

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083120\
 Data File : BF121478.D
 Acq On : 31 Aug 2020 15:18
 Operator : JU/CG
 Sample : SP5251
 Misc : 8270/625 SPIKE
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP5251

Manual Integrations
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Quant Time: Sep 01 09:32:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 28 09:25:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	266388	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1099493	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	593260	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1132538	20.00	ng	0.00
76) Chrysene-d12	14.03	240	886223	20.00	ng	0.00
86) Perylene-d12	15.50	264	922373	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0d	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0d	0.00	ng	
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
79) Terphenyl-d14	0.00	244	0d	0.00	ng	

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	429635	56.739	ng	99
3) Pyridine	3.48	79	1150224	55.781	ng	99
4) n-Nitrosodimethylamine	3.45	42	508339	55.771	ng	93
6) Aniline	6.52	93	1273253	48.363	ng	99
8) 2-Chlorophenol	6.65	128	1051421	65.246	ng	97
9) Benzaldehyde	6.41	77	756777	69.555	ng	98
10) Phenol	6.50	94	1399594	64.480	ng	98
11) bis(2-Chloroethyl)ether	6.59	93	1016949	57.665	ng	99
12) 1,3-Dichlorobenzene	6.80	146	1077693	55.543	ng	99
13) 1,4-Dichlorobenzene	6.88	146	1091668	56.141	ng	99
14) 1,2-Dichlorobenzene	7.03	146	1059905	58.539	ng	98
15) Benzyl Alcohol	7.00	79	896604	61.565	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1441339	55.169	ng	98
17) 2-Methylphenol	7.12	107	851739	60.748	ng	99
18) Hexachloroethane	7.37	117	403858	60.687	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	713806	57.566	ng	99
20) 3+4-Methylphenols	7.26	107	1013652	59.742	ng	90
22) Acetophenone	7.27	105	1320563	48.730	ng	# 98
24) Nitrobenzene	7.44	77	1092312	67.758	ng	98
25) Isophorone	7.69	82	2034653	56.247	ng	100
26) 2-Nitrophenol	7.76	139	531442	67.082	ng	96
27) 2,4-Dimethylphenol	7.80	122	985551	65.691	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	1316237	53.510	ng	100
29) 2,4-Dichlorophenol	8.00	162	895649	60.462	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	930858	51.296	ng	99
31) Naphthalene	8.17	128	2876892	52.704	ng	100
32) Benzoic acid	7.93	122	711343	64.411	ng	99
33) 4-Chloroaniline	8.21	127	831416	34.198	ng	99
34) Hexachlorobutadiene	8.29	225	548075	50.787	ng	99
35) Caprolactam	8.60	113	289261m	59.870	ng	
36) 4-Chloro-3-methylphenol	8.70	107	938321	60.077	ng	100
37) 2-Methylnaphthalene	8.86	142	1998367	55.256	ng	100
38) 1-Methylnaphthalene	8.96	142	1861599	54.513	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	877652	49.906	ng	99

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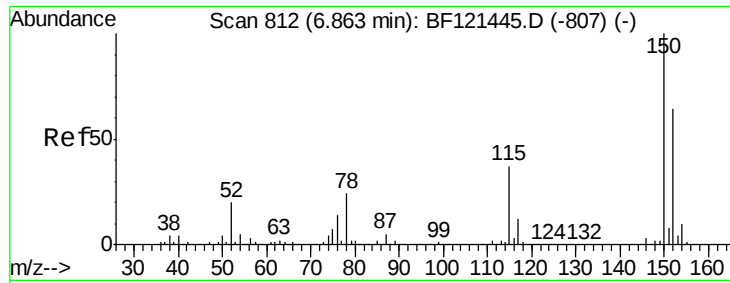
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Quant Time: Sep 01 09:32:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 28 09:25:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	1072519	145.026	nq	99
43) 2,4,6-Trichlorophenol	9.13	196	670213	60.296	nq	99
44) 2,4,5-Trichlorophenol	9.17	196	676831	61.578	nq	97
46) 1,1'-Biphenyl	9.32	154	2360134	52.720	nq	99
47) 2-Chloronaphthalene	9.35	162	1828655	49.696	nq	97
48) 2-Nitroaniline	9.45	65	596661	56.418	nq	91
49) Acenaphthylene	9.77	152	2902603	52.589	nq	99
50) Dimethylphthalate	9.63	163	2222097	54.528	nq	100
51) 2,6-Dinitrotoluene	9.69	165	505612	63.767	nq	98
52) Acenaphthene	9.94	154	2016840	57.870	nq	100
53) 3-Nitroaniline	9.85	138	363592	38.573	nq	# 95
54) 2,4-Dinitrophenol	9.96	184	473275	104.726	nq	86
55) Dibenzofuran	10.11	168	2690987	53.154	nq	98
56) 4-Nitrophenol	10.02	139	933069	114.797	nq	96
57) 2,4-Dinitrotoluene	10.09	165	660963	66.919	nq	96
58) Fluorene	10.45	166	1996647	52.317	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	590325	64.509	nq	99
60) Diethylphthalate	10.33	149	2220260	54.229	nq	99
61) 4-Chlorophenyl-phenylether	10.45	204	989066	51.725	nq	97
62) 4-Nitroaniline	10.47	138	530676	52.791	nq	96
63) Azobenzene	10.60	77	2138334	52.814	nq	100
65) 4,6-Dinitro-2-methylphenol	10.50	198	305679	70.940	nq	90
66) n-Nitrosodiphenylamine	10.56	169	1875686	52.365	nq	99
67) 4-Bromophenyl-phenylether	10.93	248	647607	51.979	nq	97
68) Hexachlorobenzene	11.00	284	751596	51.588	nq	98
69) Atrazine	11.09	200	485736	46.759	nq	98
70) Pentachlorophenol	11.19	266	891283	133.908	nq	98
71) Phenanthrene	11.42	178	2925921	50.343	nq	99
72) Anthracene	11.47	178	3019160	52.817	nq	100
73) Carbazole	11.62	167	2850298	51.709	nq	99
74) Di-n-butylphthalate	11.95	149	3302758	53.935	nq	99
75) Fluoranthene	12.60	202	3231331	51.587	nq	99
77) Benzdine	12.73	184	2051168	106.125	nq	99
78) Pyrene	12.83	202	3289353	51.971	nq	99
80) Butylbenzylphthalate	13.45	149	1485967	60.942	nq	95
81) Benzo(a)anthracene	14.02	228	2787549	51.526	nq	98
82) 3,3'-Dichlorobenzidine	13.98	252	923234	46.592	nq	99
83) Chrysene	14.06	228	2788133	51.513	nq	98
84) Bis(2-ethylhexyl)phthalate	14.01	149	1845697	58.608	nq	100
85) Di-n-octyl phthalate	14.63	149	3369130	63.128	nq	99
87) Indeno(1,2,3-cd)pyrene	16.97	276	3041725	53.597	nq	100
88) Benzo(b)fluoranthene	15.07	252	3160613	52.677	nq	99
89) Benzo(k)fluoranthene	15.10	252	2822675	50.578	nq	98
90) Benzo(a)pyrene	15.44	252	2731348	50.625	nq	98
91) Dibenzo(a,h)anthracene	16.99	278	2481651	53.420	nq	98
92) Benzo(g,h,i)perylene	17.42	276	2462834	55.034	nq	98

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



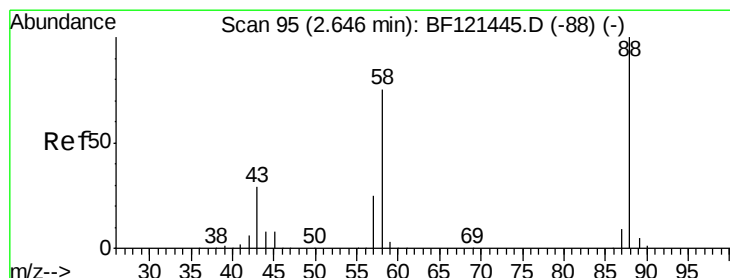
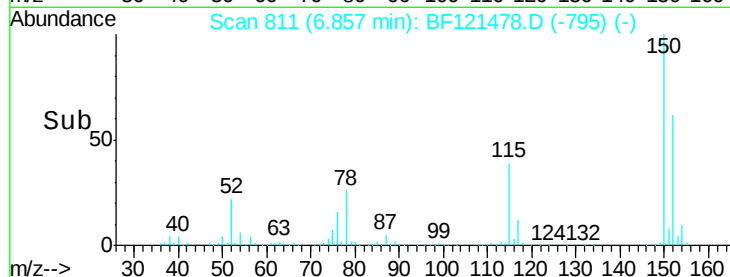
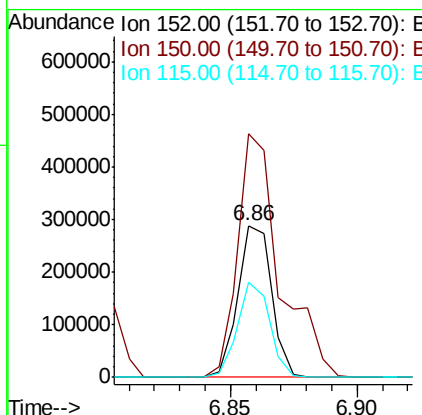
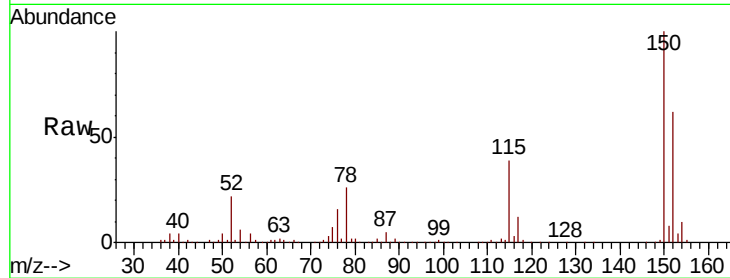
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SP5251

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	125.8	188.6
115	62.4	46.6	69.8

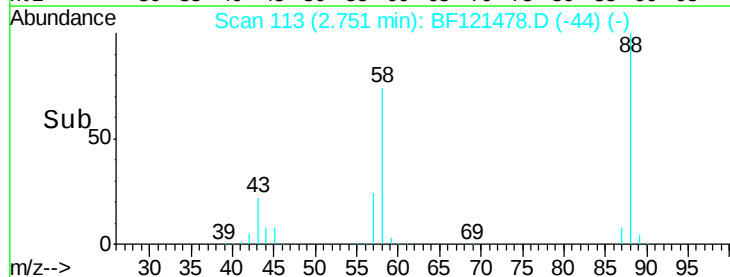
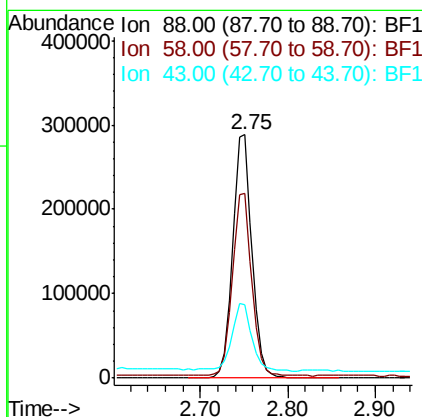
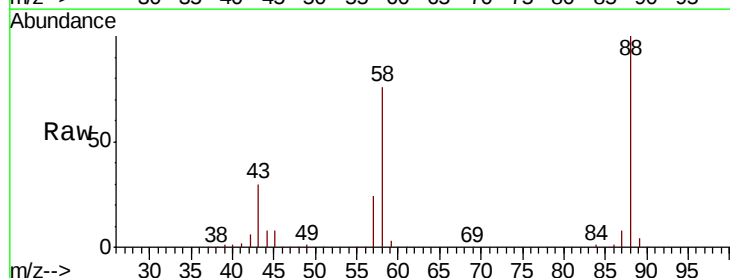
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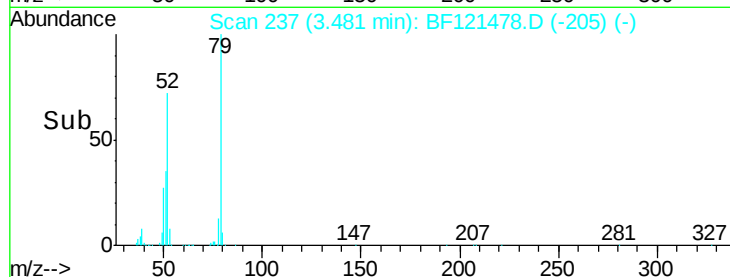
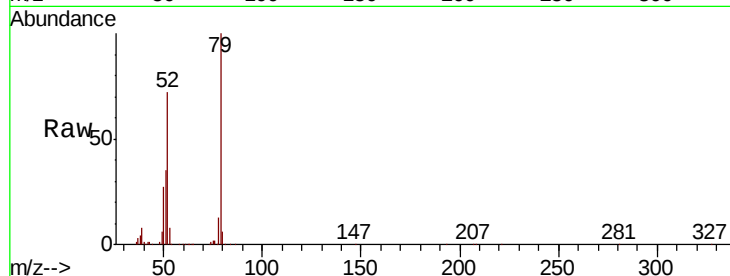
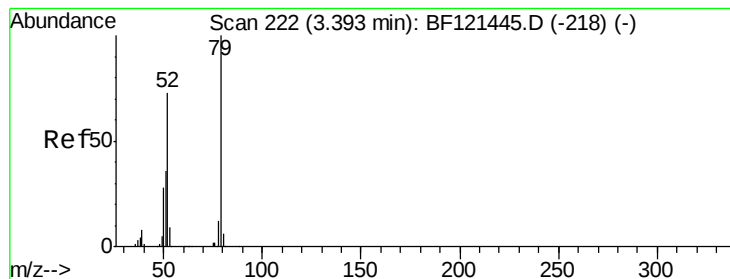
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#2
 1,4-Dioxane
 Concen: 56.739 ng
 RT: 2.75 min Scan# 113
 Delta R.T. 0.11 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.4	61.1	91.7
43	28.7	23.4	35.0





#3

Pvridine

Concen: 55.781 ng

RT: 3.48 min Scan# 237

Delta R.T. 0.09 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Tot Ion:	79	Resp:	1150224
Ion	Ratio	Lower	Upper
79	100		
52	72.5	58.2	87.4
51	35.0	29.1	43.7

Instrument :

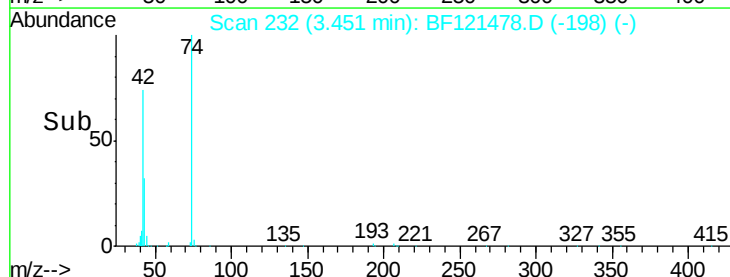
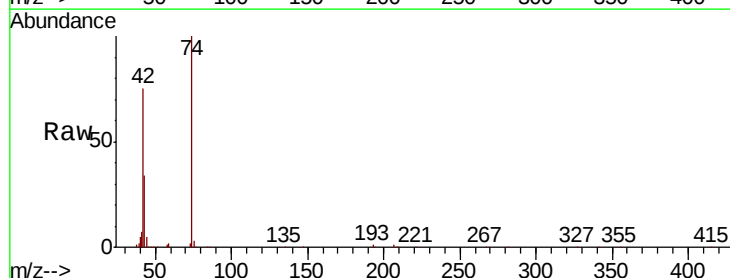
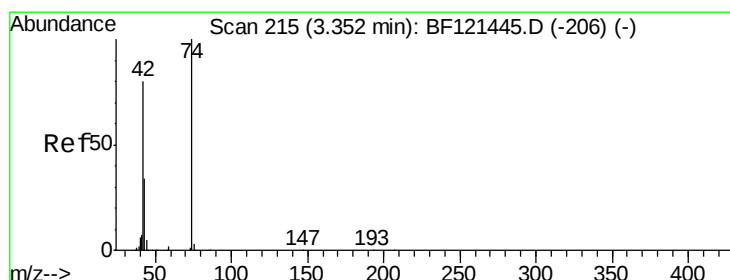
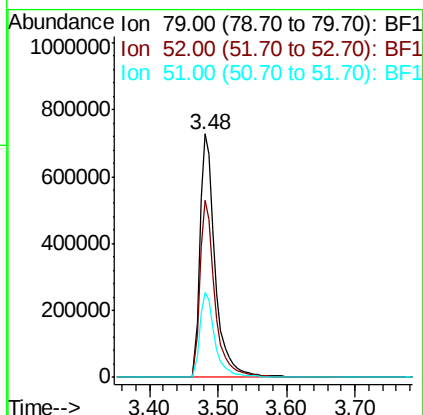
BNA_F

ClientSampled :

SP5251

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 55.771 ng

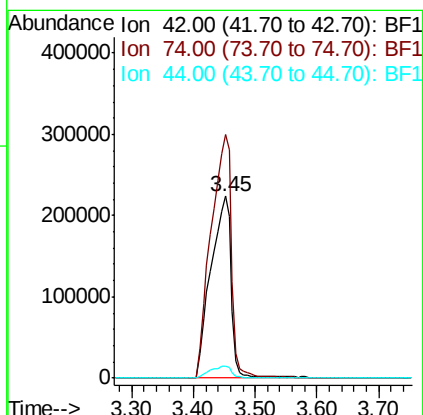
RT: 3.45 min Scan# 232

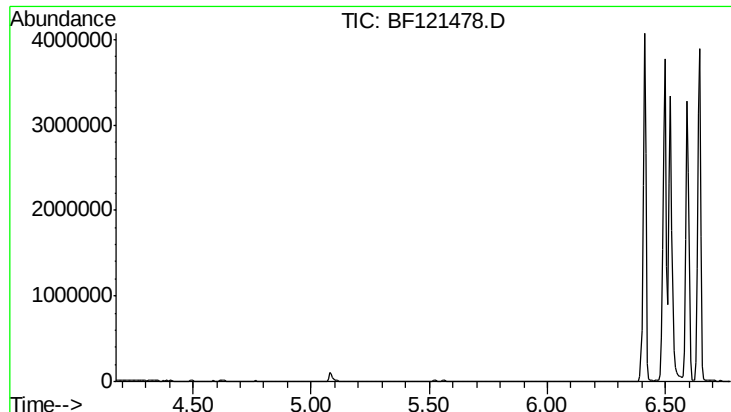
Delta R.T. 0.10 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Tgt Ion:	42	Resp:	508339
Ion	Ratio	Lower	Upper
42	100		
74	133.9	100.2	150.4
44	6.4	5.4	8.0





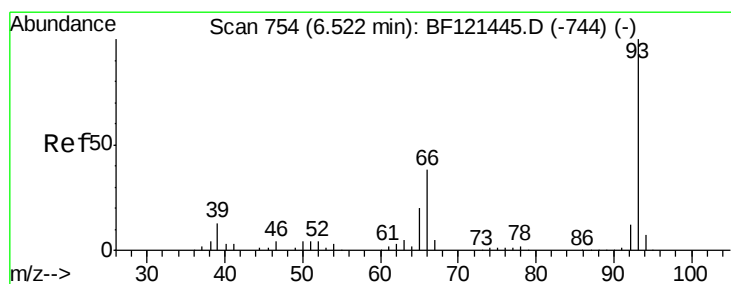
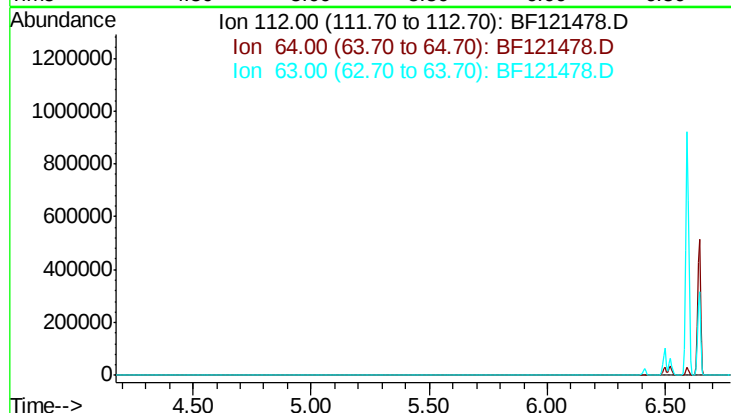
#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.47 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SP5251

