

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051820\
 Data File : BF120346.D
 Acq On : 18 May 2020 17:18
 Operator : MA/SJ
 Sample : PB128946BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128946BS

Manual Integrations
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mohammad
 5/19/2020 3:05:15 PM

Quant Time: May 18 17:54:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 18 15:23:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	305844	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1184422	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	567683	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	1062291	20.00	ng	0.00
76) Chrysene-d12	13.76	240	805329	20.00	ng	0.00
87) Perylene-d12	15.14	264	769135	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	2299901	146.31	ng	0.01
7) Phenol-d6	6.26	99	2736392	137.66	ng	0.00
23) Nitrobenzene-d5	7.17	82	1719331	99.39	ng	0.00
42) 2,4,6-Tribromophenol	10.44	330	649949	140.42	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2987054	108.10	ng	0.00
79) Terphenyl-d14	12.71	244	3111013	85.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	370575	59.265	ng	100
3) Pyridine	2.95	79	802825	40.844	ng	98
4) n-Nitrosodimethylamine	2.90	42	431853	56.111	ng	95
6) Aniline	6.27	93	956376	37.620	ng	94
8) 2-Chlorophenol	6.39	128	885519	48.316	ng	97
9) Benzaldehyde	6.15	77	535850	43.728	ng	97
10) Phenol	6.27	94	1079851	46.536	ng	91
11) bis(2-Chloroethyl)ether	6.35	93	819227	44.197	ng	96
12) 1,3-Dichlorobenzene	6.54	146	877588	44.748	ng	99
13) 1,4-Dichlorobenzene	6.62	146	918177	45.457	ng	98
14) 1,2-Dichlorobenzene	6.77	146	811656	44.622	ng	99
15) Benzyl Alcohol	6.76	79	661545	46.845	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.89	45	1351153	46.255	ng	80
17) 2-Methylphenol	6.88	107	690975	44.660	ng	94
18) Hexachloroethane	7.11	117	338683	44.014	ng	100
19) n-Nitroso-di-n-propylamine	7.03	70	579297	44.484	ng	94
20) 3+4-Methylphenols	7.04	107	864563	42.979	ng	96
22) Acetophenone	7.02	105	1166929	48.093	ng	97
24) Nitrobenzene	7.19	77	874986	46.997	ng	97
25) Isophorone	7.44	82	1604430	44.574	ng	100
26) 2-Nitrophenol	7.51	139	461220	47.367	ng	96
27) 2,4-Dimethylphenol	7.56	122	708575	50.026	ng	96
28) bis(2-Chloroethoxy)methane	7.65	93	984395	43.511	ng	100
29) 2,4-Dichlorophenol	7.76	162	681878	46.873	ng	99
30) 1,2,4-Trichlorobenzene	7.83	180	740704	45.948	ng	99
31) Naphthalene	7.91	128	2362829	47.268	ng	99
32) Benzoic acid	7.72	122	407663	43.909	ng	98
33) 4-Chloroaniline	7.97	127	687621	30.184	ng	99
34) Hexachlorobutadiene	8.03	225	387987	41.640	ng	98
35) Caprolactam	8.36	113	216037m	45.393	ng	
36) 4-Chloro-3-methylphenol	8.47	107	719242	45.704	ng	96
37) 2-Methylnaphthalene	8.60	142	1525202	44.586	ng	99
38) 1-Methylnaphthalene	8.70	142	1481260	44.646	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	692630	48.387	ng	99

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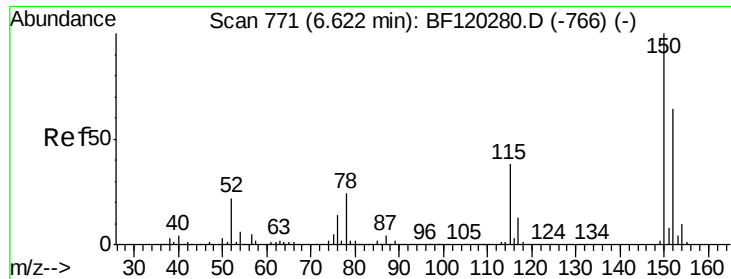
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	606307	100.802	nq	99
43) 2,4,6-Trichlorophenol	8.89	196	451894	47.031	nq	99
44) 2,4,5-Trichlorophenol	8.94	196	482118	43.692	nq	99
46) 1,1'-Biphenyl	9.07	154	1828193	49.151	nq	99
47) 2-Chloronaphthalene	9.09	162	1363111	45.687	nq	99
48) 2-Nitroaniline	9.20	65	513155	47.139	nq	99
49) Acenaphthylene	9.50	152	2239036	49.128	nq	99
50) Dimethylphthalate	9.38	163	1652267	46.042	nq	99
51) 2,6-Dinitrotoluene	9.44	165	372804	46.546	nq	96
52) Acenaphthene	9.67	154	1301668	47.648	nq	99
53) 3-Nitroaniline	9.61	138	278049	29.111	nq	97
54) 2,4-Dinitrophenol	9.73	184	346652	91.691	nq	92
55) Dibenzofuran	9.85	168	1872736	47.603	nq	99
56) 4-Nitrophenol	9.80	139	444338	86.580	nq	88
57) 2,4-Dinitrotoluene	9.85	165	436980	46.510	nq	96
58) Fluorene	10.19	166	1486002	49.599	nq	99
59) 2,3,4,6-Tetrachlorophenol	9.97	232	400396	48.216	nq	100
60) Diethylphthalate	10.08	149	1649564	47.613	nq	99
61) 4-Chlorophenyl-phenylether	10.19	204	713777	45.822	nq	95
62) 4-Nitroaniline	10.23	138	398470	44.802	nq	97
63) Azobenzene	10.35	77	1532305	46.797	nq	95
65) 4,6-Dinitro-2-methylphenol	10.26	198	258351	48.089	nq	92
66) n-Nitrosodiphenylamine	10.31	169	1362082	46.346	nq	99
67) 4-Bromophenyl-phenylether	10.67	248	468175	45.418	nq	96
68) Hexachlorobenzene	10.74	284	494275	45.834	nq	94
69) Atrazine	10.85	200	371818	42.281	nq	99
70) Pentachlorophenol	10.94	266	416829	90.879	nq	98
71) Phenanthrene	11.15	178	2109958	47.269	nq	100
72) Anthracene	11.20	178	2279456	47.701	nq	99
73) Carbazole	11.36	167	2071626	46.398	nq	99
74) Di-n-butylphthalate	11.69	149	2537630	47.158	nq	99
75) Fluoranthene	12.33	202	2323486	48.564	nq	99
77) Benzidine	12.46	184	1266359	53.849	nq	96
78) Pyrene	12.56	202	2334758	40.667	nq	100
80) Butylbenzylphthalate	13.19	149	1168302	43.215	nq	99
81) Benzo(a)anthracene	13.75	228	1965994	46.285	nq	100
82) 3,3'-Dichlorobenzidine	13.72	252	572158	35.745	nq	98
83) Chrysene	13.79	228	2097226	45.981	nq	100
84) Bis(2-ethylhexyl)phthalate	13.75	149	1429267	42.493	nq	99
85) Di-n-octyl phthalate	14.36	149	2703751	44.683	nq	98
86) Indeno(1,2,3-cd)pyrene	16.46	276	1591628	38.448	nq	98
88) Benzo(b)fluoranthene	14.76	252	1929882	45.945	nq	99
89) Benzo(k)fluoranthene	14.79	252	1825637	50.166	nq	99
90) Benzo(a)pyrene	15.09	252	1722883	45.736	nq	99
91) Dibenzo(a,h)anthracene	16.47	278	1330361	39.864	nq	100
92) Benzo(g,h,i)perylene	16.86	276	1326056	39.404	nq	97

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



#1

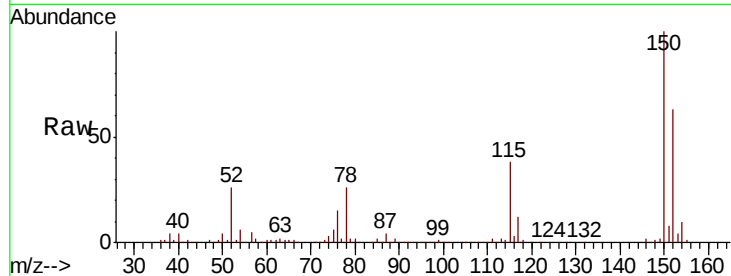
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Instrument :
BNA_F
ClientSampleId :
PB128946BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	126.2	189.2
115	61.4	47.9	71.9

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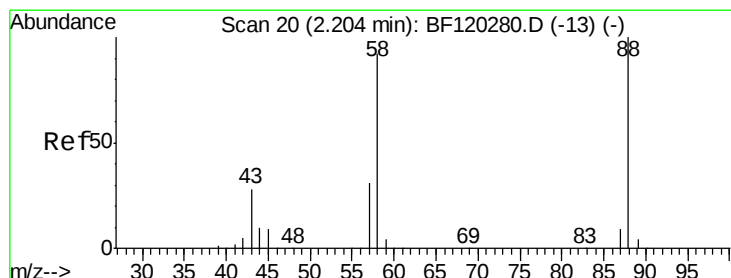
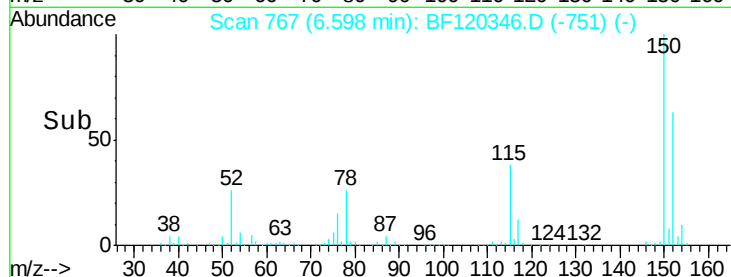
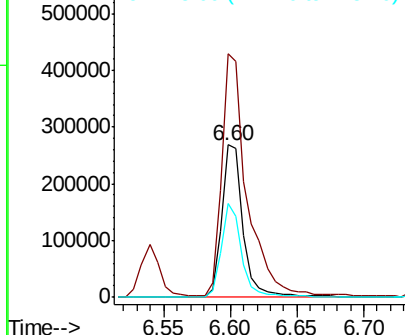


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

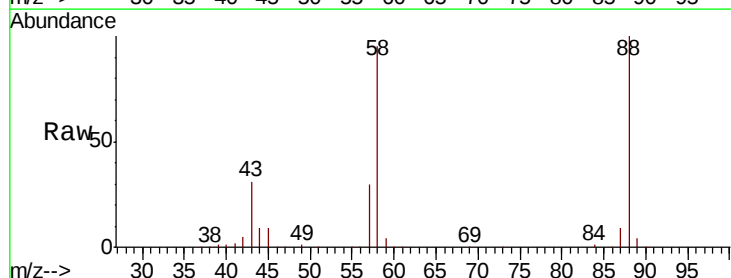
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 59.265 ng
RT: 2.29 min Scan# 34
Delta R.T. 0.08 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.7	75.8	113.6
43	28.7	23.6	35.4

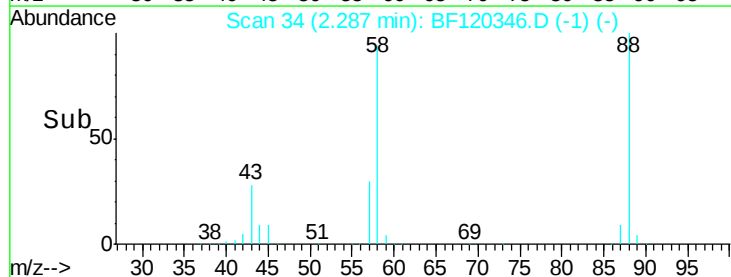
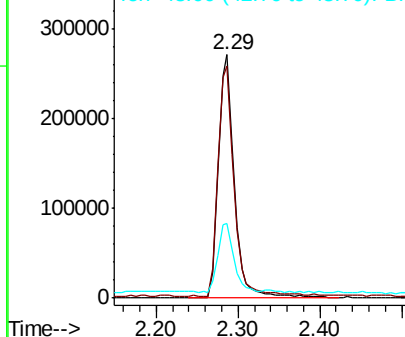


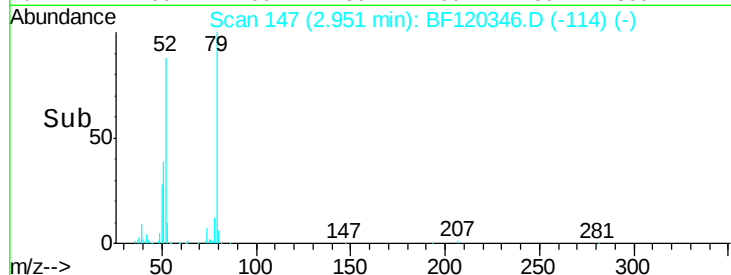
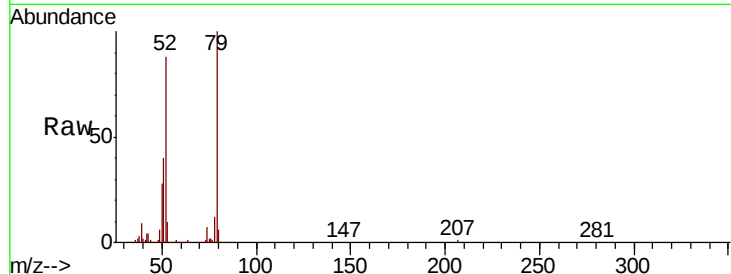
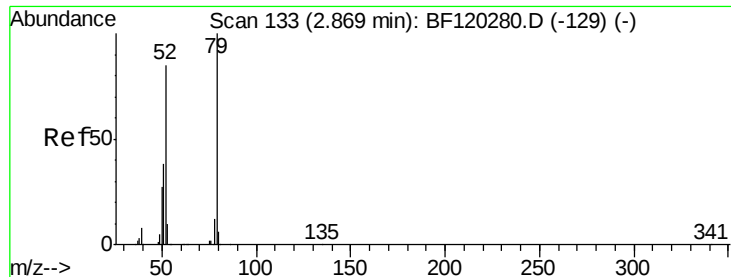
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





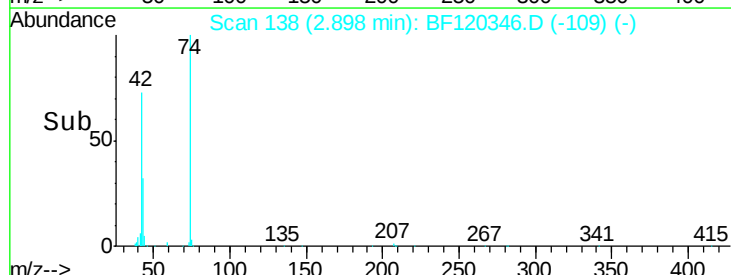
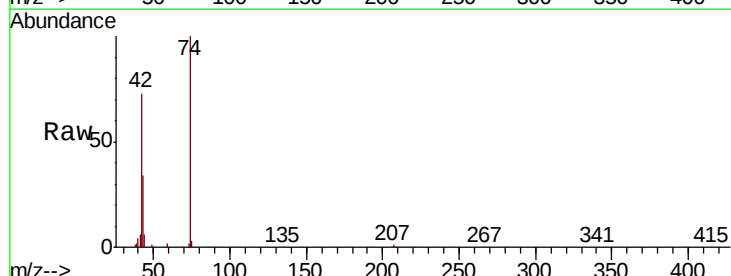
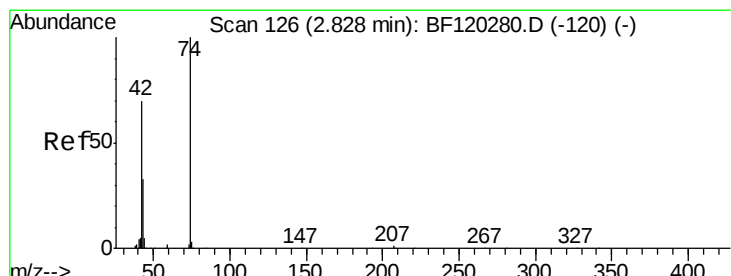
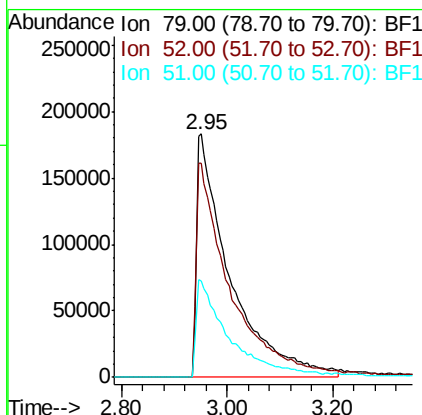
#3
Pvridine
Concen: 40.844 ng
RT: 2.95 min Scan# 147
Delta R.T. 0.09 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Tot Ion:	79	Resp:	802825
Ion Ratio	Lower	Upper	
79	100		
52	88.2	68.4	102.6
51	39.6	31.0	46.4

Instrument :
BNA_F
ClientSampleId :
PB128946BS

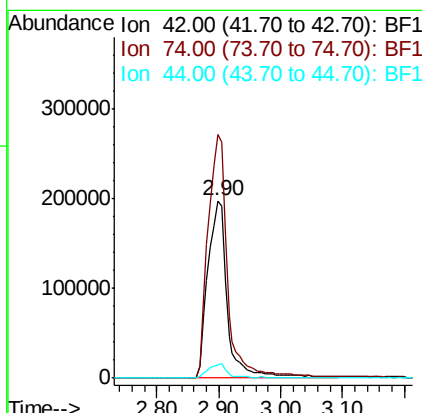
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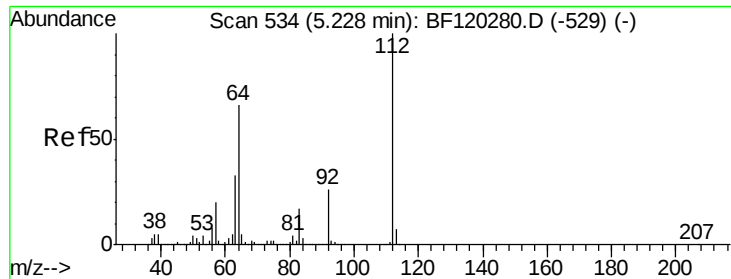
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#4
n-Nitrosodimethylamine
Concen: 56.111 ng
RT: 2.90 min Scan# 138
Delta R.T. 0.07 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Tgt Ion:	42	Resp:	431853
Ion Ratio	Lower	Upper	
42	100		
74	137.3	114.8	172.2
44	7.6	5.6	8.4





#5

2-Fluorophenol

Concen: 146.314 ng

RT: 5.22 min Scan# 533

Delta R.T. 0.01 min

Lab File: BF120346.D

Acq: 18 May 2020 17:18

Instrument :

BNA_F

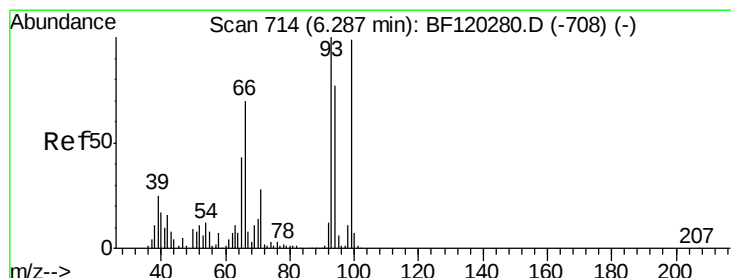
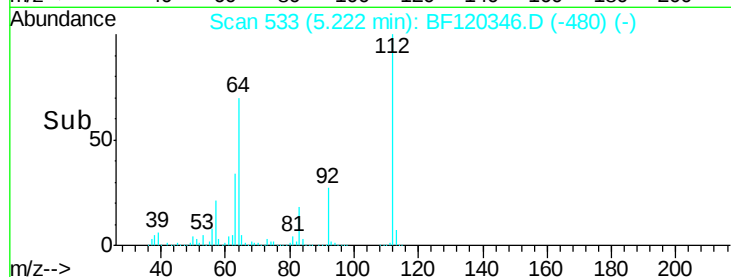
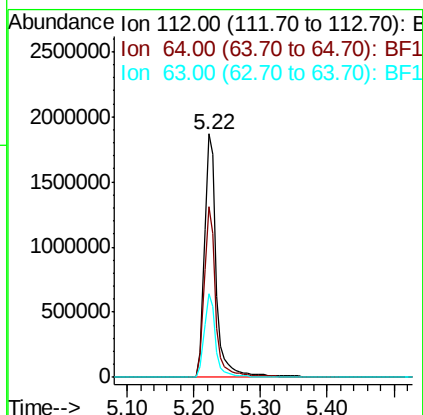
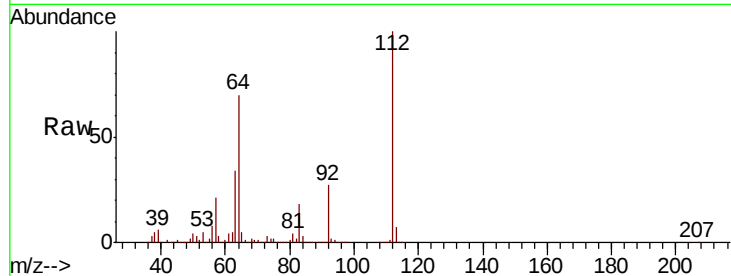
ClientSampleId :

PB128946BS

Tot Ion:	112	Resp:	2299901
Ion	Ratio	Lower	Upper
112	100		
64	69.9	52.7	79.1
63	34.5	26.2	39.4

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#6

Aniline

Concen: 37.620 ng

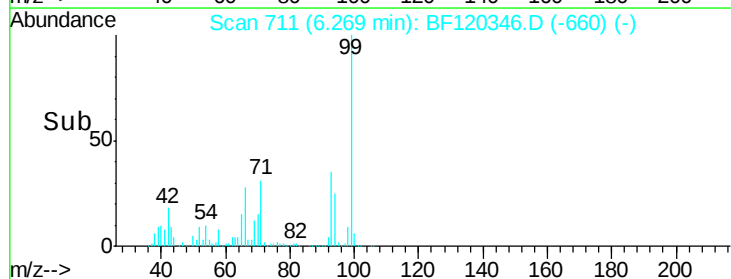
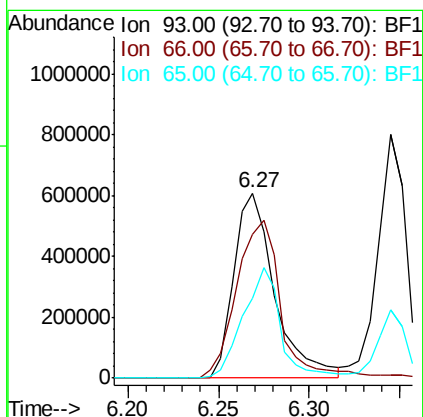
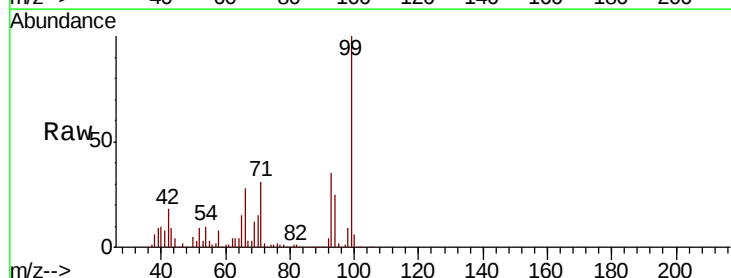
RT: 6.27 min Scan# 711

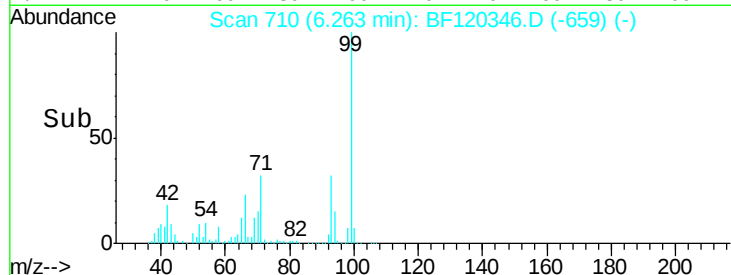
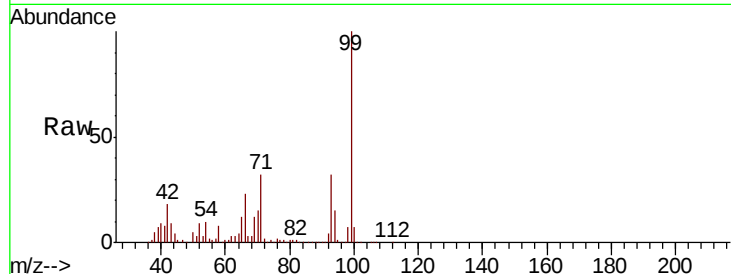
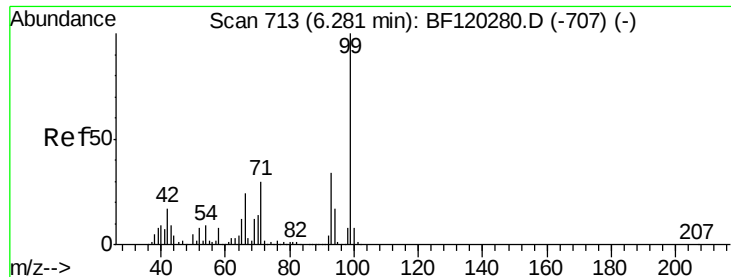
Delta R.T. -0.00 min

Lab File: BF120346.D

Acq: 18 May 2020 17:18

Tgt Ion:	93	Resp:	956376
Ion	Ratio	Lower	Upper
93	100		
66	77.5	56.2	84.4
65	43.4	34.2	51.2





#7

Phenol-d6

Concen: 137.659 ng

RT: 6.26 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF120346.D

Acq: 18 May 2020 17:18

Tot Ion: 99 Resp: 2736392

Ion Ratio Lower Upper

99 100

42 18.5 13.6 20.4

71 31.5 24.2 36.4

Instrument :

BNA_F

ClientSampleId :

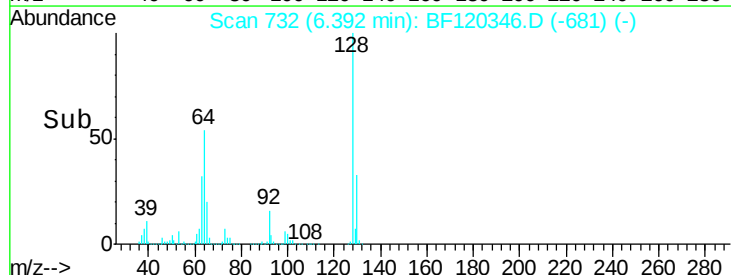
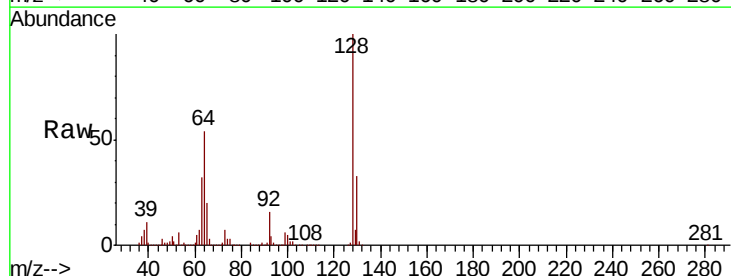
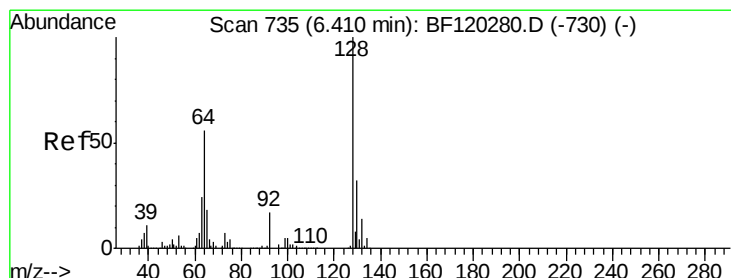
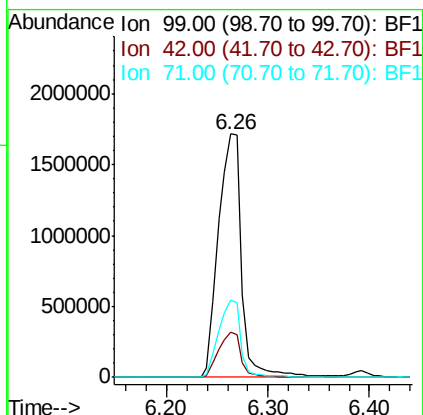
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#8

2-Chlorophenol

Concen: 48.316 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF120346.D

Acq: 18 May 2020 17:18

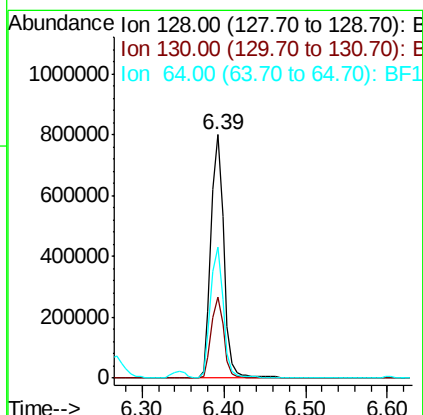
Tgt Ion:128 Resp: 885519

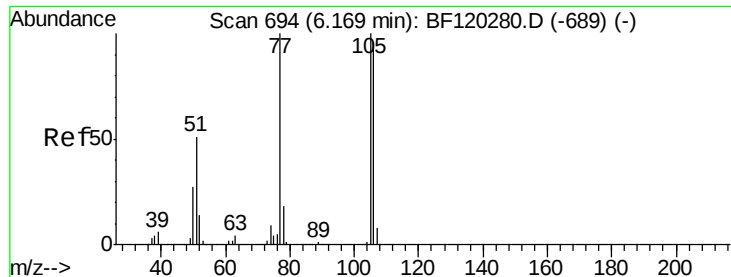
Ion Ratio Lower Upper

128 100

130 33.2 12.4 52.4

64 54.0 36.7 76.7





#9

Benzaldehyde

Concen: 43.728 ng

RT: 6.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF120346.D

Acq: 18 May 2020 17:18

Instrument :

BNA_F

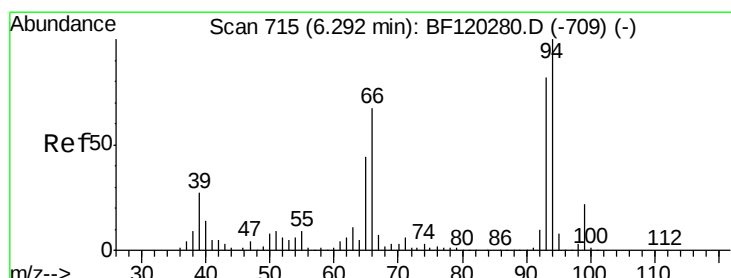
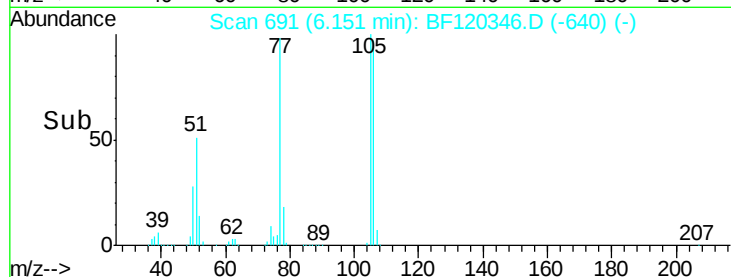
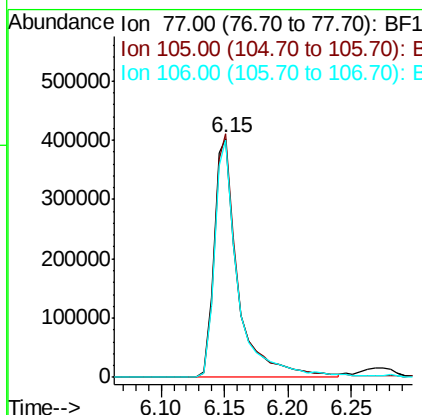
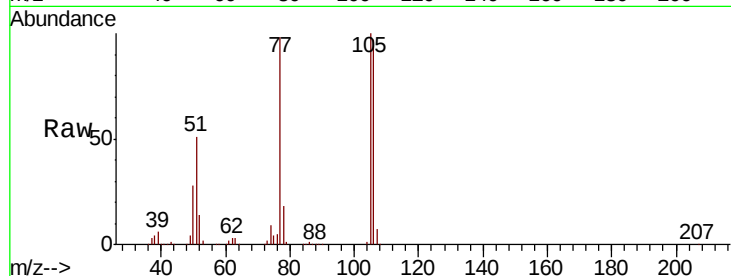
ClientSampled :

