

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
 Data File : BF120291.D
 Acq On : 14 May 2020 15:31
 Operator : MA/SJ
 Sample : PB128891BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128891BS

Manual Integrations
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mohammad
 5/18/2020 1:31:46 PM

Quant Time: May 14 16:41:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 12:47:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	325561	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	1307014	20.00	ng	0.00
39) Acenaphthene-d10	9.66	164	663381	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	1244496	20.00	ng	0.00
76) Chrysene-d12	13.79	240	808012	20.00	ng	0.00
87) Perylene-d12	15.17	264	737496	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	2034494	121.59	ng	0.01
7) Phenol-d6	6.28	99	2556801	120.83	ng	0.00
23) Nitrobenzene-d5	7.20	82	1651531	86.51	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	662811	122.54	ng	0.00
45) 2-Fluorobiphenyl	8.99	172	2953539	91.47	ng	0.00
79) Terphenyl-d14	12.73	244	3062033	83.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.28	88	307640	46.220	ng	99
3) Pyridine	2.95	79	667126	31.885	ng	97
4) n-Nitrosodimethylamine	2.90	42	337315	41.173	ng	99
6) Aniline	6.29	93	664666	24.562	ng	# 72
8) 2-Chlorophenol	6.41	128	828977	42.491	ng	99
9) Benzaldehyde	6.17	77	528211	40.494	ng	98
10) Phenol	6.29	94	996554	40.346	ng	85
11) bis(2-Chloroethyl)ether	6.36	93	761611	38.600	ng	97
12) 1,3-Dichlorobenzene	6.56	146	819033	39.233	ng	98
13) 1,4-Dichlorobenzene	6.64	146	857744	39.893	ng	99
14) 1,2-Dichlorobenzene	6.79	146	765427	39.532	ng	99
15) Benzyl Alcohol	6.78	79	626083	41.649	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.91	45	1253219	40.304	ng	99
17) 2-Methylphenol	6.90	107	660661	40.114	ng	97
18) Hexachloroethane	7.13	117	319383	38.992	ng	96
19) n-Nitroso-di-n-propylamine	7.05	70	564632	40.732	ng	94
20) 3+4-Methylphenols	7.06	107	853199	39.845	ng	98
22) Acetophenone	7.04	105	1110318	41.467	ng	98
24) Nitrobenzene	7.21	77	848580	41.304	ng	96
25) Isophorone	7.45	82	1594470	40.143	ng	99
26) 2-Nitrophenol	7.53	139	451119	41.985	ng	90
27) 2,4-Dimethylphenol	7.58	122	718399	45.962	ng	97
28) bis(2-Chloroethoxy)methane	7.67	93	1046365	41.912	ng	99
29) 2,4-Dichlorophenol	7.78	162	674228	42.000	ng	98
30) 1,2,4-Trichlorobenzene	7.85	180	714096	40.142	ng	98
31) Naphthalene	7.93	128	2381304	43.169	ng	99
32) Benzoic acid	7.73	122	407981	39.821	ng	100
33) 4-Chloroaniline	7.99	127	321700	12.797	ng	98
34) Hexachlorobutadiene	8.05	225	405494	39.437	ng	97
35) Caprolactam	8.36	113	213233m	40.602	ng	
36) 4-Chloro-3-methylphenol	8.49	107	736019	42.383	ng	99
37) 2-Methylnaphthalene	8.62	142	1577388	41.786	ng	98
38) 1-Methylnaphthalene	8.72	142	1517580	41.450	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.79	216	705919	42.201	ng	99

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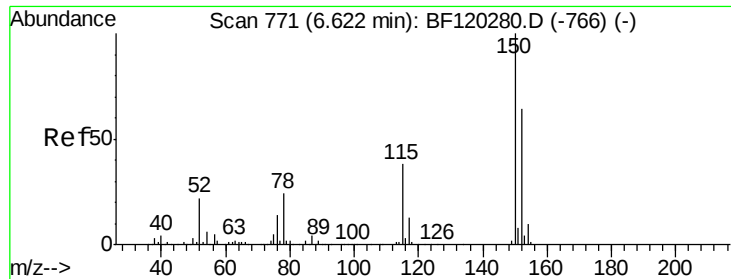
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	598242	86.145	ng	100
43) 2,4,6-Trichlorophenol	8.91	196	462913	41.228	ng	99
44) 2,4,5-Trichlorophenol	8.96	196	491586	38.123	ng	99
46) 1,1'-Biphenyl	9.09	154	1917897	44.125	ng	100
47) 2-Chloronaphthalene	9.11	162	1427139	40.932	ng	99
48) 2-Nitroaniline	9.22	65	506787	39.838	ng	99
49) Acenaphthylene	9.53	152	2239820	42.055	ng	100
50) Dimethylphthalate	9.40	163	1686985	40.228	ng	99
51) 2,6-Dinitrotoluene	9.46	165	381226	40.731	ng	85
52) Acenaphthene	9.70	154	1319280	41.326	ng	100
53) 3-Nitroaniline	9.63	138	181877	16.295	ng	98
54) 2,4-Dinitrophenol	9.74	184	334468	75.706	ng	96
55) Dibenzofuran	9.87	168	1933165	42.051	ng	99
56) 4-Nitrophenol	9.82	139	454884	75.849	ng	90
57) 2,4-Dinitrotoluene	9.87	165	451944	41.164	ng	98
58) Fluorene	10.22	166	1496491	42.743	ng	100
59) 2,3,4,6-Tetrachlorophenol	9.99	232	407719	42.015	ng	98
60) Diethylphthalate	10.10	149	1672688	41.316	ng	99
61) 4-Chlorophenyl-phenylether	10.20	204	730042	40.105	ng	98
62) 4-Nitroaniline	10.25	138	395752	38.078	ng	99
63) Azobenzene	10.37	77	1629317	42.582	ng	98
65) 4,6-Dinitro-2-methylphenol	10.27	198	259899	41.294	ng	92
66) n-Nitrosodiphenylamine	10.33	169	1391494	40.415	ng	100
67) 4-Bromophenyl-phenylether	10.69	248	462485	38.297	ng	98
68) Hexachlorobenzene	10.76	284	499245	39.517	ng	99
69) Atrazine	10.86	200	393727	38.217	ng	99
70) Pentachlorophenol	10.96	266	402846	74.972	ng	100
71) Phenanthrene	11.17	178	2117642	40.495	ng	99
72) Anthracene	11.22	178	2341684	41.829	ng	100
73) Carbazole	11.39	167	2100165	40.150	ng	99
74) Di-n-butylphthalate	11.72	149	2643994	41.941	ng	99
75) Fluoranthene	12.36	202	2361449	42.131	ng	99
77) Benzidine	12.49	184	911778	38.642	ng	97
78) Pyrene	12.59	202	2381158	41.337	ng	99
80) Butylbenzylphthalate	13.21	149	1079045	39.781	ng	99
81) Benzo(a)anthracene	13.77	228	1728795	40.566	ng	99
82) 3,3'-Dichlorobenzidine	13.74	252	375635	23.389	ng	99
83) Chrysene	13.82	228	1834444	40.086	ng	100
84) Bis(2-ethylhexyl)phthalate	13.77	149	1390218	41.195	ng	100
85) Di-n-octyl phthalate	14.39	149	2533751	41.735	ng	99
86) Indeno(1,2,3-cd)pyrene	16.50	276	1597629	38.465	ng	100
88) Benzo(b)fluoranthene	14.79	252	1715966	42.605	ng	98
89) Benzo(k)fluoranthene	14.82	252	1501681	43.035	ng	100
90) Benzo(a)pyrene	15.12	252	1448679	40.106	ng	99
91) Dibenzo(a,h)anthracene	16.52	278	1342868	41.965	ng	100
92) Benzo(g,h,i)perylene	16.90	276	1356659	42.043	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

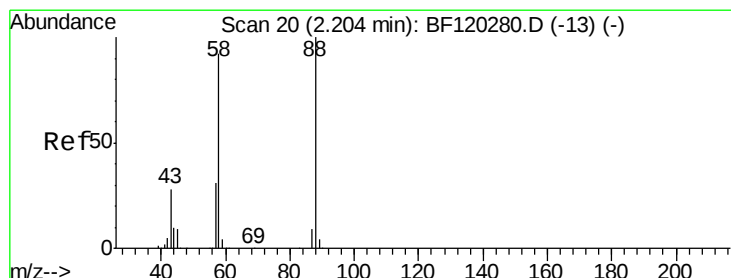
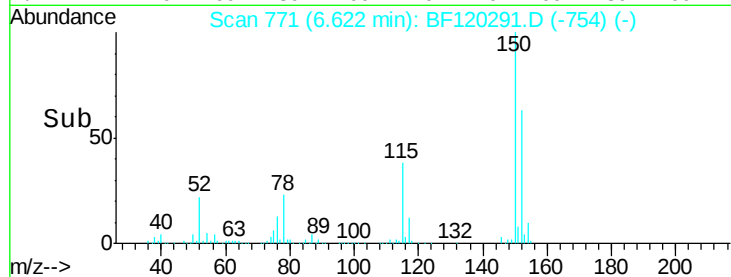
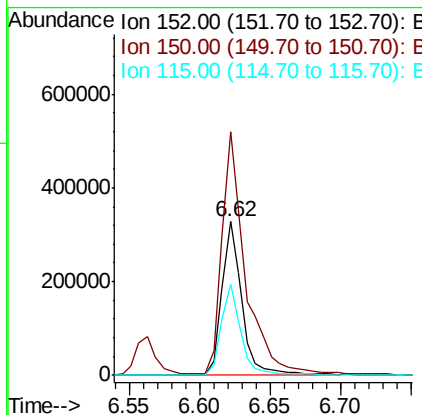
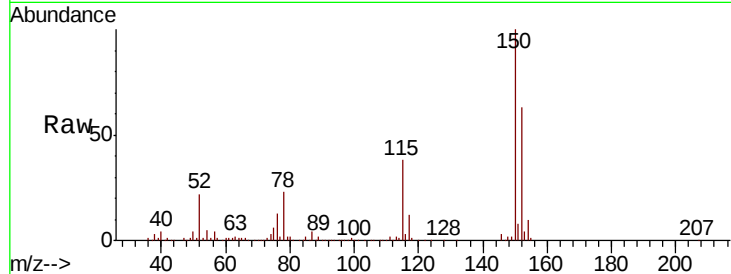
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB128891BS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	325561		
150	158.4	126.2	189.2	
115	59.7	47.9	71.9	

Manual Integrations
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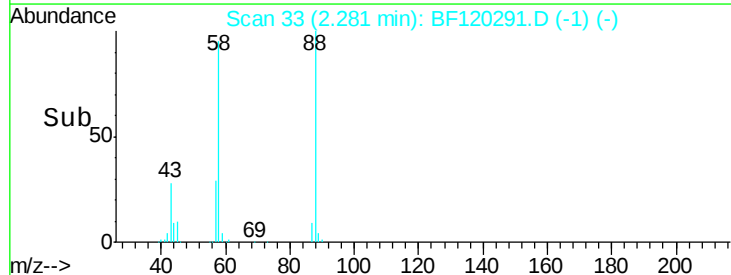
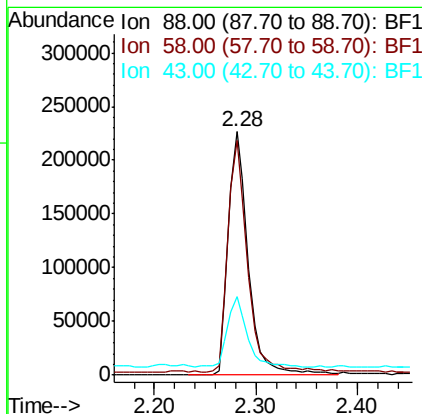
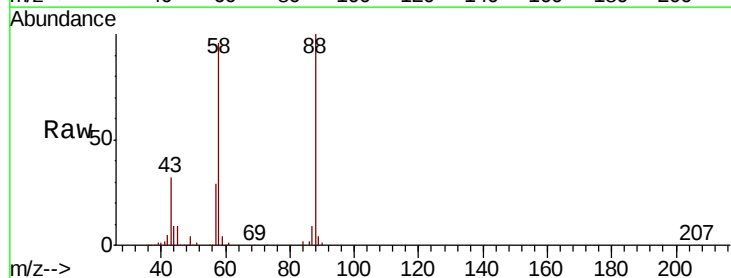
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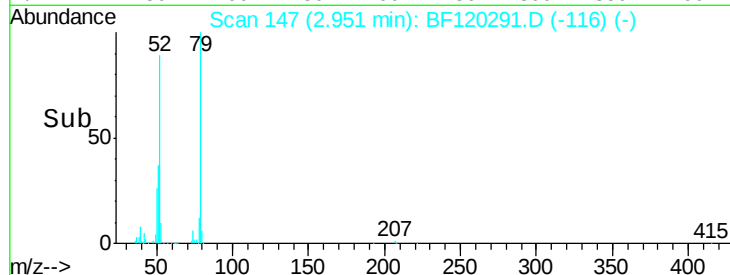
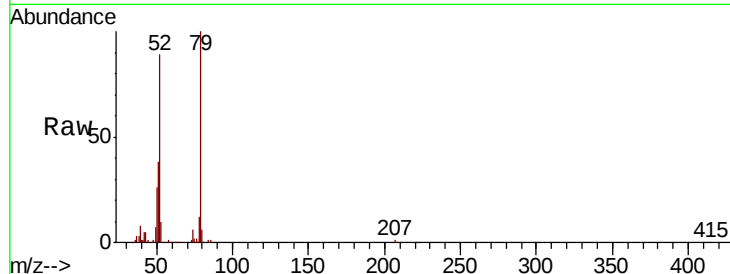
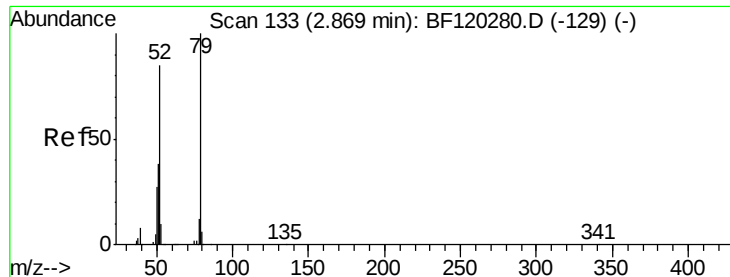


#2

1,4-Dioxane
Concen: 46.220 ng
RT: 2.28 min Scan# 33
Delta R.T. 0.08 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	307640		
58	94.0	75.8	113.6	
43	28.4	23.6	35.4	





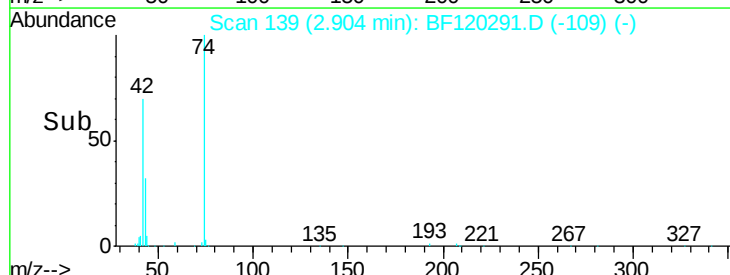
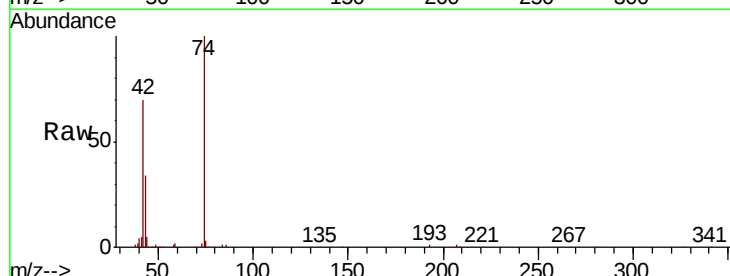
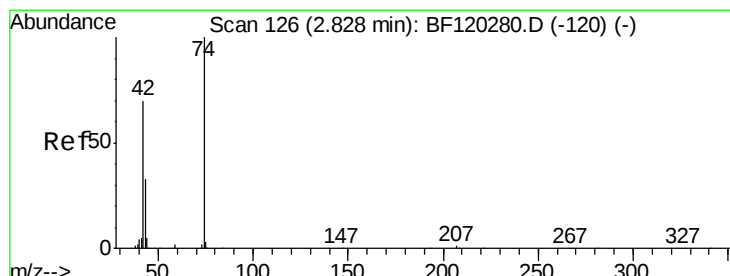
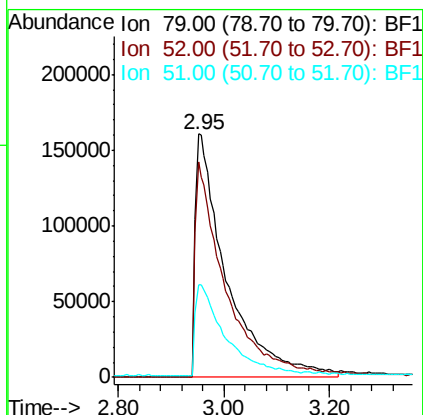
#3
Pvridine
Concen: 31.885 ng
RT: 2.95 min Scan# 147
Delta R.T. 0.08 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	88.7	68.4	102.6		
51	37.9	31.0	46.4		

Instrument :
BNA_F
ClientSampleId :
PB128891BS

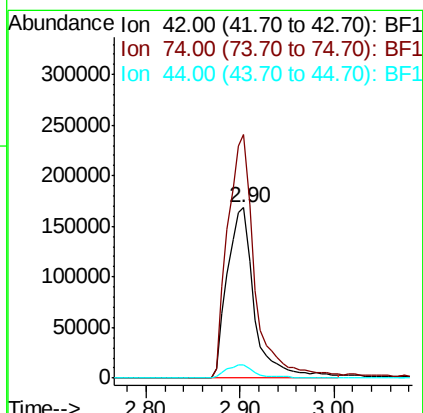
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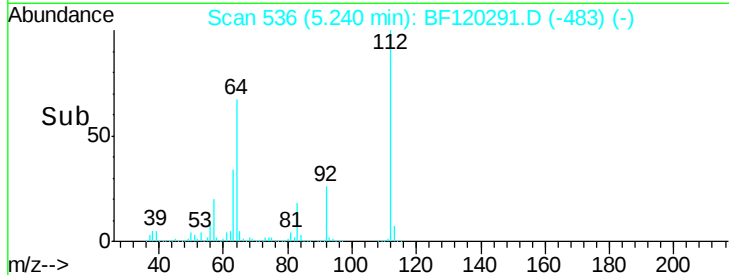
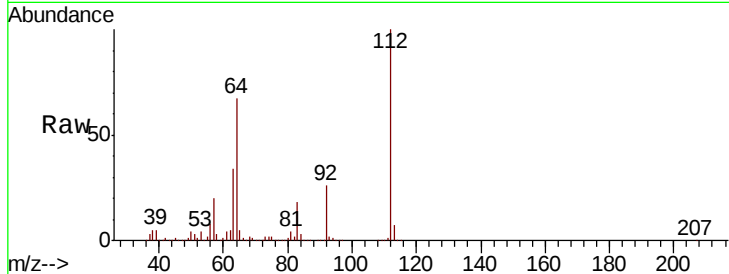
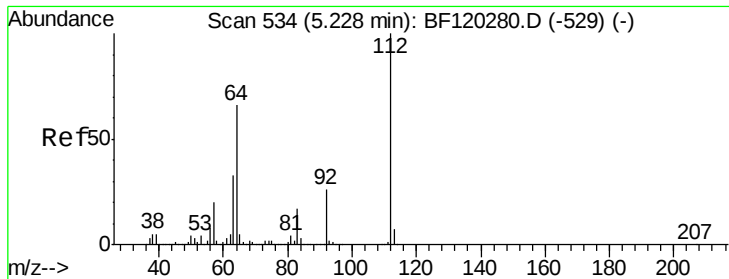
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#4
n-Nitrosodimethylamine
Concen: 41.173 ng
RT: 2.90 min Scan# 139
Delta R.T. 0.08 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	142.9	114.8	172.2		
44	7.8	5.6	8.4		





#5

2-Fluorophenol

Concen: 121.591 ng

RT: 5.24 min Scan# 536

Delta R.T. 0.01 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

PB128891BS

Tot Ion: 112 Resp: 2034494

Ion Ratio Lower Upper

112 100

64 67.1 52.7 79.1

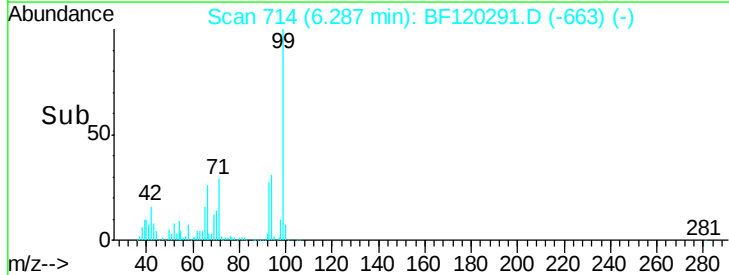
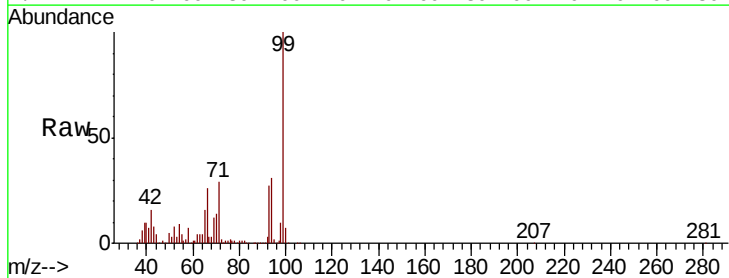
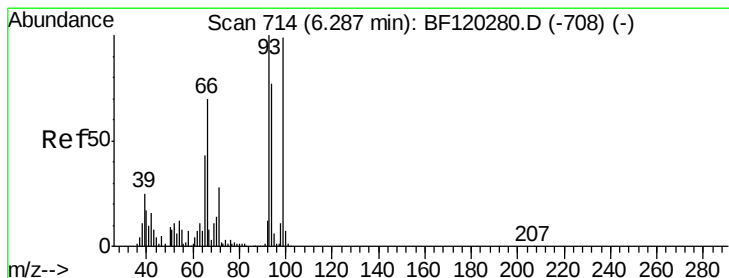
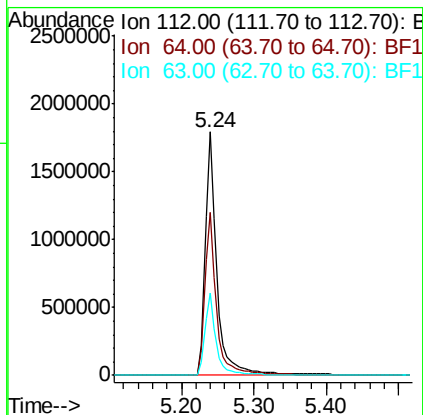
63 33.6 26.2 39.4

Manual Integrations

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#6

Aniline

Concen: 24.562 ng

RT: 6.29 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

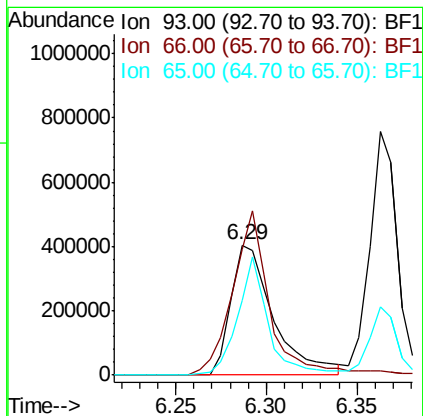
Tgt Ion: 93 Resp: 664666

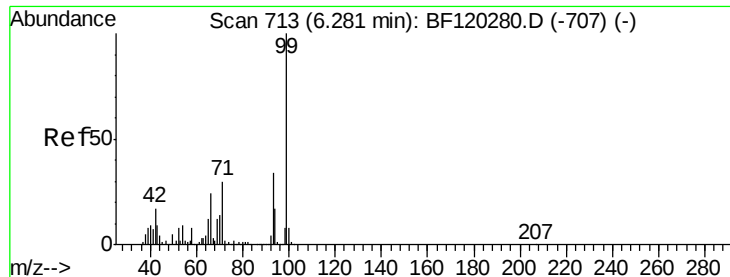
Ion Ratio Lower Upper

93 100

66 96.4 56.2 84.4#

65 57.5 34.2 51.2#





#7

Phenol-d6

Concen: 120.835 ng

RT: 6.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

PB128891BS

Tot Ion: 99 Resp: 2556801

Ion Ratio Lower Upper

99 100

42 16.9 13.6 20.4

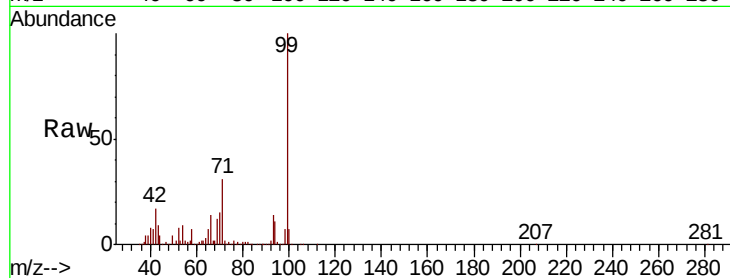
71 31.0 24.2 36.4

Manual Integrations

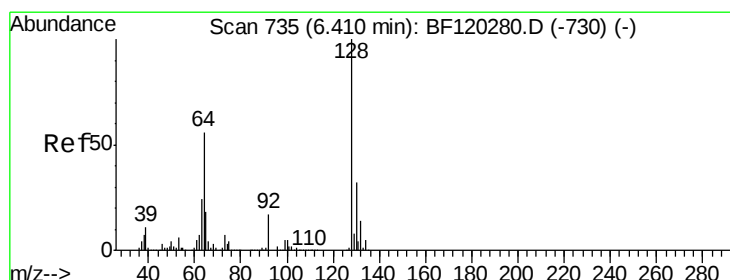
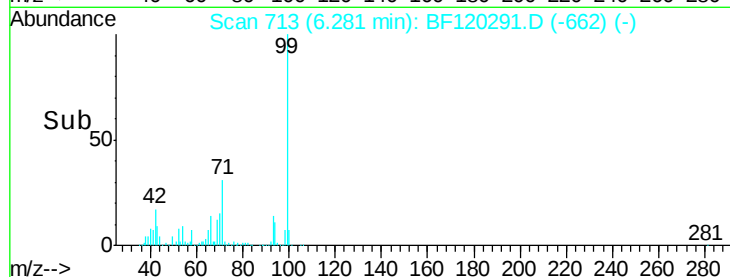
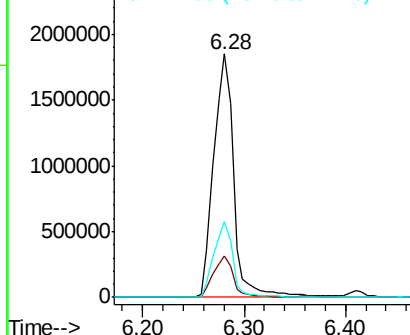
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.491 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

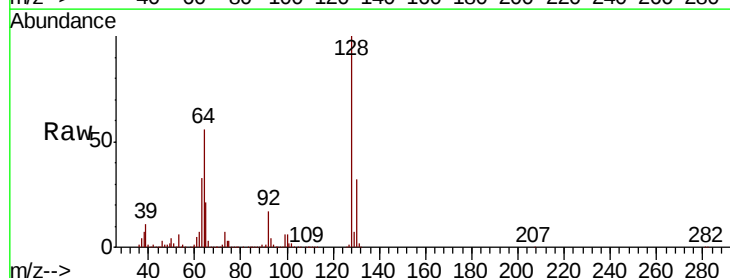
Tgt Ion: 128 Resp: 828977

Ion Ratio Lower Upper

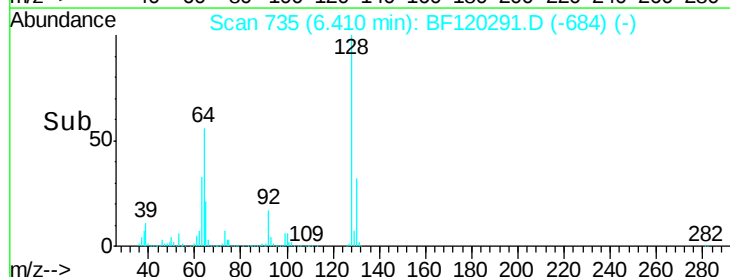
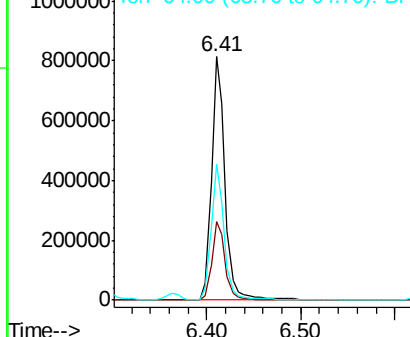
128 100

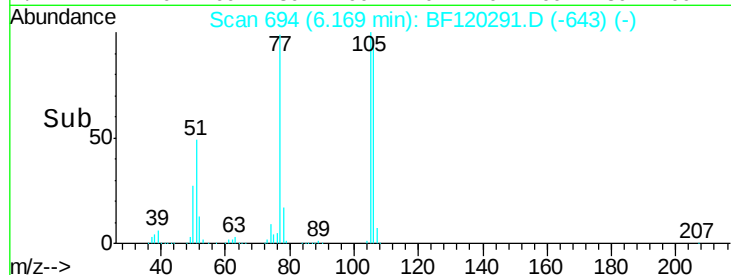
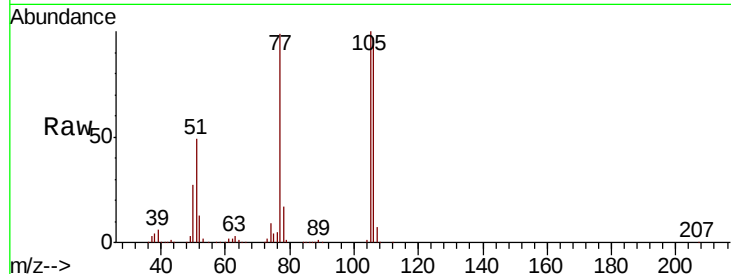
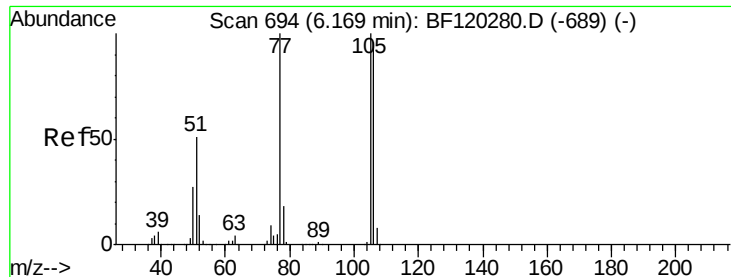
130 32.4 12.4 52.4

64 55.7 36.7 76.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 40.494 ng

RT: 6.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	101.4	79.9	119.9		
106	98.0	75.7	115.7		

Instrument :

