

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
 Data File : BF120294.D
 Acq On : 14 May 2020 16:53
 Operator : MA/SJ
 Sample : PB128874BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128874BS

Manual Integrations
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mohammad
 5/18/2020 1:31:49 PM

Quant Time: May 14 17:49:18 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	375912	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	1517557	20.00	ng	0.00
39) Acenaphthene-d10	9.66	164	776071	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	1640727	20.00	ng	0.00
76) Chrysene-d12	13.79	240	1050537	20.00	ng	0.00
87) Perylene-d12	15.17	264	983093	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	2112093	109.32	ng	0.01
7) Phenol-d6	6.28	99	2617825	107.15	ng	0.00
23) Nitrobenzene-d5	7.20	82	1692180	76.34	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	776897	122.78	ng	0.00
45) 2-Fluorobiphenyl	8.99	172	3030375	80.22	ng	0.00
79) Terphenyl-d14	12.73	244	3513391	73.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.27	88	306242	39.847	ng	96
3) Pyridine	2.94	79	669523	27.713	ng	99
4) n-Nitrosodimethylamine	2.89	42	346702	36.651	ng	98
6) Aniline	6.29	93	813576	26.038	ng	88
8) 2-Chlorophenol	6.41	128	871849	38.703	ng	98
9) Benzaldehyde	6.17	77	540513	35.887	ng	97
10) Phenol	6.29	94	1034028	36.255	ng	90
11) bis(2-Chloroethyl)ether	6.37	93	805681	35.364	ng	99
12) 1,3-Dichlorobenzene	6.56	146	854290	35.441	ng	98
13) 1,4-Dichlorobenzene	6.64	146	898154	36.177	ng	96
14) 1,2-Dichlorobenzene	6.79	146	804709	35.994	ng	99
15) Benzyl Alcohol	6.78	79	645712	37.201	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.91	45	1294523	36.056	ng	99
17) 2-Methylphenol	6.90	107	675502	35.522	ng	97
18) Hexachloroethane	7.13	117	332208	35.126	ng	97
19) n-Nitroso-di-n-propylamine	7.05	70	586737	36.657	ng	99
20) 3+4-Methylphenols	7.06	107	867661	35.093	ng	98
22) Acetophenone	7.04	105	1158759	37.272	ng	# 98
24) Nitrobenzene	7.22	77	877122	36.770	ng	100
25) Isophorone	7.46	82	1654386	35.873	ng	99
26) 2-Nitrophenol	7.53	139	473260	37.934	ng	93
27) 2,4-Dimethylphenol	7.58	122	743306	40.958	ng	97
28) bis(2-Chloroethoxy)methane	7.67	93	1082014	37.327	ng	99
29) 2,4-Dichlorophenol	7.78	162	706786	37.920	ng	99
30) 1,2,4-Trichlorobenzene	7.85	180	755606	36.583	ng	99
31) Naphthalene	7.93	128	2389841	37.313	ng	99
32) Benzoic acid	7.74	122	437835	36.806	ng	99
33) 4-Chloroaniline	7.99	127	422127	14.462	ng	97
34) Hexachlorobutadiene	8.05	225	428102	35.859	ng	93
35) Caprolactam	8.37	113	225321m	36.951	ng	
36) 4-Chloro-3-methylphenol	8.49	107	762839	37.833	ng	99
37) 2-Methylnaphthalene	8.62	142	1618358	36.924	ng	98
38) 1-Methylnaphthalene	8.72	142	1564980	36.815	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.79	216	727220	37.162	ng	99

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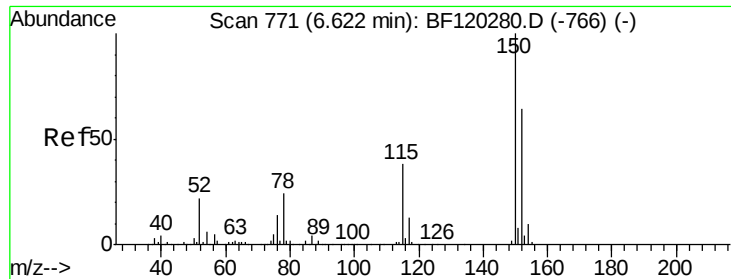
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	645781	80.000	nq	98
43) 2,4,6-Trichlorophenol	8.91	196	477954	36.386	nq	99
44) 2,4,5-Trichlorophenol	8.96	196	526831	34.924	nq	98
46) 1,1'-Biphenyl	9.09	154	1989202	39.120	nq	98
47) 2-Chloronaphthalene	9.11	162	1491391	36.564	nq	98
48) 2-Nitroaniline	9.22	65	519925	34.936	nq	97
49) Acenaphthylene	9.53	152	2344855	37.634	nq	99
50) Dimethylphthalate	9.40	163	1754092	35.755	nq	100
51) 2,6-Dinitrotoluene	9.46	165	391206	35.728	nq	90
52) Acenaphthene	9.70	154	1366658	36.594	nq	98
53) 3-Nitroaniline	9.63	138	221499	16.964	nq	99
54) 2,4-Dinitrophenol	9.75	184	374146	72.390	nq	93
55) Dibenzofuran	9.87	168	2010004	37.373	nq	98
56) 4-Nitrophenol	9.82	139	475131	67.721	nq	91
57) 2,4-Dinitrotoluene	9.87	165	465217	36.220	nq	98
58) Fluorene	10.22	166	1574756	38.447	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.00	232	432710	38.116	nq	97
60) Diethylphthalate	10.10	149	1778305	37.546	nq	100
61) 4-Chlorophenyl-phenylether	10.20	204	774268	36.359	nq	97
62) 4-Nitroaniline	10.25	138	397385	32.683	nq	98
63) Azobenzene	10.37	77	1870054	41.776	nq	98
65) 4,6-Dinitro-2-methylphenol	10.28	198	283596	34.178	nq	93
66) n-Nitrosodiphenylamine	10.33	169	1496623	32.971	nq	99
67) 4-Bromophenyl-phenylether	10.69	248	554388	34.821	nq	98
68) Hexachlorobenzene	10.76	284	586986	35.241	nq	98
69) Atrazine	10.86	200	471563	34.718	nq	98
70) Pentachlorophenol	10.96	266	509197	71.879	nq	99
71) Phenanthrene	11.17	178	2480556	35.980	nq	99
72) Anthracene	11.23	178	2753170	37.302	nq	100
73) Carbazole	11.39	167	2481444	35.983	nq	99
74) Di-n-butylphthalate	11.72	149	3075971	37.010	nq	100
75) Fluoranthene	12.36	202	2768852	37.470	nq	100
77) Benzidine	12.49	184	1262665	41.159	nq	97
78) Pyrene	12.59	202	2802477	37.420	nq	100
80) Butylbenzylphthalate	13.21	149	1298035	36.807	nq	99
81) Benzo(a)anthracene	13.77	228	1968773	35.532	nq	100
82) 3,3'-Dichlorobenzidine	13.74	252	521212	24.962	nq	99
83) Chrysene	13.82	228	2194680	36.886	nq	100
84) Bis(2-ethylhexyl)phthalate	13.77	149	1576598	35.933	nq	99
85) Di-n-octyl phthalate	14.39	149	2957046	37.463	nq	100
86) Indeno(1,2,3-cd)pyrene	16.51	276	1781843	32.996	nq	100
88) Benzo(b)fluoranthene	14.79	252	2045911	38.107	nq	98
89) Benzo(k)fluoranthene	14.82	252	1781382	38.297	nq	99
90) Benzo(a)pyrene	15.12	252	1740782	36.154	nq	99
91) Dibenzo(a,h)anthracene	16.52	278	1482005	34.743	nq	100
92) Benzo(g,h,i)perylene	16.91	276	1473046	34.245	nq	98

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



#1

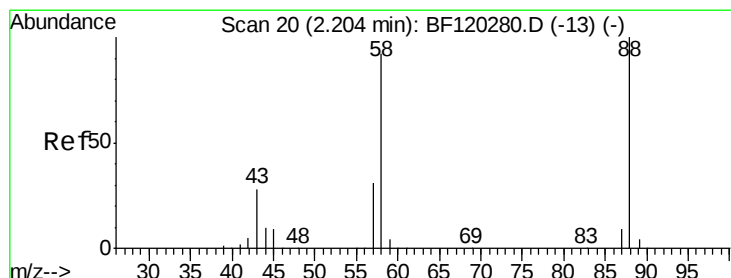
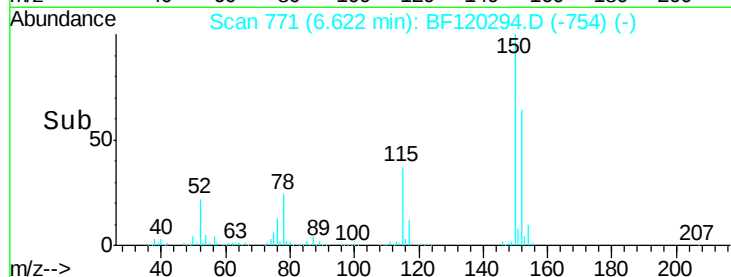
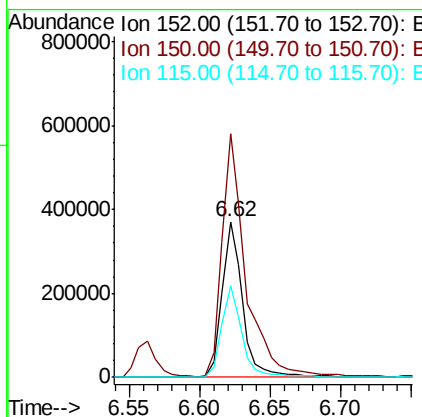
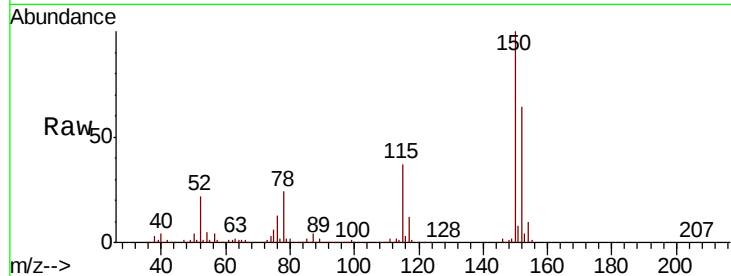
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Instrument :
BNA_F
ClientSampleId :
PB128874BS

Tot Ion	Ratio	Resp	Lower	Upper
152	100			
150	156.7	126.2	189.2	
115	58.6	47.9	71.9	

Manual Integrations
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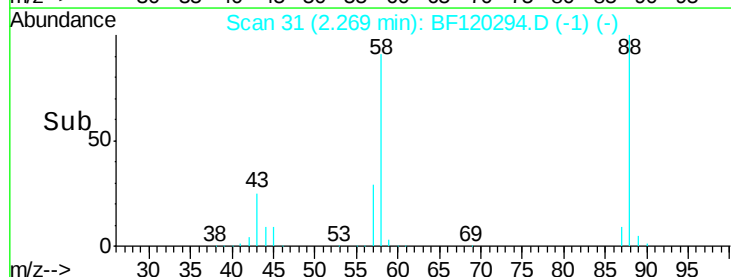
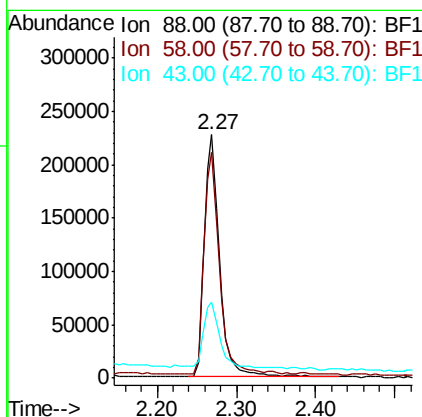
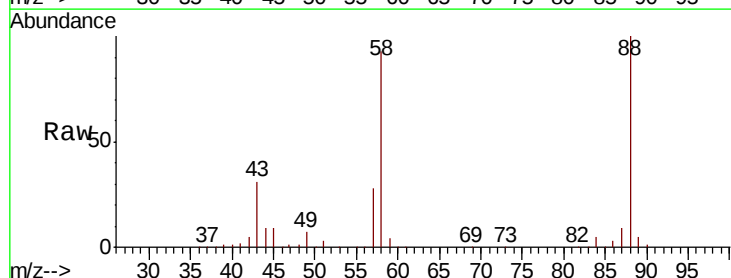
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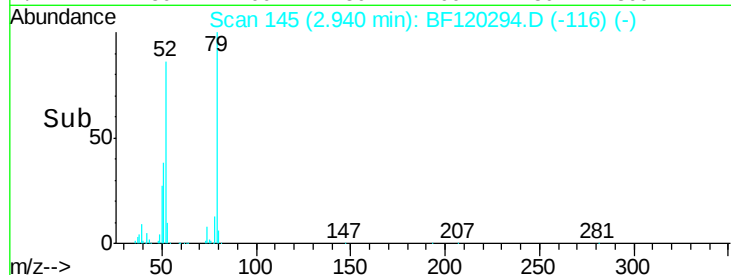
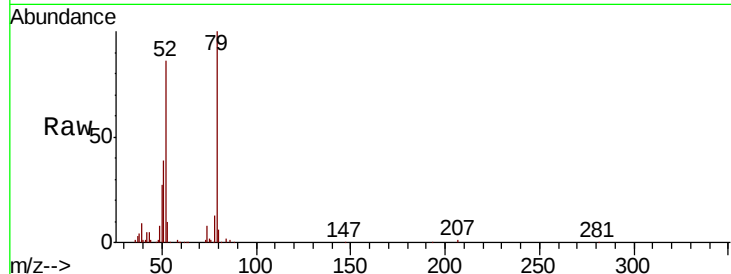
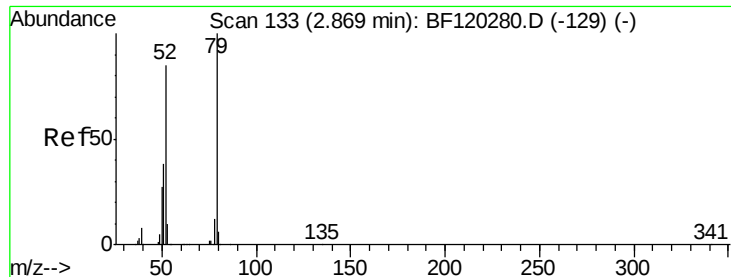


#2

1,4-Dioxane
Concen: 39.847 ng
RT: 2.27 min Scan# 31
Delta R.T. 0.06 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
88	100			
58	90.9	75.8	113.6	
43	28.1	23.6	35.4	





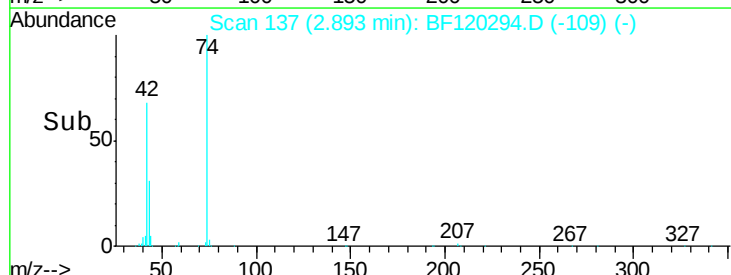
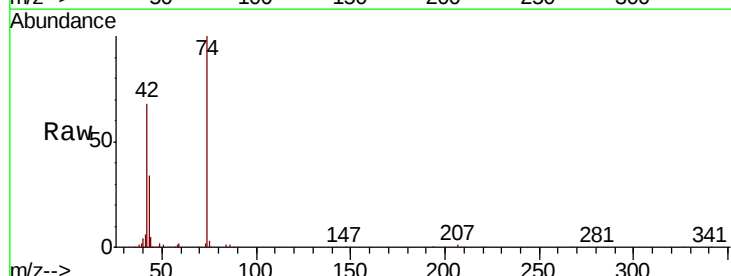
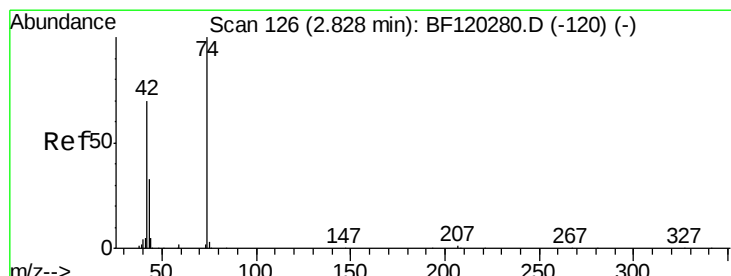
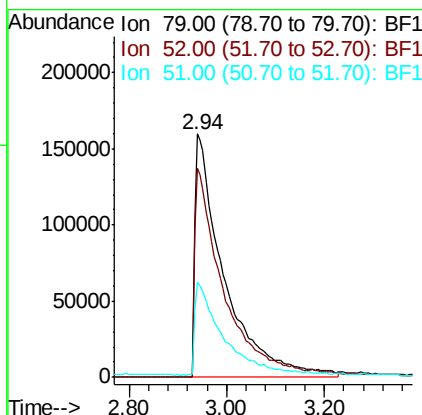
#3
 Pvridine
 Concen: 27.713 ng
 RT: 2.94 min Scan# 145
 Delta R.T. 0.07 min
 Lab File: BF120294.D
 Acq: 14 May 2020 16:53

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	669523		
52	52	86.1		68.4	102.6
51	51	38.8		31.0	46.4

Instrument :
 BNA_F
 ClientSampleId :
 PB128874BS

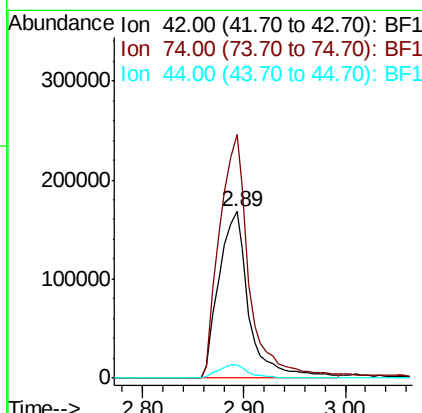
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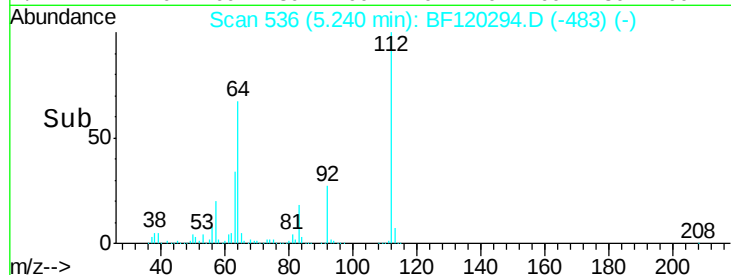
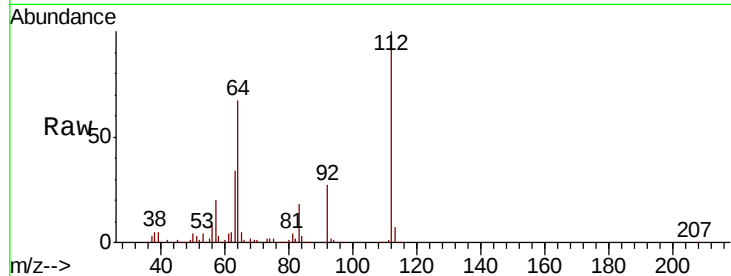
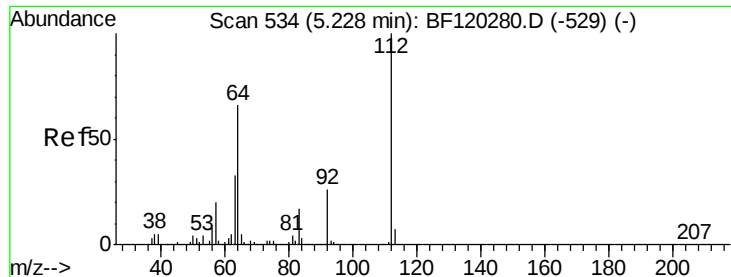
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#4
 n-Nitrosodimethylamine
 Concen: 36.651 ng
 RT: 2.89 min Scan# 137
 Delta R.T. 0.06 min
 Lab File: BF120294.D
 Acq: 14 May 2020 16:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	346702		
74	74	146.1		114.8	172.2
44	44	7.9		5.6	8.4





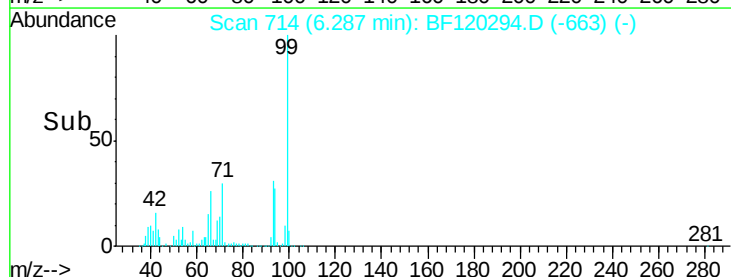
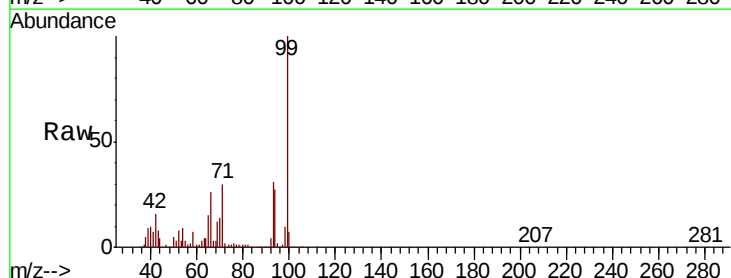
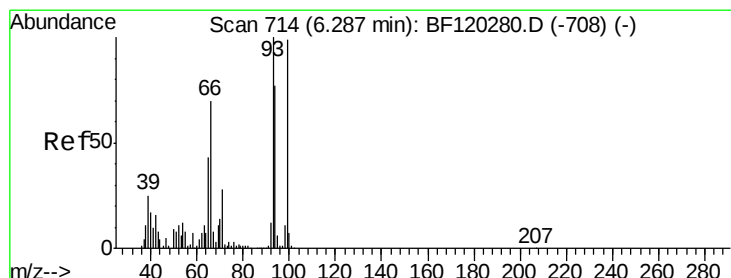
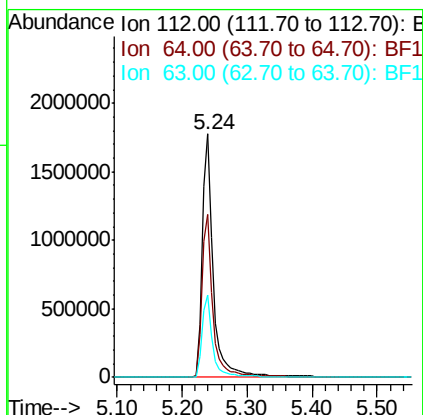
#5
2-Fluorophenol
Concen: 109.321 ng
RT: 5.24 min Scan# 536
Delta R.T. 0.01 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Tot Ion	Ratio	Lower	Upper
112	100		
64	67.0	52.7	79.1
63	33.7	26.2	39.4

Instrument :
BNA_F
ClientSampleId :
PB128874BS

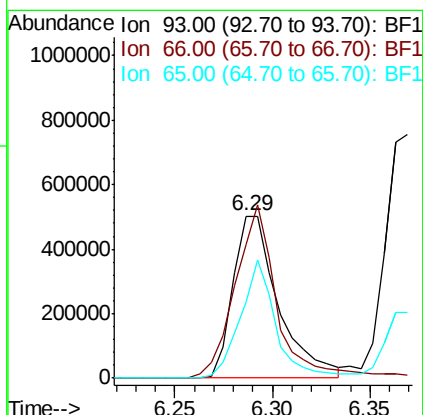
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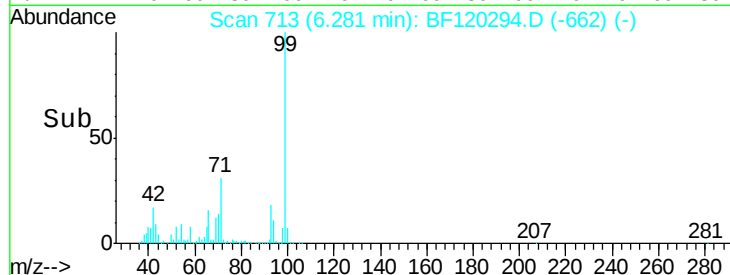
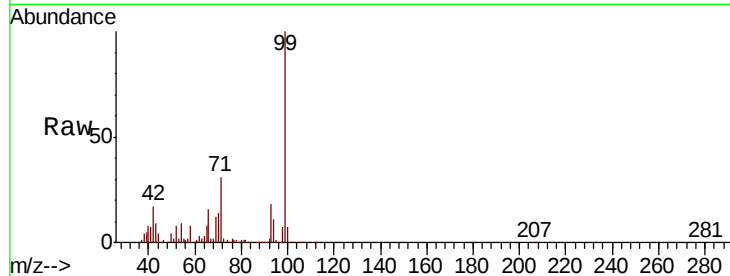
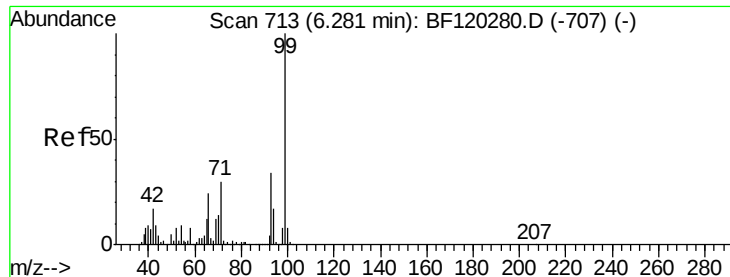
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#6
Aniline
Concen: 26.038 ng
RT: 6.29 min Scan# 714
Delta R.T. -0.00 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Tgt Ion	Ratio	Lower	Upper
93	100		
66	82.7	56.2	84.4
65	46.8	34.2	51.2





#7

Phenol-d6

Concen: 107.147 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Tot Ion: 99 Resp: 2617825

Ion Ratio Lower Upper

99 100

42 17.1 13.6 20.4

71 31.0 24.2 36.4

Instrument :

BNA_F

ClientSampleId :

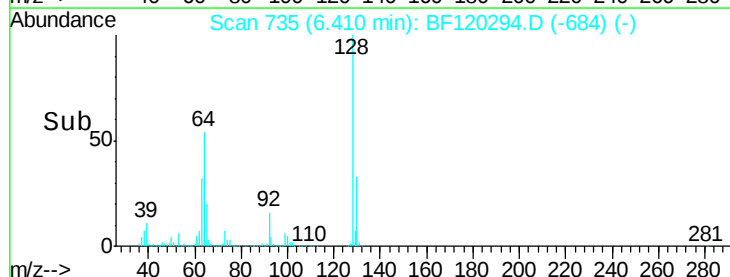
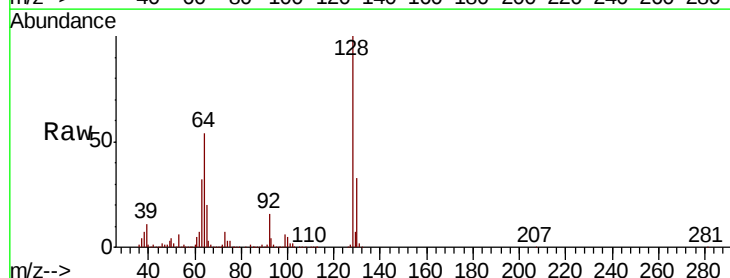
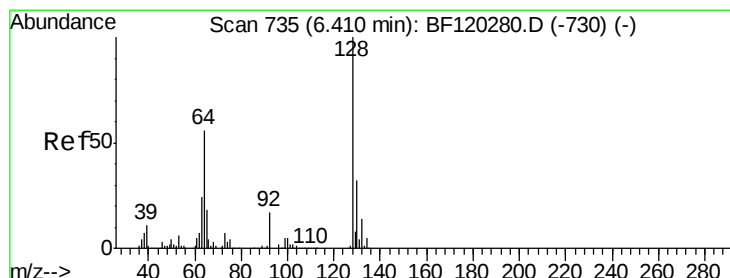
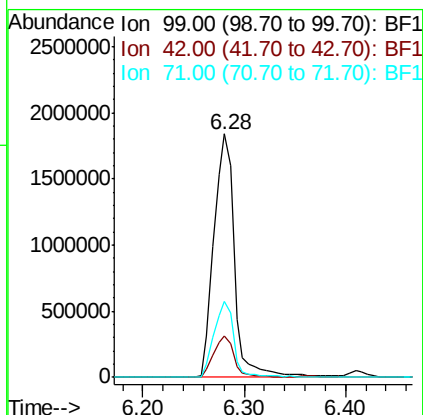
PB128874BS

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#8

2-Chlorophenol

Concen: 38.703 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

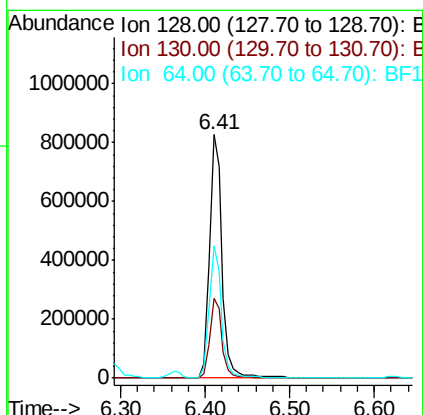
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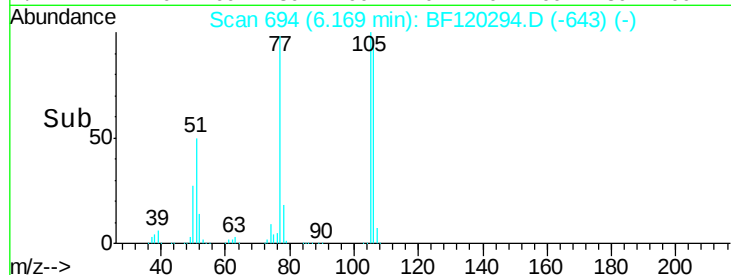
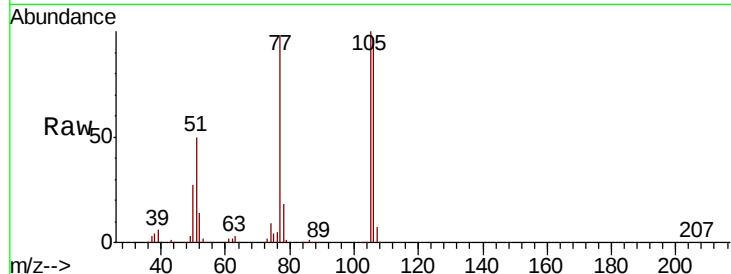
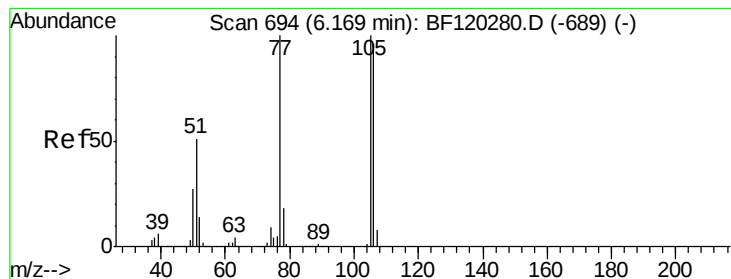
Ion Ratio Lower Upper

128 100

130 32.9 12.4 52.4

64 54.3 36.7 76.7





#9

Benzaldehyde

Concen: 35.887 ng

RT: 6.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Tot Ion:	77	Resp:	540513
Ion	Ratio	Lower	Upper
77	100		
105	102.0	79.9	119.9
106	99.1	75.7	115.7

Instrument :