Tot Ion	112
Exp Ratio	100
64	60.2
63	31.0

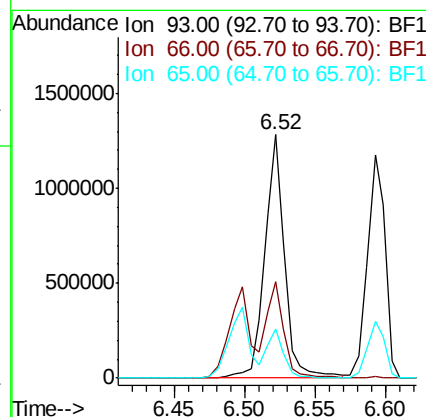
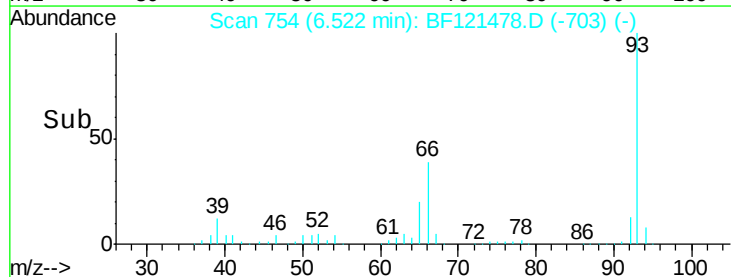
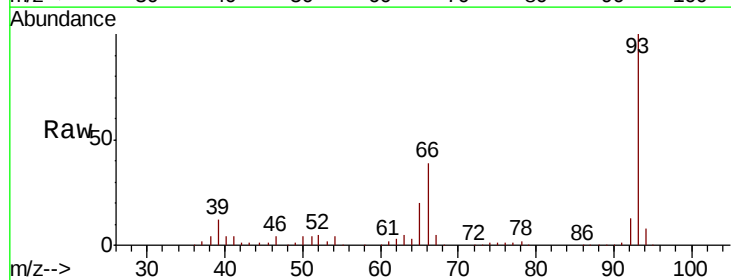
Manual Integrations
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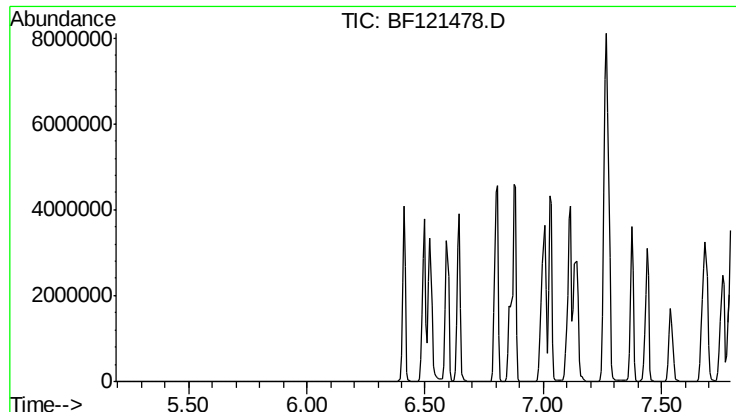
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#6
 Aniline
 Concen: 48.363 ng
 RT: 6.52 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

Tgt Ion	93	Resp	1273253
Ion Ratio	100	Lower	Upper
93	100		
66	39.5	30.9	46.3
65	20.1	15.9	23.9





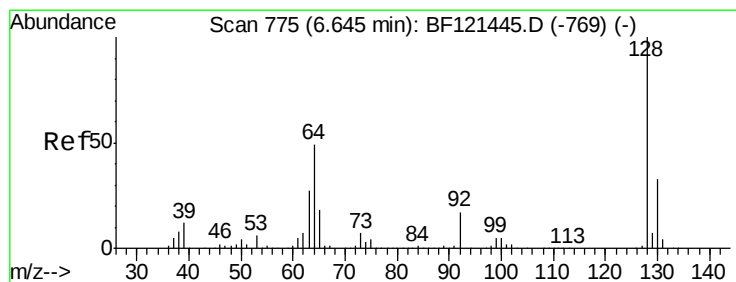
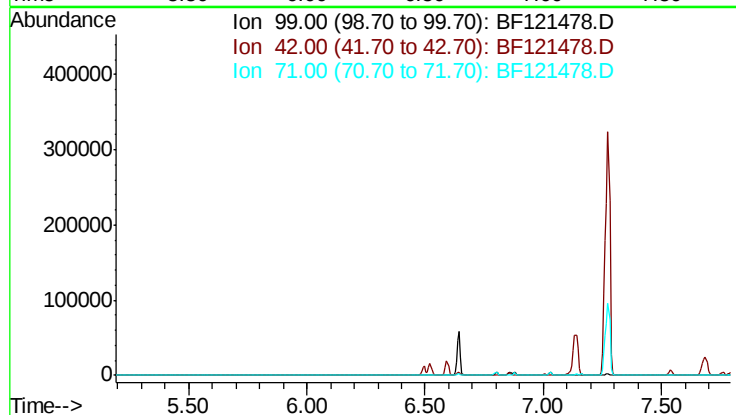
#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.49 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SP5251

Tot Ion	99
Sig	Exp Ratio
99	100
42	16.9
71	30.8

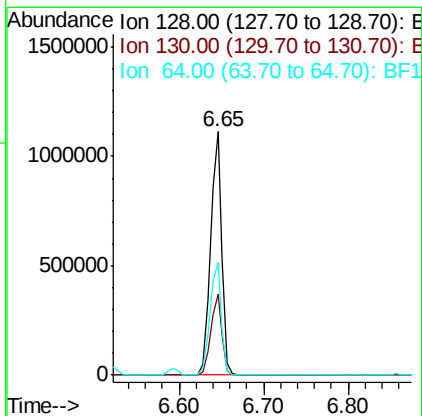
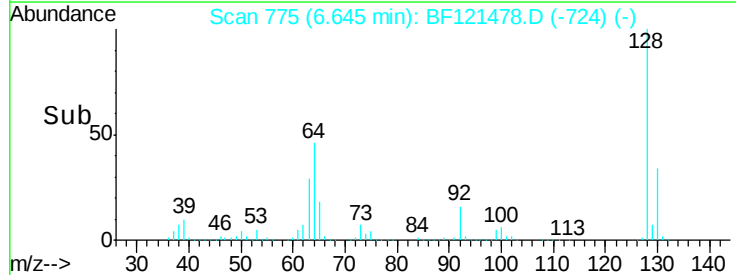
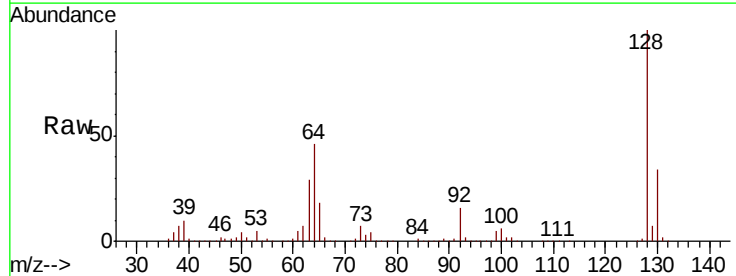
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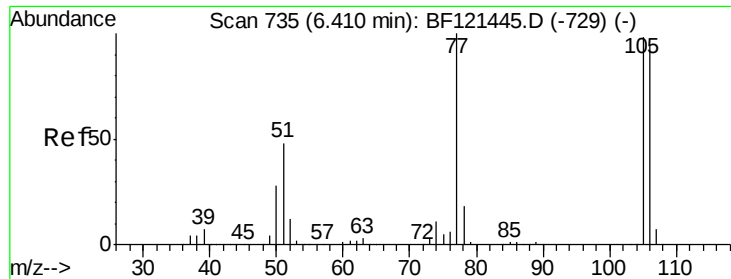
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#8
 2-Chlorophenol
 Concen: 65.246 ng
 RT: 6.65 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

Tgt Ion	128	Resp	1051421
Ion Ratio	Lower	Upper	
128	100		
130	33.5	12.6	52.6
64	46.3	29.5	69.5





#9

Benzaldehyde

Concen: 69.555 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Instrument :

BNA_F

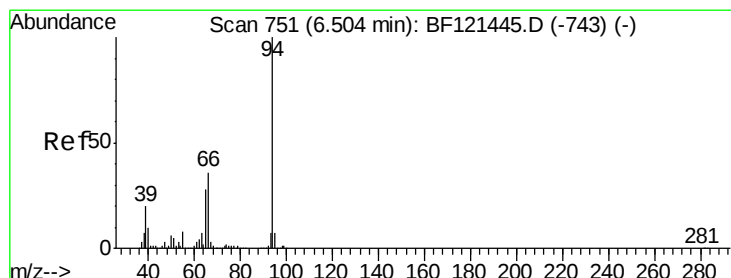
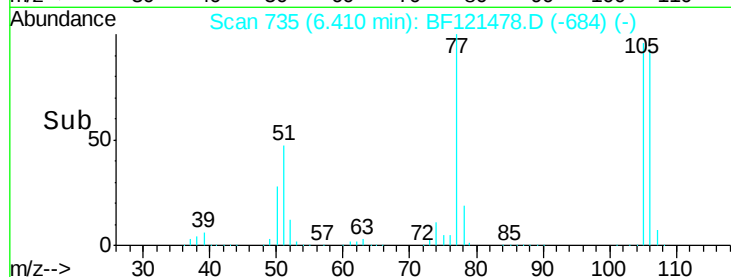
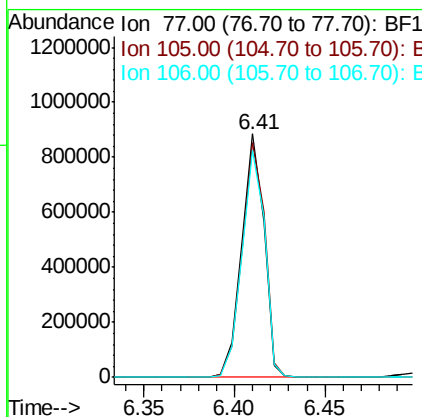
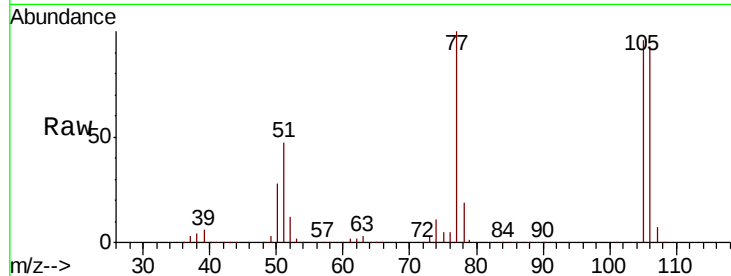
ClientSampleId :

SP5251

Tot Ion:	77	Resp:	756777
Ion Ratio	Lower	Upper	
77	100		
105	96.3	78.1	118.1
106	93.0	74.3	114.3

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#10

Phenol

Concen: 64.480 ng

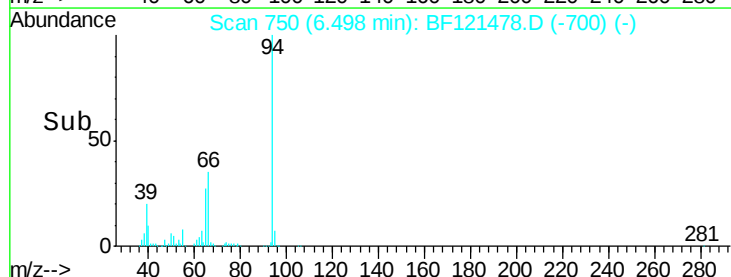
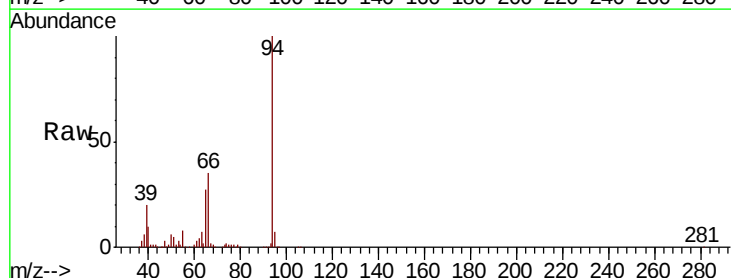
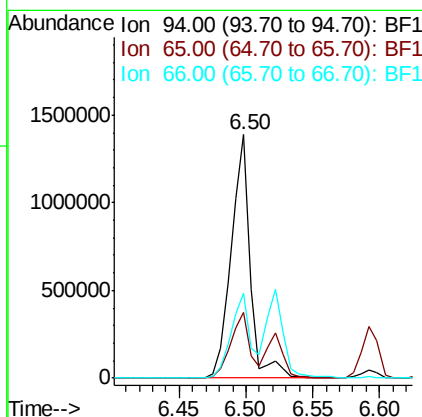
RT: 6.50 min Scan# 750

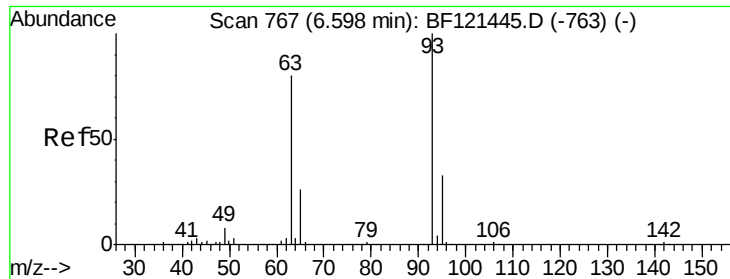
Delta R.T. -0.01 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Tgt Ion:	94	Resp:	1399594
Ion Ratio	Lower	Upper	
94	100		
65	27.0	7.9	47.9
66	34.9	16.0	56.0





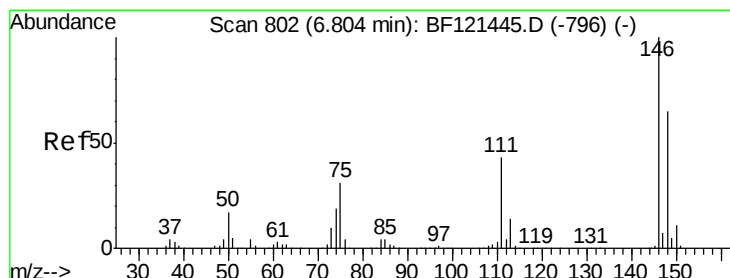
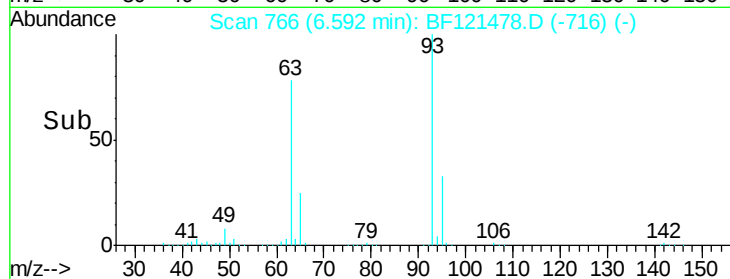
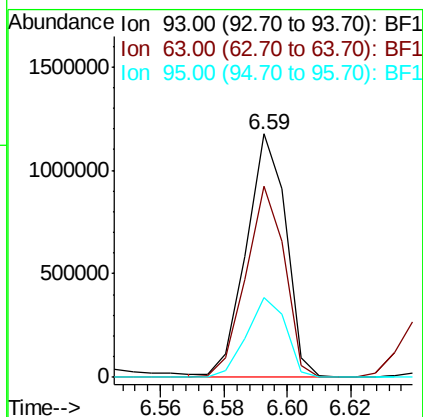
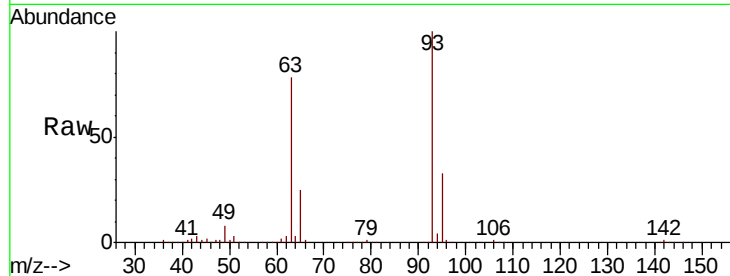
#11
bis(2-Chloroethyl)ether
Concen: 57.665 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Instrument :
BNA_F
ClientSampleId :
SP5251

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.3	59.3	99.3
95	32.6	13.0	53.0

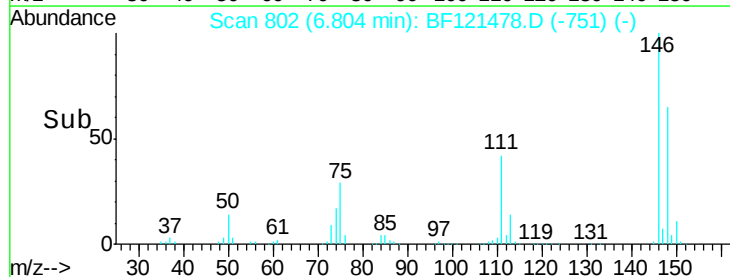
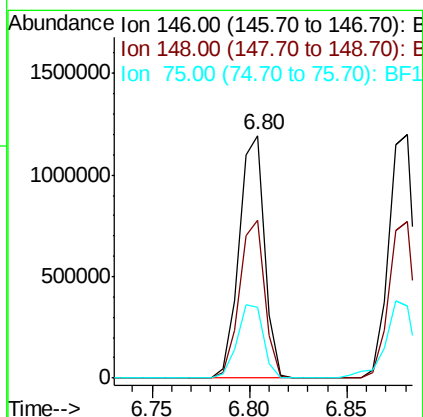
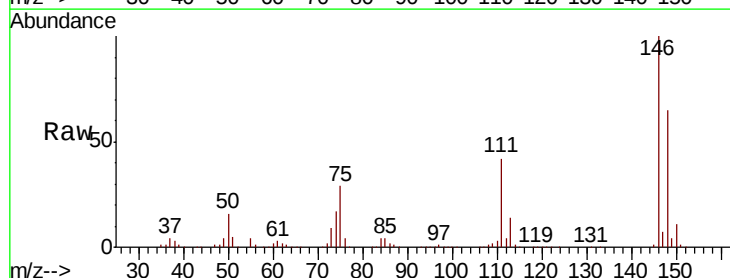
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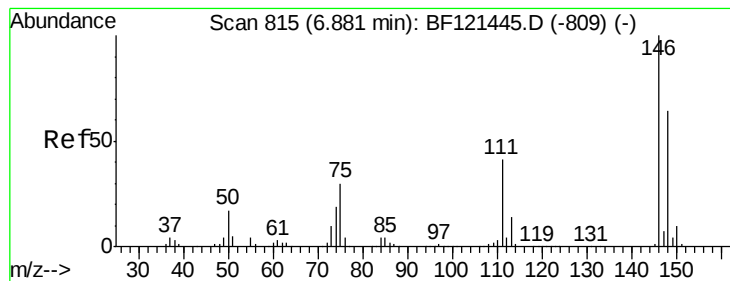
mohammad
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#12
1,3-Dichlorobenzene
Concen: 55.543 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.1	78.1
75	29.2	24.9	37.3





#13

1,4-Dichlorobenzene

Concen: 56.141 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Instrument :

BNA_F

ClientSampleId :

SP5251

Tot Ion:146 Resp: 1091668

Ion Ratio Lower Upper

146 100

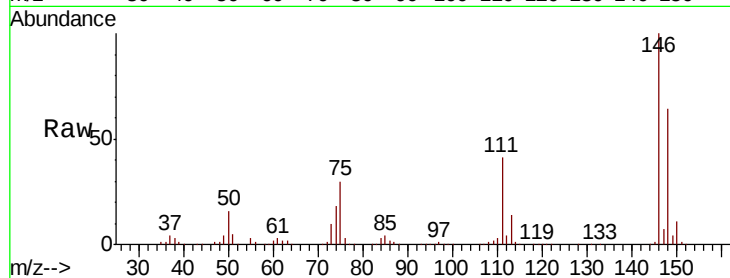
148 64.4 51.2 76.8

111 40.8 33.0 49.6

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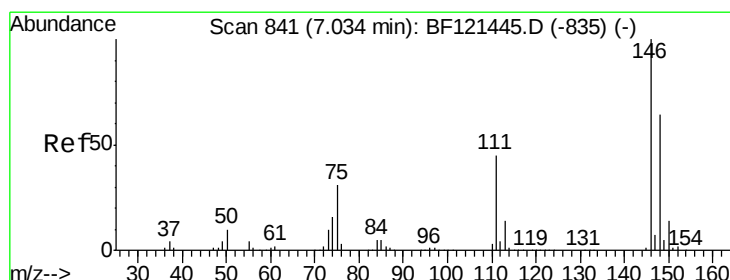
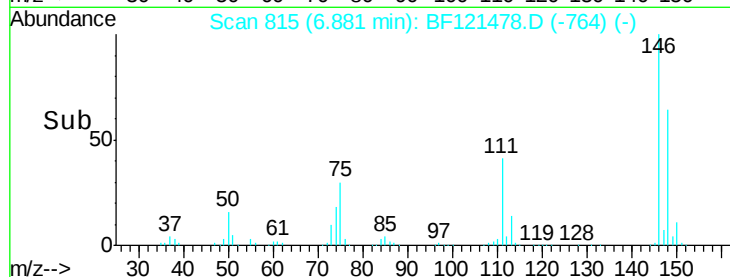
Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