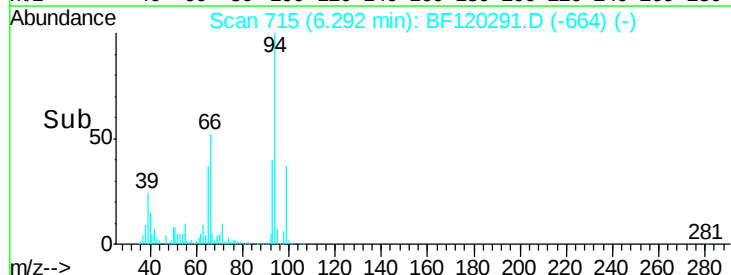
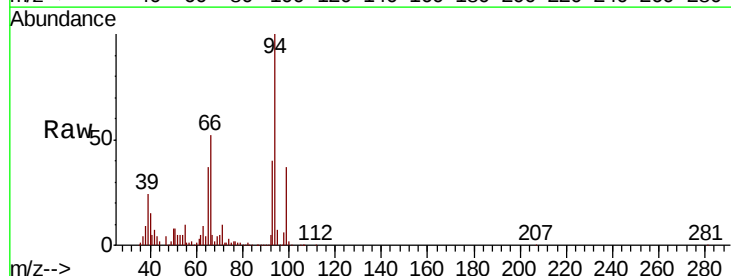
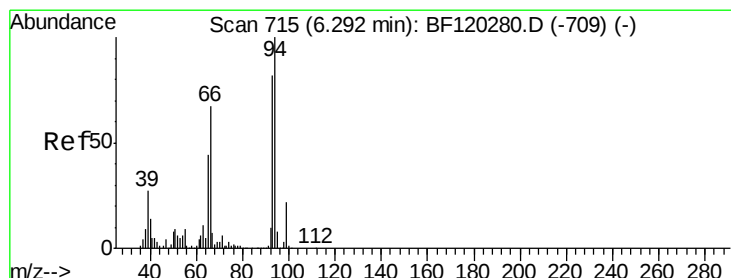
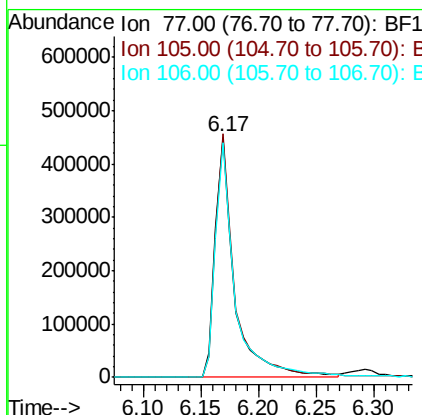
BNA_F

ClientSampleId :

PB128891BS

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#10

Phenol

Concen: 40.346 ng

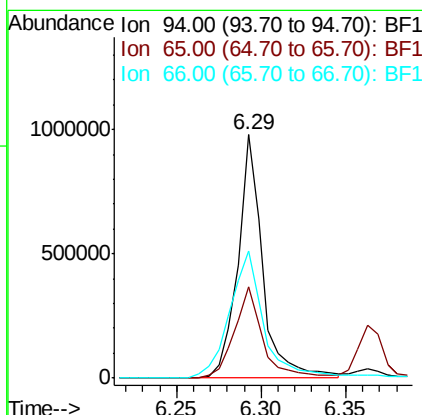
RT: 6.29 min Scan# 715

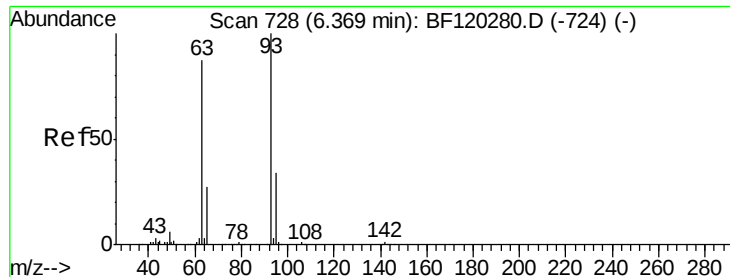
Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	37.4	24.1	64.1		
66	52.4	47.5	87.5		





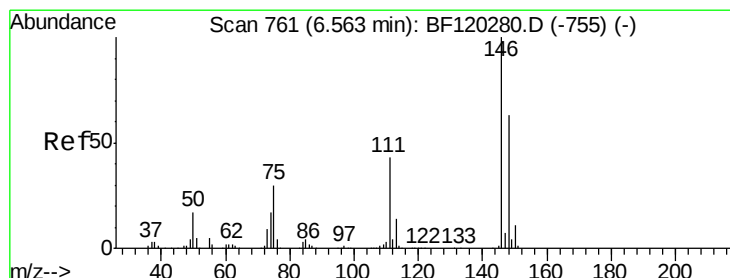
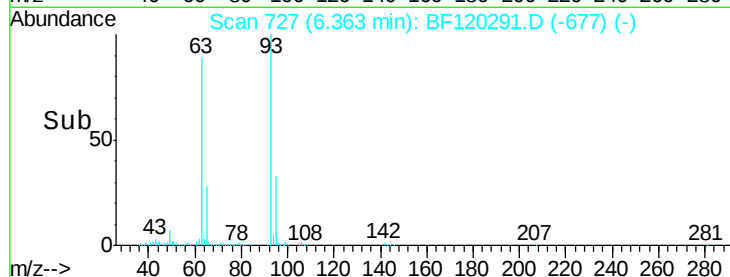
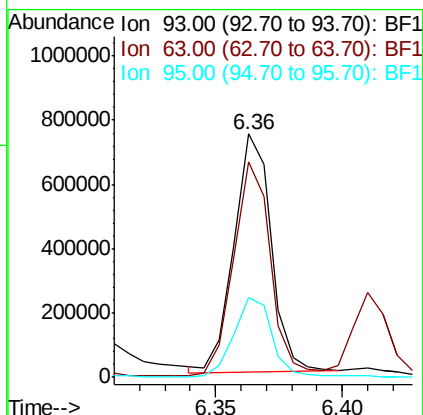
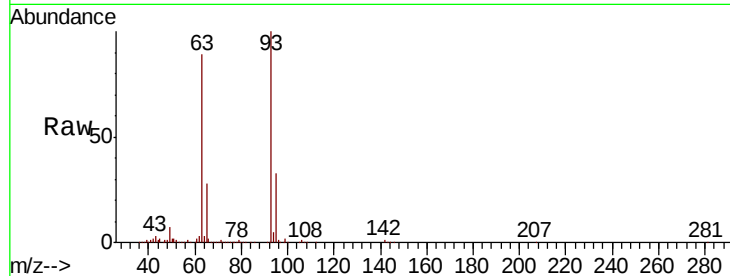
#11
bis(2-Chloroethyl)ether
Concen: 38.600 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB128891BS

Tot Ion:	93	Resp:	761611
Ion Ratio	Lower	Upper	
93	100		
63	88.7	65.4	105.4
95	32.9	12.9	52.9

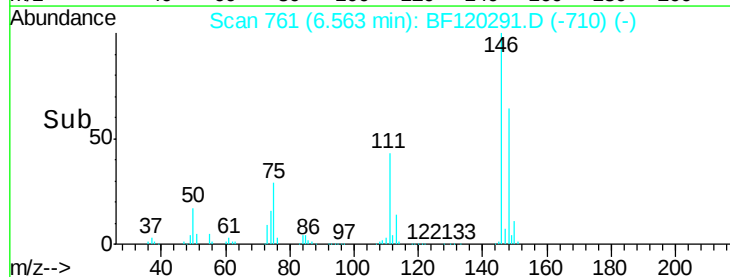
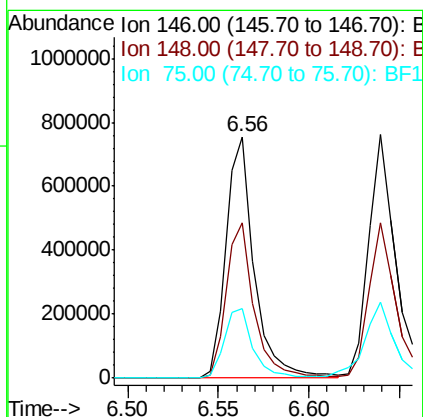
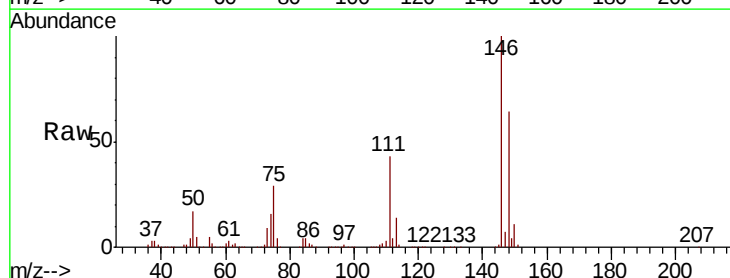
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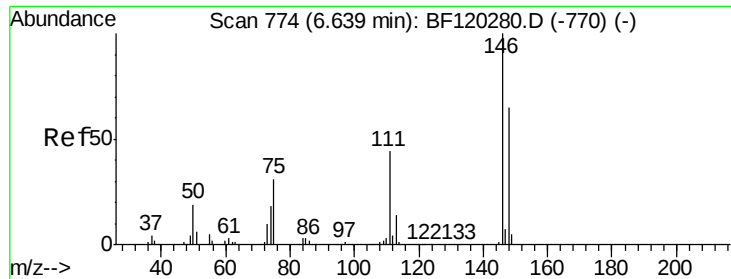
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.233 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Tgt Ion:	146	Resp:	819033
Ion Ratio	Lower	Upper	
146	100		
148	64.2	50.5	75.7
75	29.0	24.2	36.4





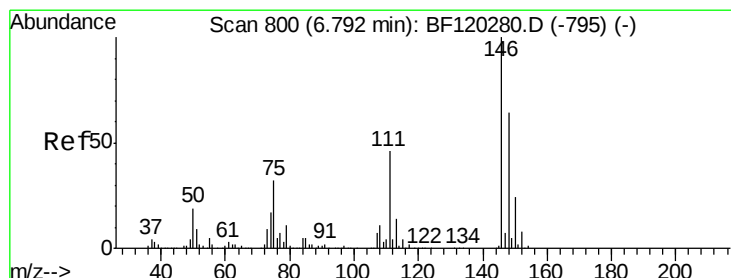
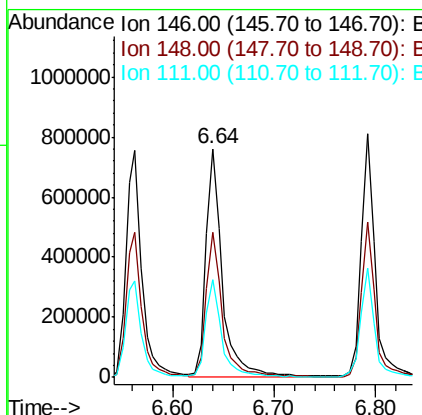
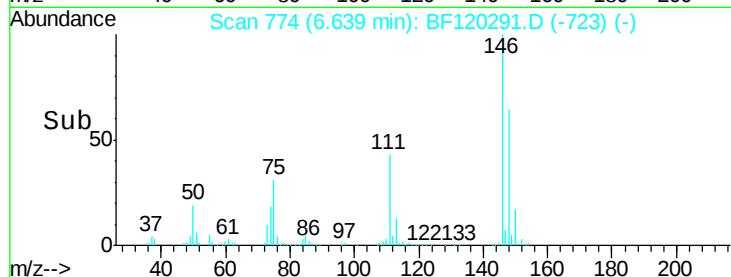
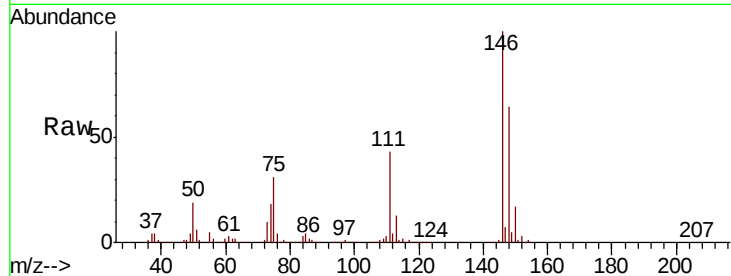
#13
 1,4-Dichlorobenzene
 Concen: 39.893 ng
 RT: 6.64 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF120291.D
 Acq: 14 May 2020 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB128891BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.6	77.4
111	42.7	35.1	52.7

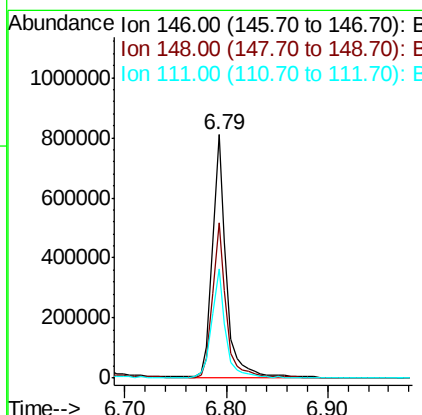
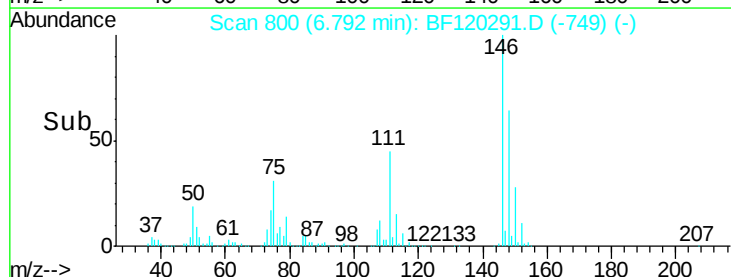
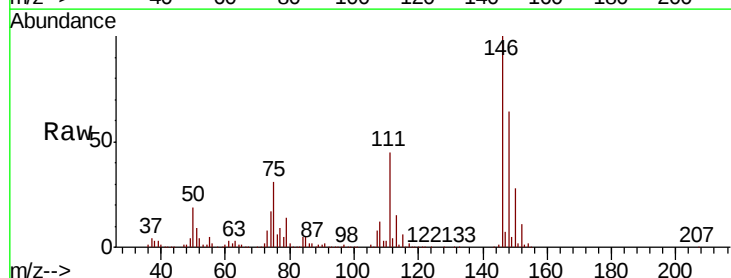
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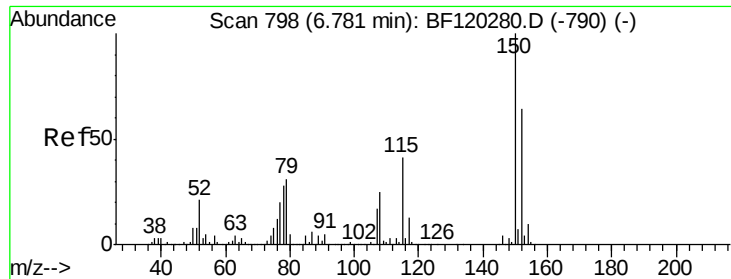
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 39.532 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF120291.D
 Acq: 14 May 2020 15:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.1	76.7
111	45.0	36.6	55.0





#15

Benzyl Alcohol

Concen: 41.649 ng

RT: 6.78 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

Instrument :

BNA_F

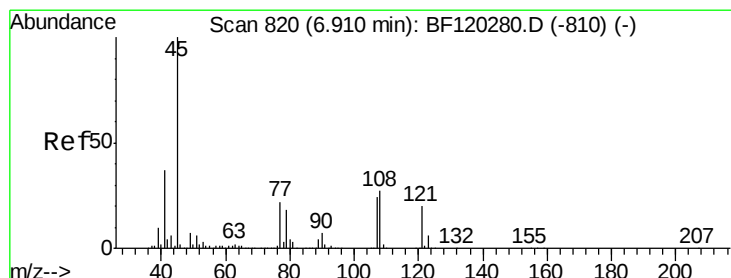
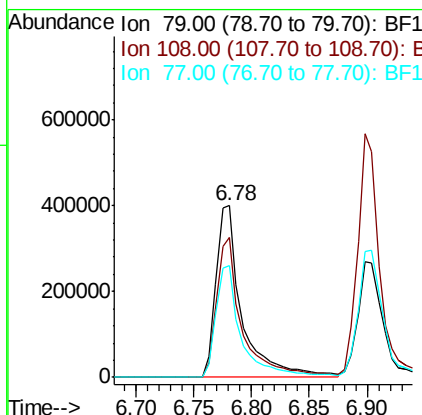
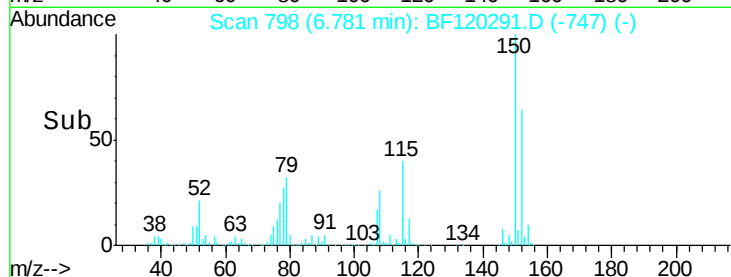
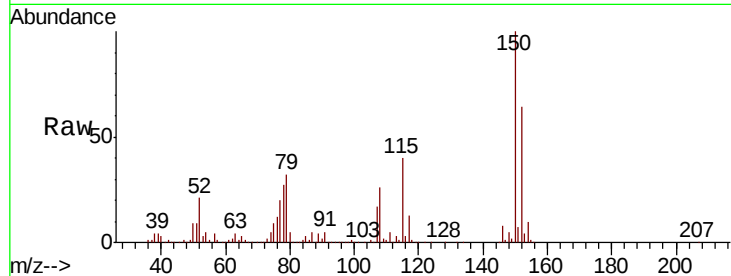
ClientSampleId :

PB128891BS

Tot Ion:	79	Resp:	626083
Ion	Ratio	Lower	Upper
79	100		
108	81.2	64.2	96.4
77	64.8	51.6	77.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.304 ng

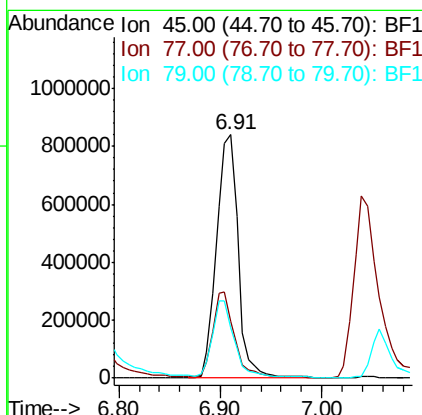
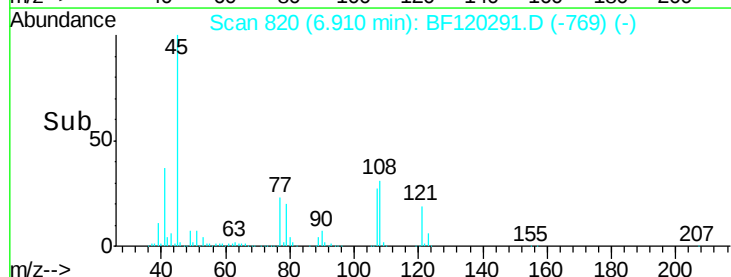
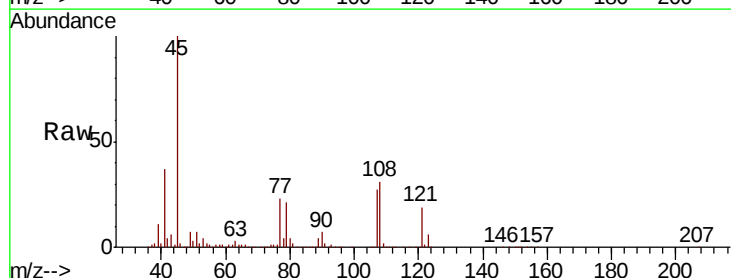
RT: 6.91 min Scan# 820

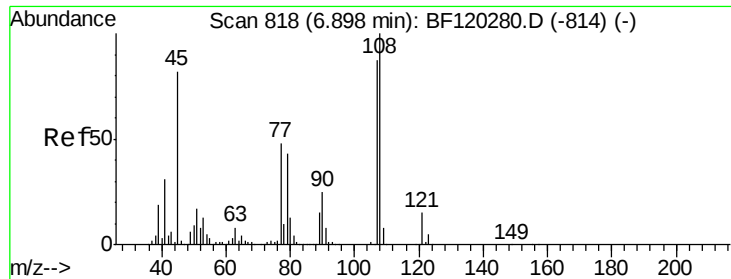
Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

Tgt Ion:	45	Resp:	1253219
Ion	Ratio	Lower	Upper
45	100		
77	23.1	3.1	43.1
79	20.6	0.0	40.0





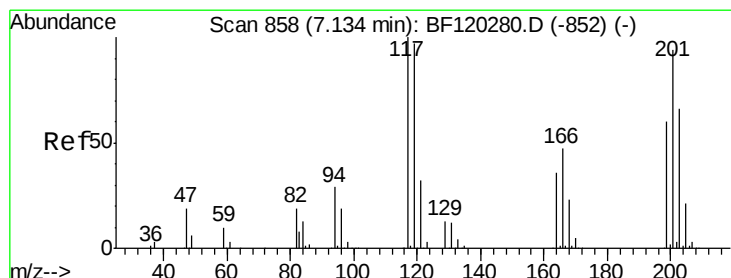
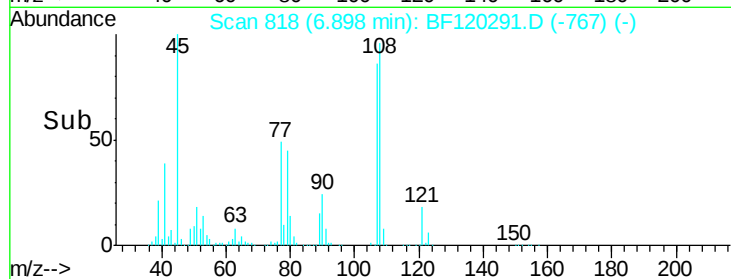
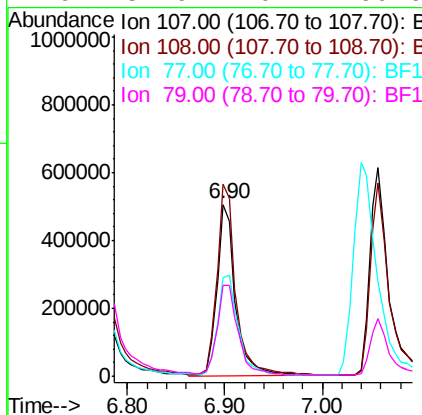
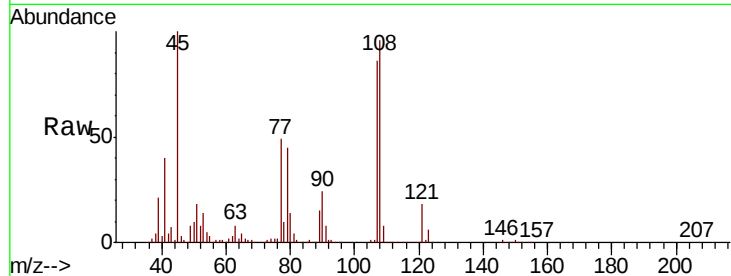
#17
2-Methylphenol
Concen: 40.114 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Instrument :
BNA_F
ClientSampleID :
PB128891BS

Tot Ion:	107	Resp:	660661
Ion Ratio	Lower	Upper	
107	100		
108	111.8	92.4	138.6
77	57.6	44.5	66.7
79	52.9	40.4	60.6

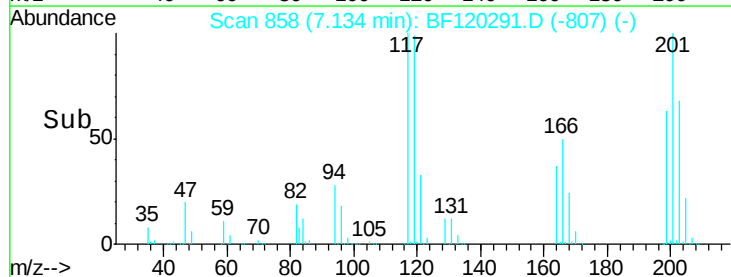
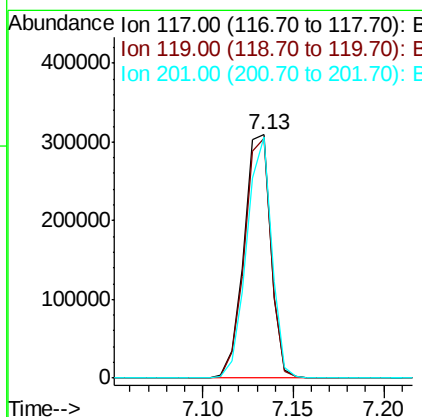
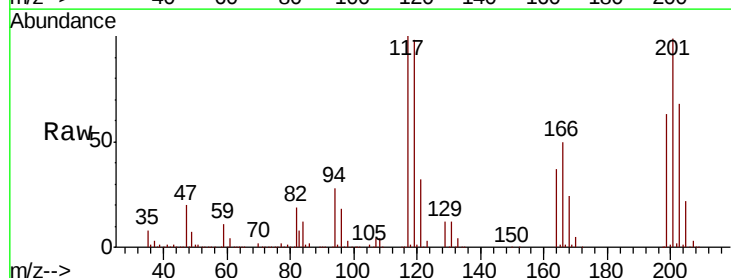
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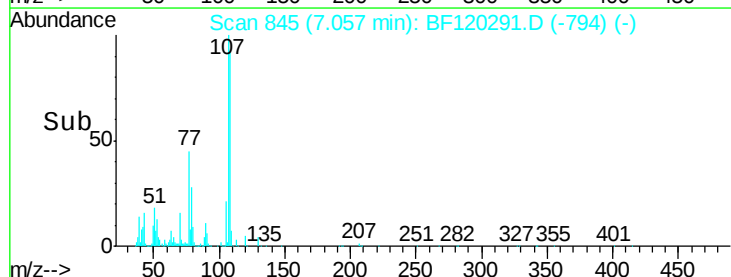
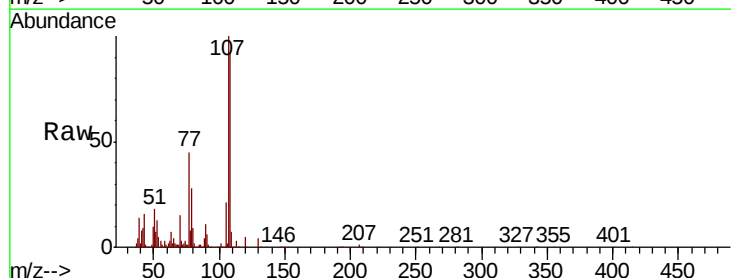
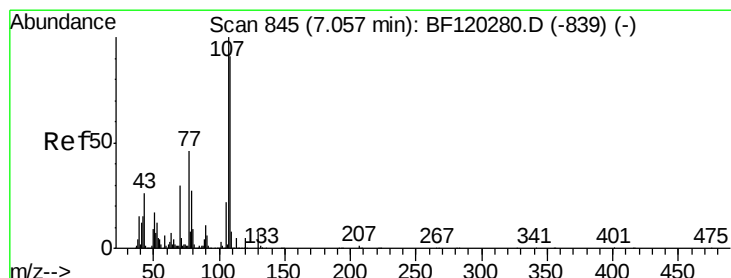
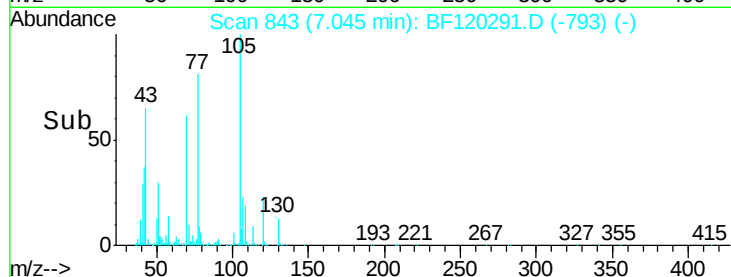
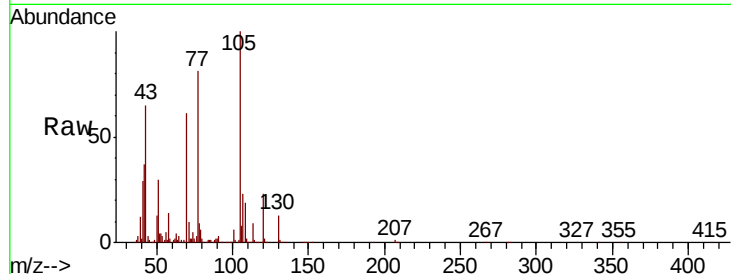
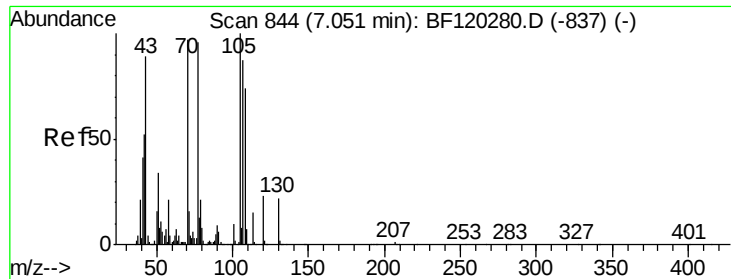
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#18
Hexachloroethane
Concen: 38.992 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

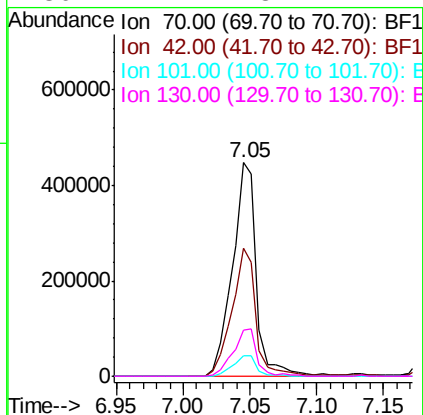
Tgt Ion:	117	Resp:	319383
Ion Ratio	Lower	Upper	
117	100		
119	98.3	77.4	116.0
201	98.9	74.9	112.3





#19
n-Nitroso-di-n-propylamine
Concen: 40.732 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.7	43.4	65.0
101	9.5	7.8	11.8
130	21.4	18.2	27.4



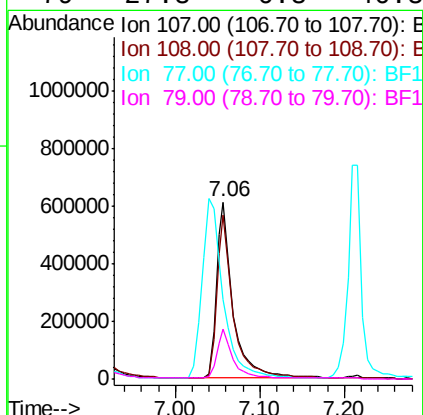
Instrument :
BNA_F
ClientSampleId :
PB128891BS

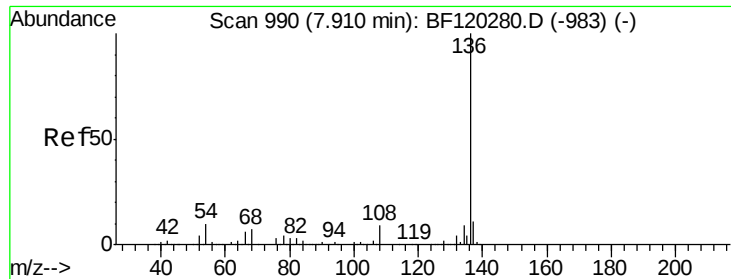
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#20
3+4-Methylphenols
Concen: 39.845 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.3	71.1	111.1
77	45.1	28.1	68.1
79	27.8	6.8	46.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