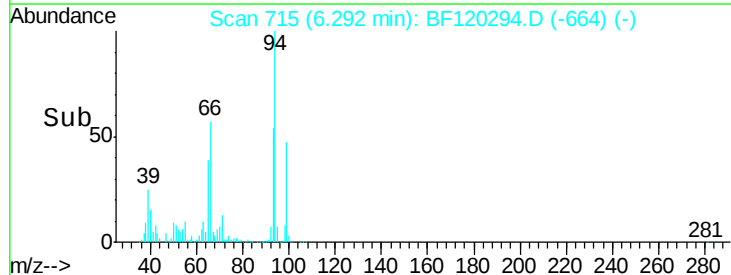
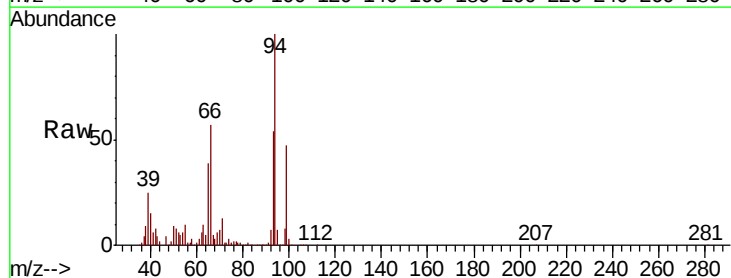
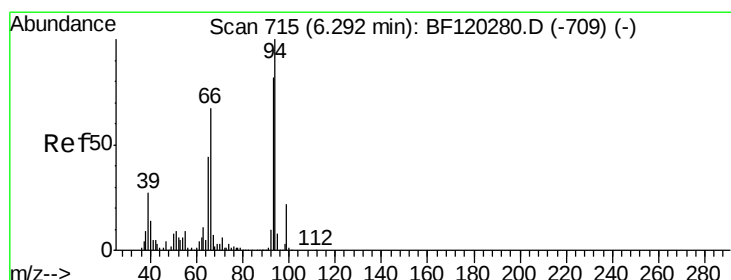
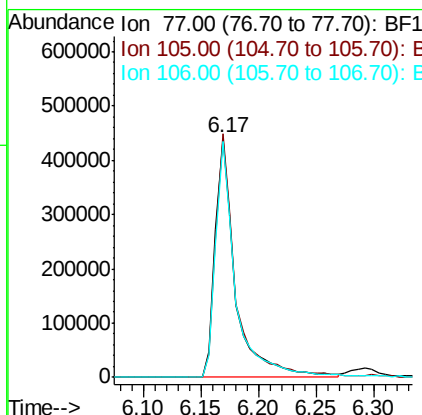
BNA_F

ClientSampleId :

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#10

Phenol

Concen: 36.255 ng

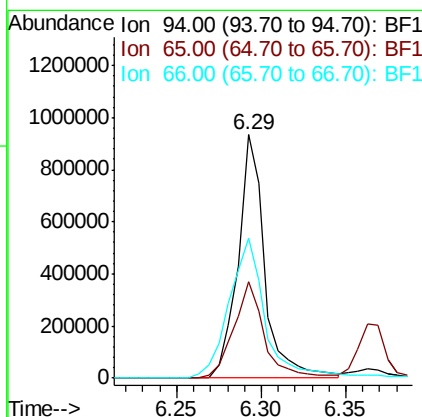
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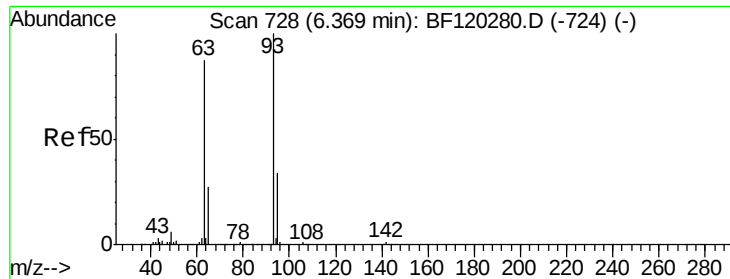
Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Tgt Ion:	94	Resp:	1034028
Ion	Ratio	Lower	Upper
94	100		
65	39.4	24.1	64.1
66	57.4	47.5	87.5





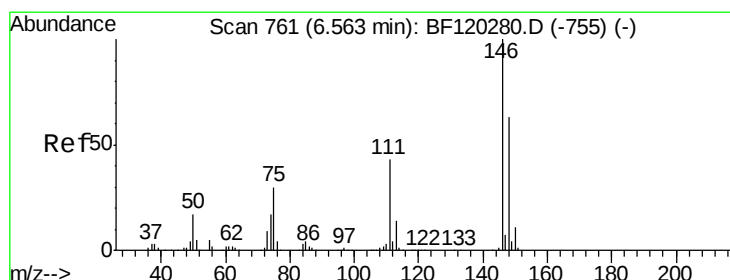
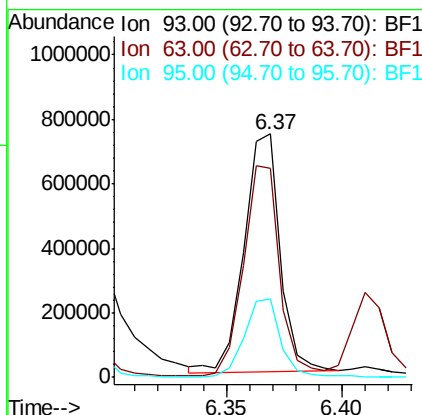
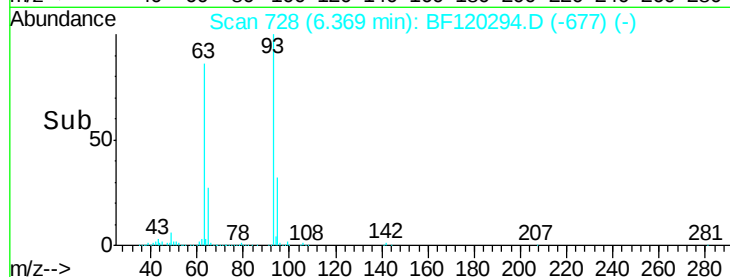
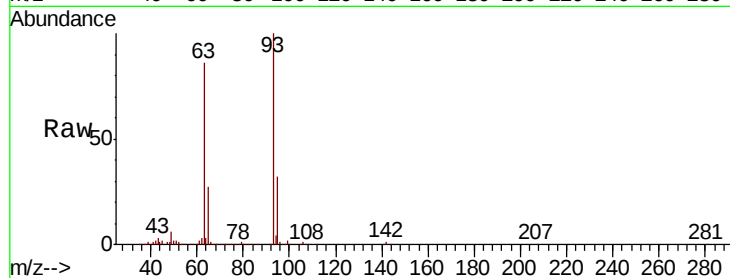
#11
bis(2-Chloroethyl)ether
Concen: 35.364 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Instrument :
BNA_F
ClientSampleId :
PB128874BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.0	65.4	105.4
95	32.2	12.9	52.9

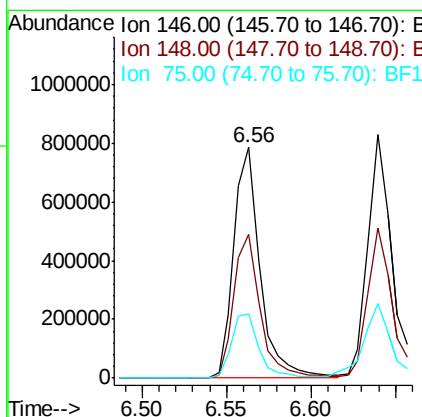
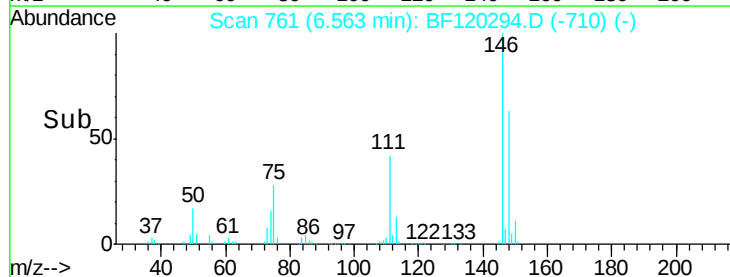
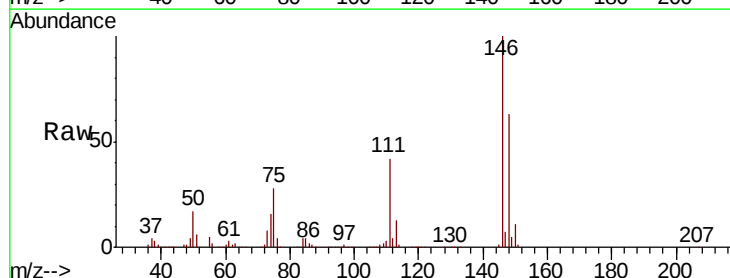
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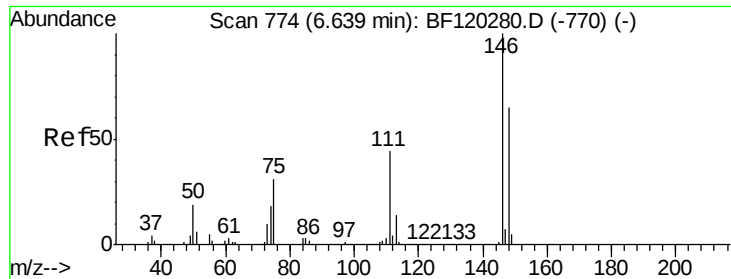
mohammad
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#12
1,3-Dichlorobenzene
Concen: 35.441 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.5	75.7
75	28.2	24.2	36.4





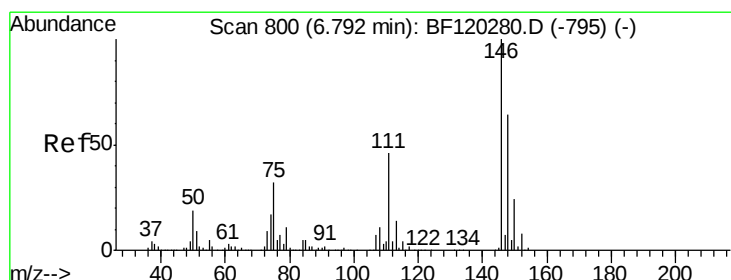
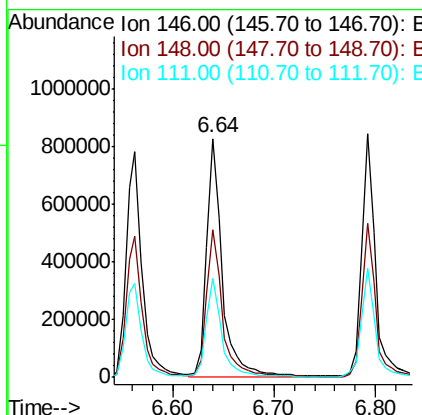
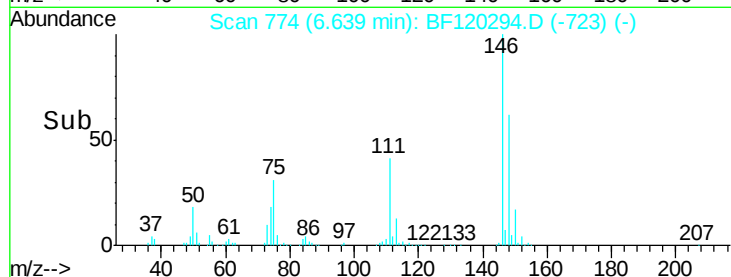
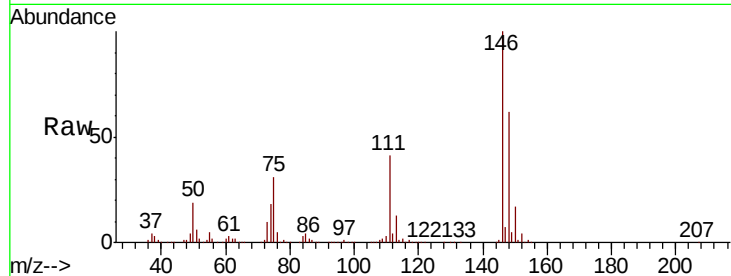
#13
 1,4-Dichlorobenzene
 Concen: 36.177 ng
 RT: 6.64 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BF120294.D
 Acq: 14 May 2020 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB128874BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.7	51.6	77.4
111	41.4	35.1	52.7

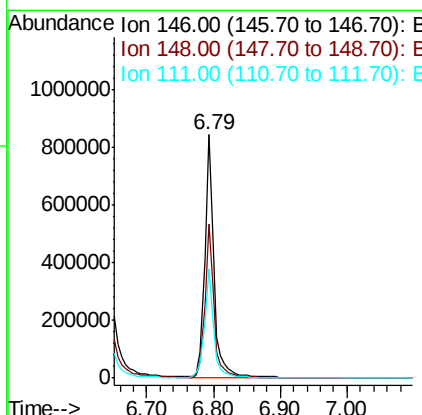
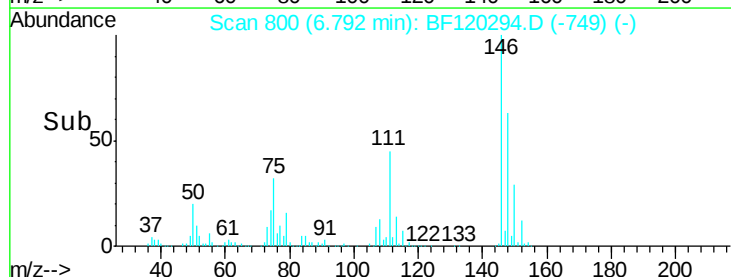
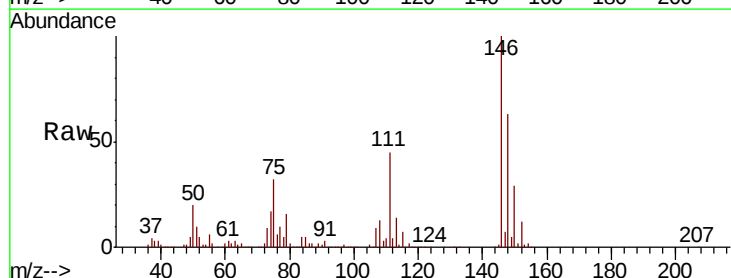
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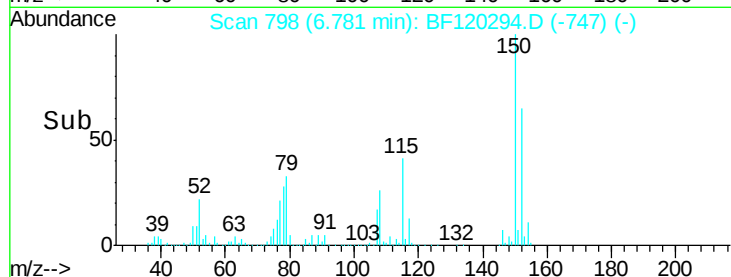
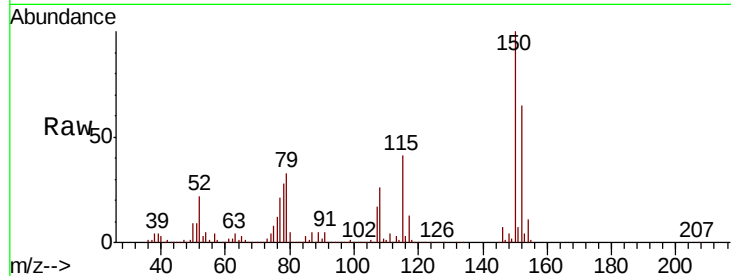
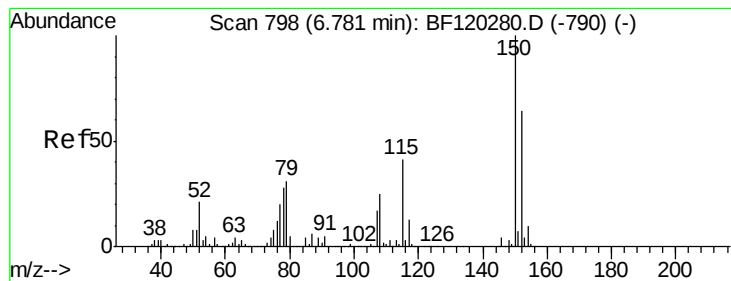
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 35.994 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF120294.D
 Acq: 14 May 2020 16:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.1	76.7
111	44.7	36.6	55.0





#15

Benzyl Alcohol

Concen: 37.201 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Tot Ion:	79	Resp:	645712
Ion	Ratio	Lower	Upper
79	100		
108	78.9	64.2	96.4
77	63.3	51.6	77.4

Instrument :

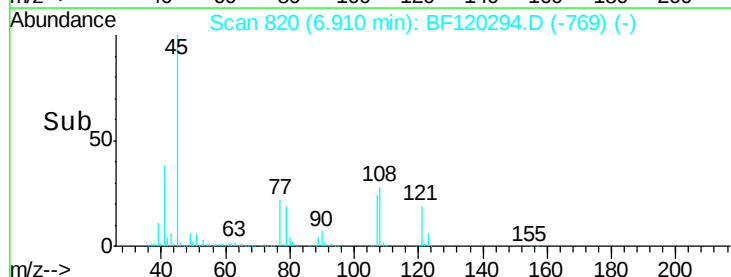
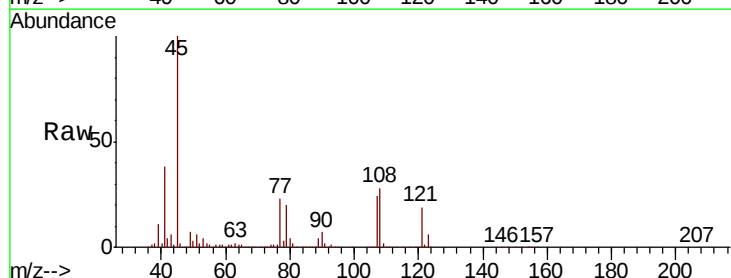
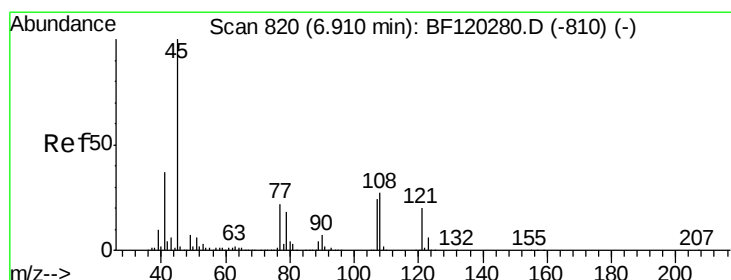
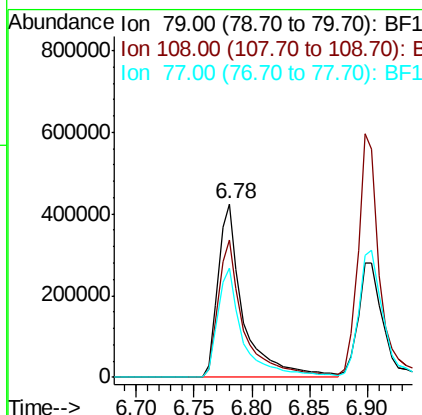
BNA_F

ClientSampleId :

PB128874BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.056 ng

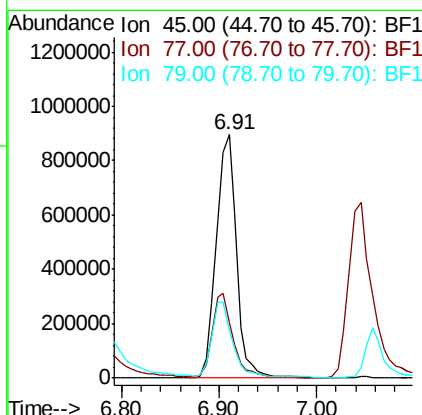
RT: 6.91 min Scan# 820

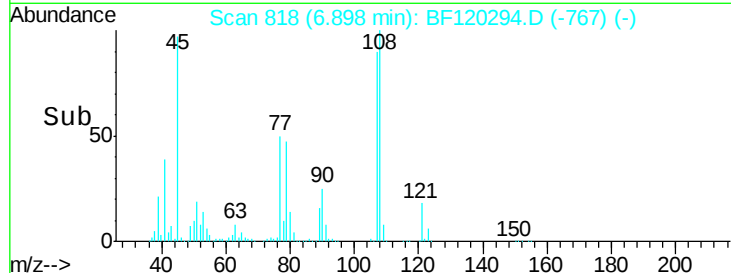
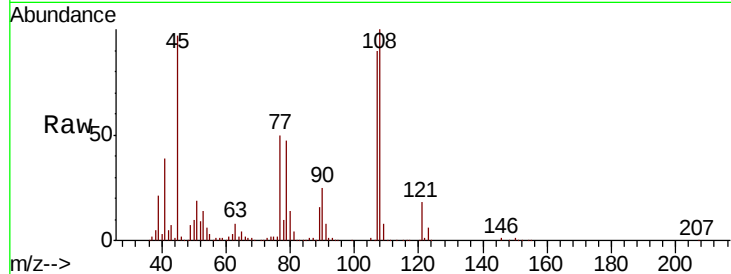
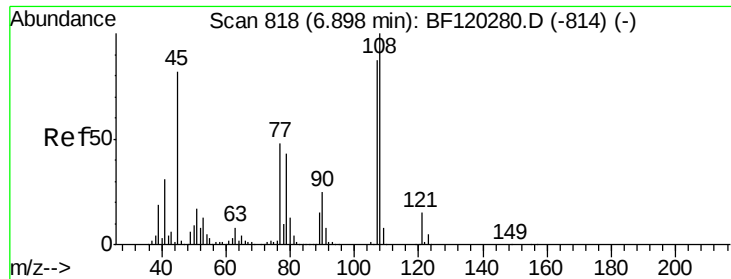
Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

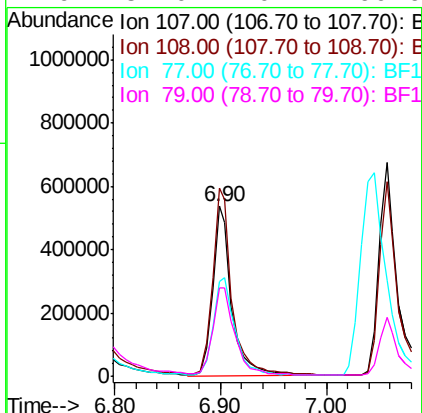
Tgt Ion:	45	Resp:	1294523
Ion	Ratio	Lower	Upper
45	100		
77	22.5	3.1	43.1
79	19.6	0.0	40.0





#17
2-Methylphenol
Concen: 35.522 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

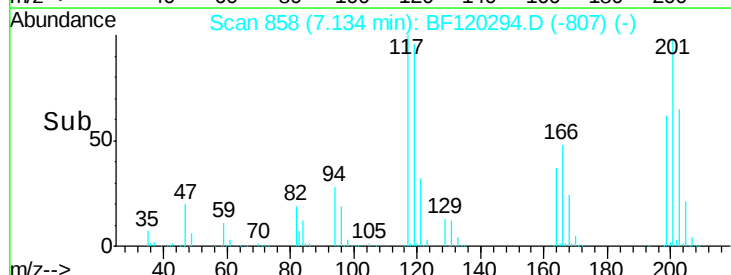
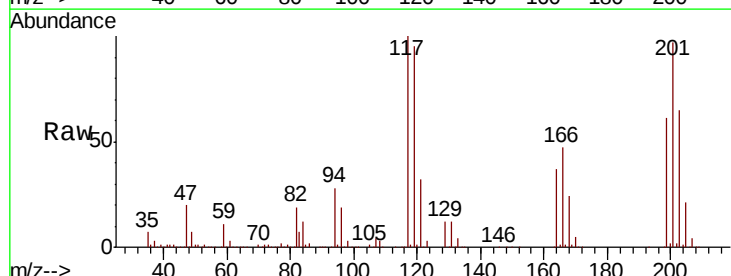
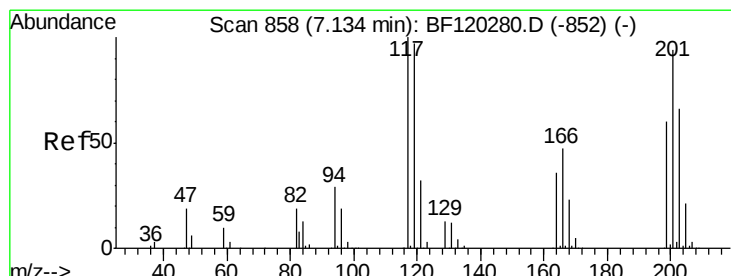
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.0	92.4	138.6	
77	55.7	44.5	66.7	
79	52.0	40.4	60.6	



Instrument :
BNA_F
ClientSampleId :
PB128874BS

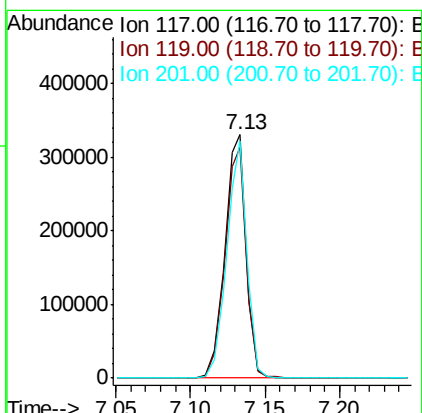
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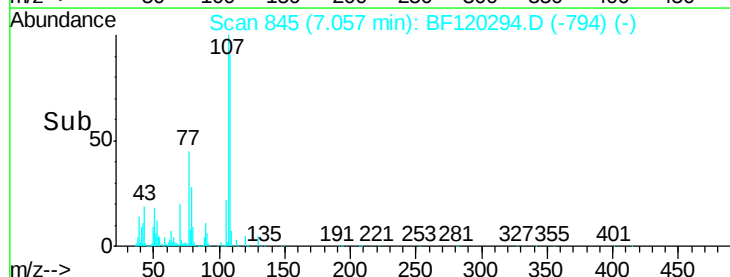
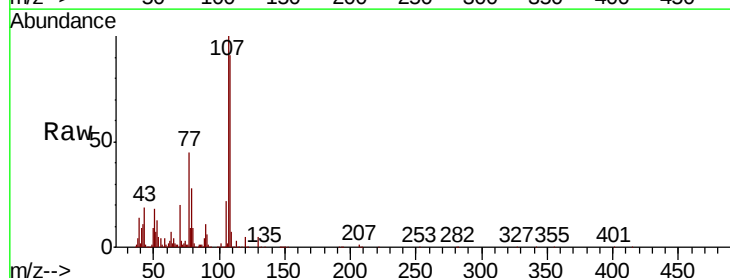
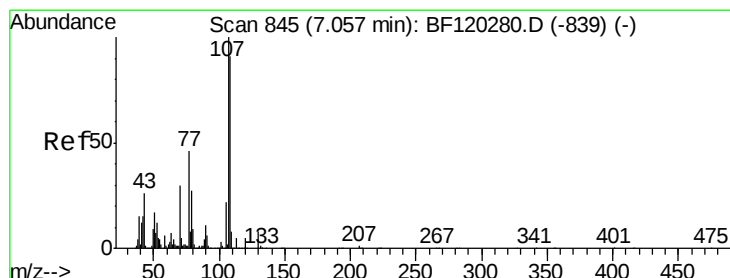
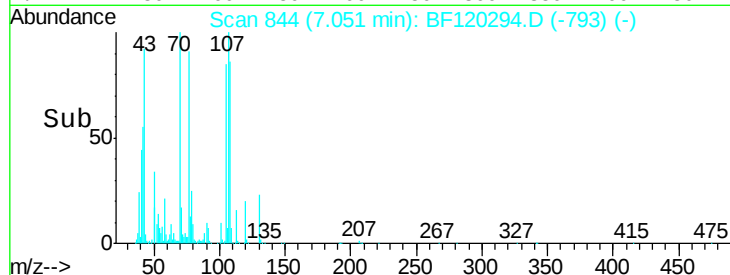
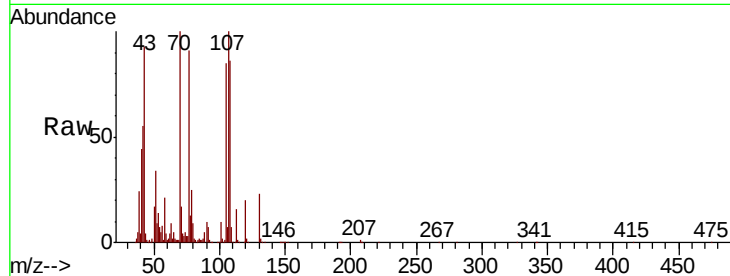
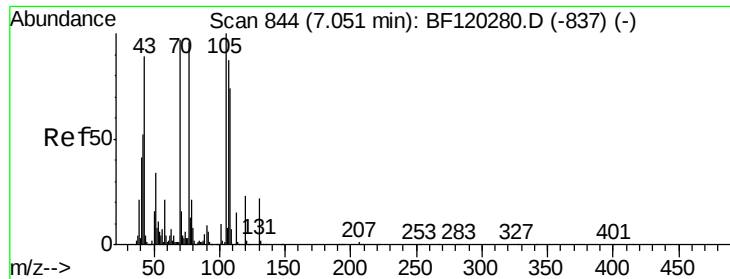
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#18
Hexachloroethane
Concen: 35.126 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

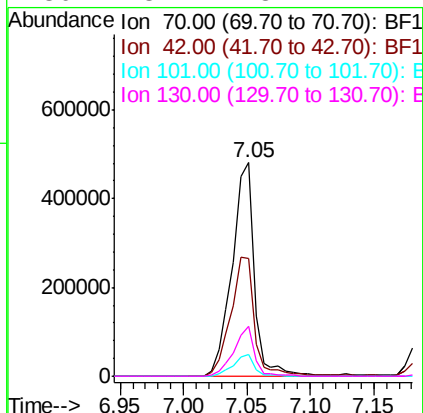
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.0	77.4	116.0	
201	97.4	74.9	112.3	





#19
n-Nitroso-di-n-propylamine
Concen: 36.657 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		586737		
42	55.3	43.4	65.0		
101	10.0	7.8	11.8		
130	23.4	18.2	27.4		



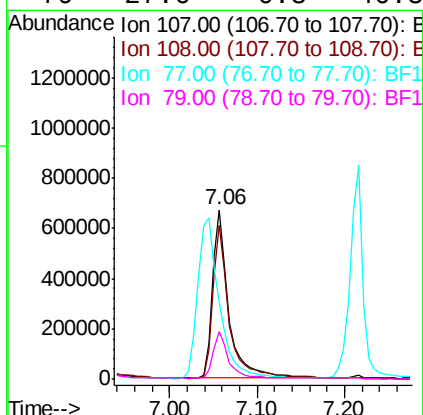
Instrument :
BNA_F
ClientSampleId :
PB128874BS

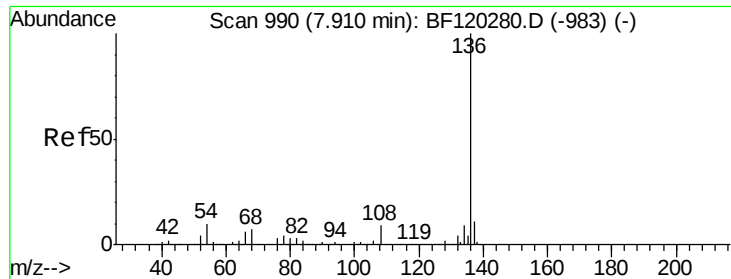
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#20
3+4-Methylphenols
Concen: 35.093 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		867661		
108	90.9	71.1	111.1		
77	45.2	28.1	68.1		
79	27.6	6.8	46.8		





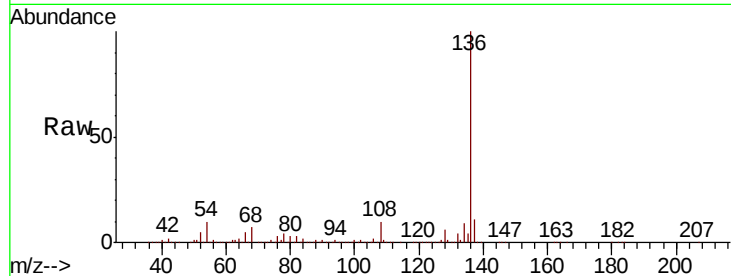
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Instrument :
BNA_F
ClientSampleId :
PB128874BS