6.88

Time-->



#14

1,2-Dichlorobenzene

Concen: 58.539 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

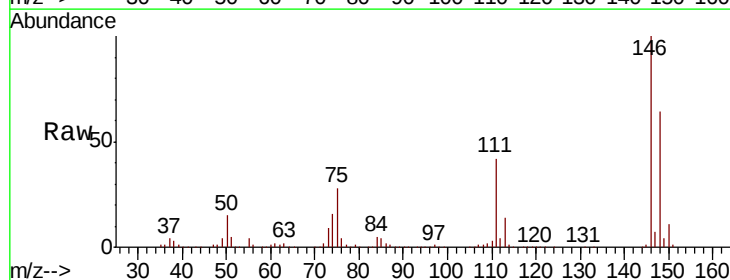
Tgt Ion:146 Resp: 1059905

Ion Ratio Lower Upper

146 100

148 64.1 51.1 76.7

111 42.5 36.2 54.2



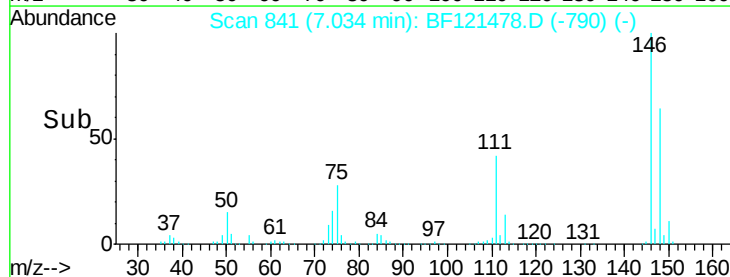
Abundance Ion 146.00 (145.70 to 146.70): E

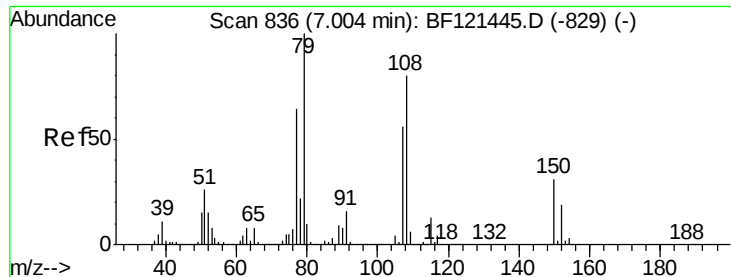
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

7.03

Time-->





#15

Benzyl Alcohol

Concen: 61.565 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Instrument :

BNA_F

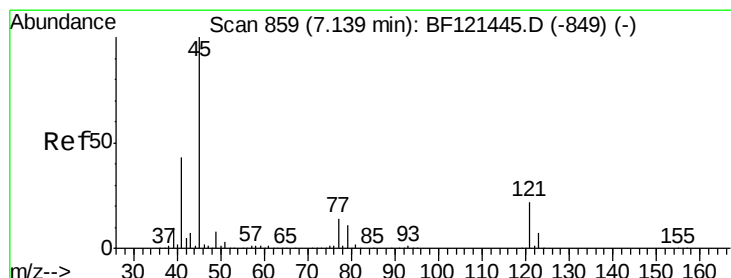
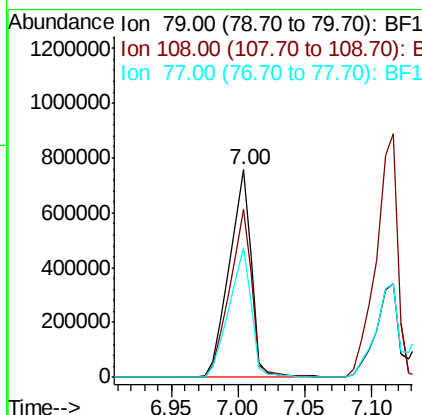
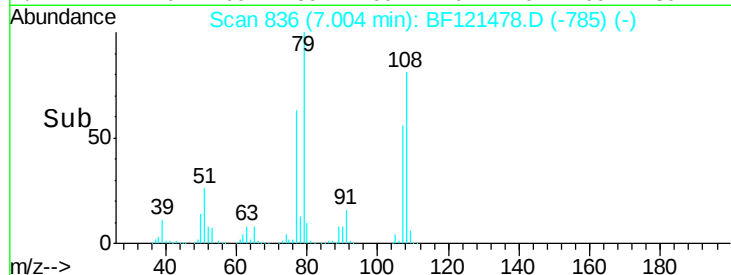
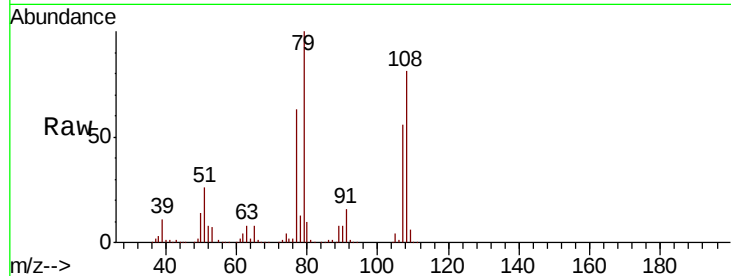
ClientSampled :

SP5251

Tot Ion:	79	Resp:	896604
Ion Ratio	Lower	Upper	
79	100		
108	81.0	64.0	96.0
77	62.6	50.8	76.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 55.169 ng

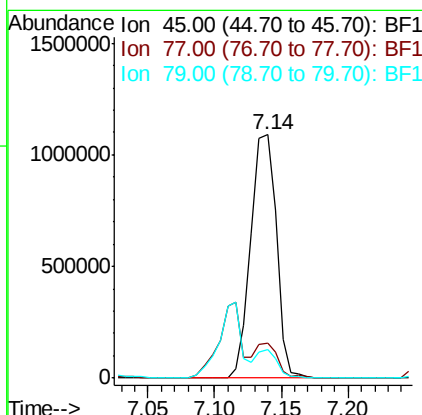
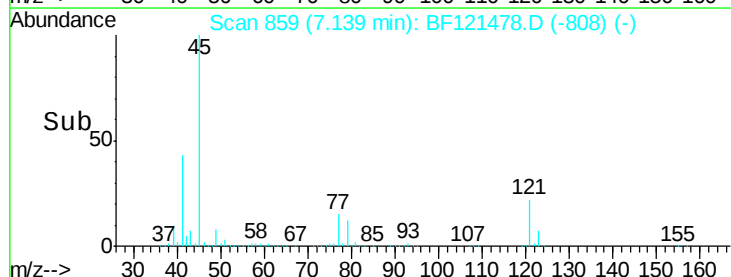
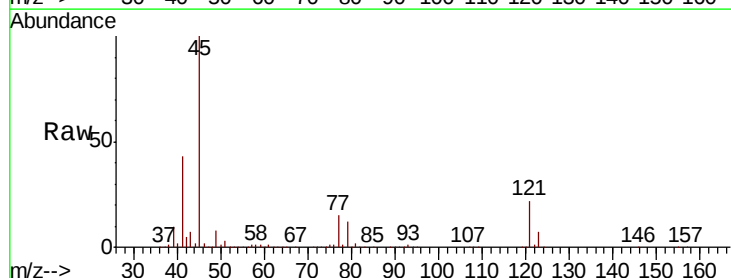
RT: 7.14 min Scan# 859

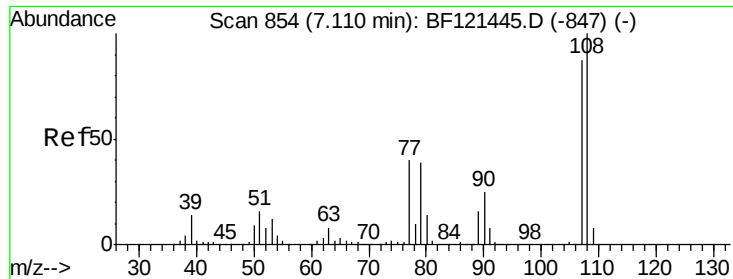
Delta R.T. -0.00 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Tgt Ion:	45	Resp:	1441339
Ion Ratio	Lower	Upper	
45	100		
77	14.6	0.0	33.8
79	11.6	0.0	31.1





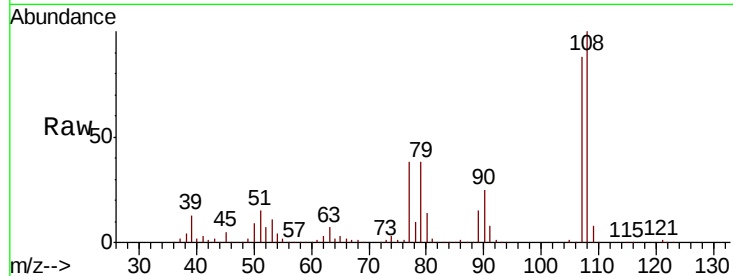
#17
2-Methylphenol
Concen: 60.748 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Instrument :
BNA_F
ClientSampled :
SP5251

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.9	91.7	137.5
77	43.8	36.4	54.6
79	43.8	35.5	53.3

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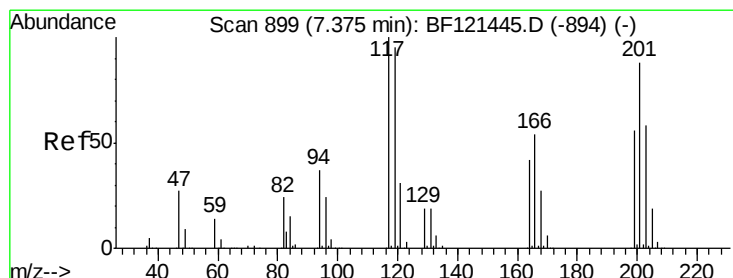
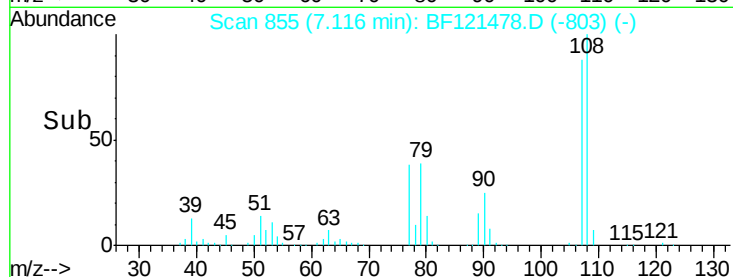
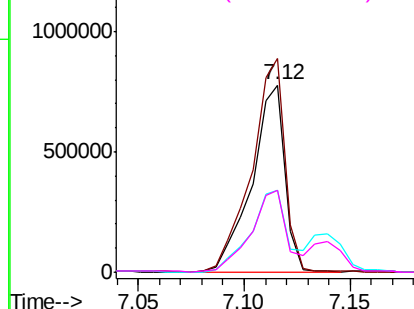
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

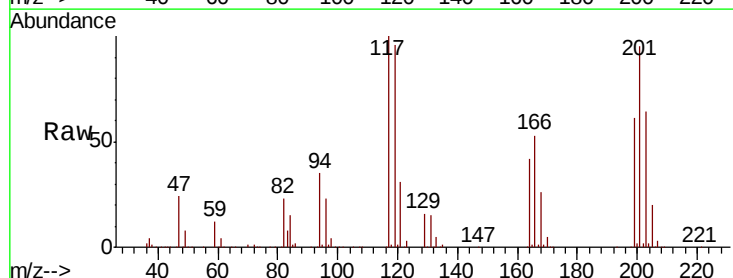
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 60.687 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.8	113.8
201	95.2	70.4	105.6

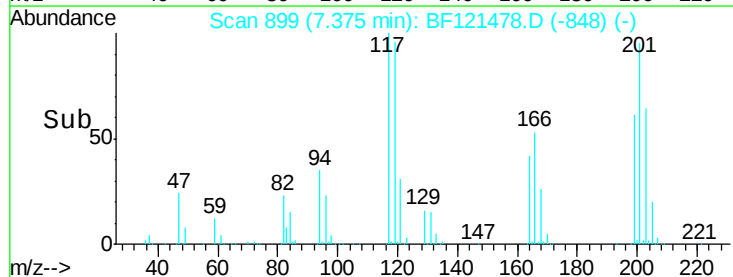
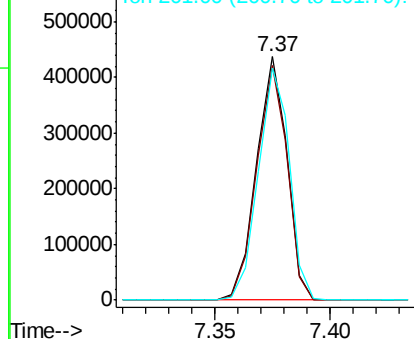


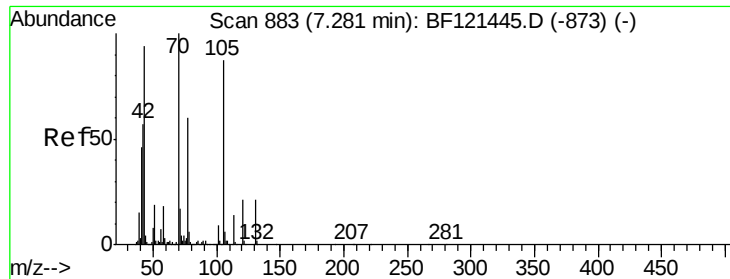
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





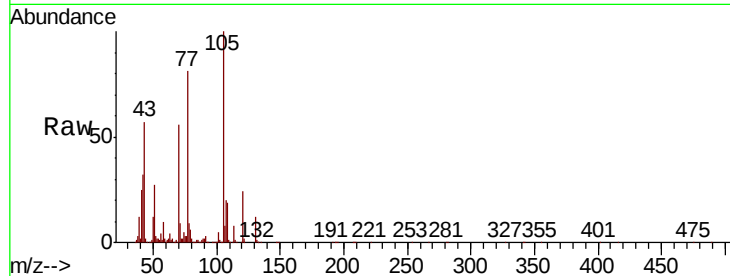
#19
n-Nitroso-di-n-propylamine
Concen: 57.566 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Instrument :
BNA_F
ClientSampleId :
SP5251

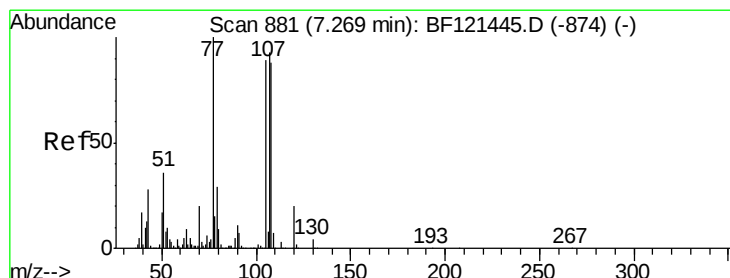
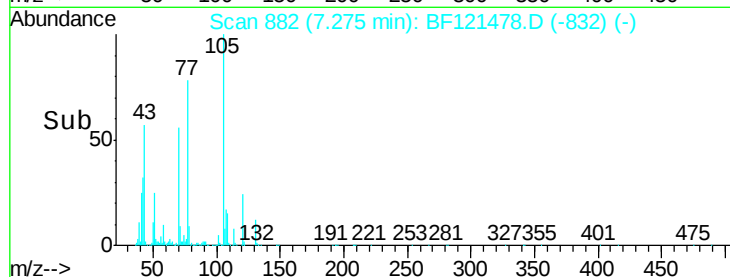
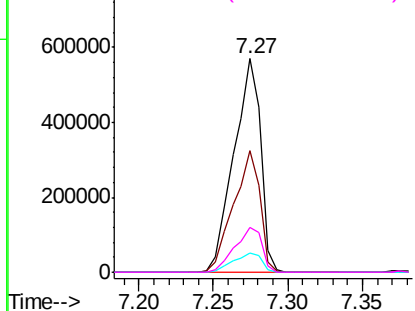
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.8	45.8	68.6	
101	9.2	7.5	11.3	
130	20.8	16.5	24.7	

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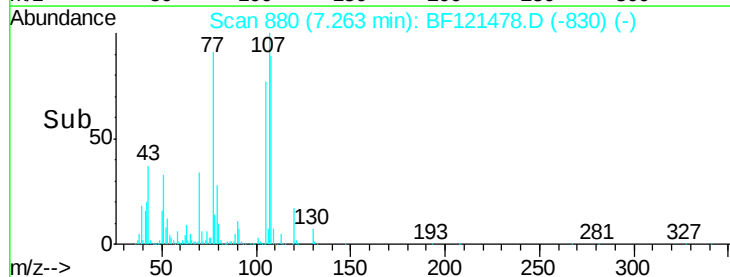
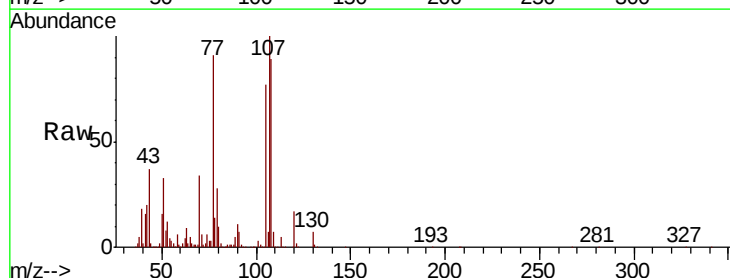
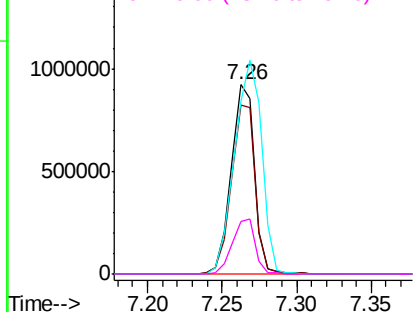
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

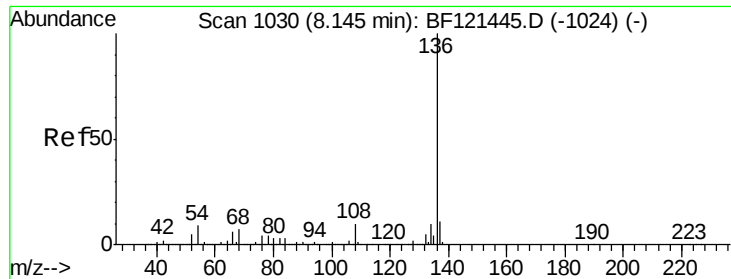


#20
3+4-Methylphenols
Concen: 59.742 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.1	75.0	115.0	
77	91.4	87.5	127.5	
79	27.9	11.1	51.1	

Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





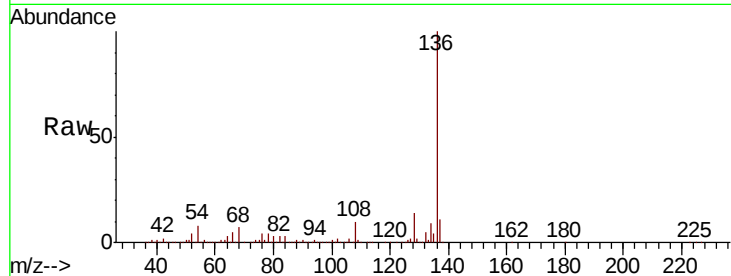
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Instrument :
BNA_F
ClientSampleId :
SP5251

Tot Ion	136	Resp	1099493
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.1	7.0	10.4
68	6.6	5.5	8.3