PB128946BS

Tot Ion:	77	Resp:	535850
Ion	Ratio	Lower	Upper
77	100		
105	102.0	79.9	119.9
106	99.4	75.7	115.7

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#10

Phenol

Concen: 46.536 ng

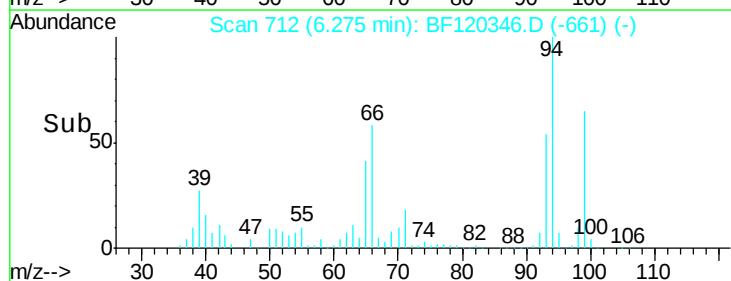
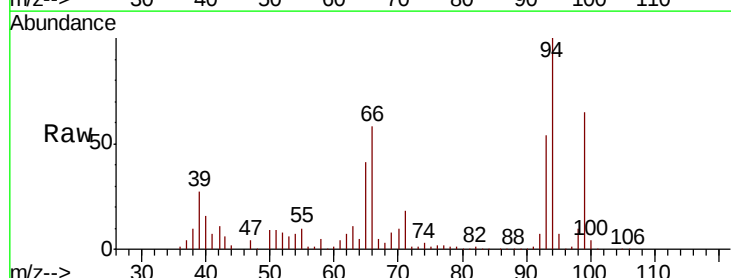
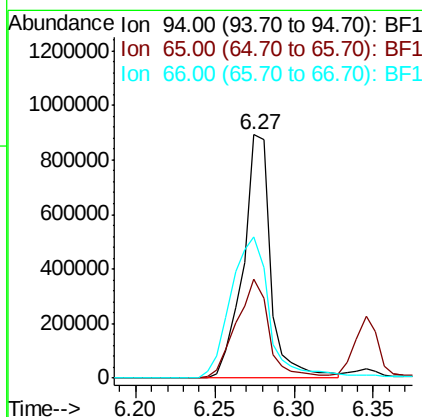
RT: 6.27 min Scan# 712

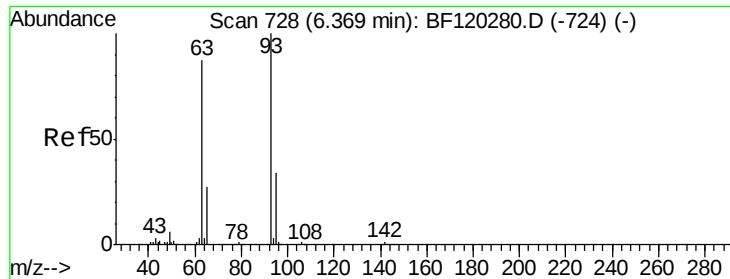
Delta R.T. -0.00 min

Lab File: BF120346.D

Acq: 18 May 2020 17:18

Tgt Ion:	94	Resp:	1079851
Ion	Ratio	Lower	Upper
94	100		
65	40.8	24.1	64.1
66	58.0	47.5	87.5





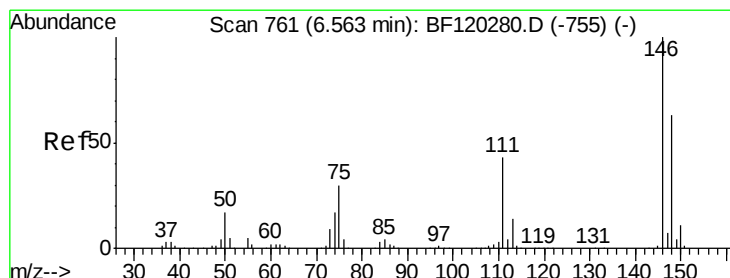
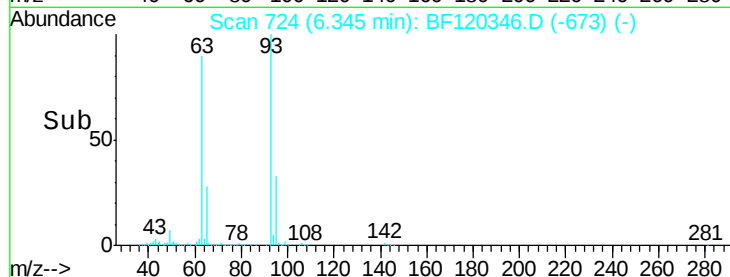
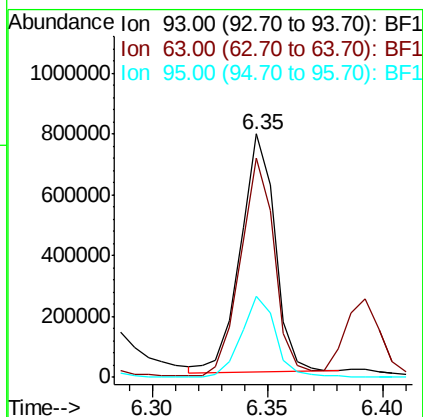
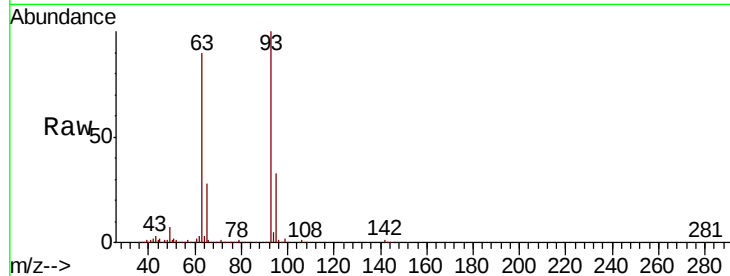
#11
bis(2-Chloroethyl)ether
Concen: 44.197 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Instrument :
BNA_F
ClientSampleId :
PB128946BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.9	65.4	105.4
95	33.3	12.9	52.9

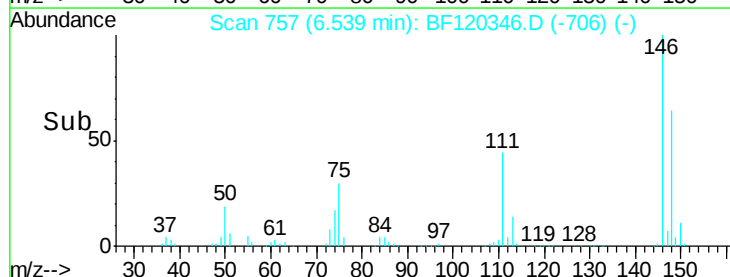
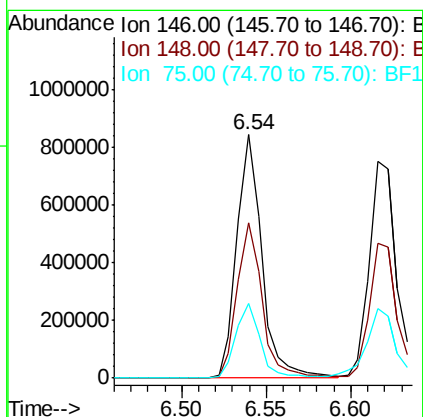
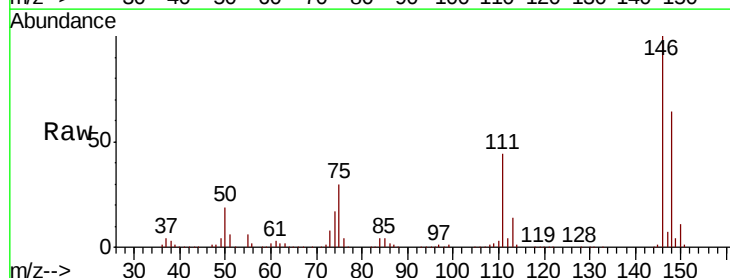
Manual Integrations
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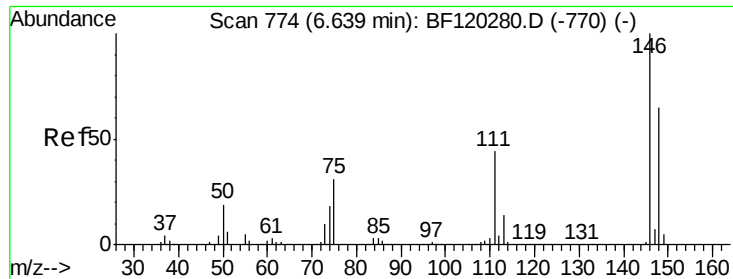
mohammad
5/19/2020 3:05:15 PM



#12
1,3-Dichlorobenzene
Concen: 44.748 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.5	75.7
75	30.4	24.2	36.4





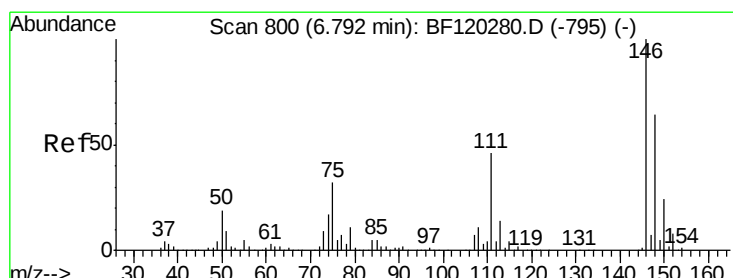
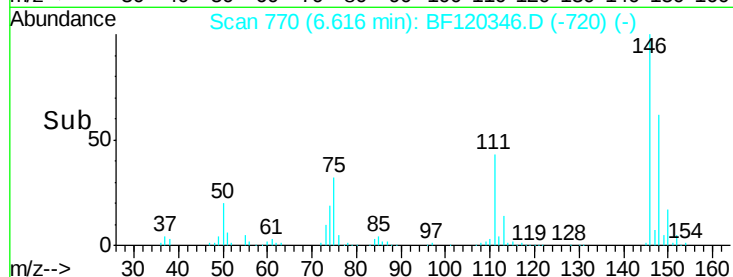
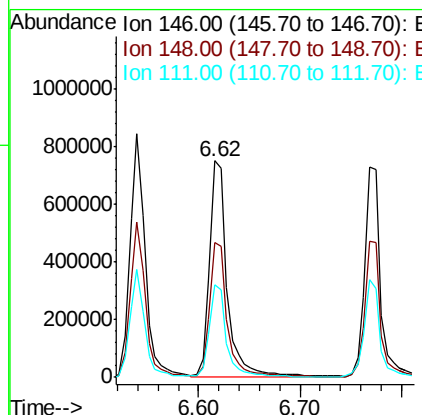
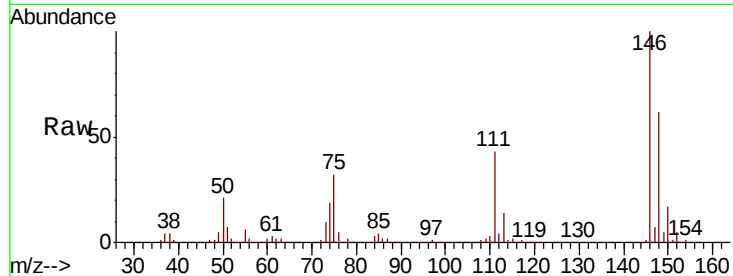
#13
 1,4-Dichlorobenzene
 Concen: 45.457 ng
 RT: 6.62 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF120346.D
 Acq: 18 May 2020 17:18

Instrument :
 BNA_F
 ClientSampleId :
 PB128946BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.6	77.4
111	43.1	35.1	52.7

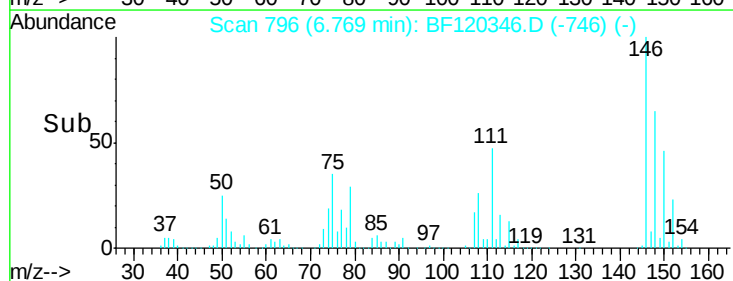
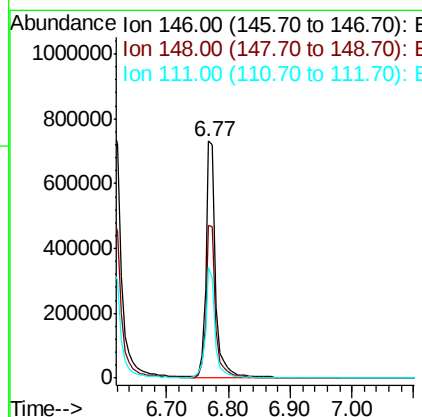
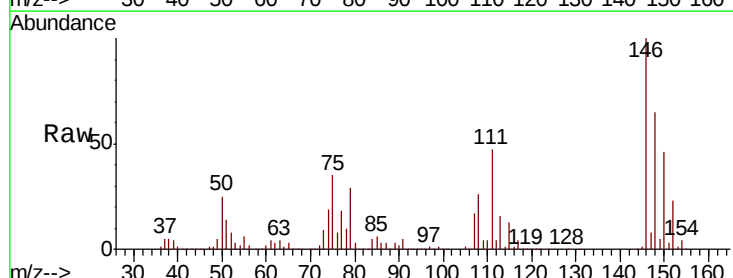
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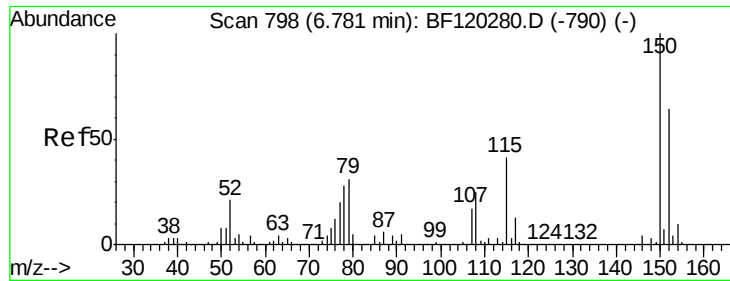
mohammad
 5/19/2020 3:05:15 PM



#14
 1,2-Dichlorobenzene
 Concen: 44.622 ng
 RT: 6.77 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF120346.D
 Acq: 18 May 2020 17:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.1	76.7
111	46.6	36.6	55.0





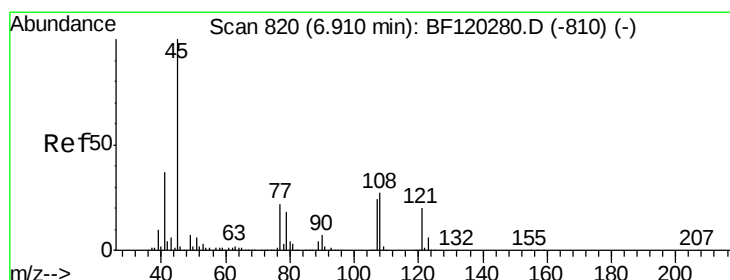
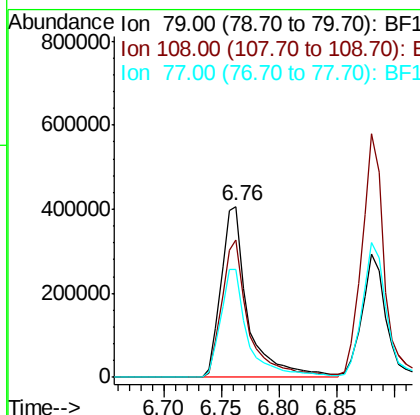
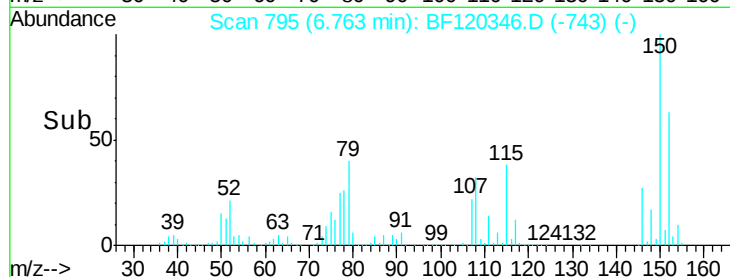
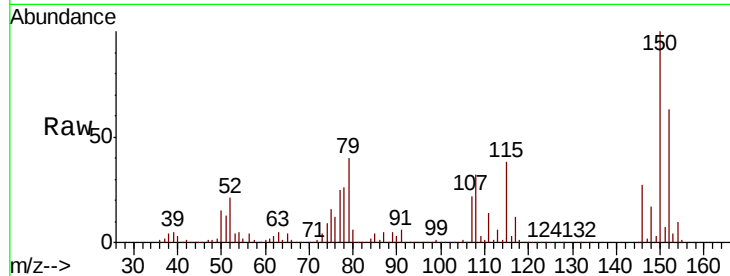
#15
Benzyl Alcohol
Concen: 46.845 ng
RT: 6.76 min Scan# 795
Delta R.T. 0.01 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Instrument :
BNA_F
ClientSampleId :
PB128946BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.6	64.2	96.4
77	62.9	51.6	77.4

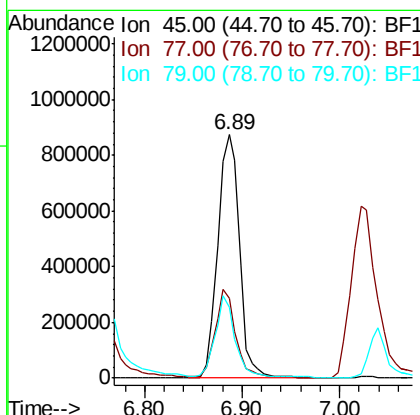
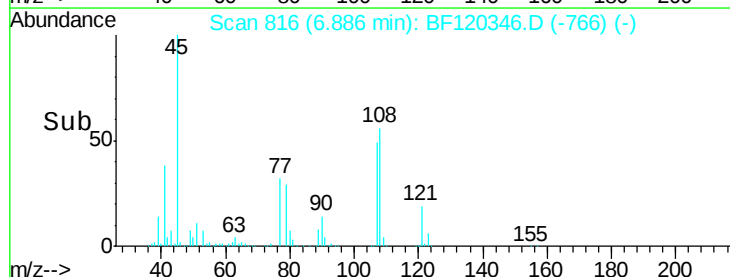
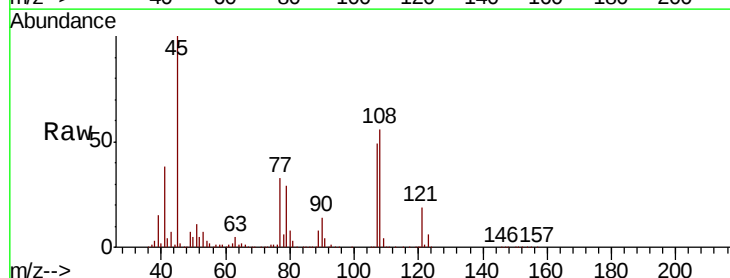
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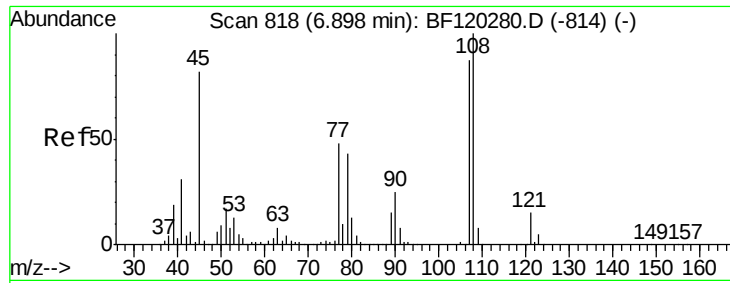
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.255 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Tgt Ion	Ratio	Lower	Upper
45	100		
77	32.7	3.1	43.1
79	29.2	0.0	40.0





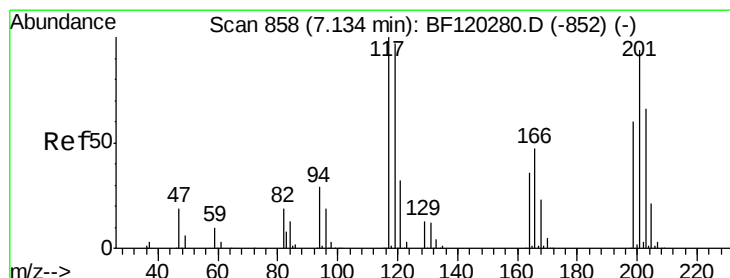
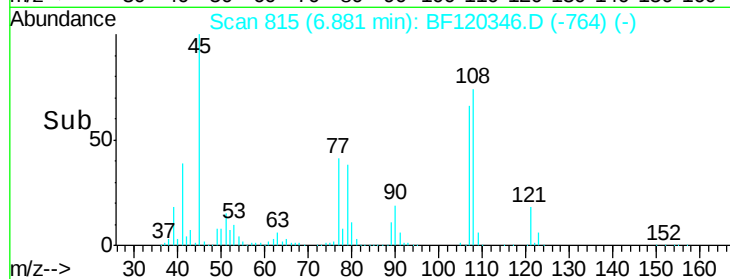
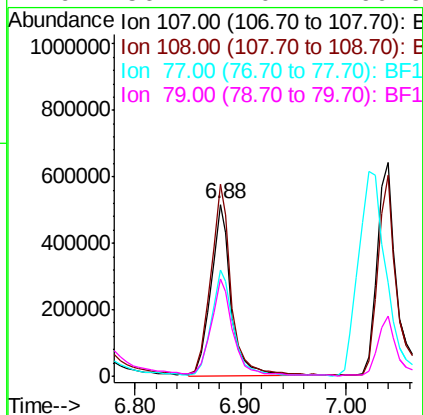
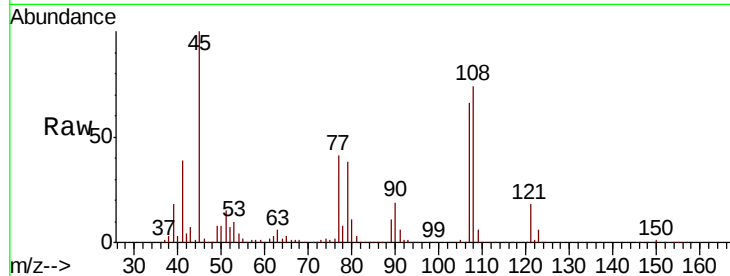
#17
2-Methylphenol
Concen: 44.660 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Instrument :
BNA_F
ClientSampleId :
PB128946BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	690975		
108	111.8	92.4	138.6	
77	61.8	44.5	66.7	
79	56.7	40.4	60.6	

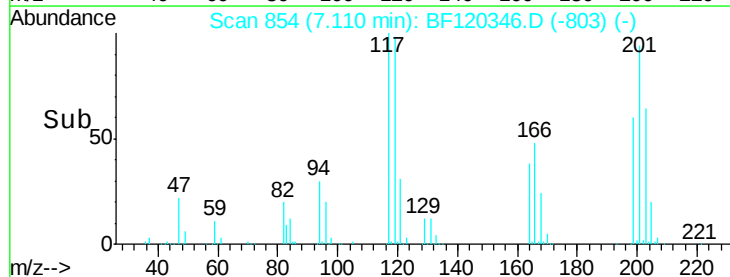
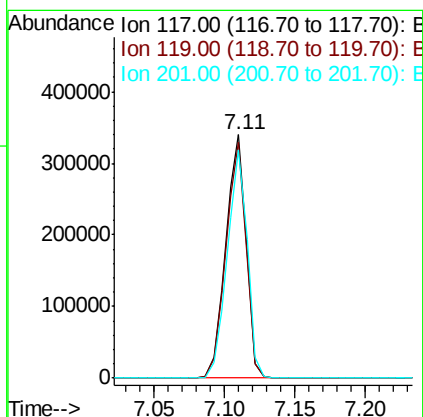
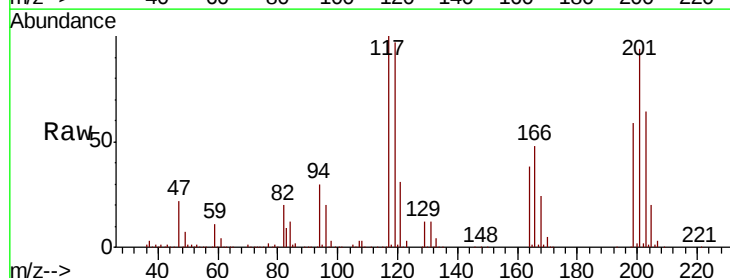
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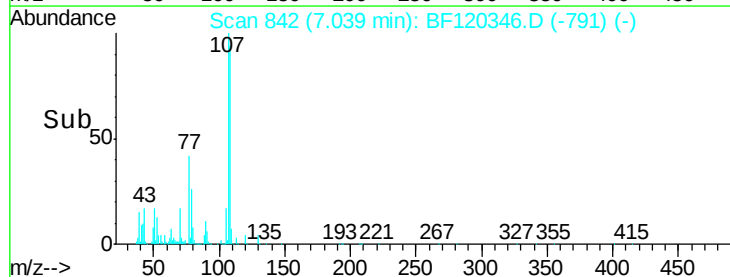
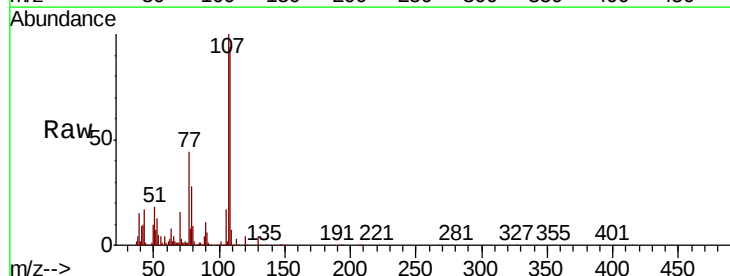
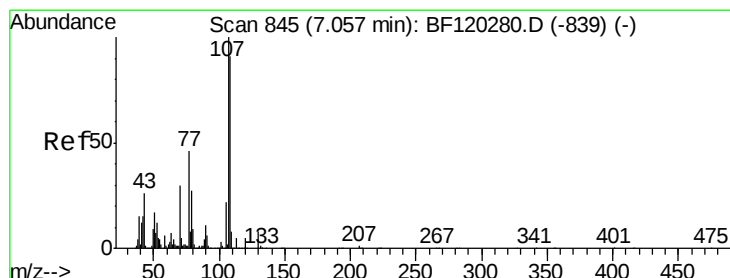
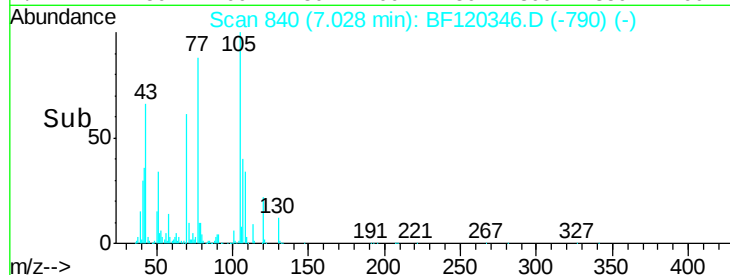
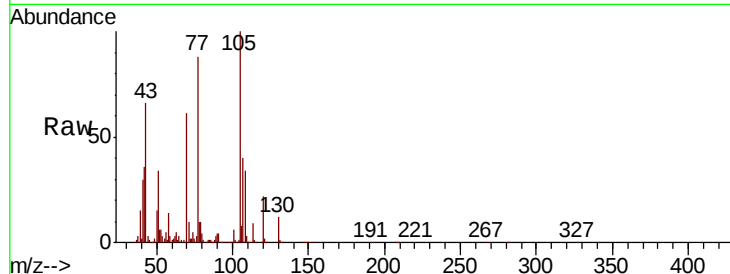
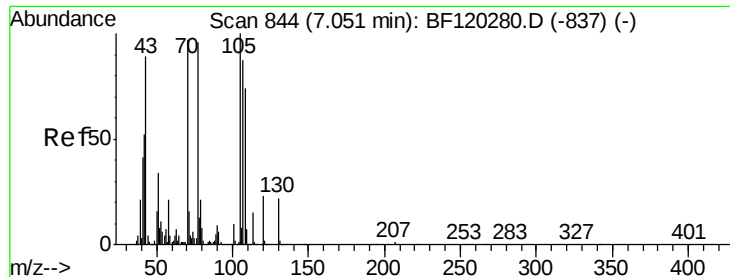
mohammad
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#18
Hexachloroethane
Concen: 44.014 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

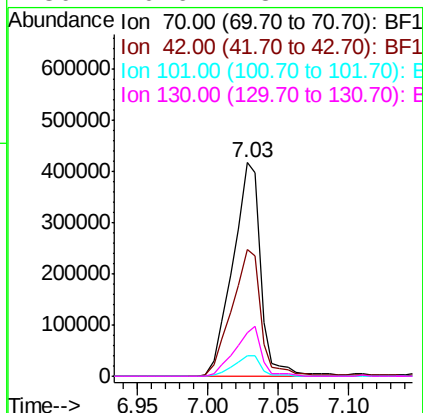
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	338683		
119	97.0	77.4	116.0	
201	93.6	74.9	112.3	





#19
n-Nitroso-di-n-propylamine
Concen: 44.484 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.2	43.4	65.0
101	9.4	7.8	11.8
130	20.6	18.2	27.4



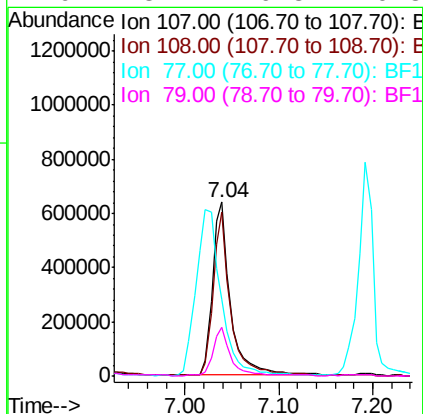
Instrument :
BNA_F
ClientSampleId :
PB128946BS

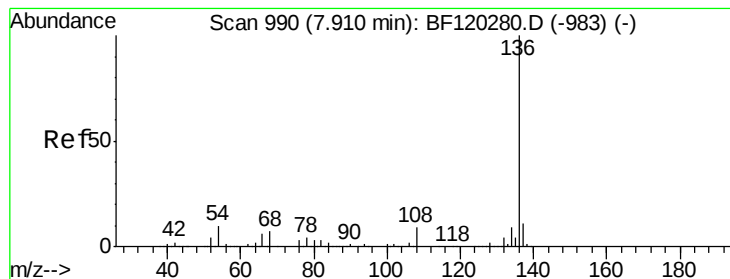
Manual Integrations
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#20
3+4-Methylphenols
Concen: 42.979 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.2	71.1	111.1
77	43.8	28.1	68.1
79	28.2	6.8	46.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.00 min

Lab File: BF120346.D

Acq: 18 May 2020 17:18

Instrument :

BNA_F

ClientSampleId :

PB128946BS

Tot Ion:136 Resp: 1184422

Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 10.5 7.9 11.9

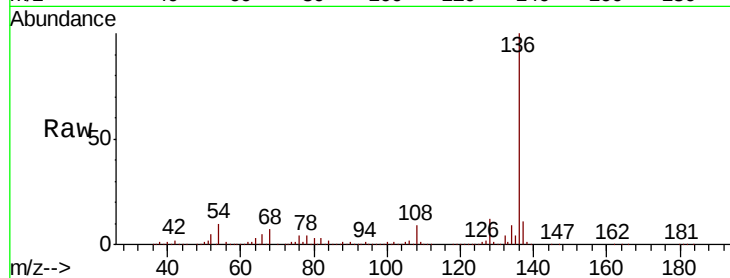
68 7.0 5.4 8.2

Manual Integrations

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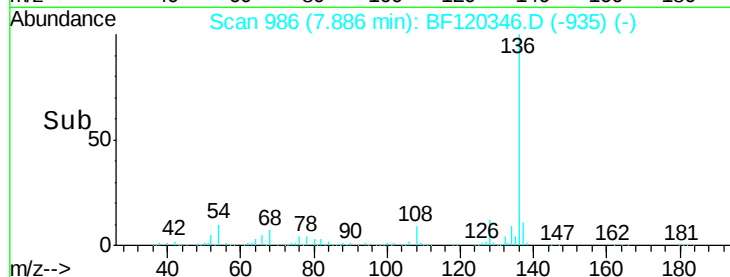