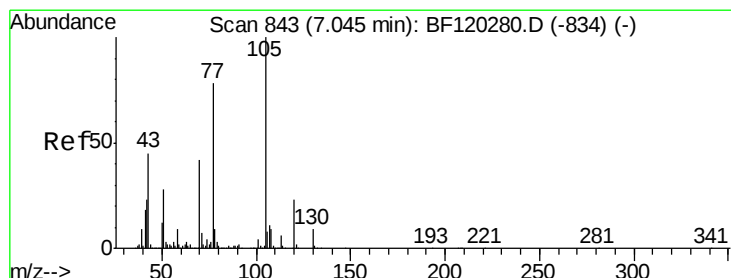
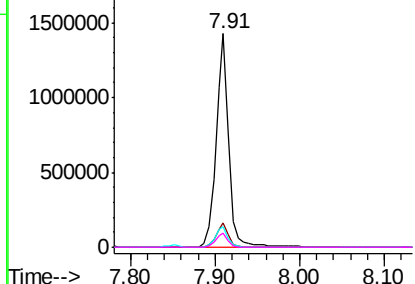
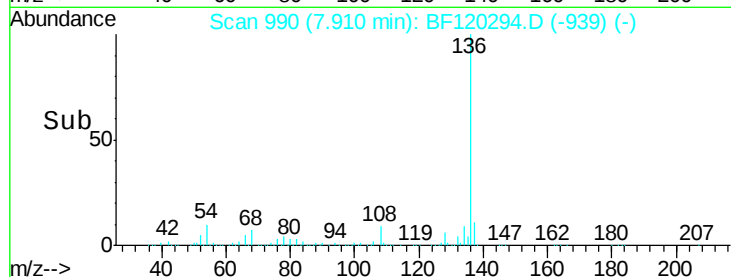
Tot Ion	136	Resp	1517557
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.7	7.9	11.9
68	6.6	5.4	8.2

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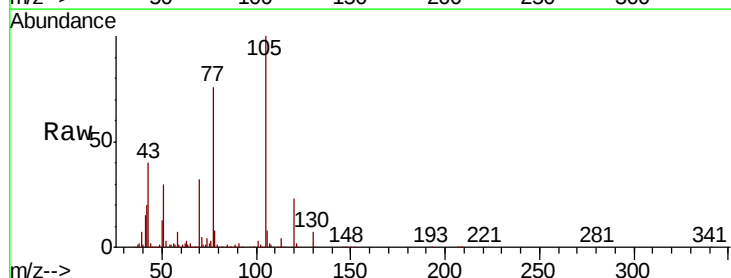


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

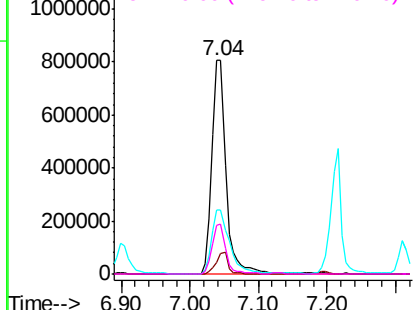
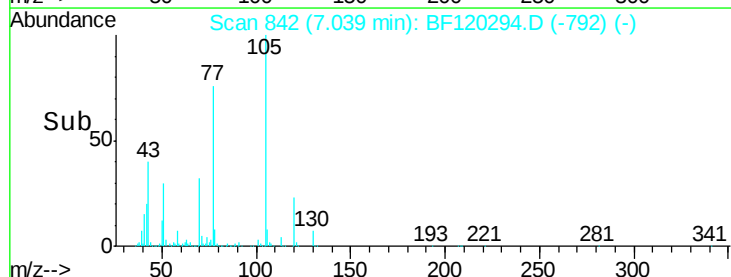


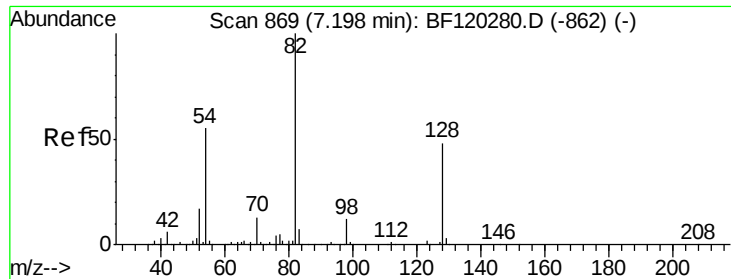
#22
Acetophenone
Concen: 37.272 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Tgt Ion	105	Resp	1158759
Ion	Ratio	Lower	Upper
105	100		
71	5.4	5.6	8.4#
51	29.8	22.6	34.0
120	22.9	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





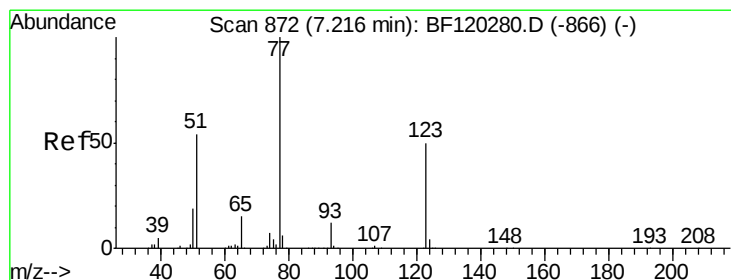
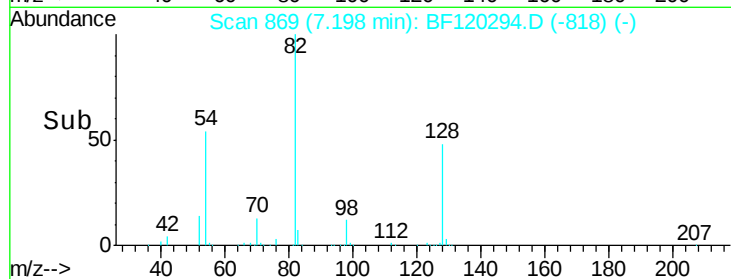
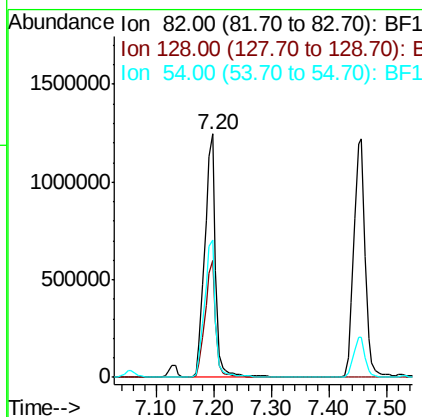
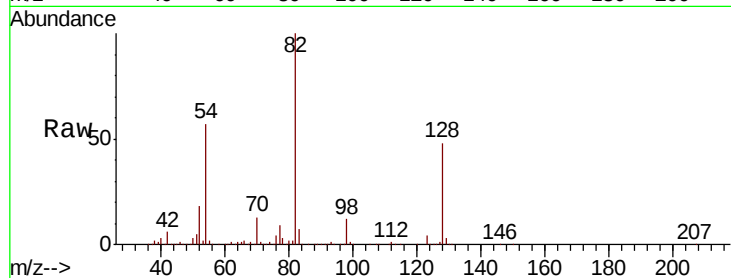
#23
 Nitrobenzene-d5
 Concen: 76.345 ng
 RT: 7.20 min Scan# 869
 Delta R.T. -0.00 min
 Lab File: BF120294.D
 Acq: 14 May 2020 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB128874BS

Tot Ion	82	Resp	1692180
Ion Ratio	100	Lower	Upper
82	100		
128	48.2	38.3	57.5
54	56.5	43.9	65.9

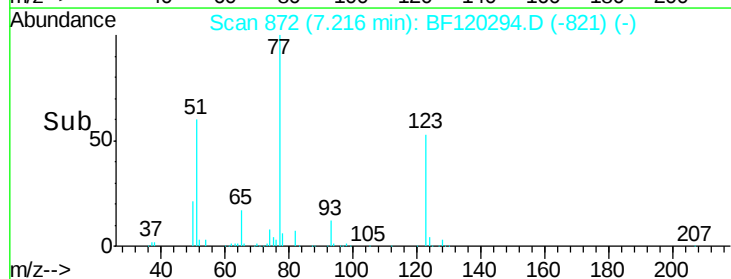
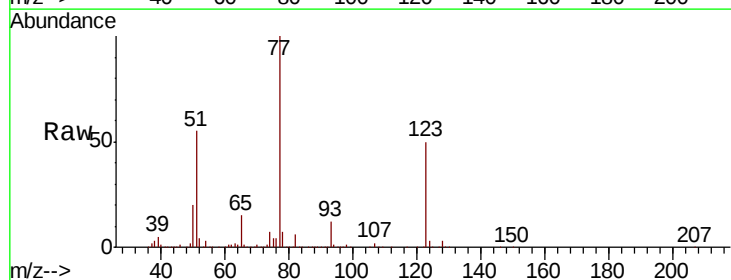
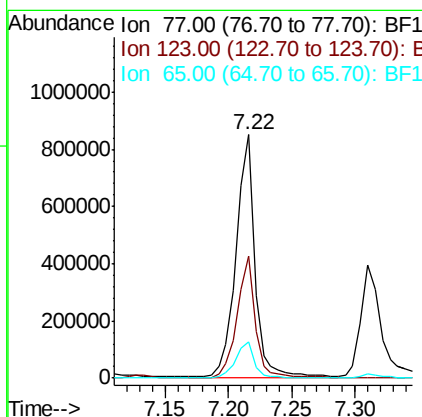
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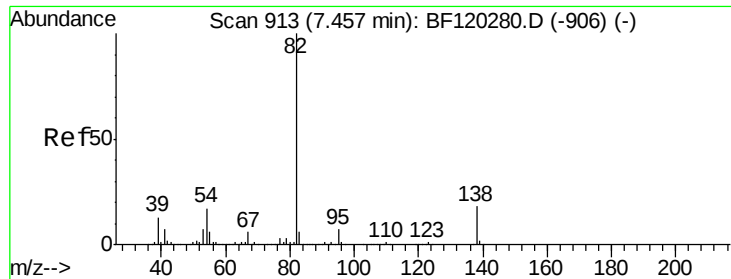
mohammad
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#24
 Nitrobenzene
 Concen: 36.770 ng
 RT: 7.22 min Scan# 872
 Delta R.T. -0.00 min
 Lab File: BF120294.D
 Acq: 14 May 2020 16:53

Tgt Ion	77	Resp	877122
Ion Ratio	100	Lower	Upper
77	100		
123	50.2	40.0	60.0
65	14.9	11.7	17.5





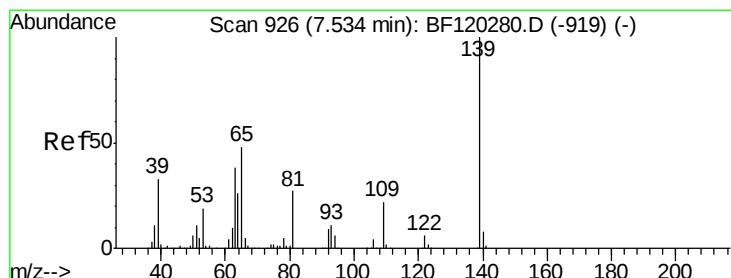
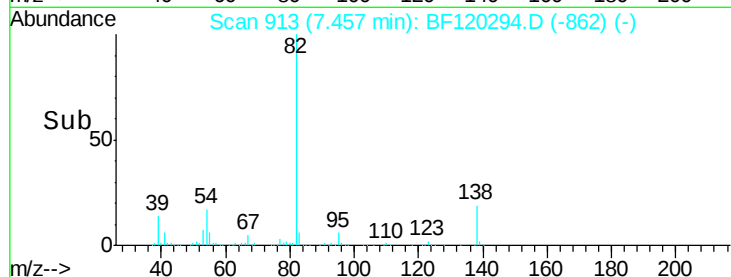
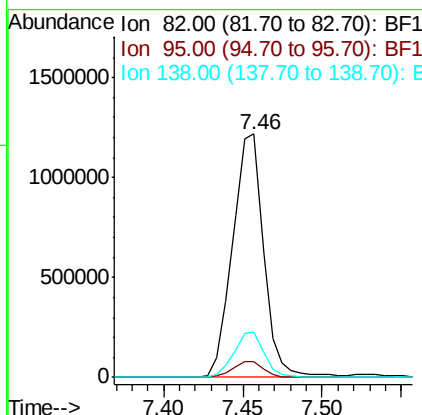
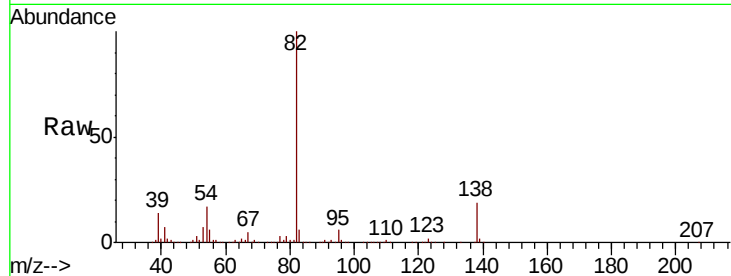
#25
Isophorone
Concen: 35.873 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Instrument :
BNA_F
ClientSampleId :
PB128874BS

Tot Ion	82	Resp	1654386
Ion Ratio	100	Lower	Upper
82	100		
95	6.4	5.4	8.0
138	18.8	14.7	22.1

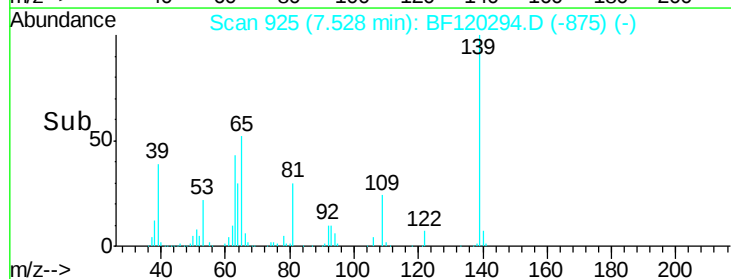
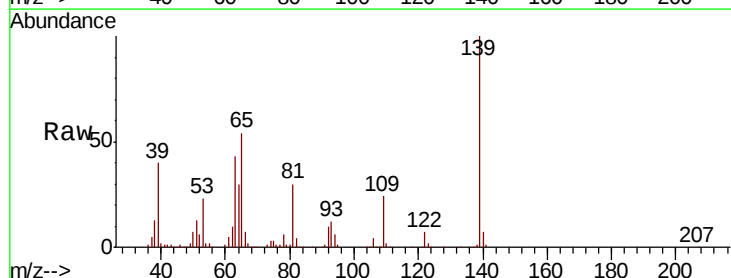
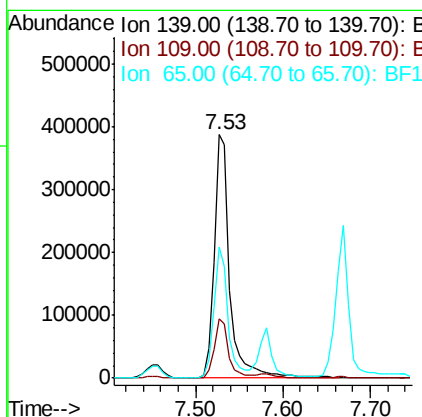
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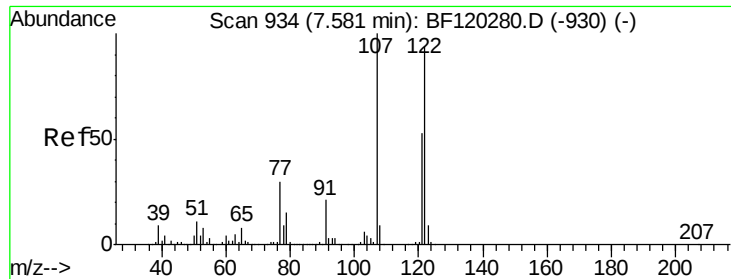
mohammad
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#26
2-Nitrophenol
Concen: 37.934 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Tgt Ion	139	Resp	473260
Ion Ratio	100	Lower	Upper
139	100		
109	24.3	17.7	26.5
65	53.7	38.3	57.5





#27

2,4-Dimethylphenol

Concen: 40.958 ng

RT: 7.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Instrument :

BNA_F

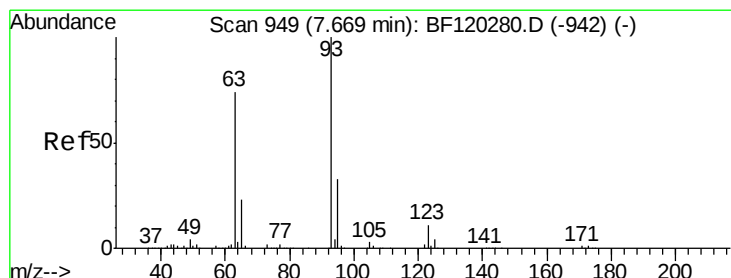
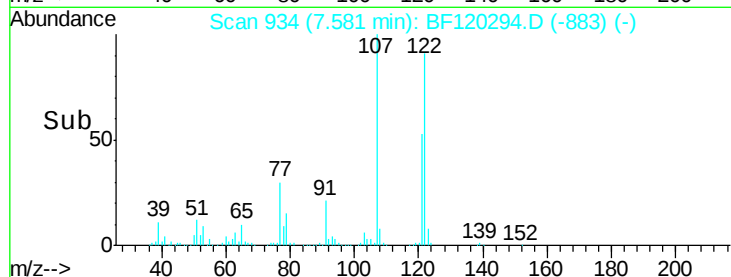
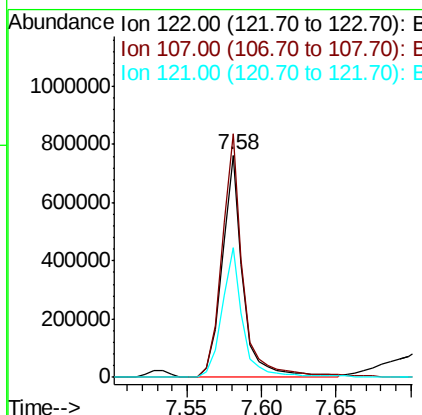
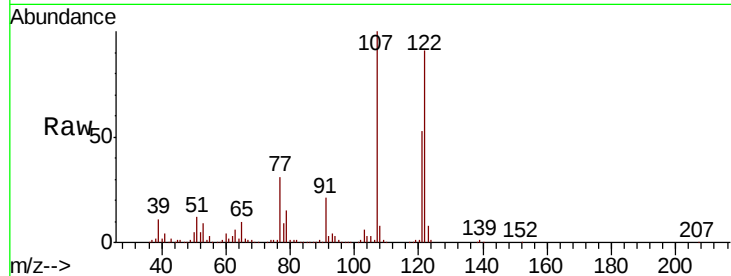
ClientSampled :

PB128874BS

Tot Ion:	122	Resp:	743306
Ion Ratio	Lower	Upper	
122	100		
107	109.7	85.0	127.6
121	58.5	45.1	67.7

Manual Integrations
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5/18/2020 1:31:49 PM



#28

bis(2-Chloroethoxy)methane

Concen: 37.327 ng

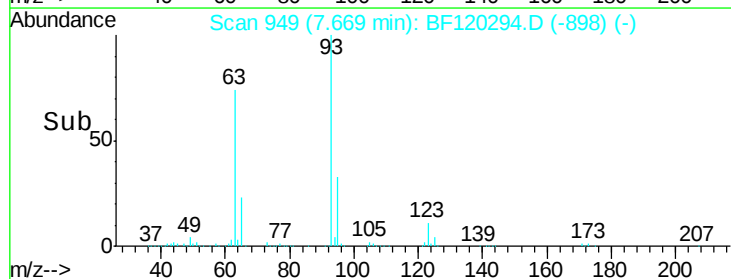
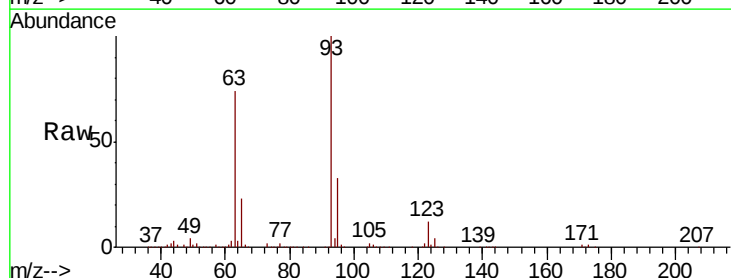
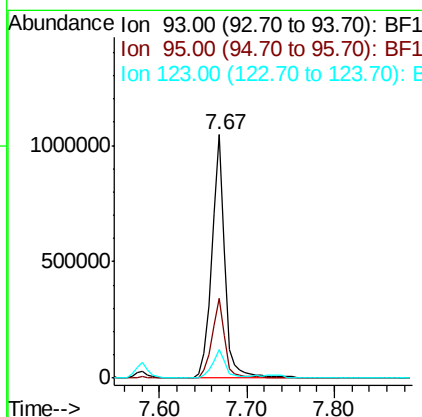
RT: 7.67 min Scan# 949

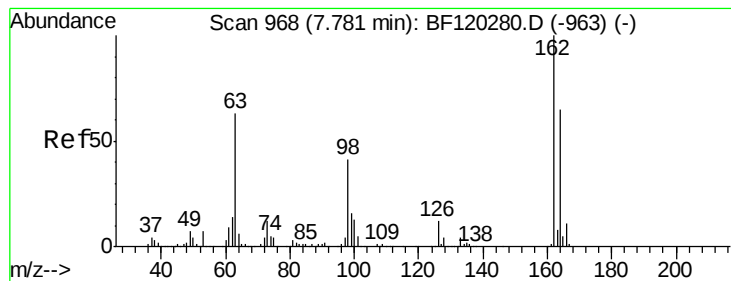
Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Tgt Ion:	93	Resp:	1082014
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.8	40.2
123	11.6	9.2	13.8





#29

2,4-Dichlorophenol

Concen: 37.920 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Instrument :

BNA_F

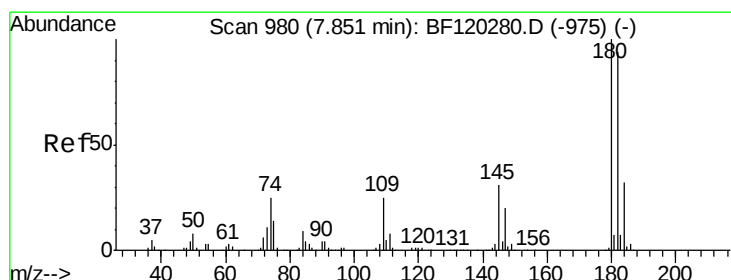
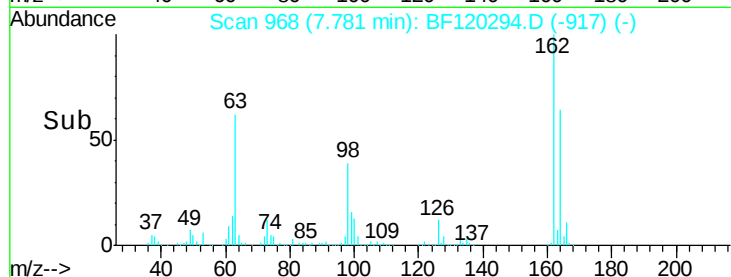
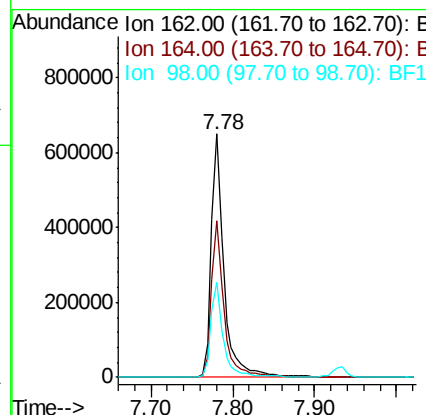
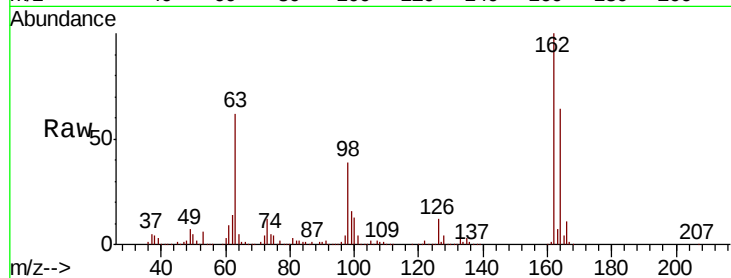
ClientSampleId :

PB128874BS

Tot Ion:	162	Resp:	706786
Ion Ratio	Lower	Upper	
162	100		
164	64.2	44.9	84.9
98	39.3	20.7	60.7

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 36.583 ng

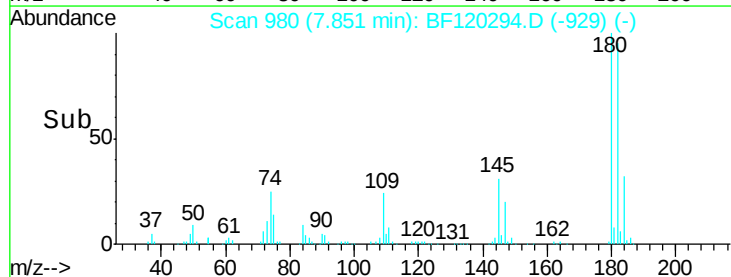
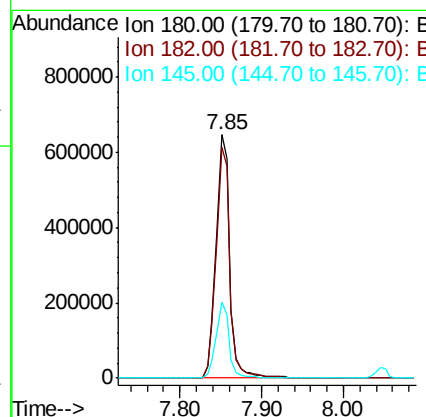
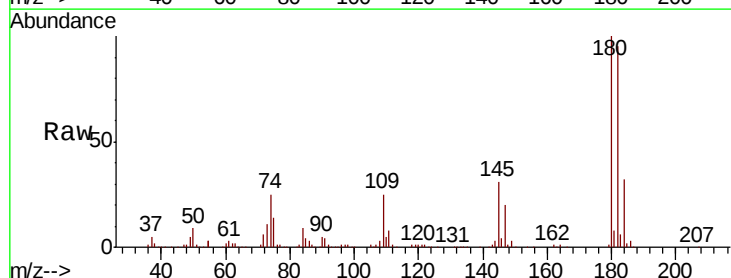
RT: 7.85 min Scan# 980

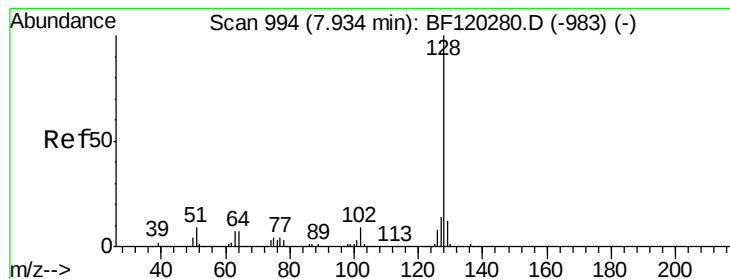
Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Tgt Ion:	180	Resp:	755606
Ion Ratio	Lower	Upper	
180	100		
182	94.8	75.3	112.9
145	31.0	24.9	37.3





#31

Naphthalene

Concen: 37.313 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Instrument :

BNA_F

ClientSampled :

PB128874BS

Tot Ion:128 Resp: 2389841

Ion Ratio Lower Upper

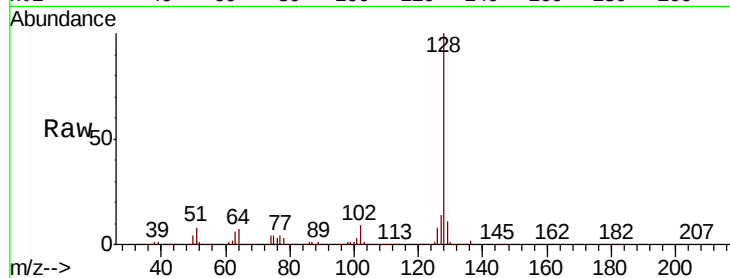
128 100

129 11.4 9.3 13.9

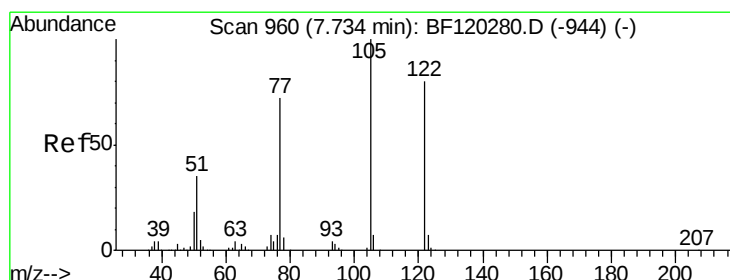
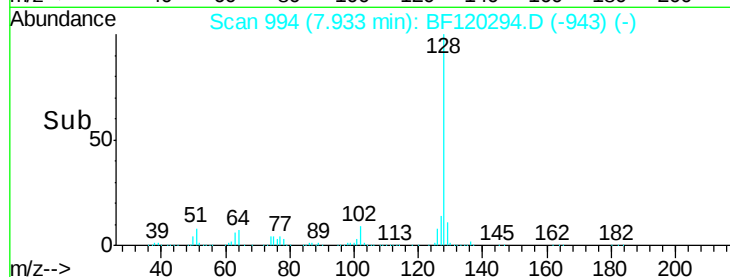
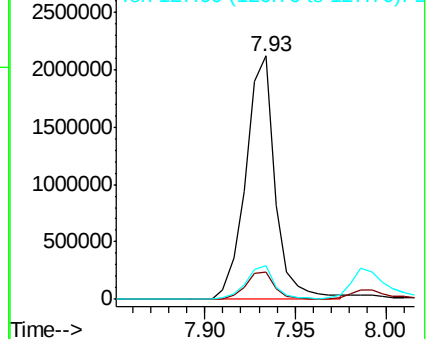
127 13.6 11.2 16.8

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.806 ng

RT: 7.74 min Scan# 961

Delta R.T. 0.01 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

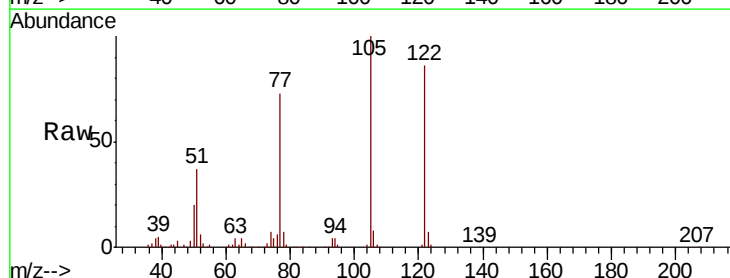
Tgt Ion:122 Resp: 437835

Ion Ratio Lower Upper

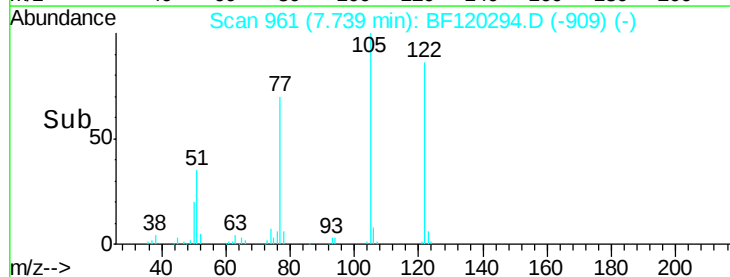
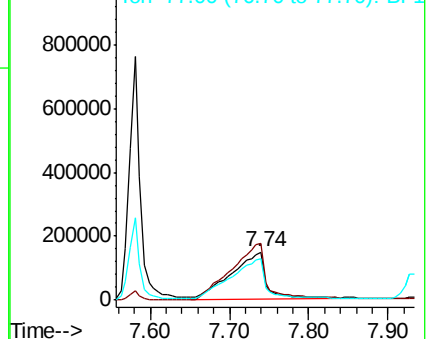
122 100

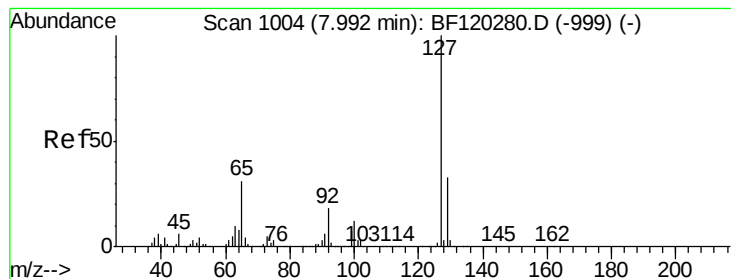
105 116.8 98.1 138.1

77 85.8 66.7 106.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 14.462 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Instrument :