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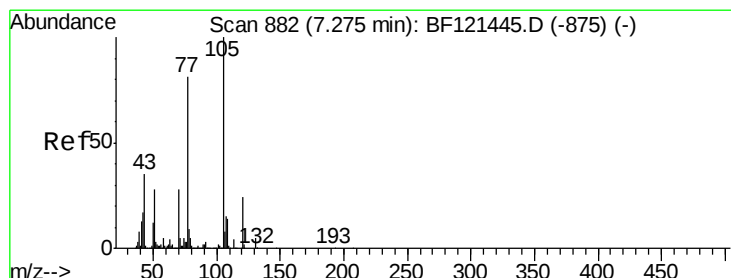
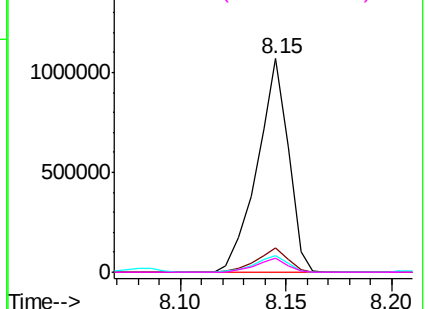
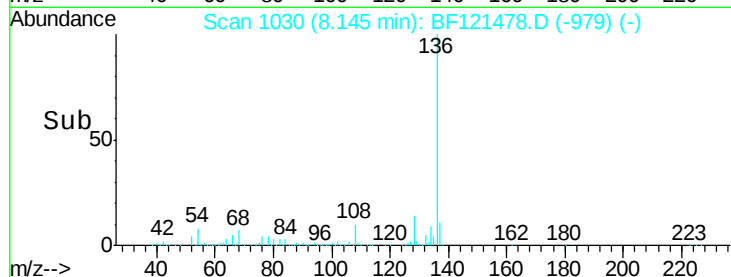
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

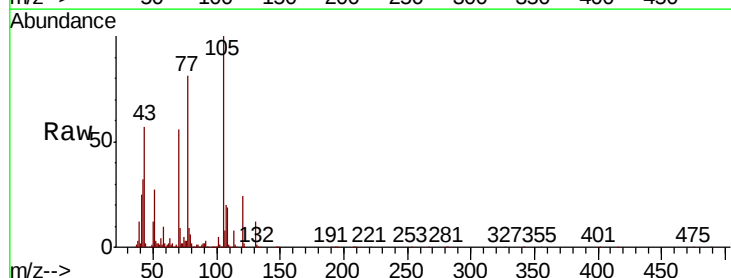
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 48.730 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Tgt Ion	105	Resp	1320563
Ion	Ratio	Lower	Upper
105	100		
71	9.4	3.8	5.6#
51	27.0	22.6	33.8
120	23.6	18.9	28.3



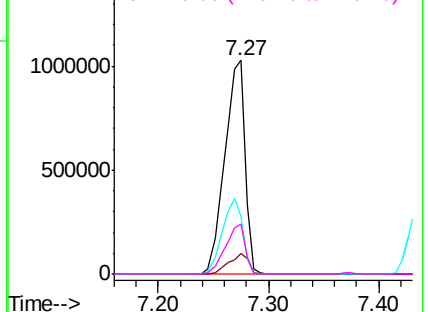
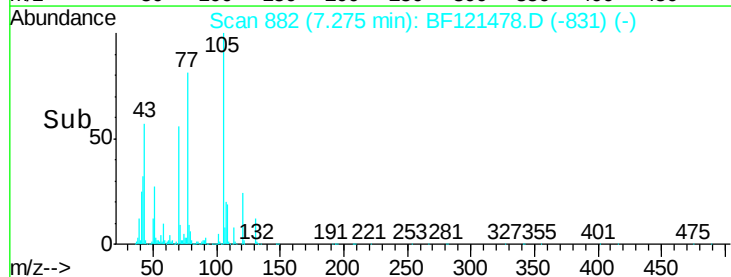
Abundance

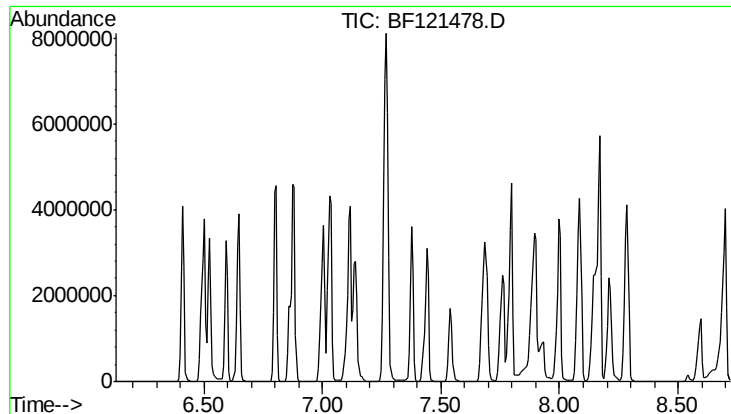
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





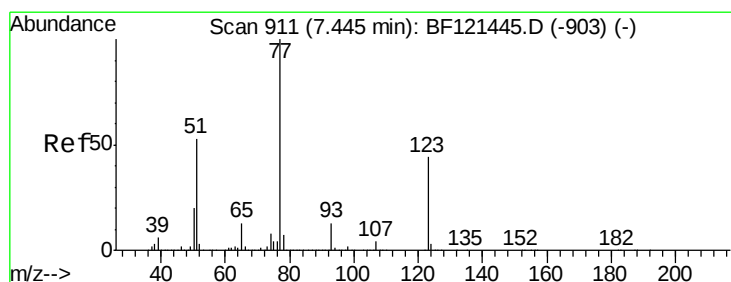
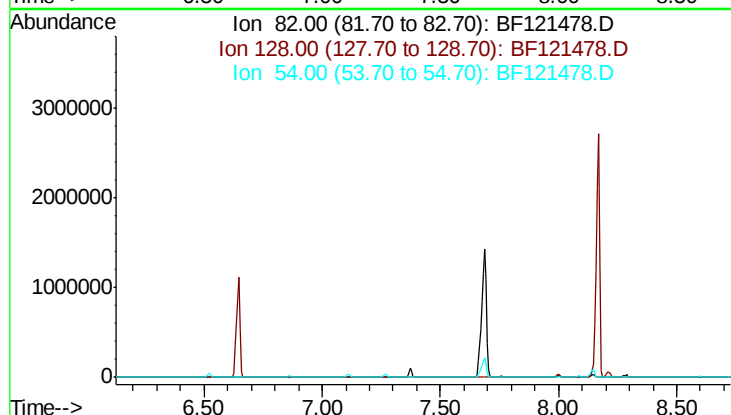
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 7.43 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Instrument :
BNA_F
ClientSampleId :
SP5251

Tot Ion	82
Sig	Exp Ratio
82	100
128	42.6
54	51.3

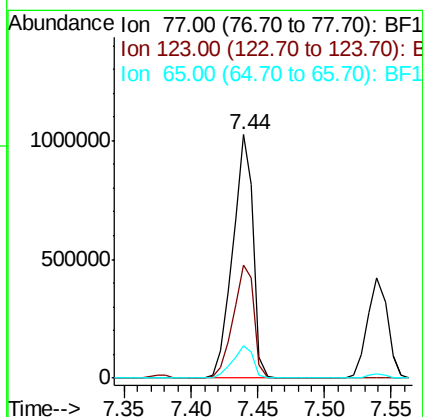
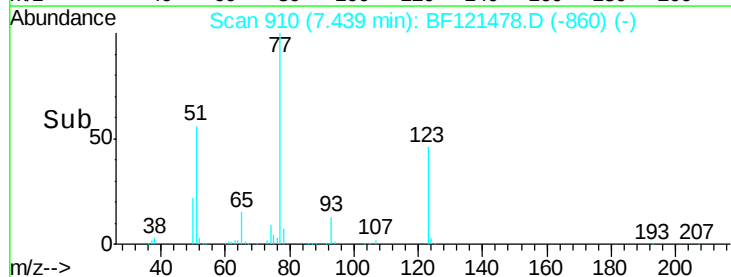
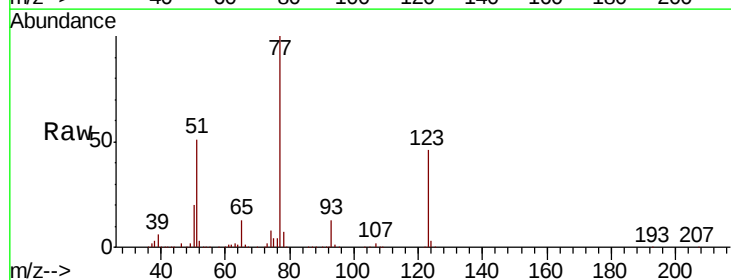
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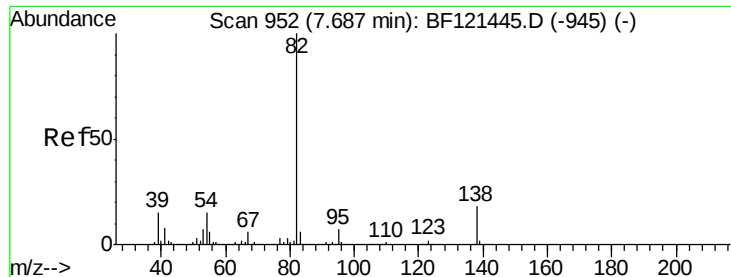
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#24
Nitrobenzene
Concen: 67.758 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Tgt Ion	77	Resp	1092312
Ion	Ratio	Lower	Upper
77	100		
123	46.4	35.5	53.3
65	13.5	10.6	16.0





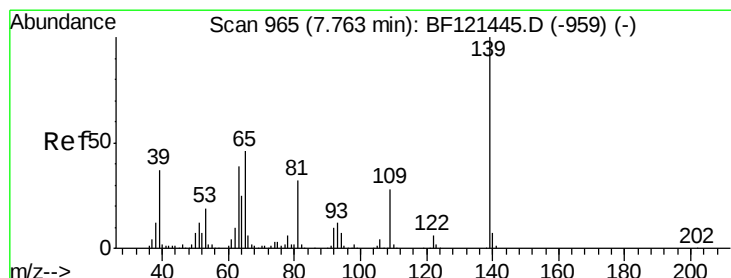
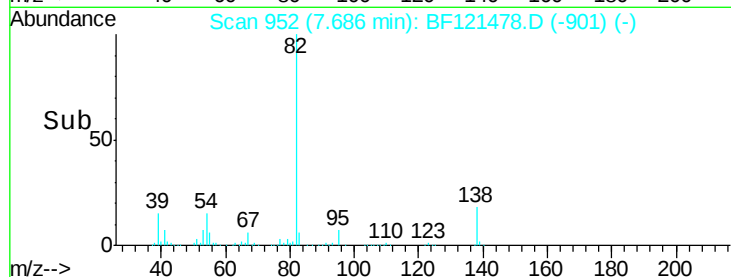
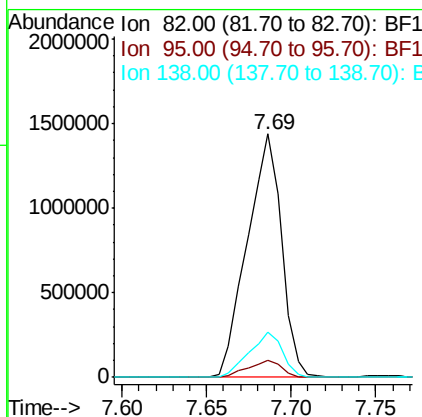
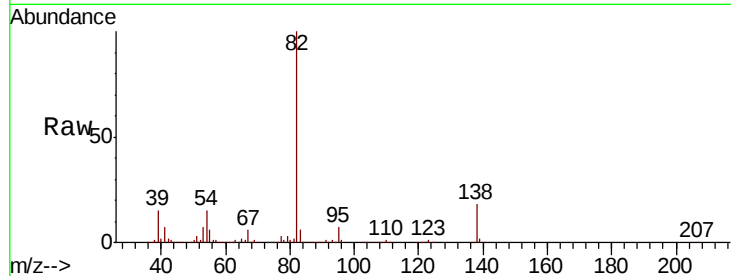
#25
Isophorone
Concen: 56.247 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.00 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Instrument :
BNA_F
ClientSampleId :
SP5251

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.6	8.4
138	18.3	14.8	22.2

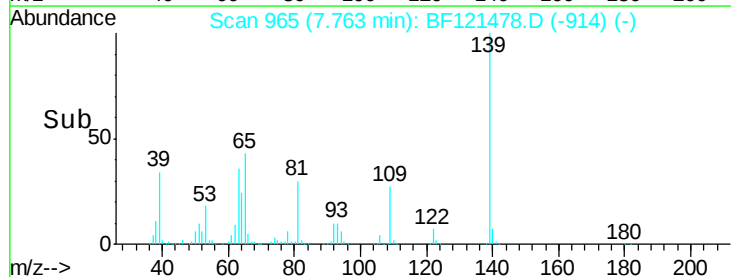
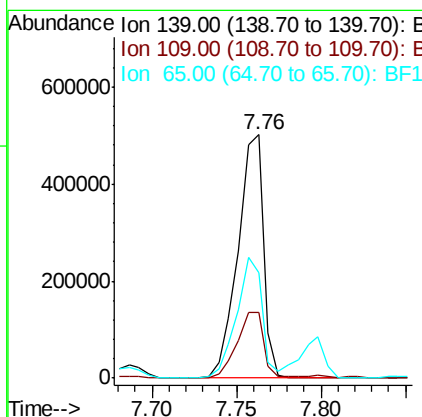
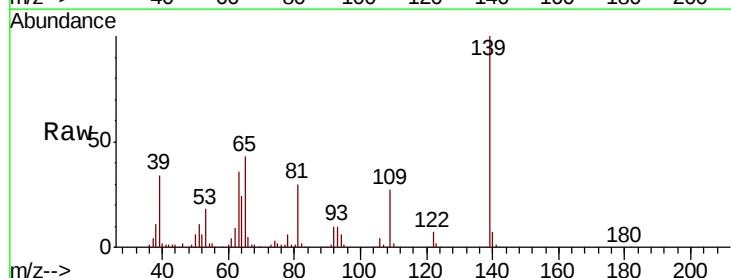
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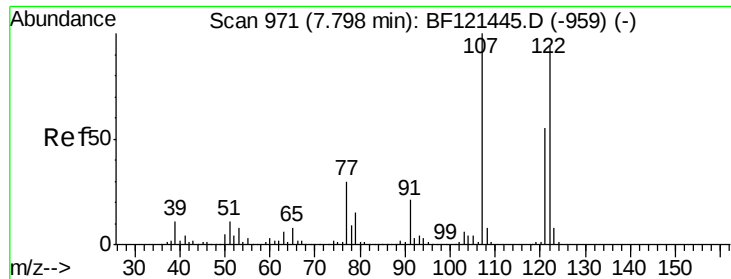
mohammad
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#26
2-Nitrophenol
Concen: 67.082 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Tgt Ion	Ratio	Lower	Upper
139	100		
109	26.7	22.1	33.1
65	43.4	37.2	55.8





#27

2,4-Dimethylphenol

Concen: 65.691 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.00 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Instrument :

BNA_F

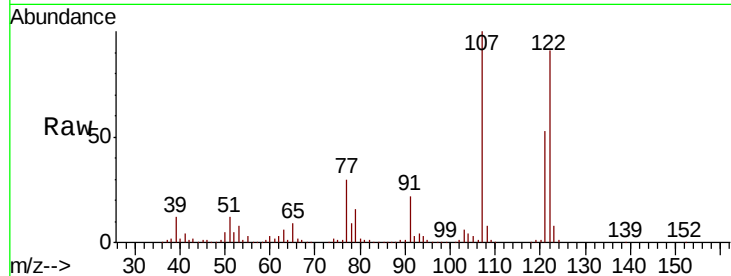
ClientSampled :

SP5251

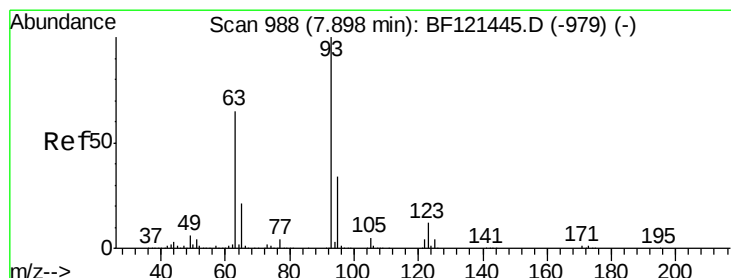
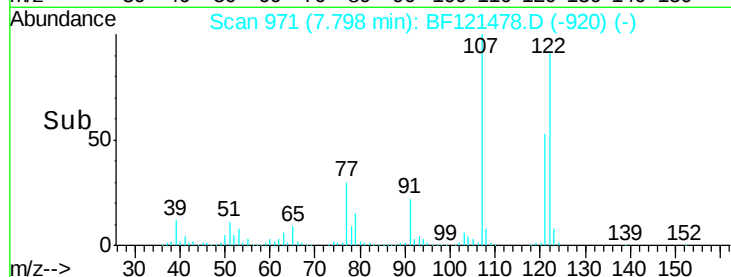
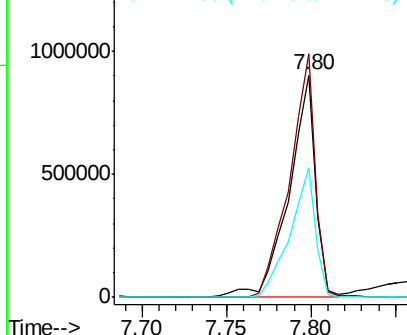
Tot Ion:	122	Resp:	985551
Ion Ratio	Lower	Upper	
122	100		
107	109.5	84.9	127.3
121	58.4	46.4	69.6

Manual Integrations
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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 53.510 ng

RT: 7.89 min Scan# 987

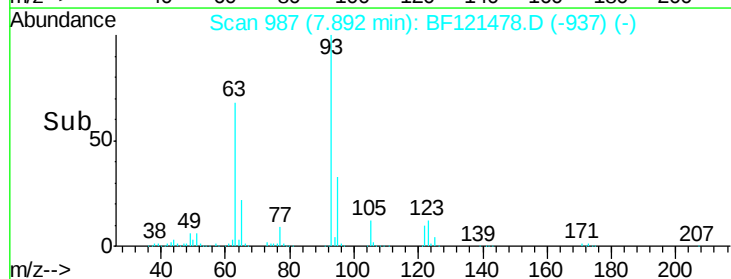
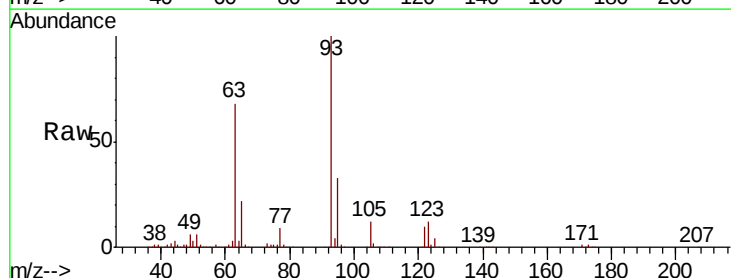
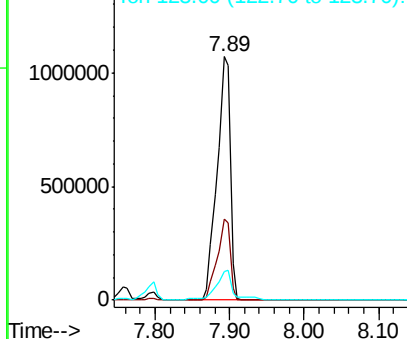
Delta R.T. -0.01 min

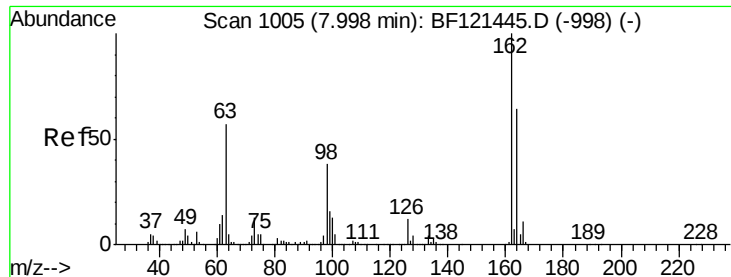
Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Tgt Ion:	93	Resp:	1316237
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.8	40.2
123	11.9	9.6	14.4

Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





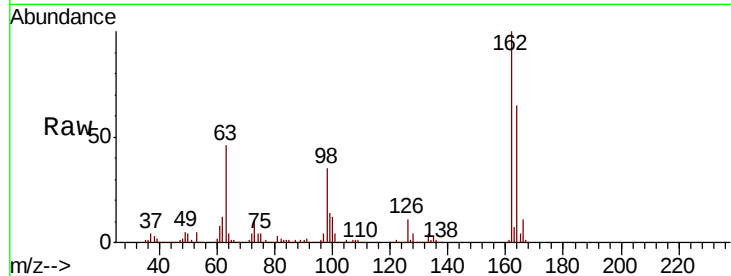
#29
2,4-Dichlorophenol
Concen: 60.462 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Instrument :
BNA_F
ClientSampled :
SP5251