Abundance Ion 136.00 (135.70 to 136.70): E

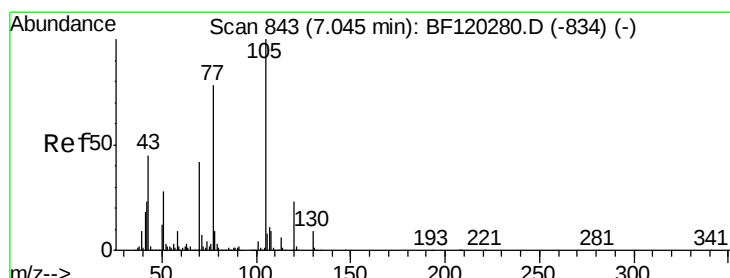
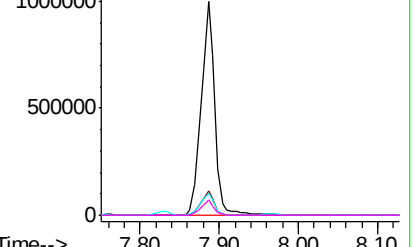
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 48.093 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF120346.D

Acq: 18 May 2020 17:18

Tgt Ion:105 Resp: 1166929

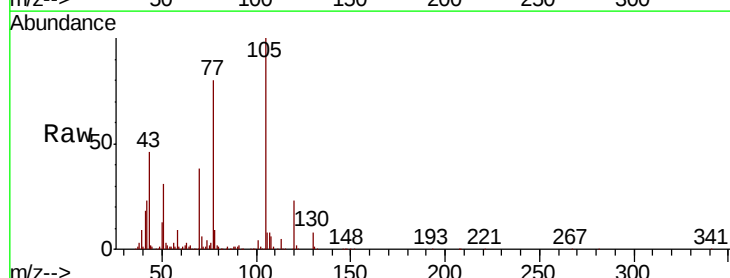
Ion Ratio Lower Upper

105 100

71 6.3 5.6 8.4

51 31.1 22.6 34.0

120 23.3 18.7 28.1

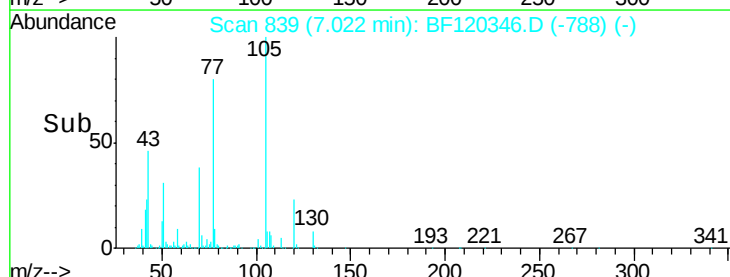


Abundance Ion 105.00 (104.70 to 105.70): E

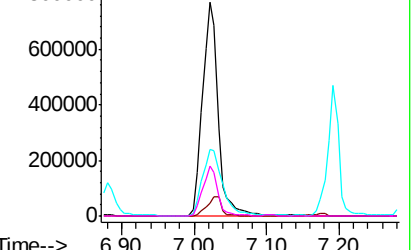
Ion 71.00 (70.70 to 71.70): BF1

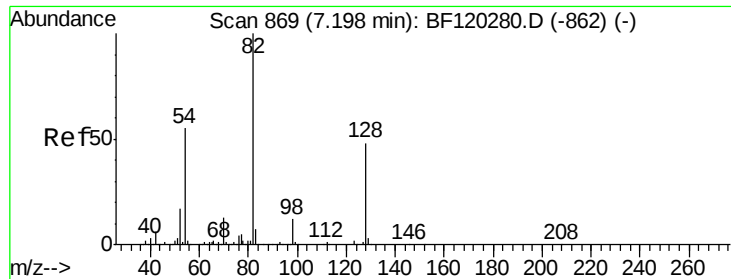
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->





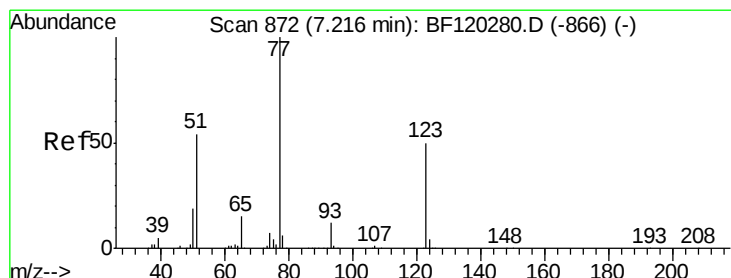
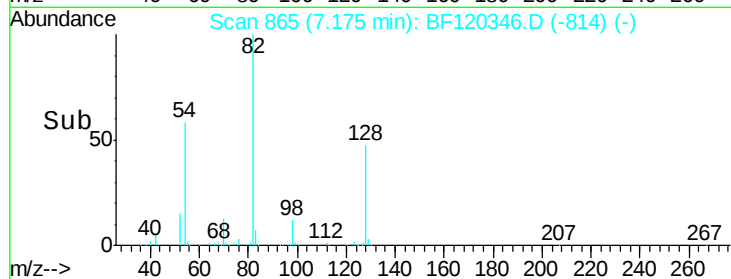
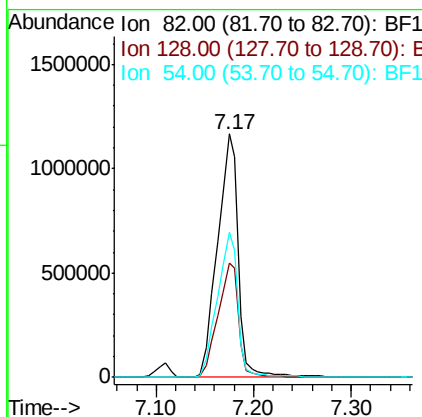
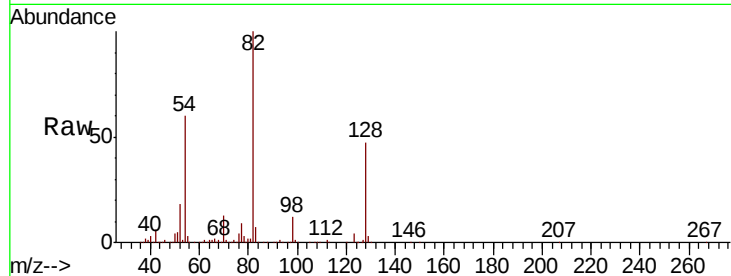
#23
 Nitrobenzene-d5
 Concen: 99.387 ng
 RT: 7.17 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: BF120346.D
 Acq: 18 May 2020 17:18

Instrument :
 BNA_F
 ClientSampleId :
 PB128946BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	38.3	57.5
54	59.8	43.9	65.9

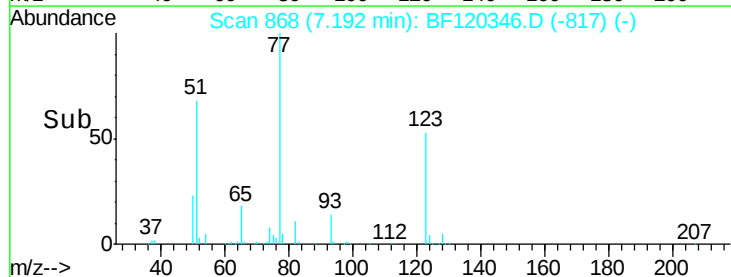
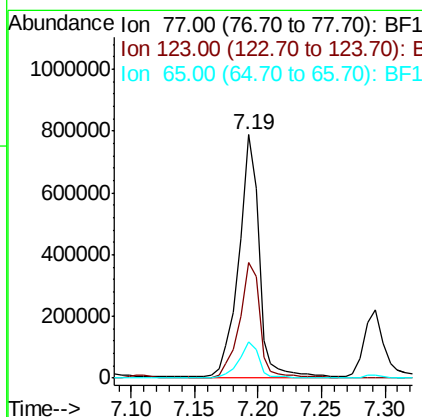
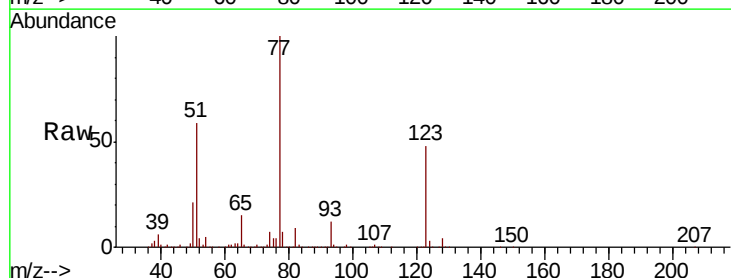
Manual Integrations
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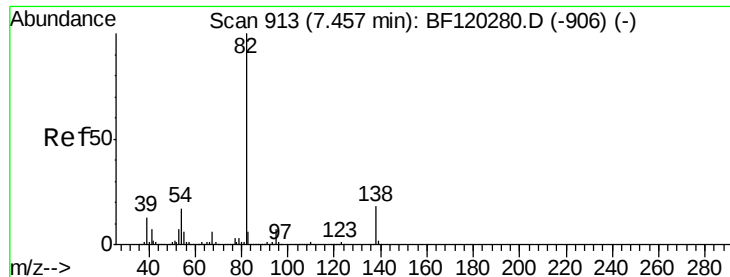
mohammad
 5/19/2020 3:05:15 PM



#24
 Nitrobenzene
 Concen: 46.997 ng
 RT: 7.19 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: BF120346.D
 Acq: 18 May 2020 17:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.6	40.0	60.0
65	15.0	11.7	17.5





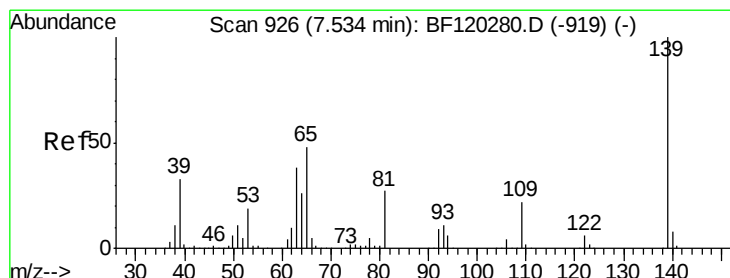
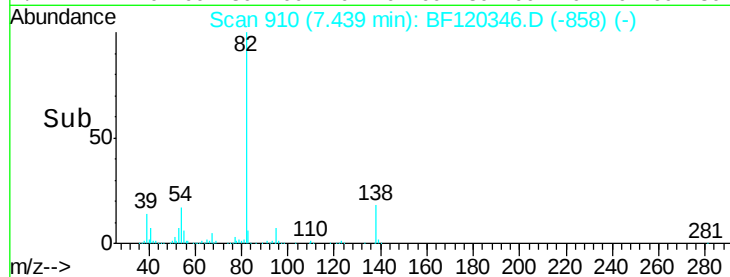
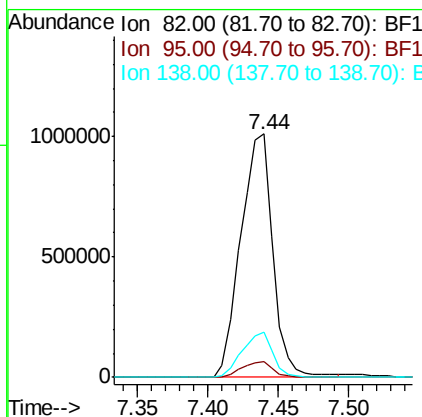
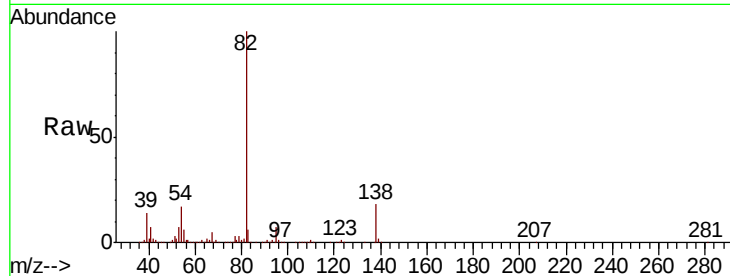
#25
Isophorone
Concen: 44.574 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.01 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Instrument :
BNA_F
ClientSampled :
PB128946BS

Tot Ion: 82 Resp: 1604430
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 18.4 14.7 22.1

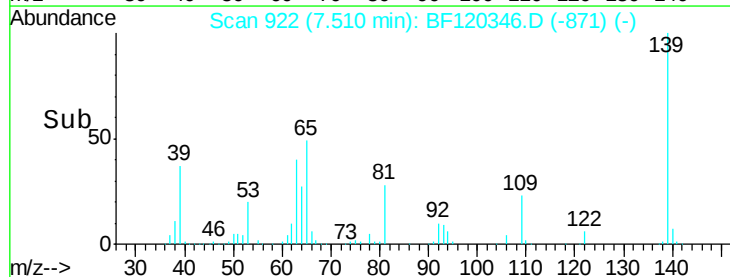
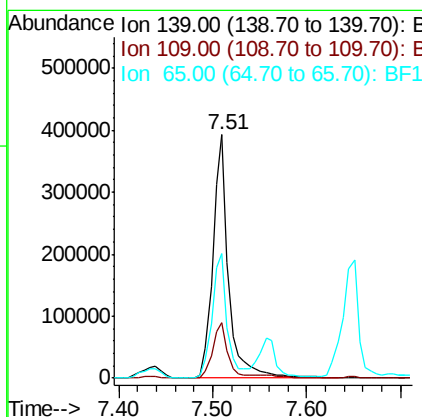
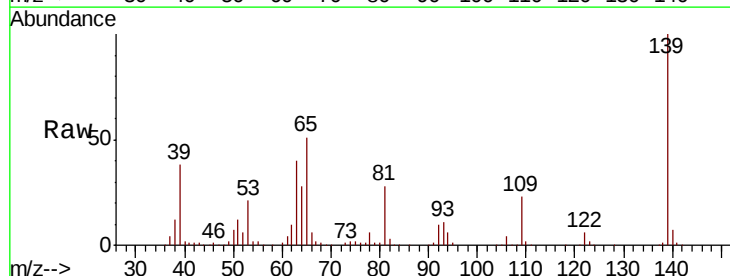
Manual Integrations
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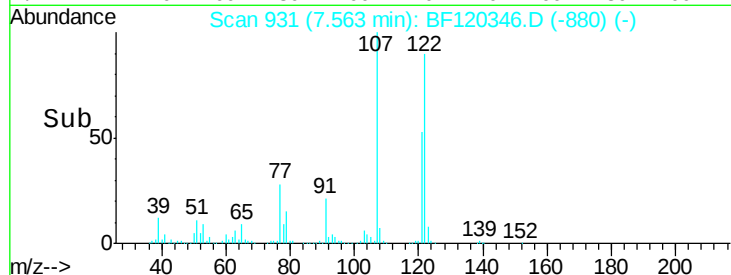
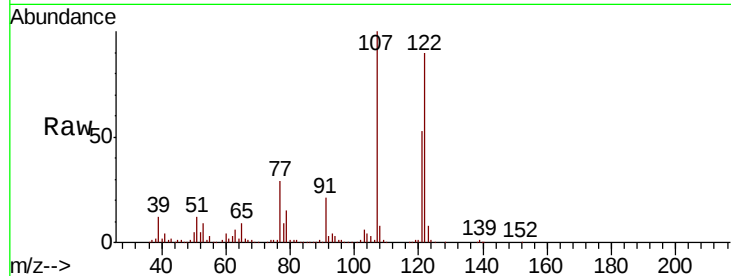
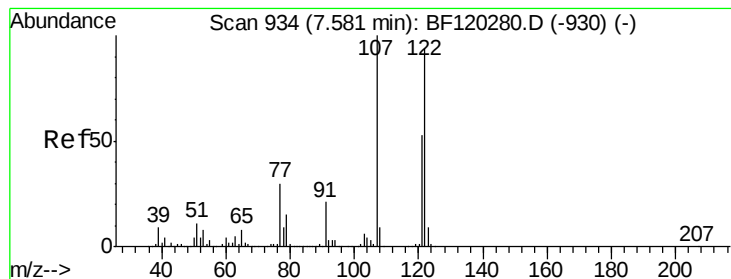
mohammad
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#26
2-Nitrophenol
Concen: 47.367 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.00 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Tgt Ion: 139 Resp: 461220
Ion Ratio Lower Upper
139 100
109 22.9 17.7 26.5
65 51.2 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 50.026 ng

RT: 7.56 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF120346.D

Acq: 18 May 2020 17:18

Tot Ion	Ratio	Resp	Lower	Upper
122	100	708575		
107	110.8	85.0	127.6	
121	59.1	45.1	67.7	

Instrument :

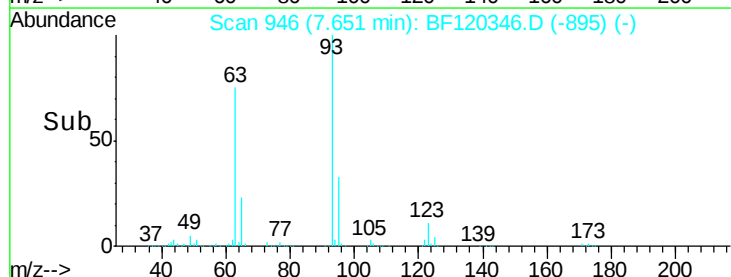
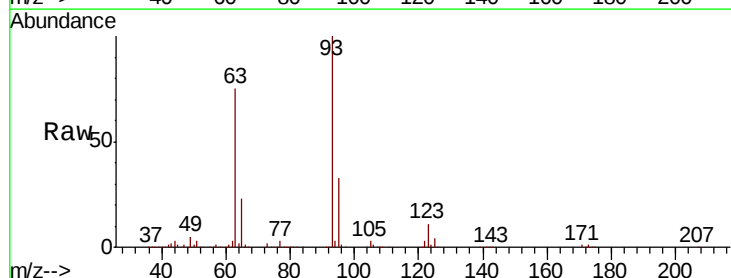
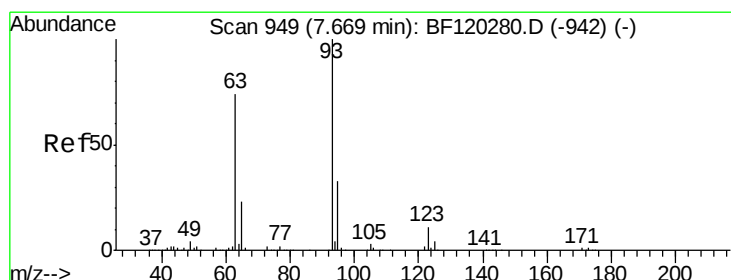
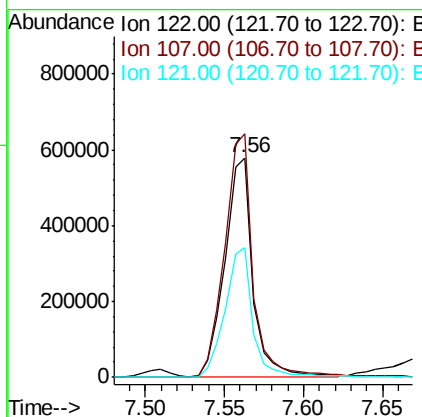
BNA_F

ClientSampleId :

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#28

bis(2-Chloroethoxy)methane

Concen: 43.511 ng

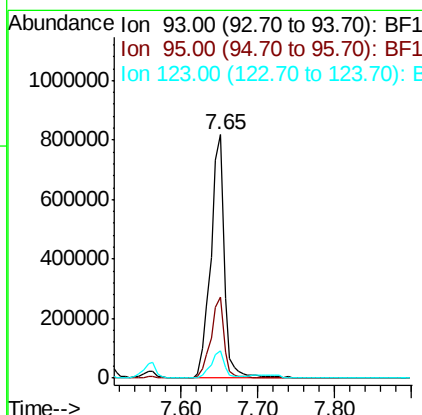
RT: 7.65 min Scan# 946

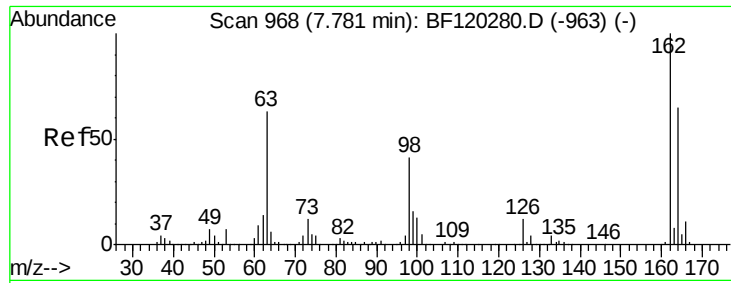
Delta R.T. -0.00 min

Lab File: BF120346.D

Acq: 18 May 2020 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	984395		
95	33.3	26.8	40.2	
123	11.3	9.2	13.8	





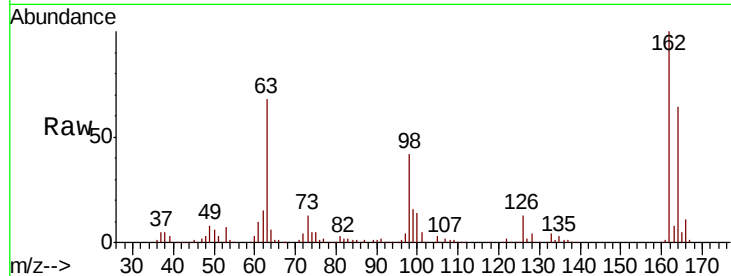
#29
2,4-Dichlorophenol
Concen: 46.873 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.00 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Instrument :
BNA_F
ClientSampleId :
PB128946BS

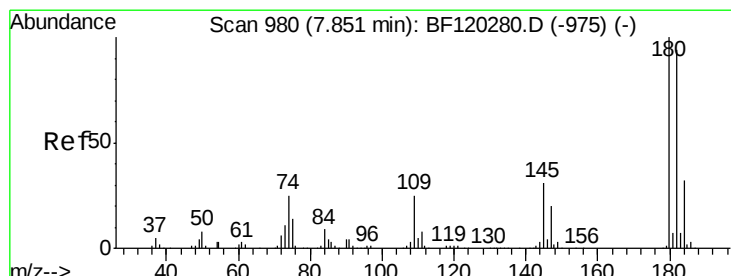
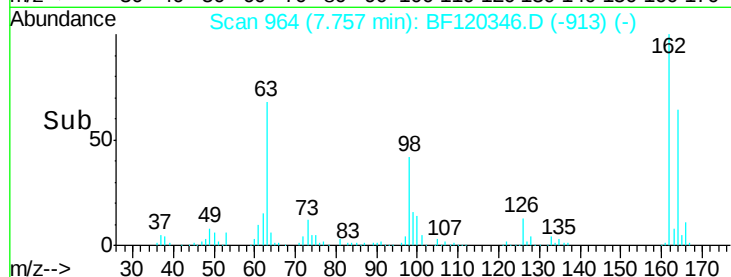
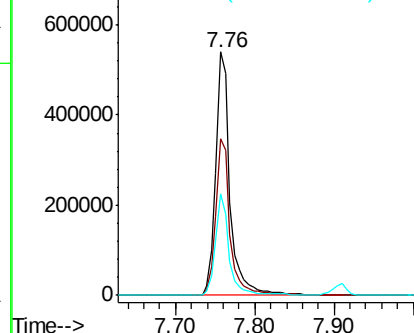
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		681878		
164	64.2	44.9	84.9		
98	41.7	20.7	60.7		

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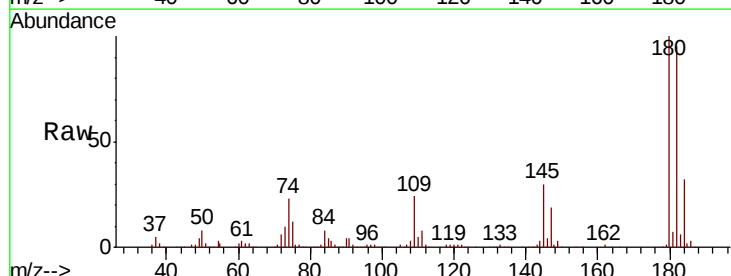


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

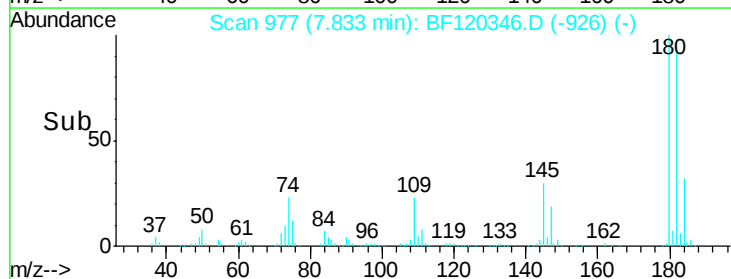
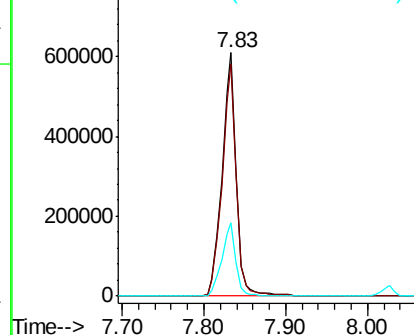


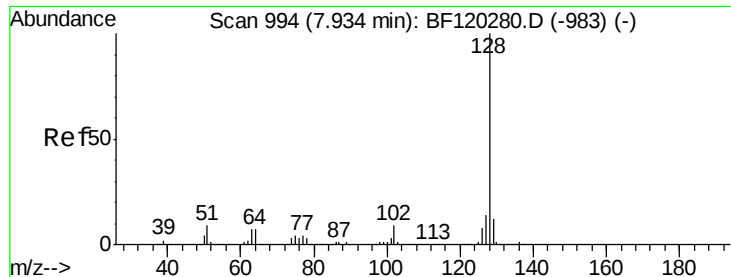
#30
1,2,4-Trichlorobenzene
Concen: 45.948 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		740704		
182	95.3	75.3	112.9		
145	30.2	24.9	37.3		



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 47.268 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF120346.D

Acq: 18 May 2020 17:18

Instrument :

BNA_F

ClientSampleId :

PB128946BS

Tot Ion:128 Resp: 2362829

Ion Ratio Lower Upper

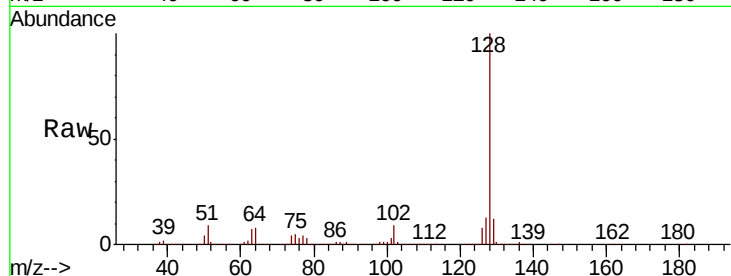
128 100

129 11.7 9.3 13.9

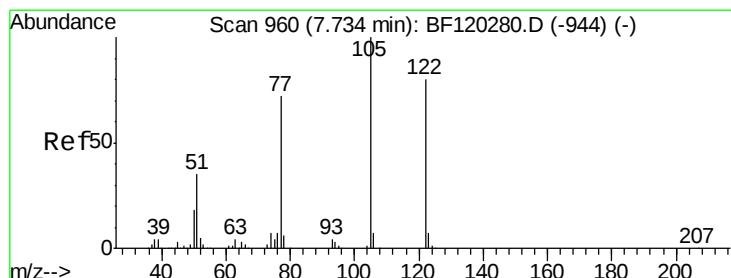
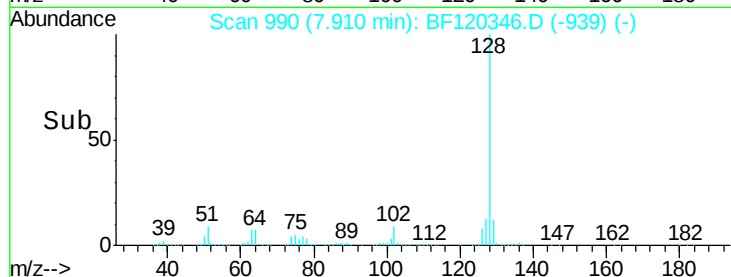
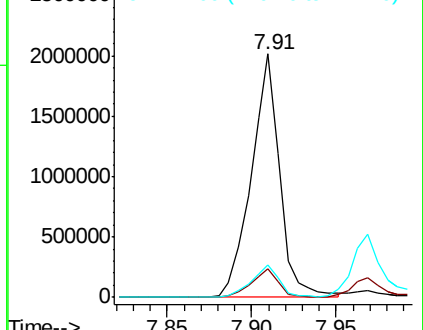
127 13.4 11.2 16.8

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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: 43.909 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF120346.D

Acq: 18 May 2020 17:18

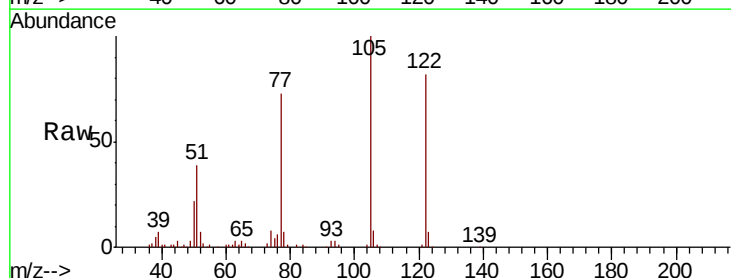
Tgt Ion:122 Resp: 407663

Ion Ratio Lower Upper

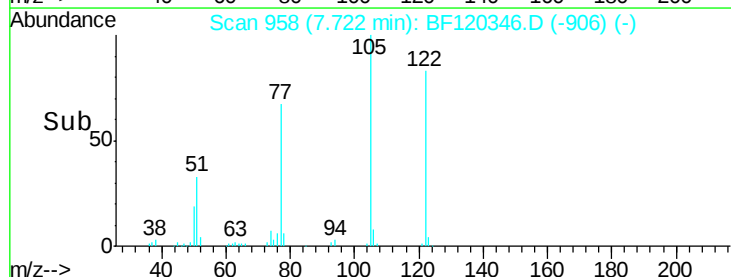
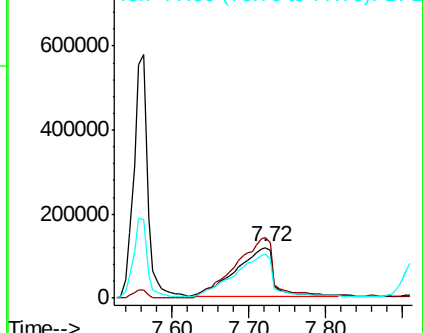
122 100

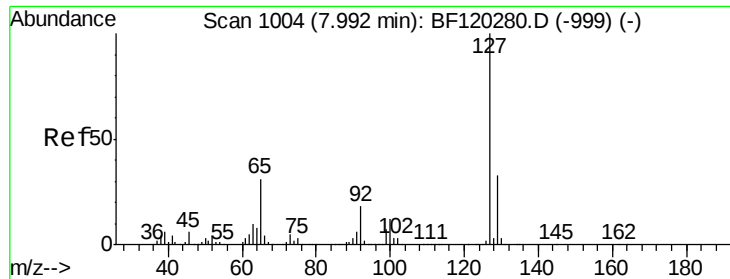
105 121.3 98.1 138.1

77 88.2 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





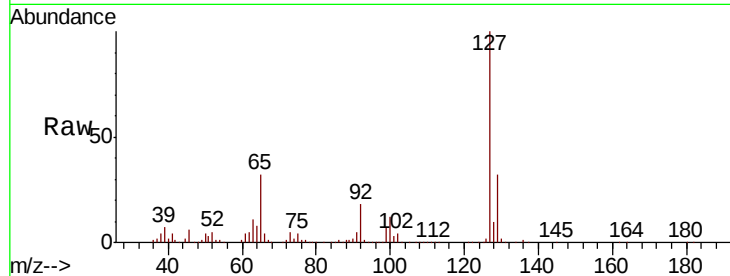
#33
4-Chloroaniline
Concen: 30.184 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Instrument :
BNA_F
ClientSampleId :
PB128946BS