BNA_F

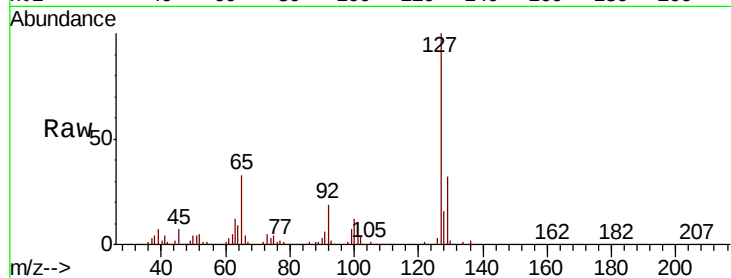
ClientSampleId :

PB128874BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	422127		
129	31.6	26.4	39.6	
65	32.7	24.8	37.2	
92	19.3	14.5	21.7	

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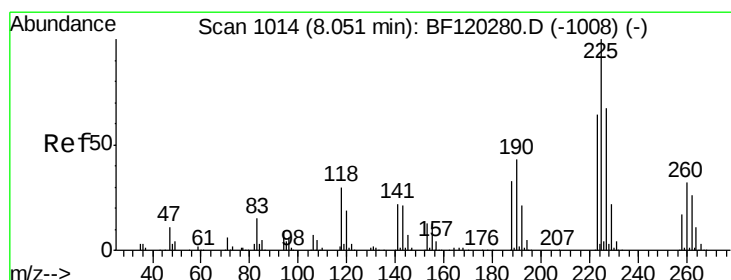
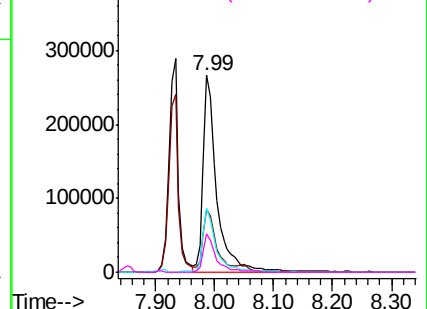
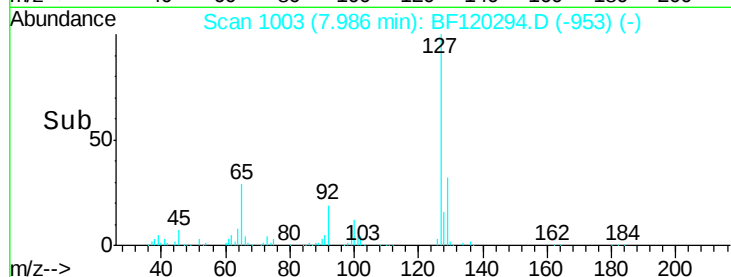


Abundance Ion 127.00 (126.70 to 127.70): E

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: 35.859 ng

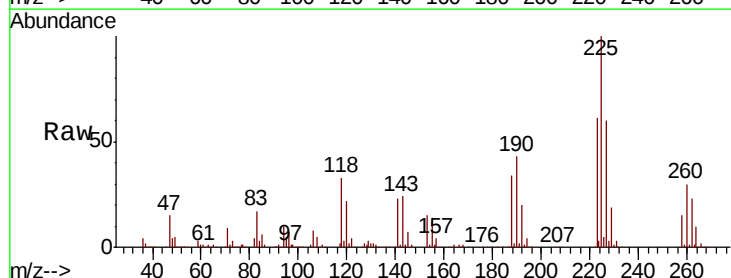
RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

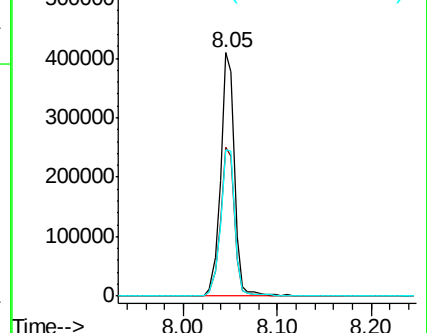
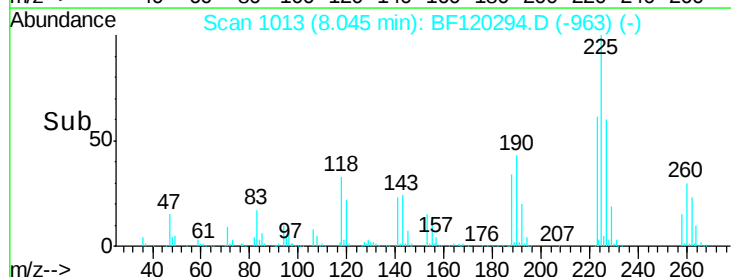
Tgt Ion	Ratio	Resp	Lower	Upper
225	100	428102		
223	61.1	51.4	77.0	
227	60.1	54.0	81.0	

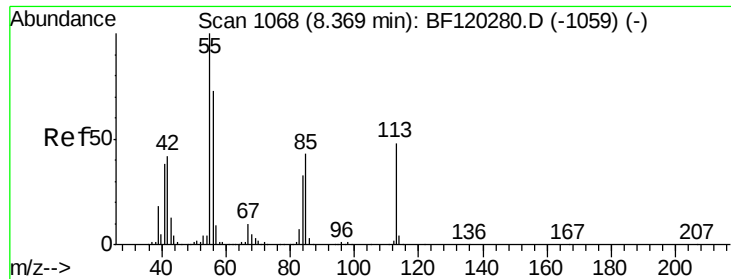


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





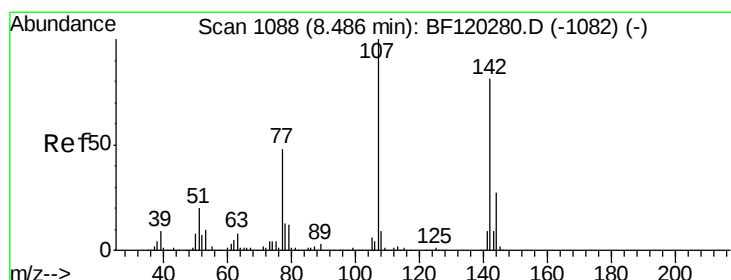
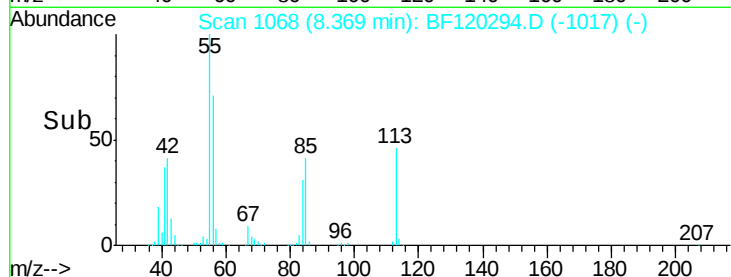
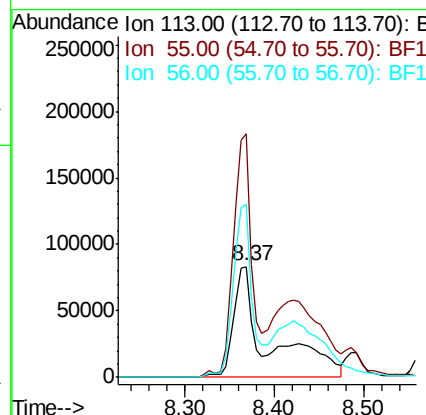
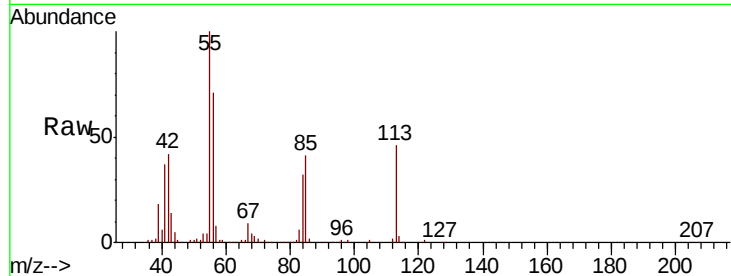
#35
 Caprolactam
 Concen: 36.951 ng/ml
 RT: 8.37 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: BF120294.D
 Acq: 14 May 2020 16:53

Instrument :
 BNA_F
 ClientSampleID :
 PB128874BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	219.7		190.4	230.4	
56	156.5		132.7	172.7	

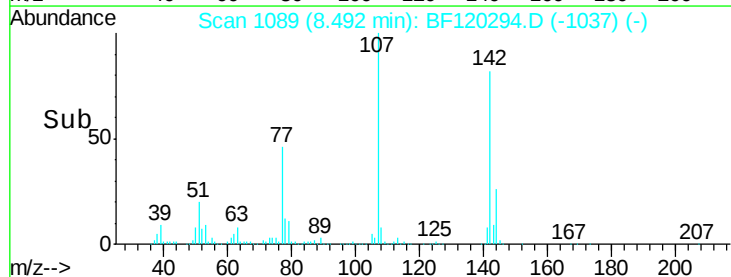
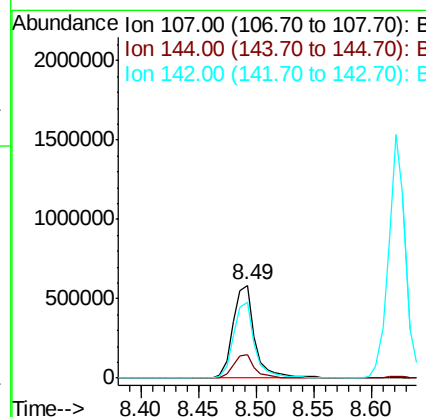
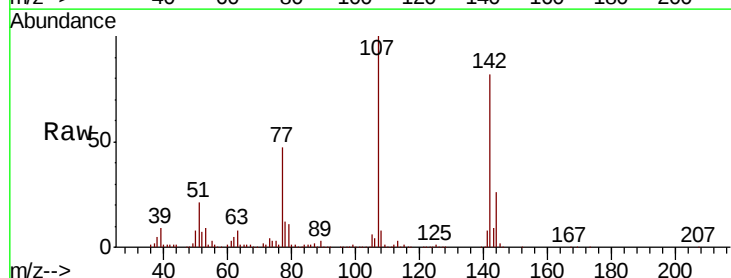
Manual Integrations
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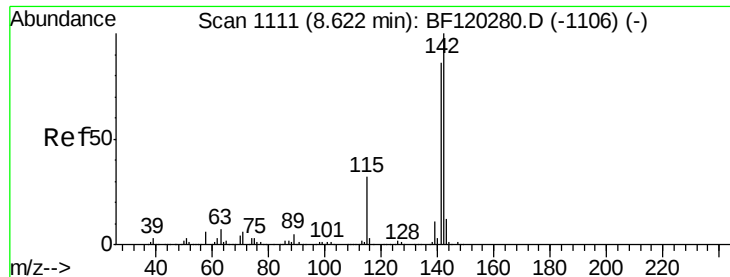
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#36
 4-Chloro-3-methylphenol
 Concen: 37.833 ng/ml
 RT: 8.49 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: BF120294.D
 Acq: 14 May 2020 16:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.0		21.4	32.2	
142	82.2		65.1	97.7	





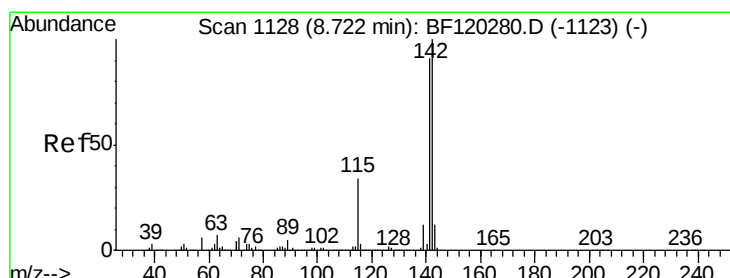
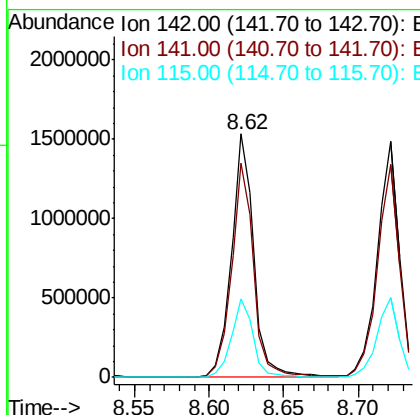
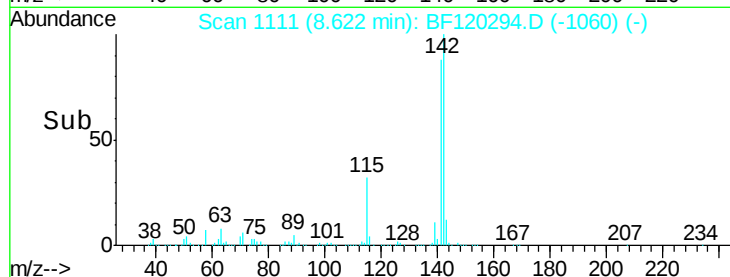
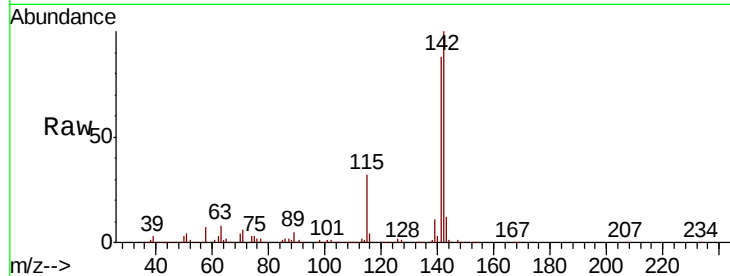
#37
2-Methylnaphthalene
Concen: 36.924 ng
RT: 8.62 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Instrument :
BNA_F
ClientSampleId :
PB128874BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	68.8	103.2
115	32.4	25.7	38.5

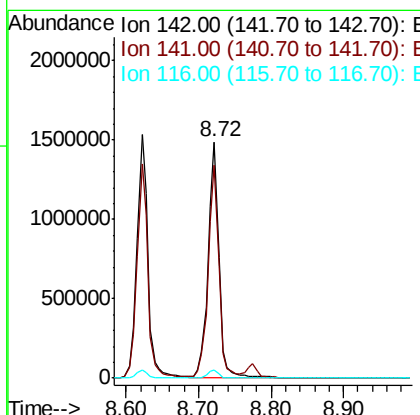
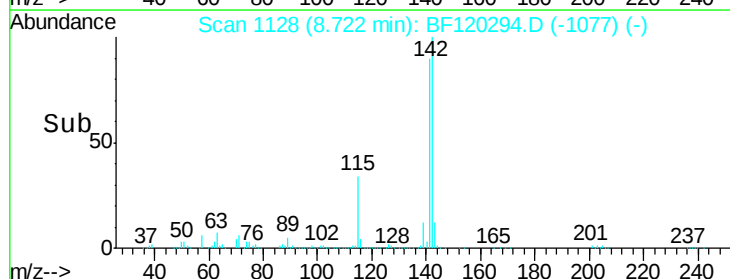
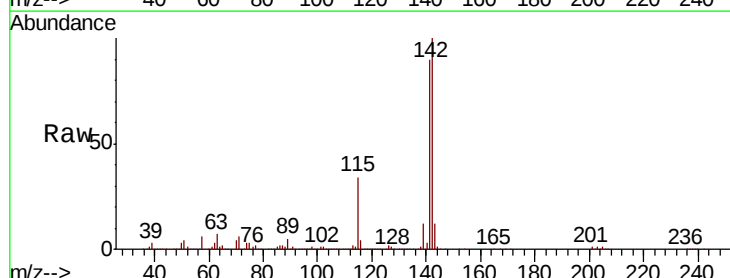
Manual Integrations
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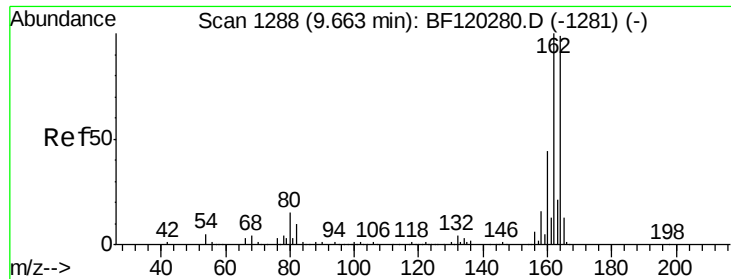
mohammad
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#38
1-Methylnaphthalene
Concen: 36.815 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	73.0	109.6
116	3.6	2.7	4.1





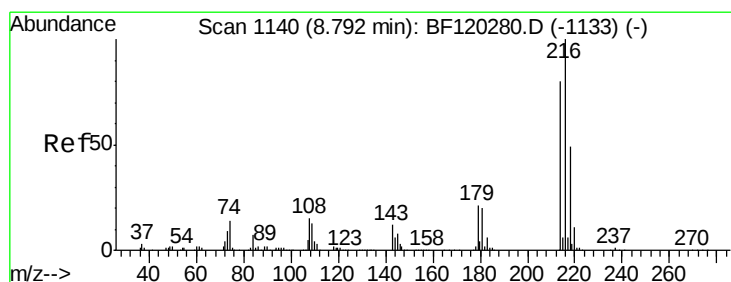
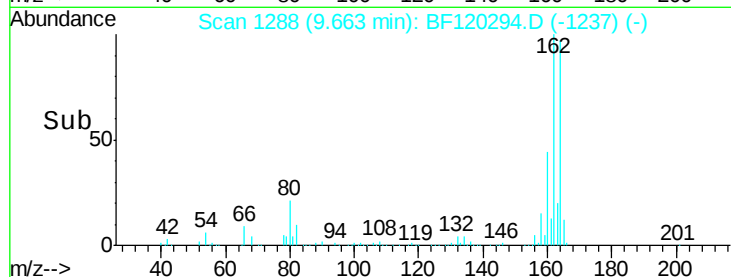
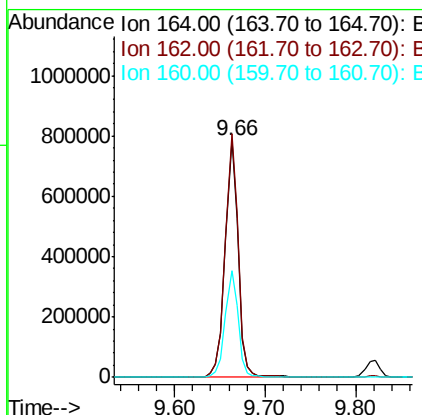
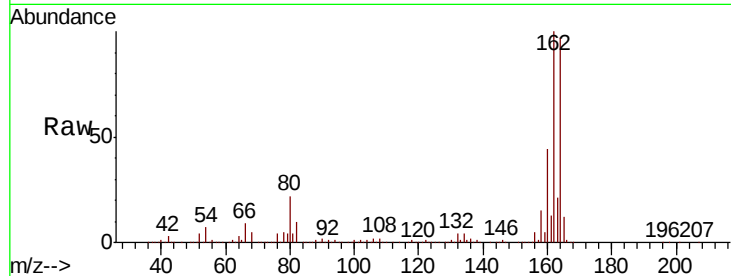
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Instrument :
BNA_F
ClientSampleId :
PB128874BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.9	81.2	121.8	
160	45.1	35.8	53.6	

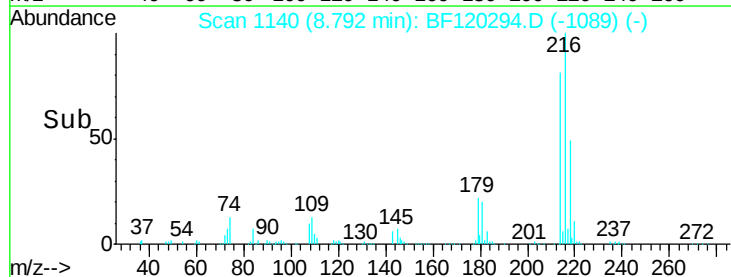
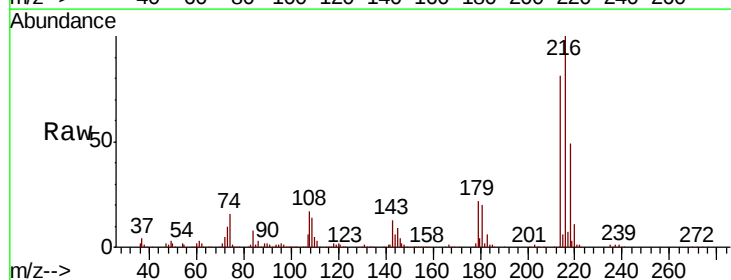
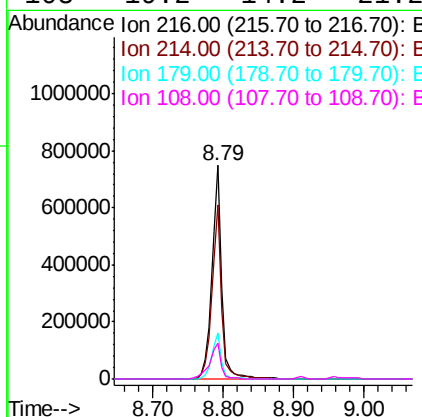
Manual Integrations
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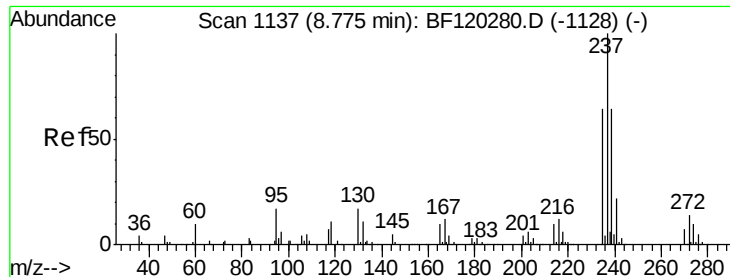
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.162 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.2	64.0	96.0	
179	21.2	16.9	25.3	
108	19.2	14.2	21.2	





#41

Hexachlorocyclopentadiene

Concen: 80.000 ng

RT: 8.77 min Scan# 1137

Delta R.T. 0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Instrument :

BNA_F

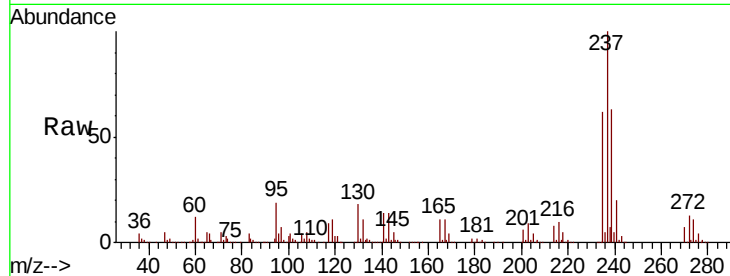
ClientSampleId :

PB128874BS

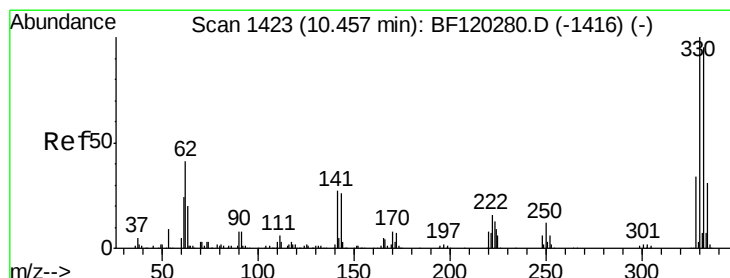
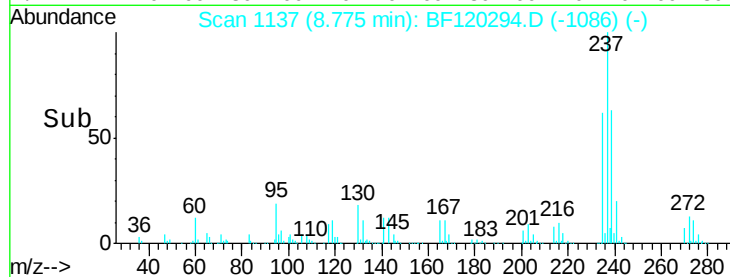
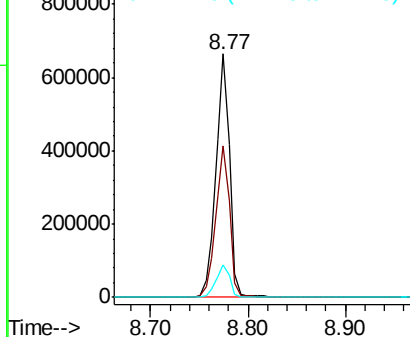
Tot Ion:	237	Resp:	645781
Ion Ratio	Lower	Upper	
237	100		
235	62.3	43.8	83.8
272	13.3	0.0	33.9

Manual Integrations
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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: 122.778 ng

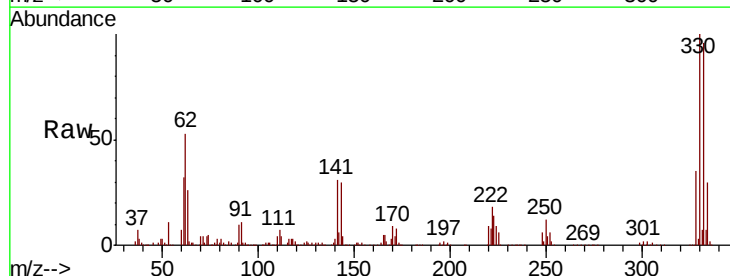
RT: 10.46 min Scan# 1423

Delta R.T. -0.00 min

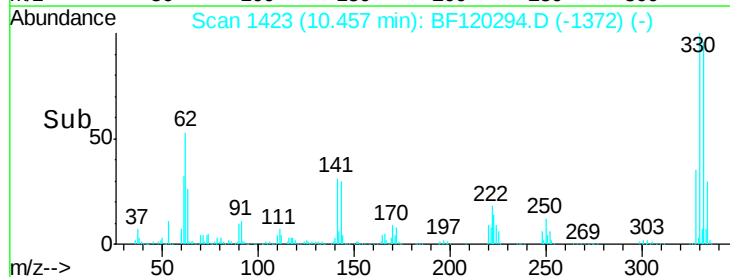
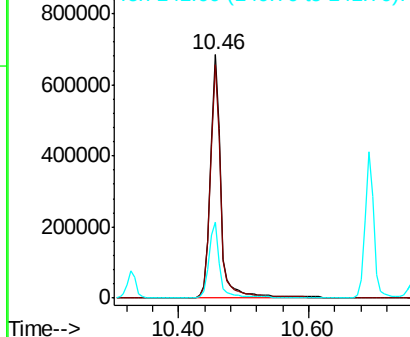
Lab File: BF120294.D

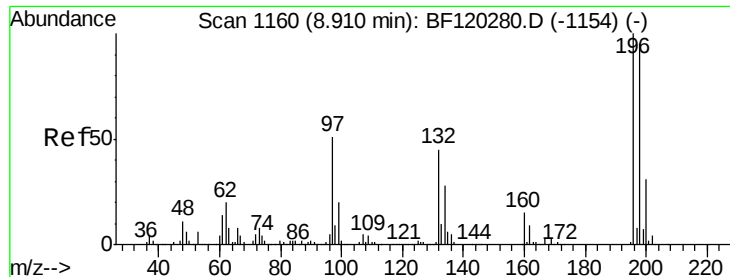
Acq: 14 May 2020 16:53

Tgt Ion:	330	Resp:	776897
Ion Ratio	Lower	Upper	
330	100		
332	94.0	76.5	114.7
141	30.7	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





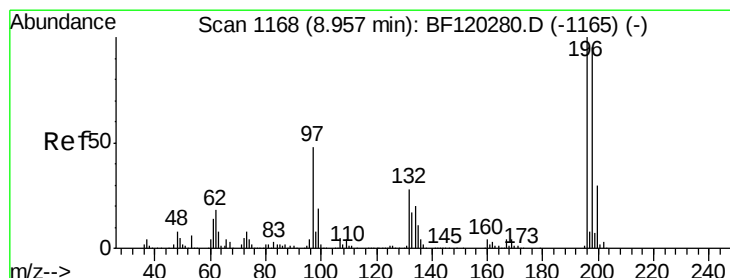
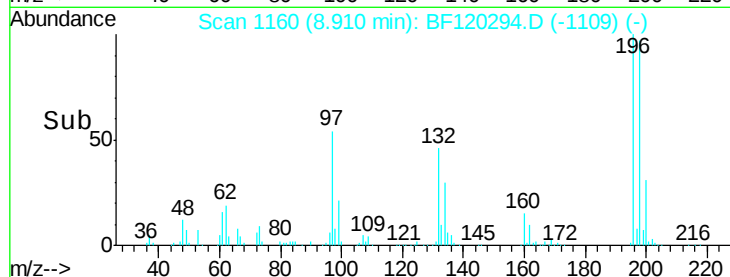
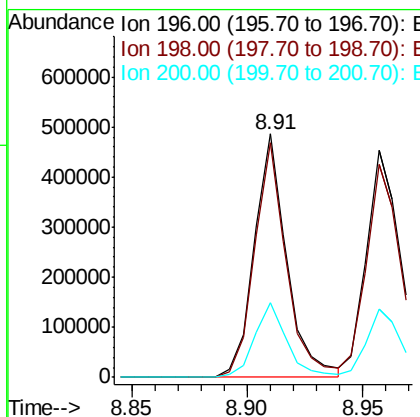
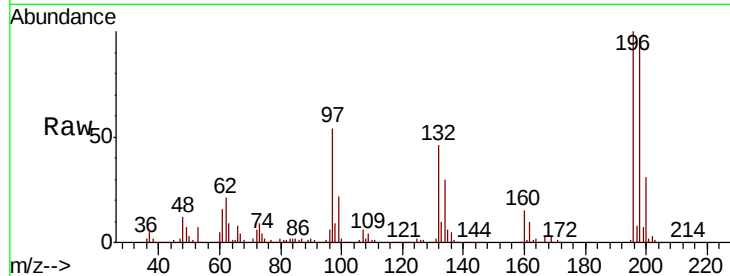
#43
 2,4,6-Trichlorophenol
 Concen: 36.386 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BF120294.D
 Acq: 14 May 2020 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB128874BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	477954		
198	96.5	76.2	114.4	
200	30.7	24.9	37.3	

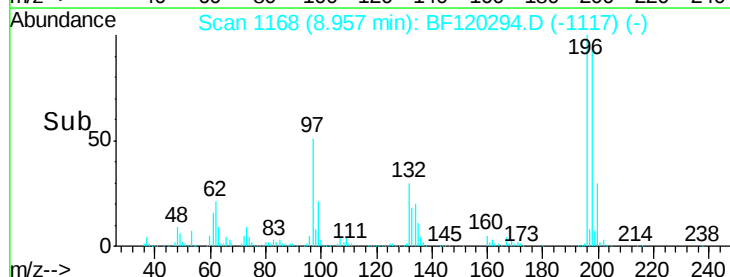
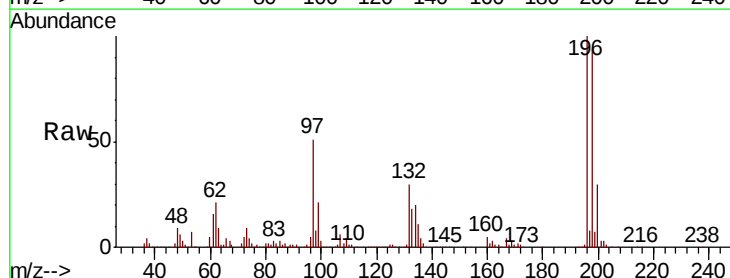
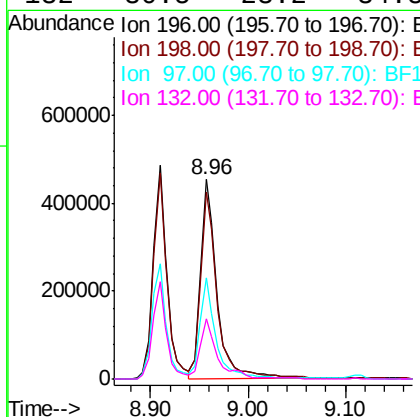
Manual Integrations
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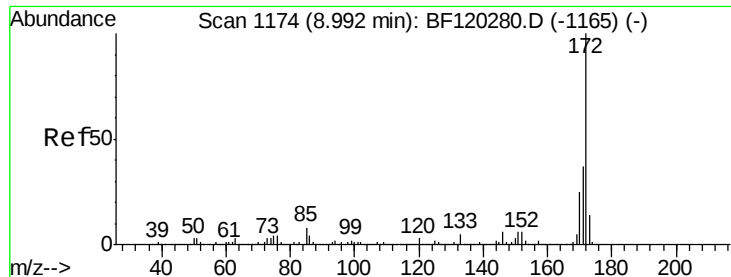
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 34.924 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.00 min
 Lab File: BF120294.D
 Acq: 14 May 2020 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	526831		
198	94.1	76.2	114.4	
97	50.9	38.6	57.8	
132	30.5	23.2	34.8	