PB128891BS

Tot Ion:136 Resp: 1307014

Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

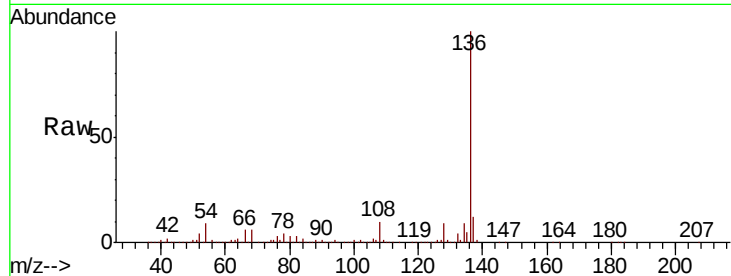
54 9.4 7.9 11.9

68 6.4 5.4 8.2

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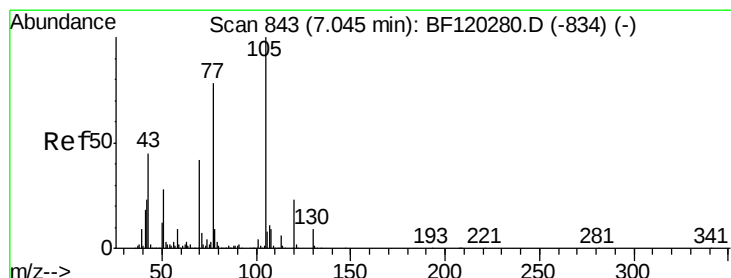
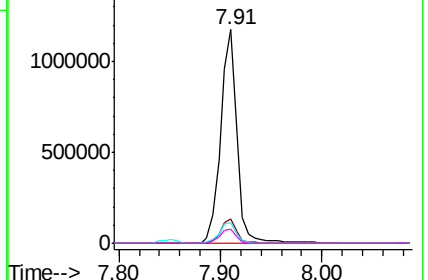
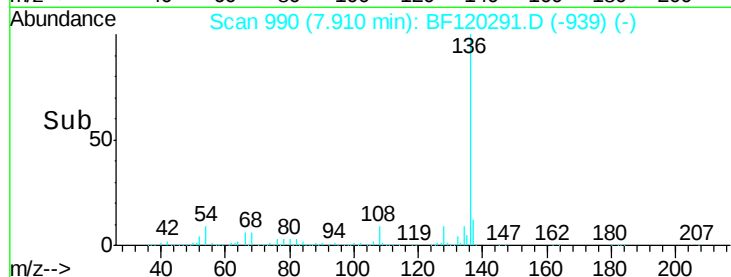


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.467 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

Tgt Ion:105 Resp: 1110318

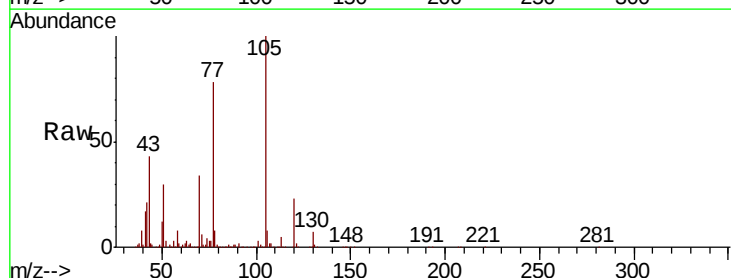
Ion Ratio Lower Upper

105 100

71 6.0 5.6 8.4

51 29.8 22.6 34.0

120 22.5 18.7 28.1

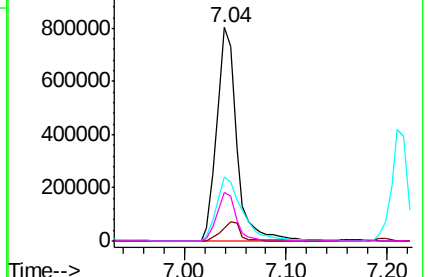
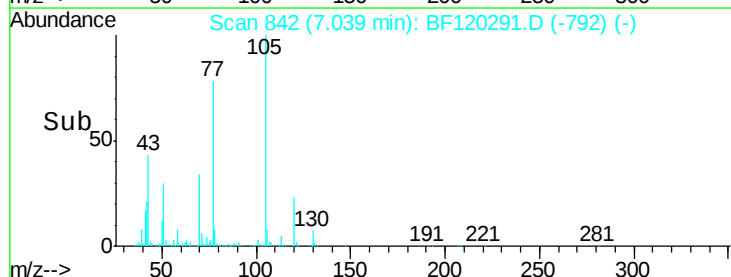


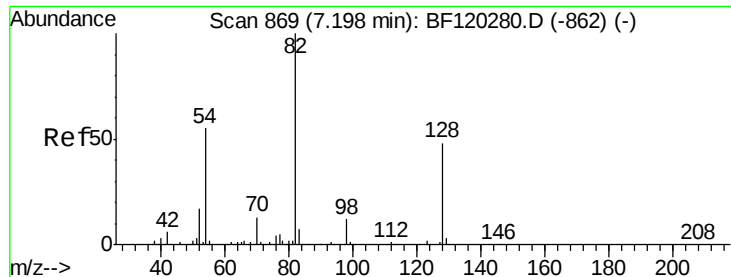
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





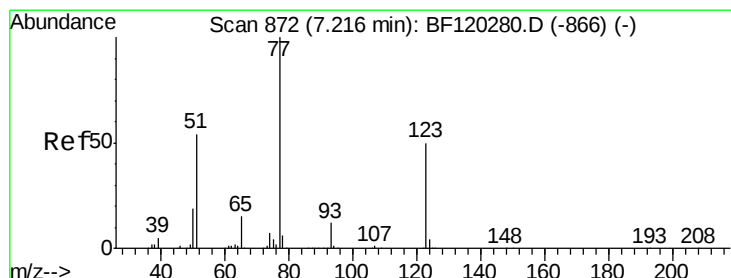
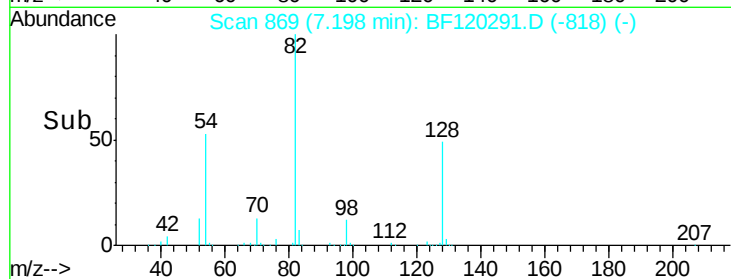
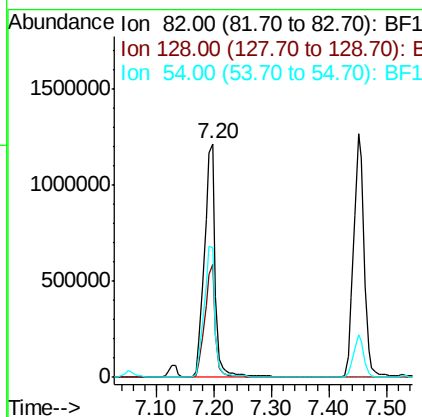
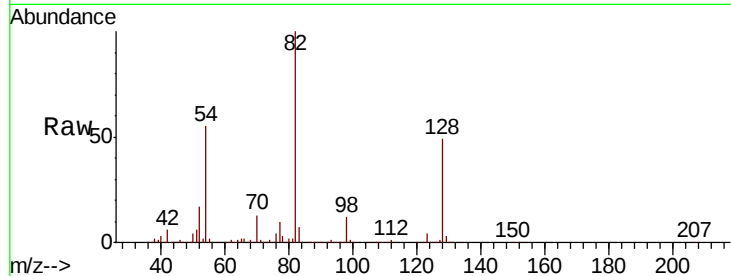
#23
Nitrobenzene-d5
Concen: 86.514 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB128891BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.5	38.3	57.5
54	55.5	43.9	65.9

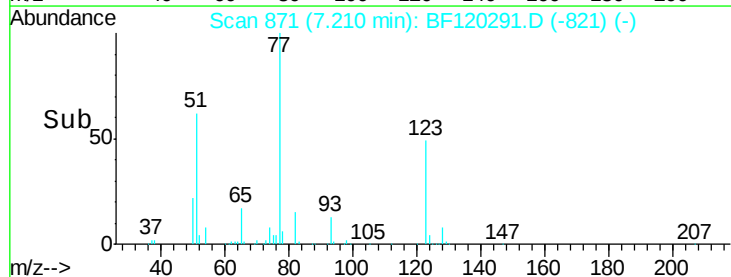
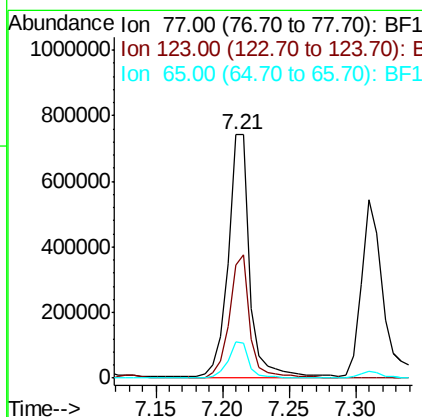
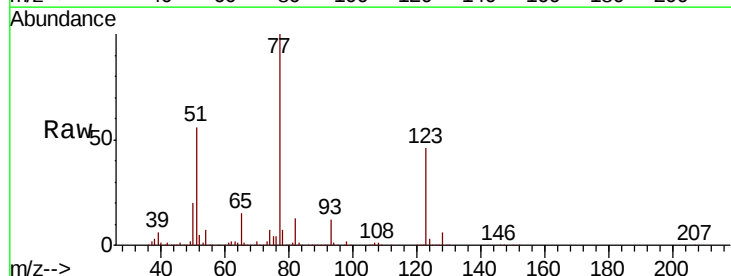
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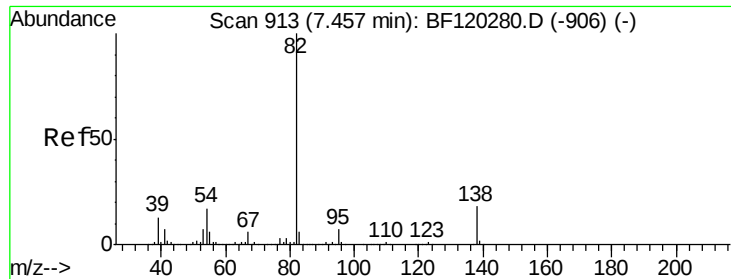
mohammad
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#24
Nitrobenzene
Concen: 41.304 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.3	40.0	60.0
65	14.7	11.7	17.5





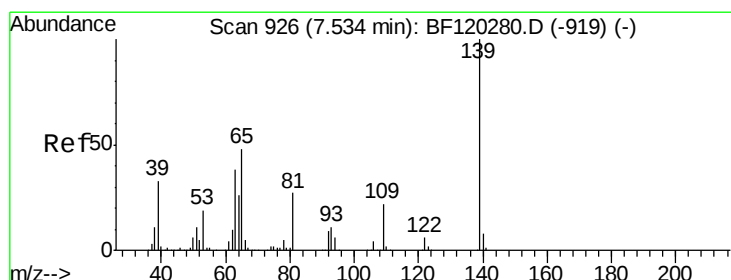
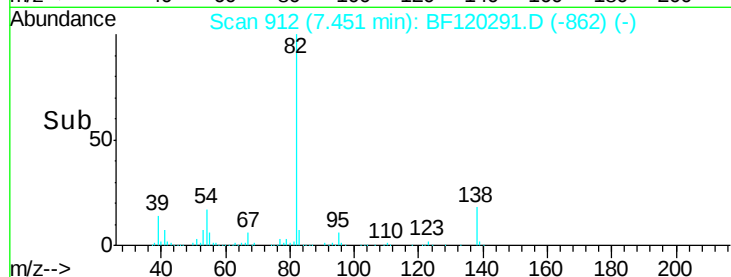
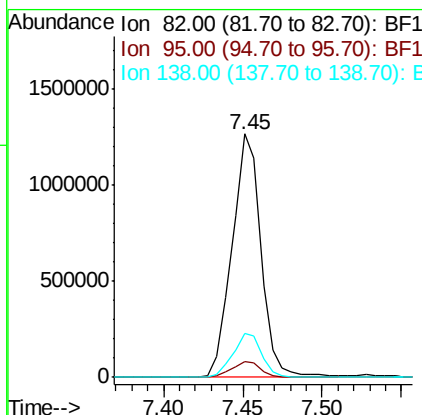
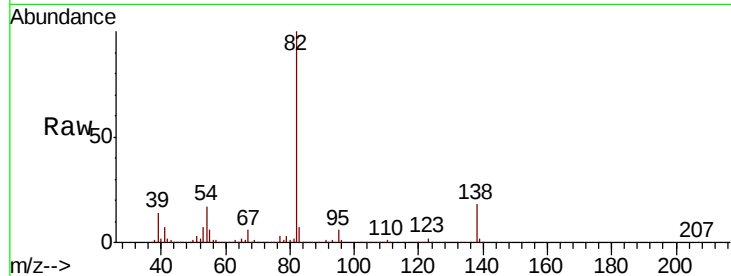
#25
Isophorone
Concen: 40.143 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB128891BS

Tot Ion	82	Resp	1594470
Ion	Ratio	Lower	Upper
82	100		
95	6.4	5.4	8.0
138	18.1	14.7	22.1

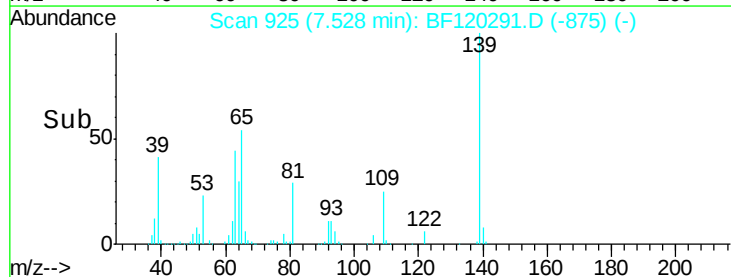
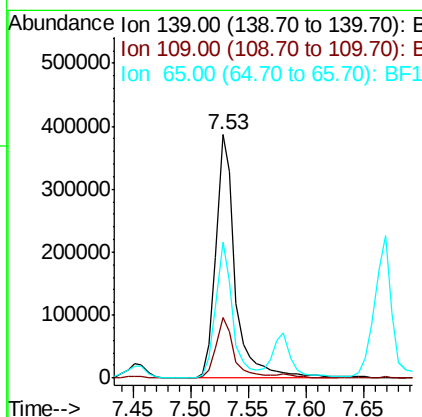
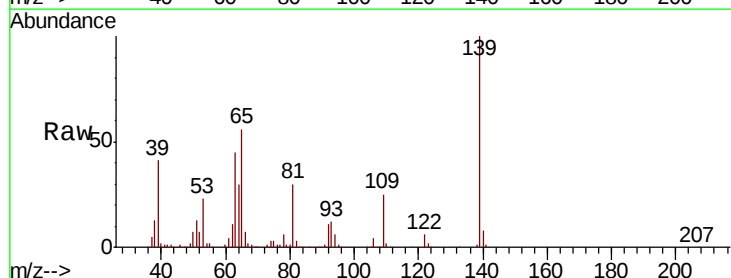
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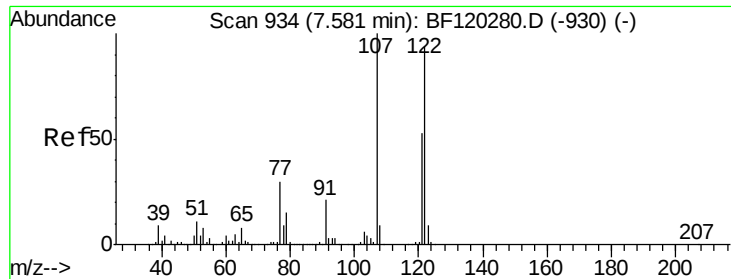
mohammad
5/18/2020 1:31:46 PM



#26
2-Nitrophenol
Concen: 41.985 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Tgt Ion	139	Resp	451119
Ion	Ratio	Lower	Upper
139	100		
109	25.1	17.7	26.5
65	55.9	38.3	57.5





#27

2,4-Dimethylphenol

Concen: 45.962 ng

RT: 7.58 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

Instrument :

BNA_F

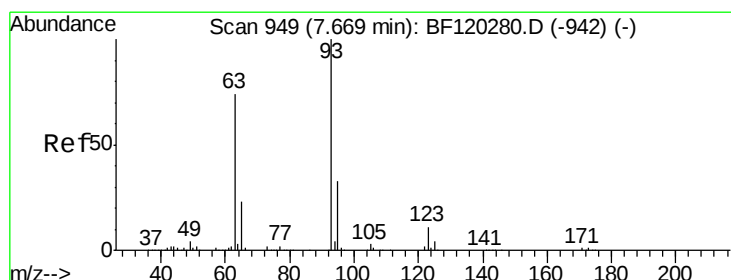
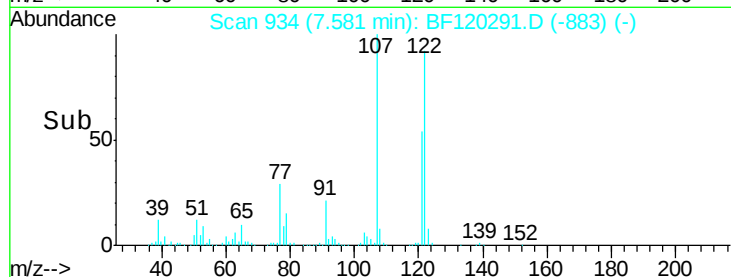
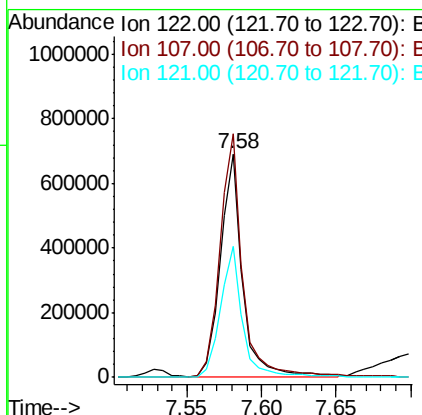
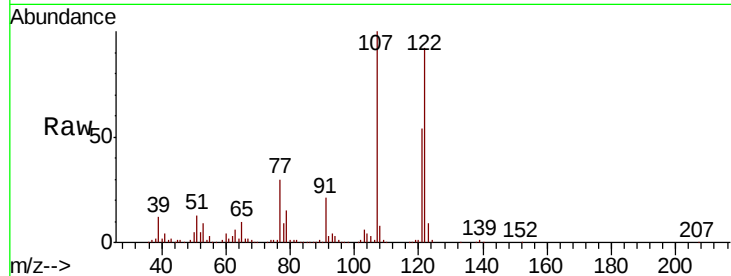
ClientSampleId :

PB128891BS

Tot Ion:	122	Resp:	718399
Ion Ratio	Lower	Upper	
122	100		
107	109.0	85.0	127.6
121	58.5	45.1	67.7

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#28

bis(2-Chloroethoxy)methane

Concen: 41.912 ng

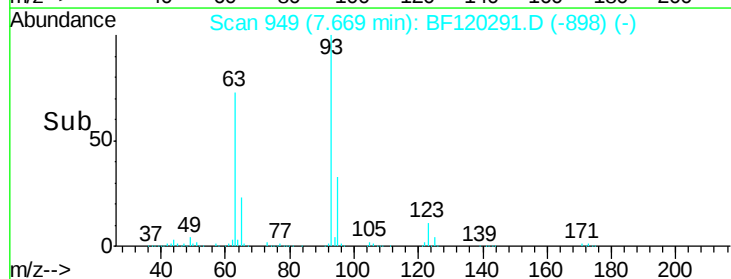
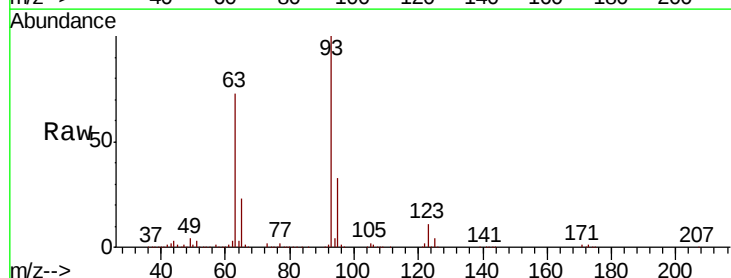
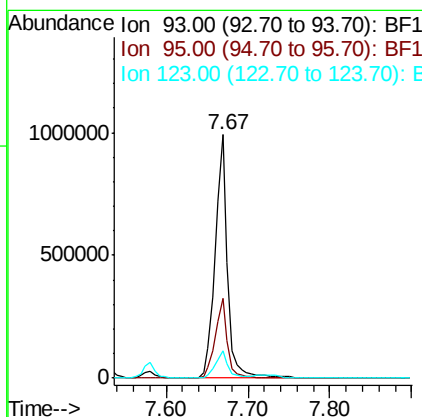
RT: 7.67 min Scan# 949

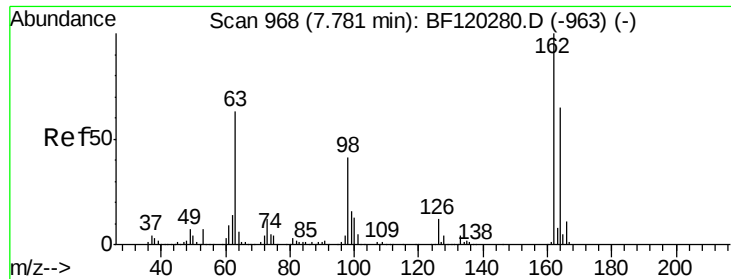
Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

Tgt Ion:	93	Resp:	1046365
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.8	40.2
123	11.2	9.2	13.8





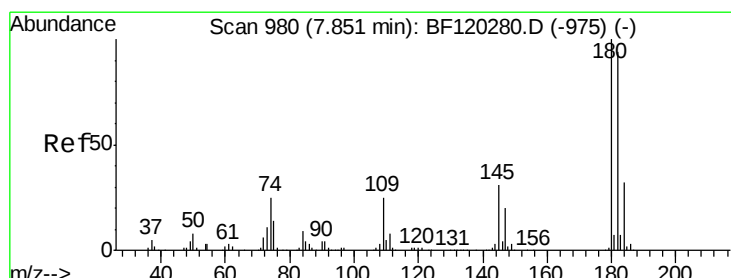
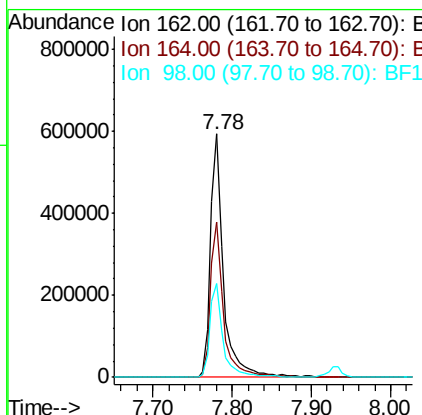
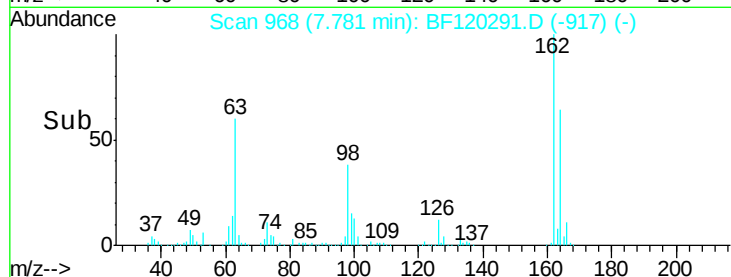
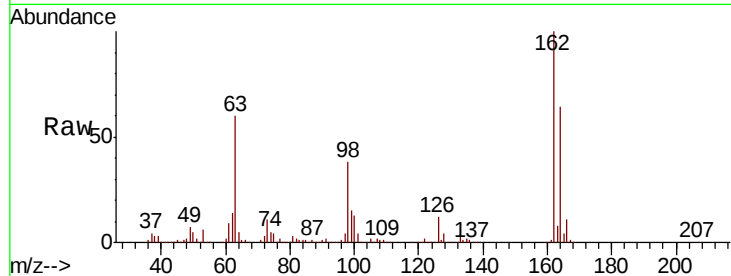
#29
2,4-Dichlorophenol
Concen: 42.000 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB128891BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.9	84.9
98	38.4	20.7	60.7

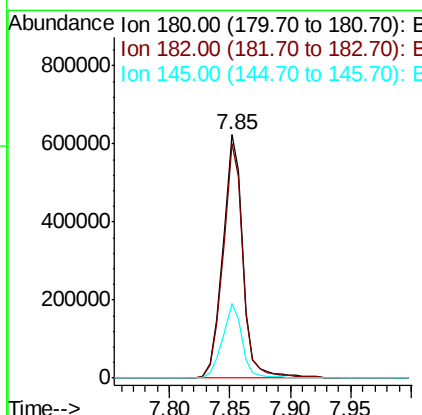
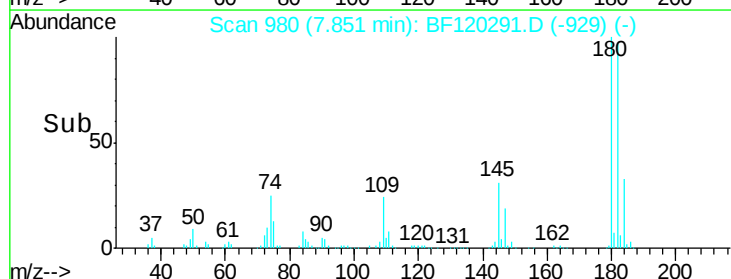
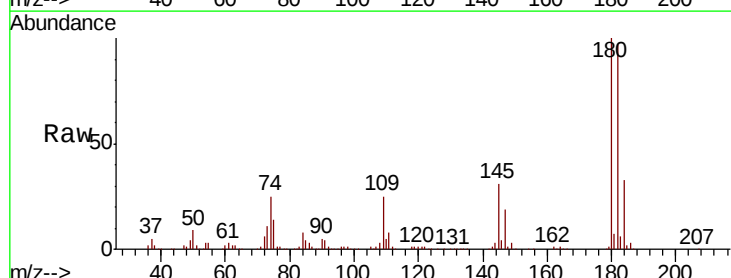
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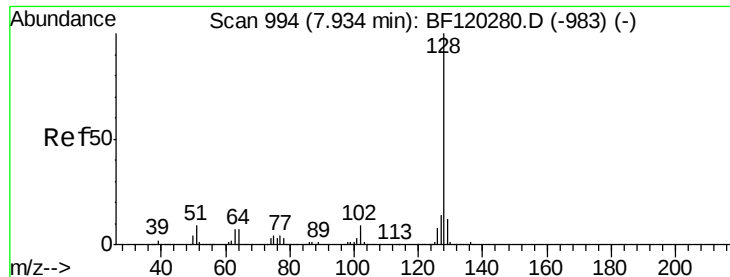
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 40.142 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	75.3	112.9
145	30.7	24.9	37.3





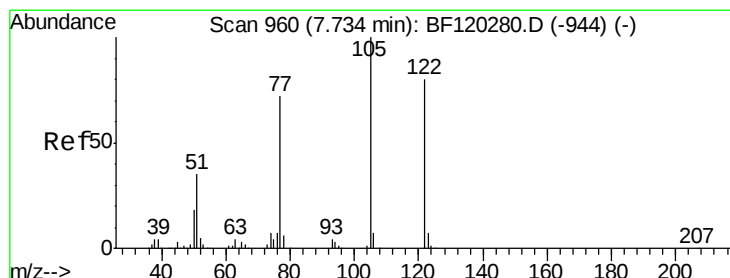
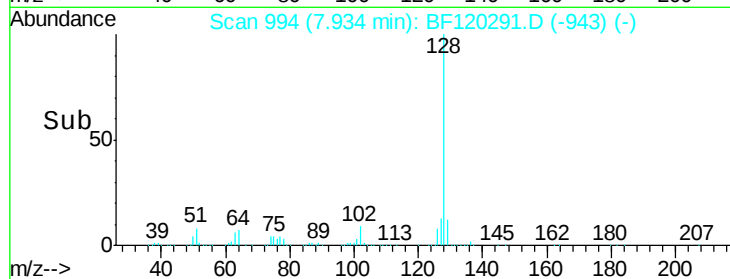
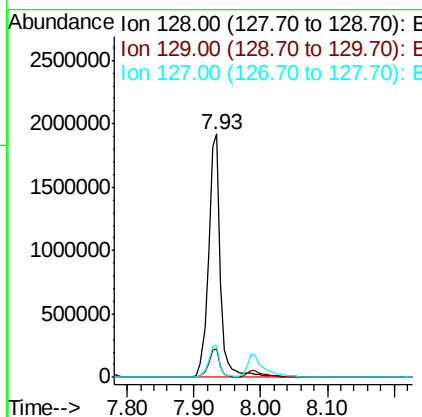
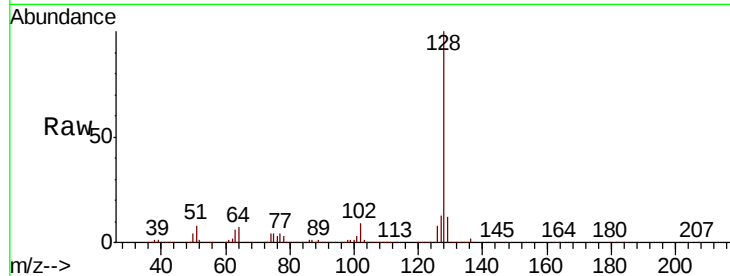
#31
Naphthalene
Concen: 43.169 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB128891BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	13.4	11.2	16.8

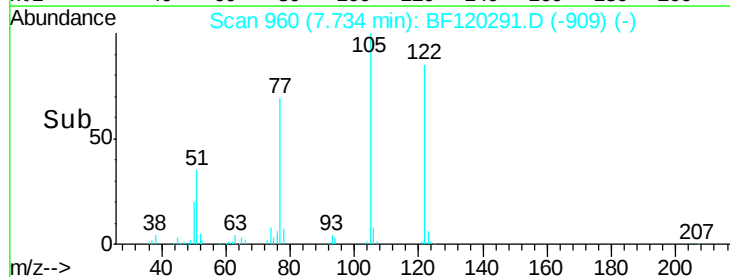
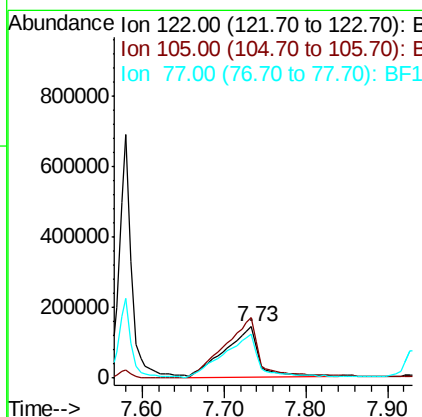
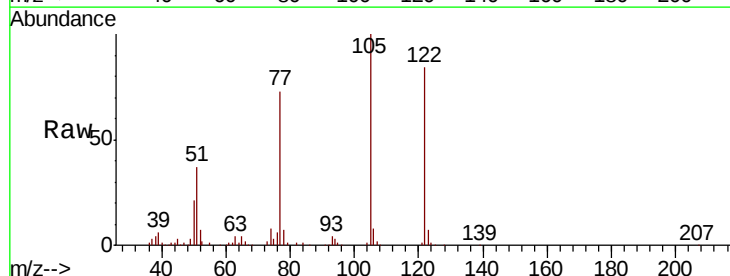
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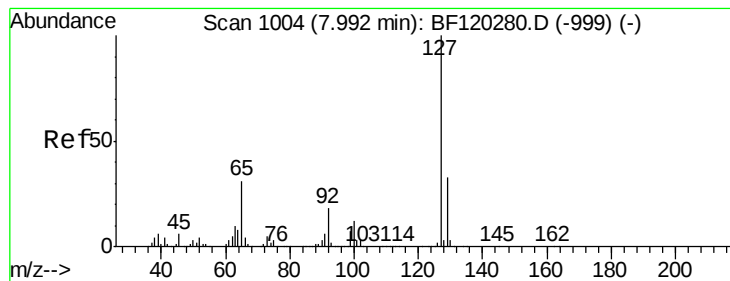
mohammad
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#32
Benzoic acid
Concen: 39.821 ng
RT: 7.73 min Scan# 960
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.6	98.1	138.1
77	86.6	66.7	106.7





#33

4-Chloroaniline

Concen: 12.797 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

Instrument :

BNA_F

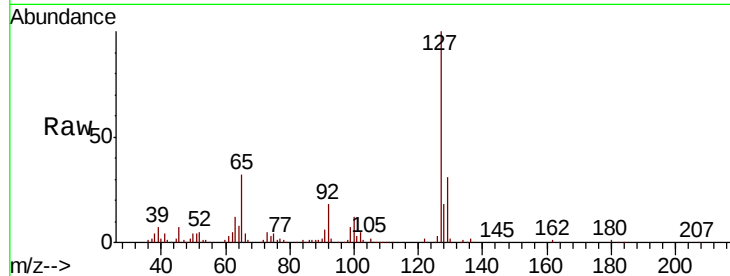
ClientSampleId :