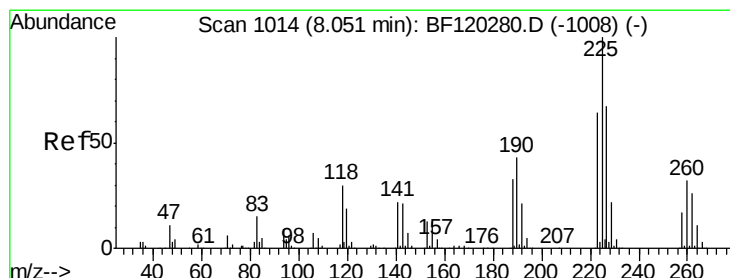
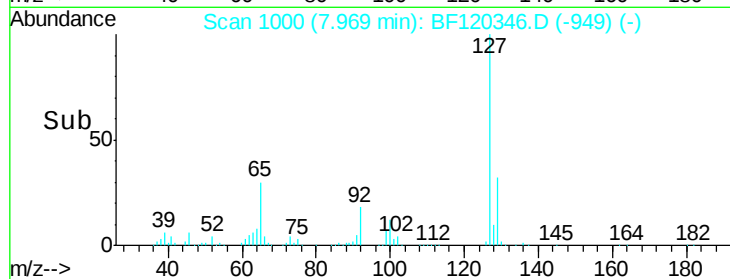
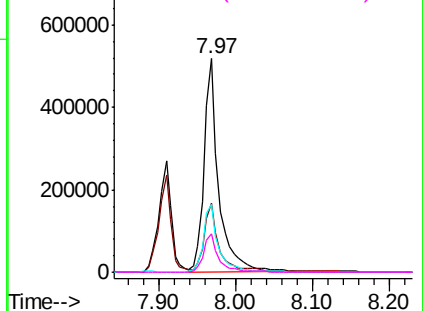
Tot Ion	Ratio	Resp	Lower	Upper
127	100	687621		
129	32.2		26.4	39.6
65	31.8		24.8	37.2
92	17.9		14.5	21.7

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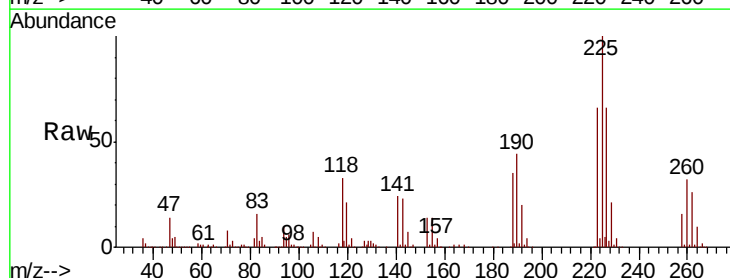


Abundance Ion 127.00 (126.70 to 127.70): E
800000 Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

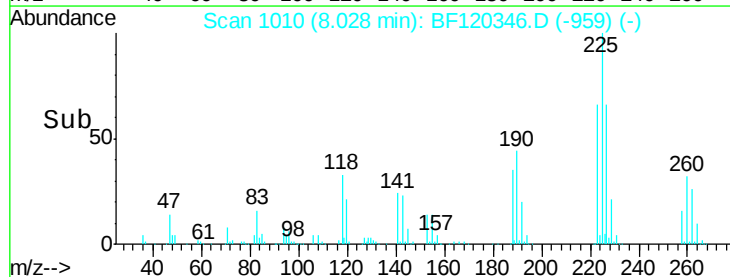
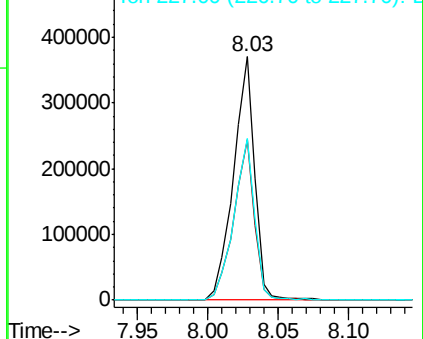


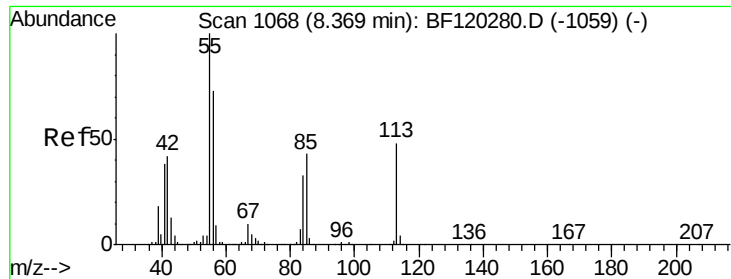
#34
Hexachlorobutadiene
Concen: 41.640 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	387987		
223	66.1		51.4	77.0
227	66.5		54.0	81.0



Abundance Ion 225.00 (224.70 to 225.70): E
500000 Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





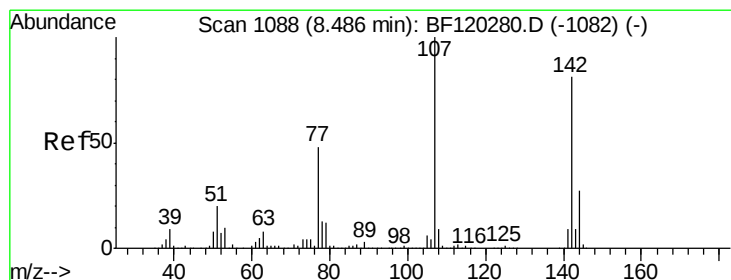
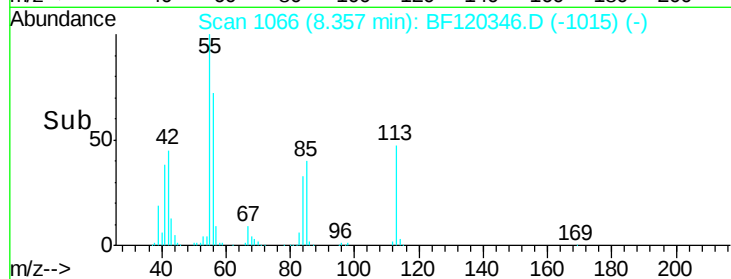
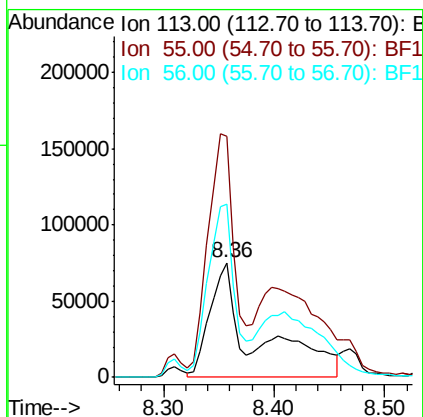
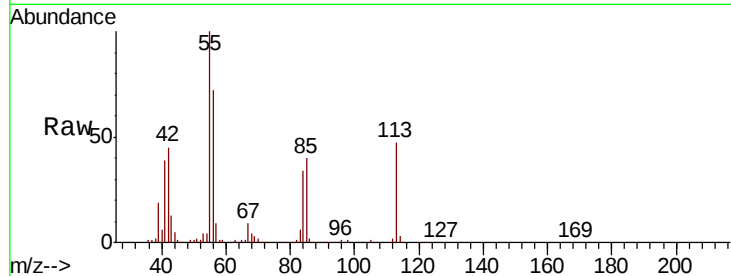
#35
 Caprolactam
 Concen: 45.393 ng/ml
 RT: 8.36 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: BF120346.D
 Acq: 18 May 2020 17:18

Instrument :
 BNA_F
 ClientSampleId :
 PB128946BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	210.7	190.4	230.4
56	151.0	132.7	172.7

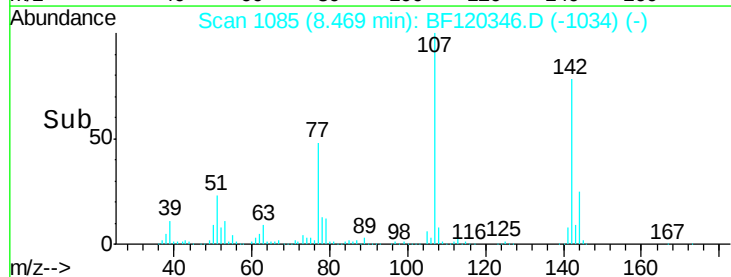
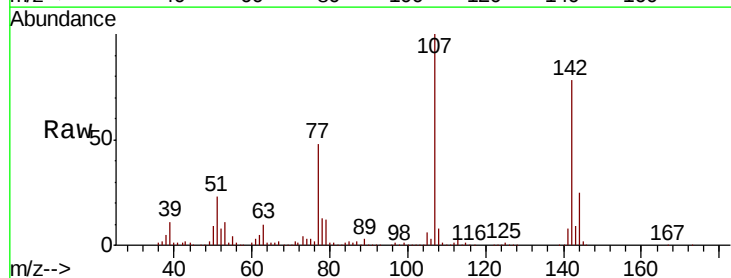
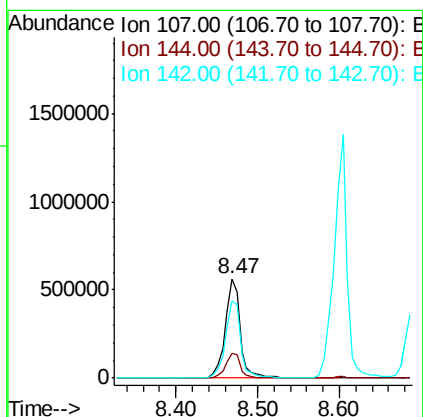
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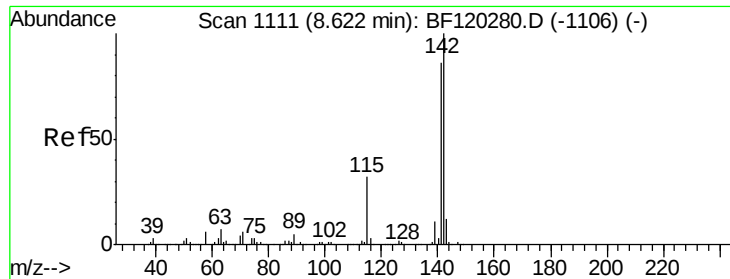
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#36
 4-Chloro-3-methylphenol
 Concen: 45.704 ng/ml
 RT: 8.47 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: BF120346.D
 Acq: 18 May 2020 17:18

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	21.4	32.2
142	78.1	65.1	97.7





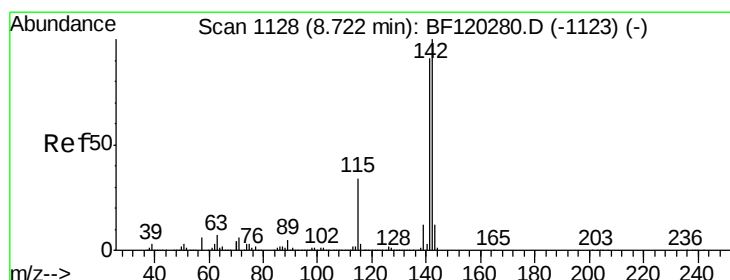
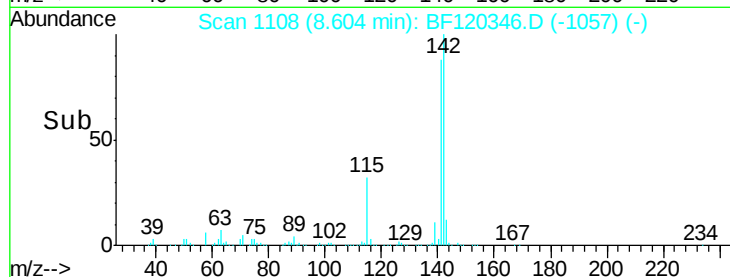
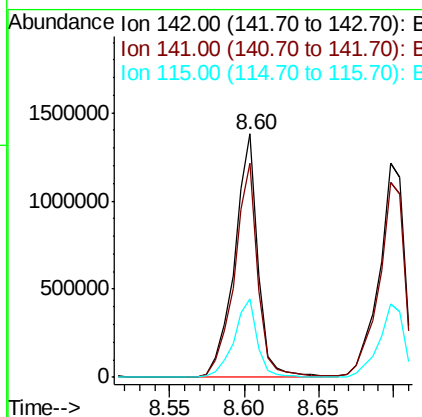
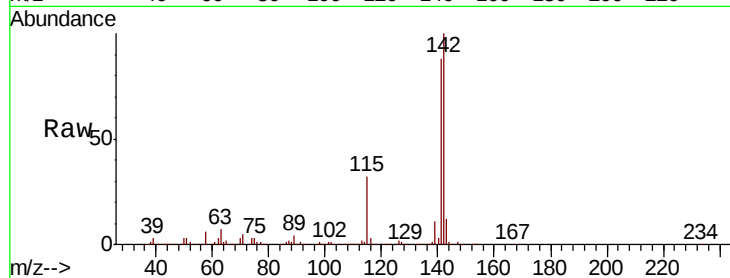
#37
2-Methylnaphthalene
Concen: 44.586 ng
RT: 8.60 min Scan# 1108
Delta R.T. -0.00 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Instrument :
BNA_F
ClientSampleId :
PB128946BS

Tot Ion:142 Resp: 1525202
Ion Ratio Lower Upper
142 100
141 87.8 68.8 103.2
115 32.0 25.7 38.5

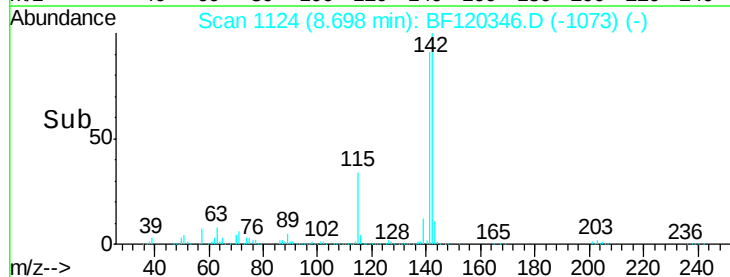
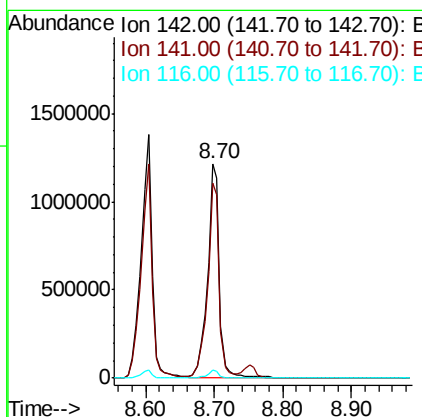
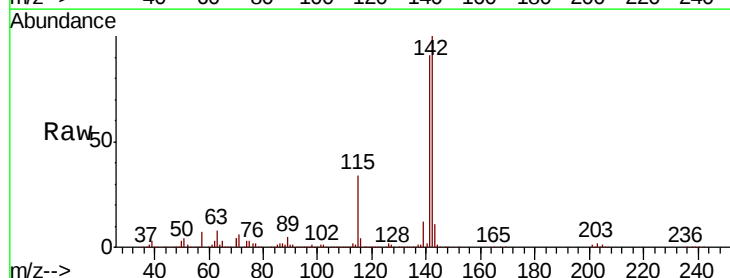
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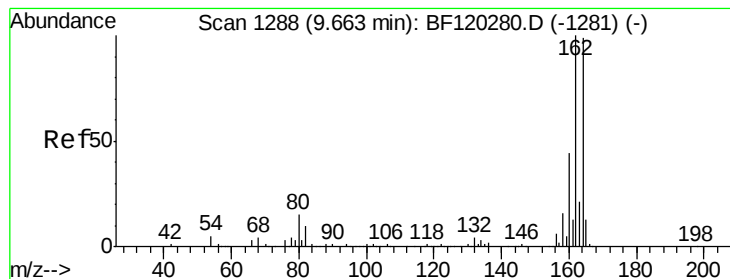
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#38
1-Methylnaphthalene
Concen: 44.646 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Tgt Ion:142 Resp: 1481260
Ion Ratio Lower Upper
142 100
141 90.9 73.0 109.6
116 3.8 2.7 4.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF120346.D

Acq: 18 May 2020 17:18

Instrument :

BNA_F

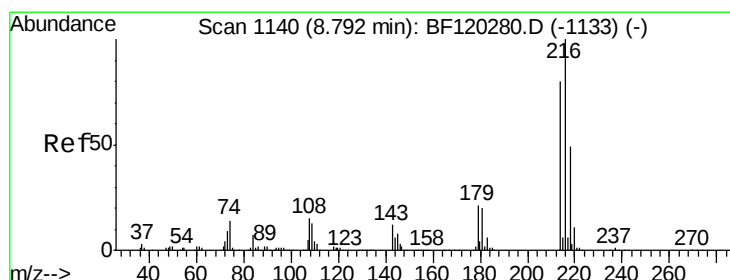
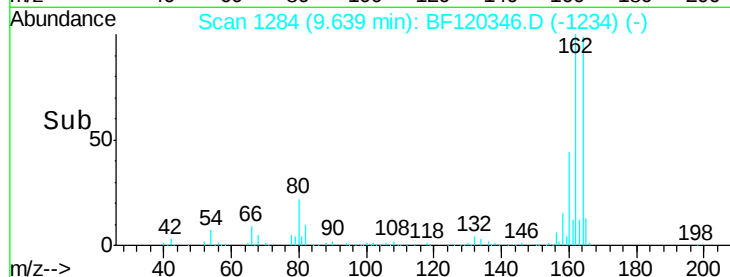
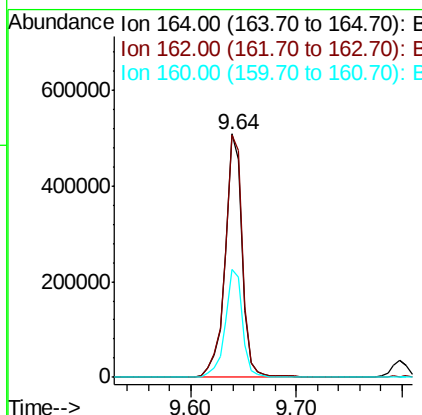
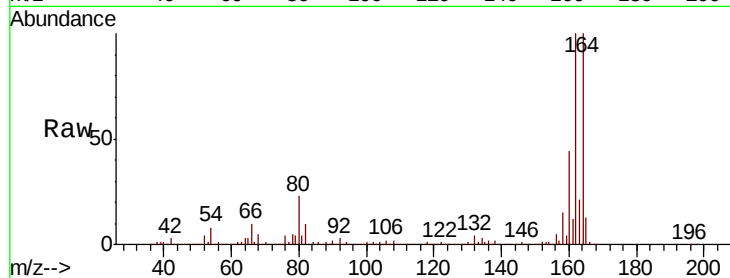
ClientSampleId :

PB128946BS

Tot Ion:	164	Resp:	567683
Ion Ratio	Lower	Upper	
164	100		
162	99.6	81.2	121.8
160	44.1	35.8	53.6

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.387 ng

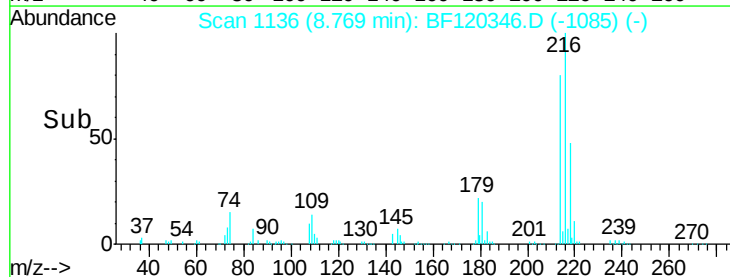
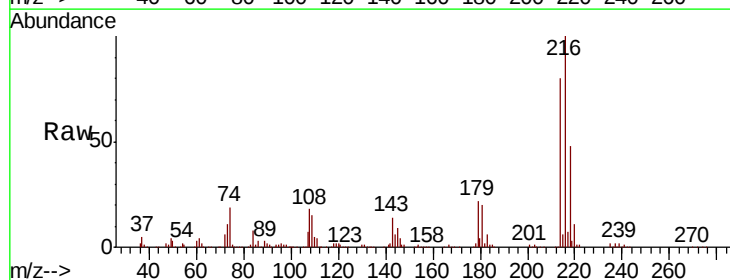
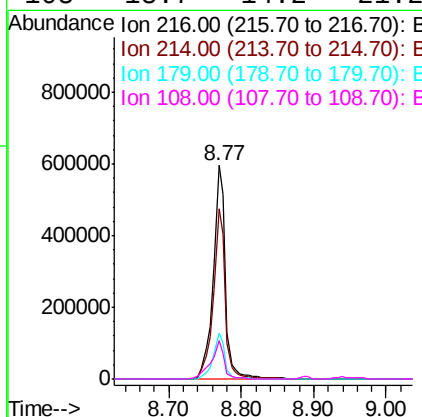
RT: 8.77 min Scan# 1136

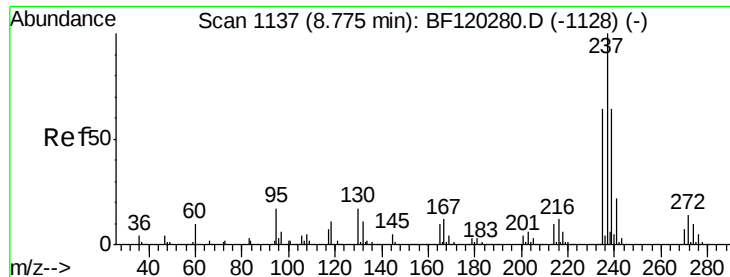
Delta R.T. -0.00 min

Lab File: BF120346.D

Acq: 18 May 2020 17:18

Tgt Ion:	216	Resp:	692630
Ion Ratio	Lower	Upper	
216	100		
214	78.8	64.0	96.0
179	20.7	16.9	25.3
108	18.7	14.2	21.2





#41

Hexachlorocyclopentadiene

Concen: 100.802 ng

RT: 8.75 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BF120346.D

Acq: 18 May 2020 17:18

Instrument :

BNA_F

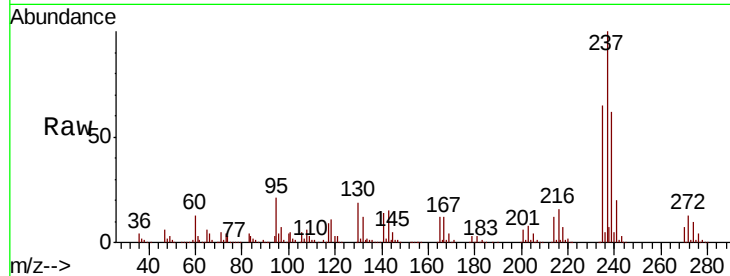
ClientSampleId :

PB128946BS

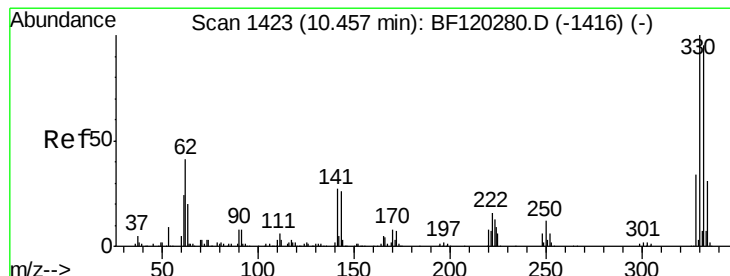
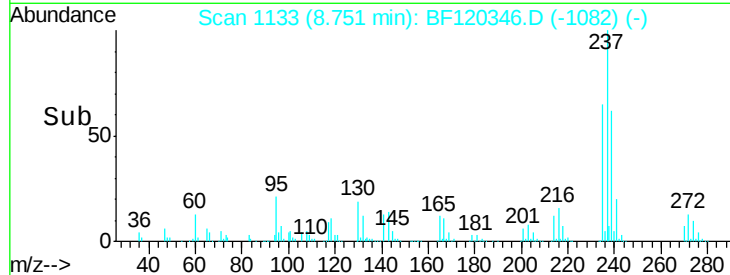
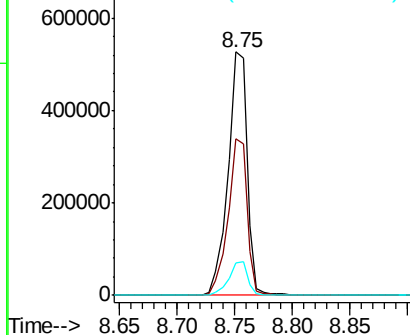
Tot Ion:	237	Resp:	606307
Ion Ratio	Lower	Upper	
237	100		
235	64.6	43.8	83.8
272	13.1	0.0	33.9

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



#42

2,4,6-Tribromophenol

Concen: 140.421 ng

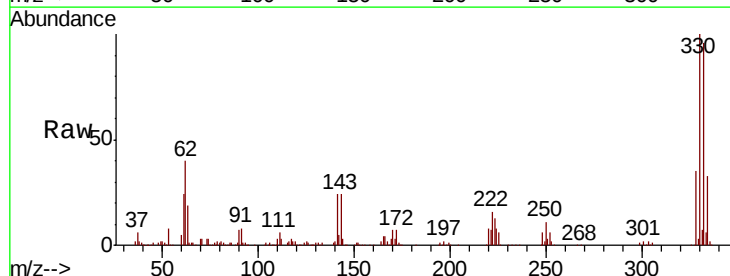
RT: 10.44 min Scan# 1420

Delta R.T. 0.01 min

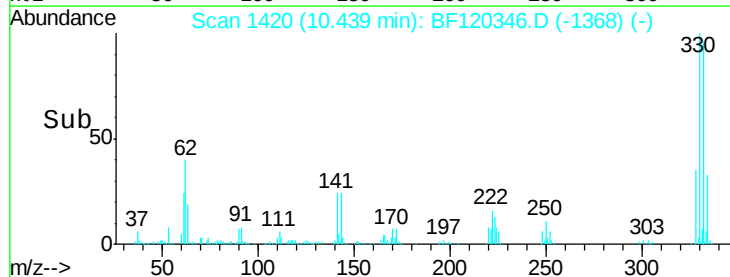
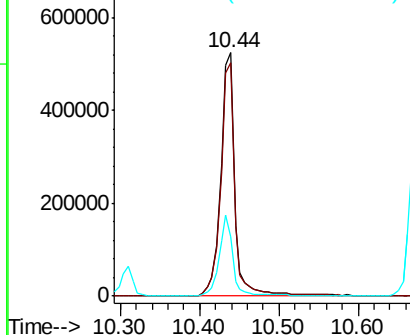
Lab File: BF120346.D

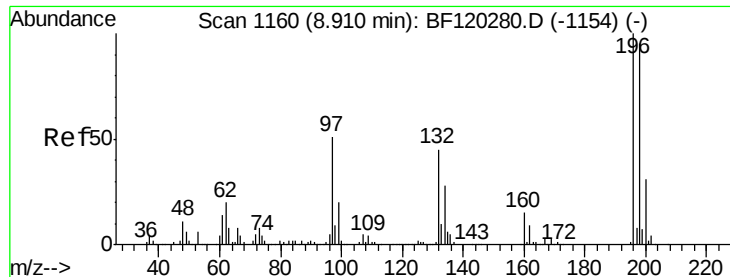
Acq: 18 May 2020 17:18

Tgt Ion:	330	Resp:	649949
Ion Ratio	Lower	Upper	
330	100		
332	96.6	76.5	114.7
141	31.3	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





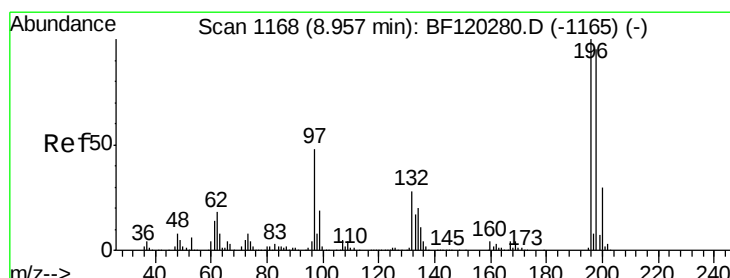
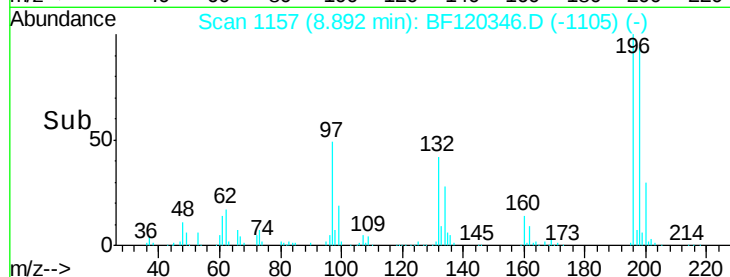
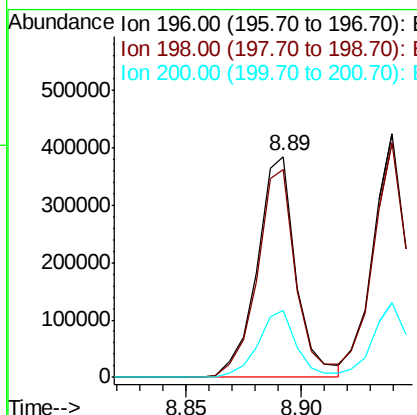
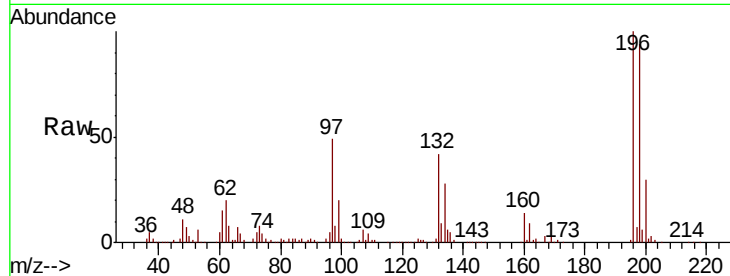
#43
 2,4,6-Trichlorophenol
 Concen: 47.031 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. 0.01 min
 Lab File: BF120346.D
 Acq: 18 May 2020 17:18

Instrument :
 BNA_F
 ClientSampleId :
 PB128946BS

Tot Ion:	196	Resp:	451894
Ion Ratio	Lower	Upper	
196	100		
198	93.9	76.2	114.4
200	30.3	24.9	37.3

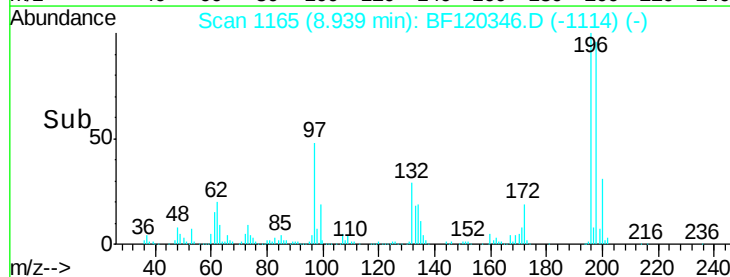
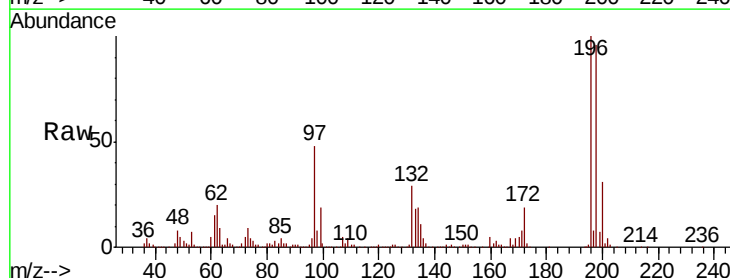
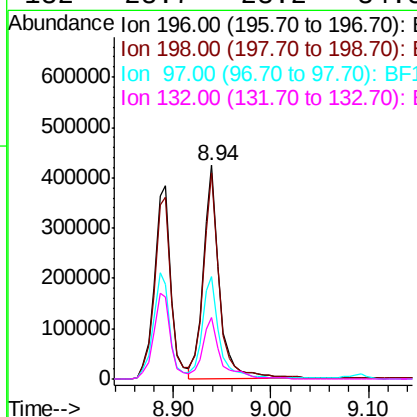
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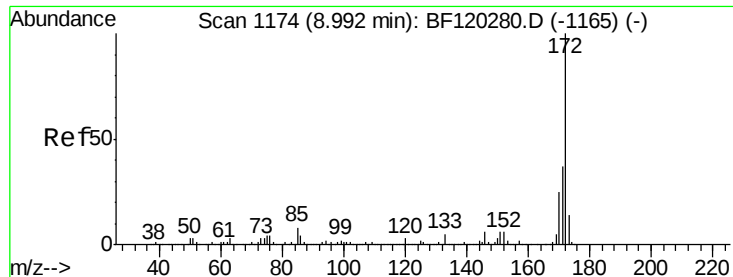
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 43.692 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BF120346.D
 Acq: 18 May 2020 17:18