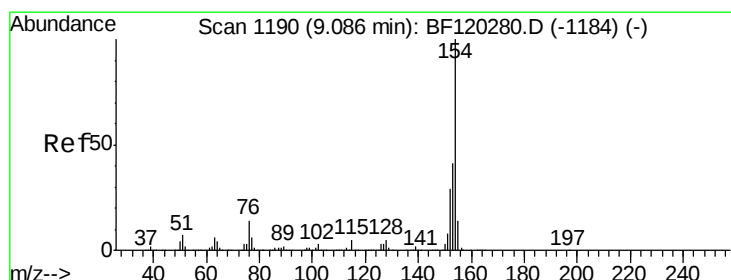
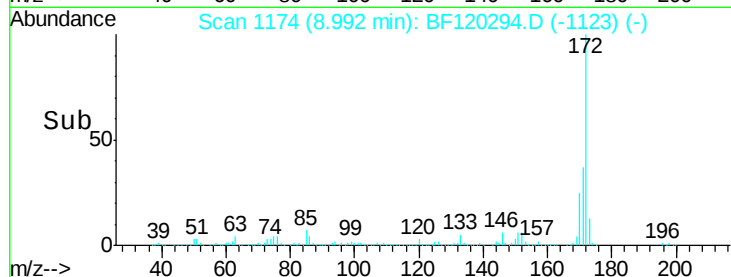
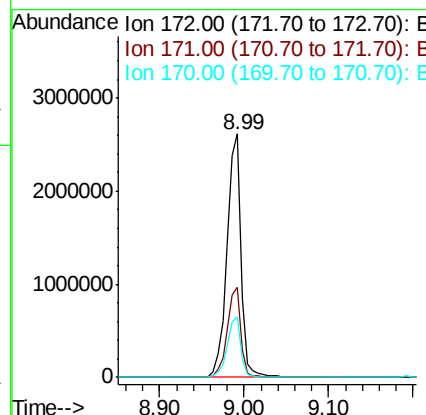
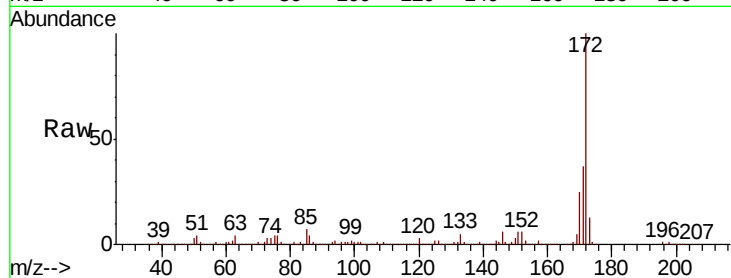
#45
2-Fluorobiphenyl
Concen: 80.222 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Instrument :
BNA_F
ClientSampleId :
PB128874BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	24.9	19.9	29.9

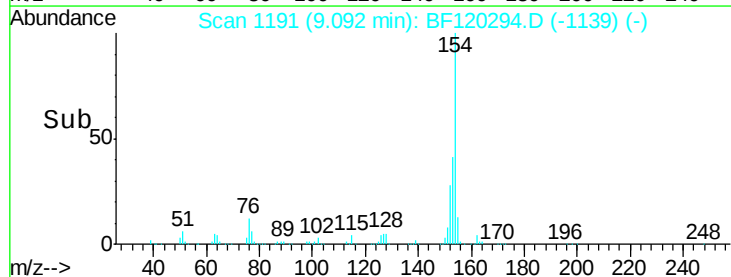
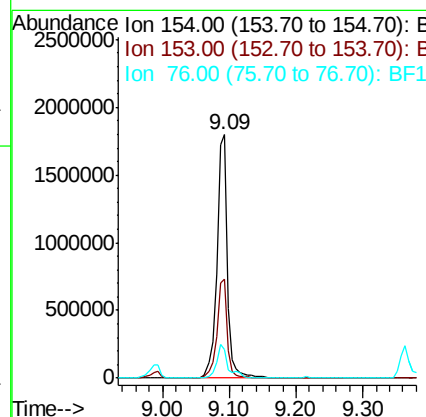
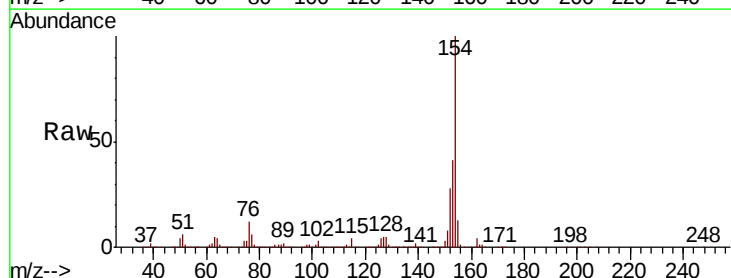
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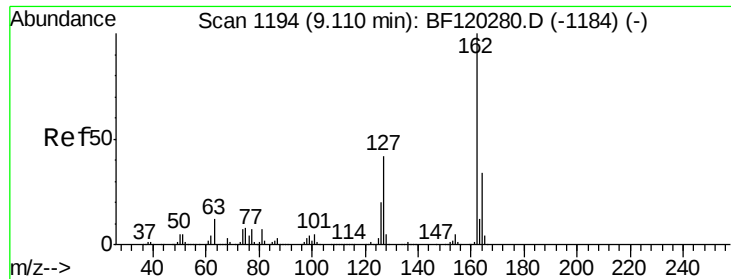
mohammad
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#46
1,1'-Biphenyl
Concen: 39.120 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.01 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.8	60.8
76	12.0	0.0	34.3





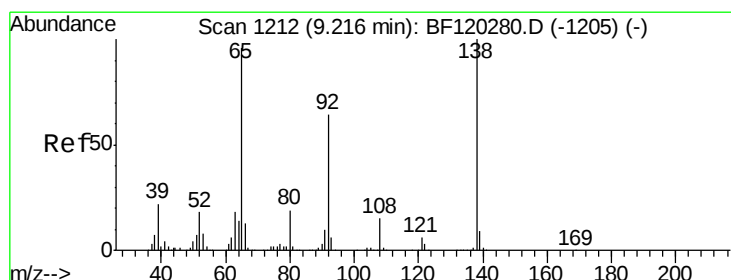
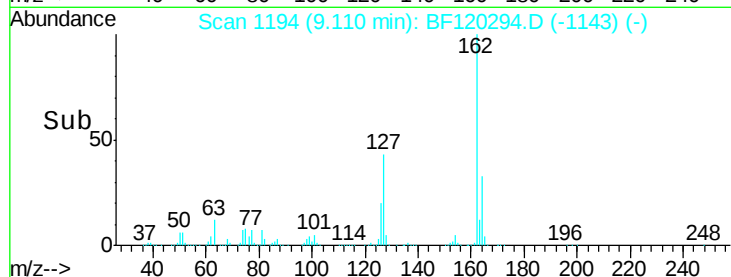
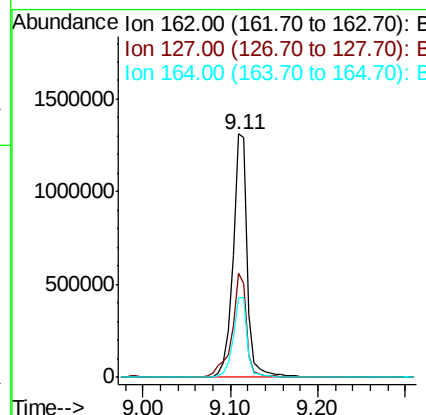
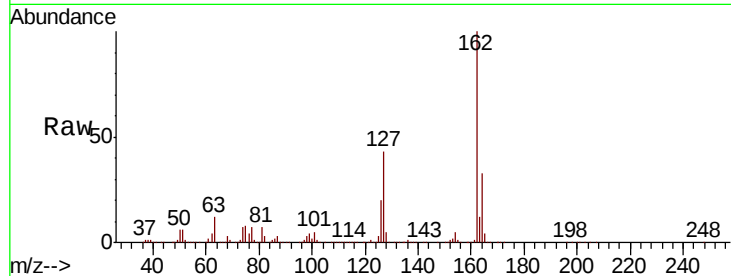
#47
 2-Chloronaphthalene
 Concen: 36.564 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BF120294.D
 Acq: 14 May 2020 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB128874BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.7	33.4	50.0
164	33.0	27.0	40.6

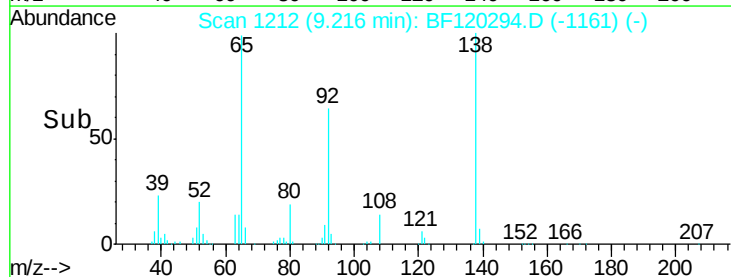
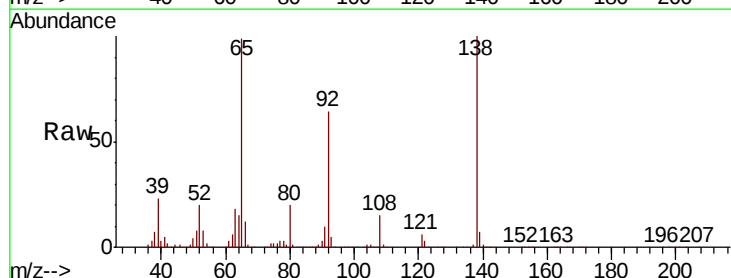
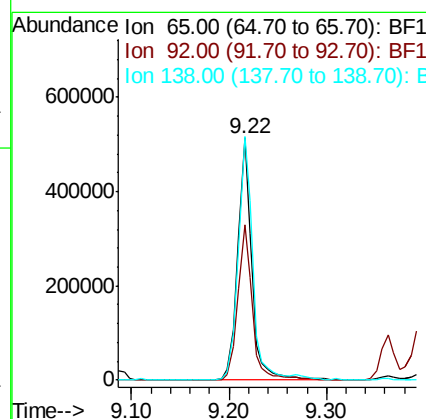
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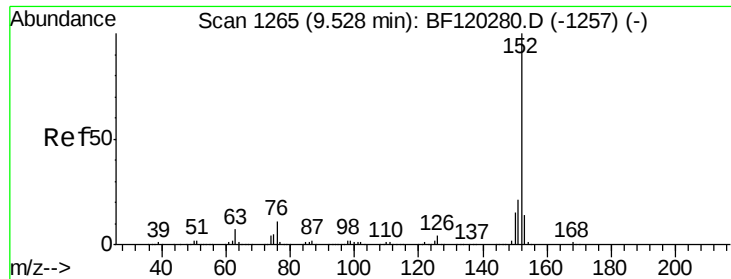
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#48
 2-Nitroaniline
 Concen: 34.936 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF120294.D
 Acq: 14 May 2020 16:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.0	52.9	79.3
138	100.7	83.0	124.4





#49

Acenaphthylene

Concen: 37.634 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Instrument :

BNA_F

ClientSampleId :

PB128874BS

Tot Ion:152 Resp: 2344855

Ion Ratio Lower Upper

152 100

151 20.6 16.6 25.0

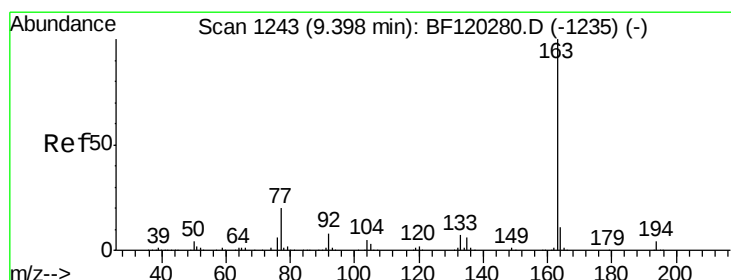
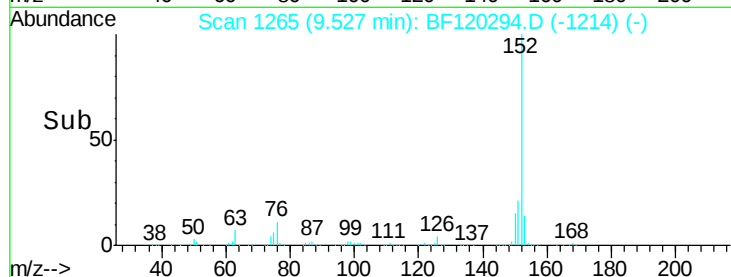
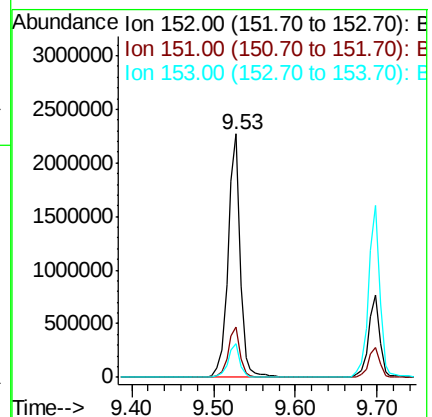
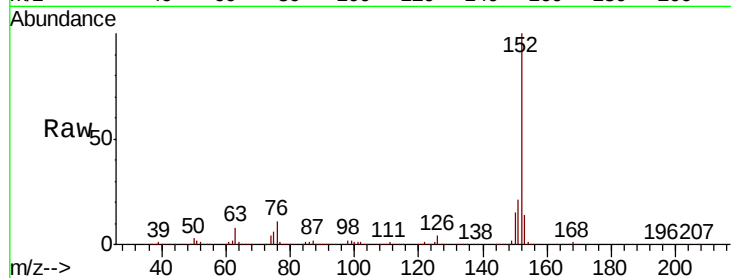
153 13.6 11.1 16.7

Manual Integrations

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#50

Dimethylphthalate

Concen: 35.755 ng

RT: 9.40 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

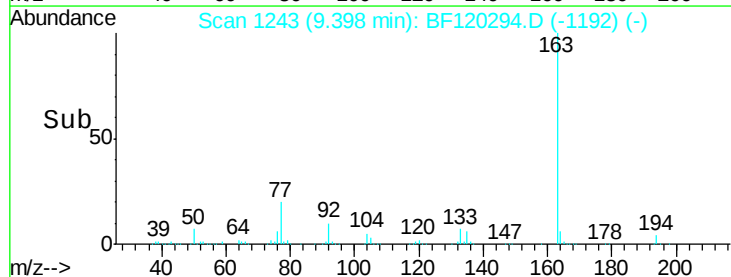
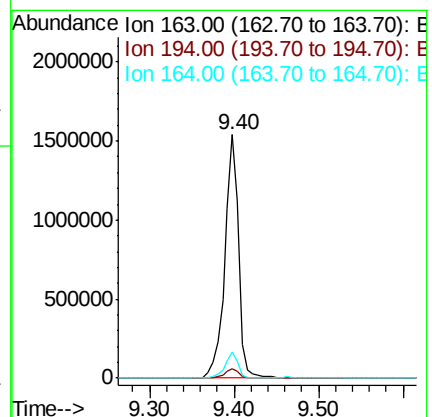
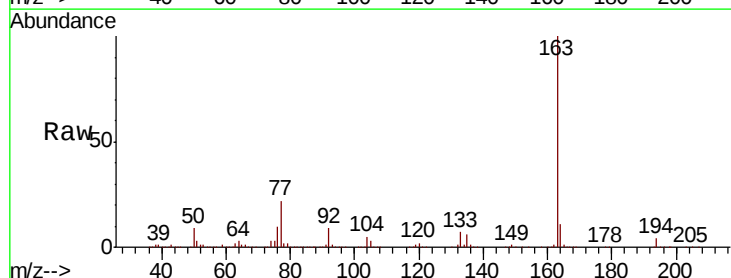
Tgt Ion:163 Resp: 1754092

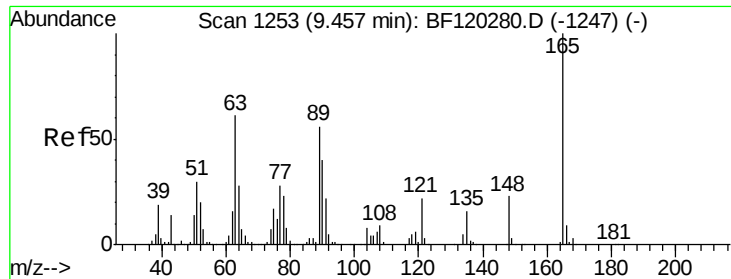
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.8 8.6 12.8





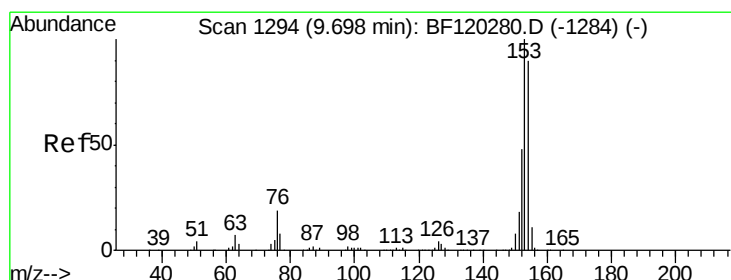
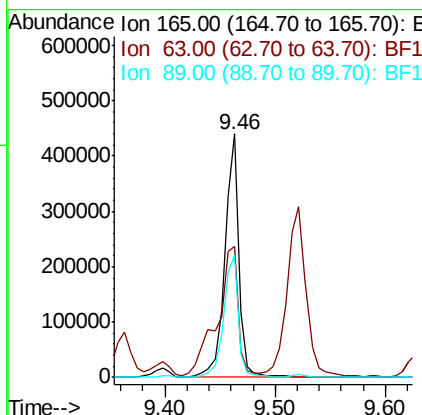
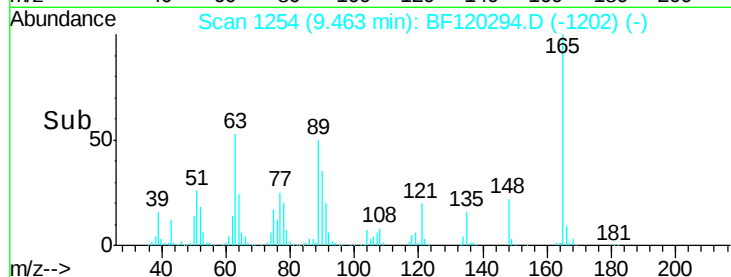
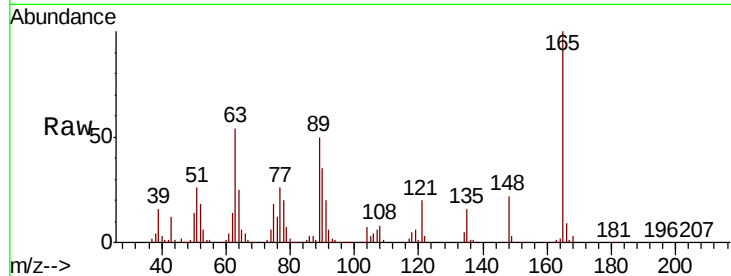
#51
 2,6-Dinitrotoluene
 Concen: 35.728 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. 0.01 min
 Lab File: BF120294.D
 Acq: 14 May 2020 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB128874BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	391206		
63	54.0		50.2	75.2
89	50.2		44.6	66.8

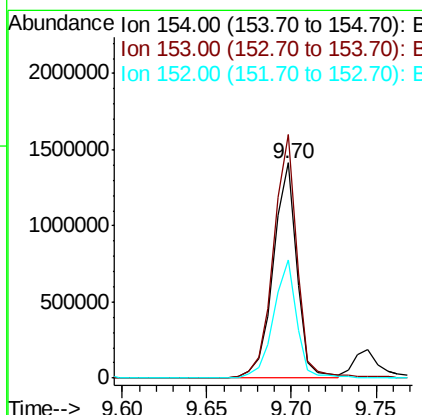
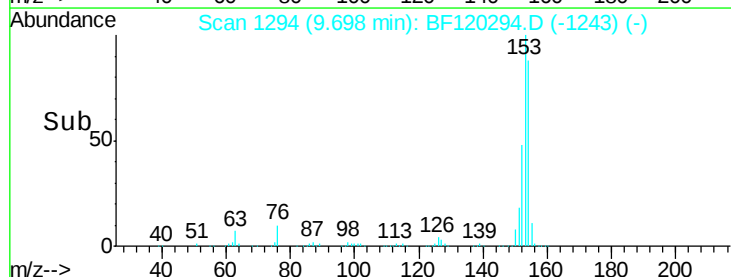
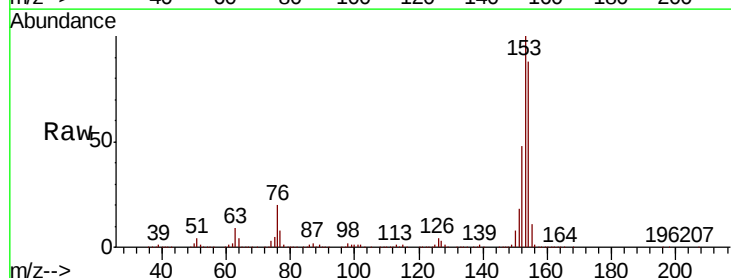
Manual Integrations
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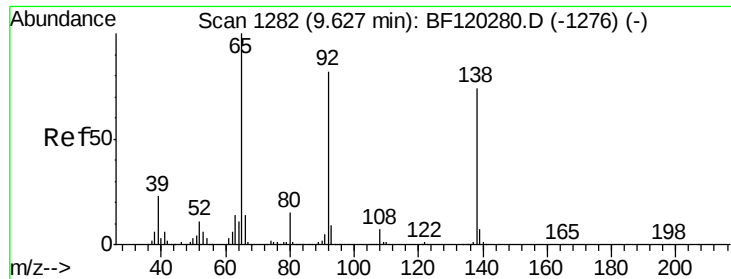
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#52
 Acenaphthene
 Concen: 36.594 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BF120294.D
 Acq: 14 May 2020 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1366658		
153	113.2		89.0	133.4
152	54.8		42.6	64.0





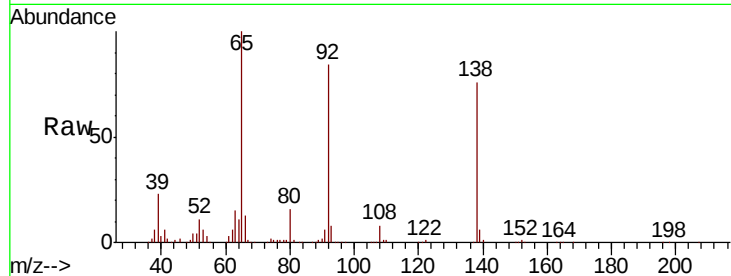
#53
3-Nitroaniline
Concen: 16.964 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Instrument :
BNA_F
ClientSampleId :
PB128874BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	221499		
108	9.9	8.2	12.2	
92	110.5	89.6	134.4	

Manual Integrations
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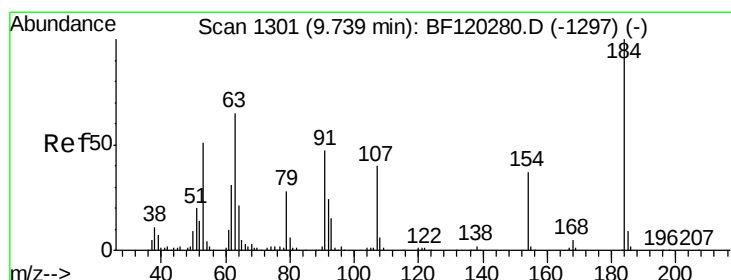
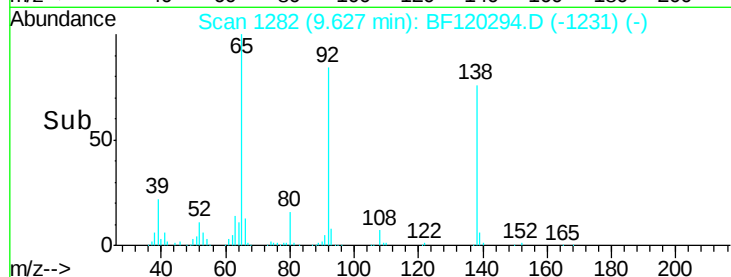
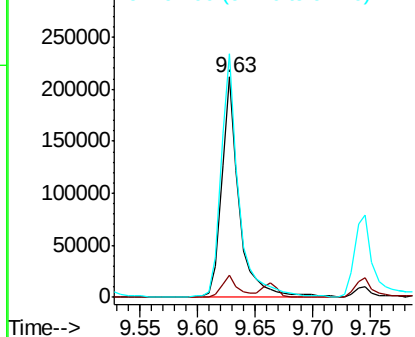


Abundance

Ion 138.00 (137.70 to 138.70): E

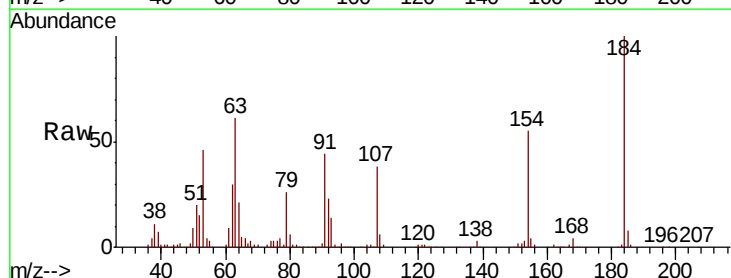
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 72.390 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	374146		
63	60.9	53.6	80.4	
154	54.6	46.8	70.2	

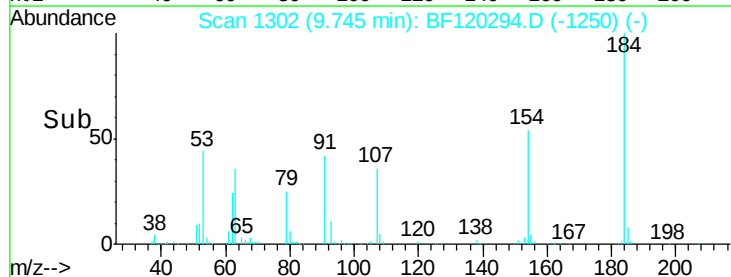
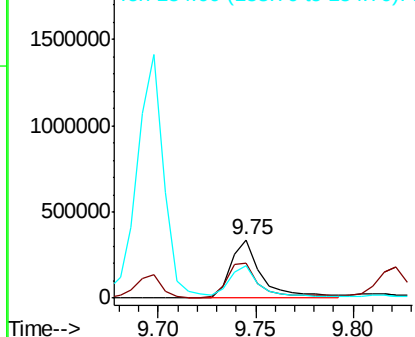


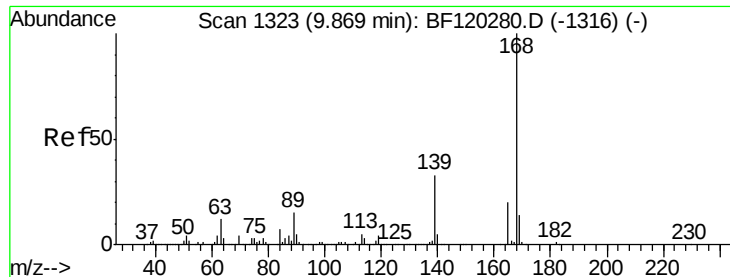
Abundance

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





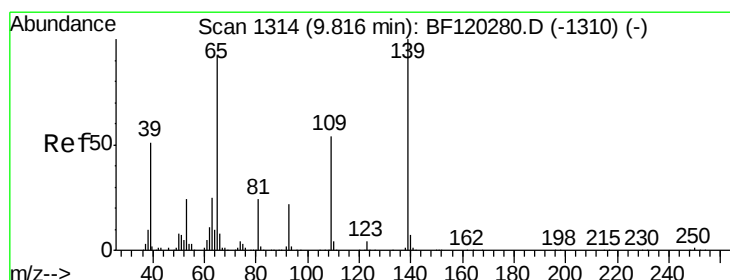
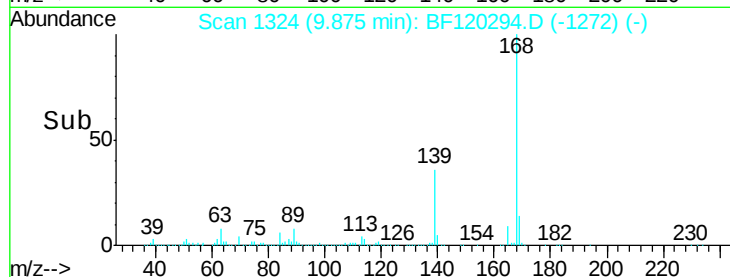
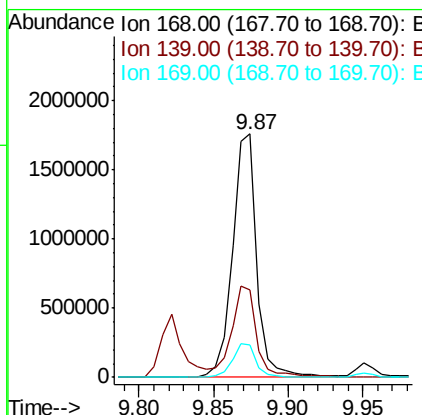
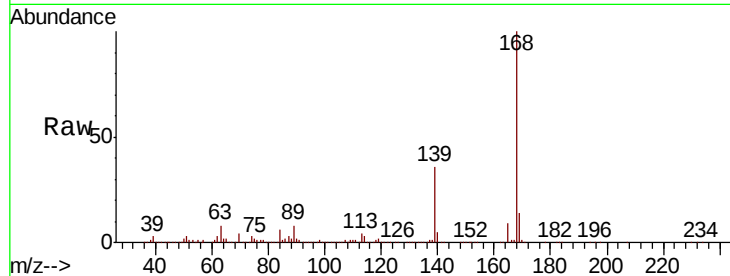
#55
Dibenzofuran
Concen: 37.373 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Instrument :
BNA_F
ClientSampleId :
PB128874BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.0	29.8	44.6
169	13.5	11.0	16.6

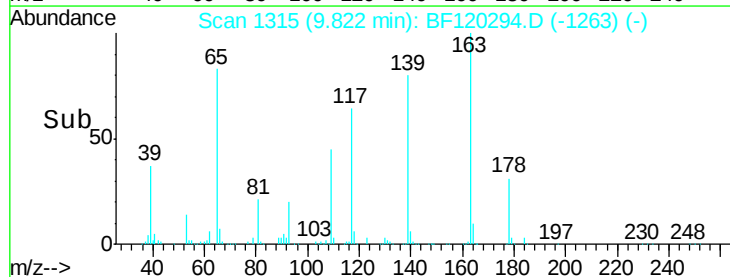
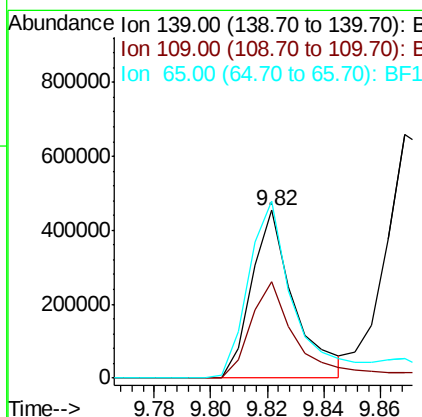
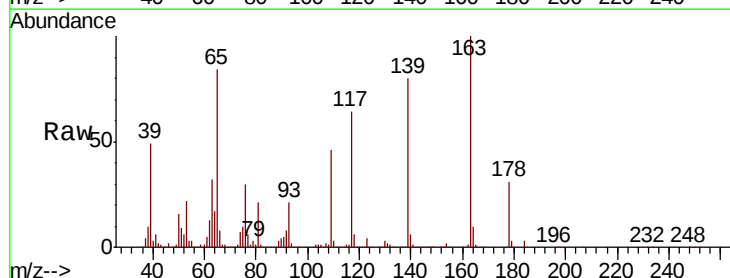
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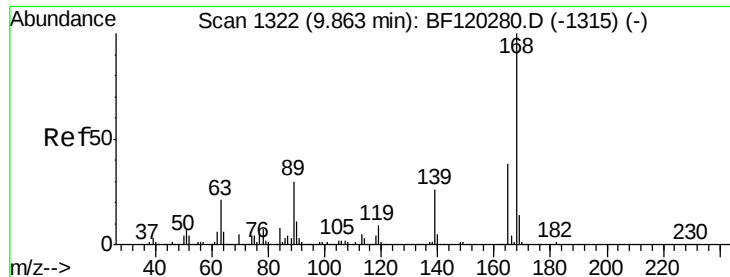
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#56
4-Nitrophenol
Concen: 67.721 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	57.1	34.6	74.6
65	105.5	73.3	113.3