PB128891BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.2	26.4	39.6	
65	32.0	24.8	37.2	
92	17.8	14.5	21.7	

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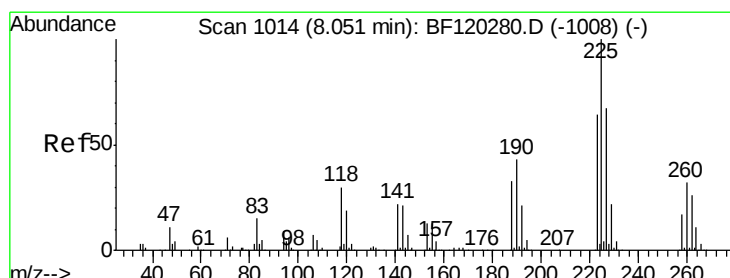
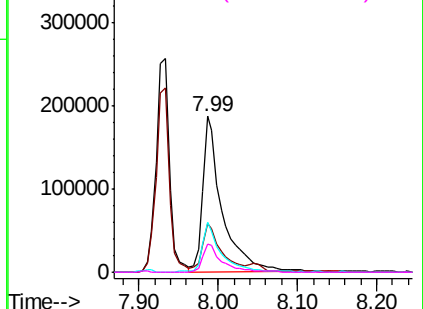
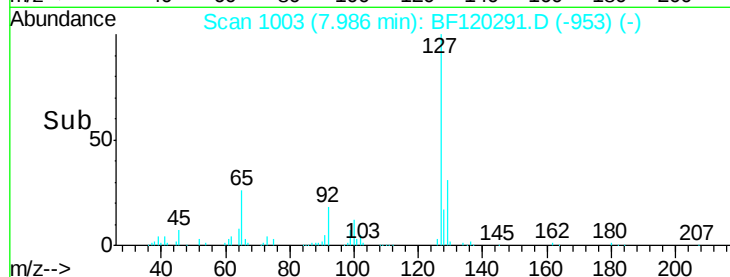


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 39.437 ng

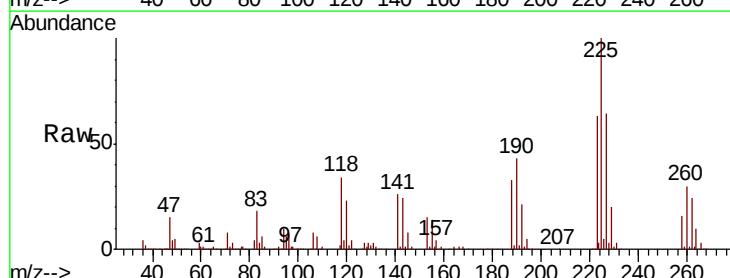
RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

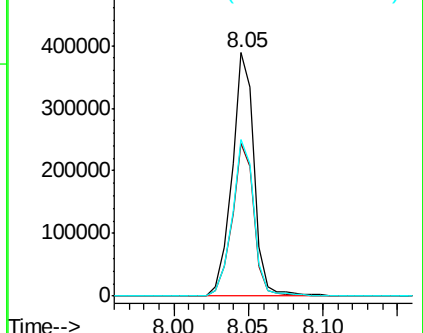
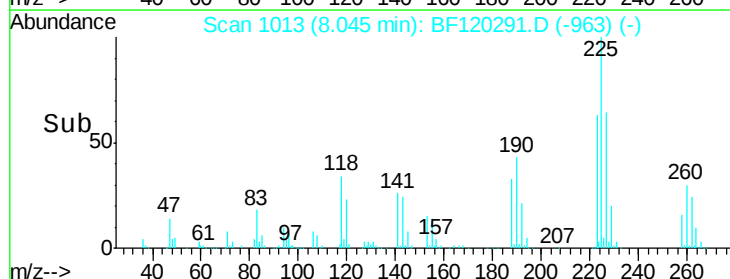
Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.6	51.4	77.0	
227	64.4	54.0	81.0	

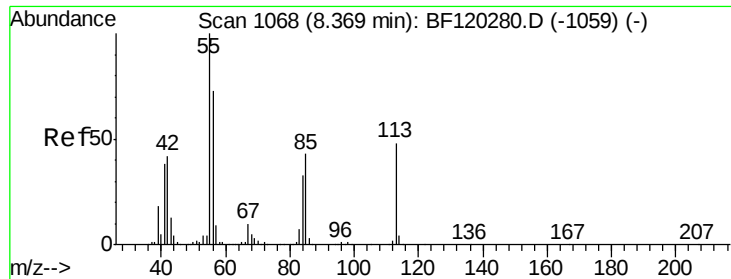


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





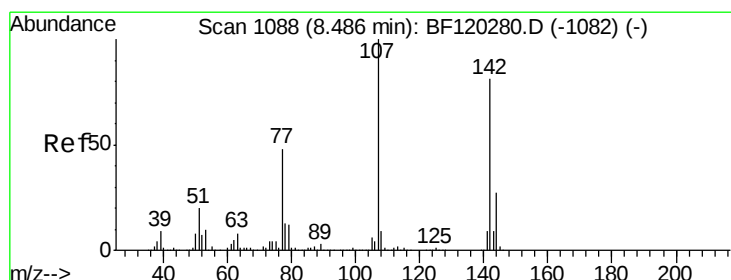
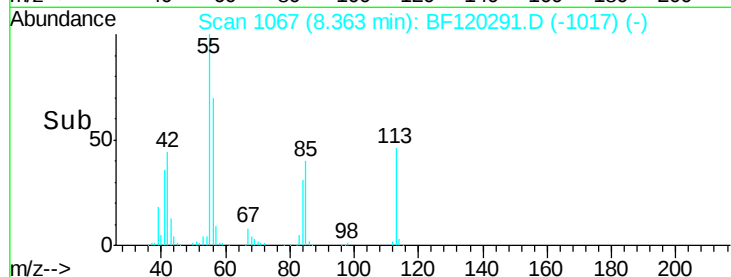
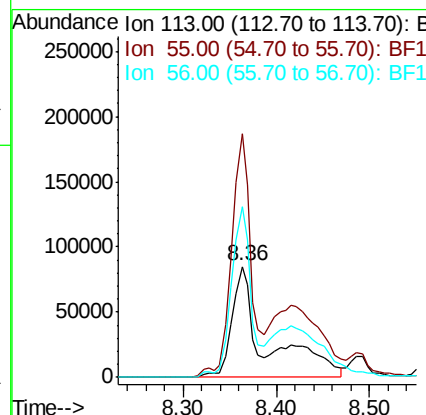
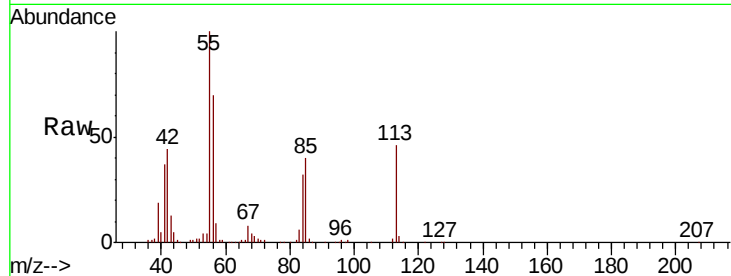
#35
 Caprolactam
 Concen: 40.602 ng/ml
 RT: 8.36 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: BF120291.D
 Acq: 14 May 2020 15:31

Instrument :
 BNA_F
 ClientSampleID :
 PB128891BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	219.7	190.4	230.4
56	154.6	132.7	172.7

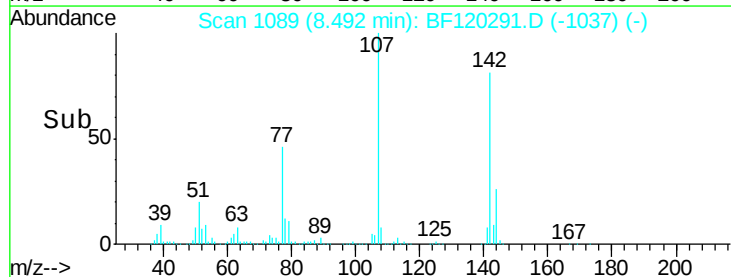
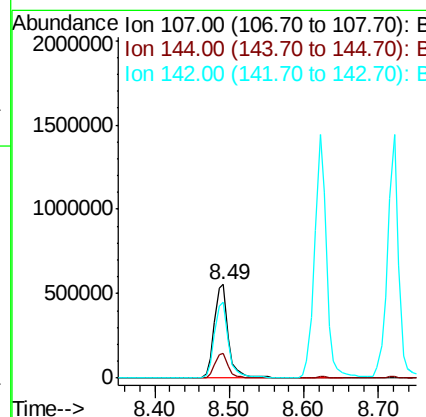
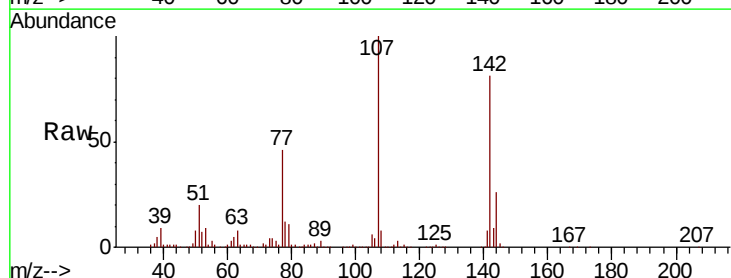
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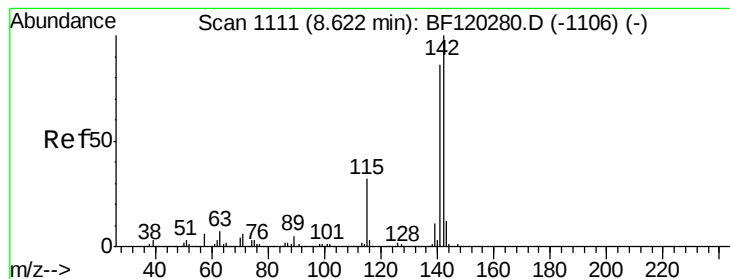
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 42.383 ng/ml
 RT: 8.49 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: BF120291.D
 Acq: 14 May 2020 15:31

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.2	21.4	32.2
142	80.6	65.1	97.7





#37

2-Methylnaphthalene

Concen: 41.786 ng

RT: 8.62 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

PB128891BS

Tot Ion:142 Resp: 1577388

Ion Ratio Lower Upper

142 100

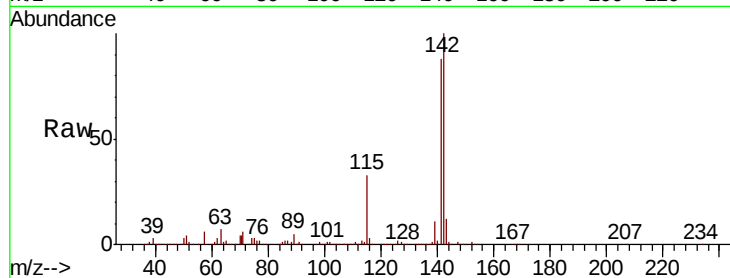
141 88.1 68.8 103.2

115 32.5 25.7 38.5

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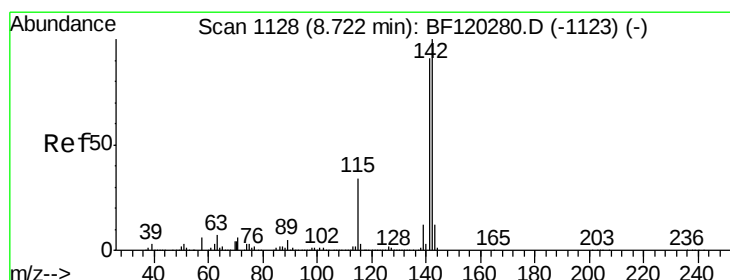
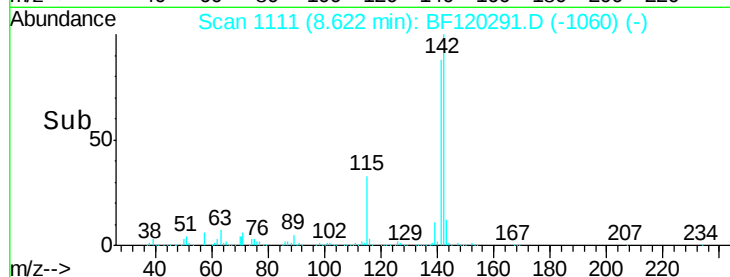
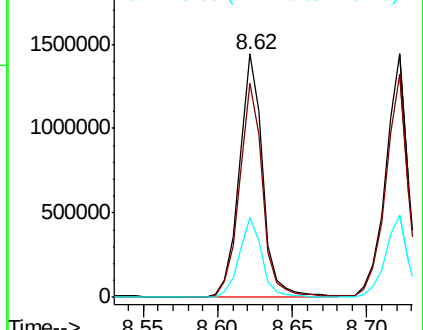


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.450 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

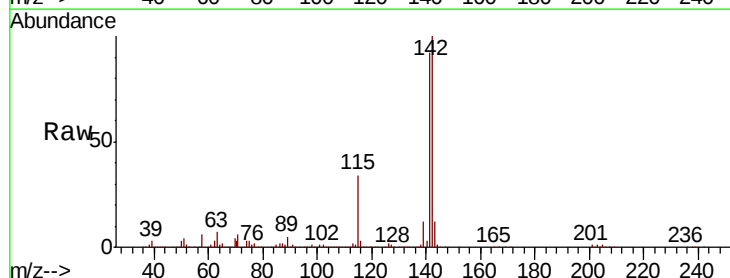
Tgt Ion:142 Resp: 1517580

Ion Ratio Lower Upper

142 100

141 91.9 73.0 109.6

116 3.4 2.7 4.1

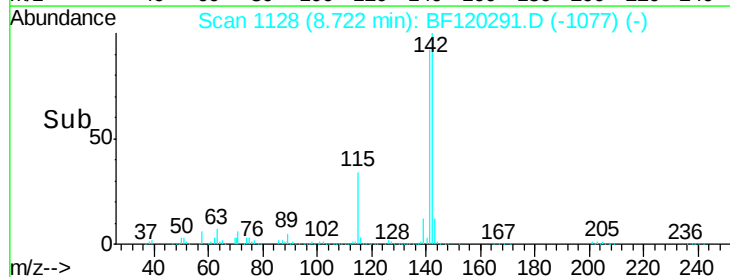
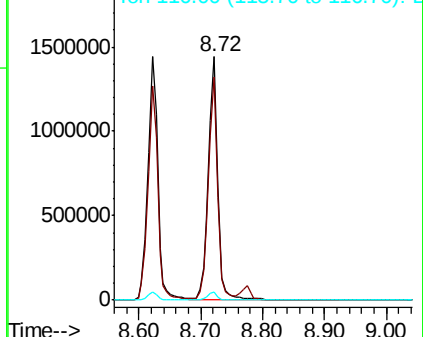


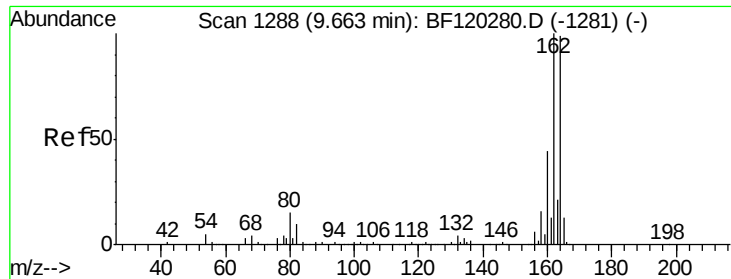
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





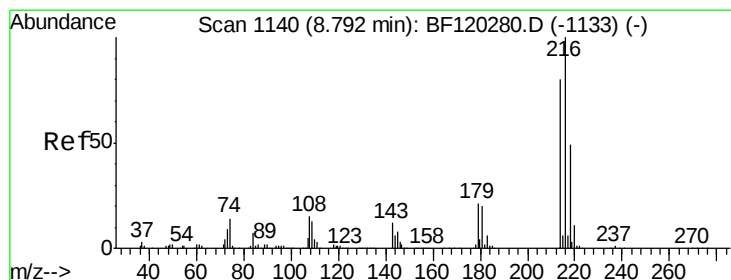
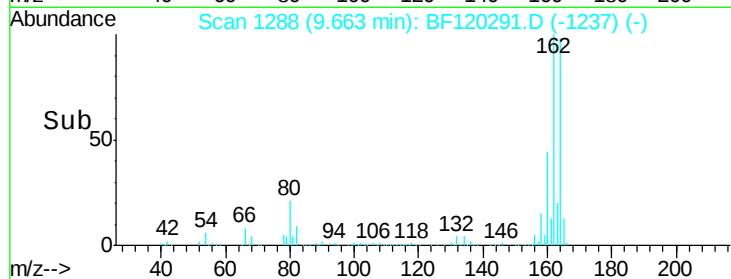
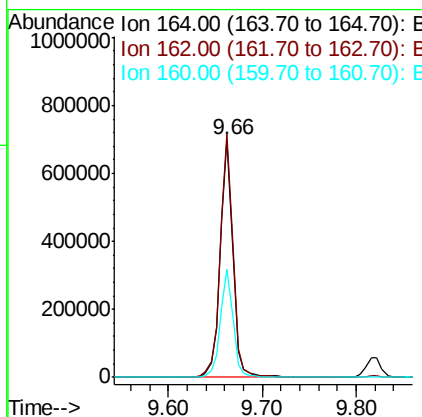
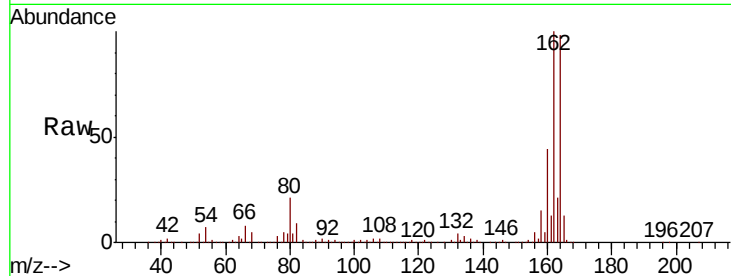
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.66 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB128891BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.4	81.2	121.8	
160	45.4	35.8	53.6	

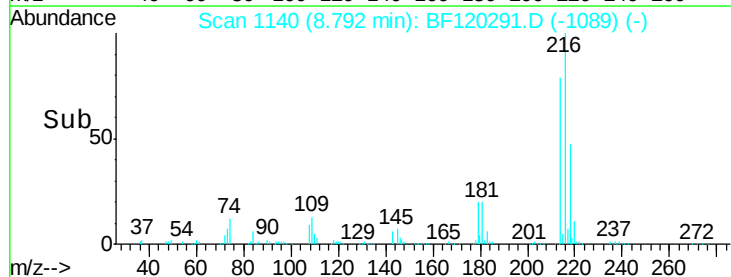
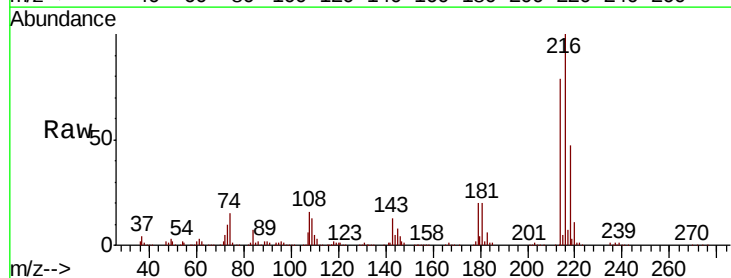
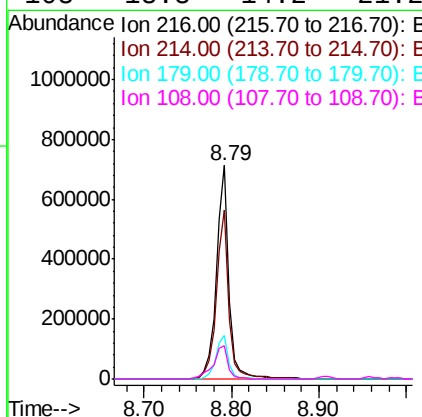
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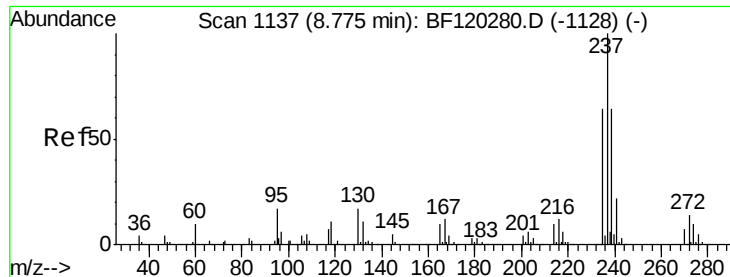
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.201 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.6	64.0	96.0	
179	20.9	16.9	25.3	
108	18.8	14.2	21.2	





#41

Hexachlorocyclopentadiene

Concen: 86.145 ng

RT: 8.77 min Scan# 1137

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

Instrument :

BNA_F

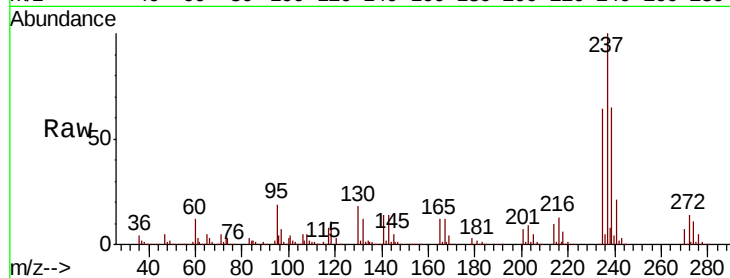
ClientSampleId :

PB128891BS

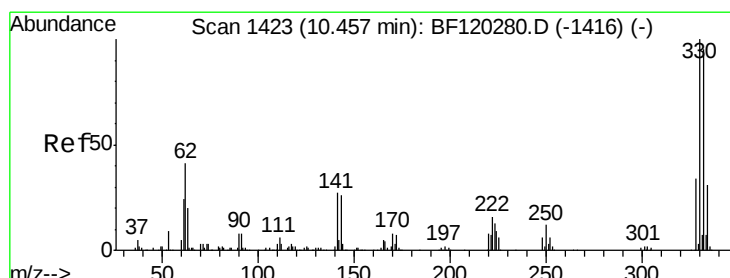
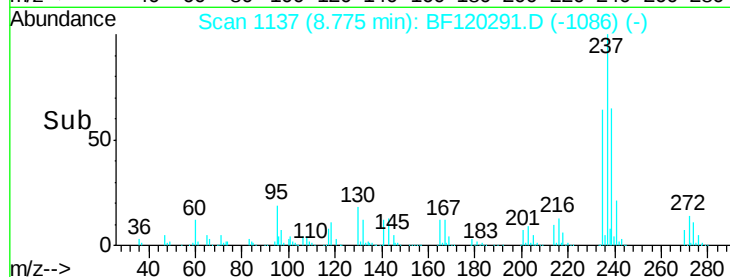
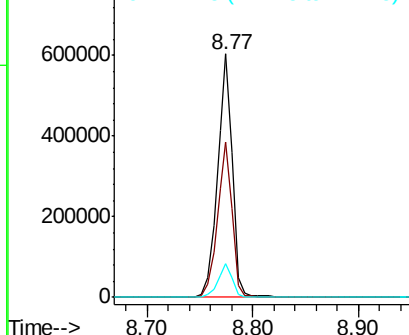
Tot Ion:	237	Resp:	598242
Ion Ratio	Lower	Upper	
237	100		
235	63.5	43.8	83.8
272	14.0	0.0	33.9

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 122.542 ng

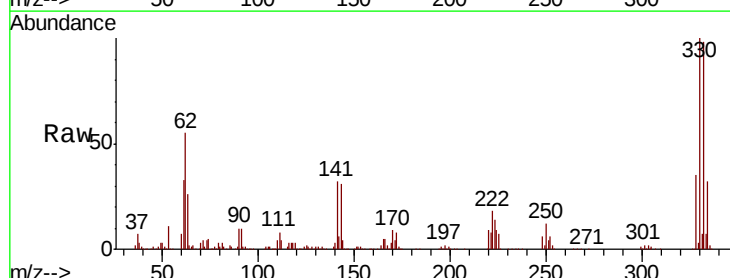
RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

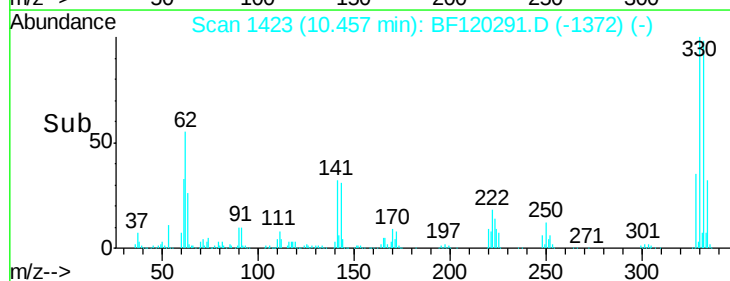
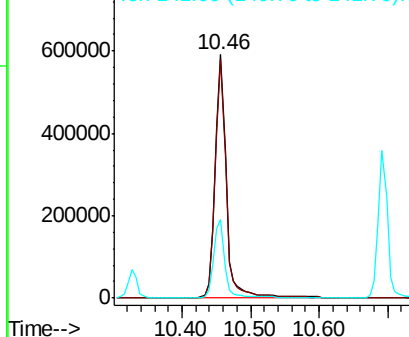
Lab File: BF120291.D

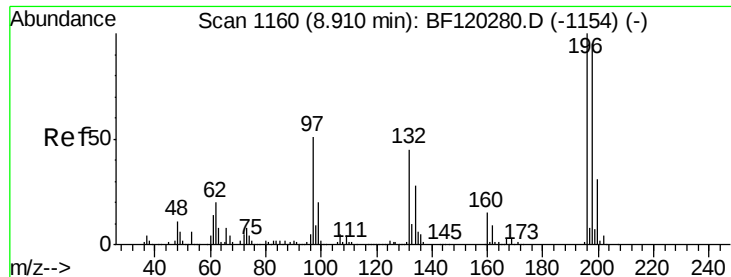
Acq: 14 May 2020 15:31

Tgt Ion:	330	Resp:	662811
Ion Ratio	Lower	Upper	
330	100		
332	96.4	76.5	114.7
141	31.8	25.4	38.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





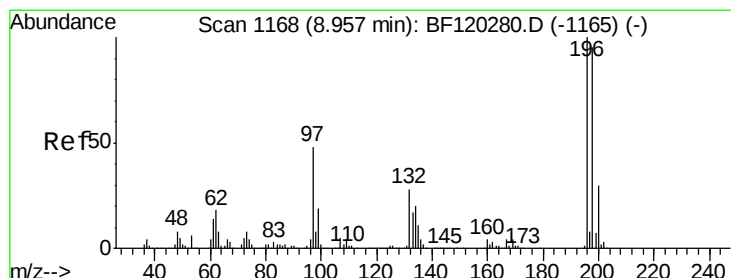
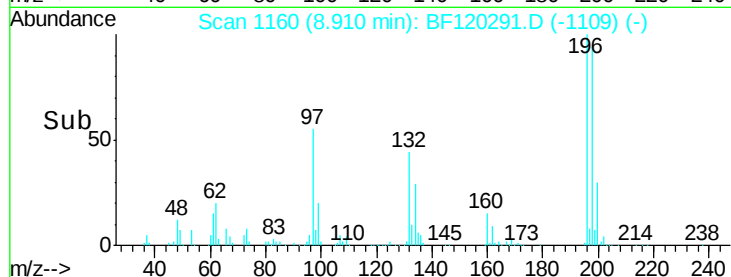
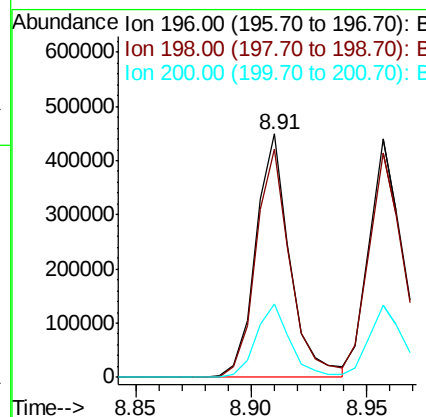
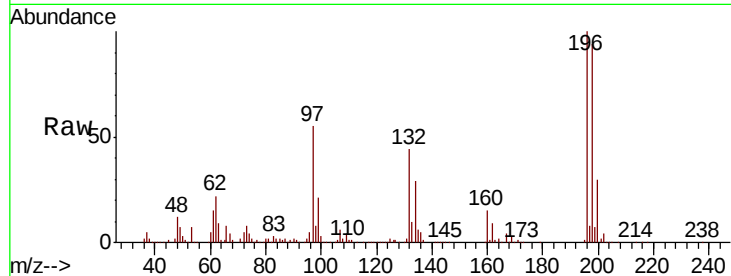
#43
 2,4,6-Trichlorophenol
 Concen: 41.228 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BF120291.D
 Acq: 14 May 2020 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB128891BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	462913		
198	93.8	76.2	114.4	
200	30.3	24.9	37.3	

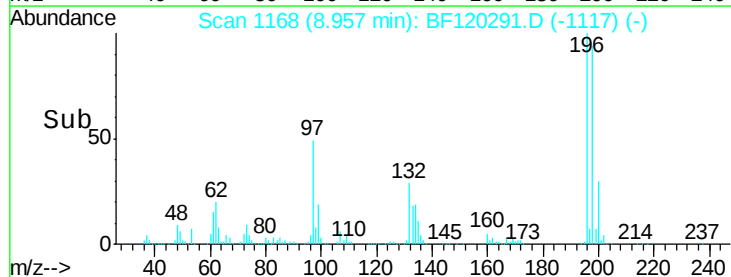
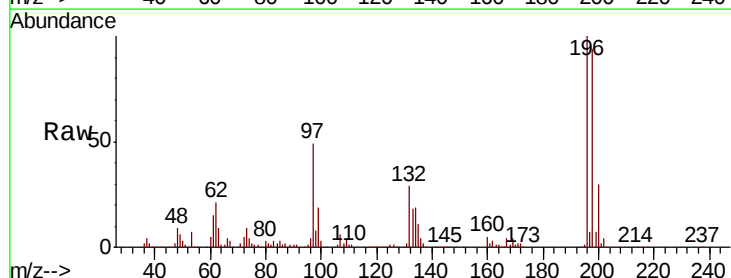
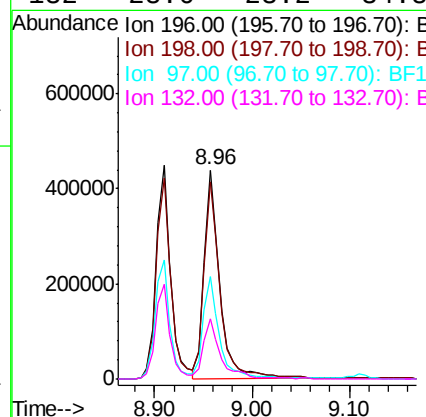
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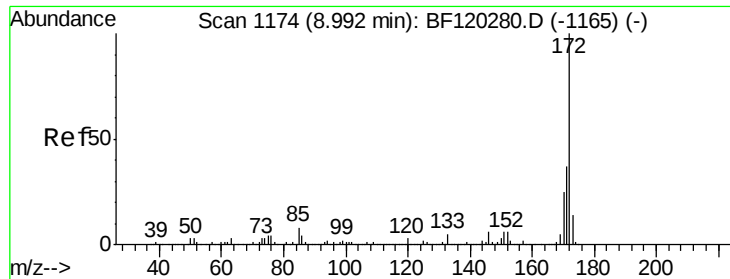
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 38.123 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BF120291.D
 Acq: 14 May 2020 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	491586		
198	94.0	76.2	114.4	
97	48.7	38.6	57.8	
132	28.6	23.2	34.8	