Tgt Ion:	196	Resp:	482118
Ion Ratio	Lower	Upper	
196	100		
198	96.4	76.2	114.4
97	47.7	38.6	57.8
132	28.7	23.2	34.8





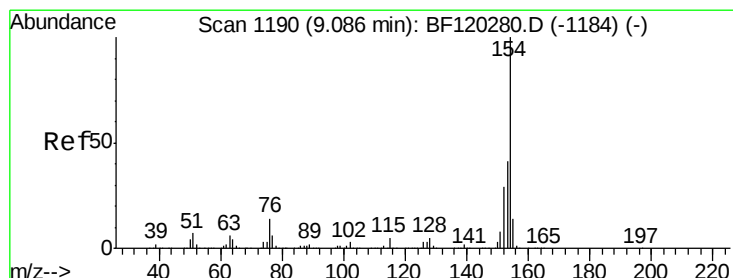
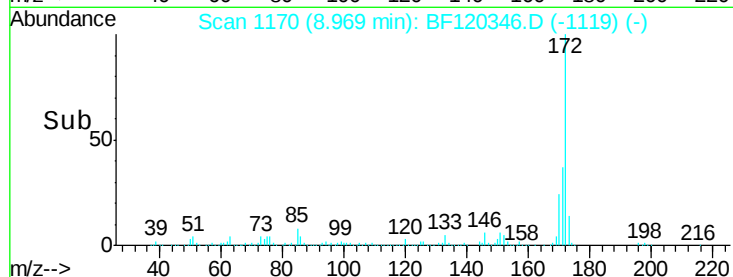
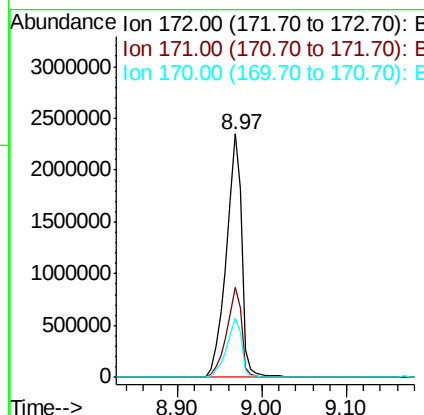
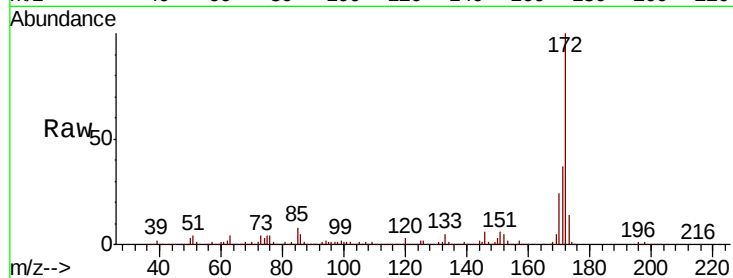
#45
2-Fluorobiphenyl
Concen: 108.103 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Instrument :
BNA_F
ClientSampleId :
PB128946BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.2	19.9	29.9

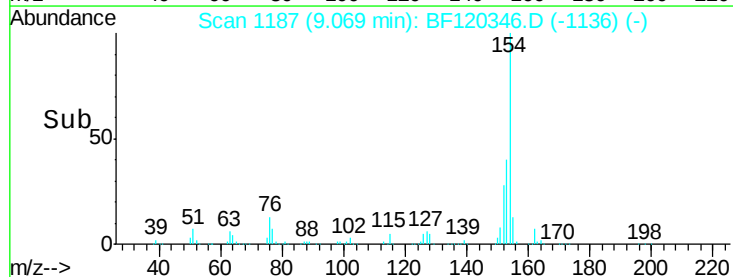
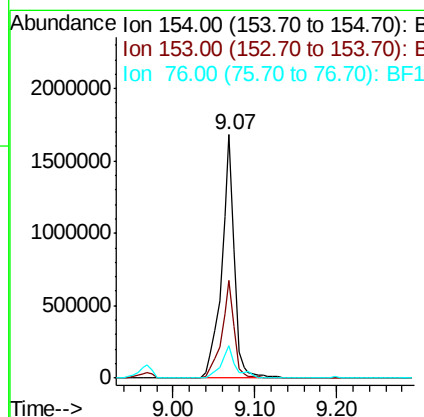
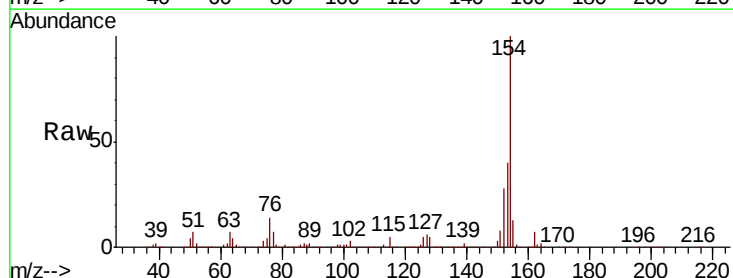
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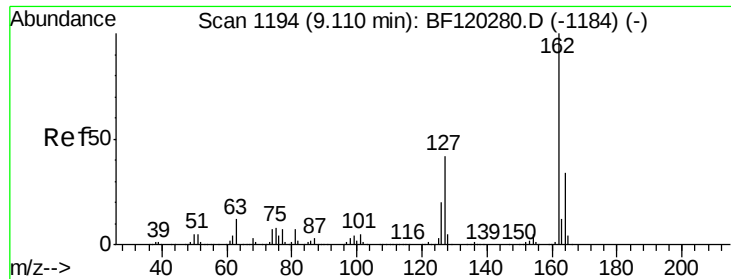
mohammad
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#46
1,1'-Biphenyl
Concen: 49.151 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.8	60.8
76	13.5	0.0	34.3





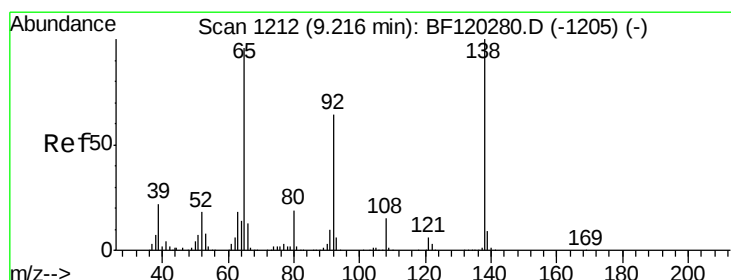
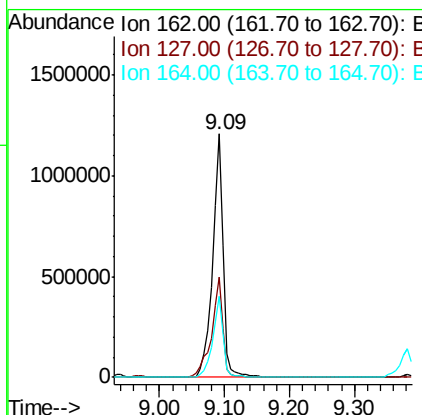
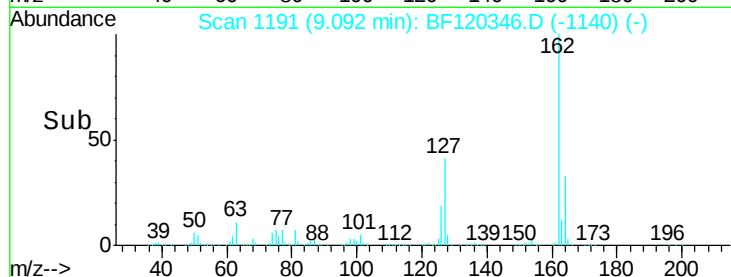
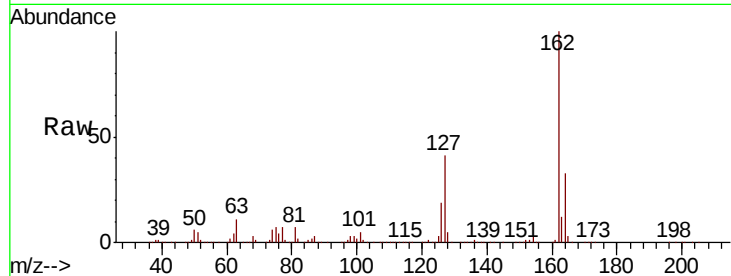
#47
 2-Chloronaphthalene
 Concen: 45.687 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF120346.D
 Acq: 18 May 2020 17:18

Instrument :
 BNA_F
 ClientSampleId :
 PB128946BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.2	33.4	50.0
164	33.3	27.0	40.6

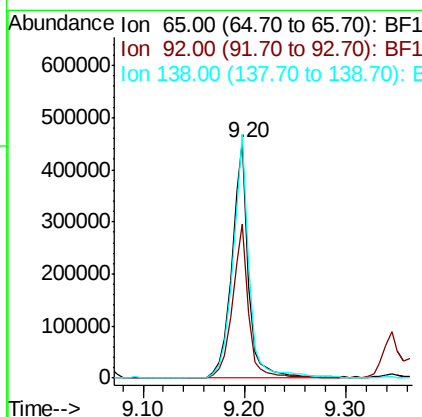
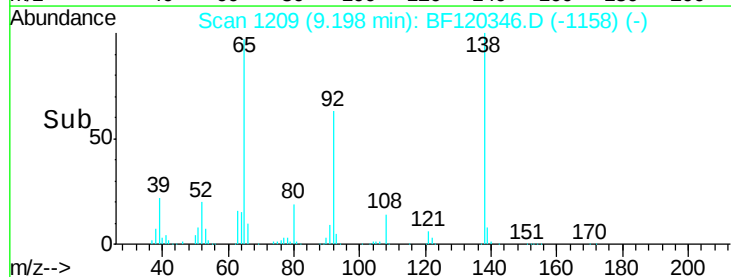
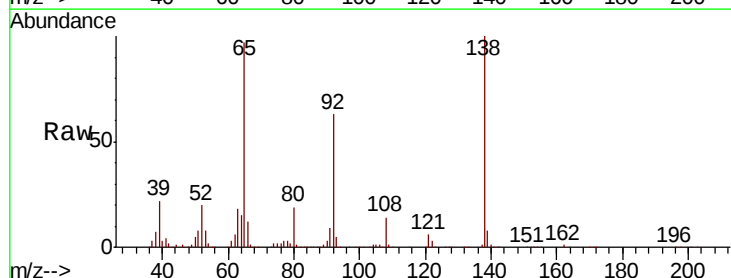
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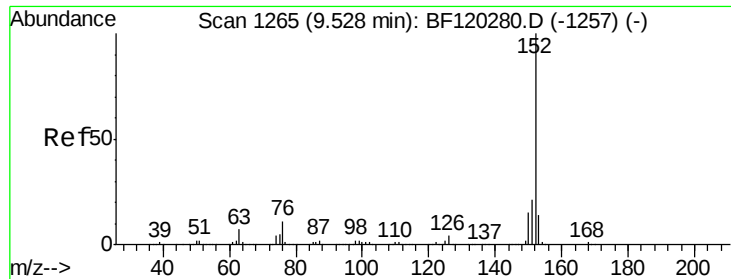
mohammad
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#48
 2-Nitroaniline
 Concen: 47.139 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF120346.D
 Acq: 18 May 2020 17:18

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.2	52.9	79.3
138	103.3	83.0	124.4





#49

Acenaphthylene

Concen: 49.128 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BF120346.D

Acq: 18 May 2020 17:18

Instrument :

BNA_F

ClientSampleId :

PB128946BS

Tot Ion:152 Resp: 2239036

Ion Ratio Lower Upper

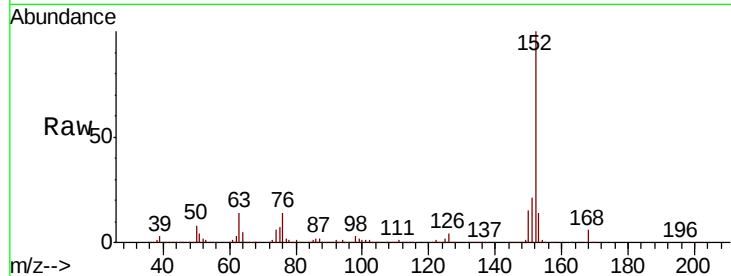
152 100

151 20.6 16.6 25.0

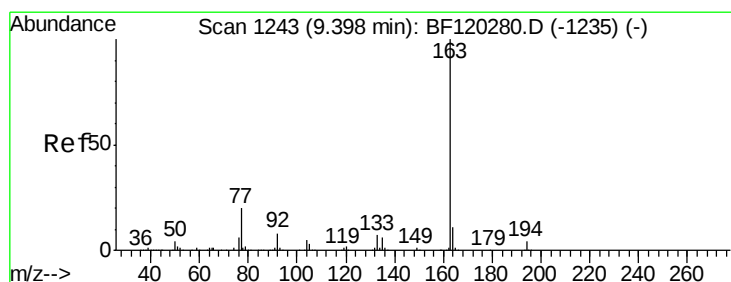
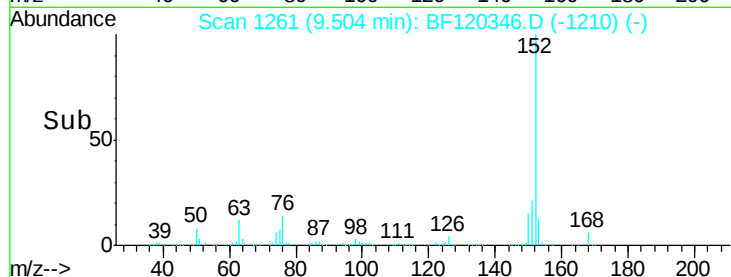
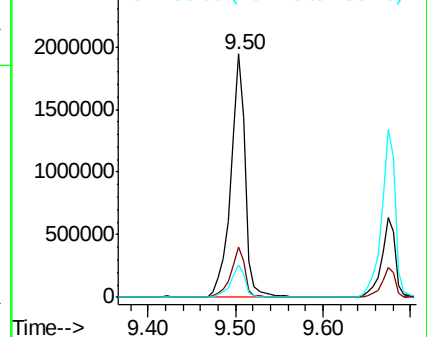
153 13.5 11.1 16.7

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.042 ng

RT: 9.38 min Scan# 1240

Delta R.T. -0.00 min

Lab File: BF120346.D

Acq: 18 May 2020 17:18

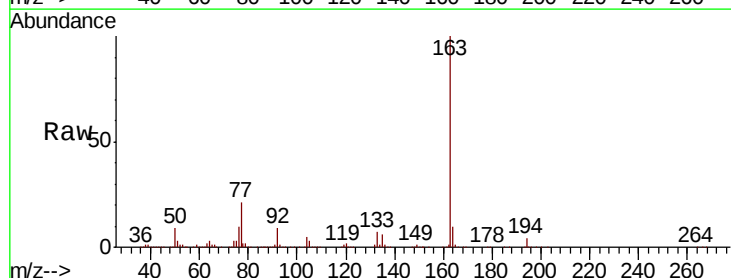
Tgt Ion:163 Resp: 1652267

Ion Ratio Lower Upper

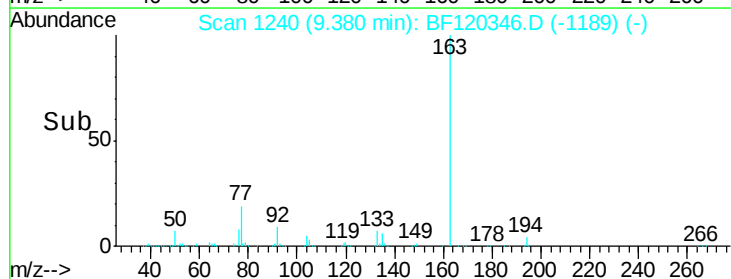
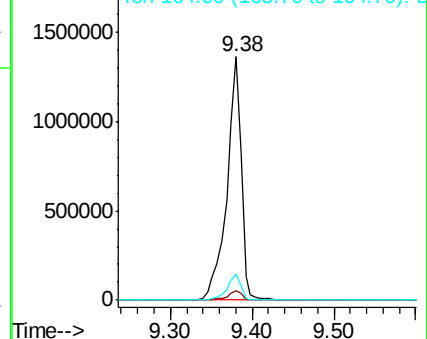
163 100

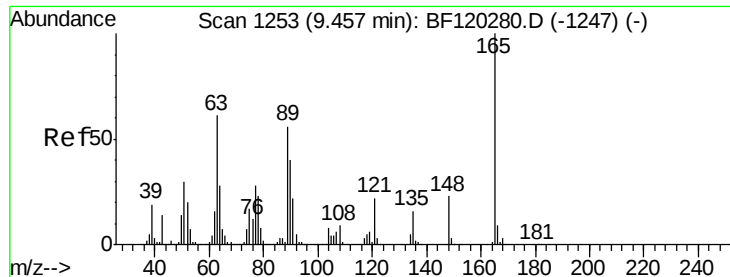
194 4.1 3.1 4.7

164 10.5 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





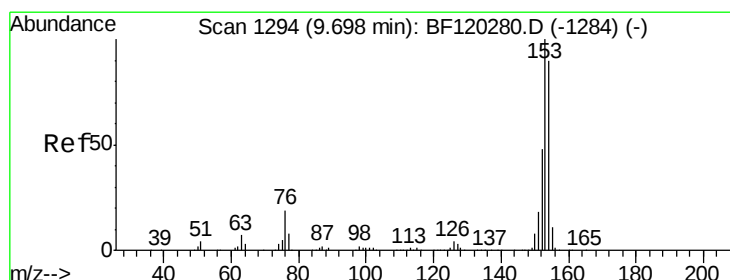
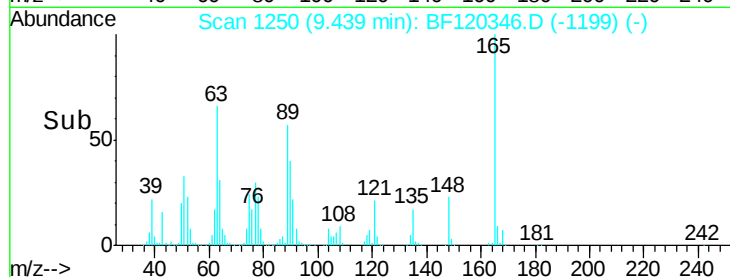
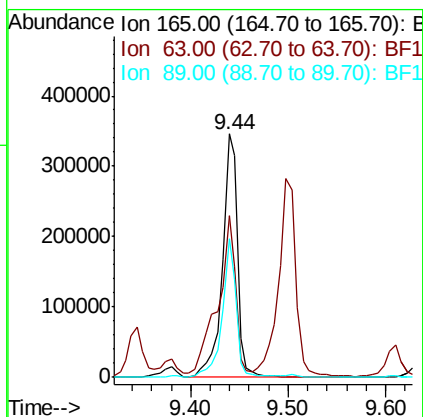
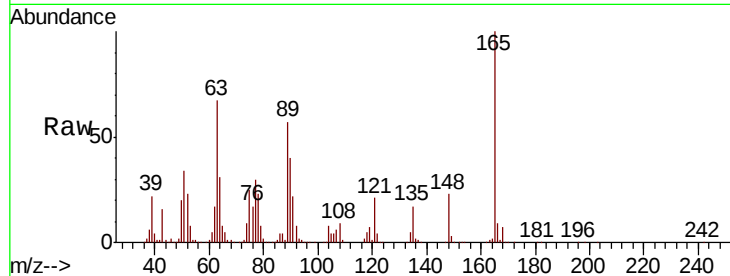
#51
2,6-Dinitrotoluene
Concen: 46.546 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Instrument :
BNA_F
ClientSampleId :
PB128946BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	372804		
63	66.7	50.2	75.2	
89	57.2	44.6	66.8	

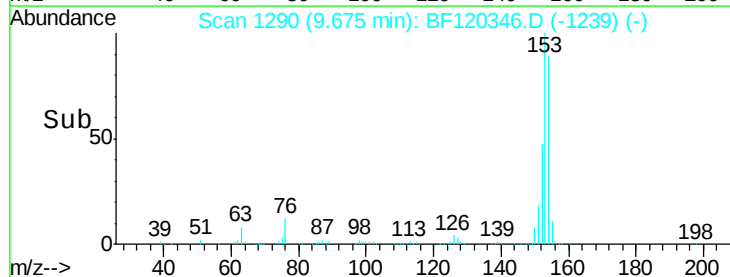
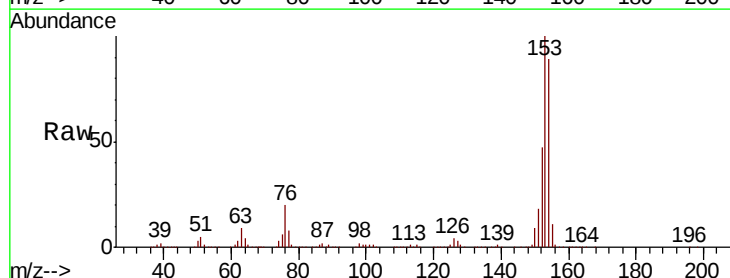
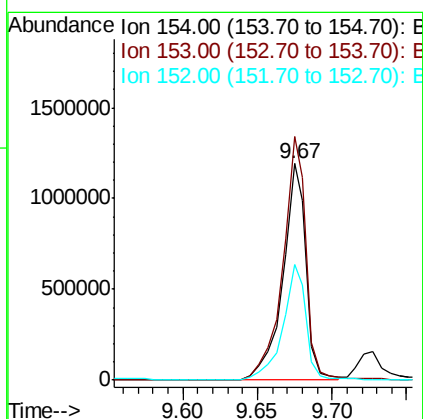
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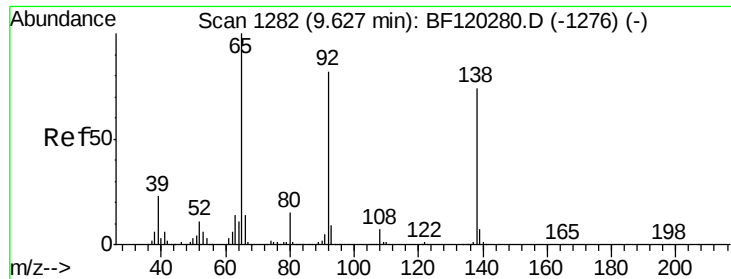
mohammad
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#52
Acenaphthene
Concen: 47.648 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1301668		
153	112.5	89.0	133.4	
152	53.4	42.6	64.0	





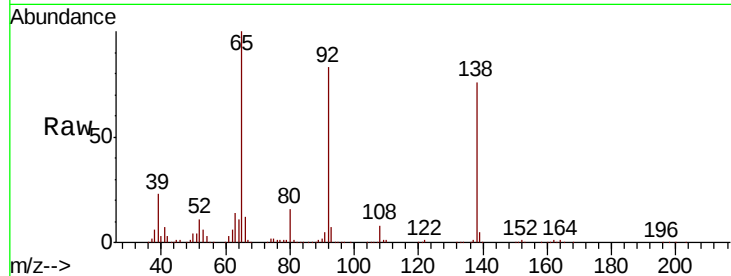
#53
3-Nitroaniline
Concen: 29.111 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Instrument :
BNA_F
ClientSampleId :
PB128946BS

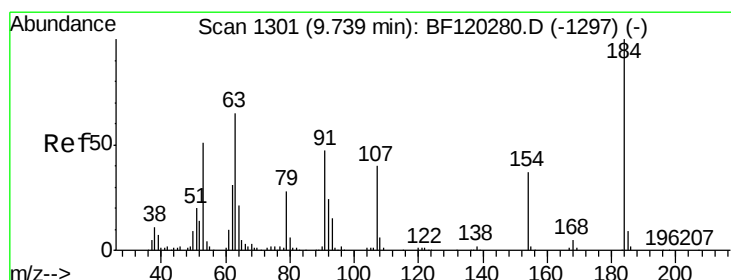
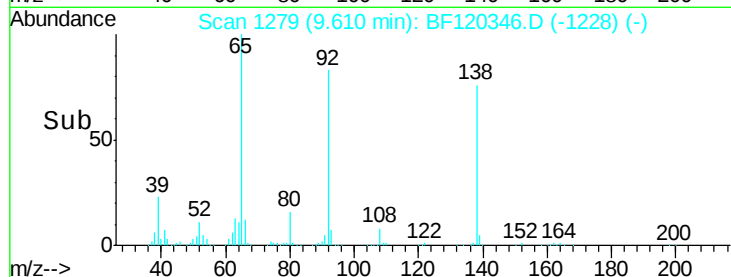
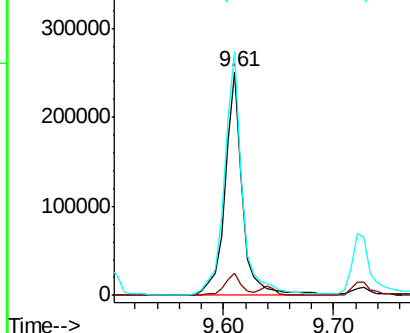
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.2	12.2
92	109.1	89.6	134.4

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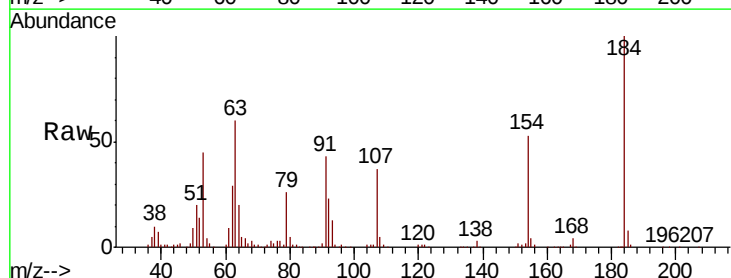


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

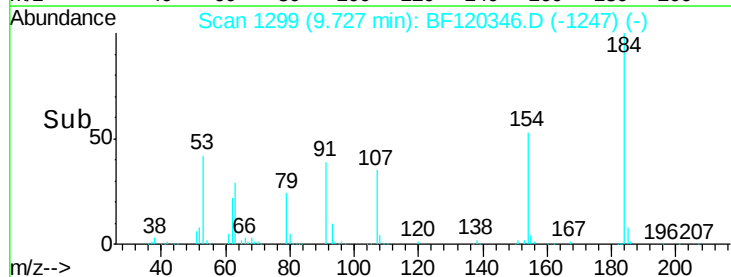
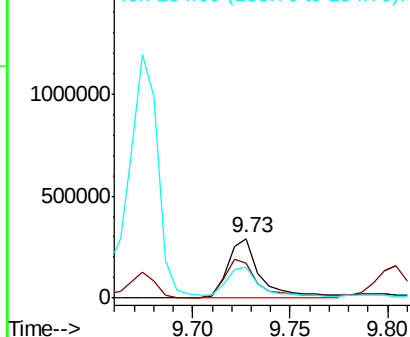


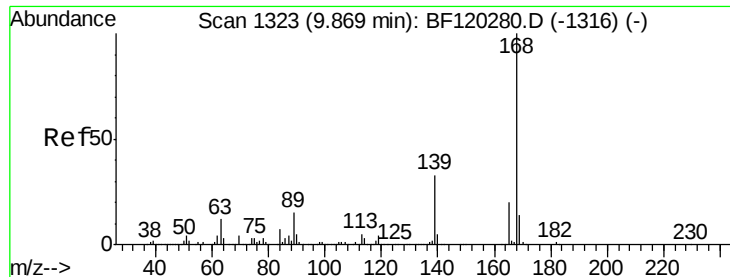
#54
2,4-Dinitrophenol
Concen: 91.691 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.8	53.6	80.4
154	53.3	46.8	70.2



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





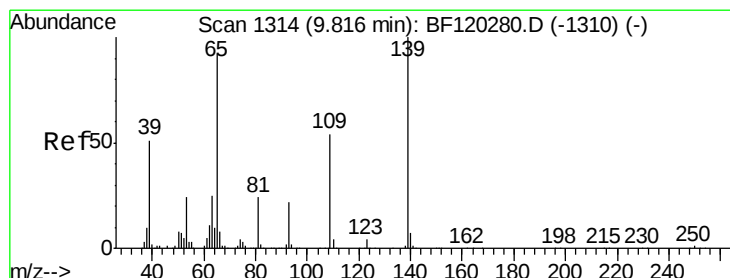
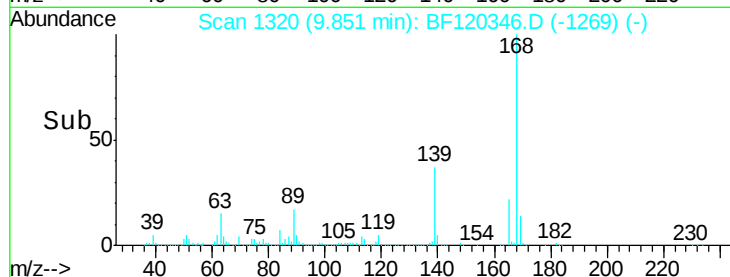
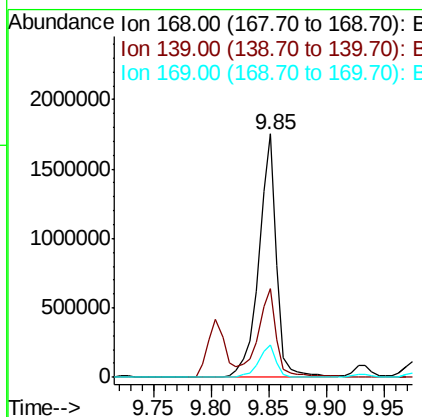
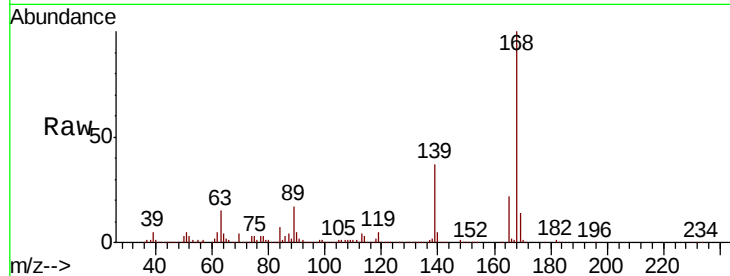
#55
Dibenzenofuran
Concen: 47.603 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Instrument :
BNA_F
ClientSampleId :
PB128946BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.5	29.8	44.6
169	13.6	11.0	16.6

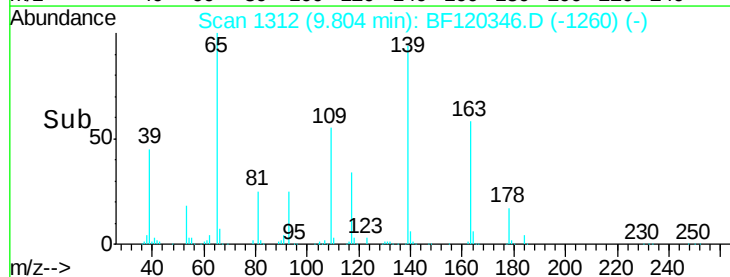
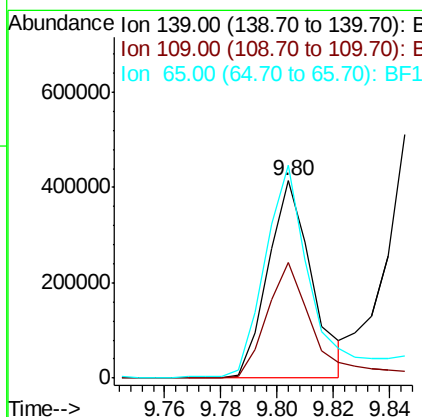
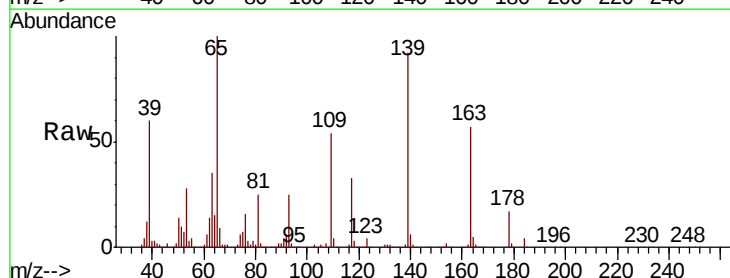
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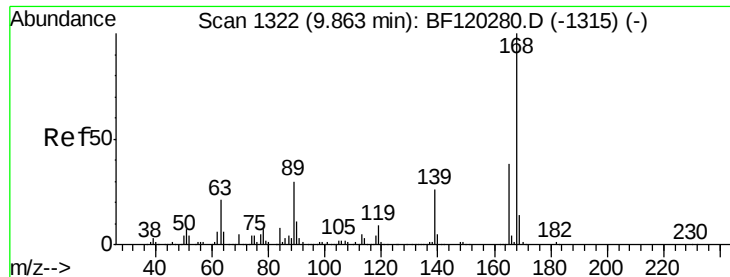
mohammad
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#56
4-Nitrophenol
Concen: 86.580 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Tgt Ion	Ratio	Lower	Upper
139	100		
109	58.7	34.6	74.6
65	108.4	73.3	113.3