Tot Ion	Ratio	Resp	Lower	Upper
162	100	895649		
164	65.0	44.0	84.0	
98	34.7	18.4	58.4	

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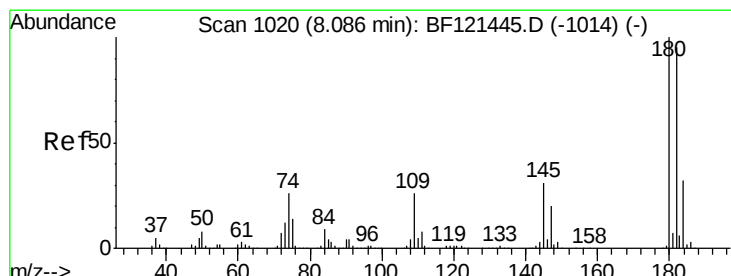
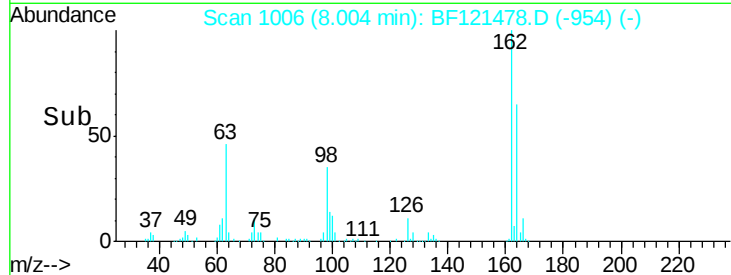
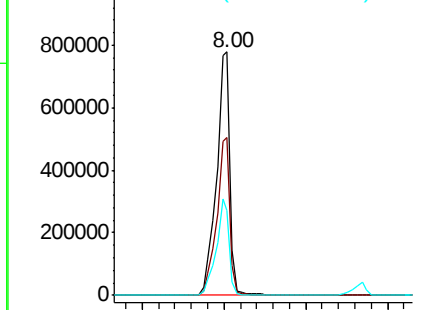


Abundance

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: 51.296 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

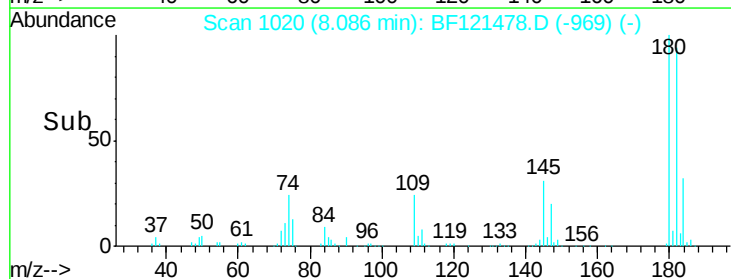
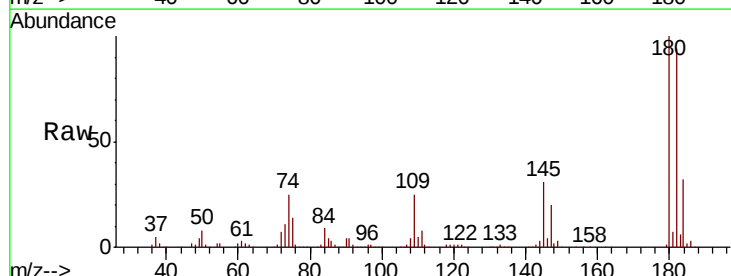
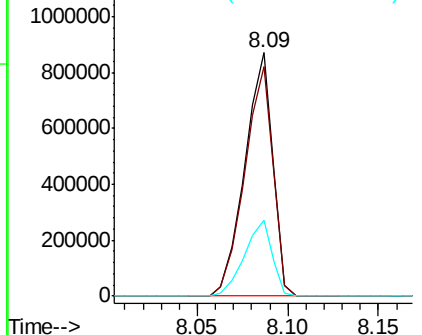
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	930858		
182	94.4	76.2	114.4	
145	31.0	25.2	37.8	

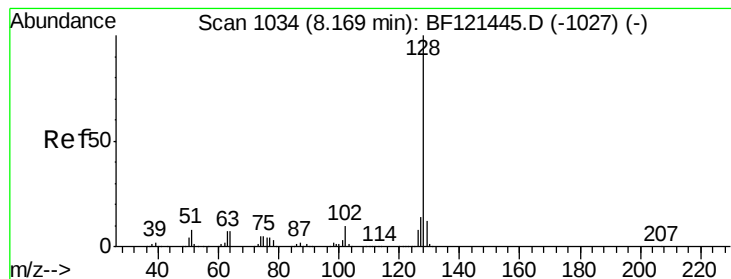
Abundance

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: 52.704 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Instrument :

BNA_F

ClientSampleId :

SP5251

Tot Ion:128 Resp: 2876892

Ion Ratio Lower Upper

128 100

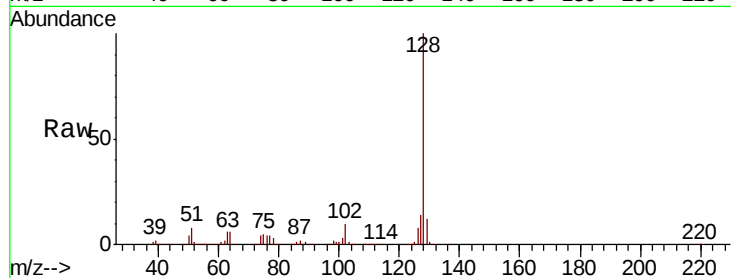
129 12.1 9.6 14.4

127 14.2 11.4 17.2

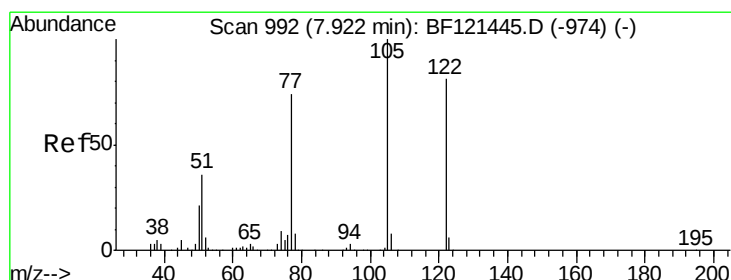
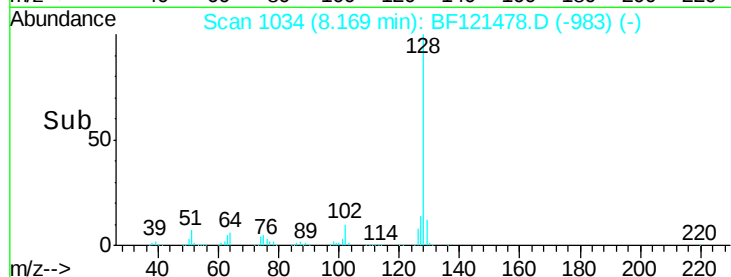
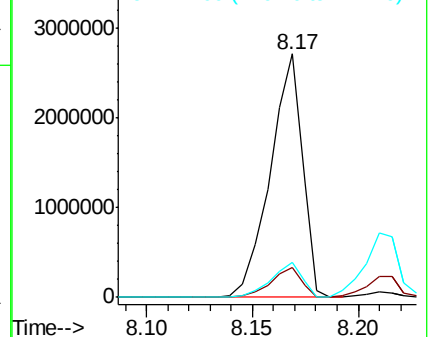
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 64.411 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.01 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

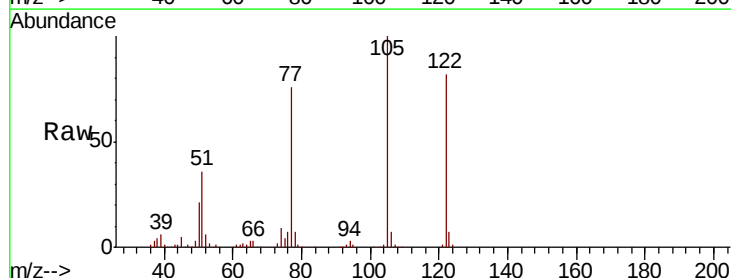
Tgt Ion:122 Resp: 711343

Ion Ratio Lower Upper

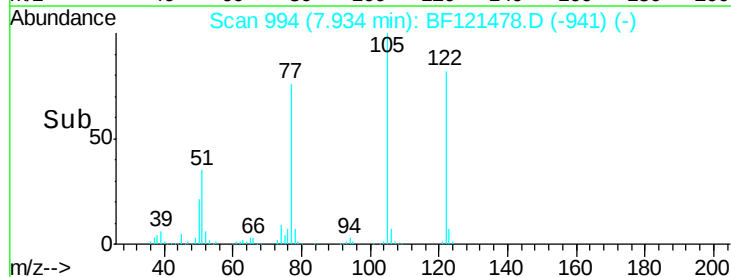
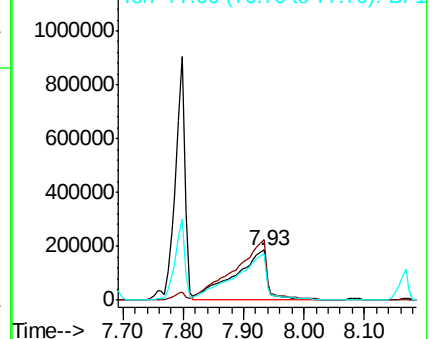
122 100

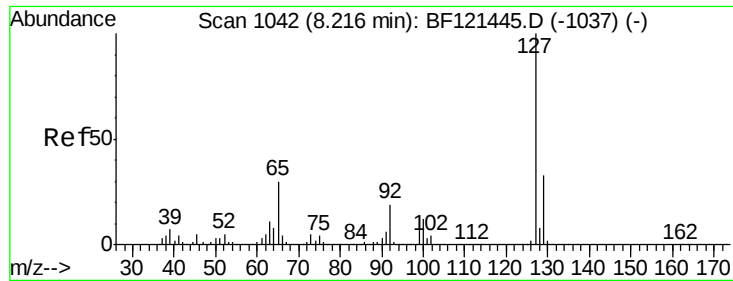
105 121.6 100.8 140.8

77 92.7 71.5 111.5



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





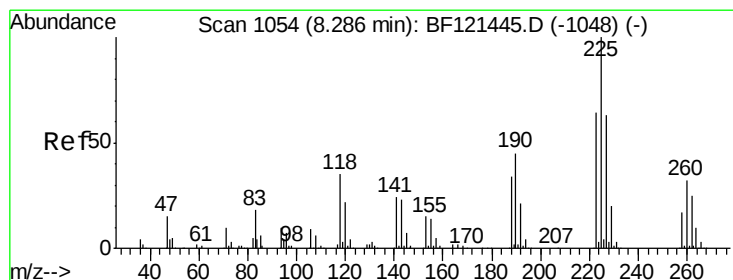
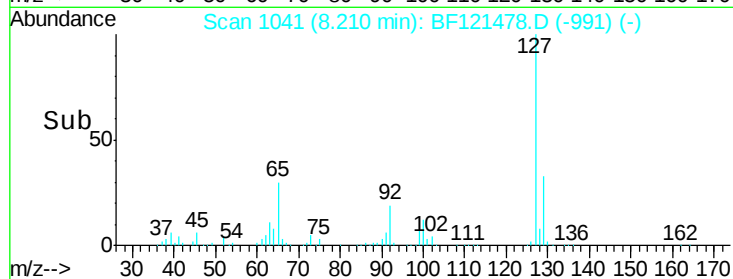
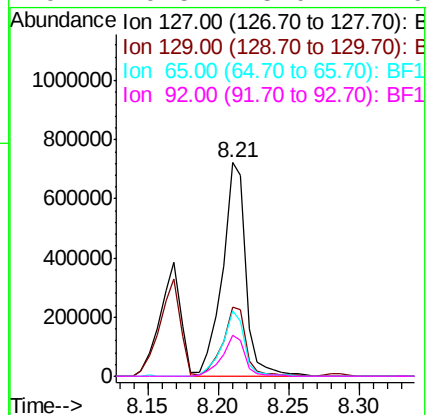
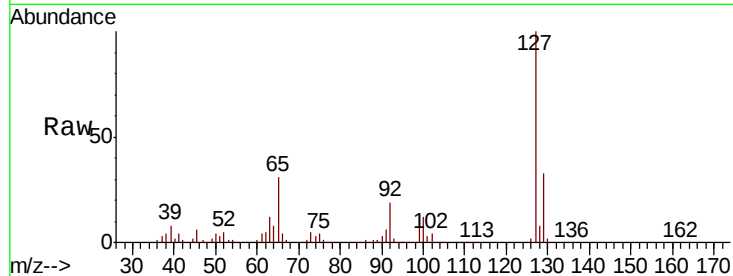
#33
4-Chloroaniline
Concen: 34.198 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Instrument :
BNA_F
ClientSampled :
SP5251

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		831416		
129	32.5	26.1	39.1		
65	30.5	23.7	35.5		
92	19.5	15.0	22.6		

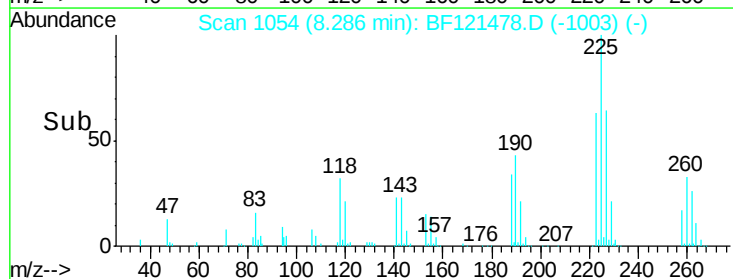
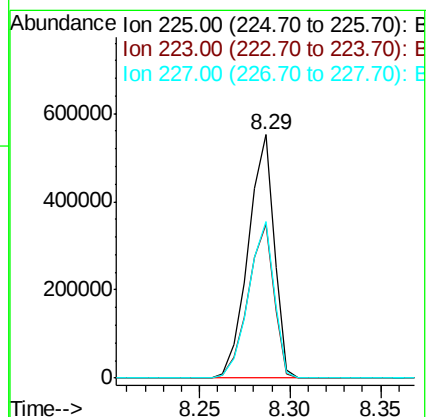
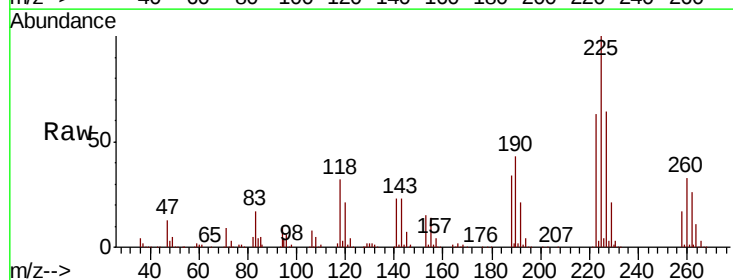
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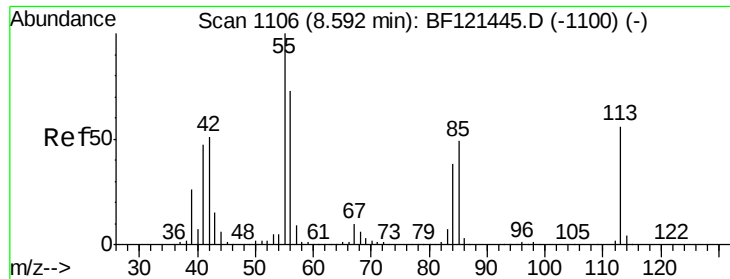
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#34
Hexachlorobutadiene
Concen: 50.787 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		548075		
223	63.4	51.0	76.4		
227	64.1	50.0	75.0		





#35

Caprolactam

Concen: 59.870 ng/mL

RT: 8.60 min Scan# 1107

Delta R.T. 0.01 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Instrument :

BNA_F

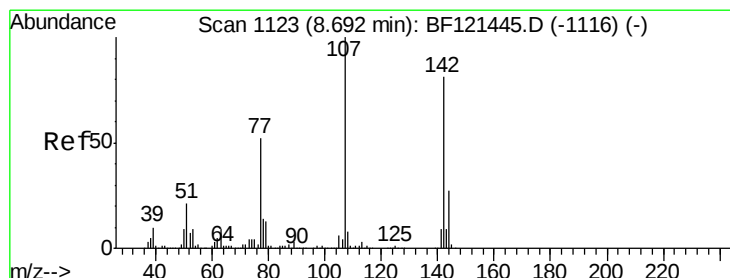
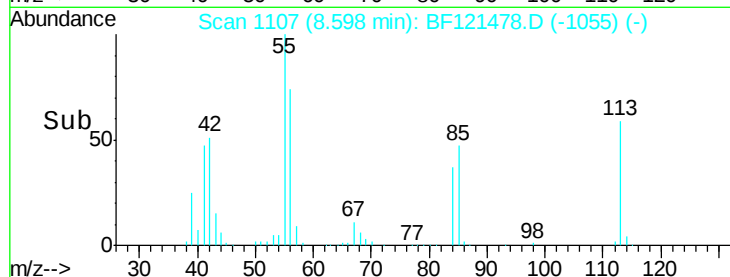
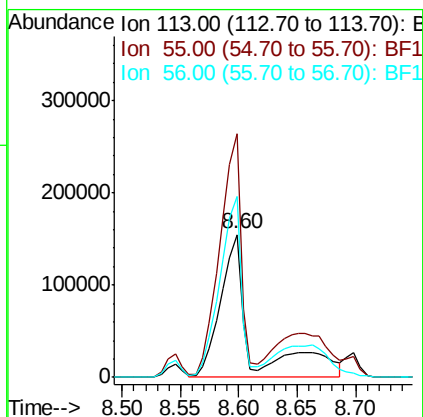
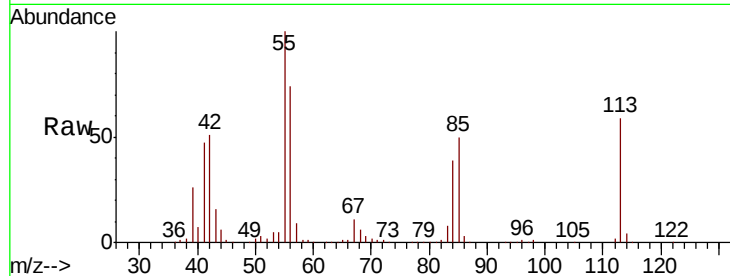
ClientSampled :

SP5251

Tot Ion:	113	Resp:	289261
Ion Ratio	Lower	Upper	
113	100		
55	170.7	159.9	199.9
56	126.9	111.4	151.4

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#36

4-Chloro-3-methylphenol

Concen: 60.077 ng/mL

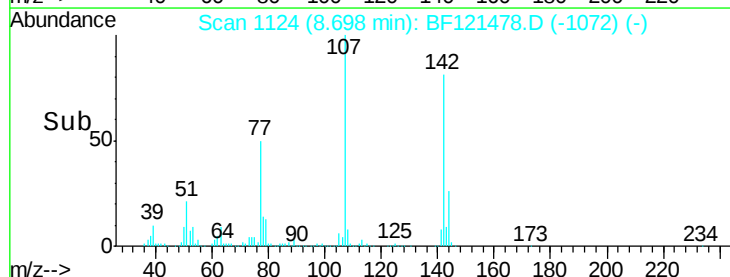
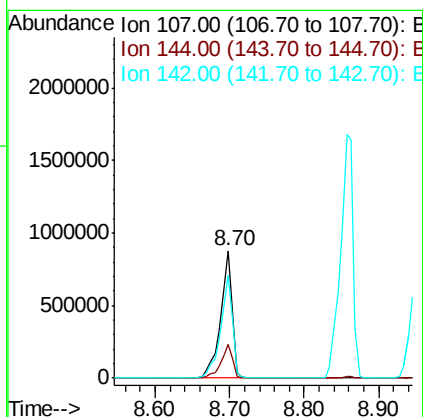
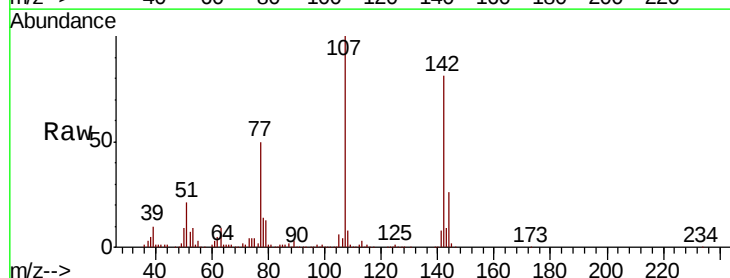
RT: 8.70 min Scan# 1124