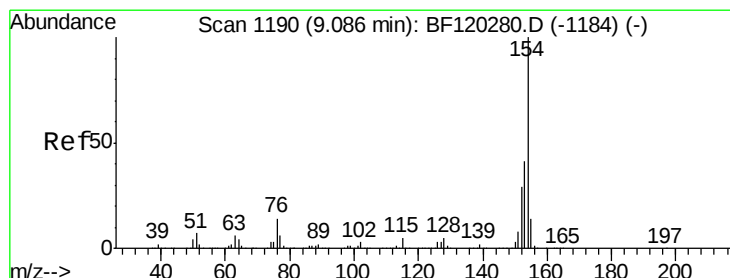
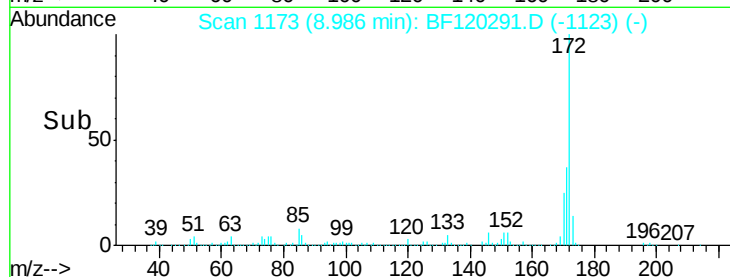
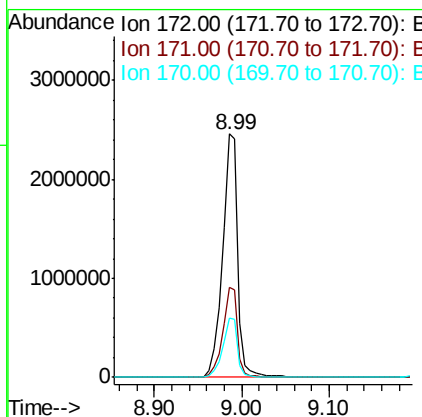
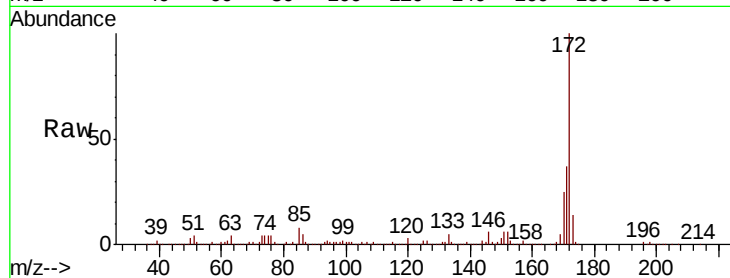
#45
2-Fluorobiphenyl
Concen: 91.470 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB128891BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.6	19.9	29.9

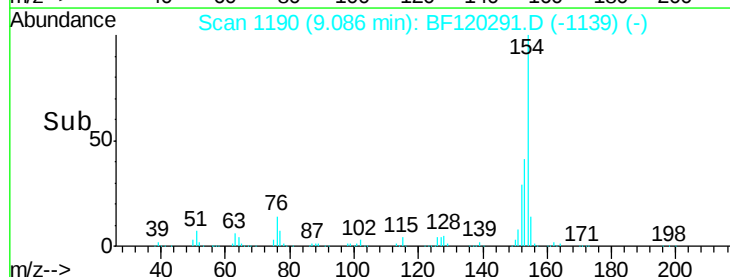
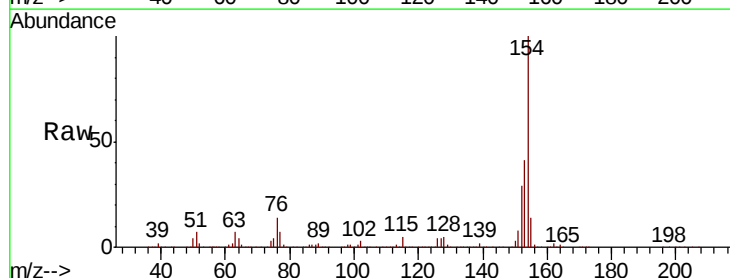
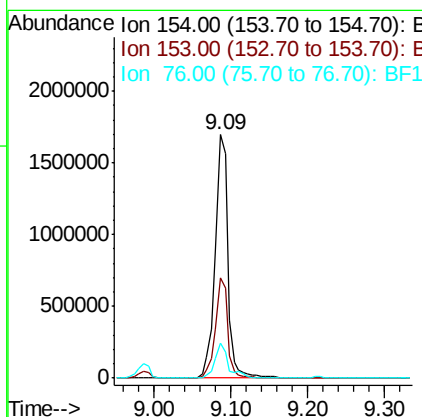
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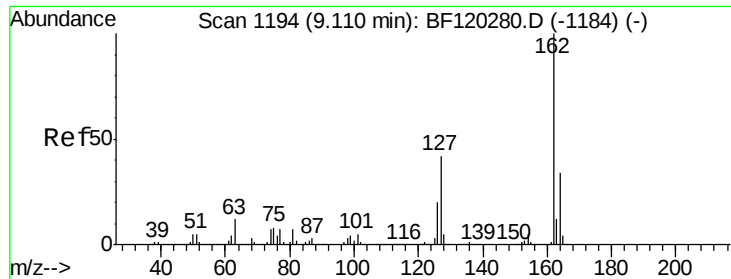
mohammad
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#46
1,1'-Biphenyl
Concen: 44.125 ng
RT: 9.09 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.8	60.8
76	14.2	0.0	34.3





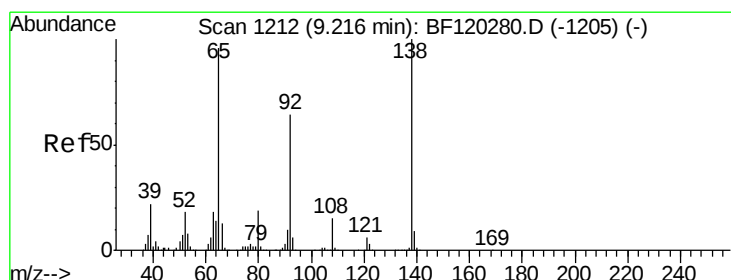
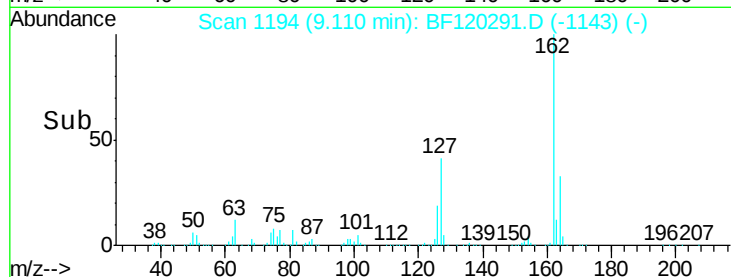
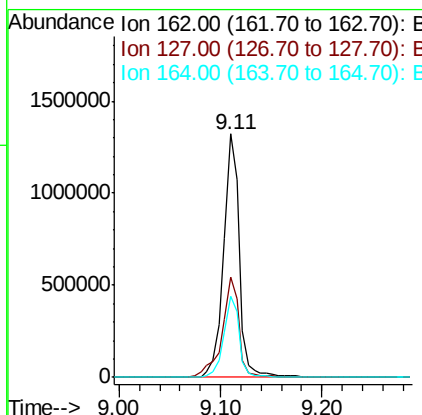
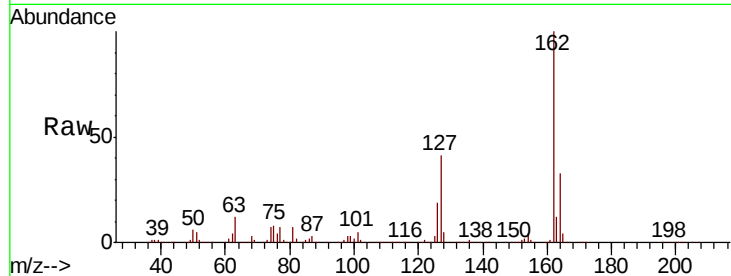
#47
2-Chloronaphthalene
Concen: 40.932 ng
RT: 9.11 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB128891BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.4	33.4	50.0
164	33.1	27.0	40.6

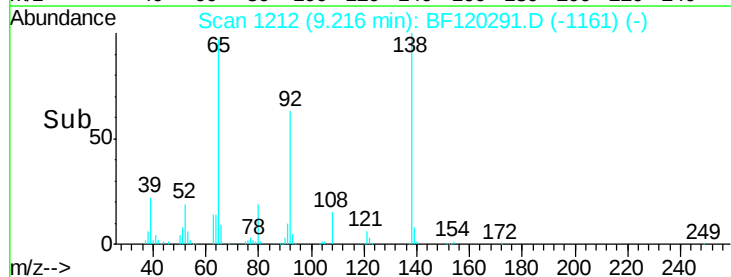
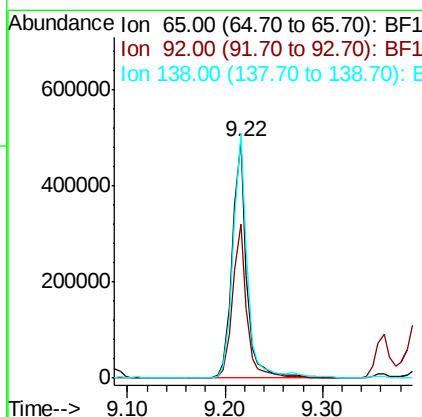
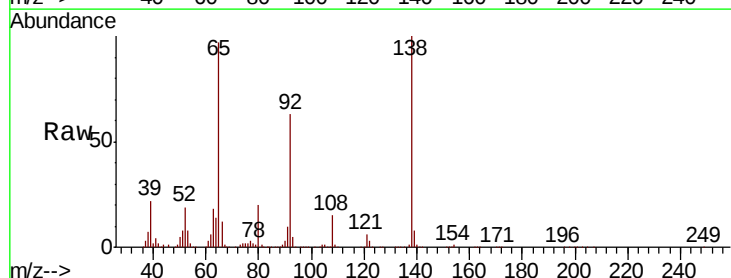
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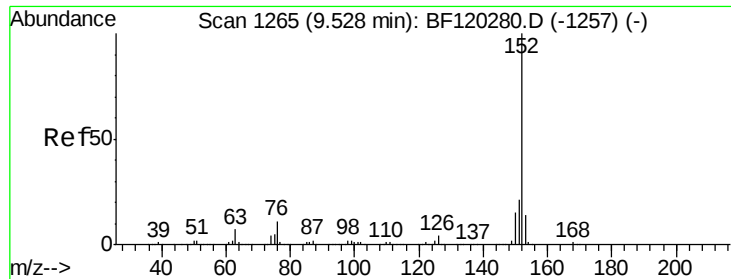
mohammad
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#48
2-Nitroaniline
Concen: 39.838 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.2	52.9	79.3
138	102.8	83.0	124.4





#49

Acenaphthylene

Concen: 42.055 ng

RT: 9.53 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

Instrument :

BNA_F

ClientSampled :

PB128891BS

Tot Ion:152 Resp: 2239820

Ion Ratio Lower Upper

152 100

151 20.8 16.6 25.0

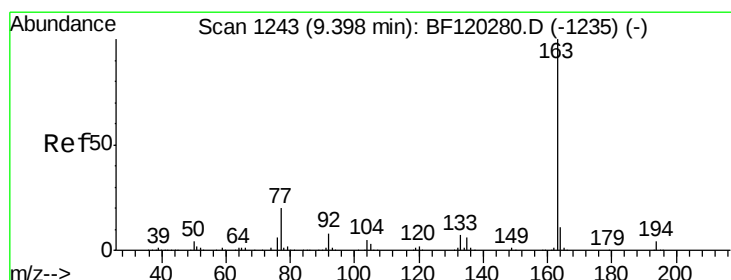
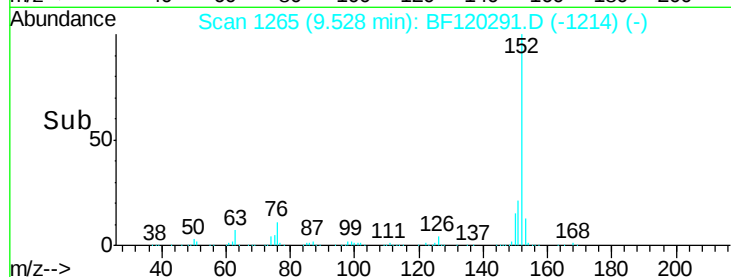
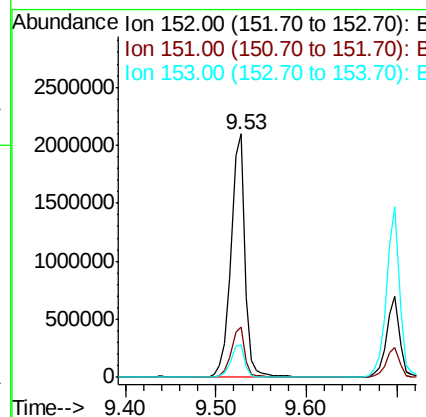
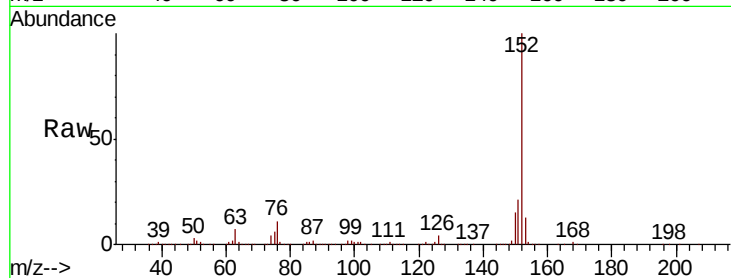
153 13.5 11.1 16.7

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#50

Dimethylphthalate

Concen: 40.228 ng

RT: 9.40 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

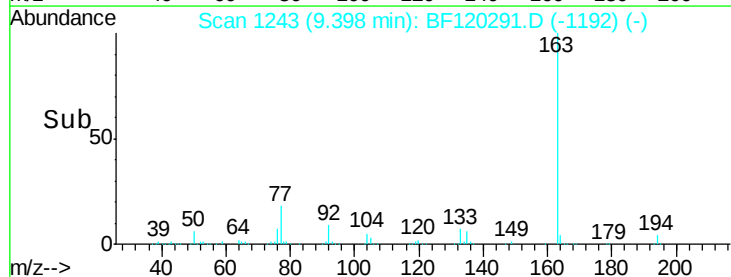
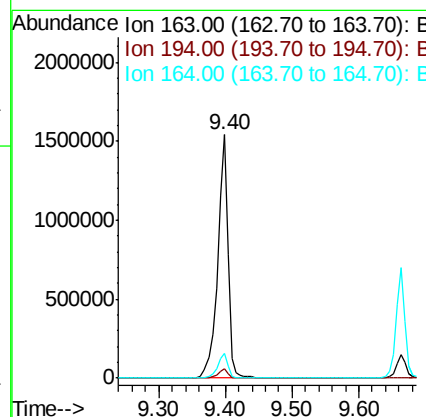
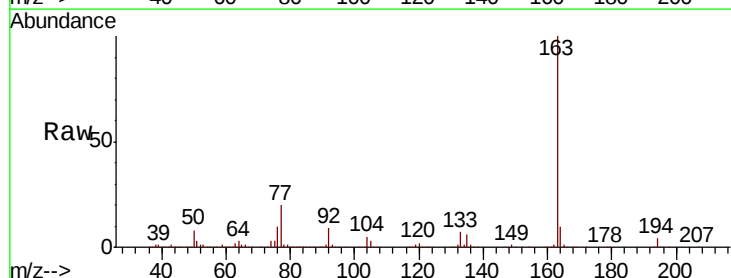
Tgt Ion:163 Resp: 1686985

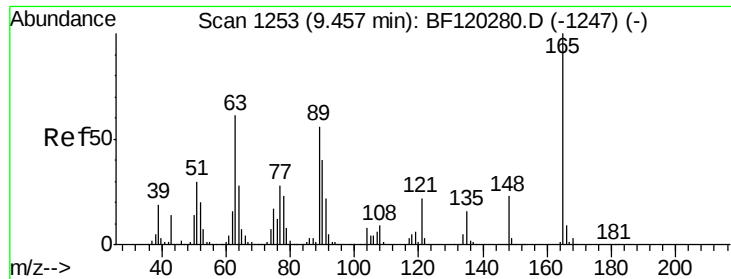
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.1 8.6 12.8





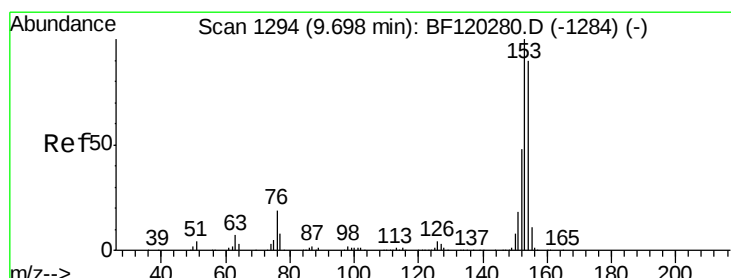
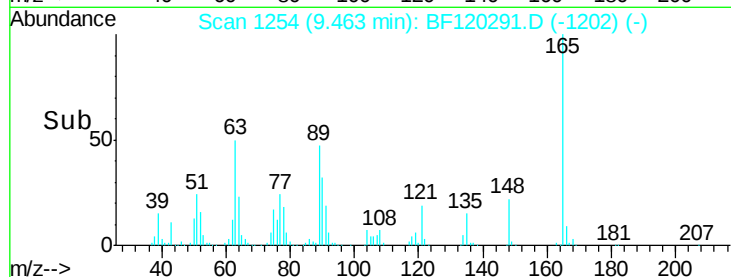
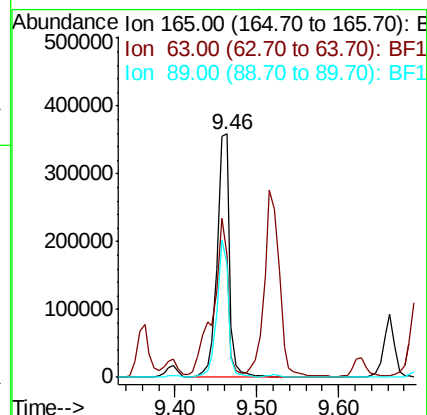
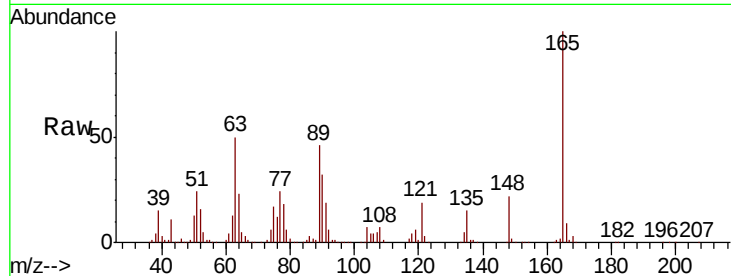
#51
2,6-Dinitrotoluene
Concen: 40.731 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.01 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB128891BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	381226		
63	50.2		50.2	75.2
89	46.5		44.6	66.8

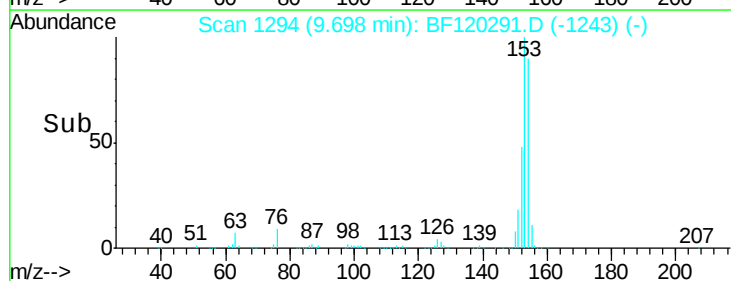
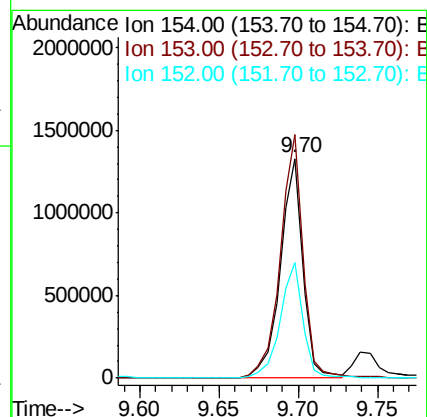
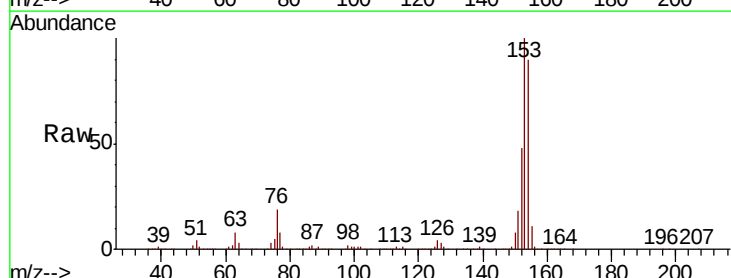
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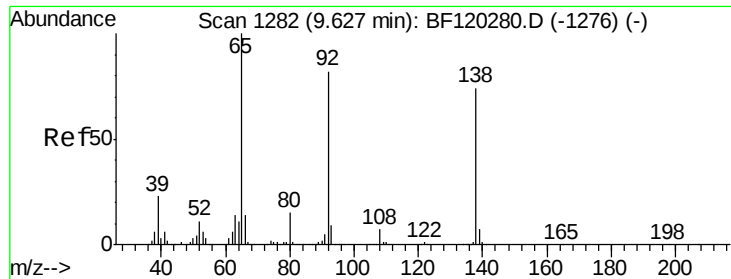
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#52
Acenaphthene
Concen: 41.326 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1319280		
153	110.8		89.0	133.4
152	52.9		42.6	64.0





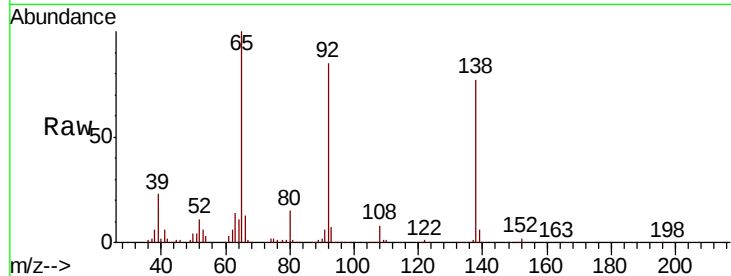
#53
3-Nitroaniline
Concen: 16.295 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB128891BS

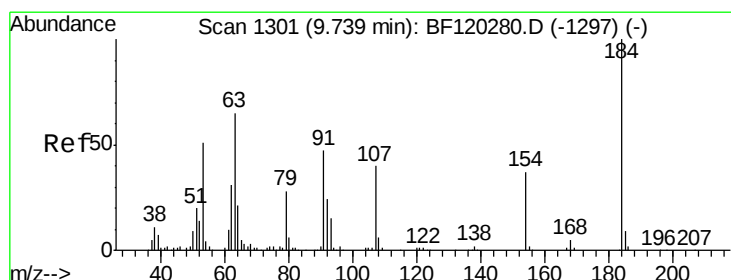
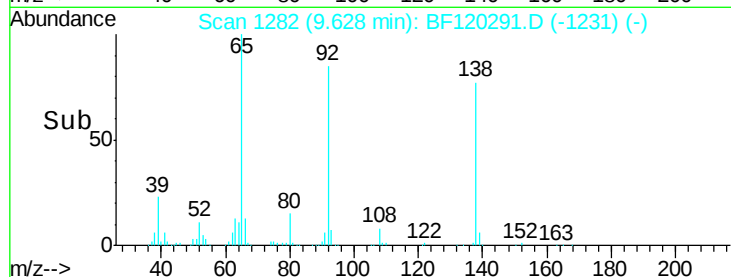
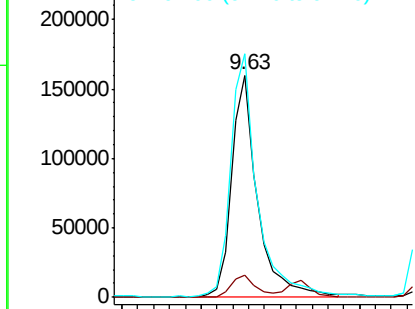
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.2	12.2
92	109.6	89.6	134.4

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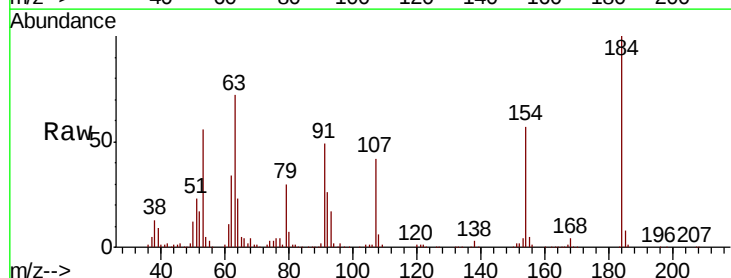


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

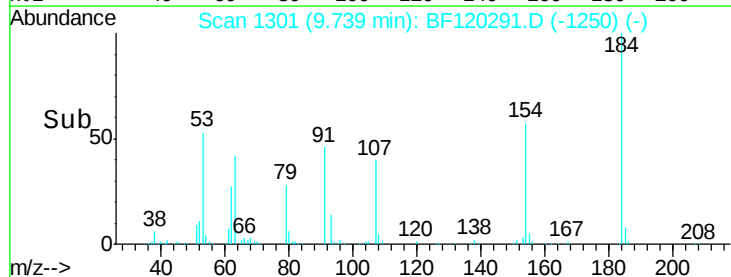
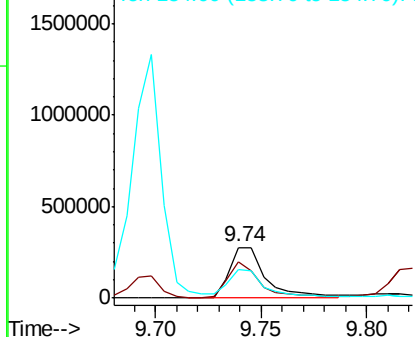


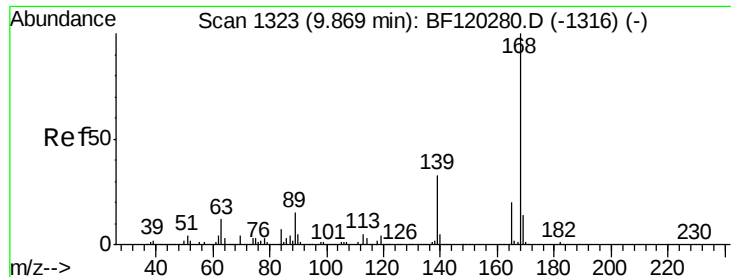
#54
2,4-Dinitrophenol
Concen: 75.706 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Tgt Ion	Ratio	Lower	Upper
184	100		
63	71.7	53.6	80.4
154	57.1	46.8	70.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





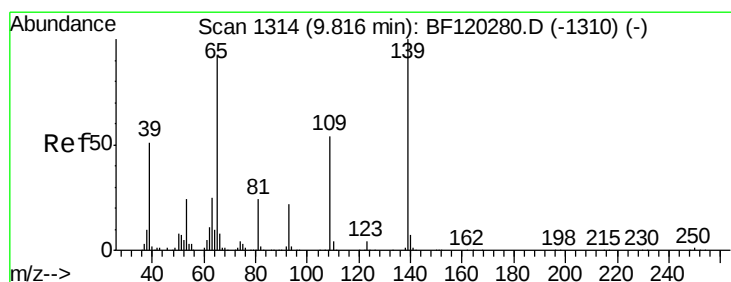
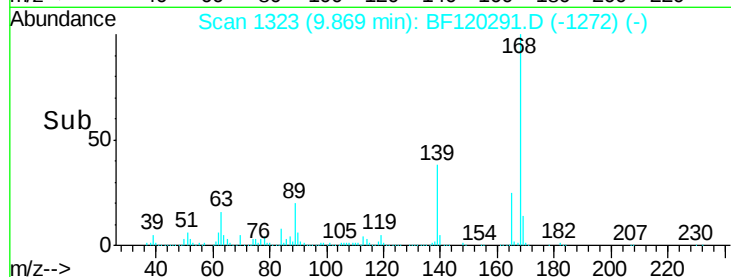
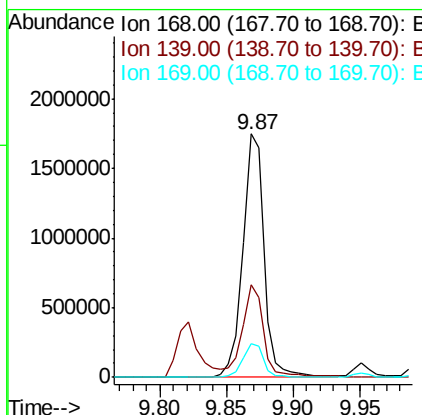
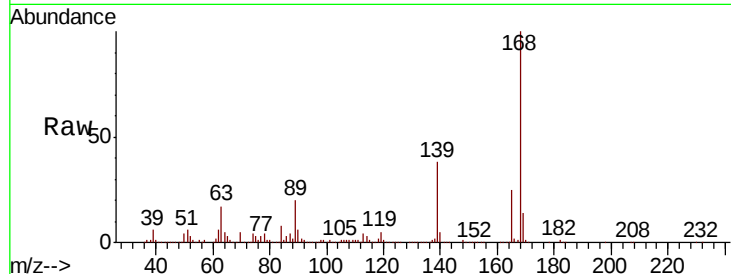
#55
Dibenzenofuran
Concen: 42.051 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB128891BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.3	29.8	44.6
169	13.9	11.0	16.6

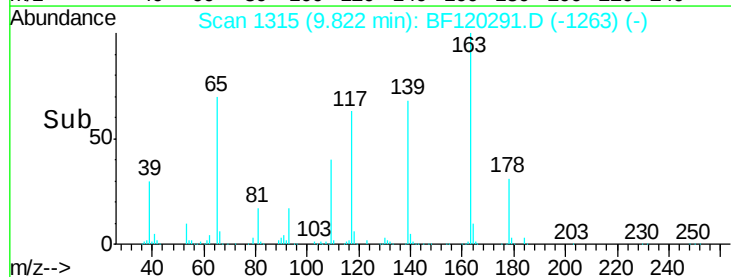
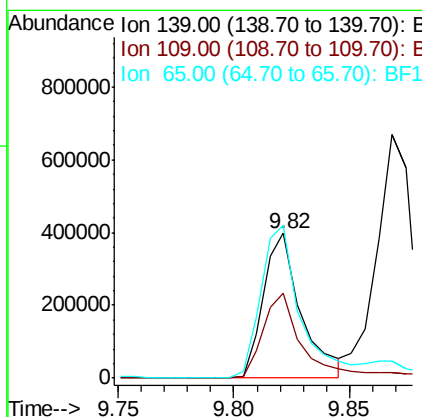
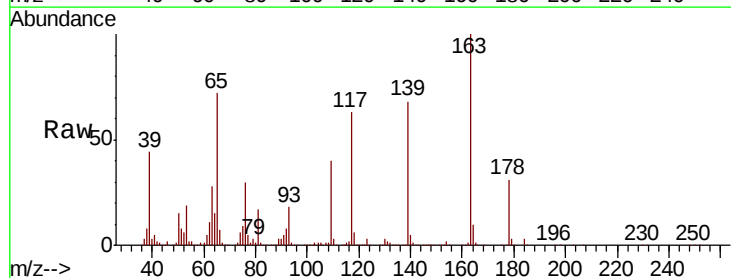
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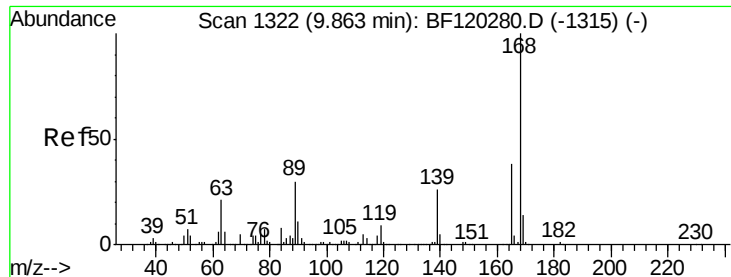
mohammad
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#56
4-Nitrophenol
Concen: 75.849 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Tgt Ion	Ratio	Lower	Upper
139	100		
109	58.2	34.6	74.6
65	105.1	73.3	113.3