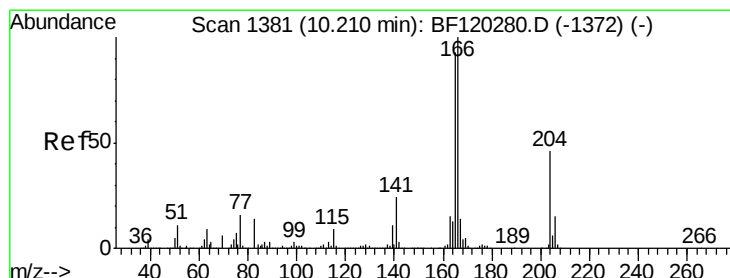
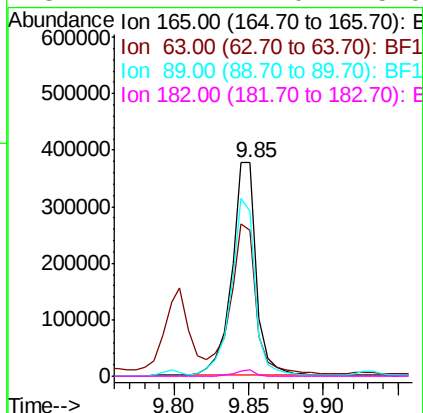
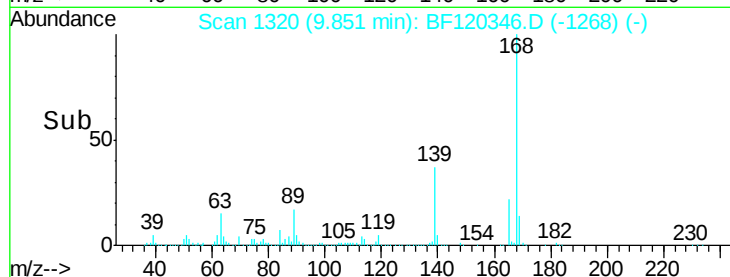
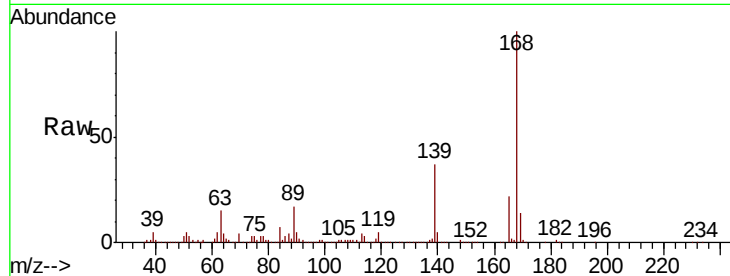
#57
2,4-Dinitrotoluene
Concen: 46.510 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Instrument :
BNA_F
ClientSampleId :
PB128946BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	68.2	51.8	77.8	
89	77.4	64.2	96.4	
182	2.7	2.0	3.0	

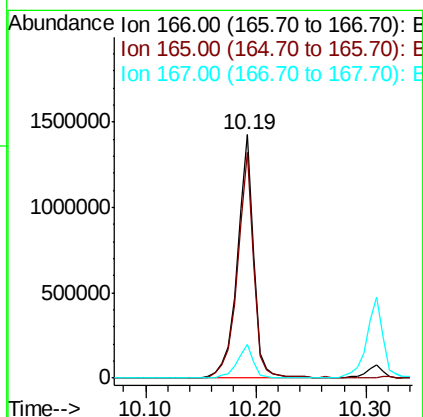
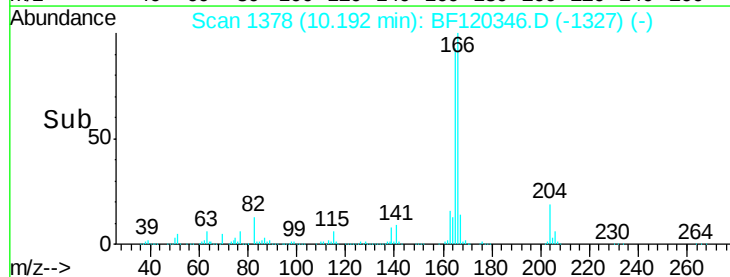
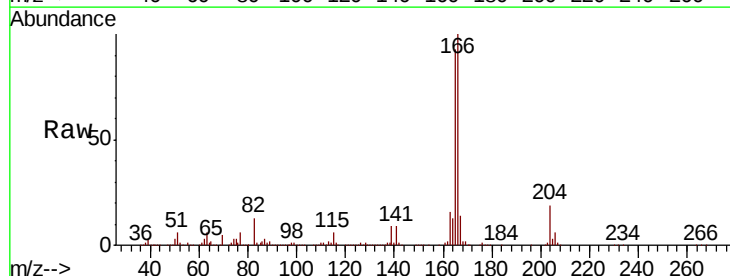
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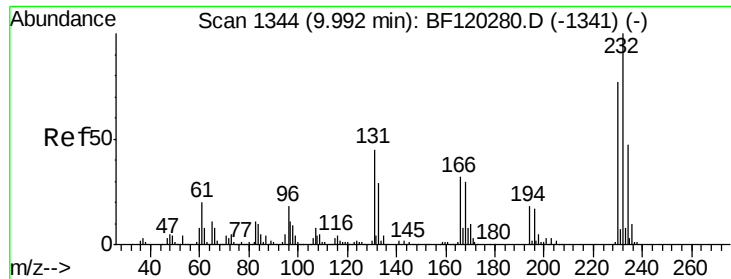
mohammad
5/19/2020 3:05:15 PM



#58
Fluorene
Concen: 49.599 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	92.9	74.7	112.1	
167	13.7	11.4	17.0	





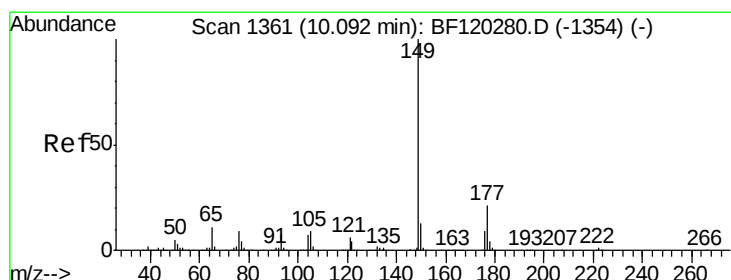
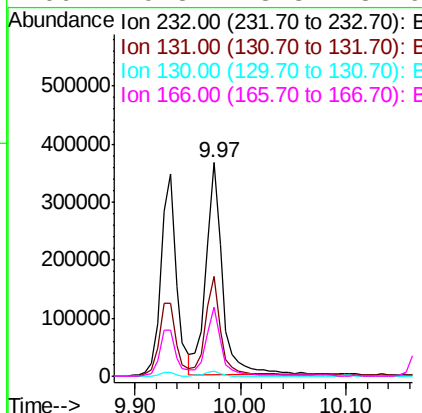
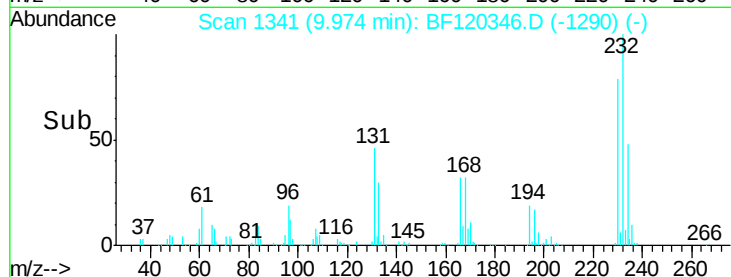
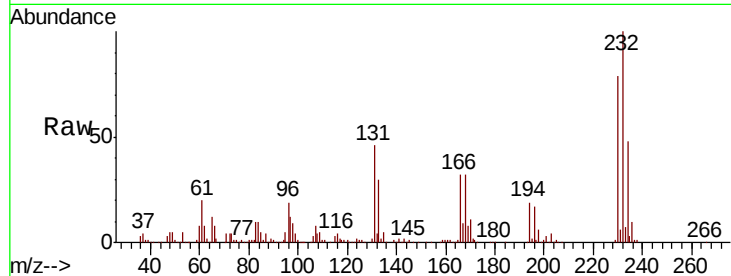
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.216 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: BF120346.D
 Acq: 18 May 2020 17:18

Instrument :
 BNA_F
 ClientSampleId :
 PB128946BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.6	34.1	51.1
130	2.1	1.7	2.5
166	29.3	23.3	34.9

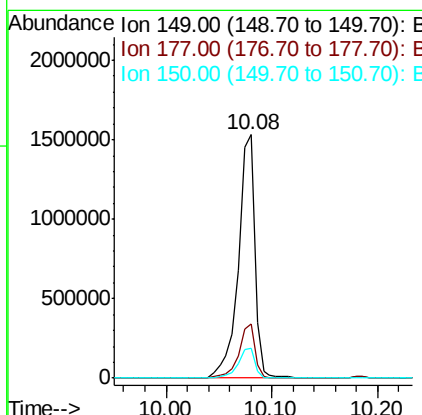
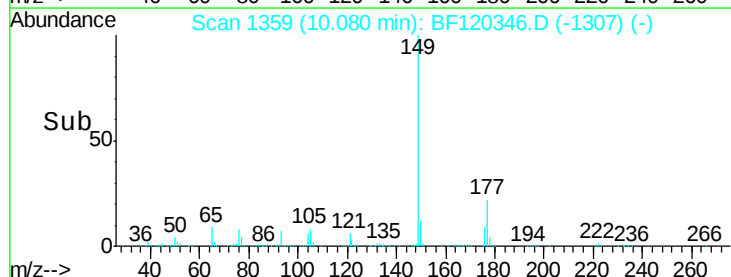
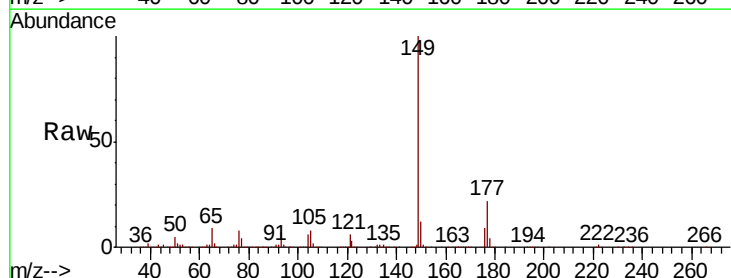
Manual Integrations
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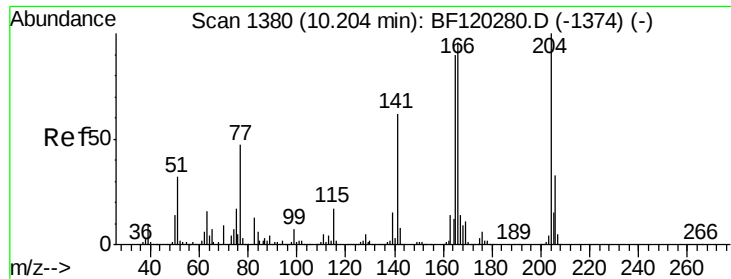
mohammad
 5/19/2020 3:05:15 PM



#60
 Diethylphthalate
 Concen: 47.613 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. 0.01 min
 Lab File: BF120346.D
 Acq: 18 May 2020 17:18

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.1	25.7
150	12.3	10.3	15.5





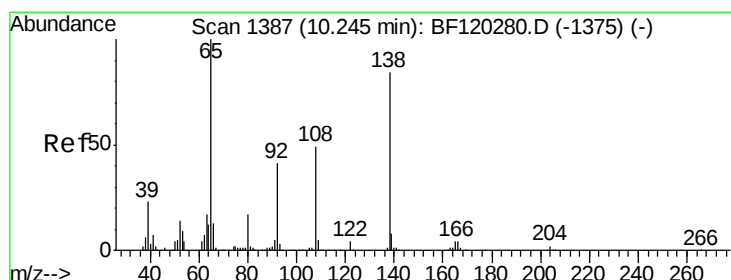
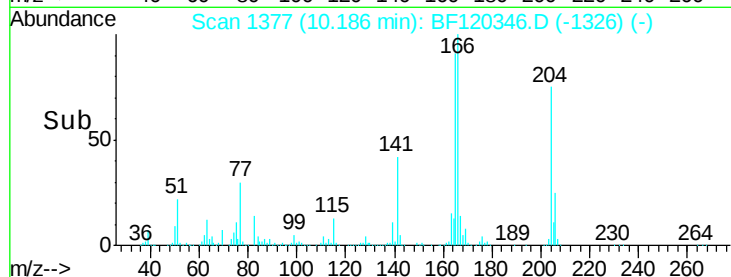
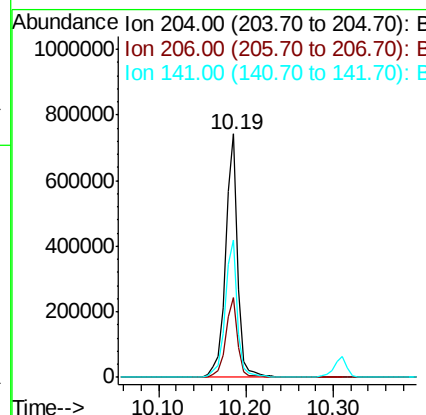
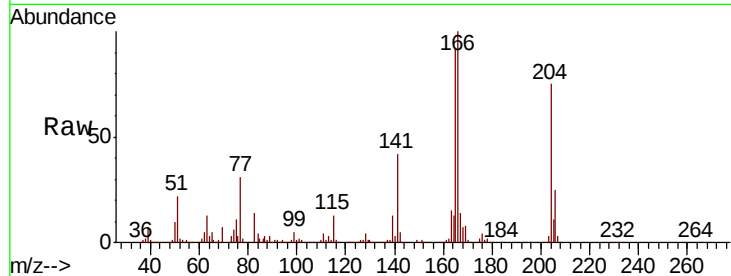
#61
4-Chlorophenyl-phenylether
Concen: 45.822 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Instrument :
BNA_F
ClientSampleId :
PB128946BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.8	40.2
141	56.2	49.5	74.3

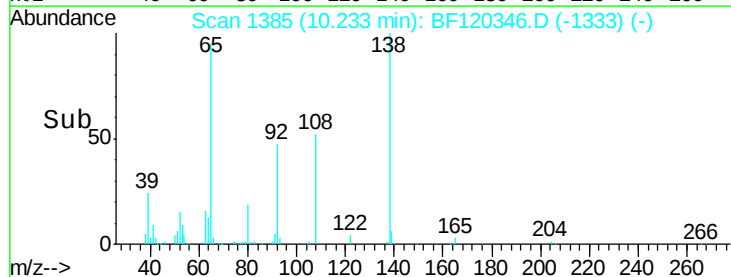
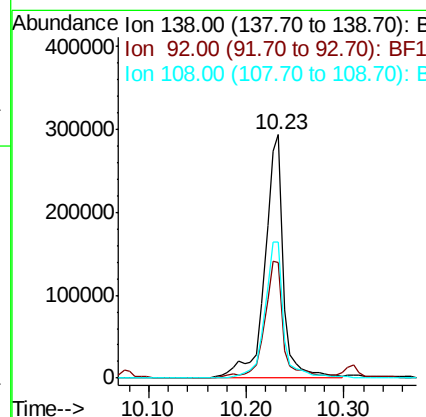
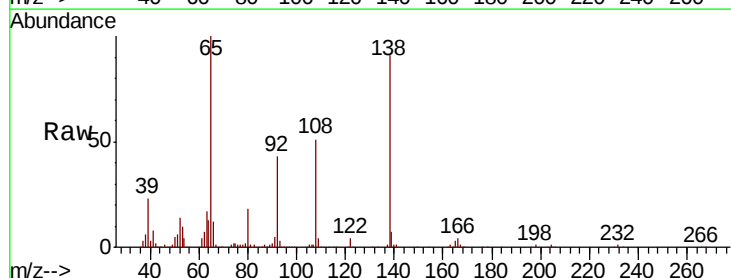
Manual Integrations
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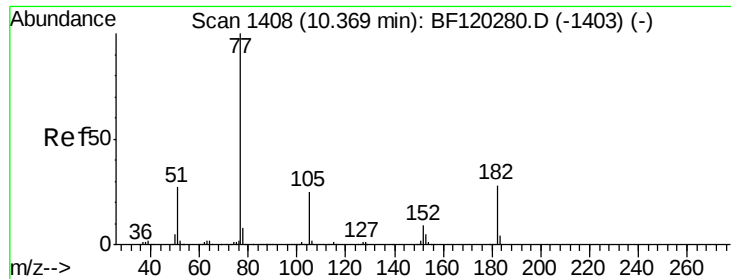
mohammad
5/19/2020 3:05:15 PM



#62
4-Nitroaniline
Concen: 44.802 ng
RT: 10.23 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.4	28.9	68.9
108	56.2	38.4	78.4





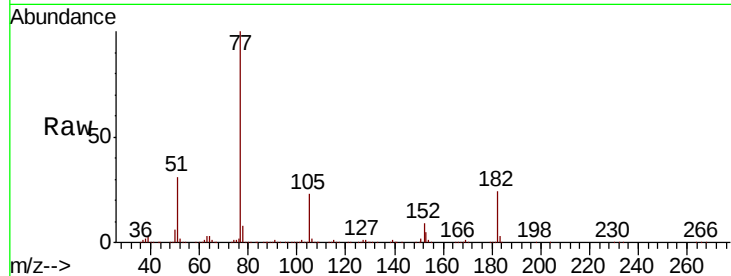
#63
Azobenzene
Concen: 46.797 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Instrument :
BNA_F
ClientSampleId :
PB128946BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.3	7.4	47.4
105	23.3	4.4	44.4
51	31.5	8.3	48.3

Manual Integrations
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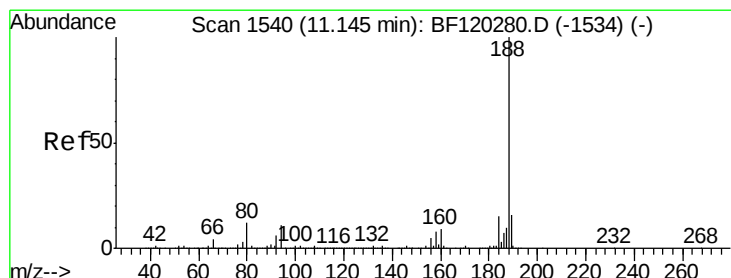
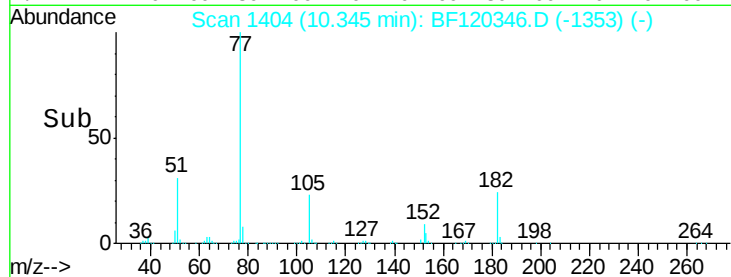
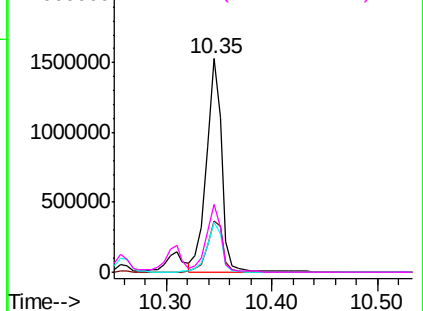


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

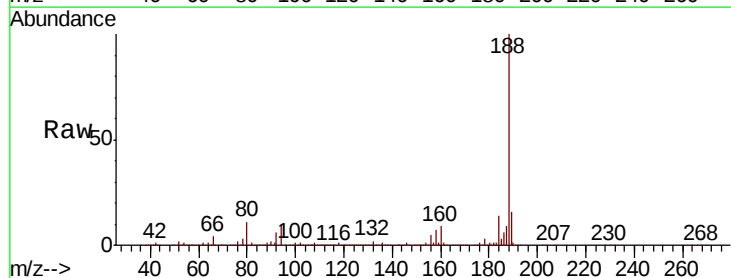
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

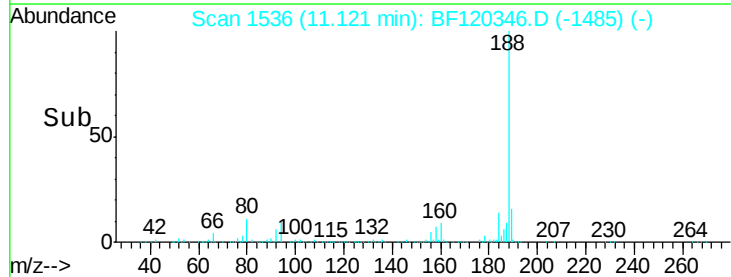
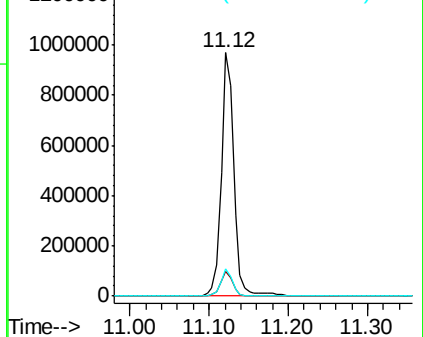
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.6	13.0
80	11.0	9.2	13.8

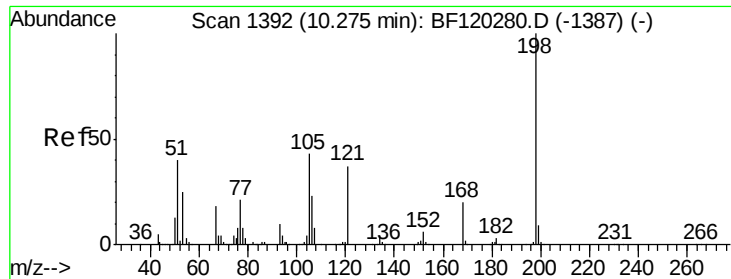


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





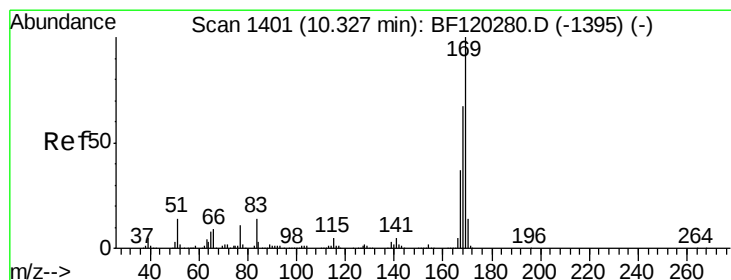
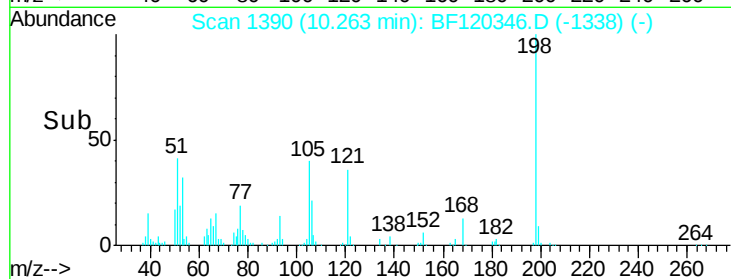
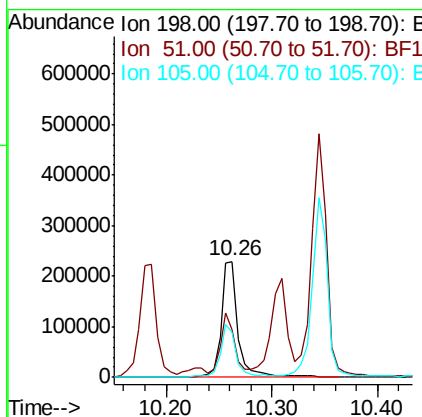
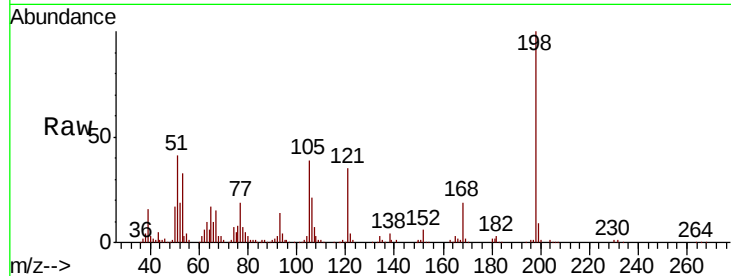
#65
4,6-Dinitro-2-methylphenol
Concen: 48.089 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Instrument :
BNA_F
ClientSampleId :
PB128946BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	258351		
51	41.5	27.1	67.1	
105	39.4	24.3	64.3	

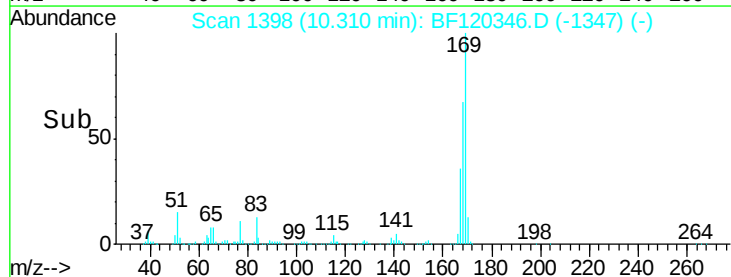
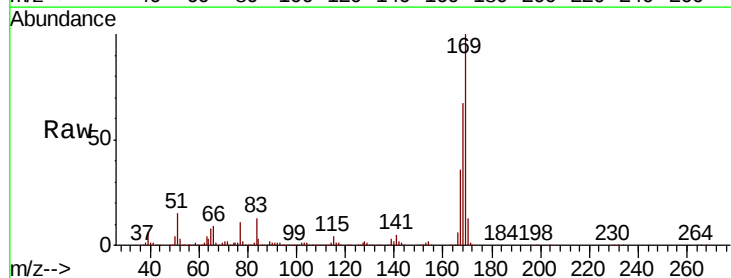
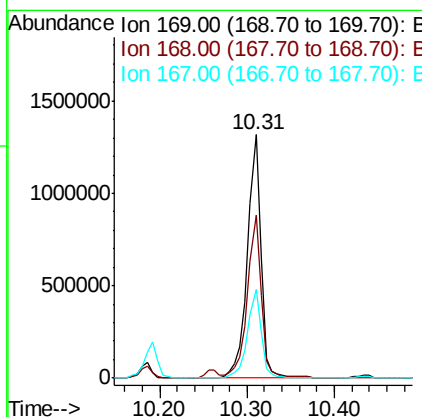
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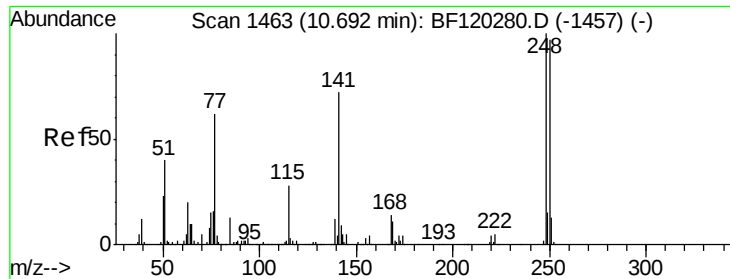
mohammad
5/19/2020 3:05:15 PM



#66
n-Nitrosodiphenylamine
Concen: 46.346 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1362082		
168	66.9	53.7	80.5	
167	36.3	29.8	44.6	





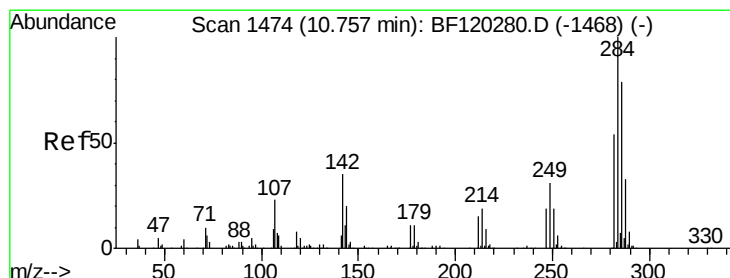
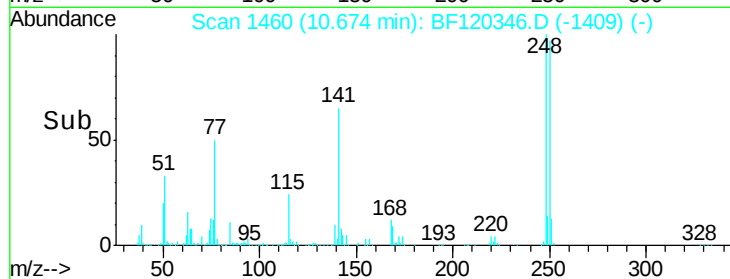
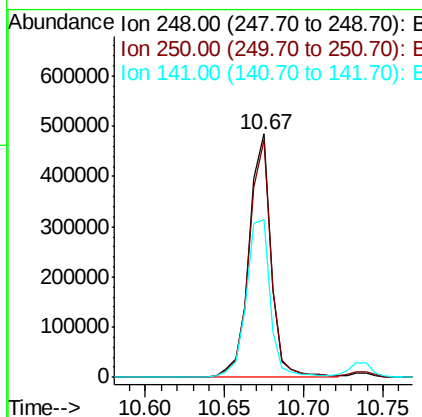
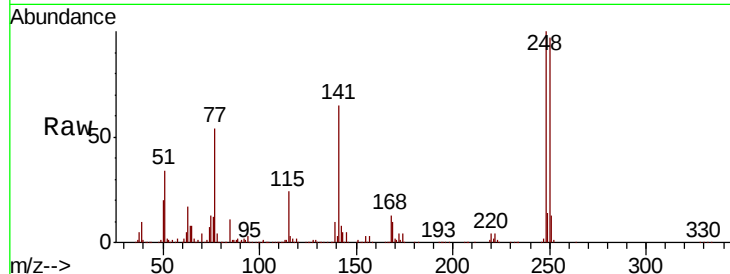
#67
4-Bromophenyl-phenylether
Concen: 45.418 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Instrument :
BNA_F
ClientSampleId :
PB128946BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.8	116.6
141	64.8	57.7	86.5