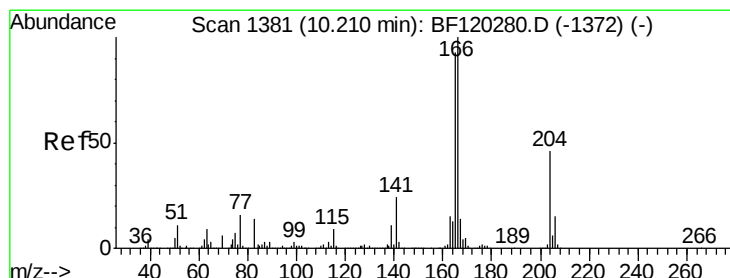
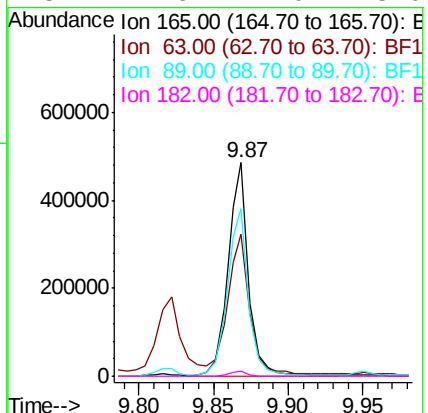
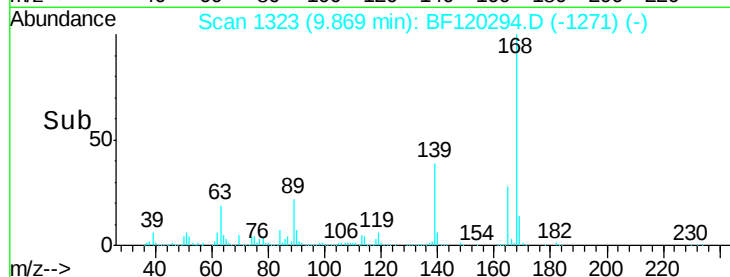
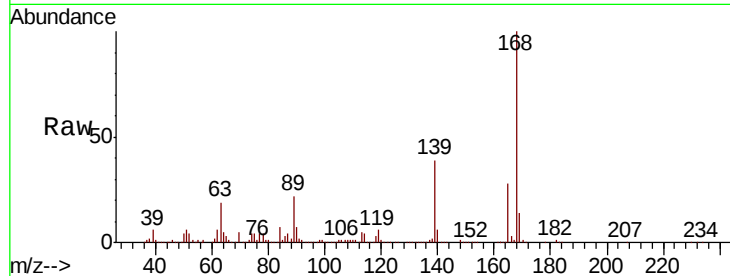
#57
 2,4-Dinitrotoluene
 Concen: 36.220 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: BF120294.D
 Acq: 14 May 2020 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB128874BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	465217		
63	66.4	51.8	77.8	
89	78.4	64.2	96.4	
182	2.6	2.0	3.0	

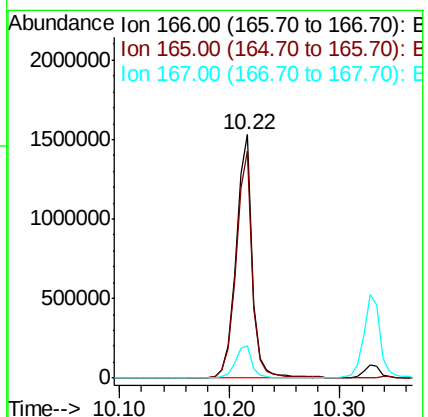
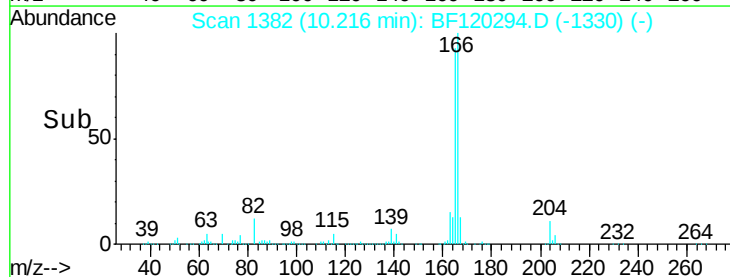
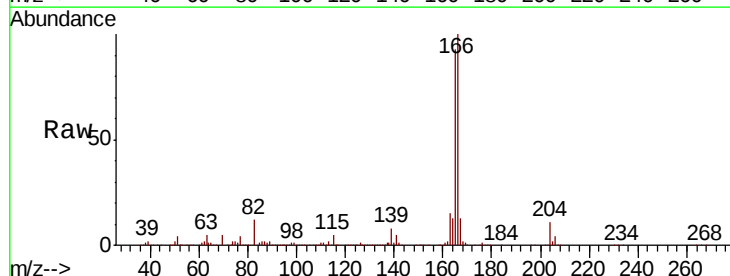
Manual Integrations
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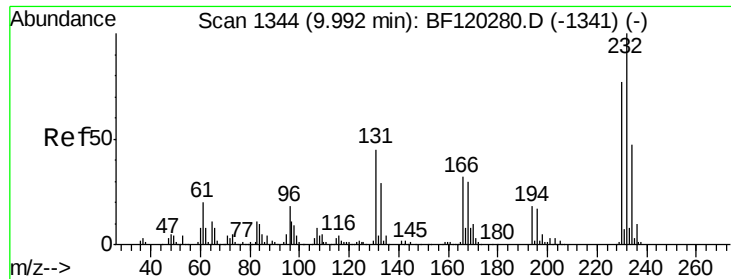
mohammad
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#58
 Fluorene
 Concen: 38.447 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: BF120294.D
 Acq: 14 May 2020 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1574756		
165	93.1	74.7	112.1	
167	13.3	11.4	17.0	





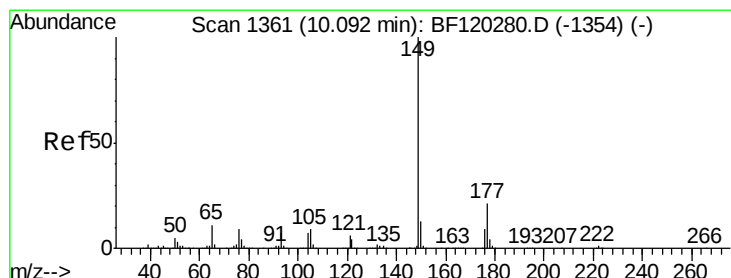
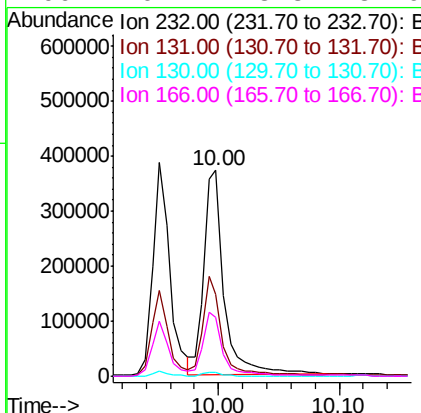
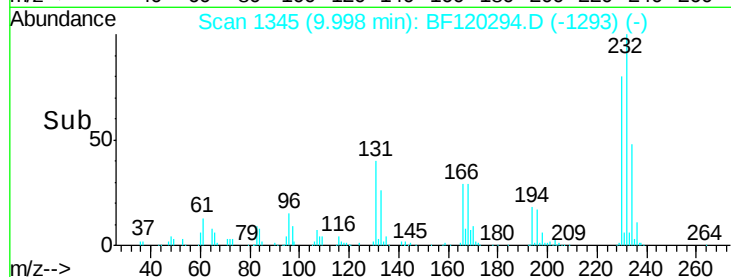
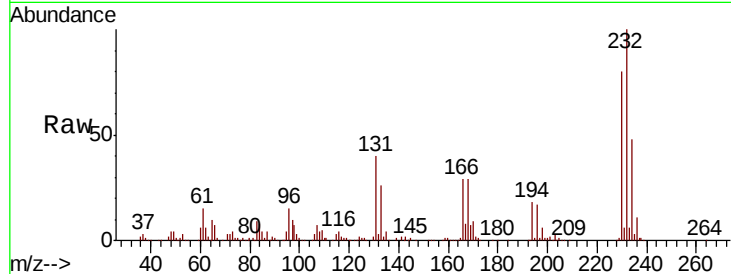
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.116 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.01 min
 Lab File: BF120294.D
 Acq: 14 May 2020 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB128874BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.6	34.1	51.1
130	2.3	1.7	2.5
166	29.1	23.3	34.9

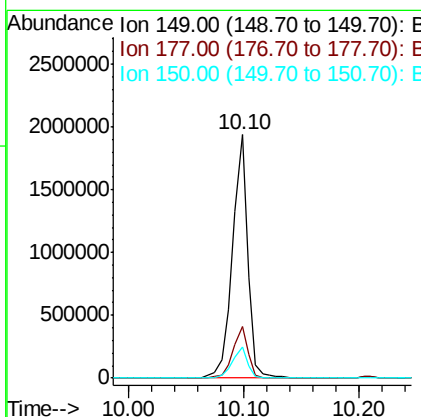
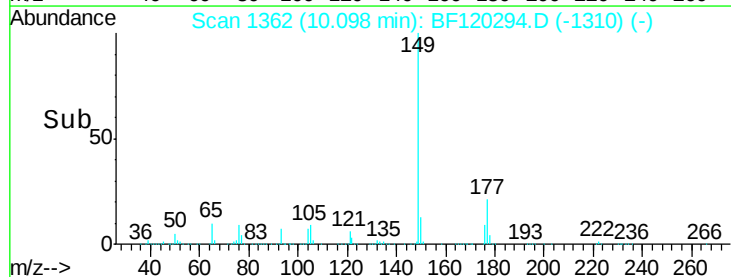
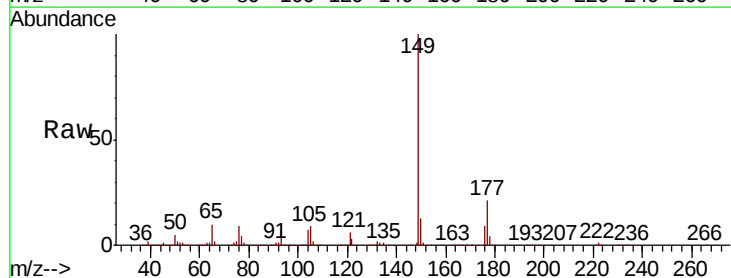
Manual Integrations
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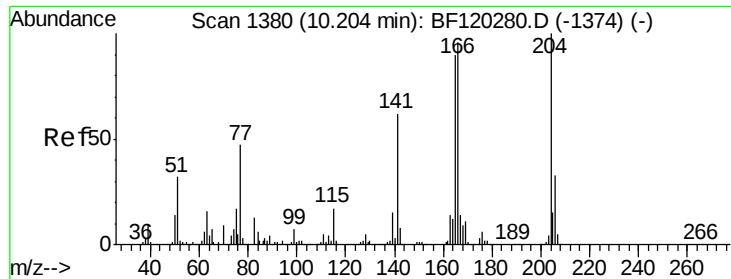
mohammad
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#60
 Diethylphthalate
 Concen: 37.546 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: BF120294.D
 Acq: 14 May 2020 16:53

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.1	25.7
150	12.8	10.3	15.5





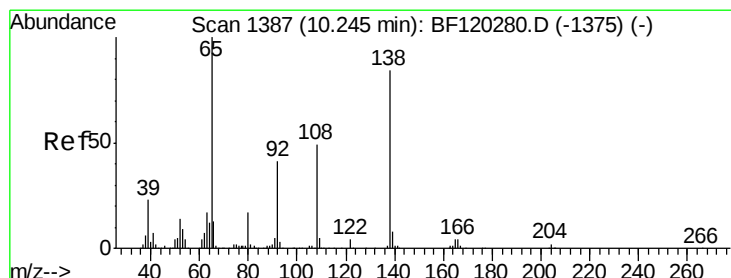
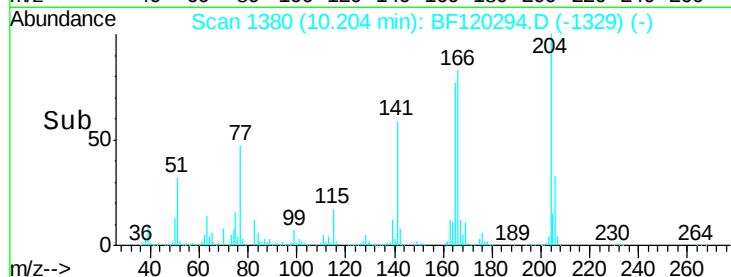
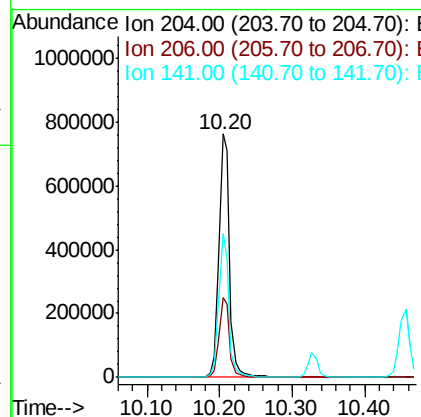
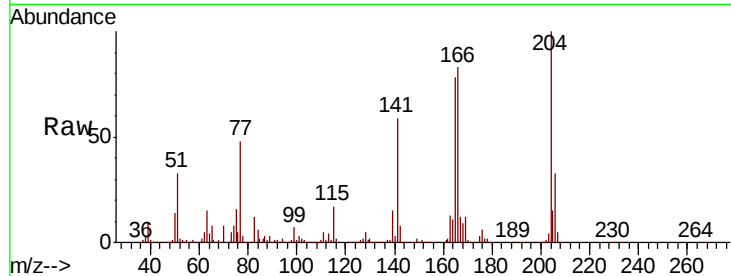
#61
 4-Chlorophenyl-phenylether
 Concen: 36.359 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. 0.00 min
 Lab File: BF120294.D
 Acq: 14 May 2020 16:53

Instrument :
 BNA_F
 ClientSampled :
 PB128874BS

Tot Ion:	204	Resp:	774268
Ion Ratio	Lower	Upper	
204	100		
206	32.8	26.8	40.2
141	59.3	49.5	74.3

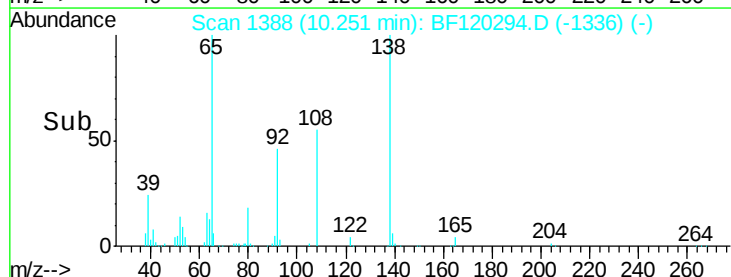
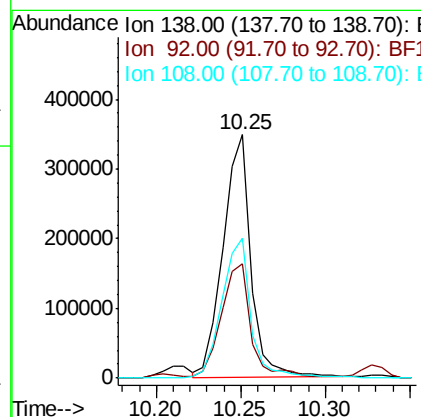
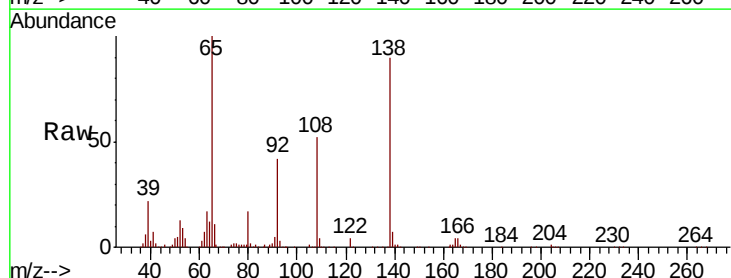
Manual Integrations
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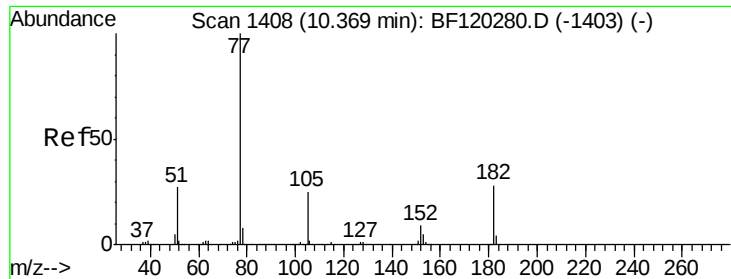
mohammad
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#62
 4-Nitroaniline
 Concen: 32.683 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: BF120294.D
 Acq: 14 May 2020 16:53

Tgt Ion:	138	Resp:	397385
Ion Ratio	Lower	Upper	
138	100		
92	46.9	28.9	68.9
108	57.4	38.4	78.4





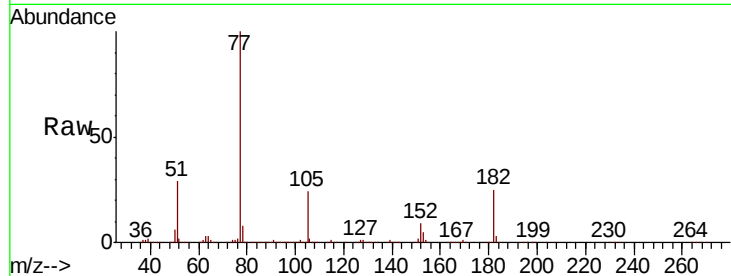
#63
Azobenzene
Concen: 41.776 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Instrument :
BNA_F
ClientSampleId :
PB128874BS

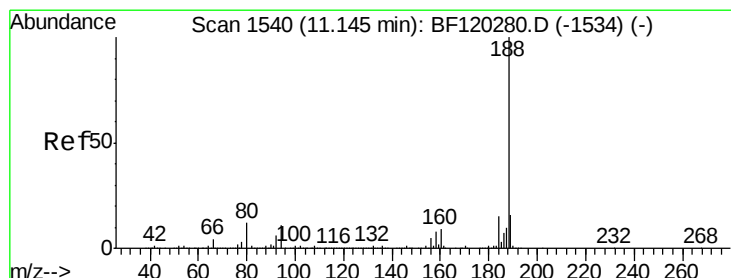
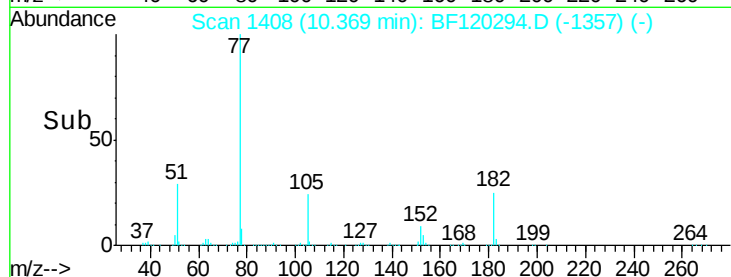
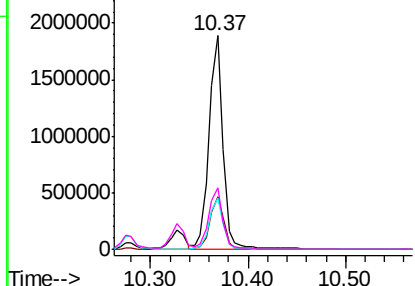
Tot Ion	77	Resp	1870054
Ion	Ratio	Lower	Upper
77	100		
182	24.5	7.4	47.4
105	24.0	4.4	44.4
51	28.6	8.3	48.3

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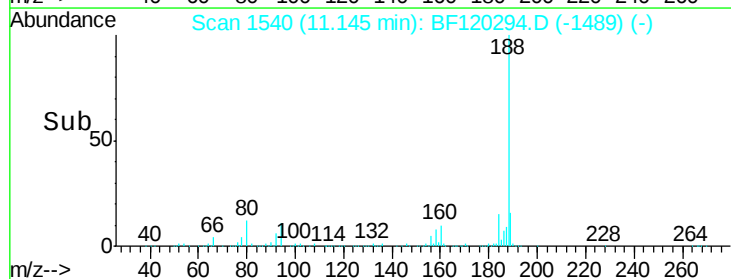
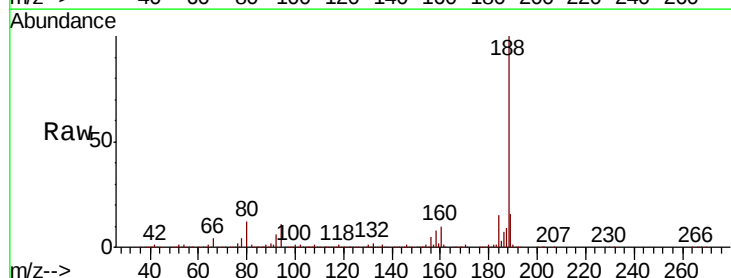
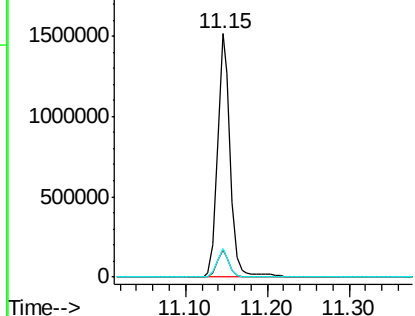
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

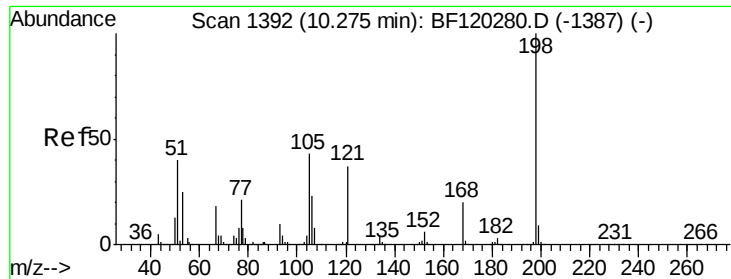


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.00 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Tgt Ion	188	Resp	1640727
Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.6	13.0
80	11.5	9.2	13.8

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 34.178 ng

RT: 10.28 min Scan# 1393

Delta R.T. 0.01 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Instrument :

BNA_F

ClientSampleId :

PB128874BS

Tot Ion:198 Resp: 283596

Ion Ratio Lower Upper

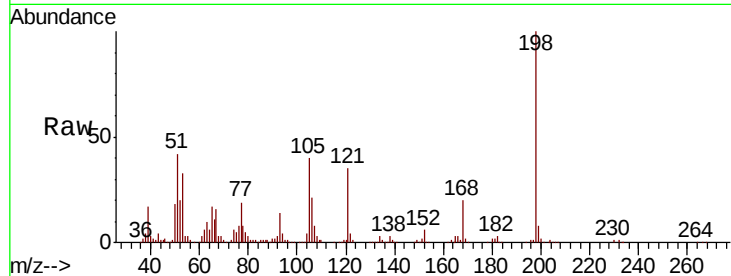
198 100

51 42.2 27.1 67.1

105 40.2 24.3 64.3

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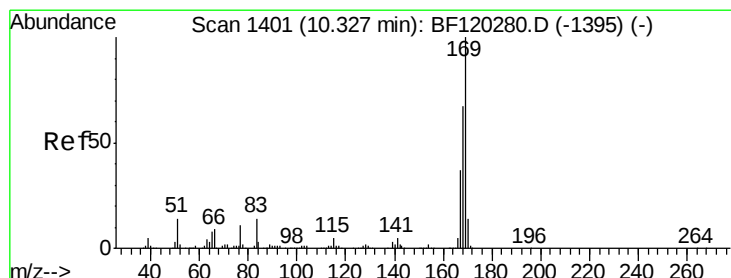
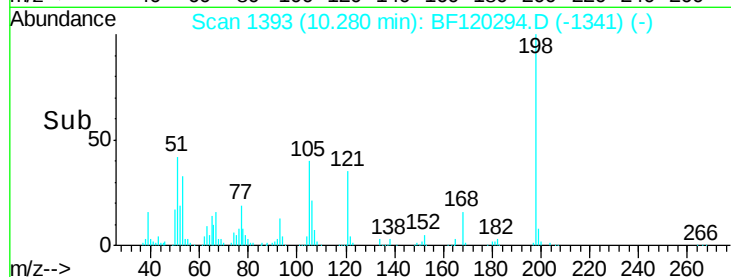
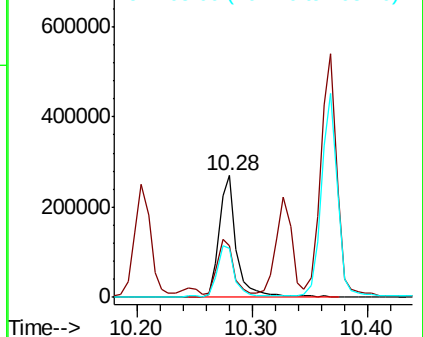
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 32.971 ng

RT: 10.33 min Scan# 1401

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Tgt Ion:169 Resp: 1496623

Ion Ratio Lower Upper

169 100

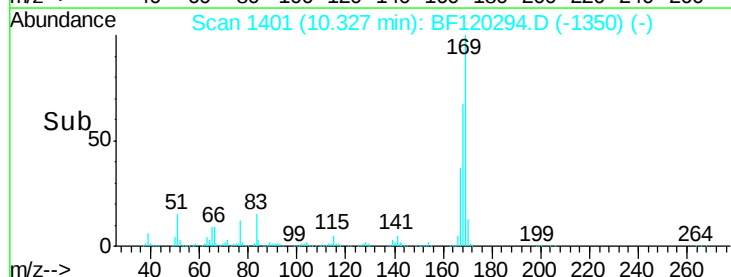
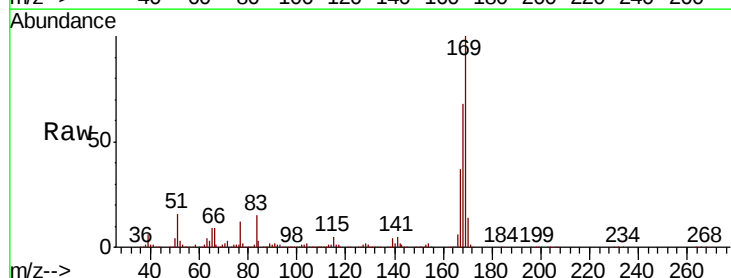
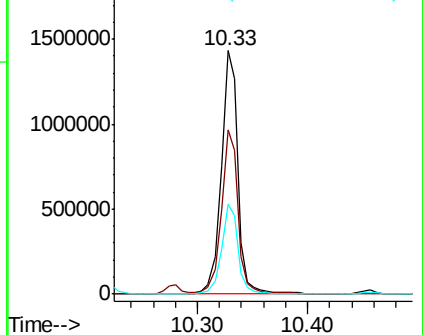
168 67.7 53.7 80.5

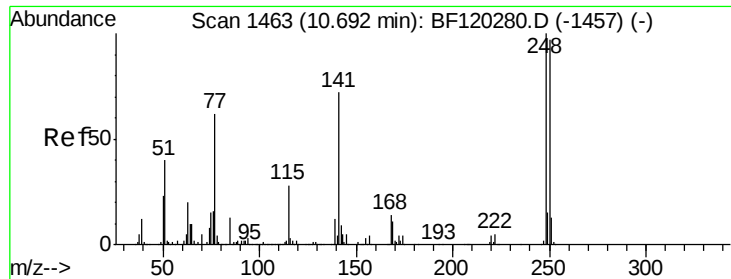
167 37.0 29.8 44.6

Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





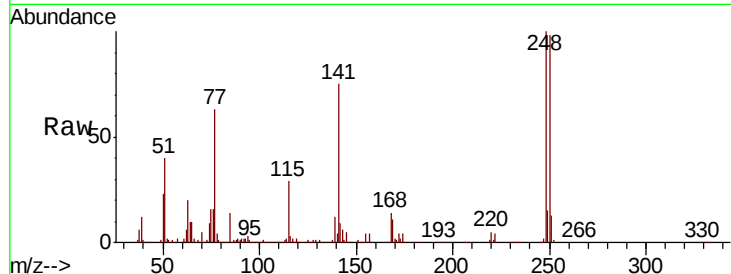
#67
4-Bromophenyl-phenylether
Concen: 34.821 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.00 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Instrument :
BNA_F
ClientSampleId :
PB128874BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	77.8	116.6
141	75.3	57.7	86.5

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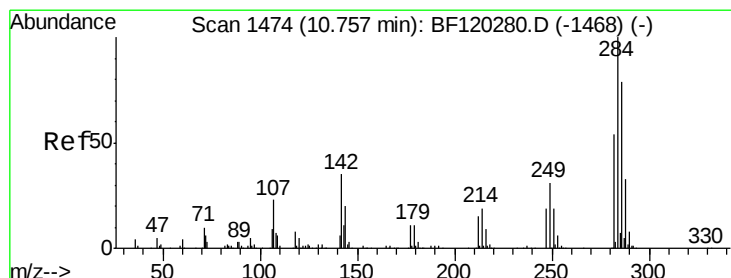
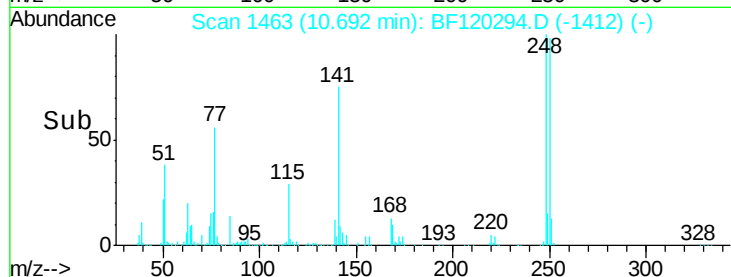
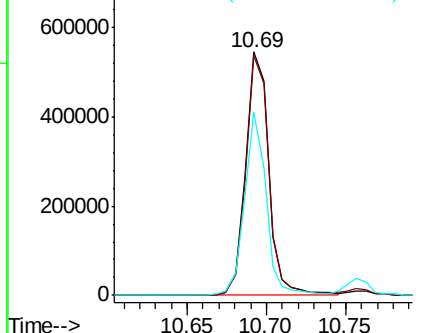


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 35.241 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.00 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

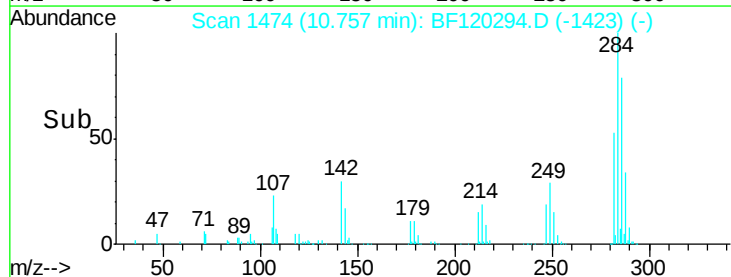
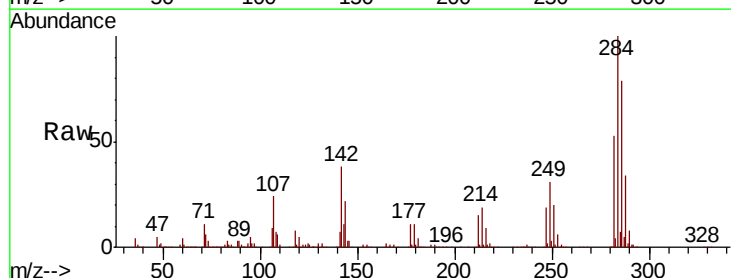
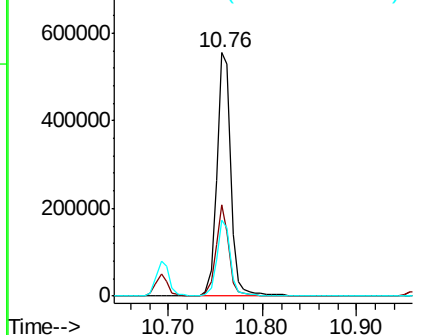
Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.7	28.5	42.7
249	31.0	24.8	37.2