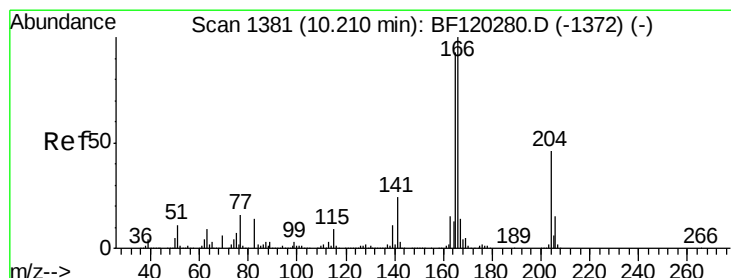
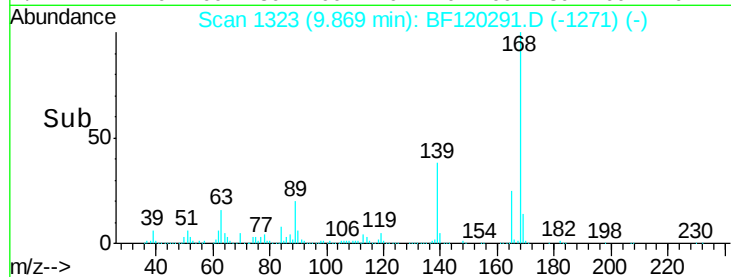
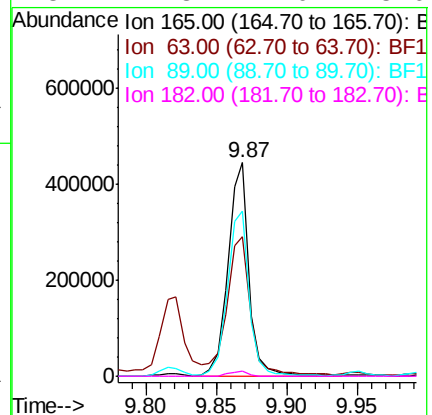
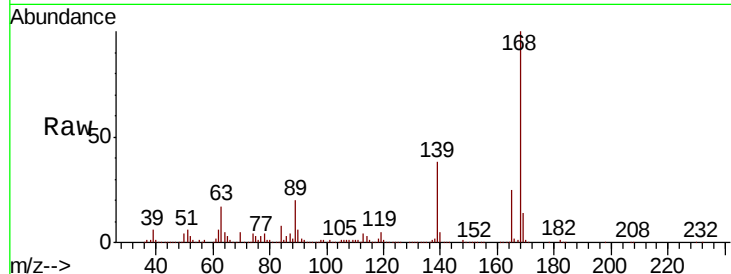
#57
 2,4-Dinitrotoluene
 Concen: 41.164 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: BF120291.D
 Acq: 14 May 2020 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB128891BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	451944		
63	65.4	51.8	77.8	
89	77.1	64.2	96.4	
182	2.3	2.0	3.0	

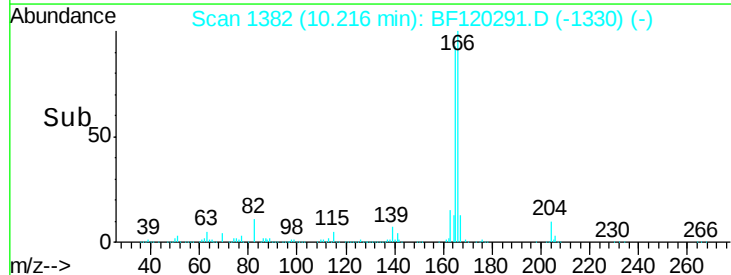
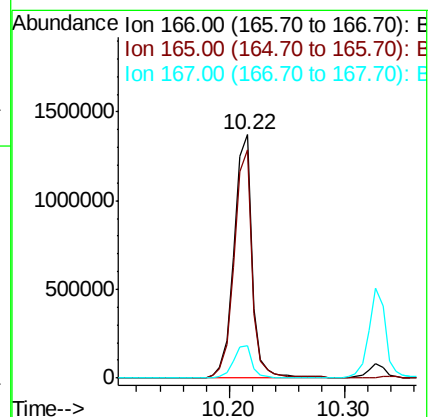
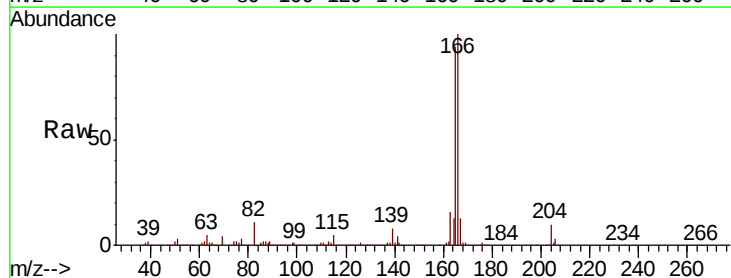
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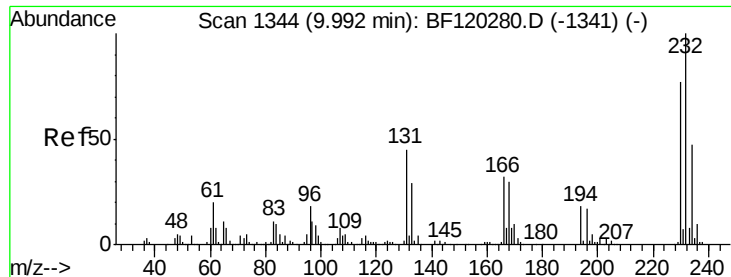
mohammad
 5/18/2020 1:31:46 PM



#58
 Fluorene
 Concen: 42.743 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: BF120291.D
 Acq: 14 May 2020 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1496491		
165	93.5	74.7	112.1	
167	13.4	11.4	17.0	





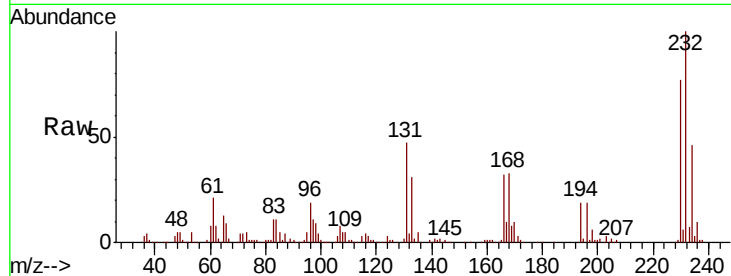
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.015 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: BF120291.D
 Acq: 14 May 2020 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB128891BS

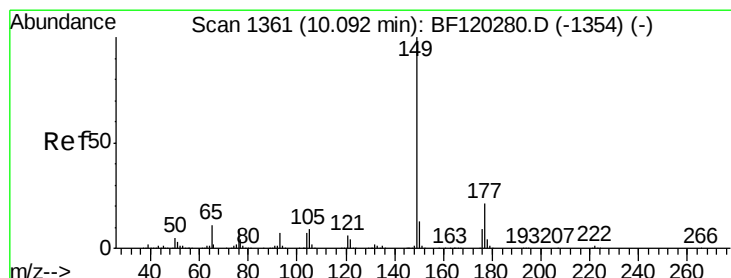
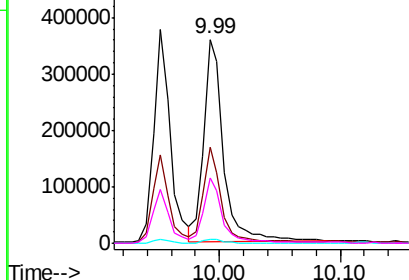
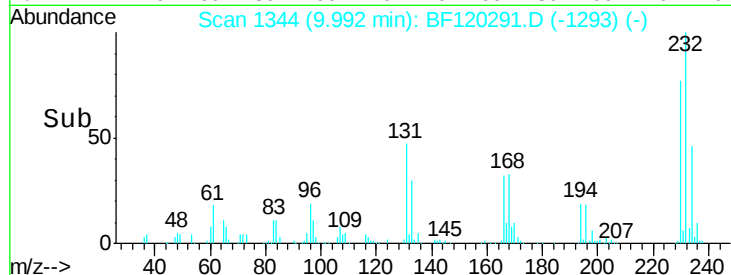
Tot Ion	Ratio	Resp	Lower	Upper
232	100	407719		
131	44.7		34.1	51.1
130	2.4		1.7	2.5
166	29.6		23.3	34.9

Manual Integrations
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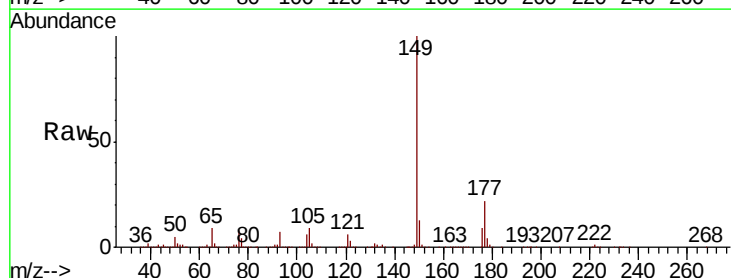


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

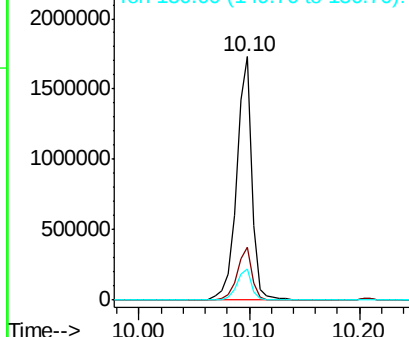
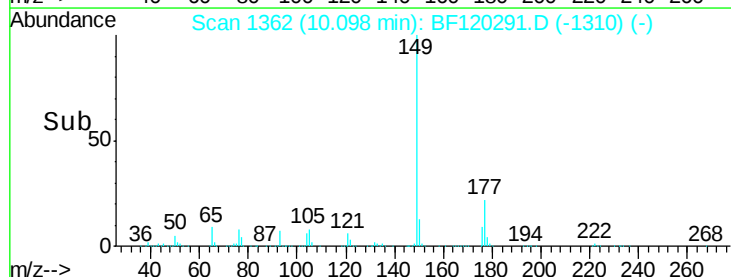


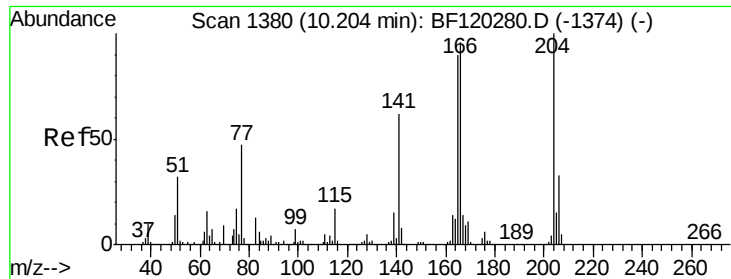
#60
 Diethylphthalate
 Concen: 41.316 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: BF120291.D
 Acq: 14 May 2020 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1672688		
177	21.7		17.1	25.7
150	12.8		10.3	15.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





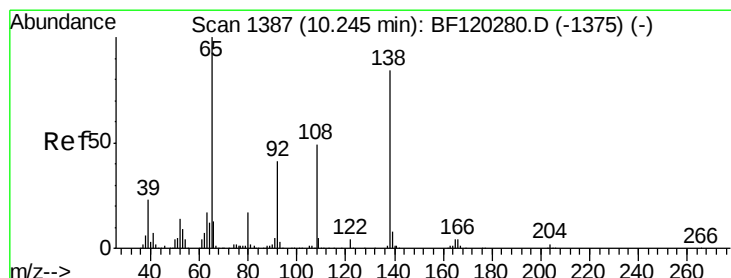
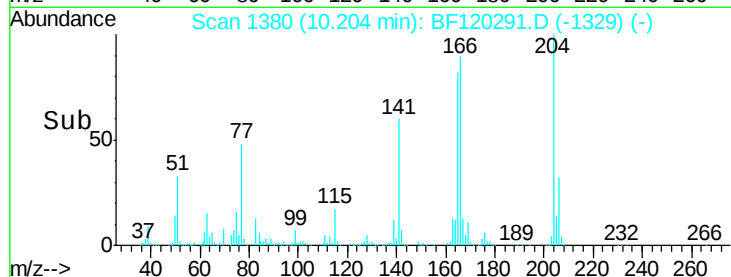
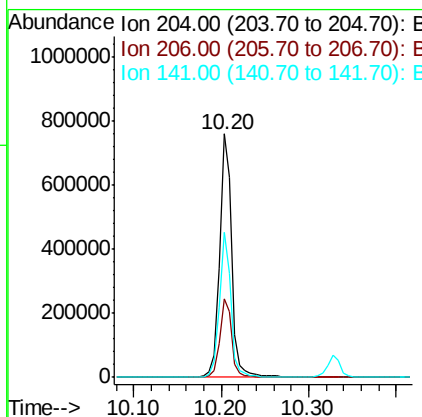
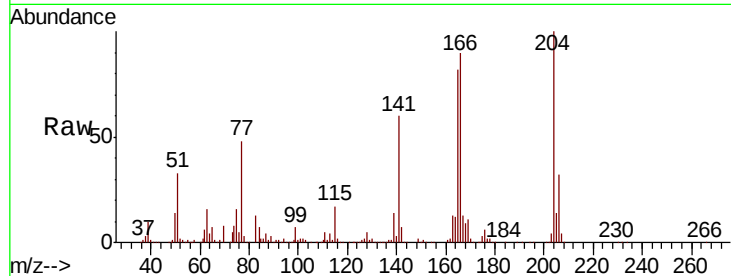
#61
 4-Chlorophenyl-phenylether
 Concen: 40.105 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. 0.00 min
 Lab File: BF120291.D
 Acq: 14 May 2020 15:31

Instrument :
 BNA_F
 ClientSampled :
 PB128891BS

Tot Ion:	204	Resp:	730042
Ion Ratio	Lower	Upper	
204	100		
206	32.3	26.8	40.2
141	59.8	49.5	74.3

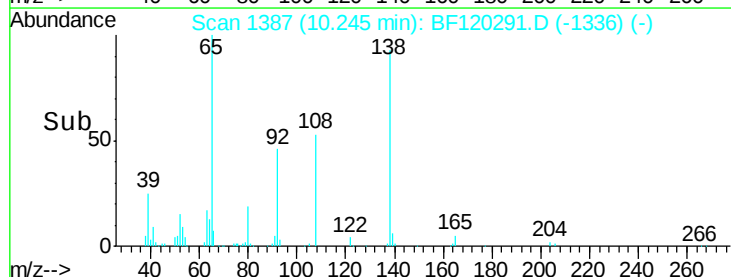
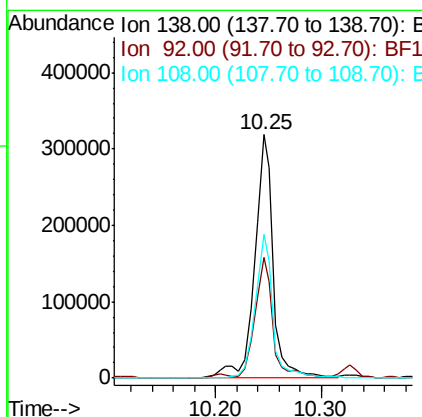
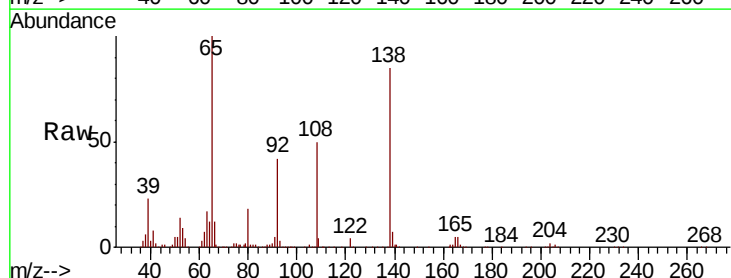
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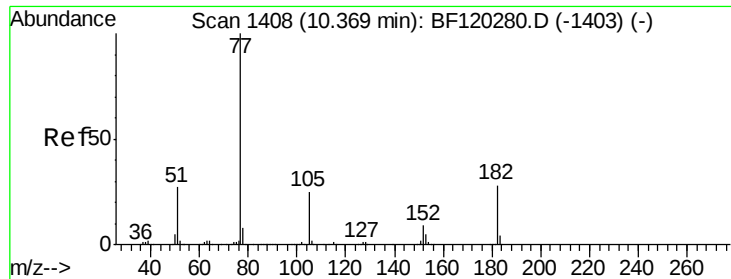
mohammad
 5/18/2020 1:31:46 PM



#62
 4-Nitroaniline
 Concen: 38.078 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF120291.D
 Acq: 14 May 2020 15:31

Tgt Ion:	138	Resp:	395752
Ion Ratio	Lower	Upper	
138	100		
92	49.5	28.9	68.9
108	59.0	38.4	78.4





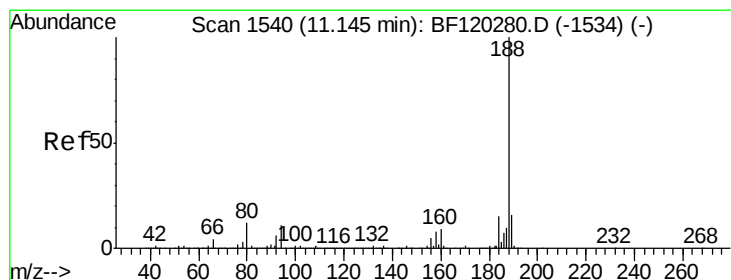
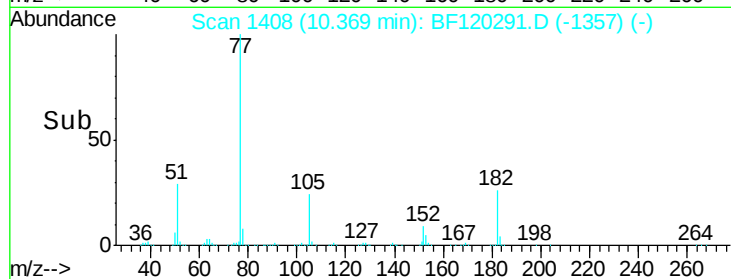
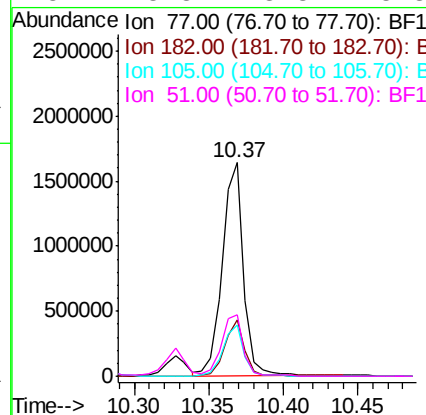
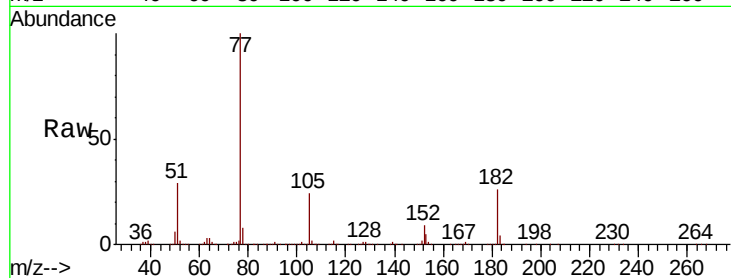
#63
Azobenzene
Concen: 42.582 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB128891BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.1	7.4	47.4	
105	23.7	4.4	44.4	
51	28.8	8.3	48.3	

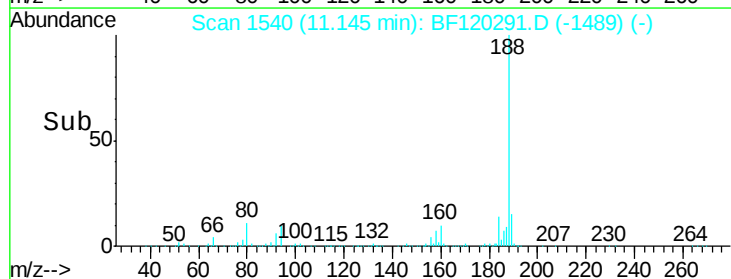
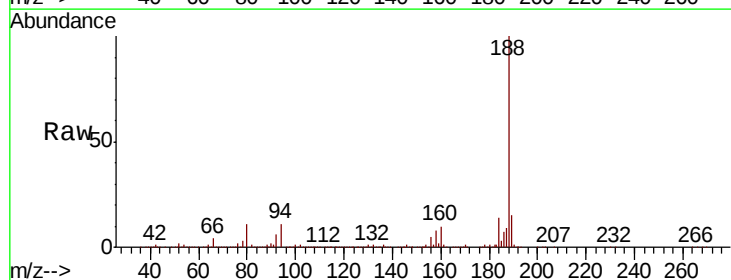
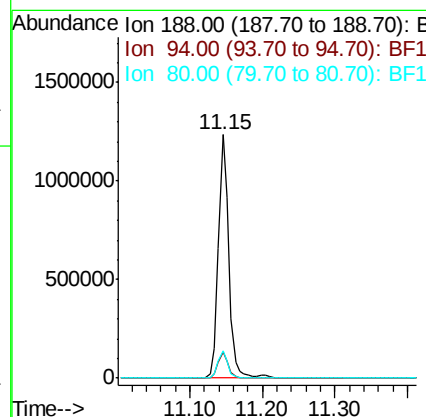
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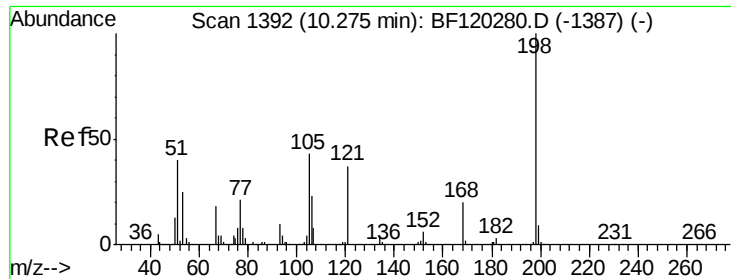
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.7	8.6	13.0	
80	11.0	9.2	13.8	





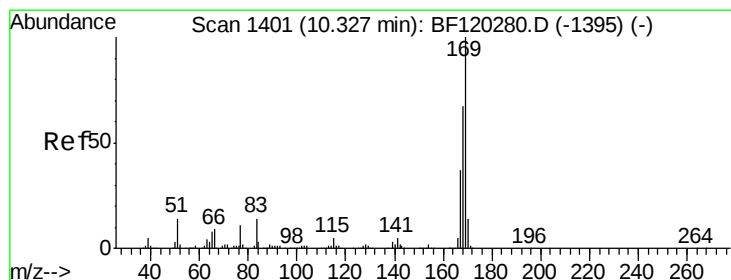
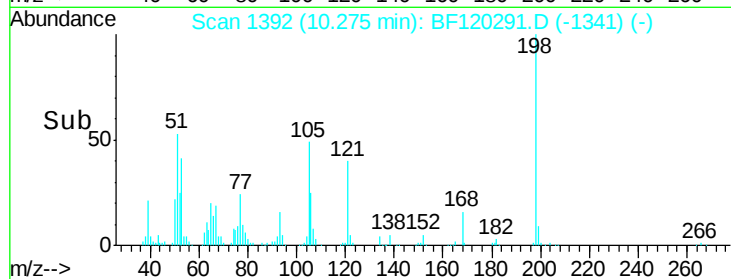
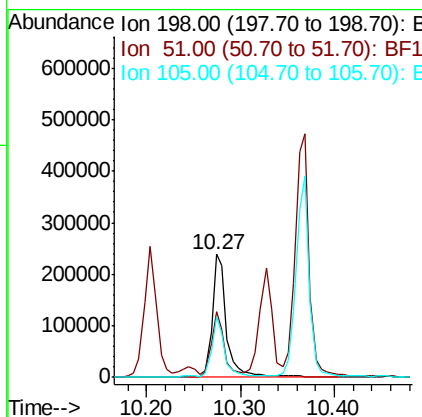
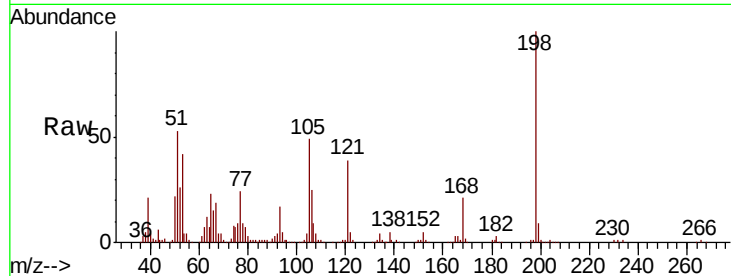
#65
4,6-Dinitro-2-methylphenol
Concen: 41.294 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB128891BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	259899		
51	53.2		27.1	67.1
105	49.1		24.3	64.3

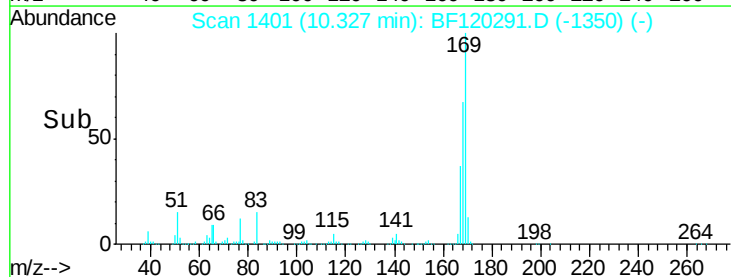
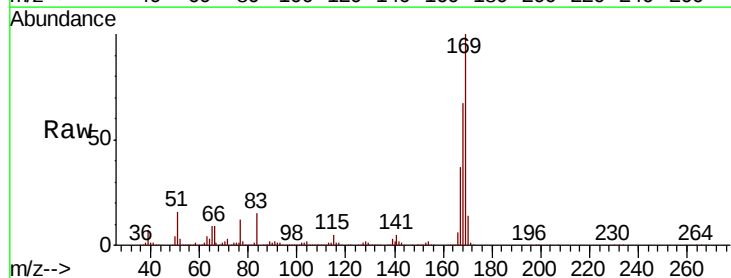
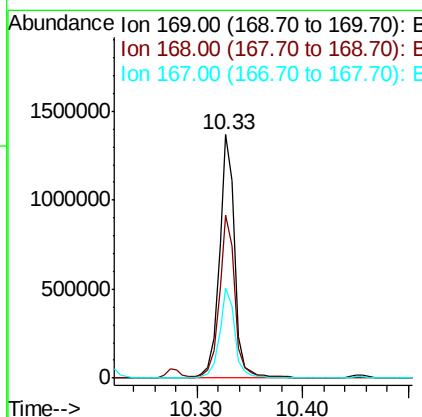
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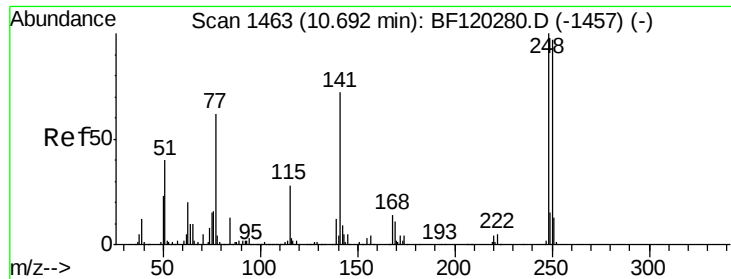
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 40.415 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1391494		
168	67.0		53.7	80.5
167	36.8		29.8	44.6





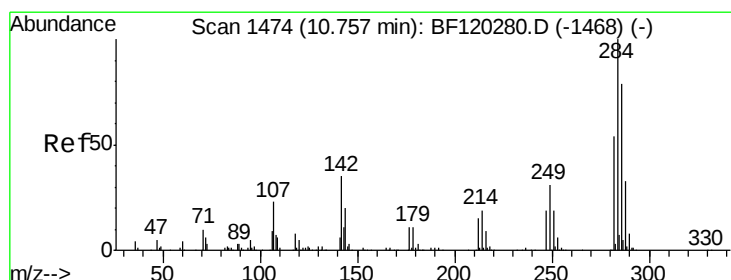
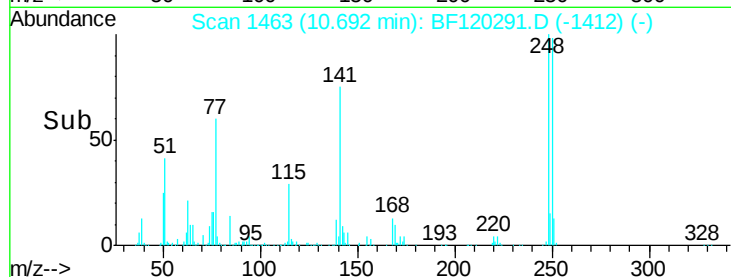
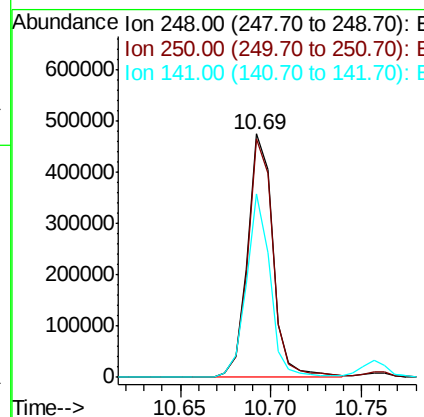
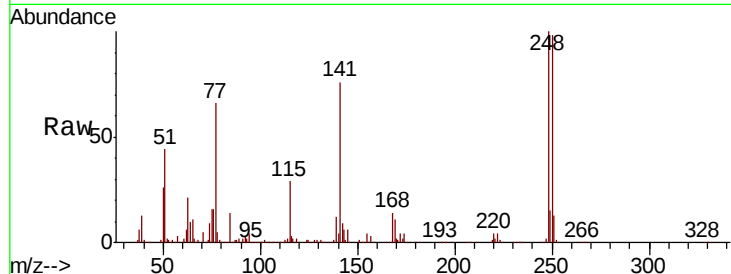
#67
4-Bromophenyl-phenylether
Concen: 38.297 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB128891BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	77.8	116.6
141	75.5	57.7	86.5