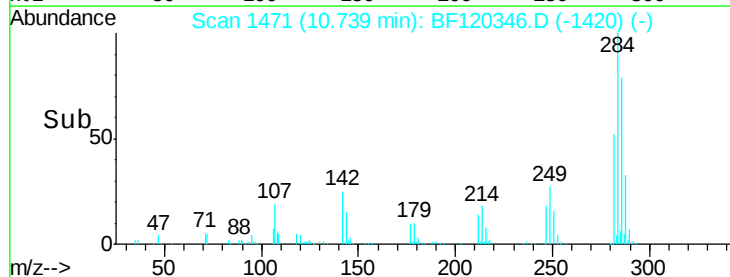
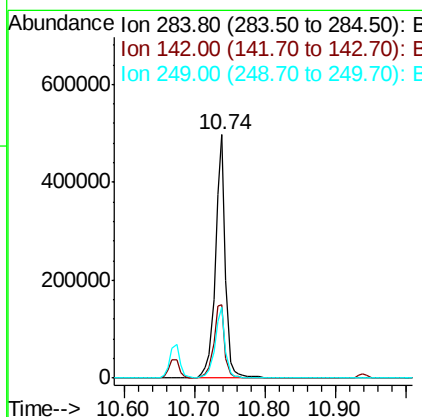
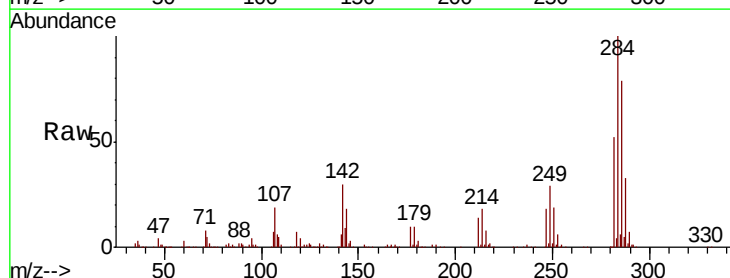
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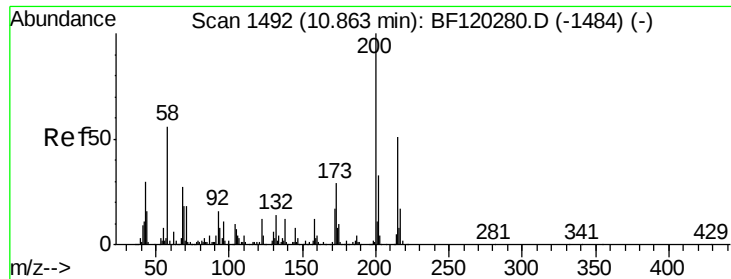
mohammad
5/19/2020 3:05:15 PM



#68
Hexachlorobenzene
Concen: 45.834 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.00 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.4	28.5	42.7
249	29.3	24.8	37.2





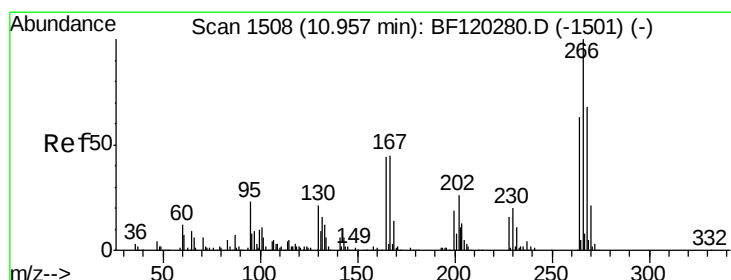
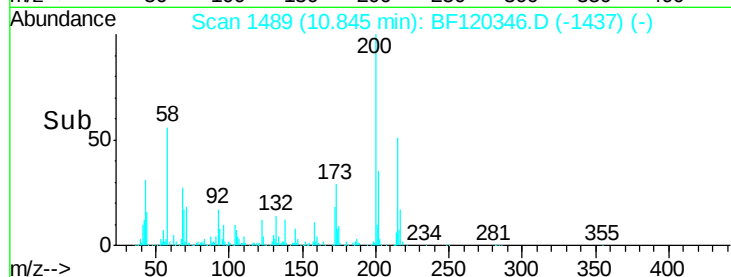
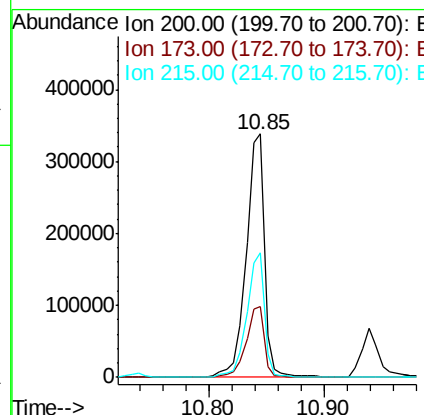
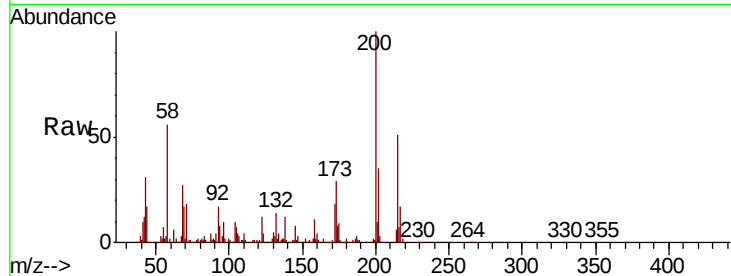
#69
Atrazine
Concen: 42.281 ng
RT: 10.85 min Scan# 1489
Delta R.T. 0.01 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Instrument :
BNA_F
ClientSampleId :
PB128946BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.2	8.7	48.7
215	51.4	30.6	70.6

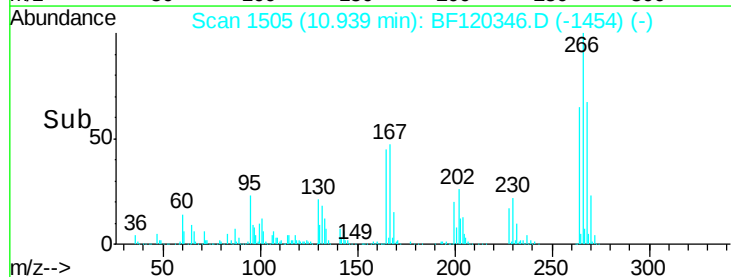
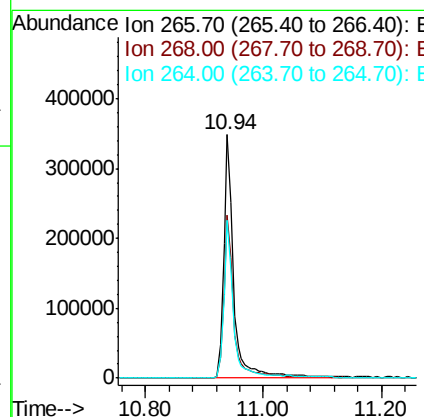
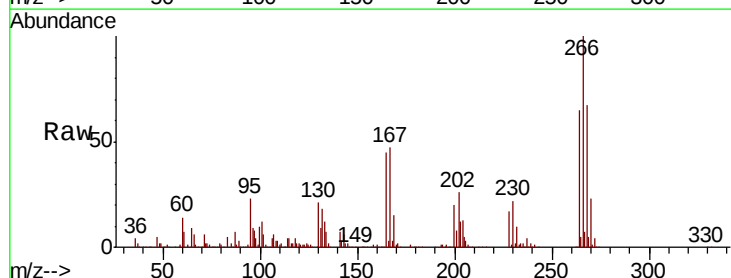
Manual Integrations
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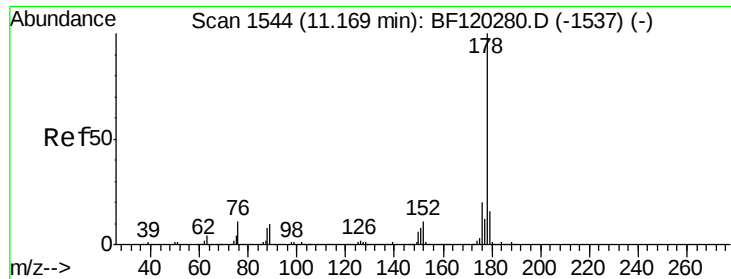
mohammad
5/19/2020 3:05:15 PM



#70
Pentachlorophenol
Concen: 90.879 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.2	54.2	81.4
264	64.6	50.2	75.4





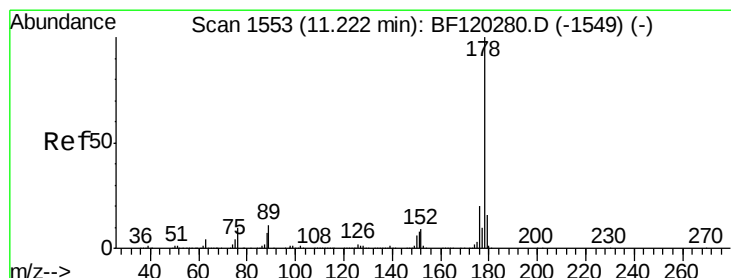
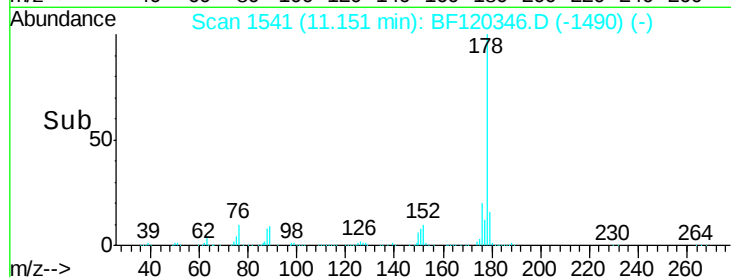
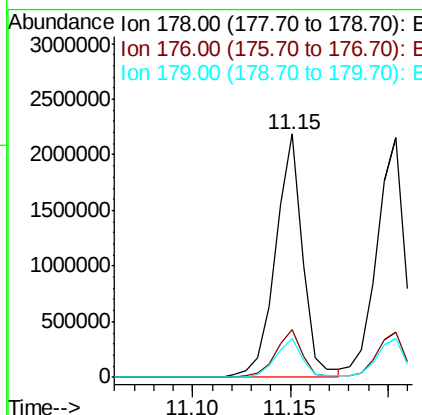
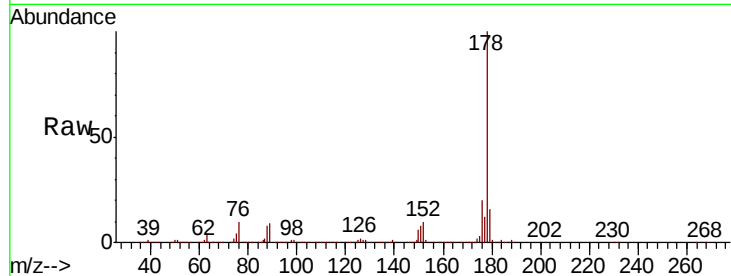
#71
Phenanthrene
Concen: 47.269 ng
RT: 11.15 min Scan# 1541
Delta R.T. -0.00 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Instrument :
BNA_F
ClientSampleId :
PB128946BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	16.1	12.8	19.2

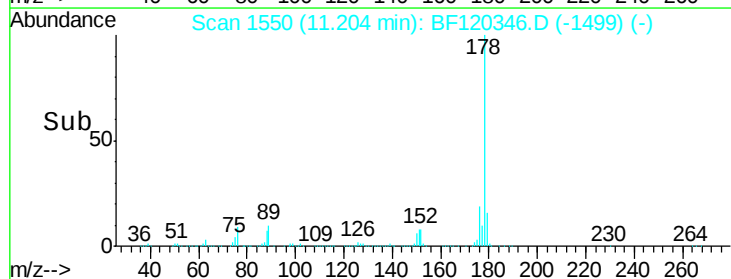
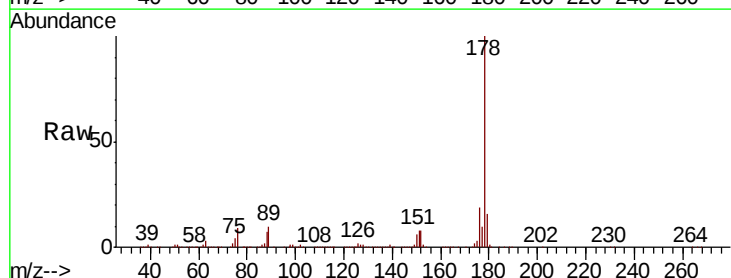
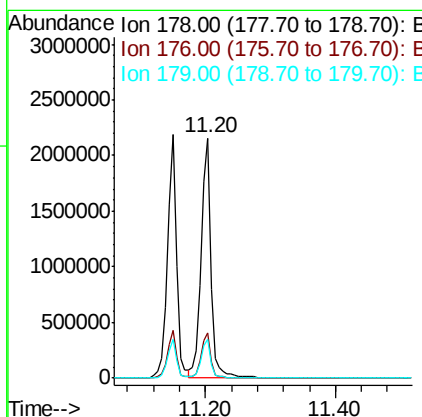
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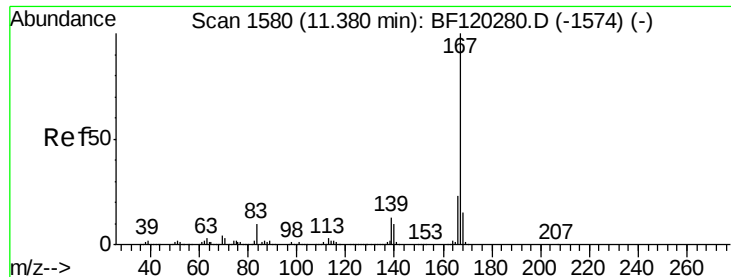
mohammad
5/19/2020 3:05:15 PM



#72
Anthracene
Concen: 47.701 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.7	23.5
179	15.9	13.0	19.6





#73

Carbazole

Concen: 46.398 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BF120346.D

Acq: 18 May 2020 17:18

Instrument :

BNA_F

ClientSampleId :

PB128946BS

Tot Ion:167 Resp: 2071626

Ion Ratio Lower Upper

167 100

166 22.5 18.1 27.1

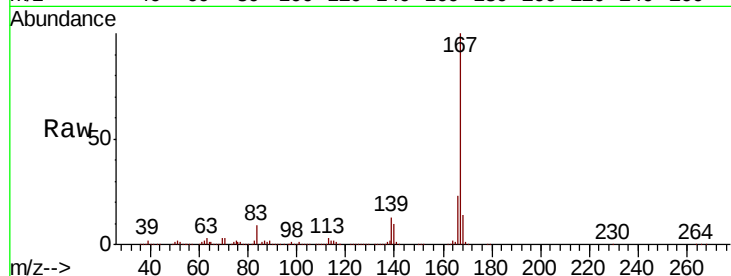
139 12.6 10.6 15.8

Manual Integrations

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mohammad

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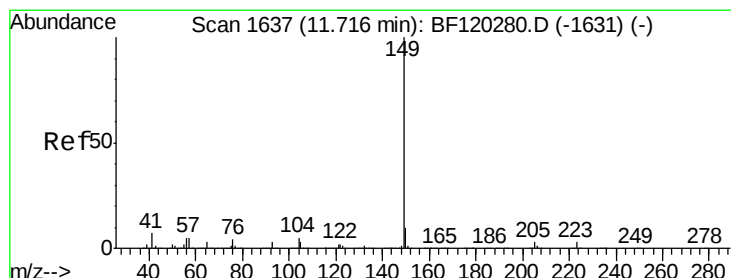
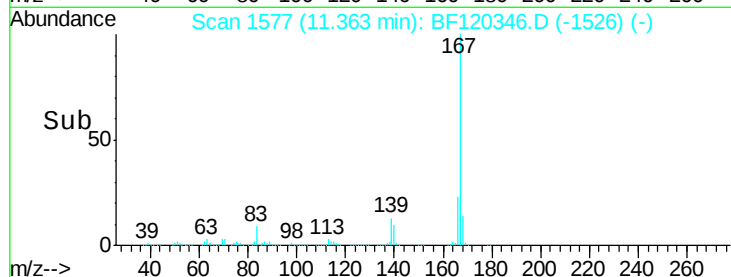
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

11.36

Time-->



#74

Di-n-butylphthalate

Concen: 47.158 ng

RT: 11.69 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BF120346.D

Acq: 18 May 2020 17:18

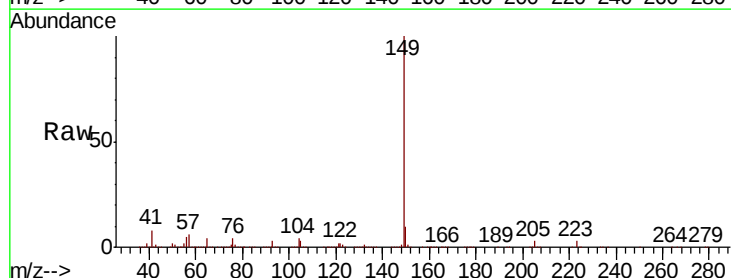
Tgt Ion:149 Resp: 2537630

Ion Ratio Lower Upper

149 100

150 10.1 8.2 12.4

104 4.5 3.8 5.8



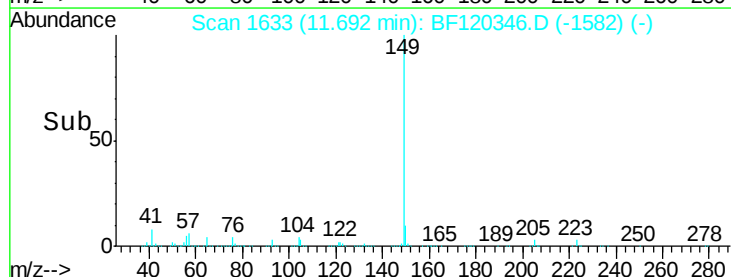
Abundance Ion 149.00 (148.70 to 149.70): E

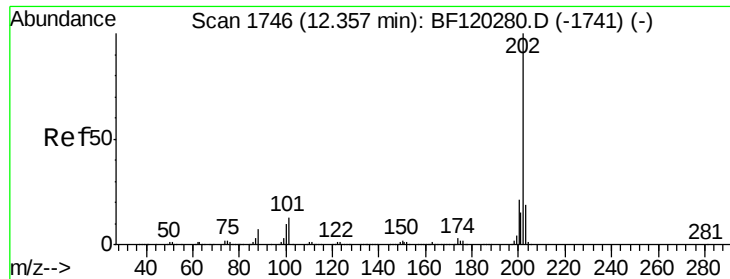
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

11.69

Time-->





#75

Fluoranthene

Concen: 48.564 ng

RT: 12.33 min Scan# 1742

Delta R.T. -0.00 min

Lab File: BF120346.D

Acq: 18 May 2020 17:18

Instrument :

BNA_F

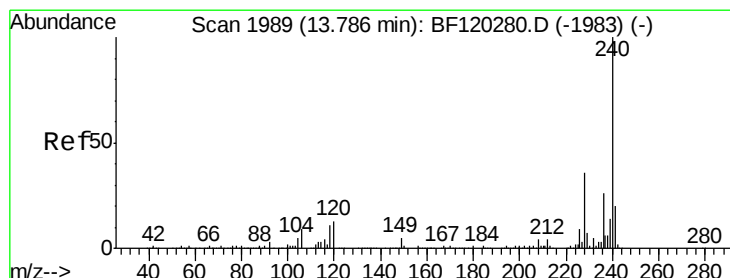
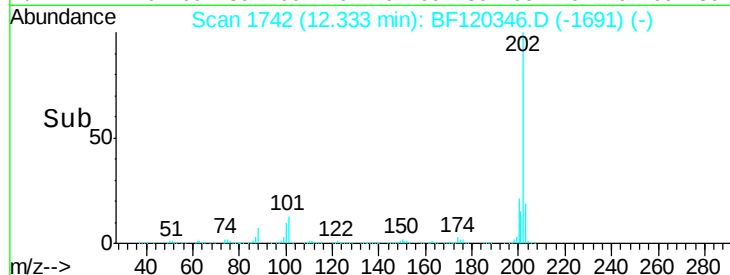
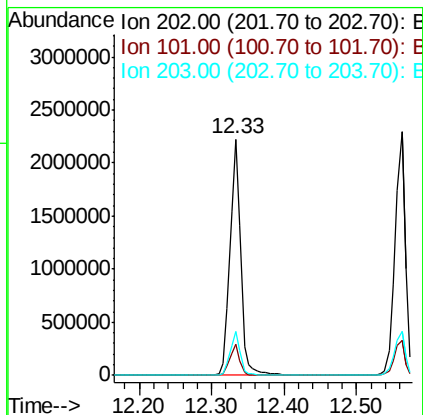
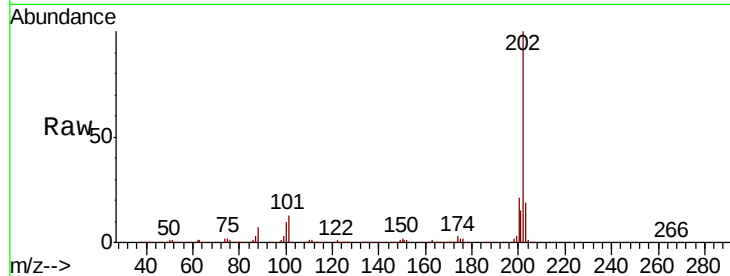
ClientSampleId :

PB128946BS

Tot Ion:	202	Resp:	2323486
Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	33.2
203	18.6	0.0	39.1

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

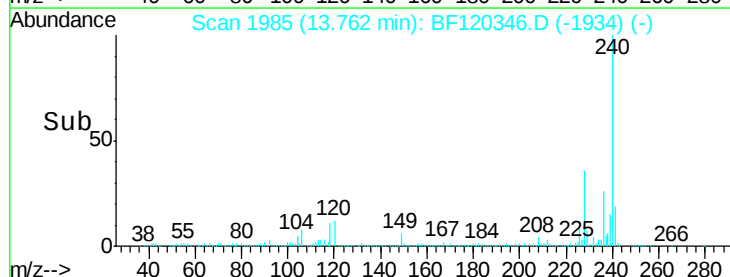
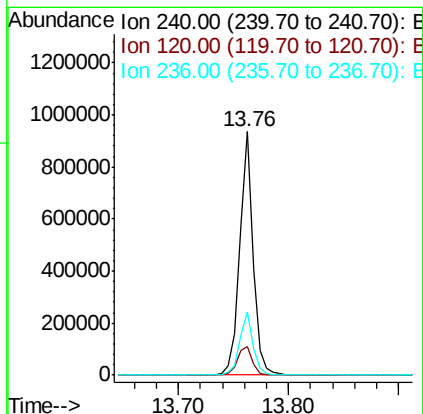
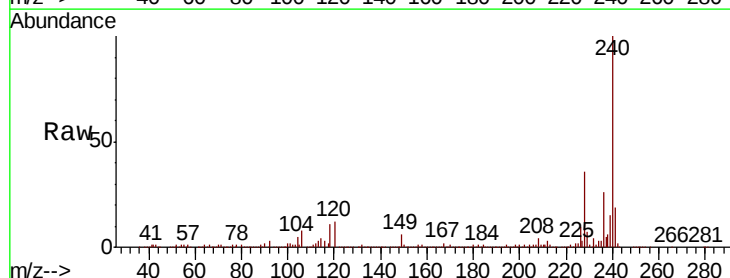
RT: 13.76 min Scan# 1985

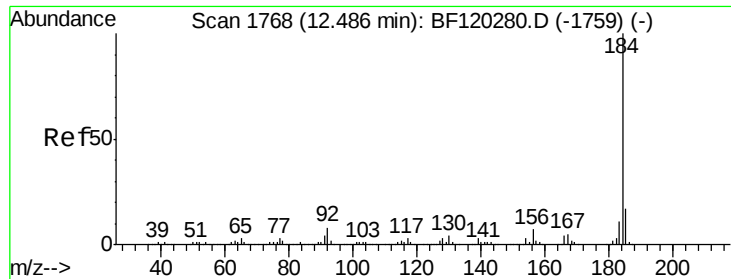
Delta R.T. -0.00 min

Lab File: BF120346.D

Acq: 18 May 2020 17:18

Tgt Ion:	240	Resp:	805329
Ion	Ratio	Lower	Upper
240	100		
120	11.9	10.4	15.6
236	26.1	21.0	31.6





#77

Benzidine

Concen: 53.849 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.00 min

Lab File: BF120346.D

Acq: 18 May 2020 17:18

Instrument :

BNA_F

ClientSampleId :

PB128946BS

Tot Ion:184 Resp: 1266359

Ion Ratio Lower Upper

184 100

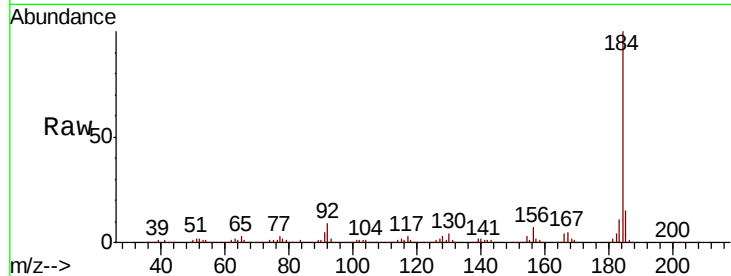
185 14.6 13.7 20.5

183 11.3 8.7 13.1

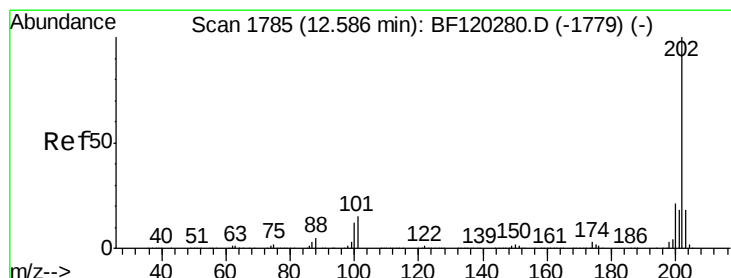
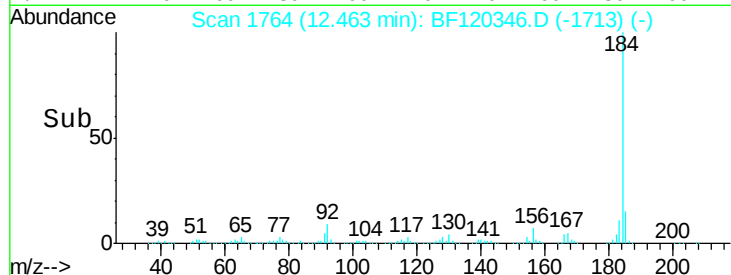
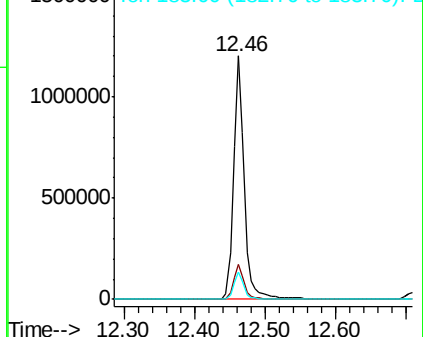
Manual Integrations
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.667 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF120346.D

Acq: 18 May 2020 17:18

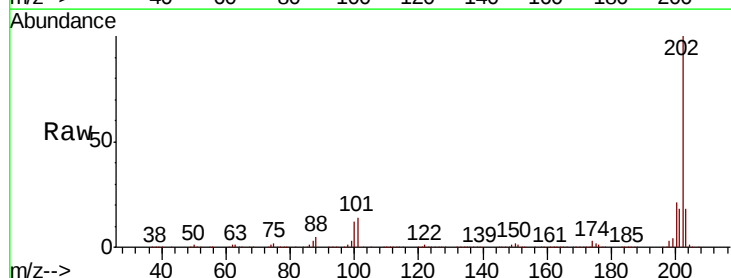
Tgt Ion:202 Resp: 2334758

Ion Ratio Lower Upper

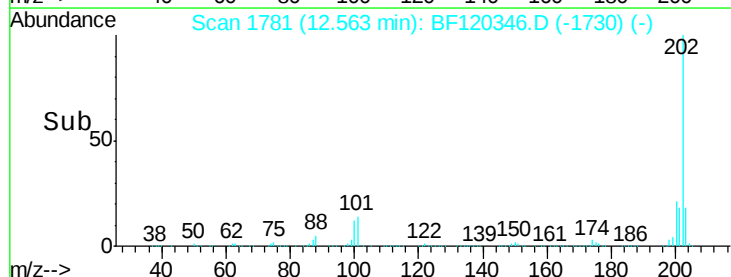
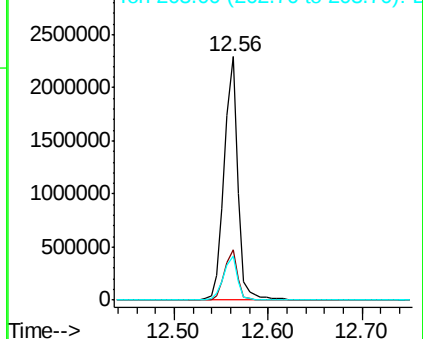
202 100

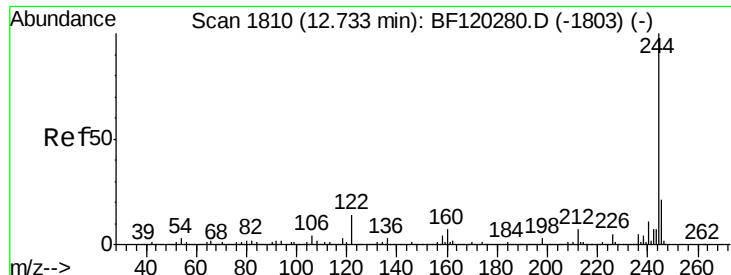
200 20.7 16.6 25.0

203 18.2 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





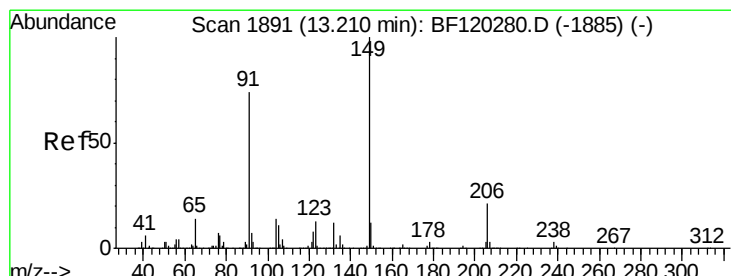
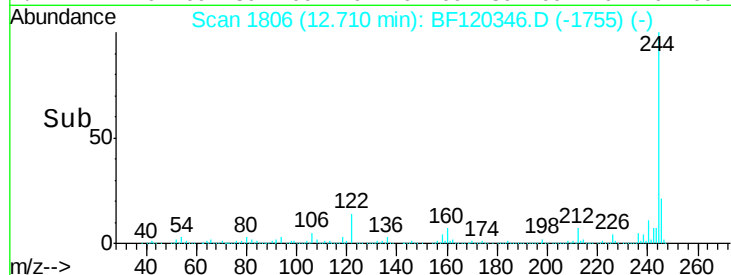
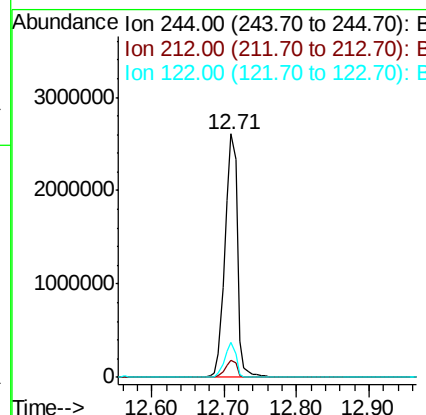
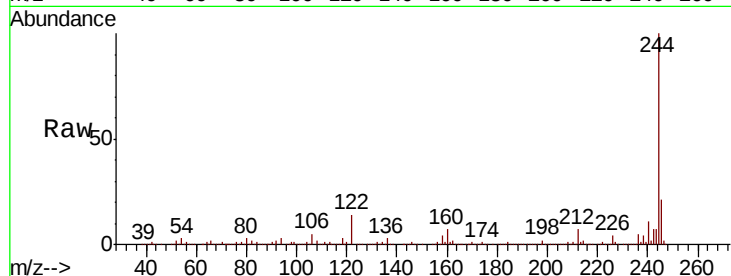
#79
 Terphenyl-d14
 Concen: 85.343 ng
 RT: 12.71 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BF120346.D
 Acq: 18 May 2020 17:18

Instrument :
 BNA_F
 ClientSampleId :
 PB128946BS

Tot Ion:244 Resp: 3111013
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 14.2 10.8 16.2