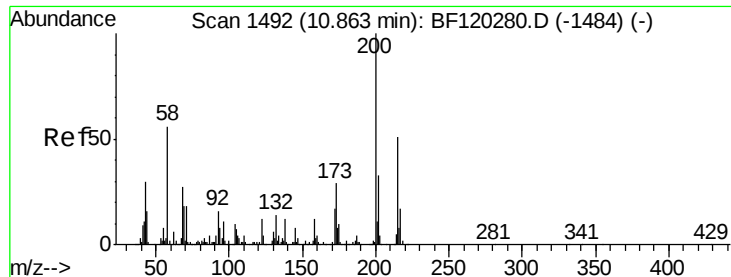
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





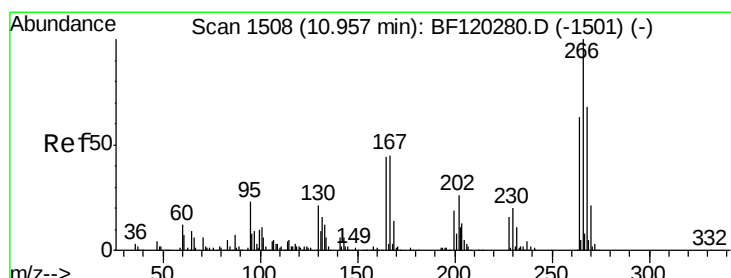
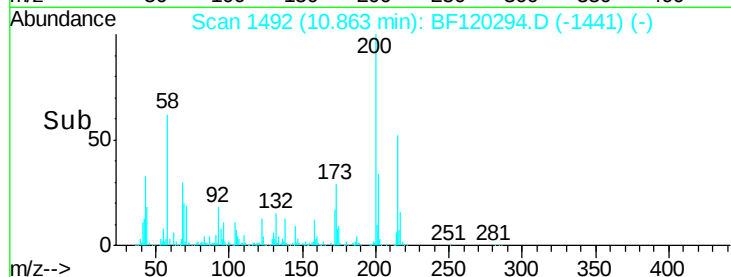
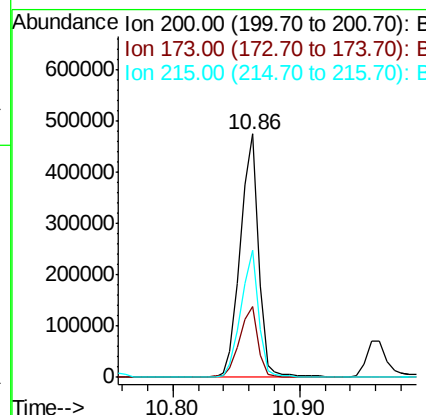
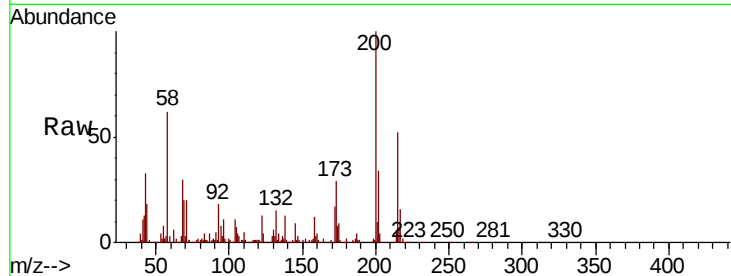
#69
Atrazine
Concen: 34.718 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Instrument :
BNA_F
ClientSampleId :
PB128874BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.9	8.7	48.7
215	52.3	30.6	70.6

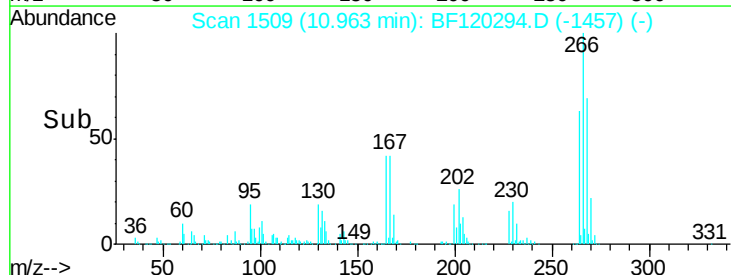
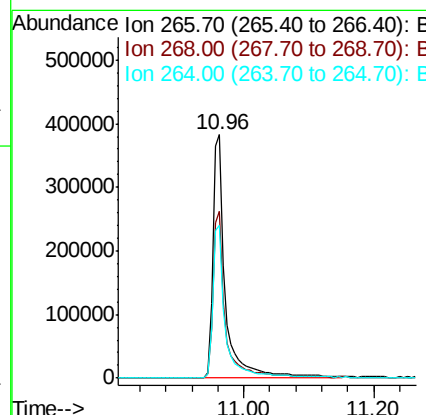
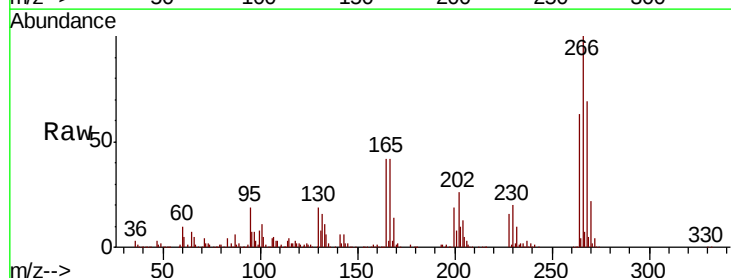
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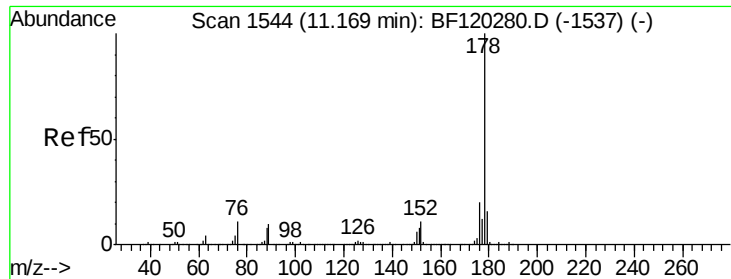
mohammad
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#70
Pentachlorophenol
Concen: 71.879 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.6	54.2	81.4
264	62.5	50.2	75.4





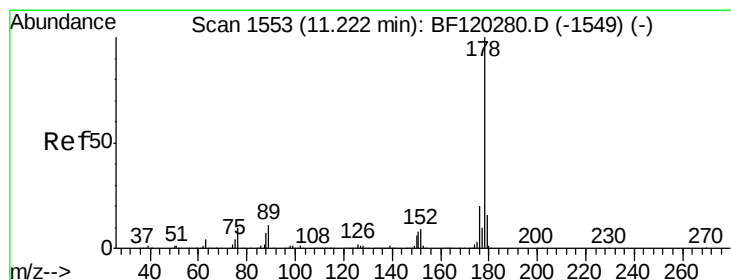
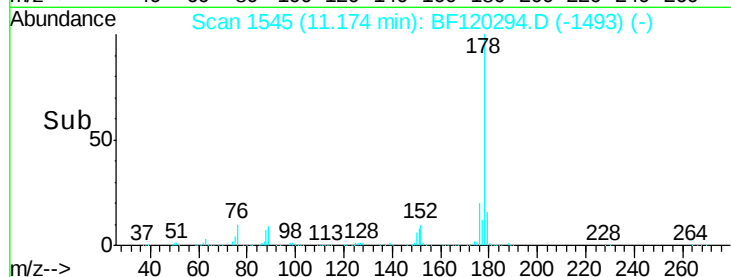
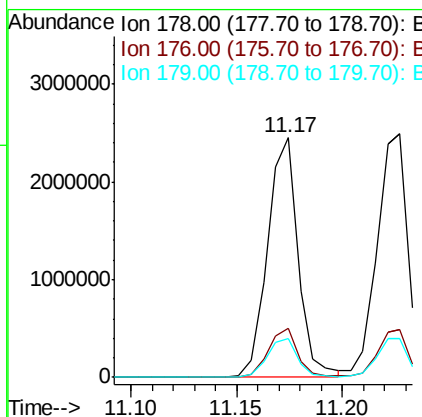
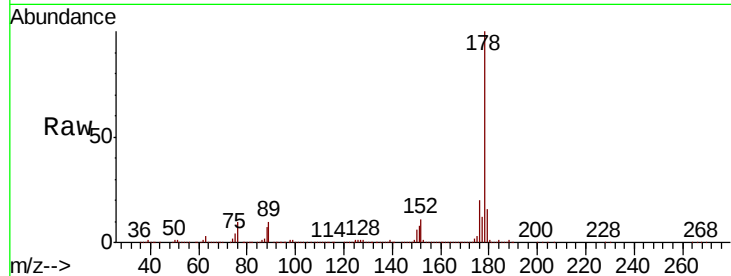
#71
Phenanthrene
Concen: 35.980 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Instrument :
BNA_F
ClientSampleId :
PB128874BS

Tot Ion:178 Resp: 2480556
Ion Ratio Lower Upper
178 100
176 20.3 15.8 23.8
179 16.1 12.8 19.2

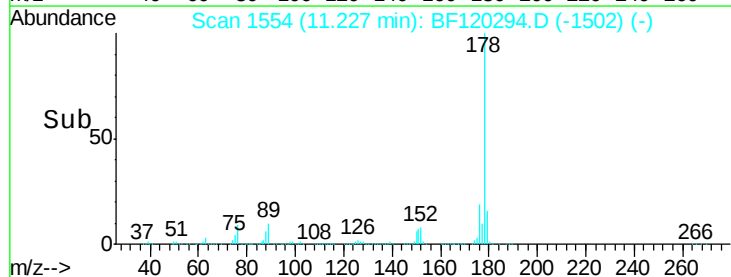
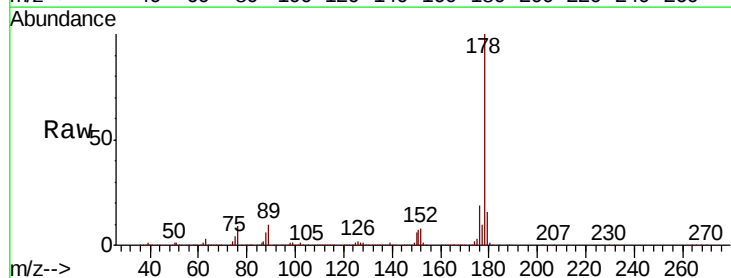
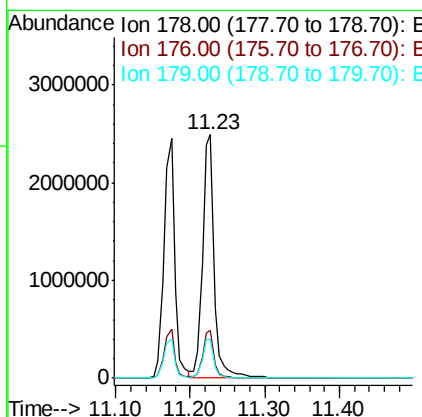
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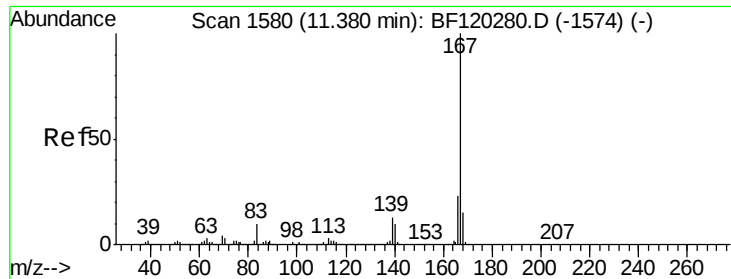
mohammad
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#72
Anthracene
Concen: 37.302 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.01 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Tgt Ion:178 Resp: 2753170
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 16.1 13.0 19.6





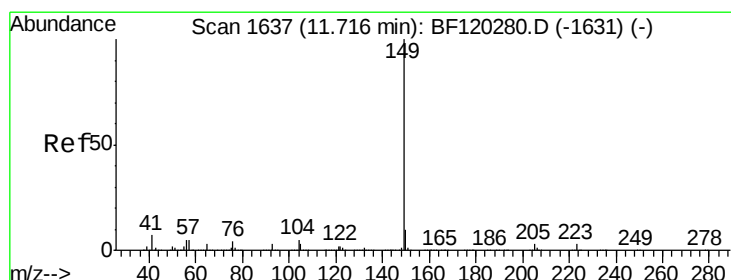
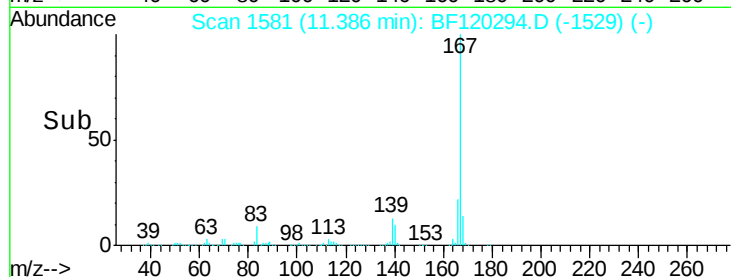
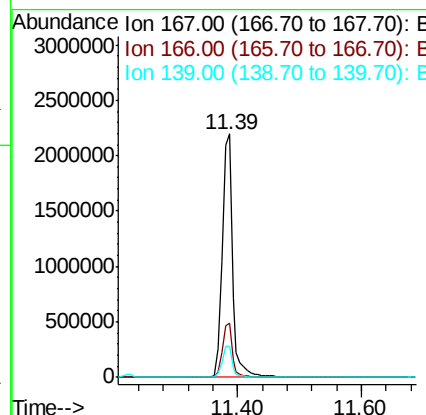
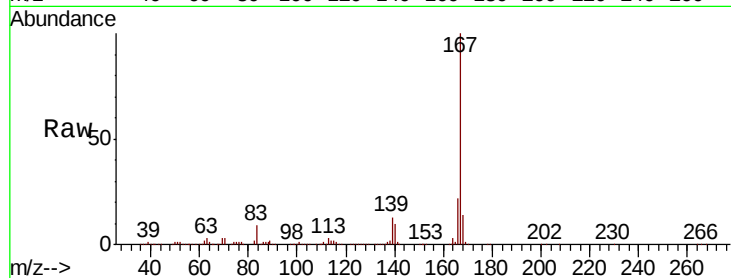
#73
 Carbazole
 Concen: 35.983 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. 0.01 min
 Lab File: BF120294.D
 Acq: 14 May 2020 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB128874BS

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.4	18.1	27.1	
139	12.6	10.6	15.8	

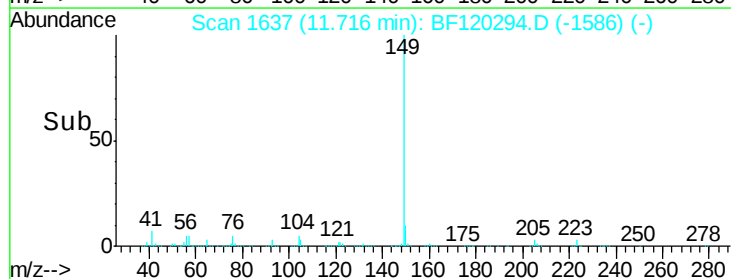
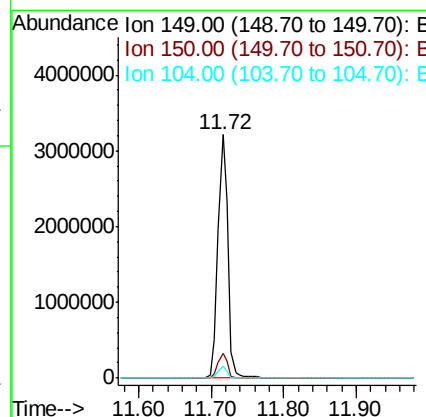
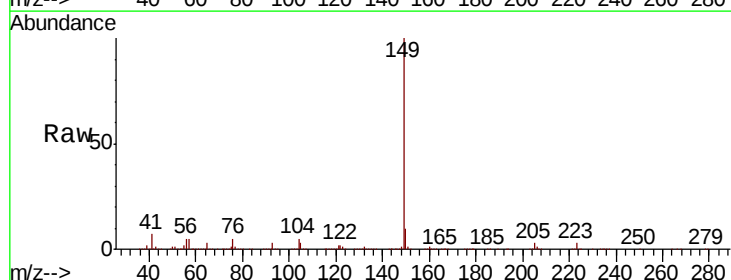
Manual Integrations
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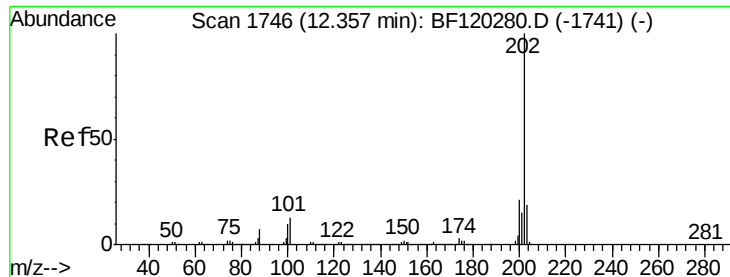
mohammad
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#74
 Di-n-butylphthalate
 Concen: 37.010 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BF120294.D
 Acq: 14 May 2020 16:53

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	10.2	8.2	12.4	
104	4.7	3.8	5.8	





#75

Fluoranthene

Concen: 37.470 ng

RT: 12.36 min Scan# 1746

Delta R.T. 0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Instrument :

BNA_F

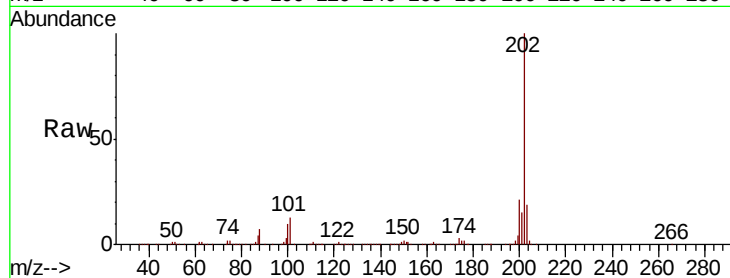
ClientSampleId :

PB128874BS

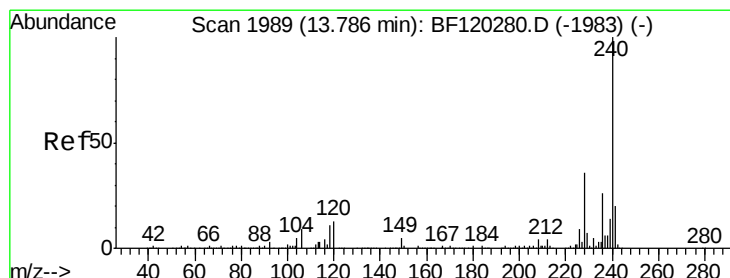
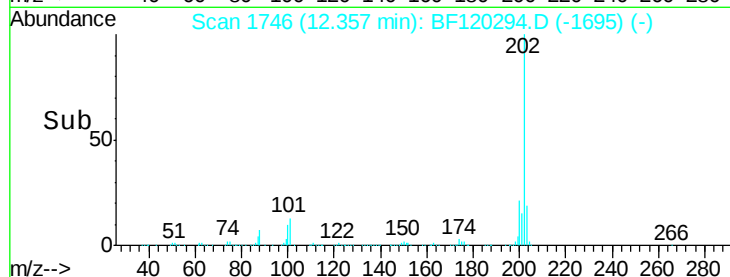
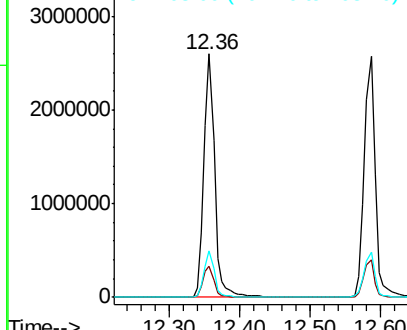
Tot Ion:	202	Resp:	2768852
Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	33.2
203	19.1	0.0	39.1

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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

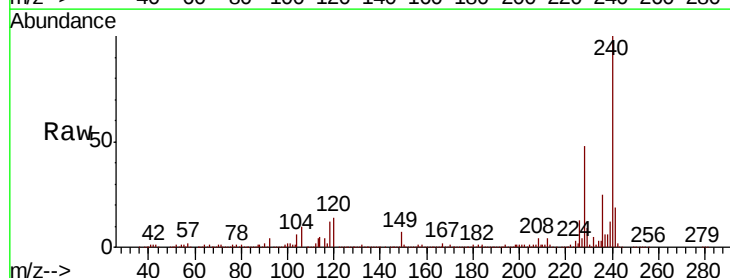
RT: 13.79 min Scan# 1989

Delta R.T. -0.00 min

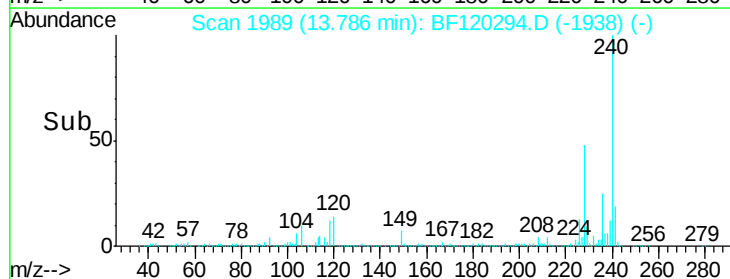
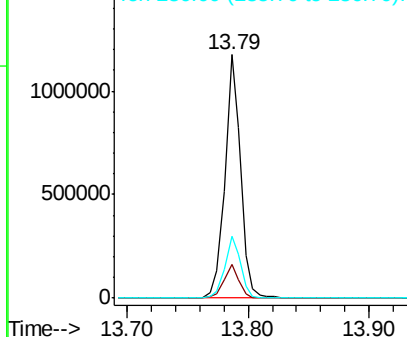
Lab File: BF120294.D

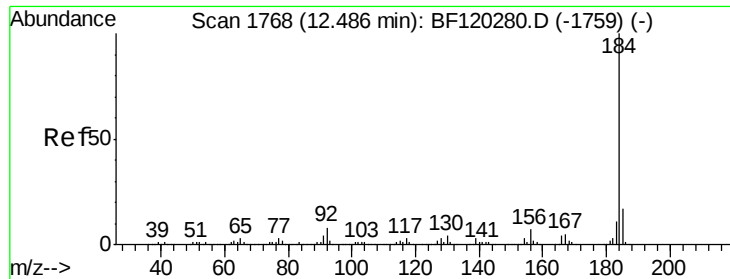
Acq: 14 May 2020 16:53

Tgt Ion:	240	Resp:	1050537
Ion	Ratio	Lower	Upper
240	100		
120	13.8	10.4	15.6
236	25.2	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: 41.159 ng

RT: 12.49 min Scan# 1768

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Instrument :

BNA_F

ClientSampleId :

PB128874BS

Tot Ion:184 Resp: 1262665

Ion Ratio Lower Upper

184 100

185 14.9 13.7 20.5

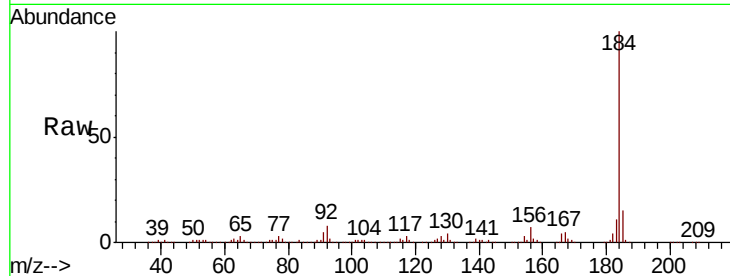
183 11.0 8.7 13.1

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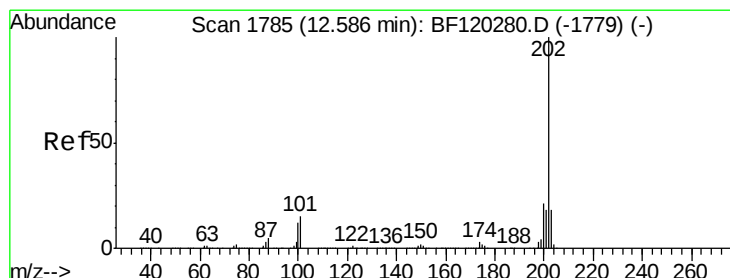
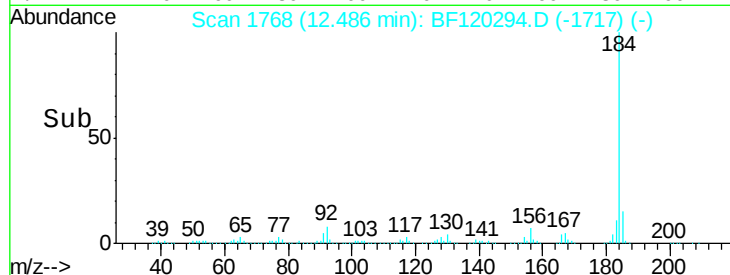
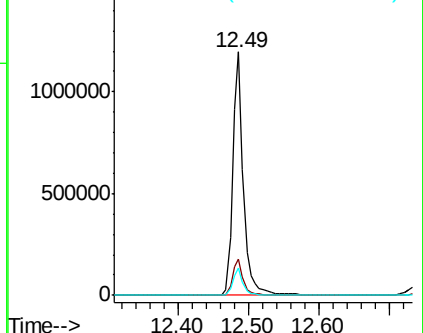
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.420 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

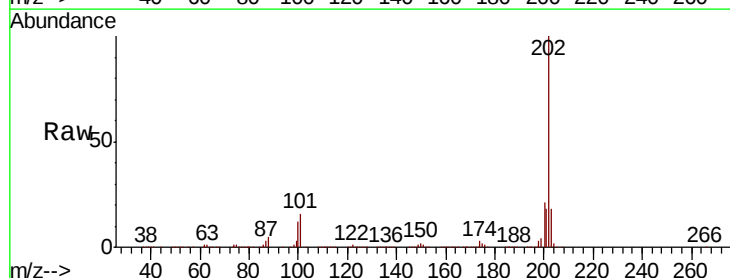
Tgt Ion:202 Resp: 2802477

Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

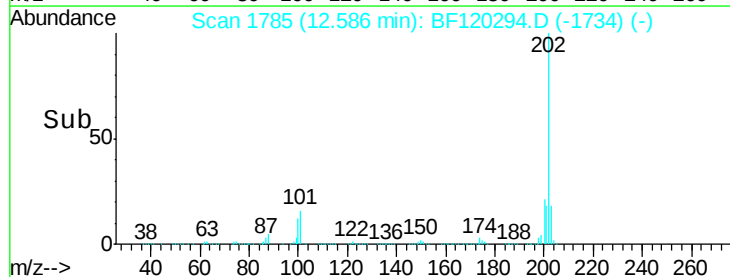
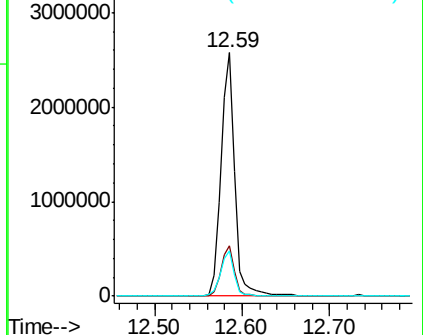
203 18.5 14.6 22.0

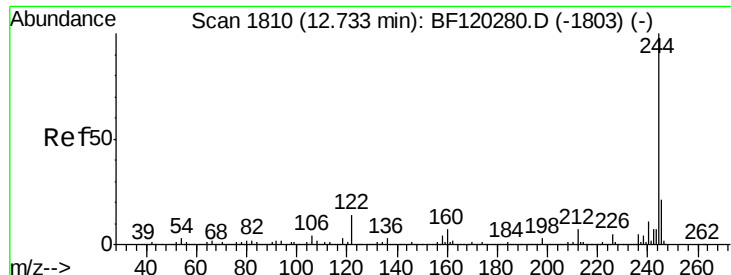


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





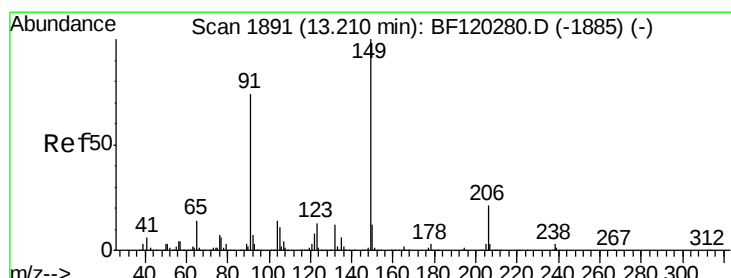
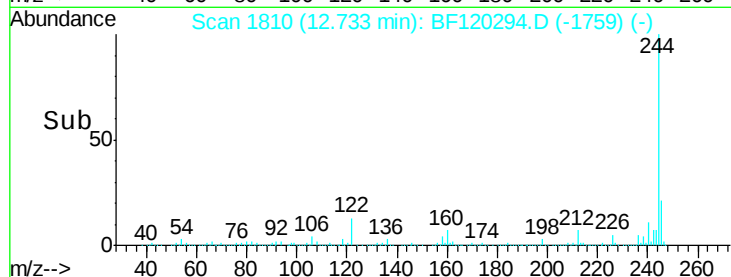
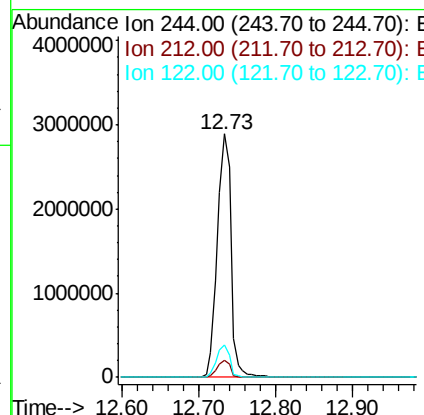
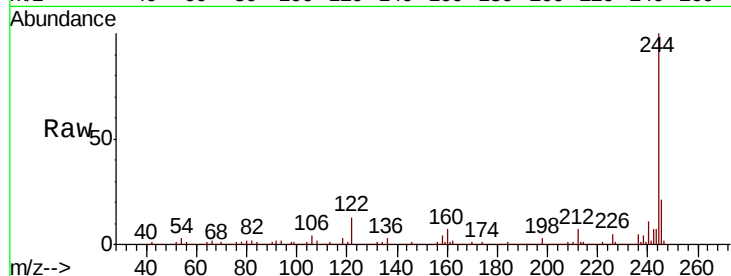
#79
 Terphenyl-d14
 Concen: 73.884 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: BF120294.D
 Acq: 14 May 2020 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB128874BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	13.5	10.8	16.2

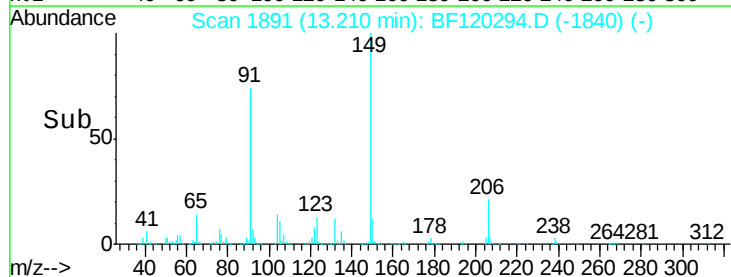
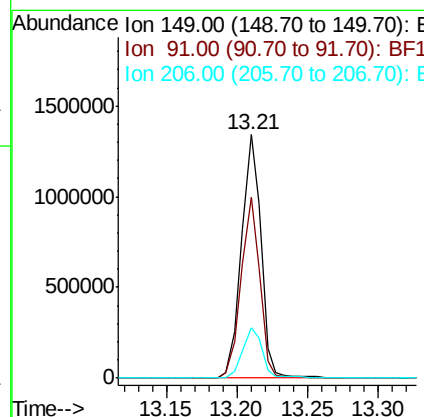
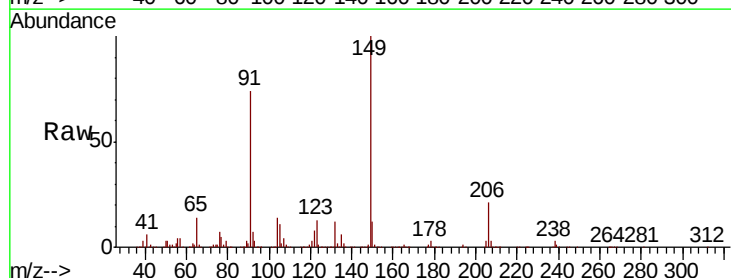
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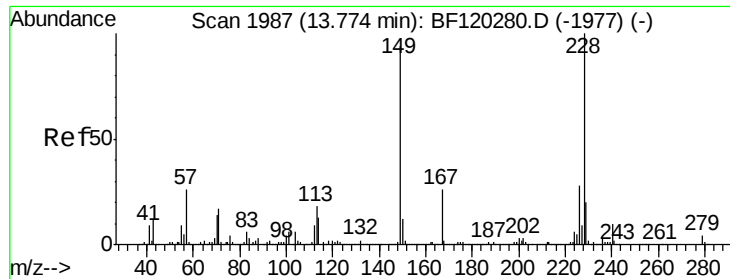
mohammad
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#80
 Butylbenzylphthalate
 Concen: 36.807 ng
 RT: 13.21 min Scan# 1891
 Delta R.T. -0.00 min
 Lab File: BF120294.D
 Acq: 14 May 2020 16:53