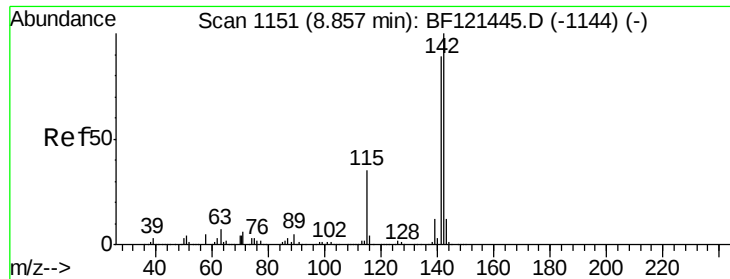
Delta R.T. 0.01 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Tgt Ion:	107	Resp:	938321
Ion Ratio	Lower	Upper	
107	100		
144	26.1	21.4	32.2
142	81.2	65.0	97.4





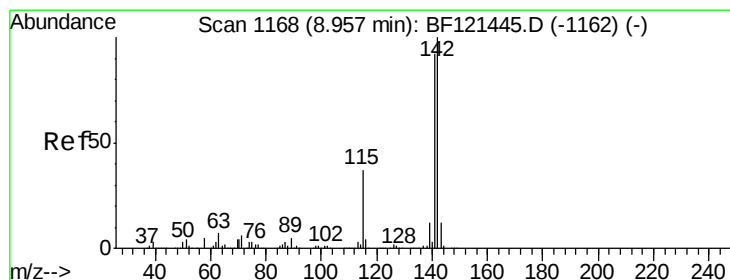
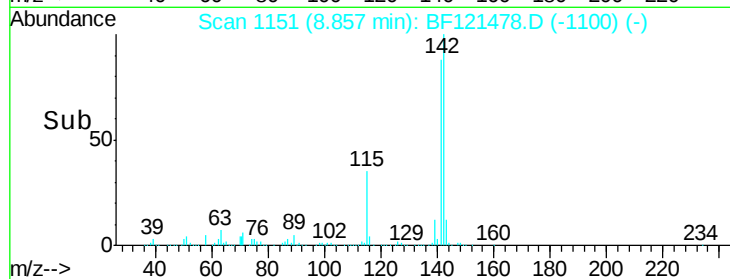
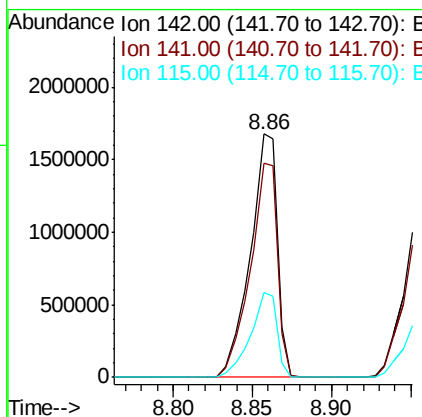
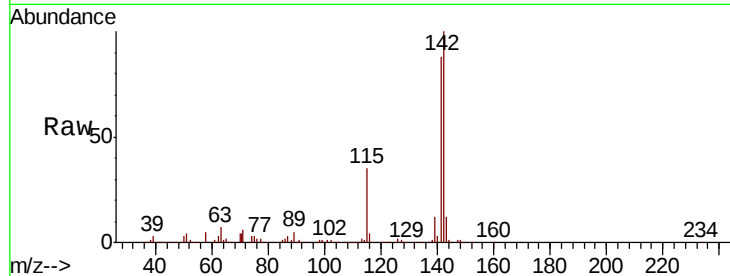
#37
2-Methylnaphthalene
Concen: 55.256 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Instrument :
BNA_F
ClientSampleId :
SP5251

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.8	106.2
115	35.0	28.2	42.4

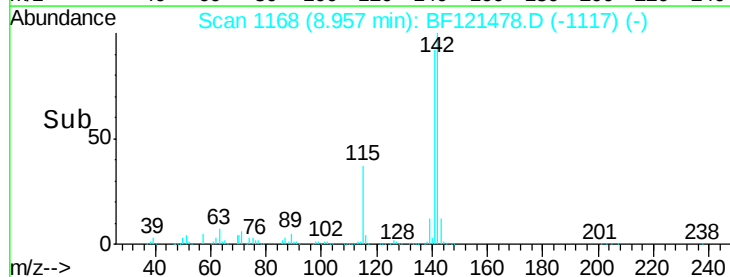
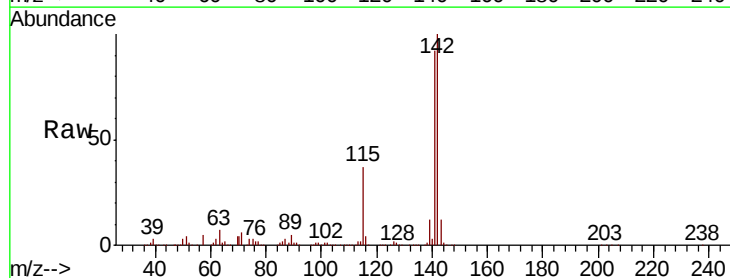
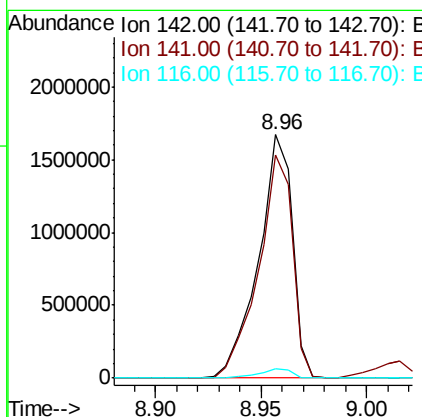
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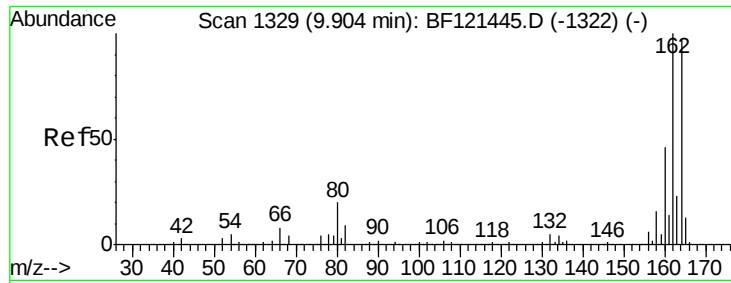
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#38
1-Methylnaphthalene
Concen: 54.513 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.7	110.5
116	3.8	3.1	4.7





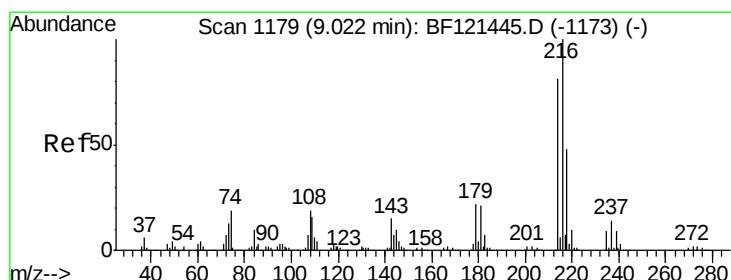
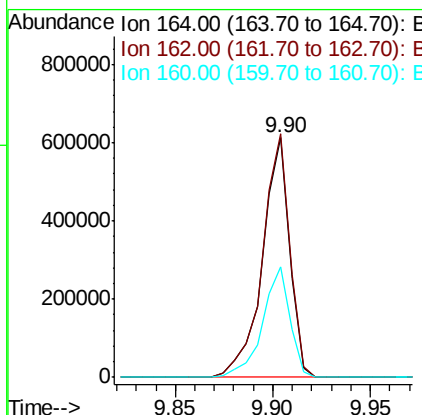
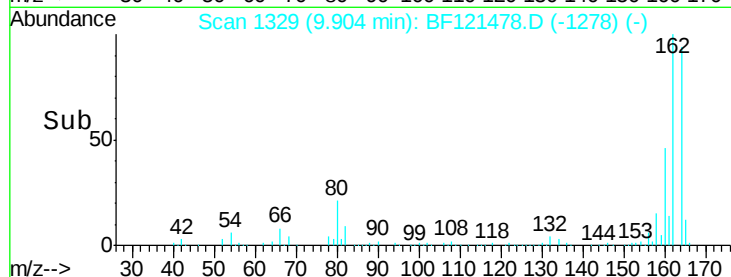
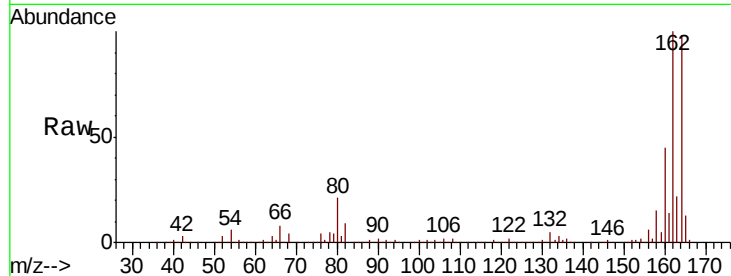
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SP5251

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.6	82.4	123.6	
160	46.1	37.6	56.4	

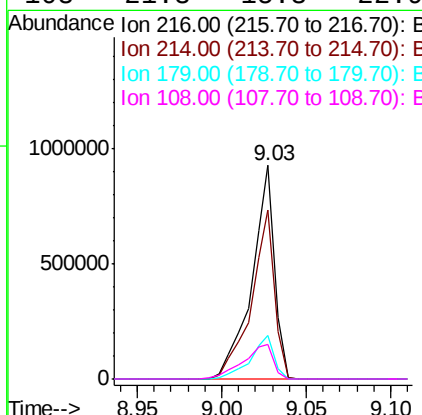
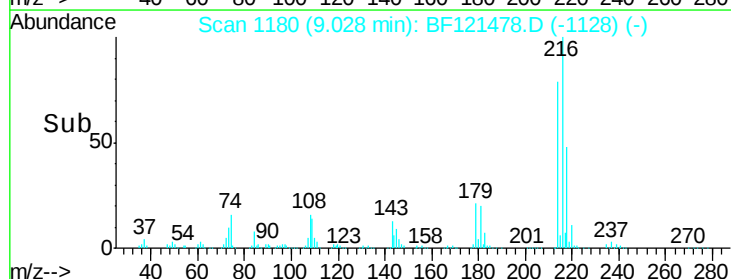
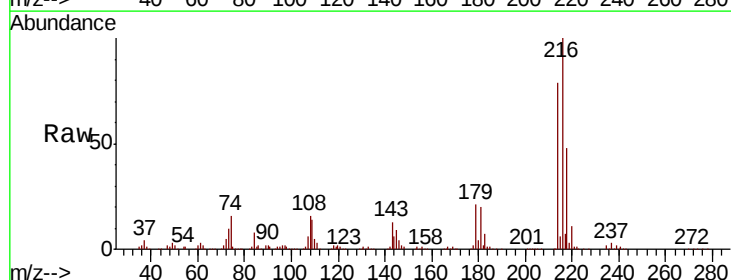
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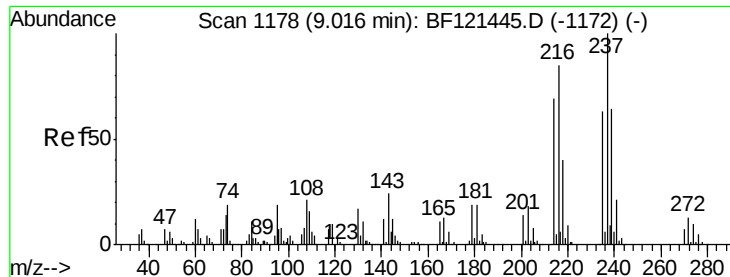
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.906 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.0	64.2	96.4	
179	21.2	17.0	25.4	
108	21.3	15.3	22.9	





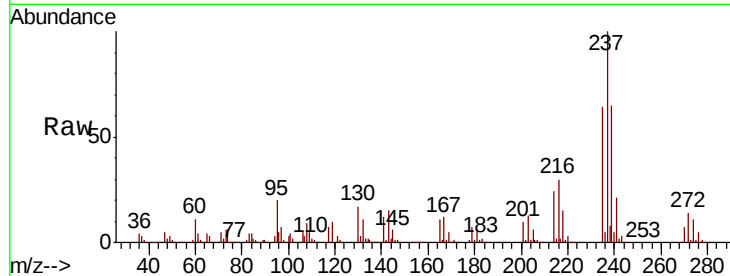
#41
Hexachlorocyclopentadiene
Concen: 145.026 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Instrument :
BNA_F
ClientSampleId :
SP5251

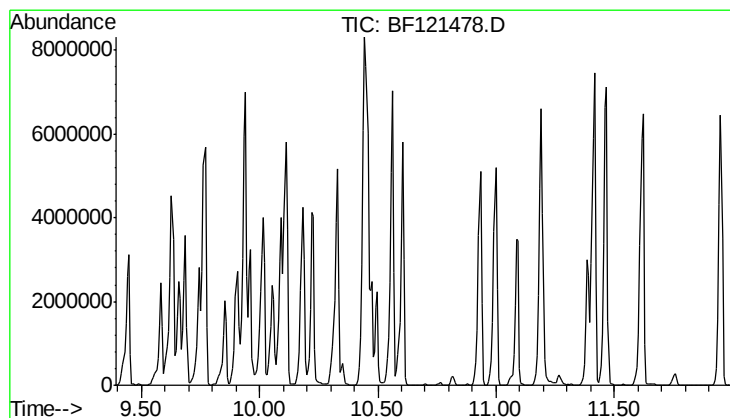
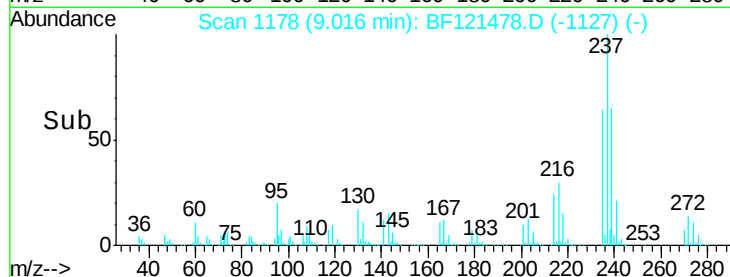
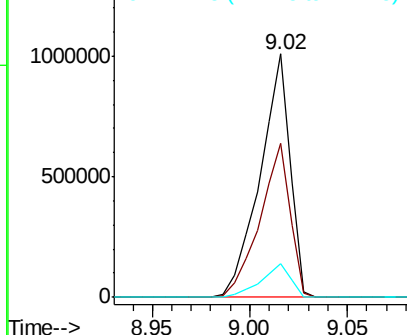
Tot Ion	Ion	Ratio	Lower	Upper
1072519	237	100		
	235	63.5	42.9	82.9
	272	13.6	0.0	33.1

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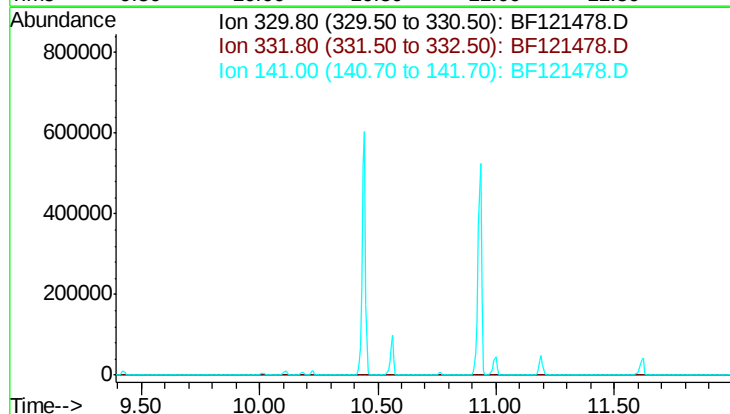
Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

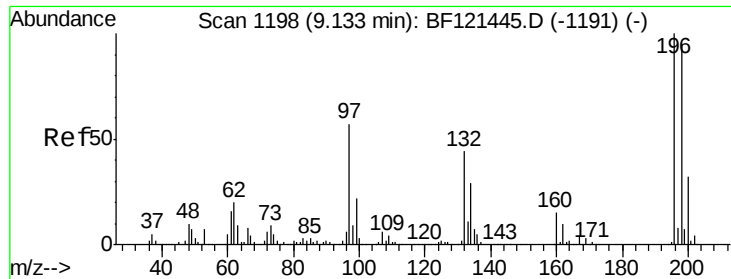


#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.69 min

Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Tgt Ion	Sig	Exp Ratio
330	100	
332	95.2	
141	30.7	





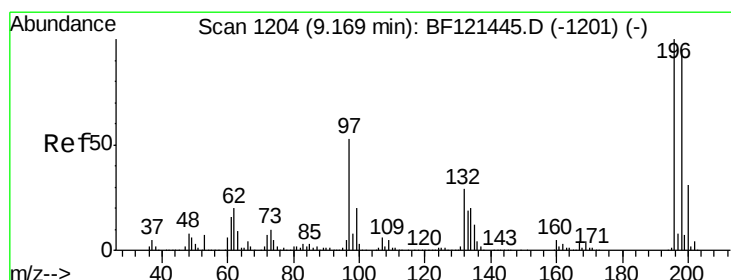
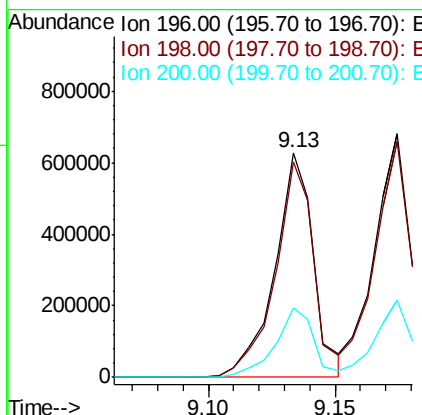
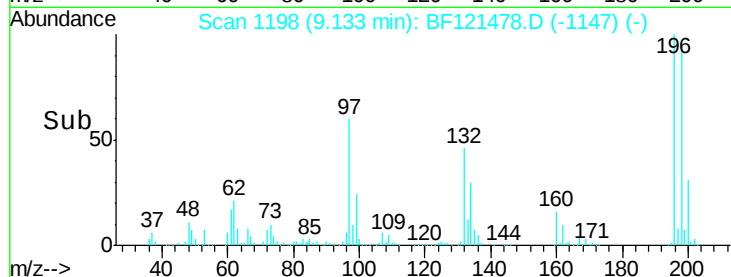
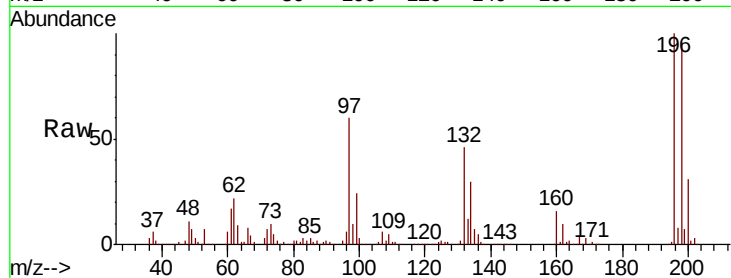
#43
 2,4,6-Trichlorophenol
 Concen: 60.296 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

Instrument :
 BNA_F
 ClientSampled :
 SP5251

Tot Ion:	196	Resp:	670213
Ion Ratio	Lower	Upper	
196	100		
198	95.9	75.8	113.6
200	30.7	25.3	37.9