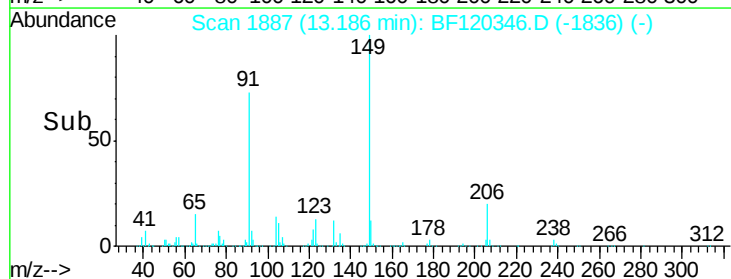
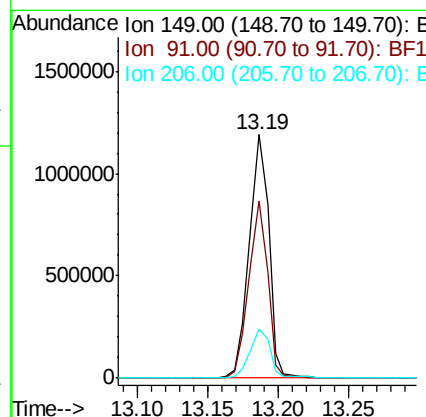
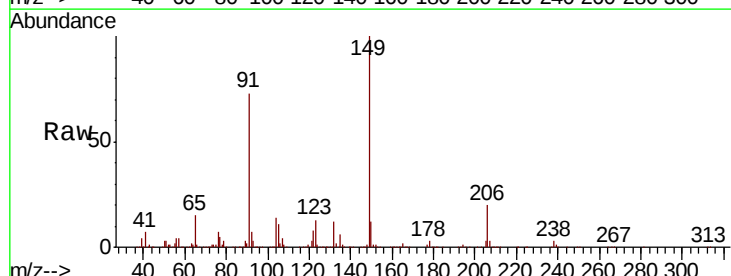
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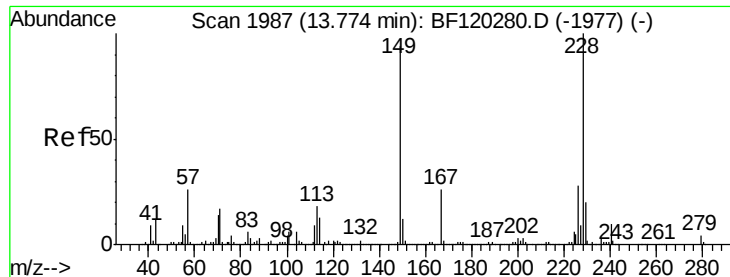
mohammad
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#80
 Butylbenzylphthalate
 Concen: 43.215 ng
 RT: 13.19 min Scan# 1887
 Delta R.T. -0.00 min
 Lab File: BF120346.D
 Acq: 18 May 2020 17:18

Tgt Ion:149 Resp: 1168302
 Ion Ratio Lower Upper
 149 100
 91 72.9 59.0 88.4
 206 20.2 16.8 25.2





#81

Benzo(a)anthracene

Concen: 46.285 ng

RT: 13.75 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BF120346.D

Acq: 18 May 2020 17:18

Instrument :

BNA_F

ClientSampleId :

PB128946BS

Tot Ion:228 Resp: 1965994

Ion Ratio Lower Upper

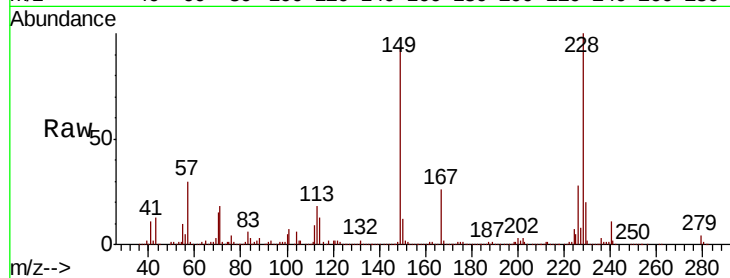
228 100

226 28.3 22.6 33.8

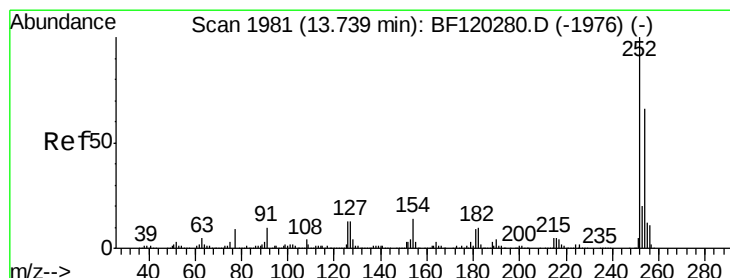
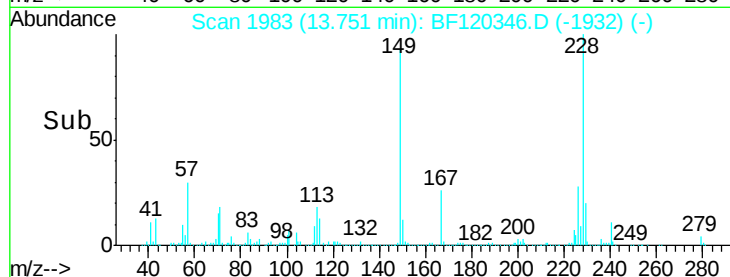
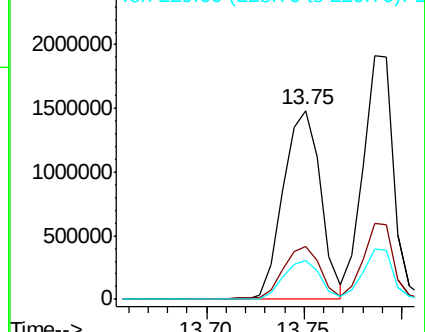
229 20.3 16.4 24.6

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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: 35.745 ng

RT: 13.72 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BF120346.D

Acq: 18 May 2020 17:18

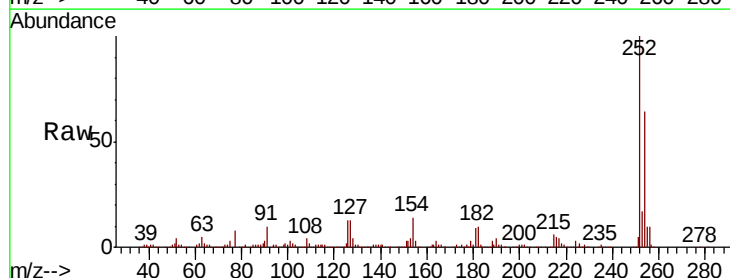
Tgt Ion:252 Resp: 572158

Ion Ratio Lower Upper

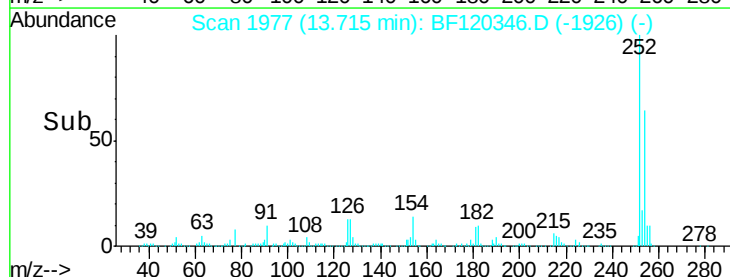
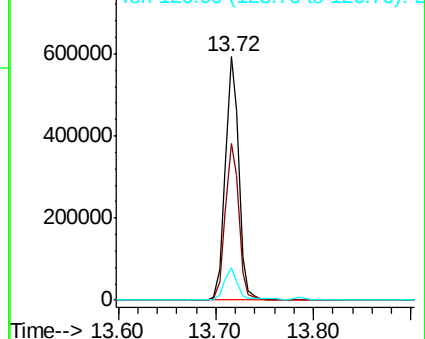
252 100

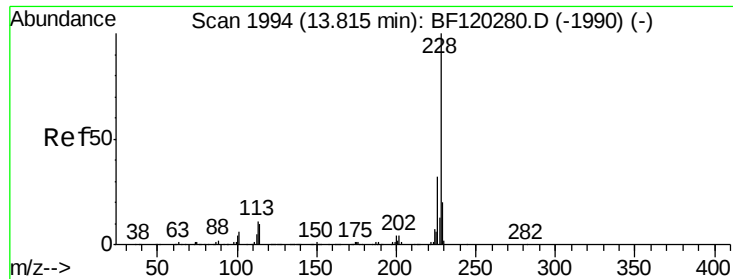
254 64.3 52.6 78.8

126 13.2 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





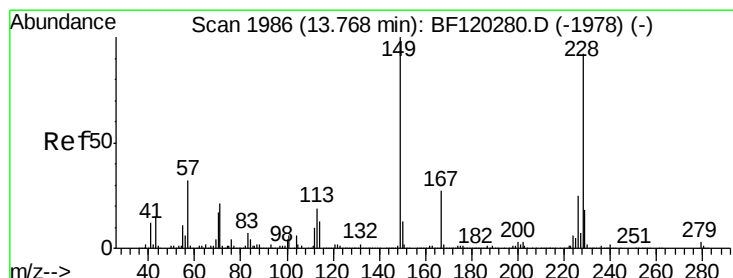
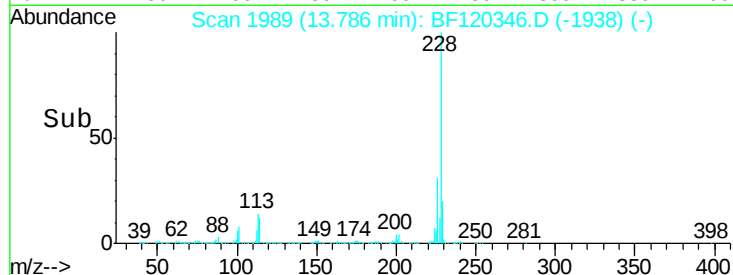
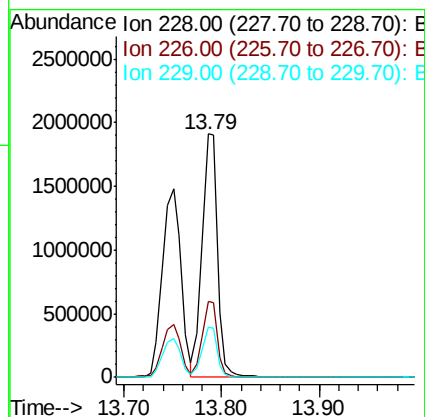
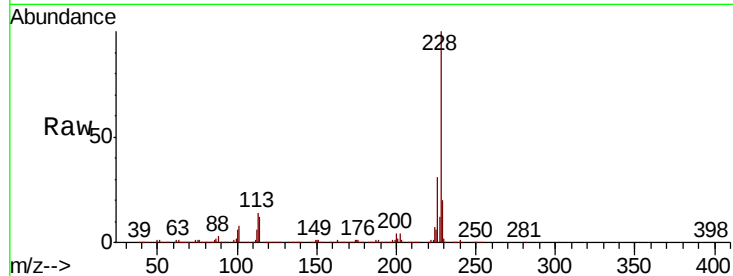
#83
Chrysene
Concen: 45.981 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Instrument :
BNA_F
ClientSampleId :
PB128946BS

Tot Ion:228 Resp: 2097226
Ion Ratio Lower Upper
228 100
226 31.0 25.0 37.6
229 20.4 16.2 24.4

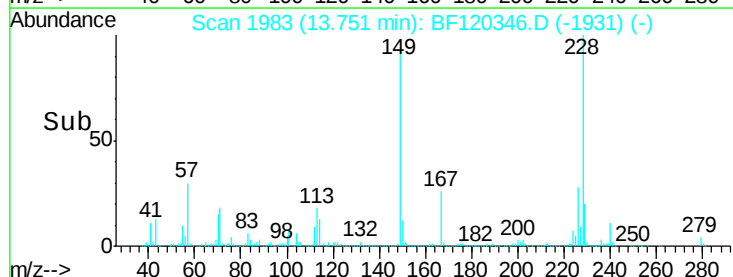
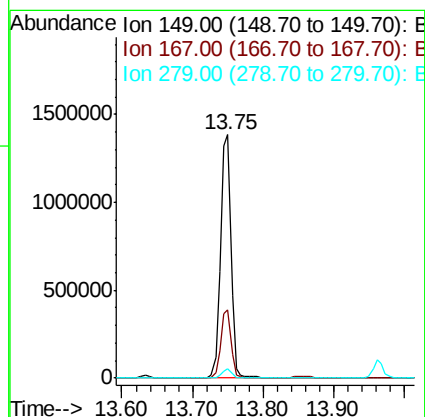
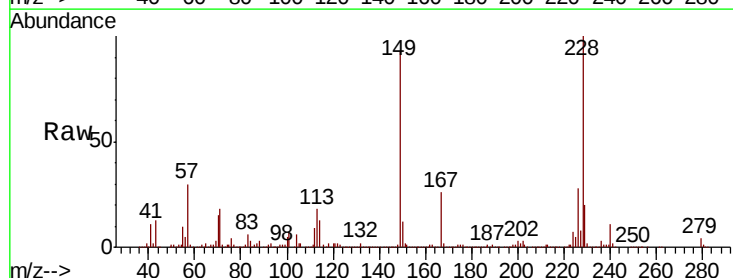
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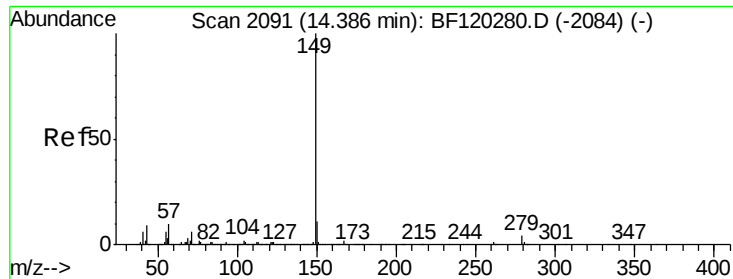
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.493 ng
RT: 13.75 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Tgt Ion:149 Resp: 1429267
Ion Ratio Lower Upper
149 100
167 28.0 21.8 32.8
279 4.1 2.8 4.2





#85

Di-n-octyl phthalate

Concen: 44.683 ng

RT: 14.36 min Scan# 2086

Delta R.T. -0.00 min

Lab File: BF120346.D

Acq: 18 May 2020 17:18

Instrument :

BNA_F

ClientSampleId :

PB128946BS

Tot Ion:149 Resp: 2703751

Ion Ratio Lower Upper

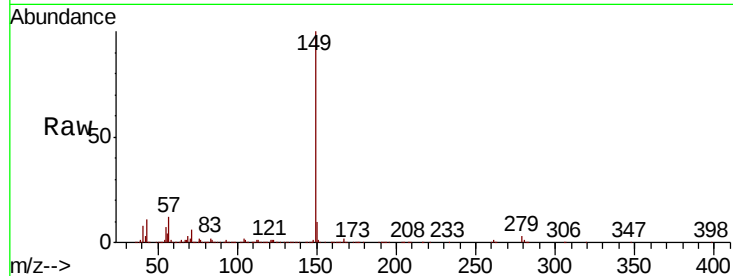
149 100

167 1.6 1.3 1.9

43 10.2 7.5 11.3

Manual Integrations
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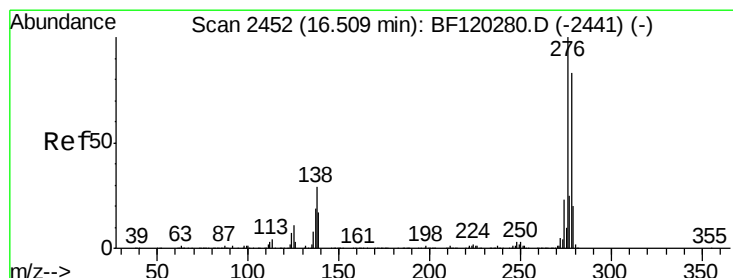
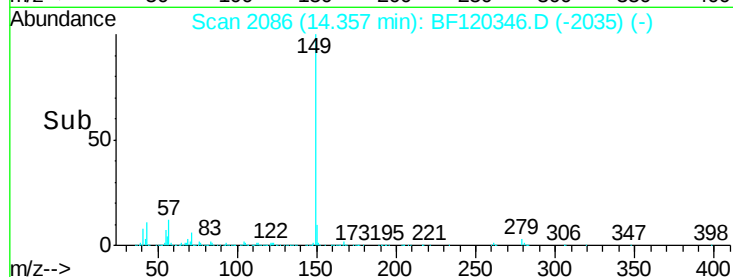
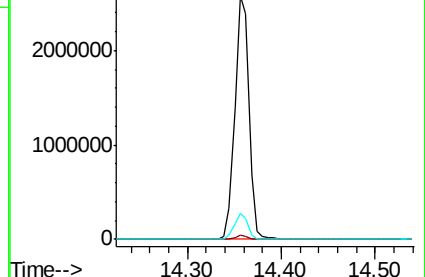
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.448 ng

RT: 16.46 min Scan# 2444

Delta R.T. 0.01 min

Lab File: BF120346.D

Acq: 18 May 2020 17:18

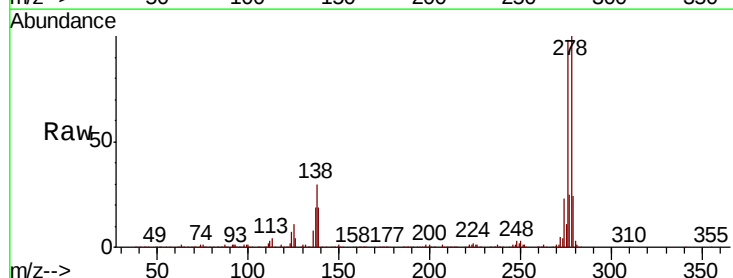
Tgt Ion:276 Resp: 1591628

Ion Ratio Lower Upper

276 100

138 27.5 23.3 34.9

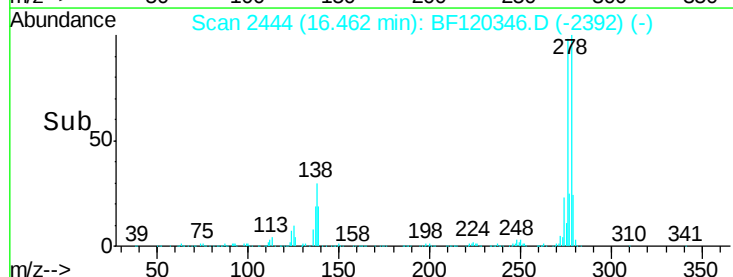
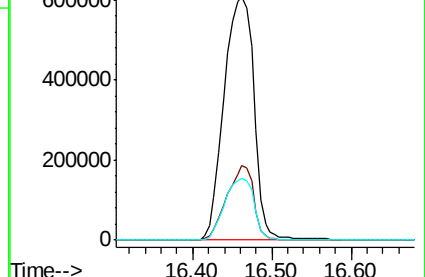
277 25.0 20.2 30.4

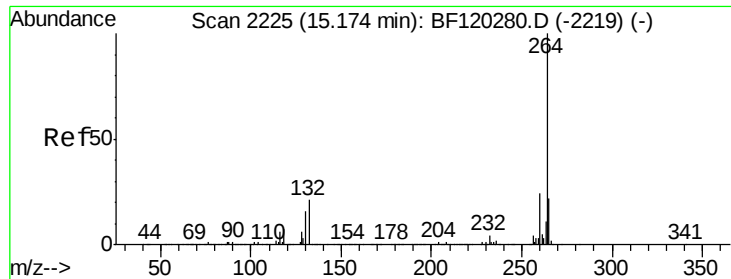


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





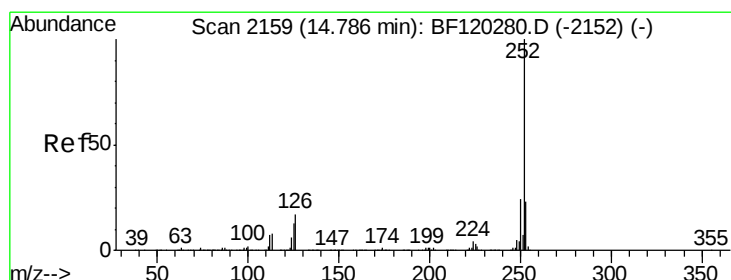
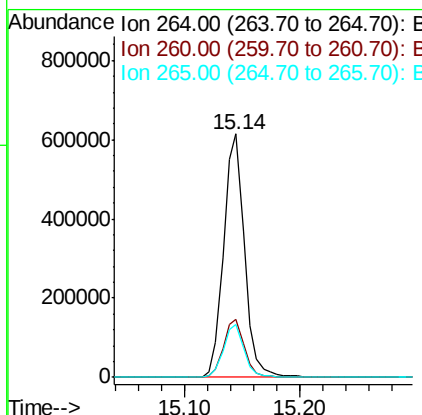
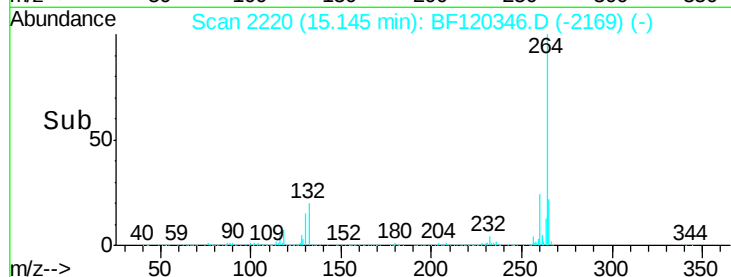
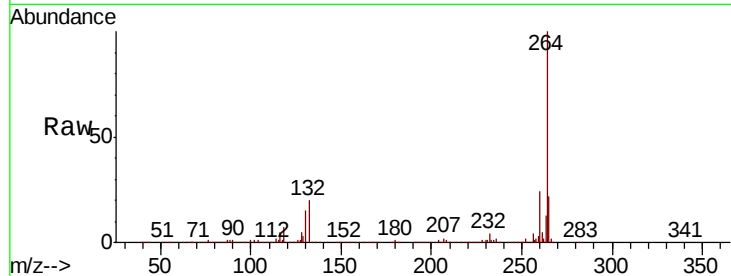
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.00 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Instrument :
BNA_F
ClientSampleId :
PB128946BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	21.9	17.5	26.3

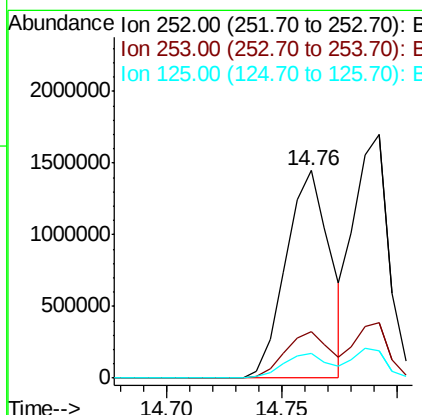
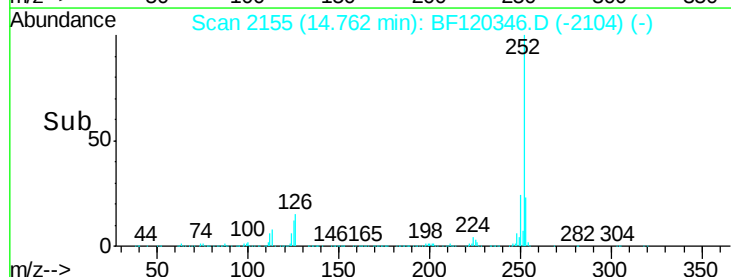
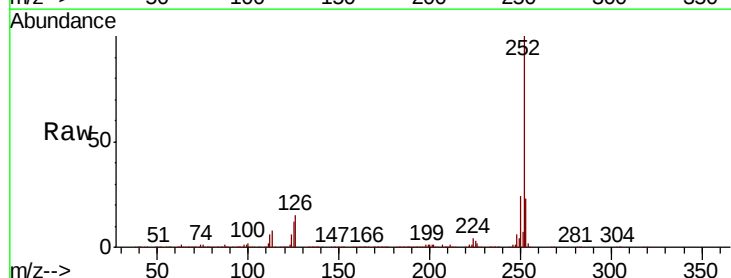
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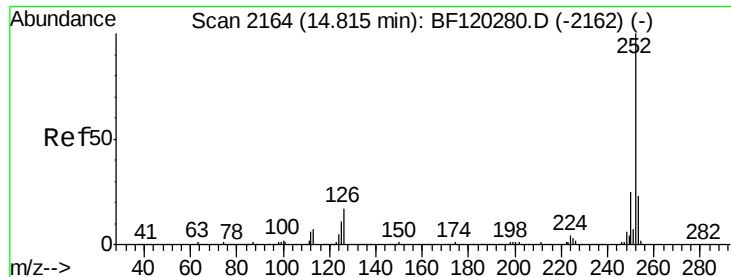
mohammad
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#88
Benzo(b)fluoranthene
Concen: 45.945 ng
RT: 14.76 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	11.9	10.4	15.6





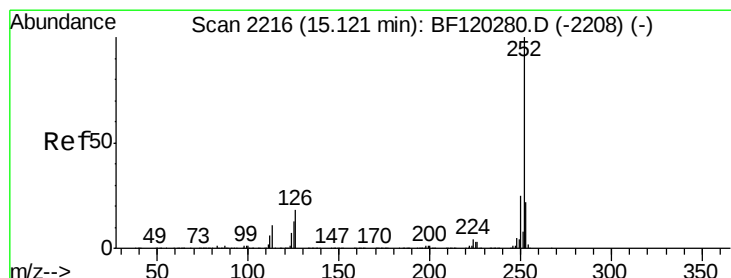
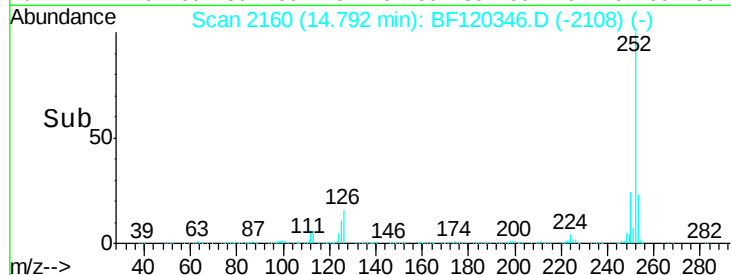
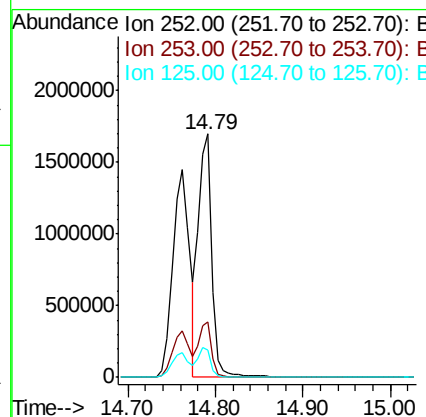
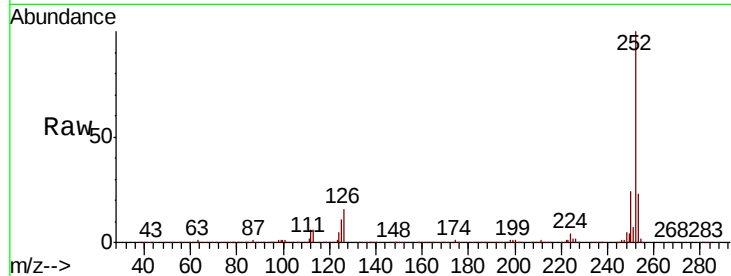
#89
Benzo(k)fluoranthene
Concen: 50.166 ng
RT: 14.79 min Scan# 2160
Delta R.T. 0.01 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Instrument :
BNA_F
ClientSampleId :
PB128946BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	11.0	9.9	14.9

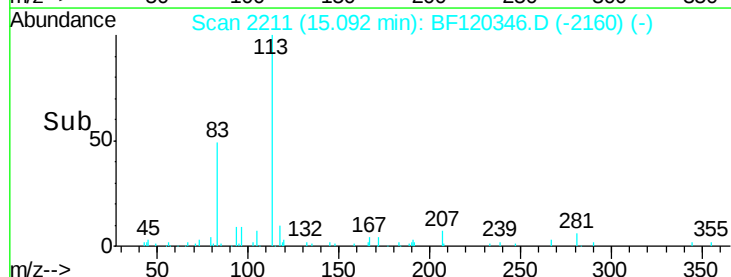
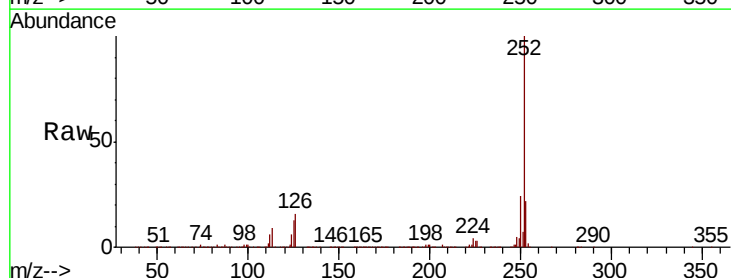
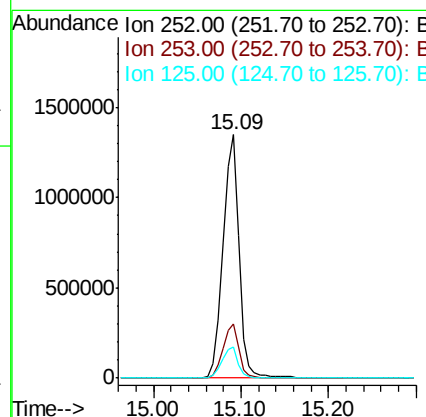
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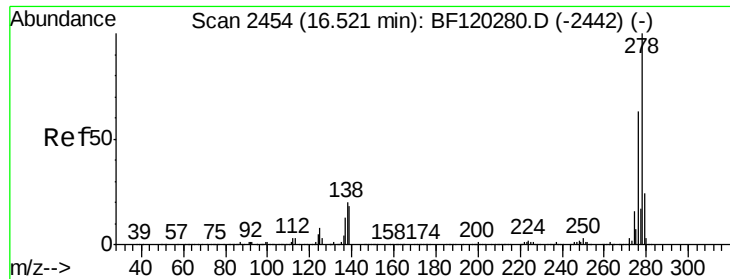
mohammad
5/19/2020 3:05:15 PM



#90
Benzo(a)pyrene
Concen: 45.736 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	12.8	10.6	16.0





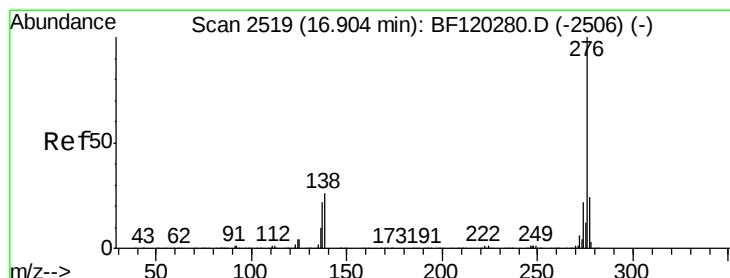
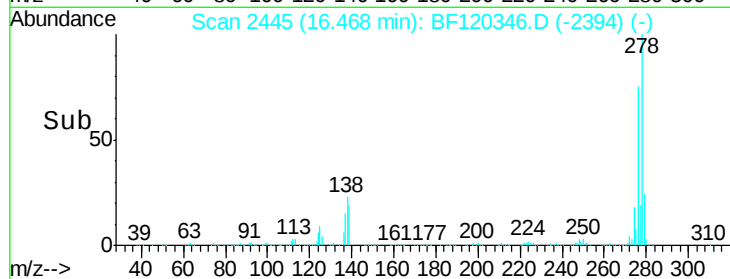
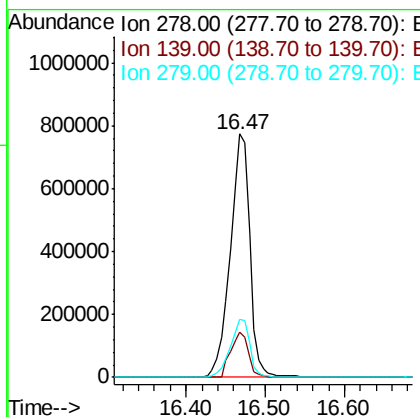
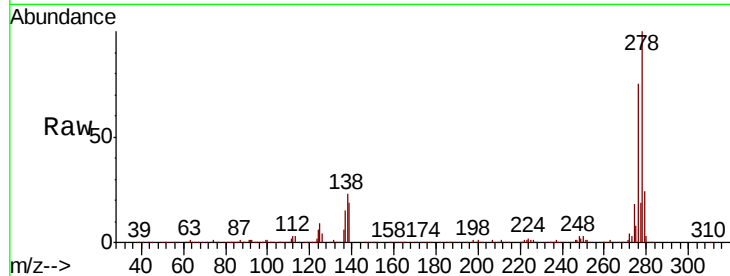
#91
Dibenzo(a,h)anthracene
Concen: 39.864 ng
RT: 16.47 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Instrument :
BNA_F
ClientSampled :
PB128946BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.7	14.7	22.1
279	23.9	19.2	28.8

Manual Integrations
APPROVED

mohammad
5/19/2020 3:05:15 PM



#92
Benzo(g,h,i)perylene
Concen: 39.404 ng
RT: 16.86 min Scan# 2511
Delta R.T. 0.01 min
Lab File: BF120346.D
Acq: 18 May 2020 17:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.1	28.7
138	23.5	20.8	31.2