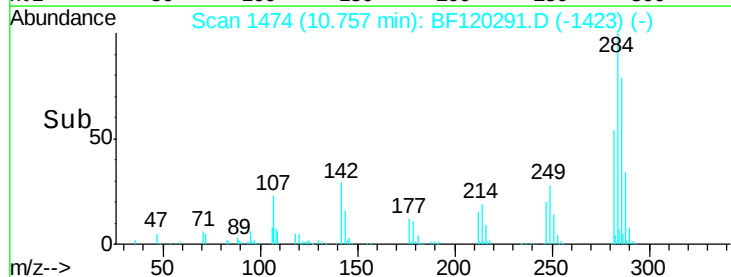
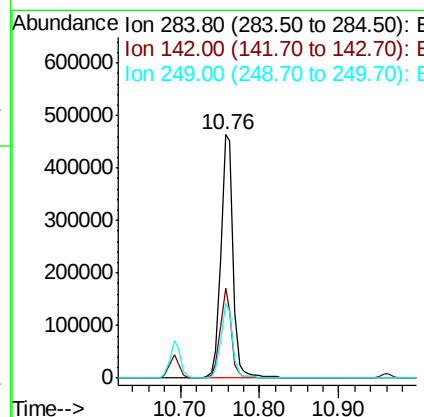
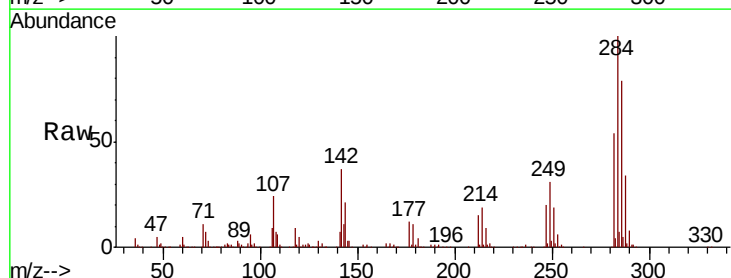
Manual Integrations
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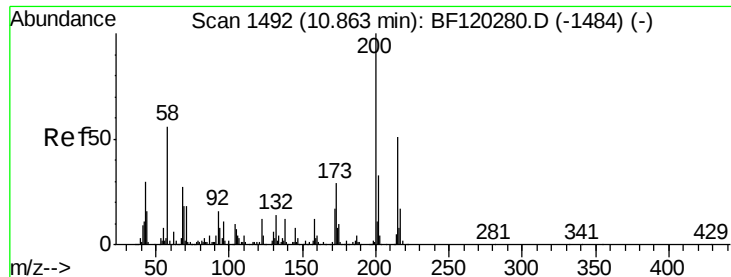
mohammad
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#68
Hexachlorobenzene
Concen: 39.517 ng
RT: 10.76 min Scan# 1474
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.9	28.5	42.7
249	30.7	24.8	37.2





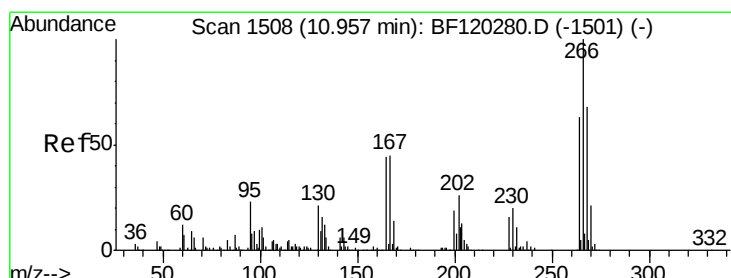
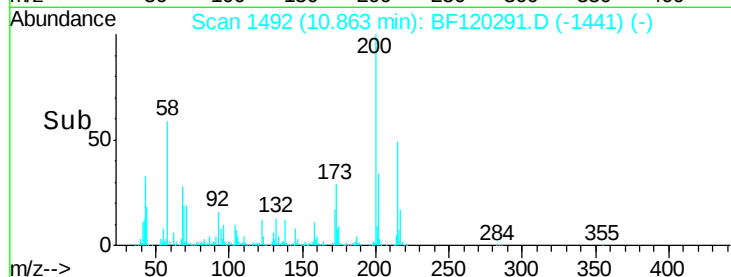
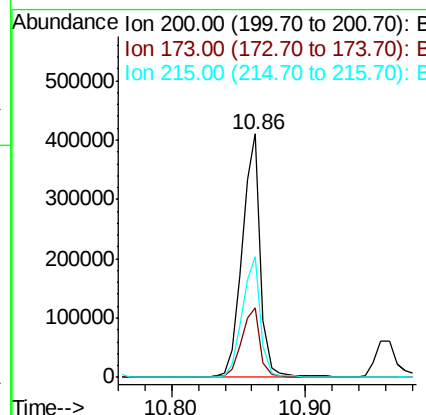
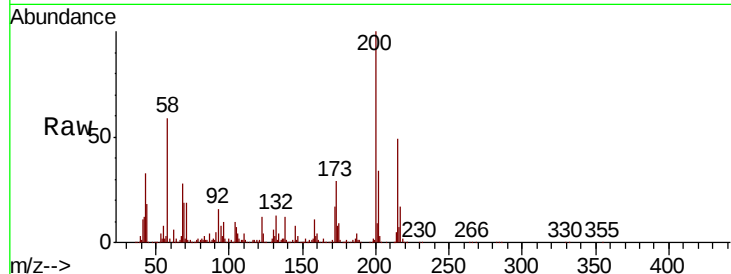
#69
Atrazine
Concen: 38.217 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB128891BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.6	8.7	48.7
215	49.3	30.6	70.6

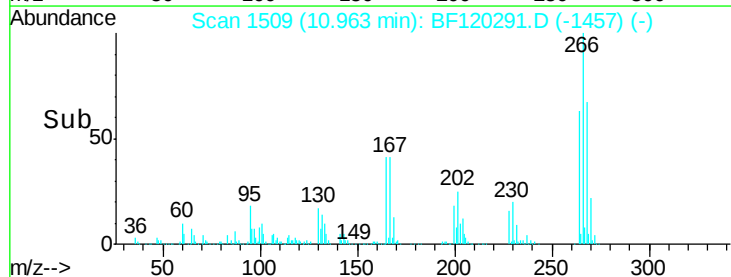
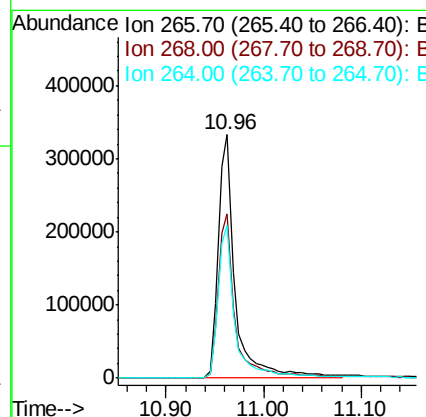
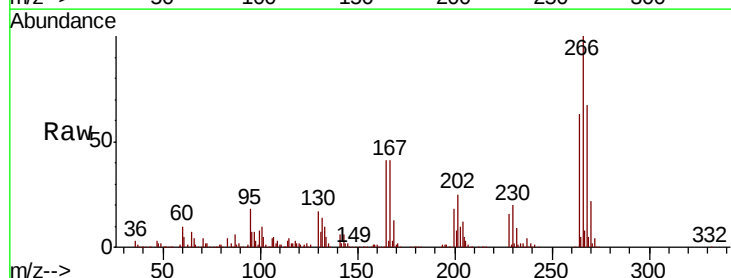
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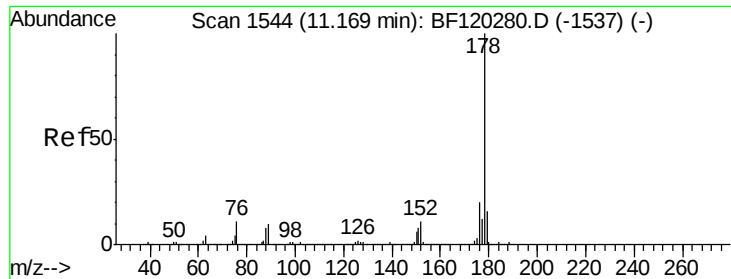
mohammad
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#70
Pentachlorophenol
Concen: 74.972 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.3	54.2	81.4
264	62.6	50.2	75.4





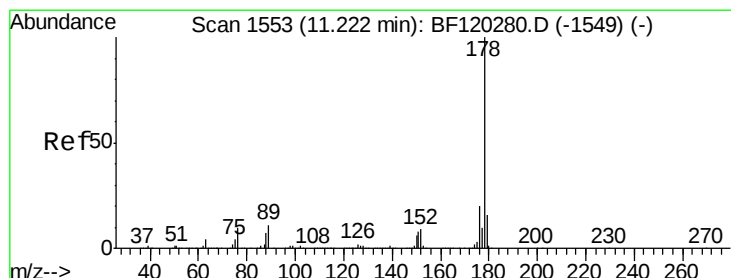
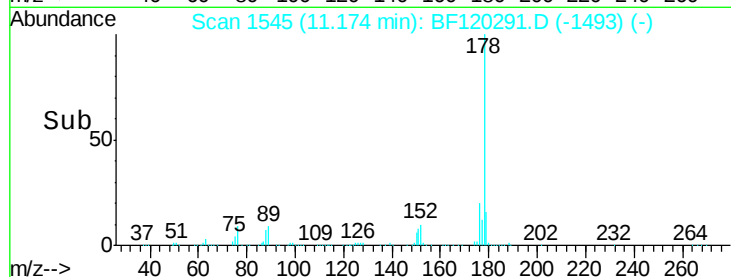
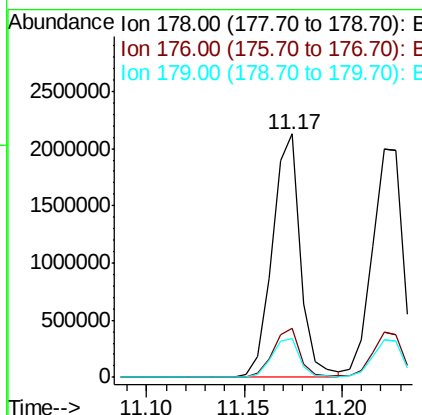
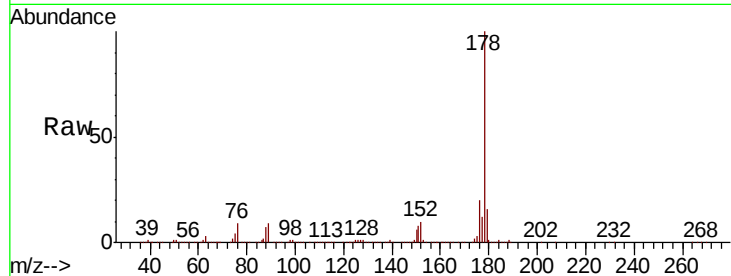
#71
Phenanthrene
Concen: 40.495 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB128891BS

Tot Ion:178 Resp: 2117642
Ion Ratio Lower Upper
178 100
176 20.3 15.8 23.8
179 16.0 12.8 19.2

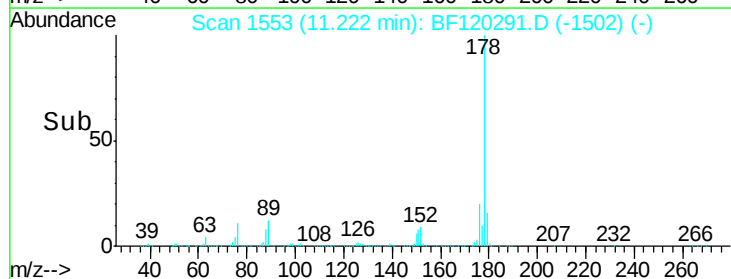
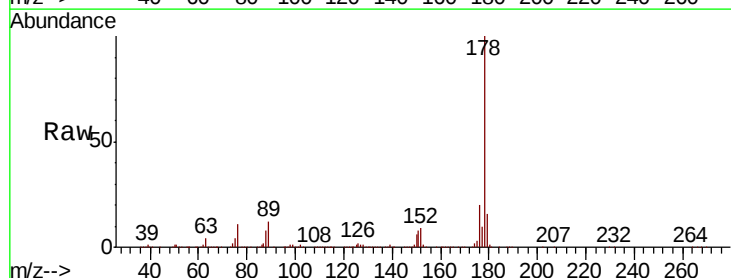
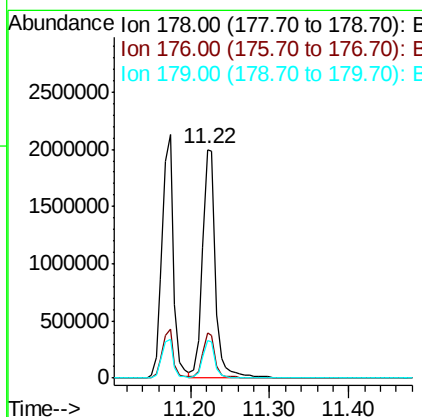
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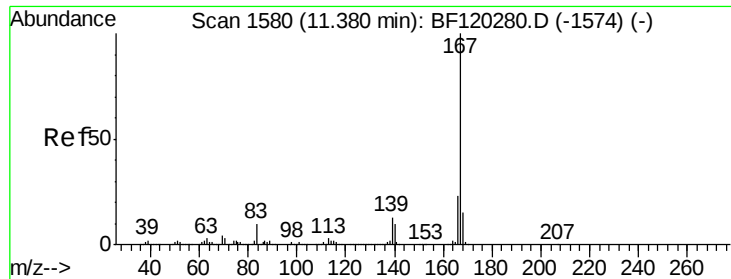
mohammad
5/18/2020 1:31:46 PM



#72
Anthracene
Concen: 41.829 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Tgt Ion:178 Resp: 2341684
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 16.5 13.0 19.6





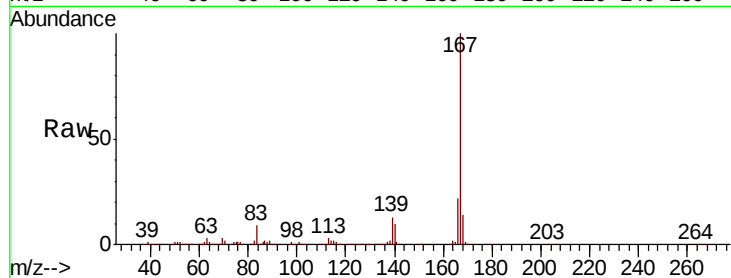
#73
 Carbazole
 Concen: 40.150 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. 0.01 min
 Lab File: BF120291.D
 Acq: 14 May 2020 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB128891BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.1	27.1
139	12.5	10.6	15.8

Manual Integrations
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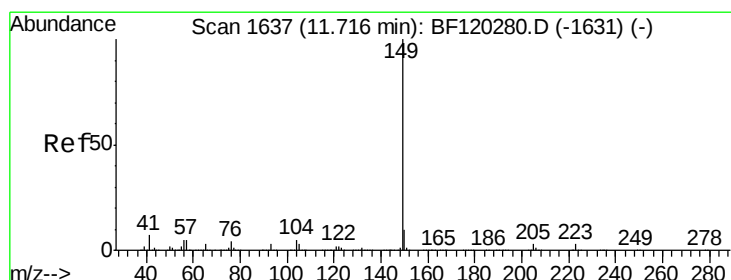
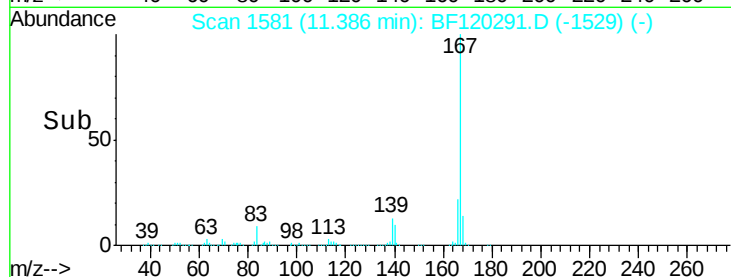
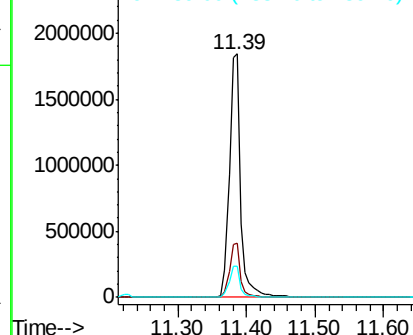


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 41.941 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BF120291.D
 Acq: 14 May 2020 15:31

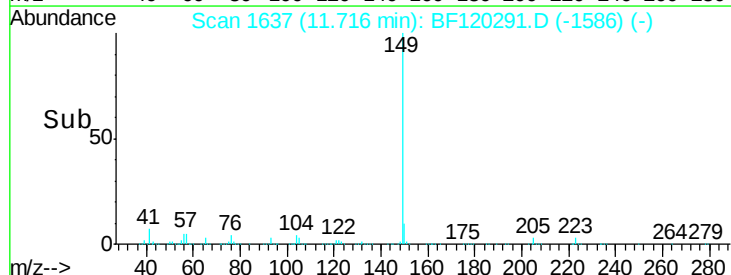
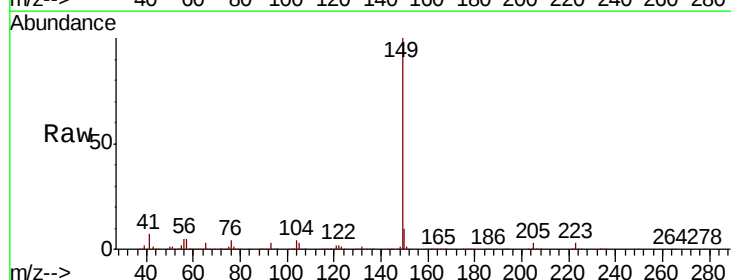
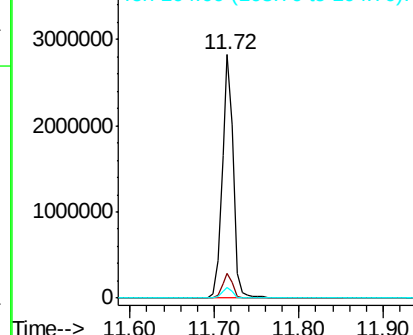
Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.2	12.4
104	4.5	3.8	5.8

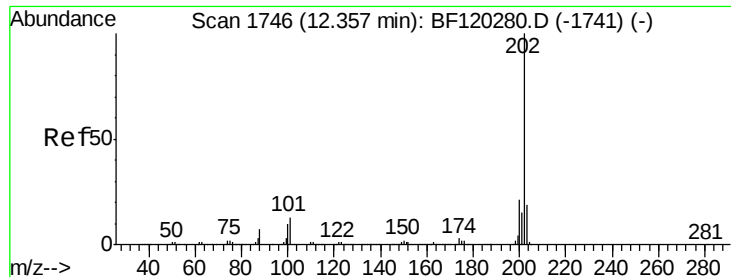
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.131 ng

RT: 12.36 min Scan# 1746

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

PB128891BS

Tot Ion:202 Resp: 2361449

Ion Ratio Lower Upper

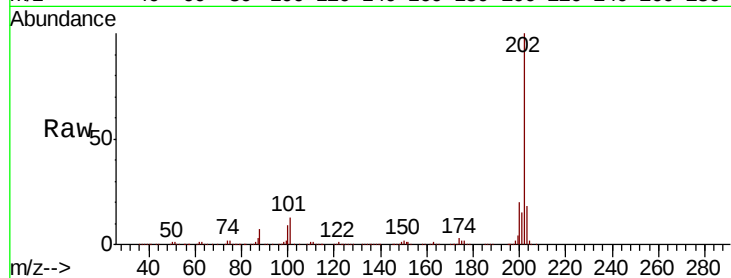
202 100

101 12.9 0.0 33.2

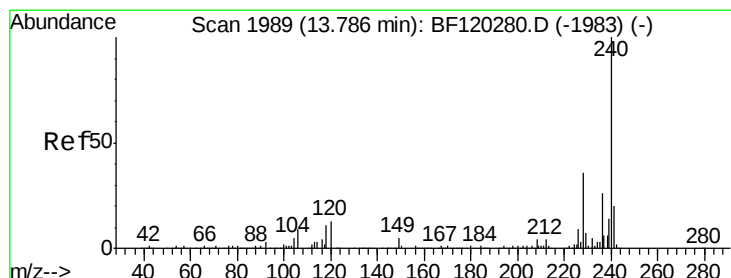
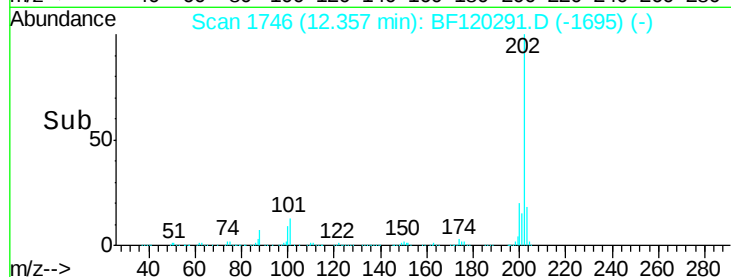
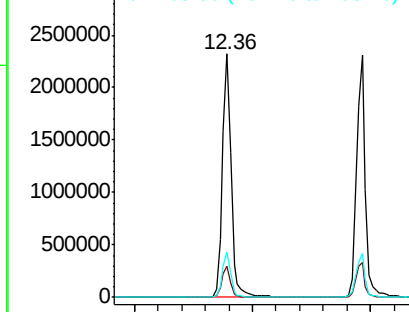
203 18.4 0.0 39.1

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

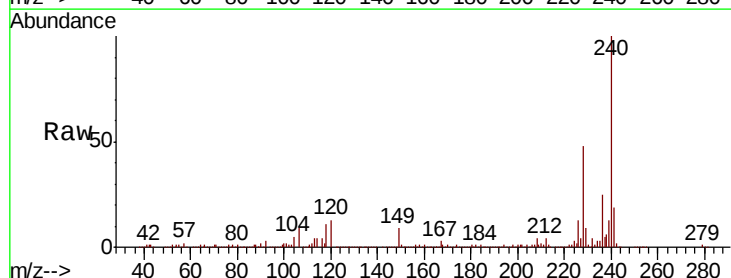
Tgt Ion:240 Resp: 808012

Ion Ratio Lower Upper

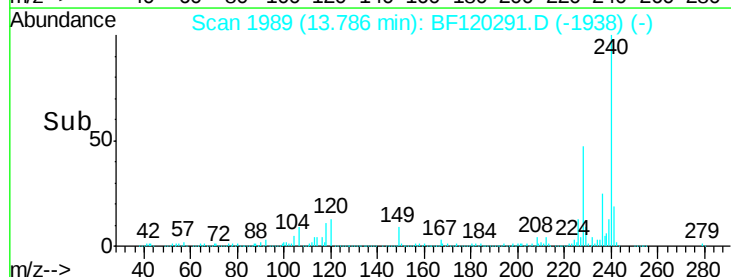
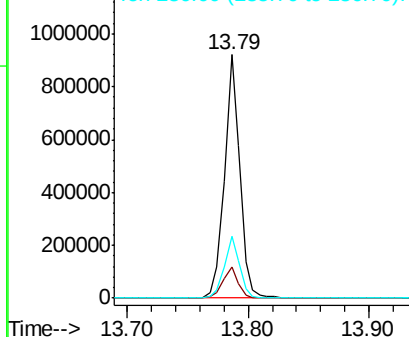
240 100

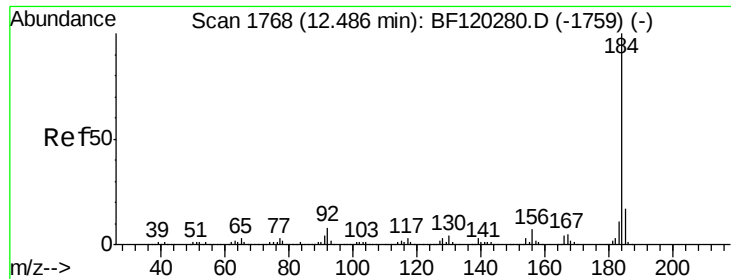
120 12.8 10.4 15.6

236 25.4 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.642 ng

RT: 12.49 min Scan# 1768

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

Instrument :

BNA_F

ClientSampled :

PB128891BS

Tot Ion:184 Resp: 911778

Ion Ratio Lower Upper

184 100

185 15.3 13.7 20.5

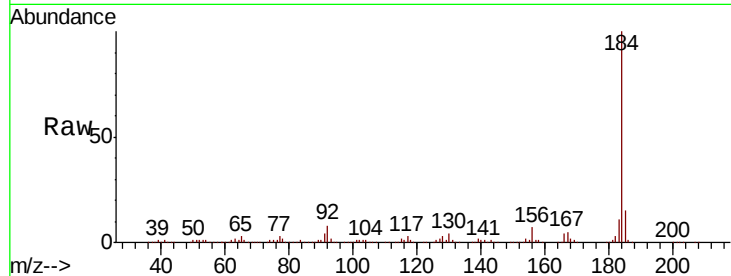
183 10.7 8.7 13.1

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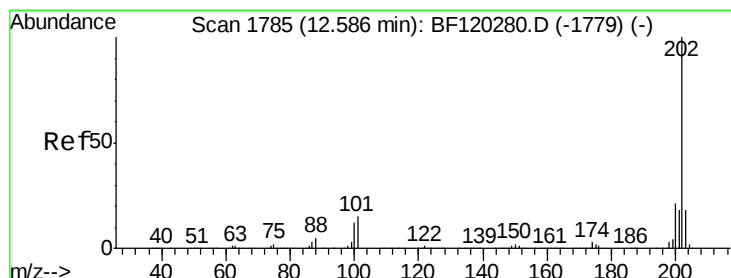
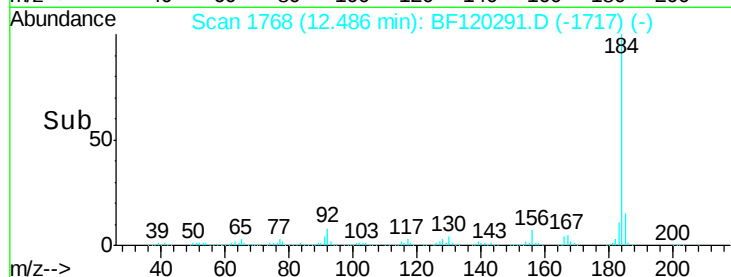
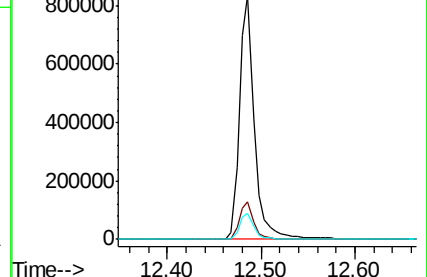
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.337 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

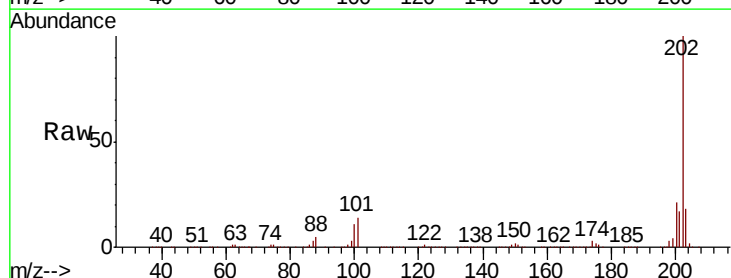
Tgt Ion:202 Resp: 2381158

Ion Ratio Lower Upper

202 100

200 20.5 16.6 25.0

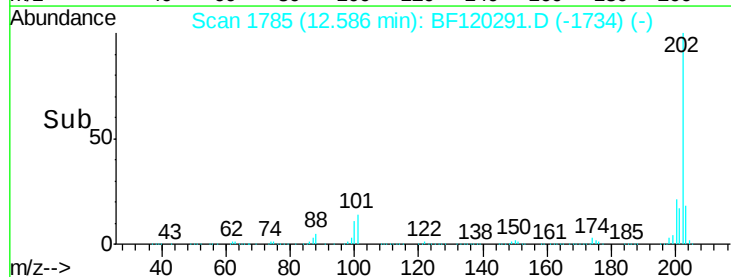
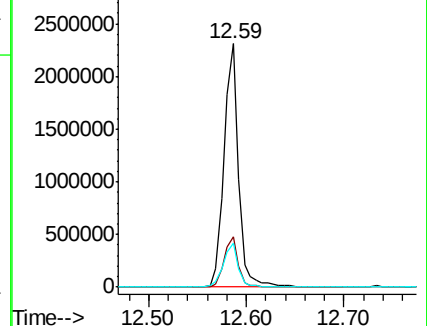
203 18.0 14.6 22.0

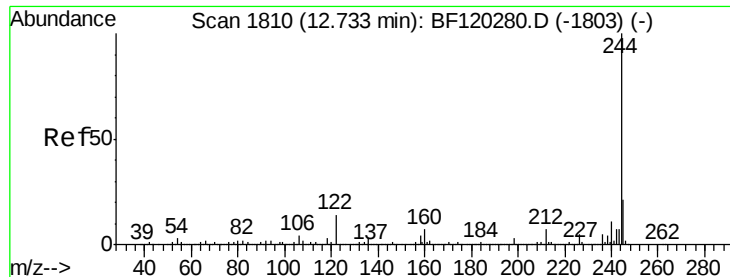


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.720 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

PB128891BS

Tot Ion:244 Resp: 3062033

Ion Ratio Lower Upper

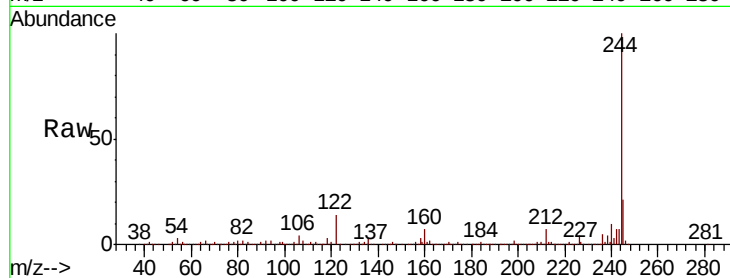
244 100

212 7.0 5.8 8.6

122 13.8 10.8 16.2

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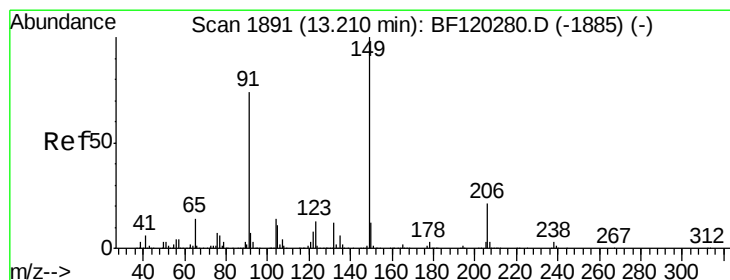
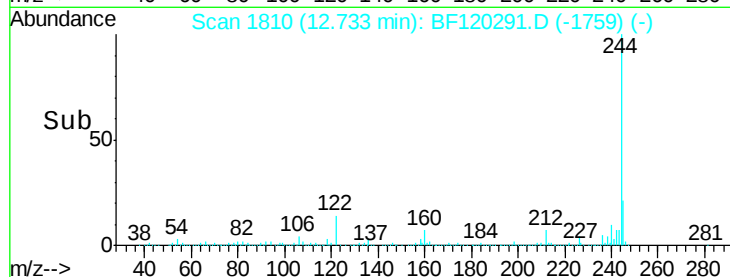
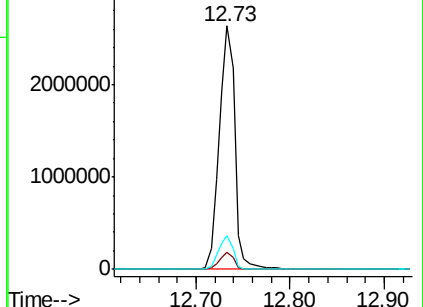
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.781 ng

RT: 13.21 min Scan# 1891

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

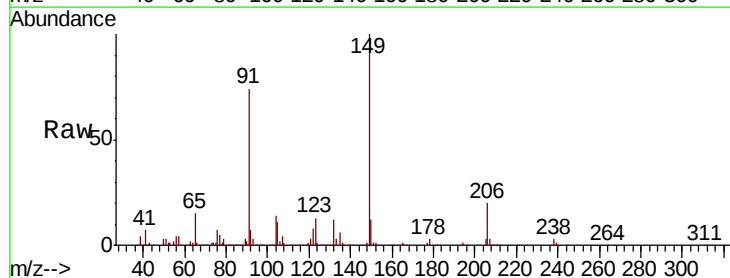
Tgt Ion:149 Resp: 1079045

Ion Ratio Lower Upper

149 100

91 73.9 59.0 88.4

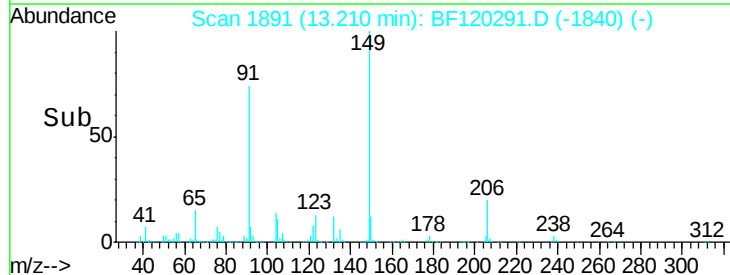
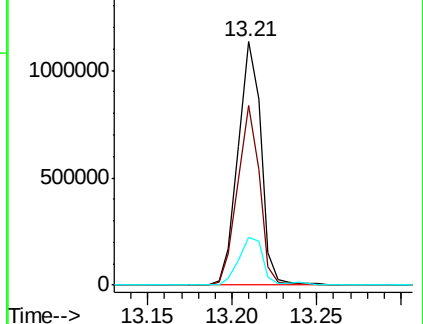
206 19.8 16.8 25.2