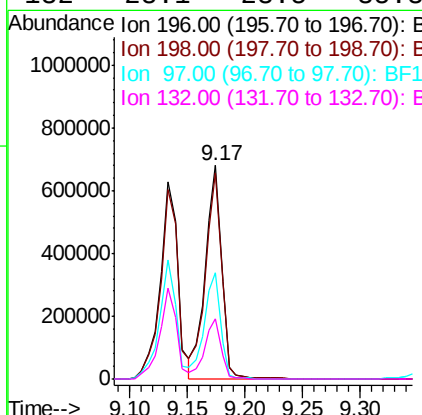
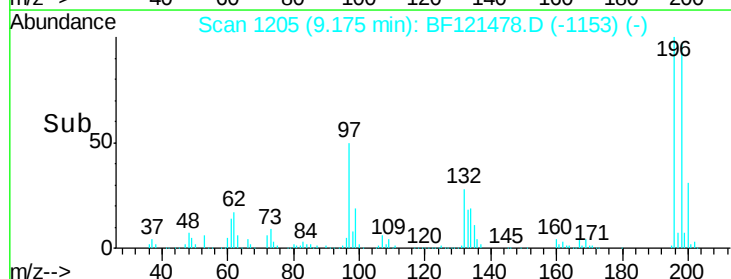
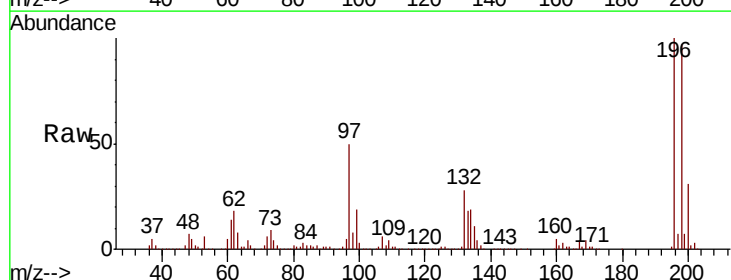
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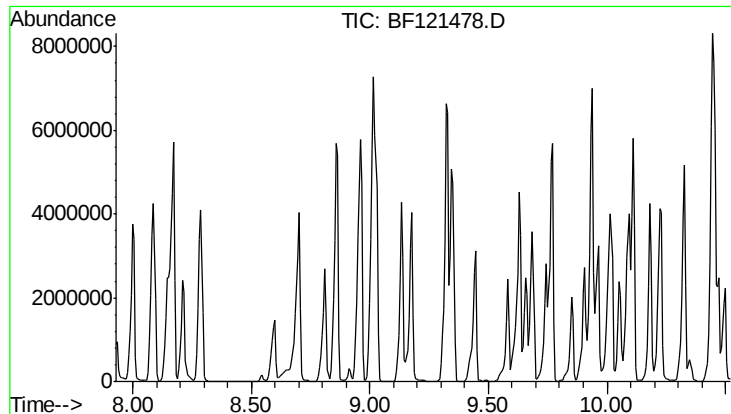
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#44
 2,4,5-Trichlorophenol
 Concen: 61.578 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

Tgt Ion:	196	Resp:	676831
Ion Ratio	Lower	Upper	
196	100		
198	96.7	76.2	114.2
97	49.7	42.6	64.0
132	28.1	23.5	35.3





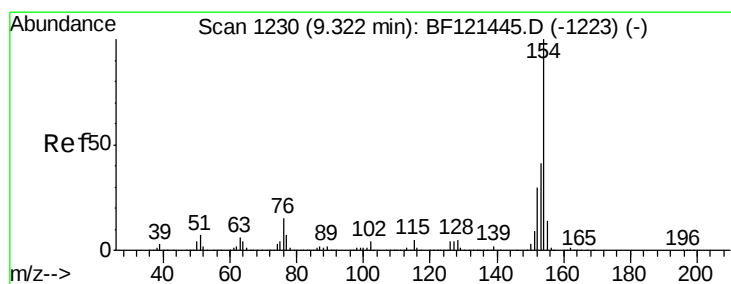
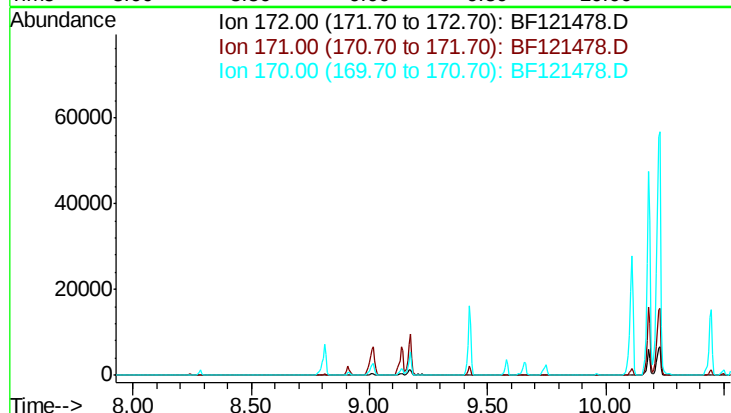
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.23 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Instrument :
BNA_F
ClientSampleId :
SP5251

Tot Ion: 172
Sig Exp Ratio
172 100
171 38.2
170 25.8

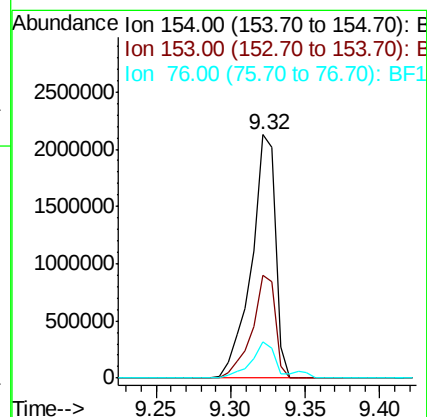
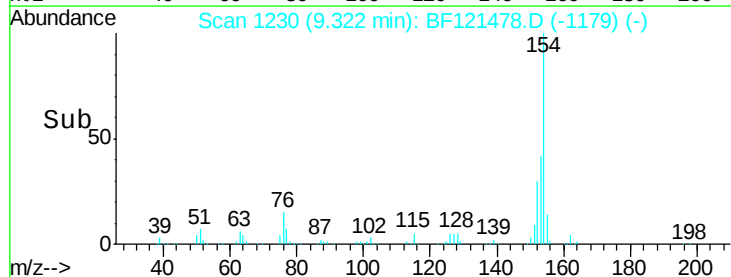
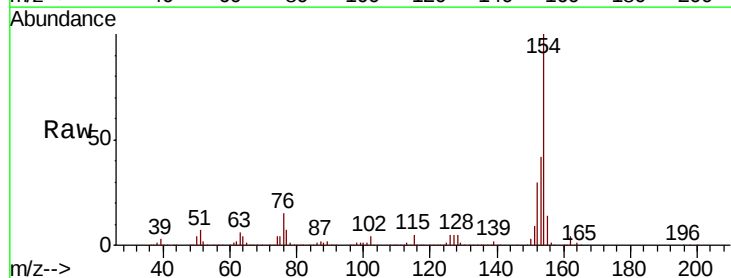
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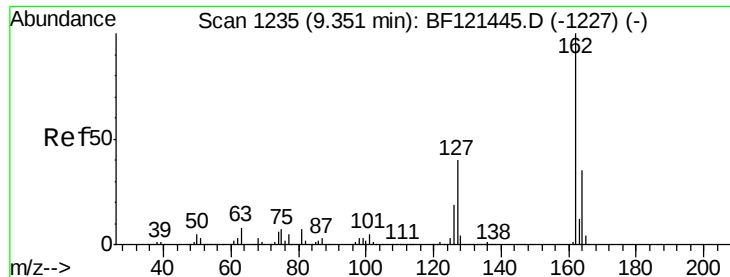
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#46
1,1'-Biphenyl
Concen: 52.720 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Tgt Ion: 154 Resp: 2360134
Ion Ratio Lower Upper
154 100
153 42.4 21.2 61.2
76 15.1 0.0 35.2





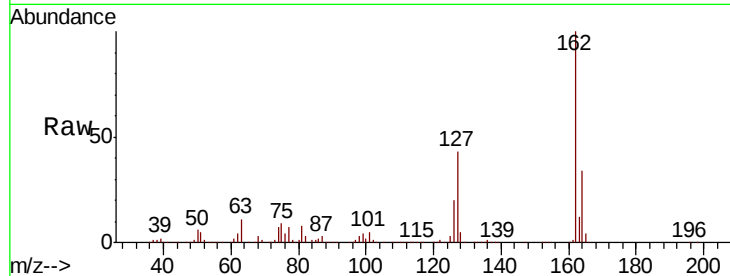
#47
 2-Chloronaphthalene
 Concen: 49.696 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SP5251

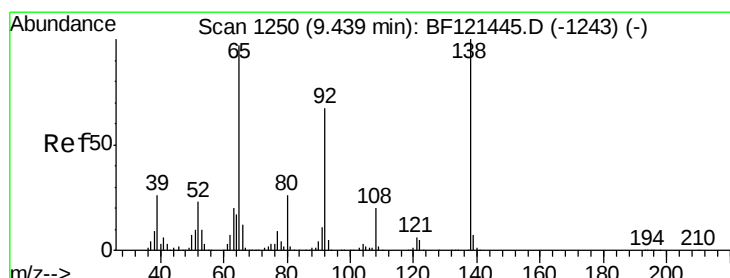
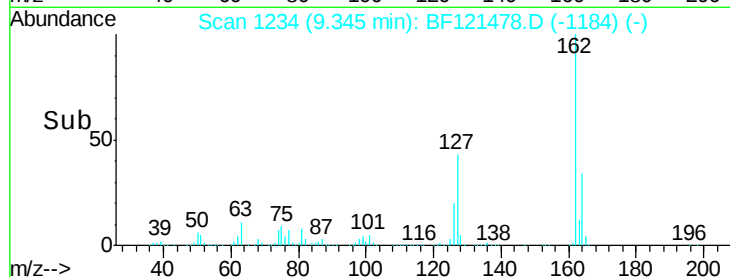
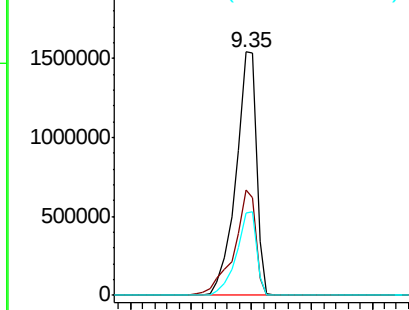
Tot Ion	Ratio	Lower	Upper
162	100		
127	43.2	32.6	48.8
164	33.8	27.8	41.6

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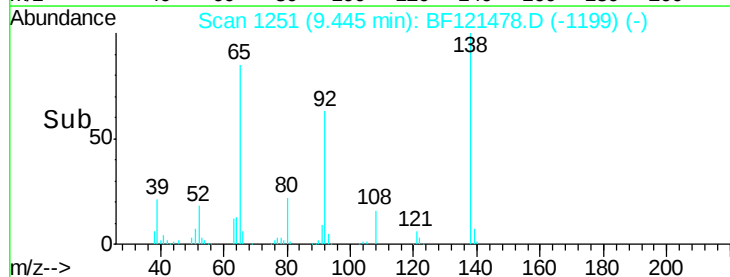
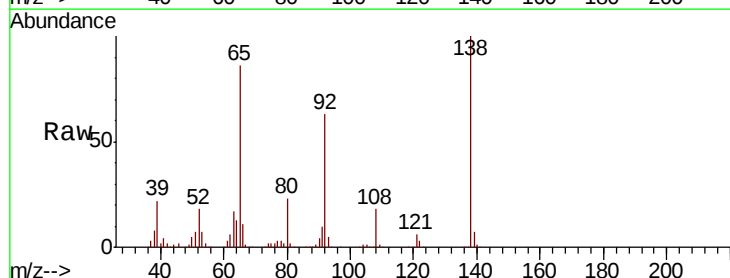
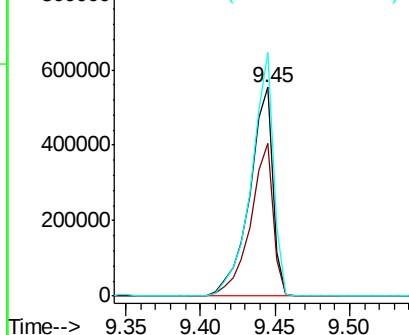
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

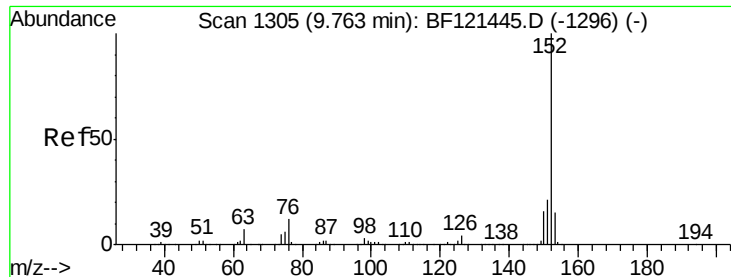


#48
 2-Nitroaniline
 Concen: 56.418 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.01 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.1	55.6	83.4
138	116.5	82.9	124.3

Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 52.589 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Instrument :

BNA_F

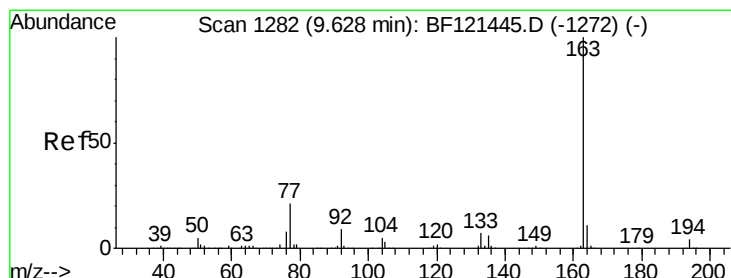
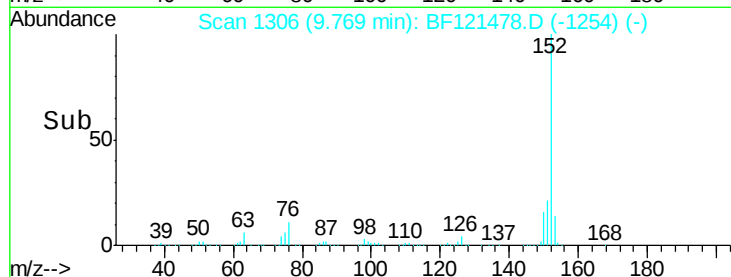
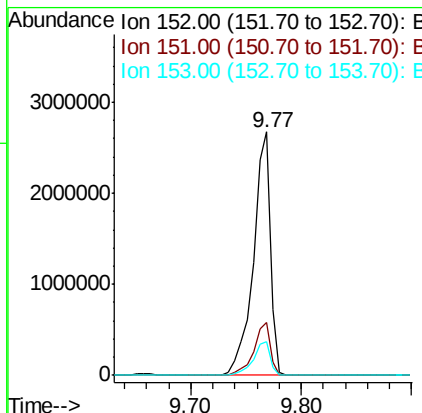
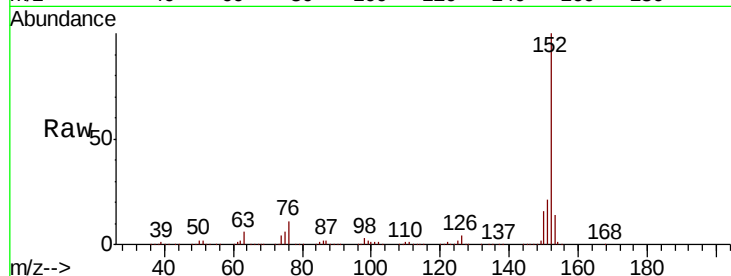
ClientSampleId :

SP5251

Tot Ion:	152	Resp:	2902603
Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.2	25.8
153	14.0	11.6	17.4

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#50

Dimethylphthalate

Concen: 54.528 ng

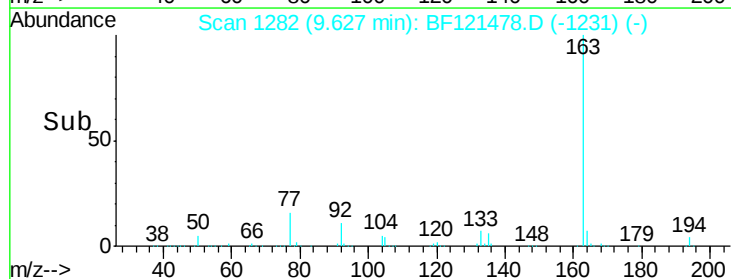
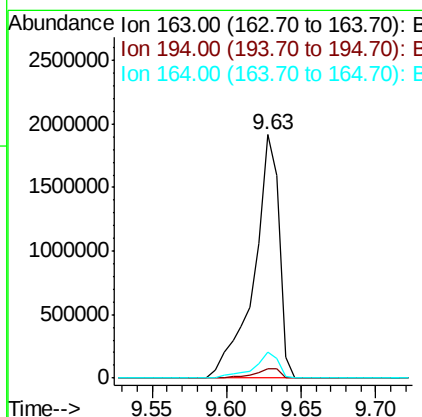
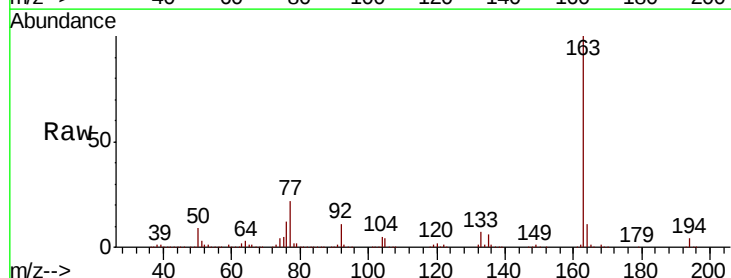
RT: 9.63 min Scan# 1282

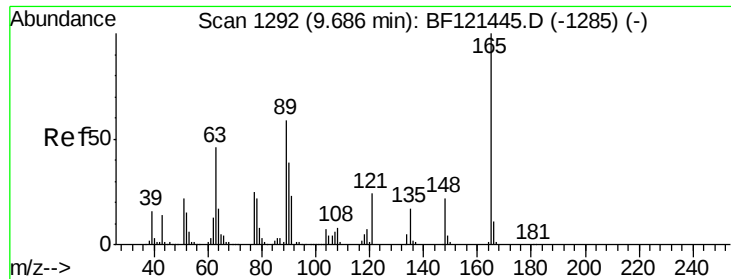
Delta R.T. -0.00 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Tgt Ion:	163	Resp:	2222097
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.9	8.6	12.8





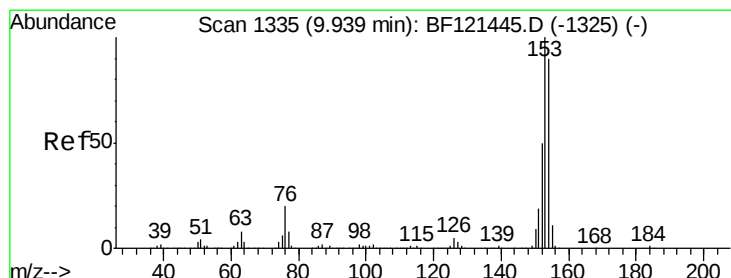
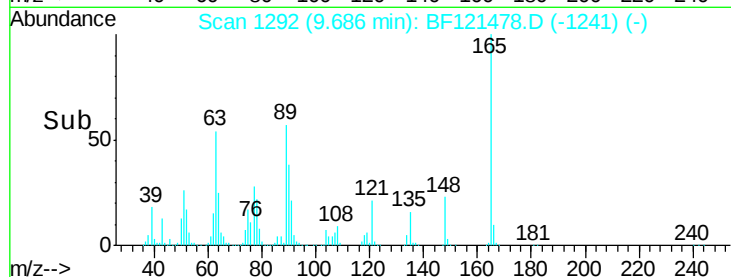
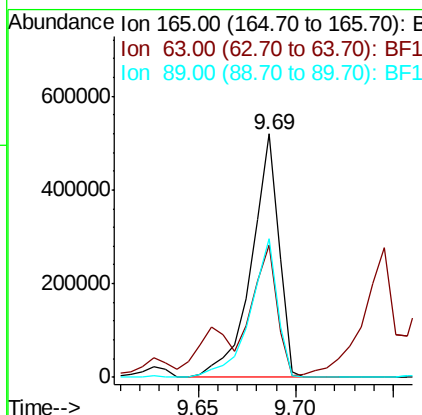
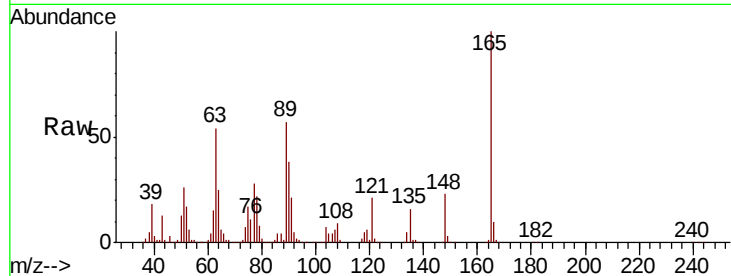
#51
 2,6-Dinitrotoluene
 Concen: 63.767 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

Instrument :
 BNA_F
 ClientSampled :
 SP5251

Tot Ion	Ratio	Resp	Lower	Upper
165	100	505612		
63	54.1	43.6	65.4	
89	56.8	47.4	71.2	