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.2	59.0	88.4
206	20.6	16.8	25.2





#81

Benzo(a)anthracene

Concen: 35.532 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Instrument :

BNA_F

ClientSampleId :

PB128874BS

Tot Ion:228 Resp: 1968773

Ion Ratio Lower Upper

228 100

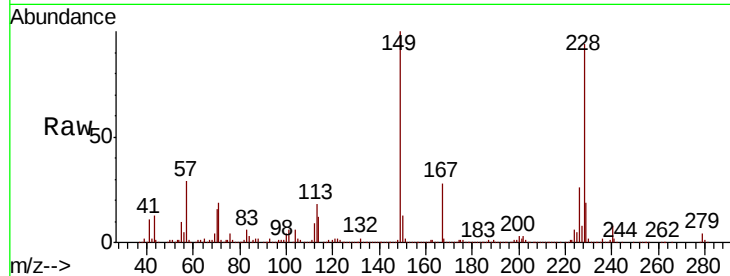
226 28.2 22.6 33.8

229 20.2 16.4 24.6

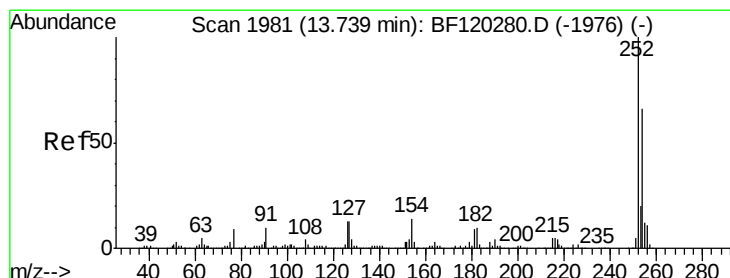
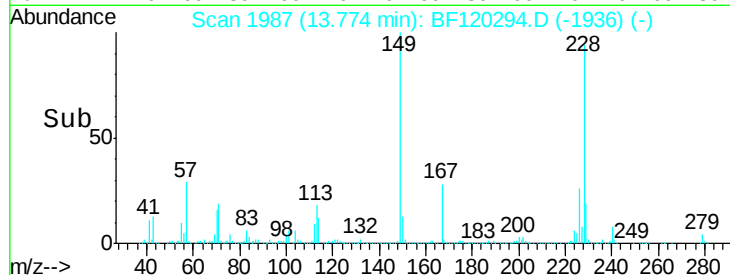
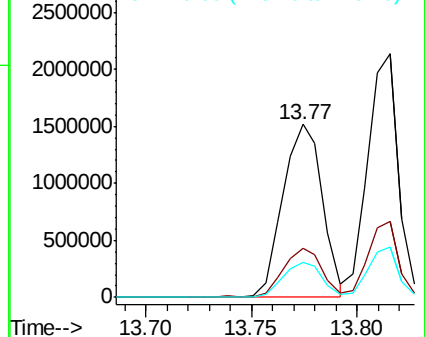
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 24.962 ng

RT: 13.74 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

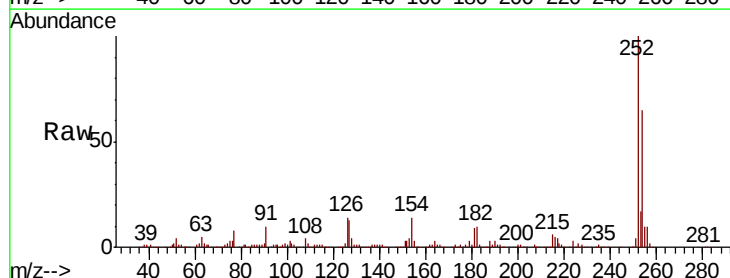
Tgt Ion:252 Resp: 521212

Ion Ratio Lower Upper

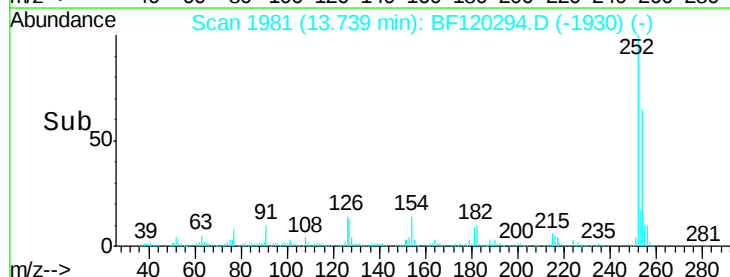
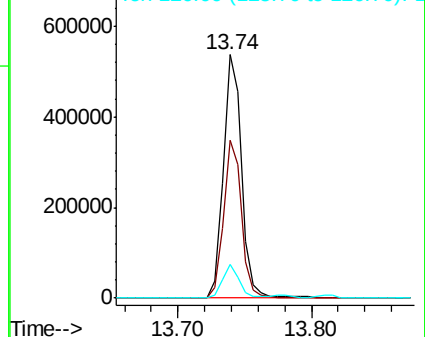
252 100

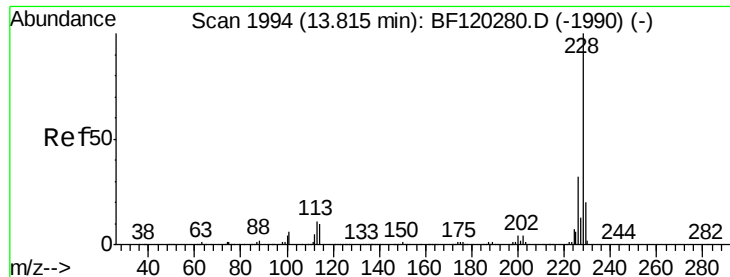
254 65.0 52.6 78.8

126 13.8 10.7 16.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





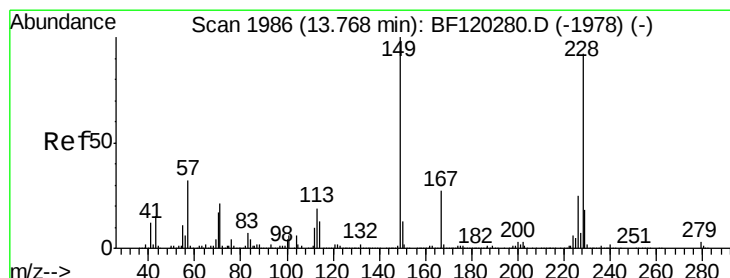
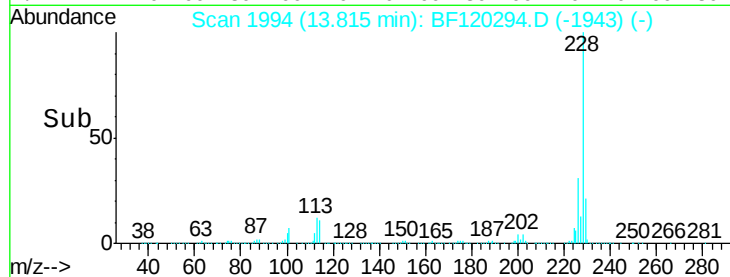
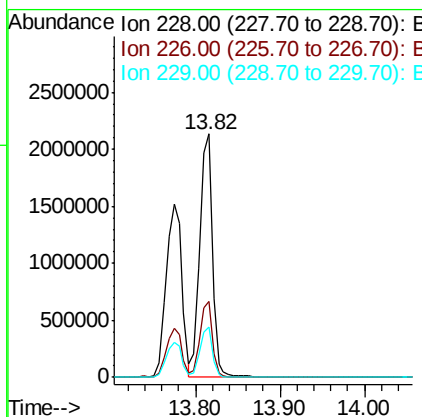
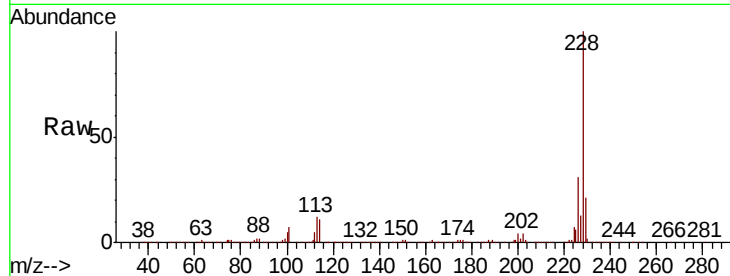
#83
Chrysene
Concen: 36.886 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Instrument :
BNA_F
ClientSampleId :
PB128874BS

Tot Ion:228 Resp: 2194680
Ion Ratio Lower Upper
228 100
226 31.3 25.0 37.6
229 20.8 16.2 24.4

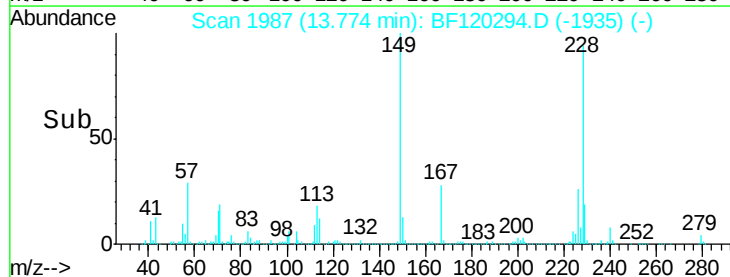
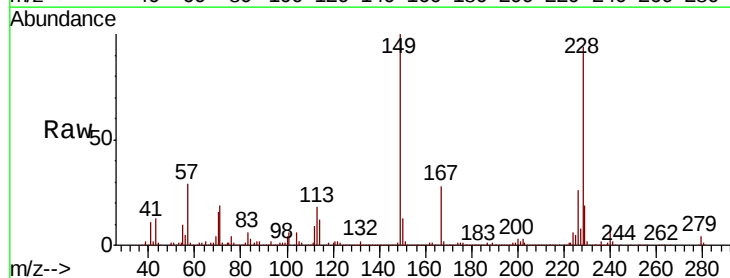
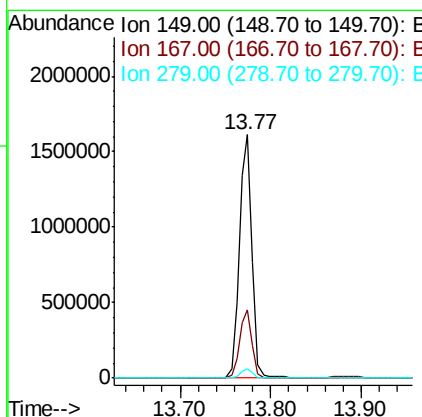
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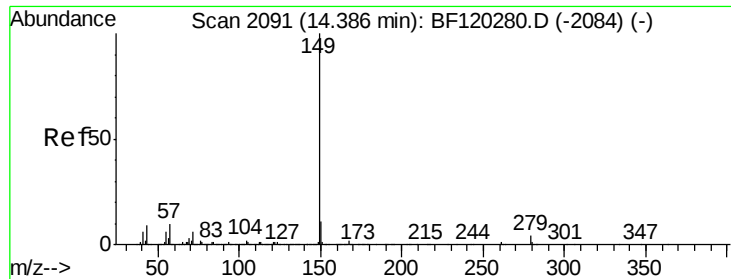
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 35.933 ng
RT: 13.77 min Scan# 1987
Delta R.T. 0.01 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Tgt Ion:149 Resp: 1576598
Ion Ratio Lower Upper
149 100
167 28.1 21.8 32.8
279 3.8 2.8 4.2





#85

Di-n-octyl phthalate

Concen: 37.463 ng

RT: 14.39 min Scan# 2091

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Instrument :

BNA_F

ClientSampleId :

PB128874BS

Tot Ion:149 Resp: 2957046

Ion Ratio Lower Upper

149 100

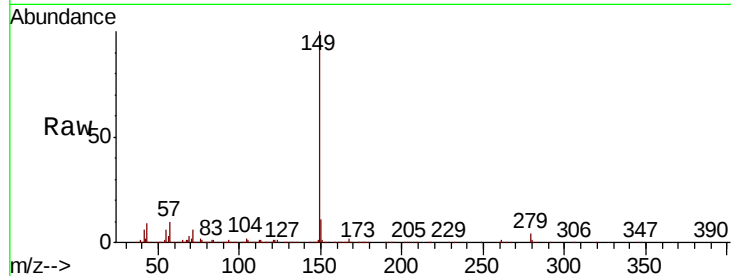
167 1.6 1.3 1.9

43 9.4 7.5 11.3

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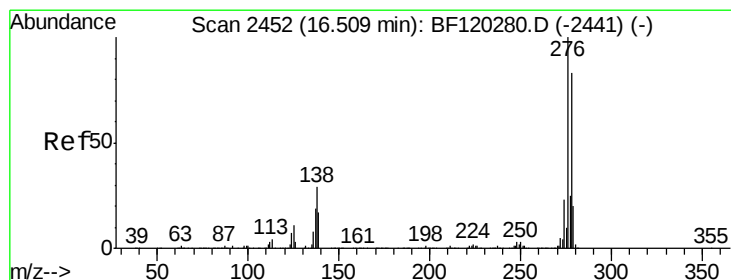
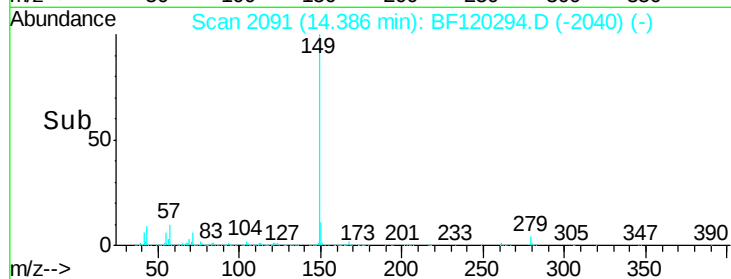
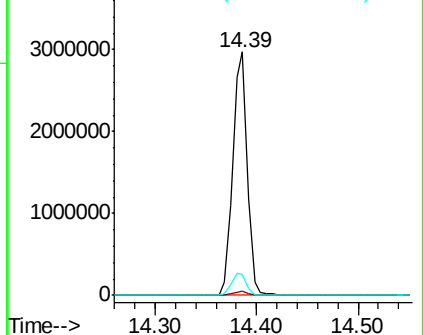
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 32.996 ng

RT: 16.51 min Scan# 2452

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

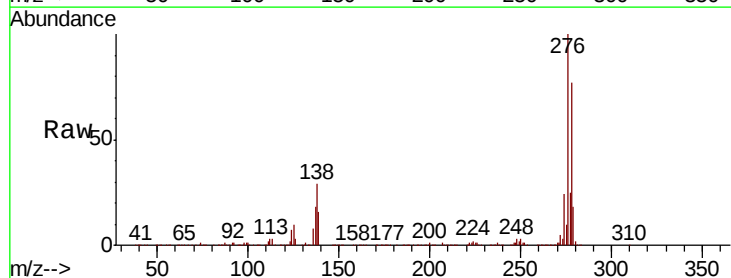
Tgt Ion:276 Resp: 1781843

Ion Ratio Lower Upper

276 100

138 29.0 23.3 34.9

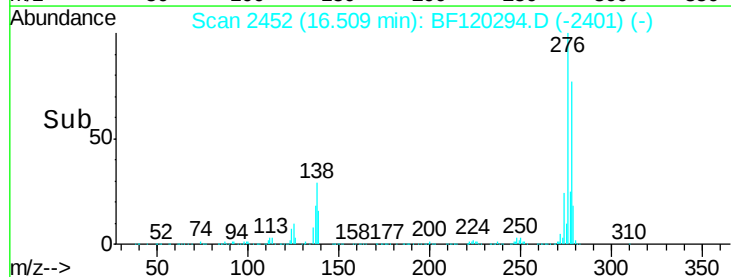
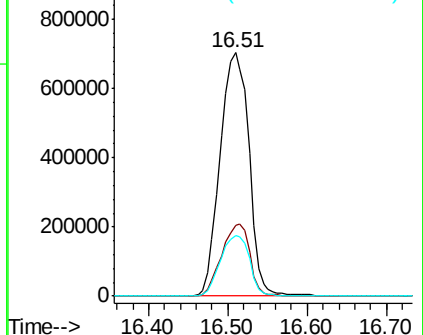
277 25.1 20.2 30.4

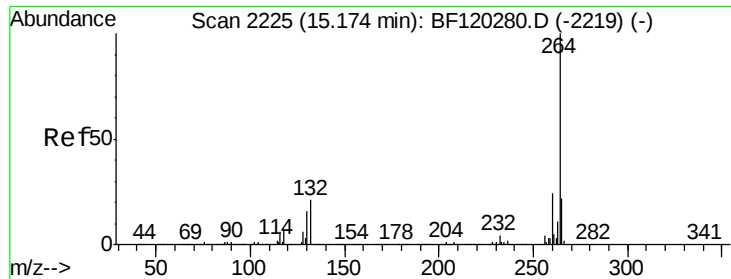


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





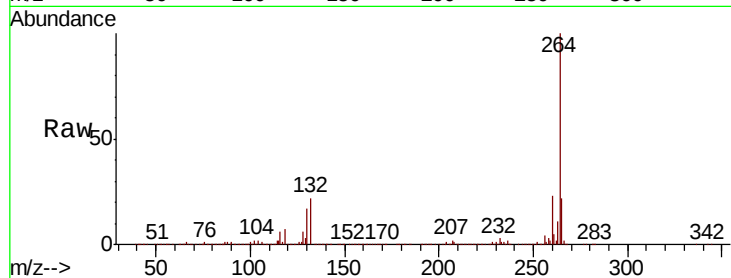
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Instrument :
BNA_F
ClientSampleId :
PB128874BS

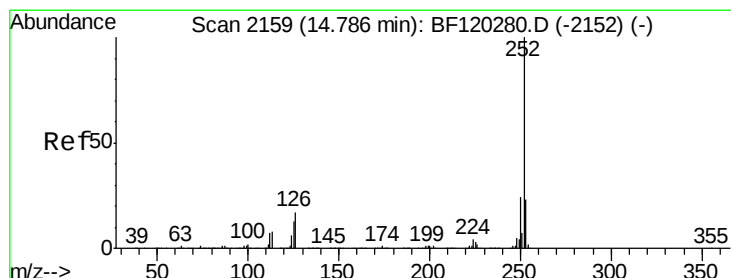
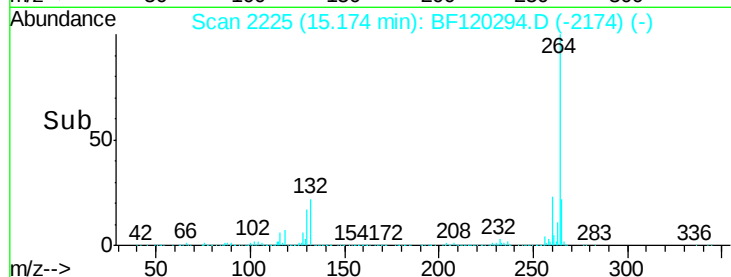
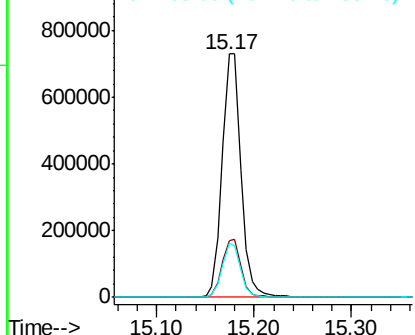
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	22.2	17.5	26.3

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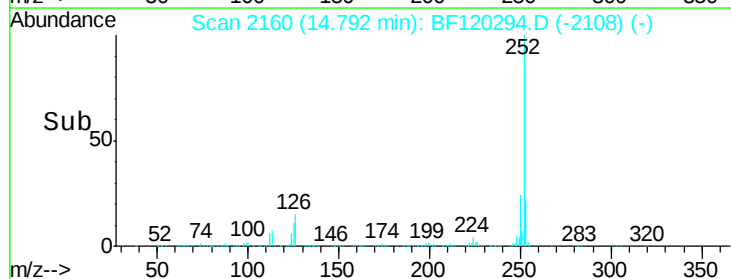
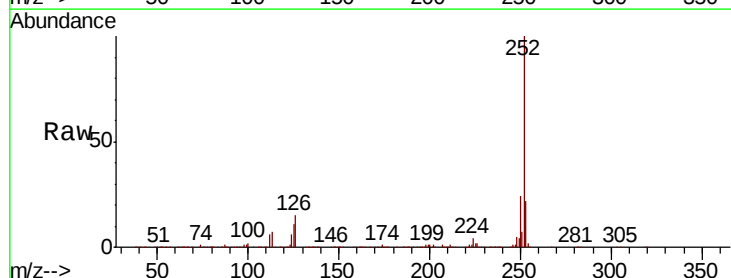
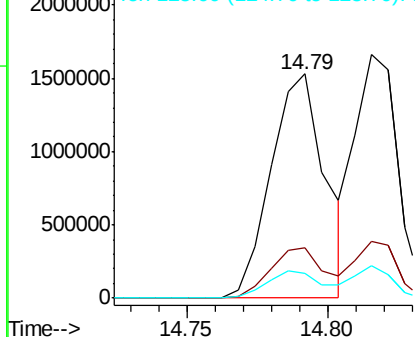
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

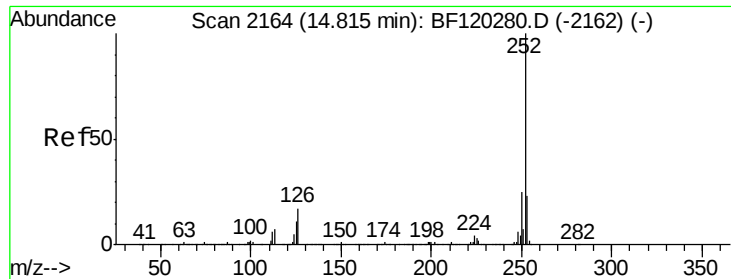


#88
Benzo(b)fluoranthene
Concen: 38.107 ng
RT: 14.79 min Scan# 2160
Delta R.T. 0.01 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	11.1	10.4	15.6

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





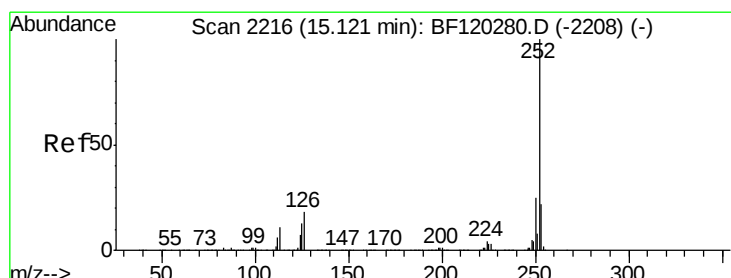
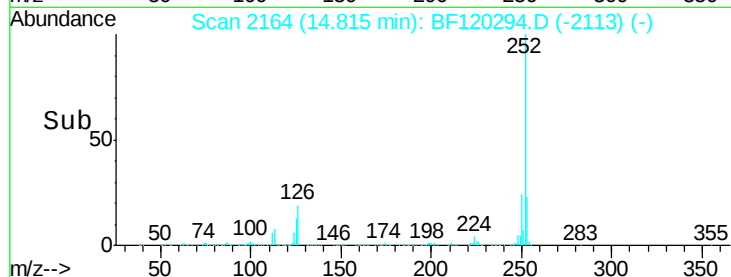
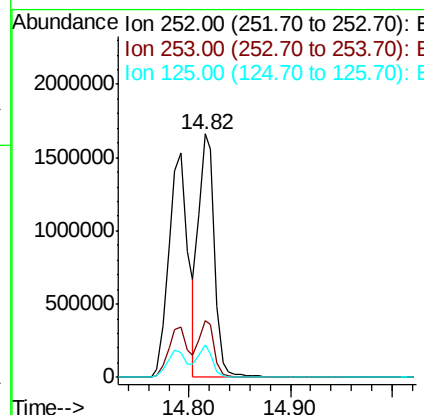
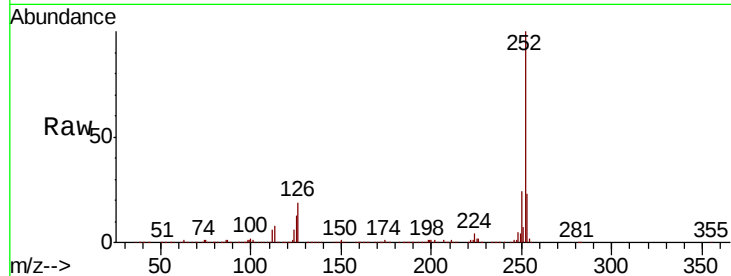
#89
Benzo(k)fluoranthene
Concen: 38.297 ng
RT: 14.82 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Instrument :
BNA_F
ClientSampleId :
PB128874BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	13.1	9.9	14.9

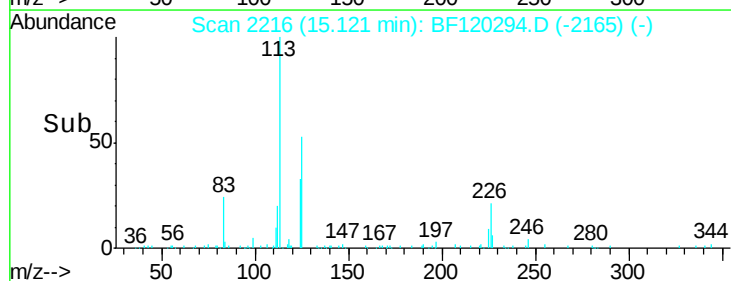
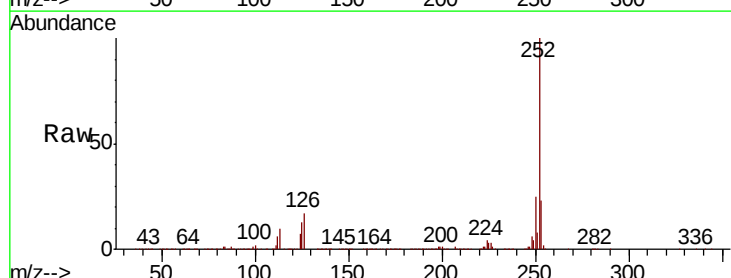
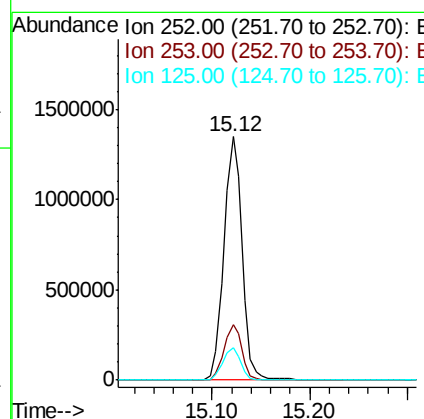
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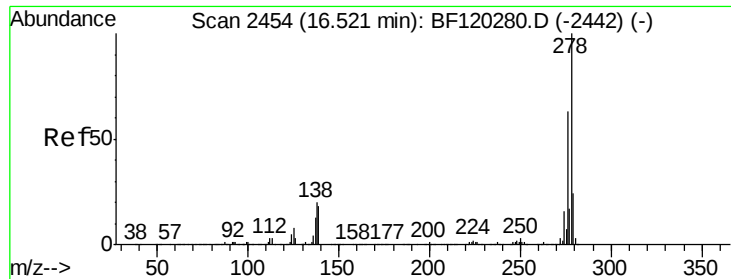
mohammad
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#90
Benzo(a)pyrene
Concen: 36.154 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	13.4	10.6	16.0





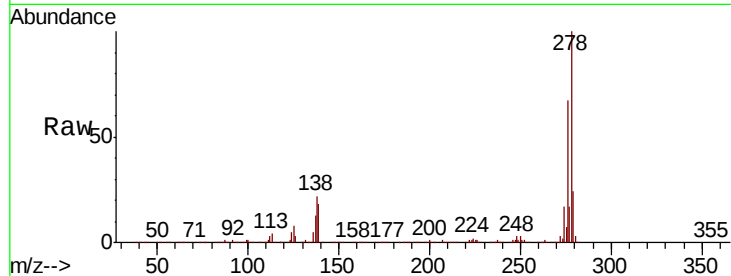
#91
Dibenzo(a,h)anthracene
Concen: 34.743 ng
RT: 16.52 min Scan# 2454
Delta R.T. -0.00 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Instrument :
BNA_F
ClientSampleId :
PB128874BS

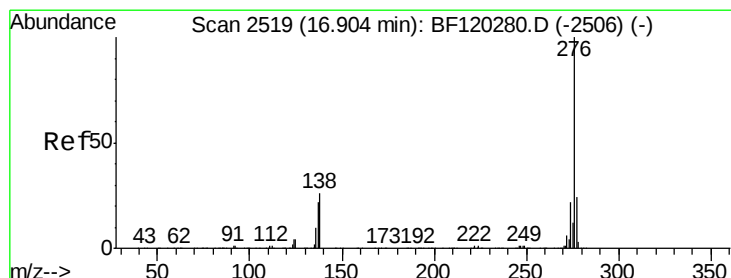
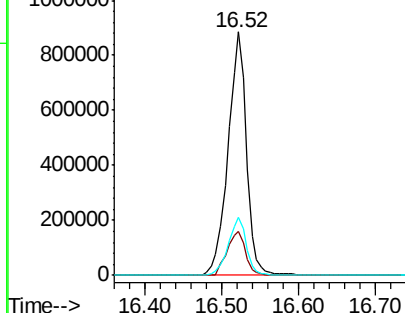
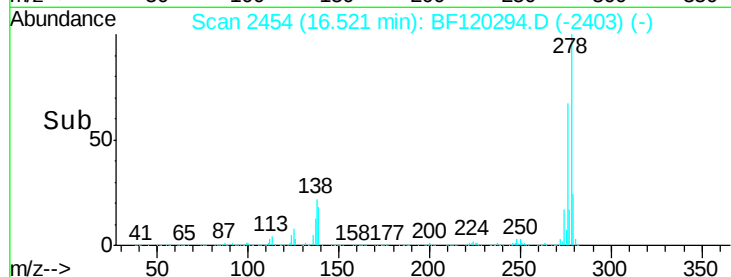
Tot Ion	Ratio	Lower	Upper
278	100		
139	18.0	14.7	22.1
279	24.0	19.2	28.8

Manual Integrations
APPROVED

mohammad
5/18/2020 1:31:49 PM

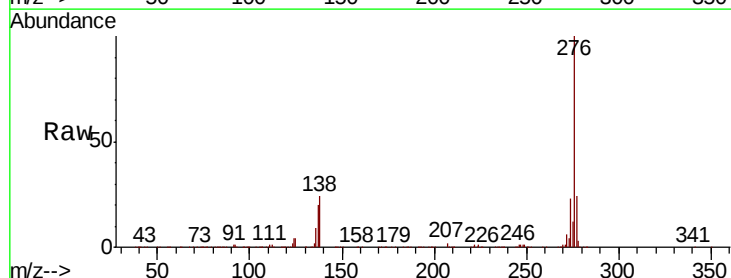


Abundance Ion 278.00 (277.70 to 278.70): E
1200000 Ion 139.00 (138.70 to 139.70): E
1000000 Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 34.245 ng
RT: 16.91 min Scan# 2520
Delta R.T. 0.01 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	24.0	20.8	31.2



Abundance Ion 276.00 (275.70 to 276.70): E
800000 Ion 277.00 (276.70 to 277.70): E
600000 Ion 138.00 (137.70 to 138.70): E