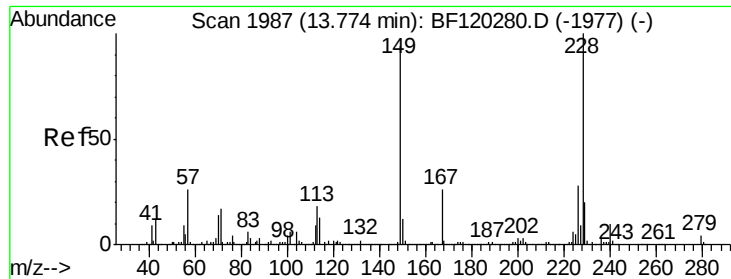


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.566 ng

RT: 13.77 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

PB128891BS

Tot Ion:228 Resp: 1728795

Ion Ratio Lower Upper

228 100

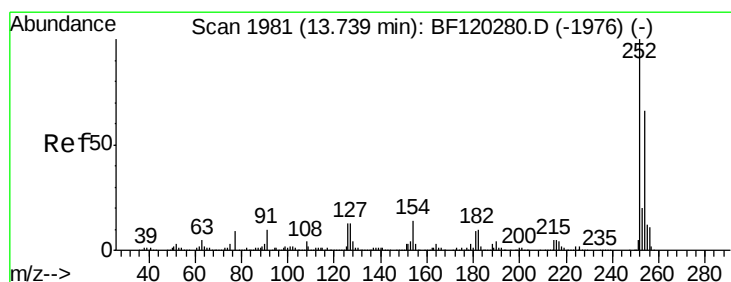
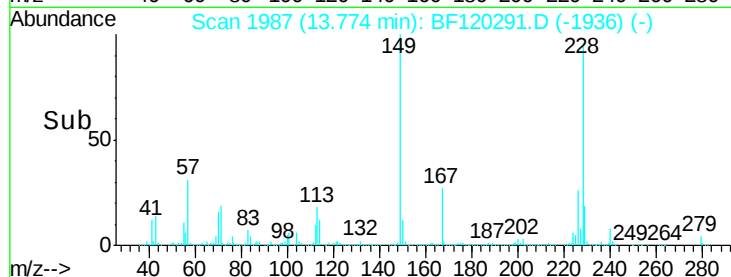
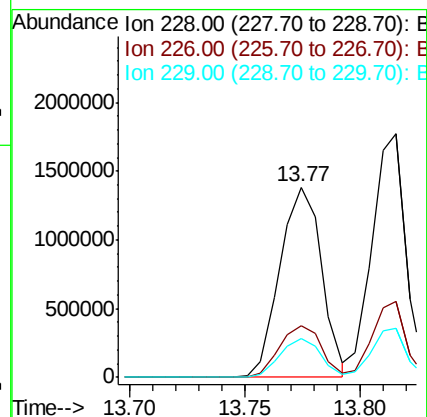
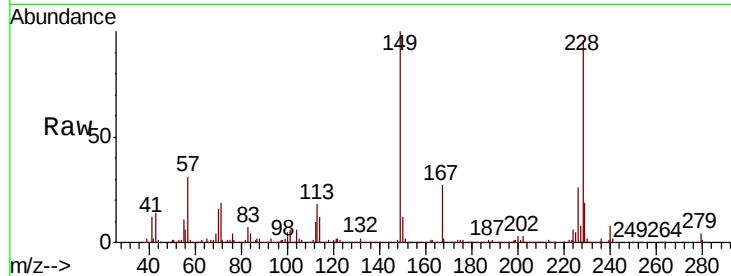
226 27.4 22.6 33.8

229 20.2 16.4 24.6

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#82

3,3'-Dichlorobenzidine

Concen: 23.389 ng

RT: 13.74 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

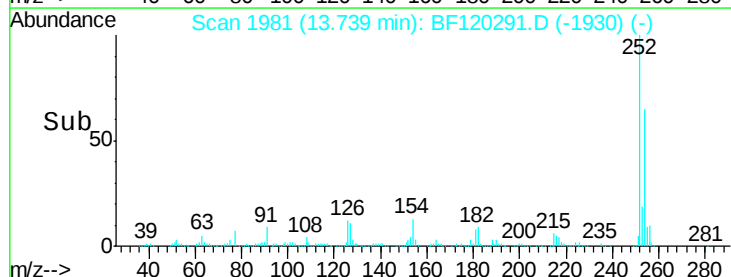
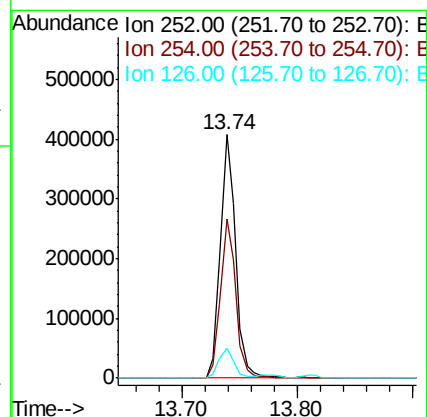
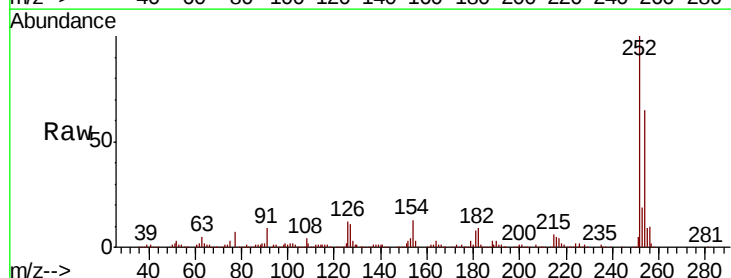
Tgt Ion:252 Resp: 375635

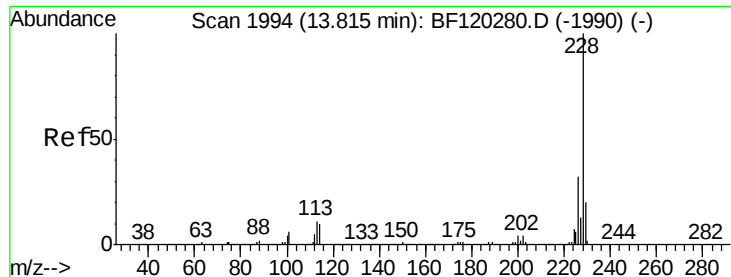
Ion Ratio Lower Upper

252 100

254 65.3 52.6 78.8

126 12.0 10.7 16.1





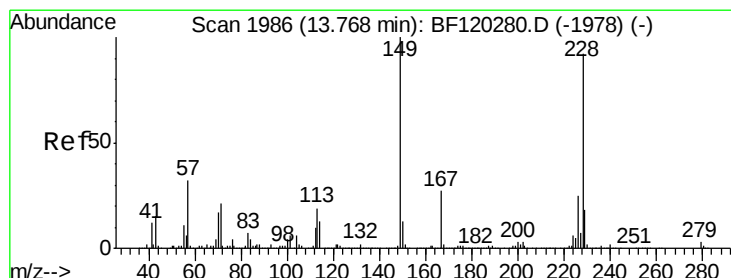
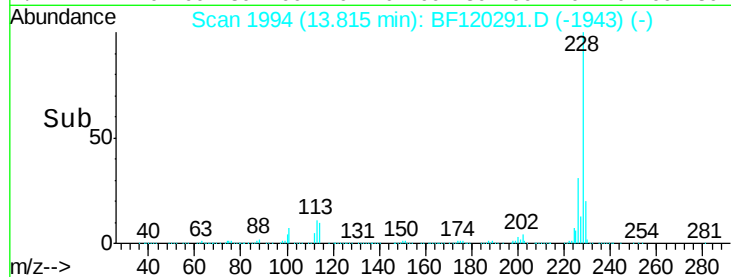
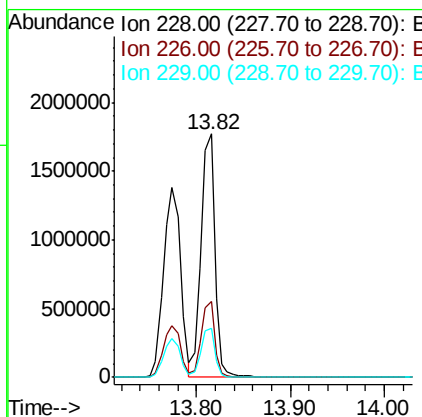
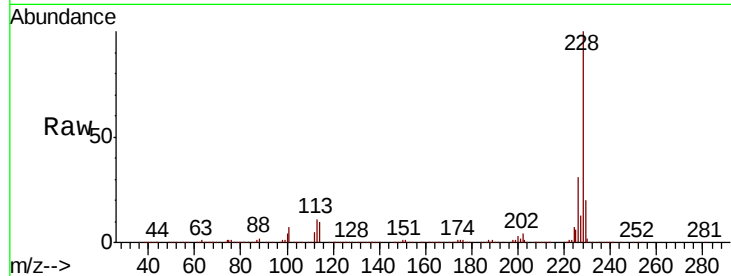
#83
 Chrysene
 Concen: 40.086 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. 0.00 min
 Lab File: BF120291.D
 Acq: 14 May 2020 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB128891BS

Tot Ion:228 Resp: 1834444
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.0 37.6
 229 20.2 16.2 24.4

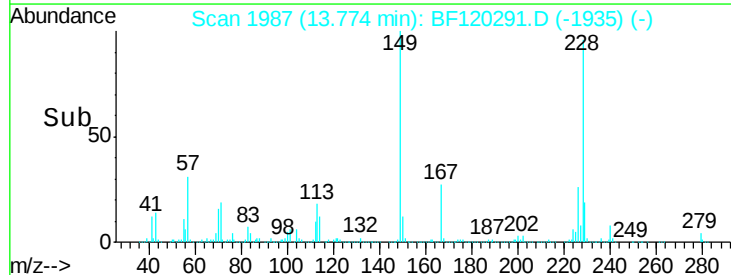
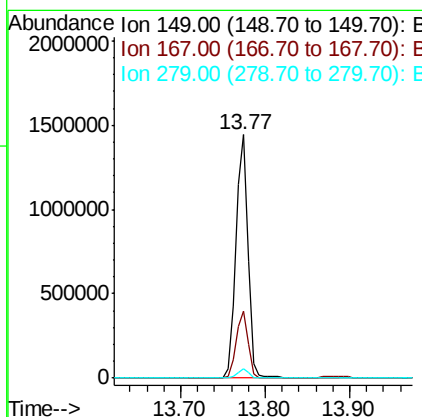
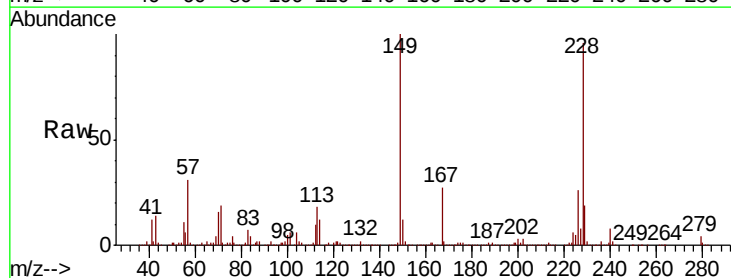
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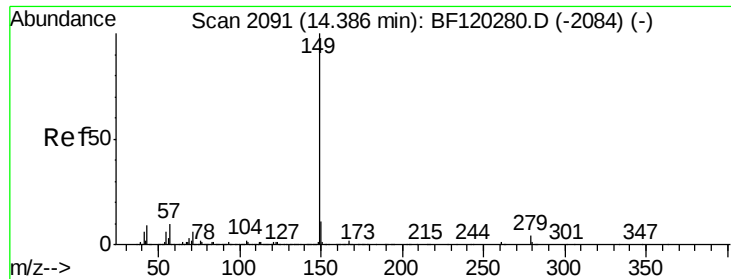
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.195 ng
 RT: 13.77 min Scan# 1987
 Delta R.T. 0.01 min
 Lab File: BF120291.D
 Acq: 14 May 2020 15:31

Tgt Ion:149 Resp: 1390218
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.8 32.8
 279 3.7 2.8 4.2





#85

Di-n-octyl phthalate

Concen: 41.735 ng

RT: 14.39 min Scan# 2091

Delta R.T. 0.00 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

Instrument :

BNA_F

ClientSampleId :

PB128891BS

Tot Ion:149 Resp: 2533751

Ion Ratio Lower Upper

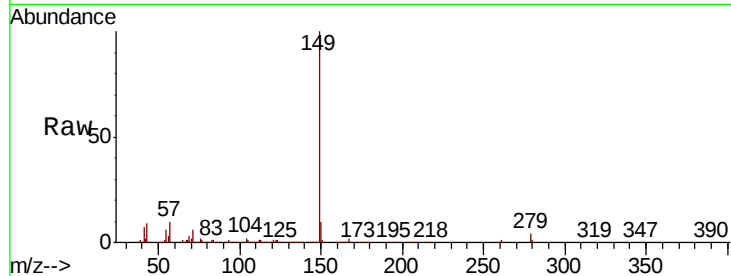
149 100

167 1.6 1.3 1.9

43 9.8 7.5 11.3

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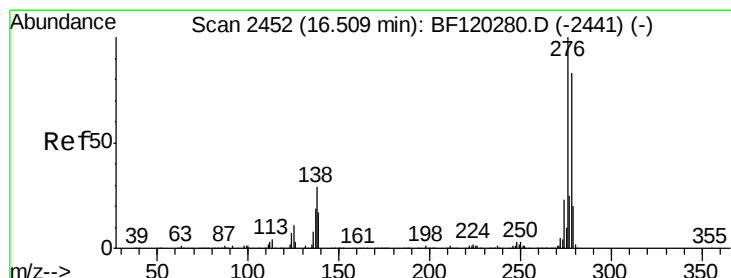
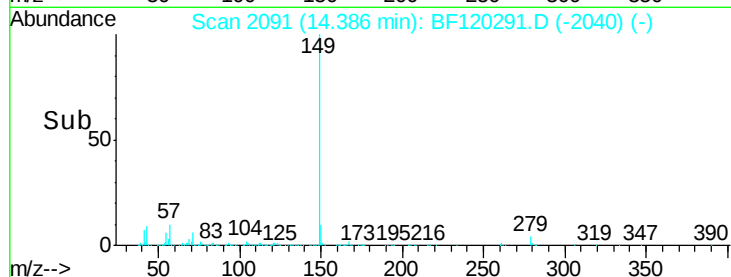
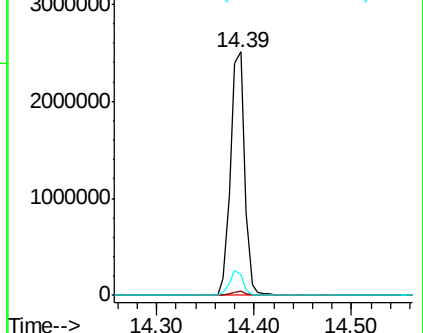
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.465 ng

RT: 16.50 min Scan# 2451

Delta R.T. -0.01 min

Lab File: BF120291.D

Acq: 14 May 2020 15:31

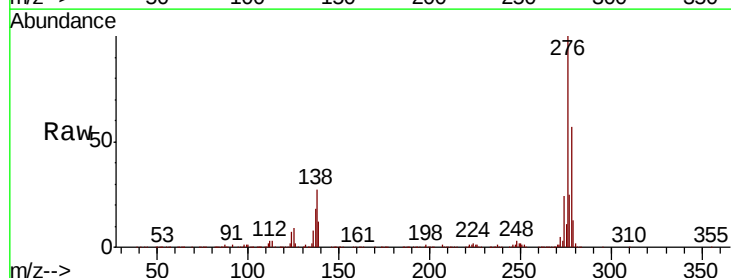
Tgt Ion:276 Resp: 1597629

Ion Ratio Lower Upper

276 100

138 28.9 23.3 34.9

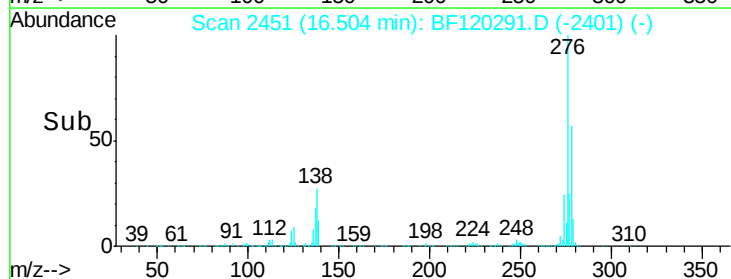
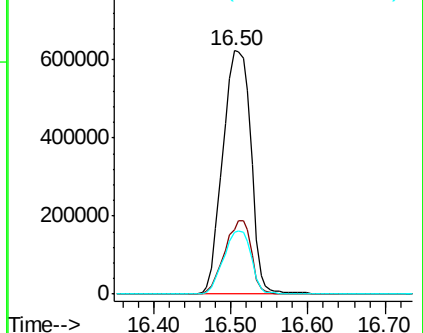
277 25.4 20.2 30.4

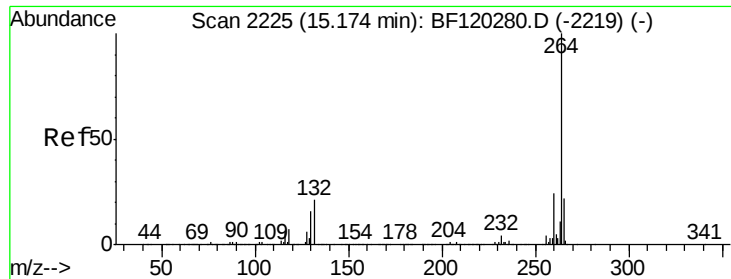


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





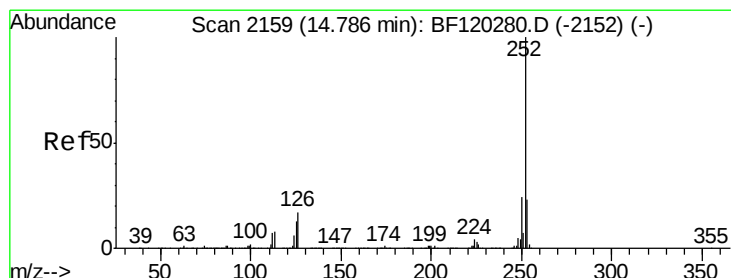
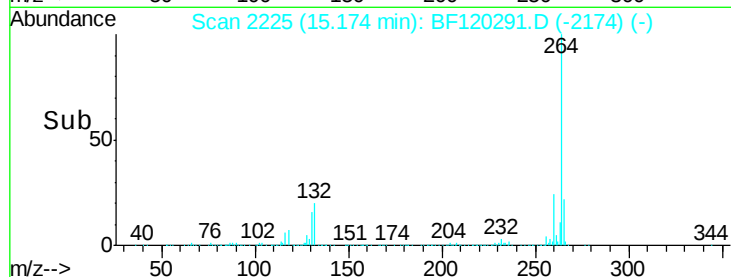
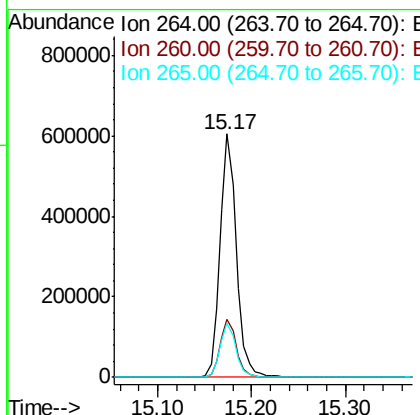
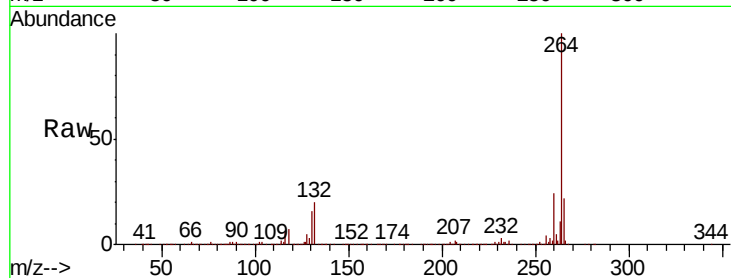
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB128891BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	22.4	17.5	26.3

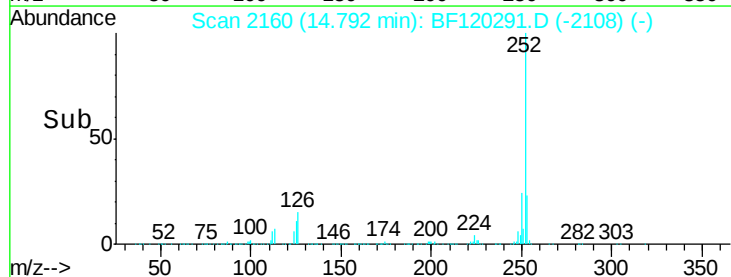
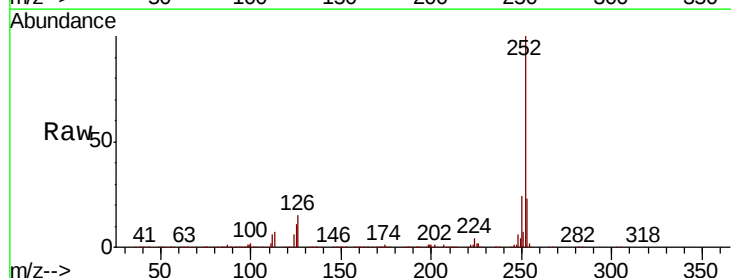
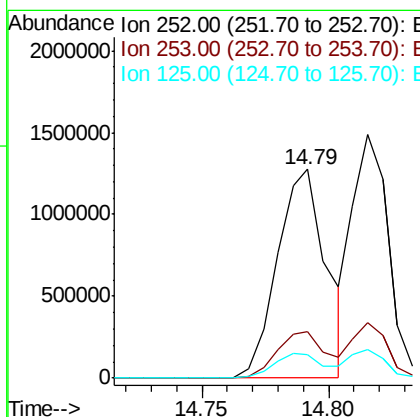
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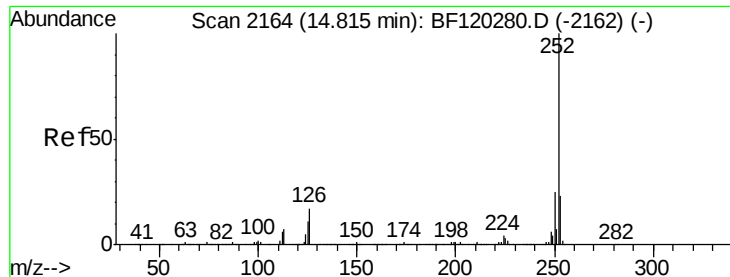
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#88
Benzo(b)fluoranthene
Concen: 42.605 ng
RT: 14.79 min Scan# 2160
Delta R.T. 0.01 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	11.3	10.4	15.6





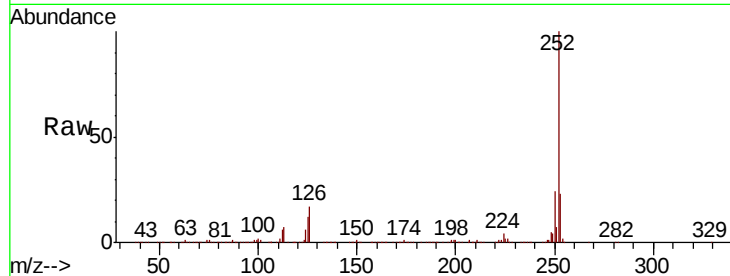
#89
Benzo(k)fluoranthene
Concen: 43.035 ng
RT: 14.82 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB128891BS

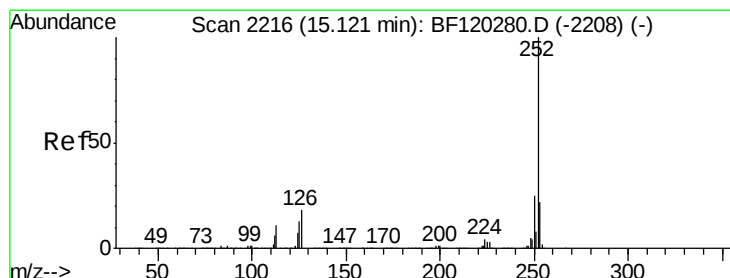
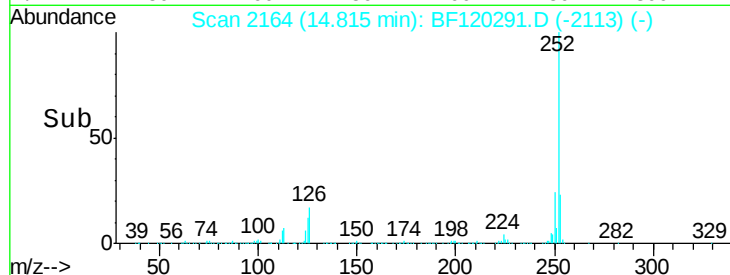
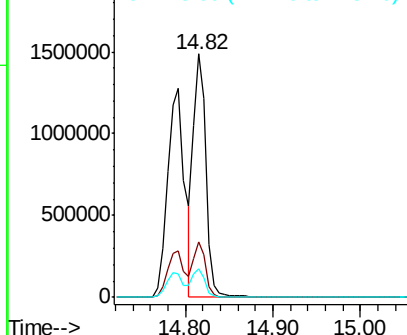
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	11.9	9.9	14.9

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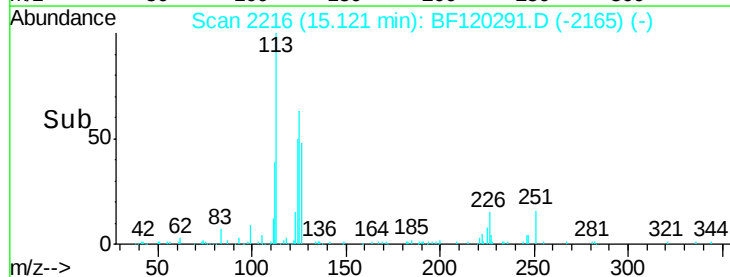
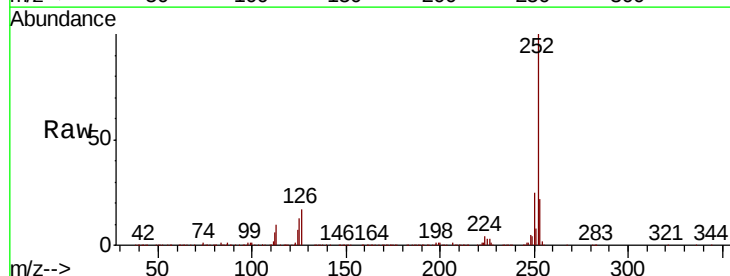
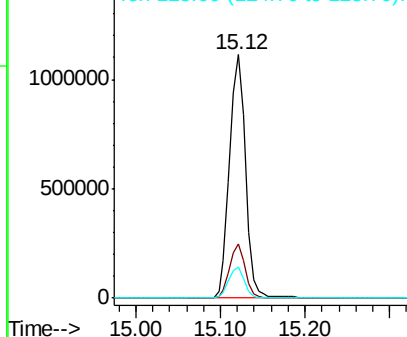
Abundance Ion 252.00 (251.70 to 252.70): E
2000000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

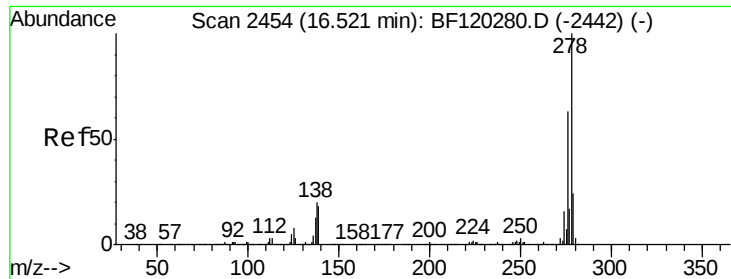


#90
Benzo(a)pyrene
Concen: 40.106 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	13.0	10.6	16.0

Abundance Ion 252.00 (251.70 to 252.70): E
1500000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





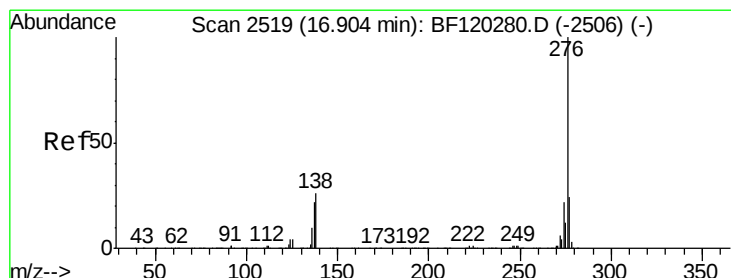
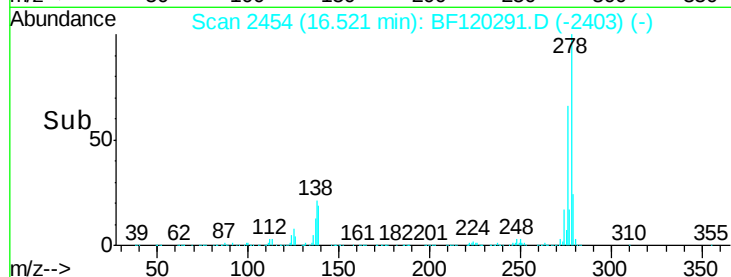
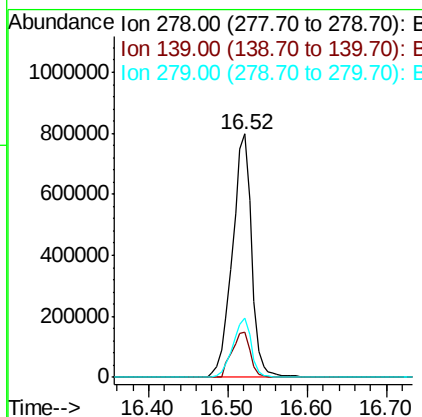
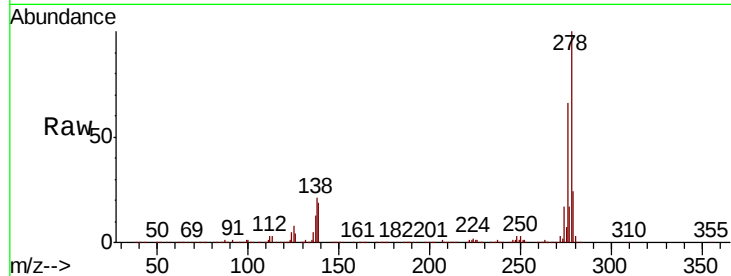
#91
Dibenzo(a,h)anthracene
Concen: 41.965 ng
RT: 16.52 min Scan# 2454
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Instrument :
BNA_F
ClientSampleId :
PB128891BS

Tot Ion:278 Resp: 1342868
Ion Ratio Lower Upper
278 100
139 18.5 14.7 22.1
279 24.2 19.2 28.8

Manual Integrations
APPROVED

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#92
Benzo(g,h,i)perylene
Concen: 42.043 ng
RT: 16.90 min Scan# 2519
Delta R.T. 0.00 min
Lab File: BF120291.D
Acq: 14 May 2020 15:31

Tgt Ion:276 Resp: 1356659
Ion Ratio Lower Upper
276 100
277 24.0 19.1 28.7
138 24.7 20.8 31.2