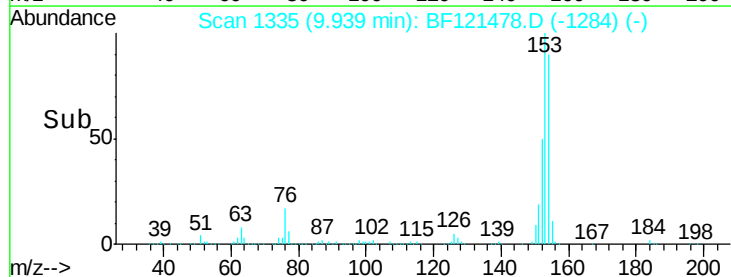
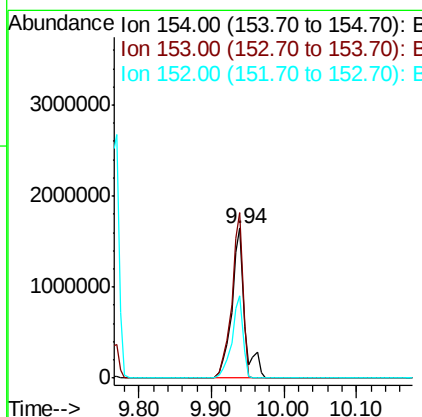
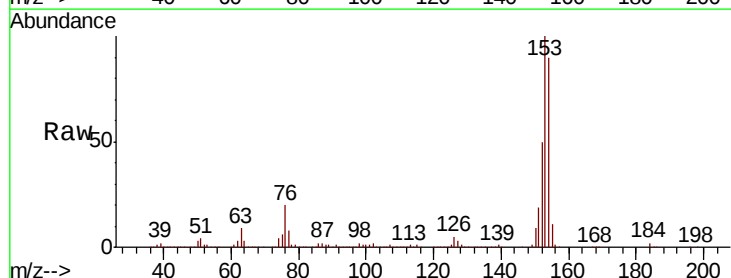
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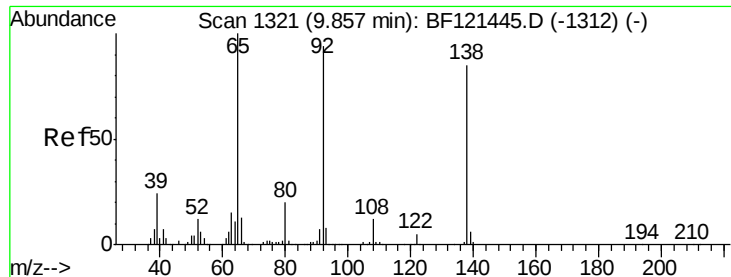
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#52
 Acenaphthene
 Concen: 57.870 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	2016840		
153	110.6	88.9	133.3	
152	55.4	44.1	66.1	





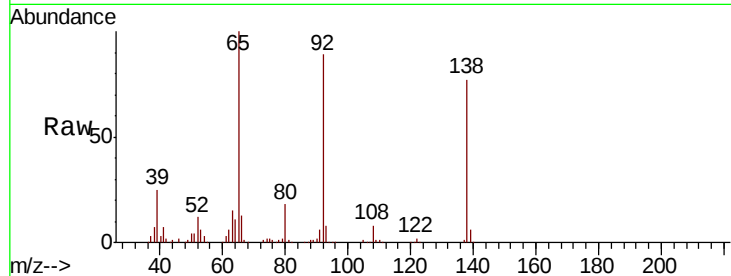
#53
3-Nitroaniline
Concen: 38.573 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Instrument :
BNA_F
ClientSampled :
SP5251

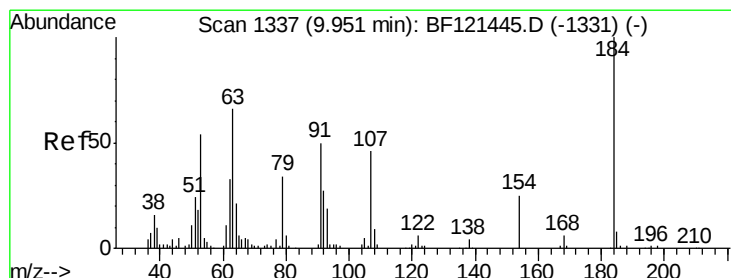
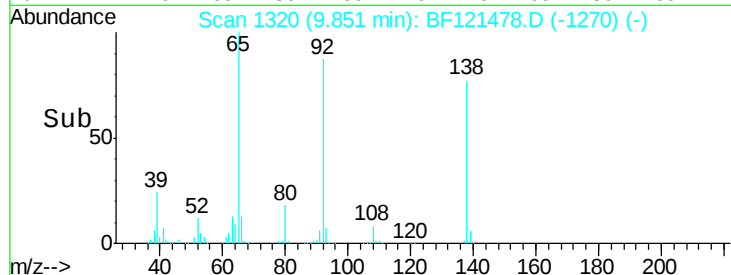
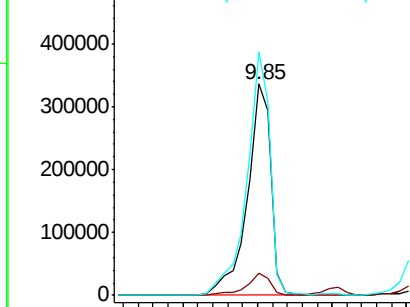
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	11.6	17.4#
92	115.3	88.6	132.8

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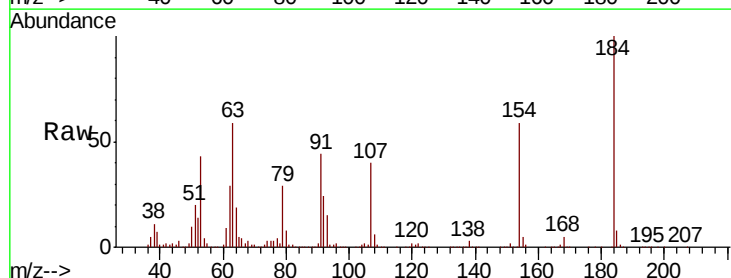


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

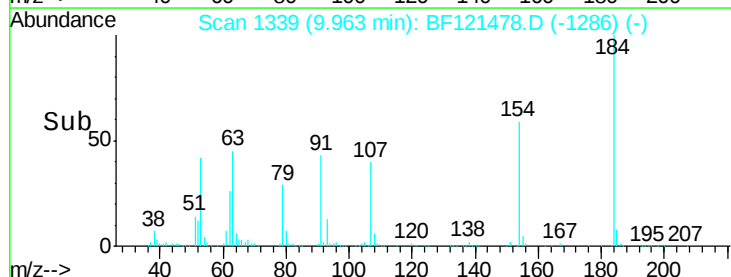
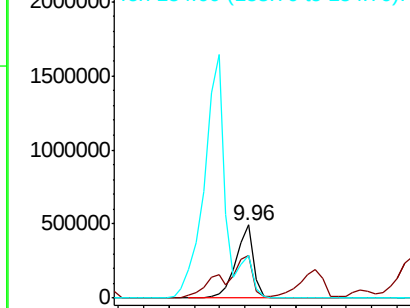


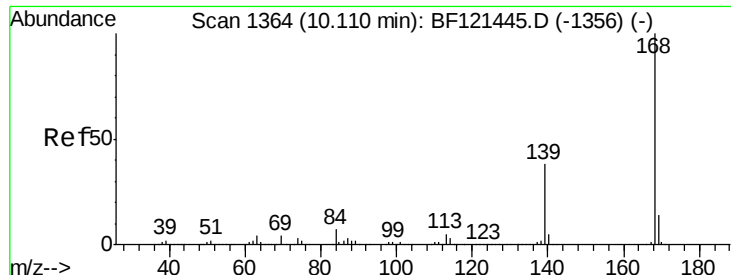
#54
2,4-Dinitrophenol
Concen: 104.726 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.5	56.8	85.2
154	58.7	55.9	83.9



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





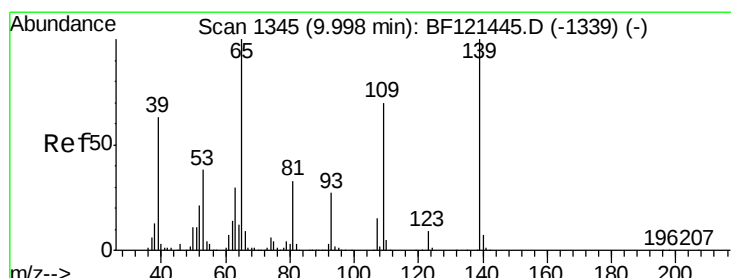
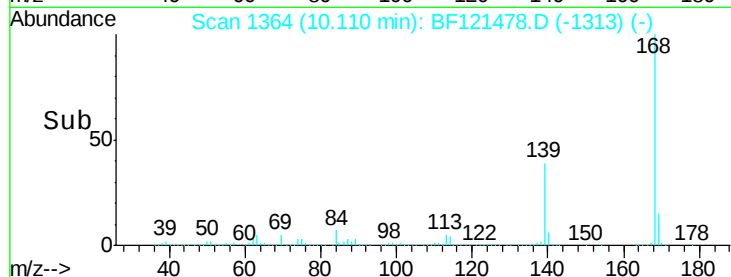
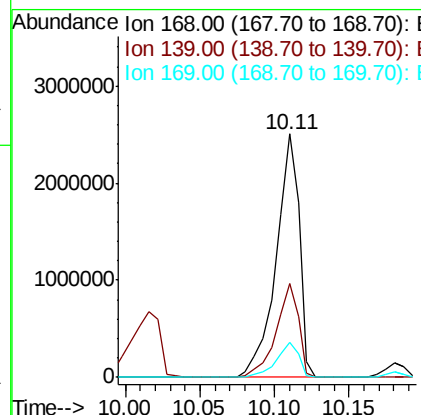
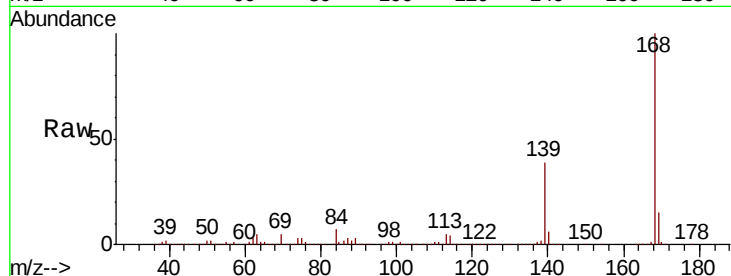
#55
Dibenzofuran
Concen: 53.154 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Instrument :
BNA_F
ClientSampleId :
SP5251

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.7	30.1	45.1
169	14.5	11.2	16.8

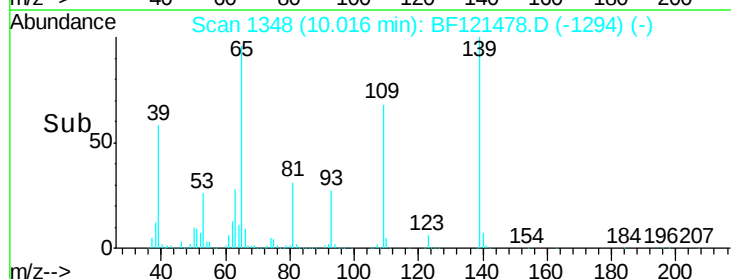
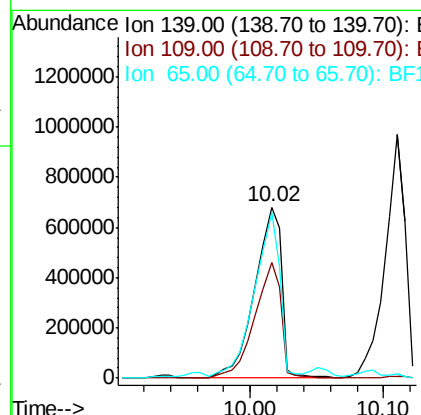
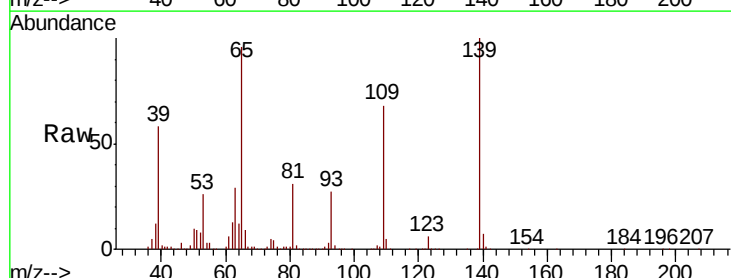
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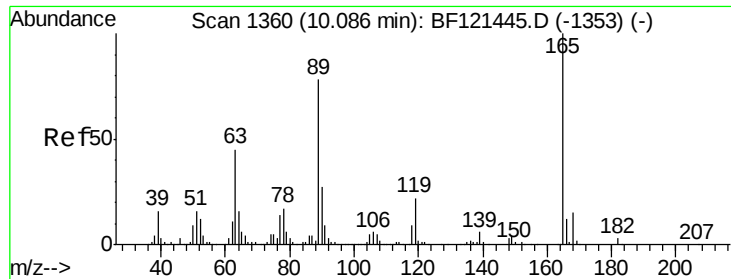
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#56
4-Nitrophenol
Concen: 114.797 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.02 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.7	50.5	90.5
65	96.4	80.2	120.2





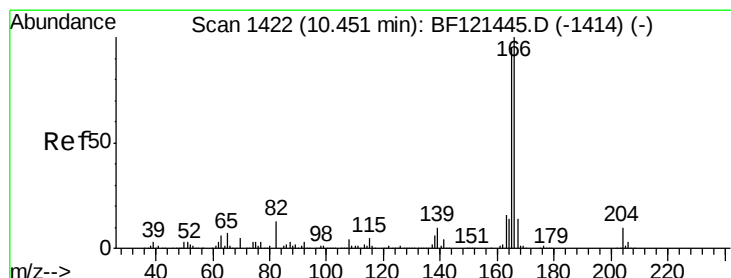
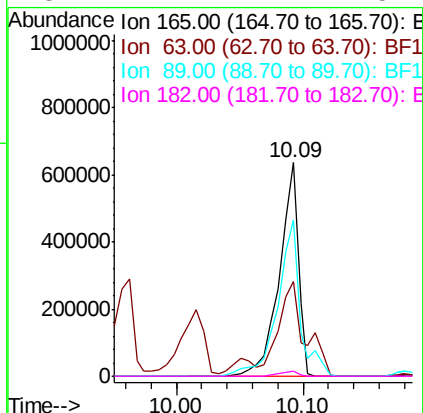
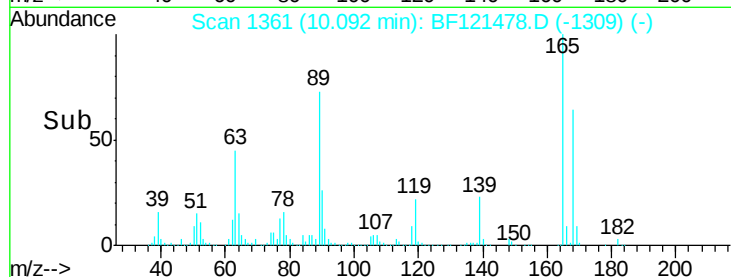
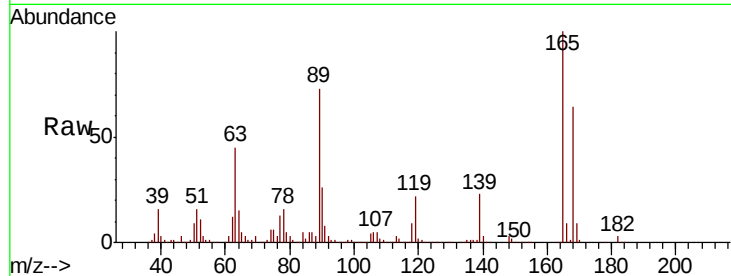
#57
2,4-Dinitrotoluene
Concen: 66.919 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Instrument :
BNA_F
ClientSampled :
SP5251

Tot Ion	Ratio	Resp	Lower	Upper
165	100	660963		
63	44.6	36.0	54.0	
89	72.8	62.6	93.8	
182	2.7	2.2	3.2	

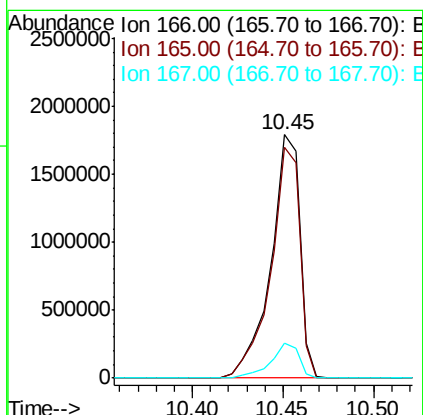
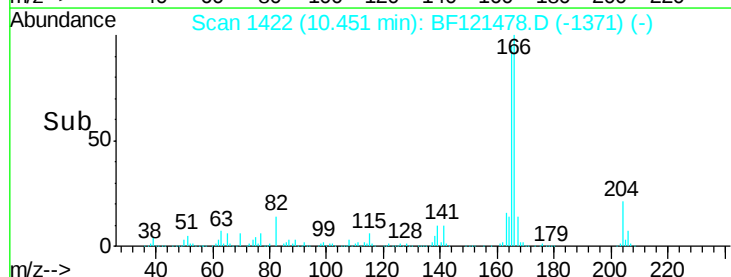
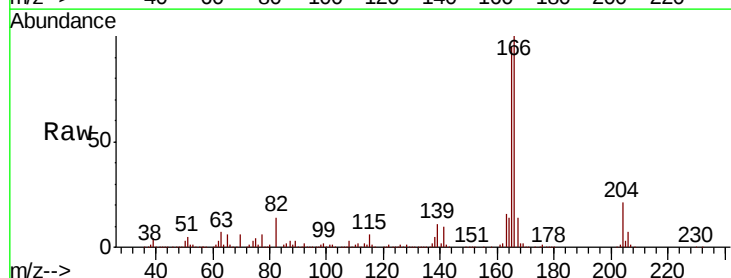
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#58
Fluorene
Concen: 52.317 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1996647		
165	95.0	75.7	113.5	
167	14.2	11.1	16.7	





#59

2,3,4,6-Tetrachlorophenol

Concen: 64.509 ng

RT: 10.23 min Scan# 1384

Delta R.T. 0.01 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Instrument :

BNA_F

ClientSampled :

SP5251

Tot Ion:232 Resp: 590325
Ion Ratio Lower Upper

232 100

131 43.5 35.7 53.5

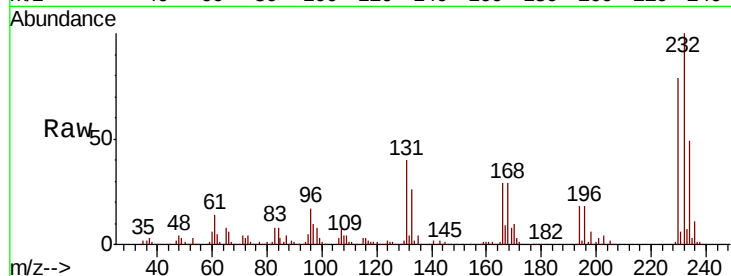
130 2.2 1.8 2.6

166 29.8 24.1 36.1

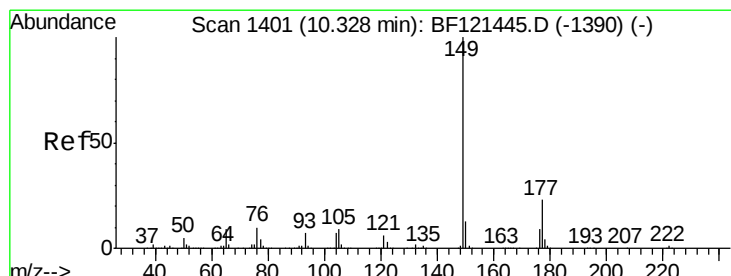
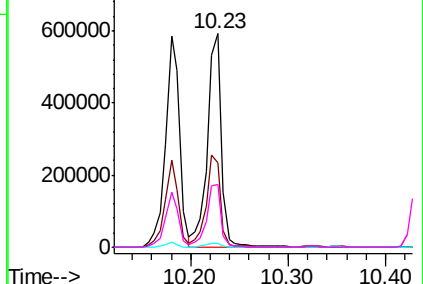
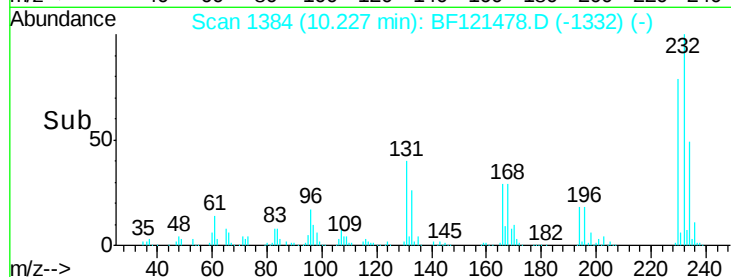
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Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 54.229 ng

RT: 10.33 min Scan# 1401

Delta R.T. -0.00 min

Lab File: BF121478.D

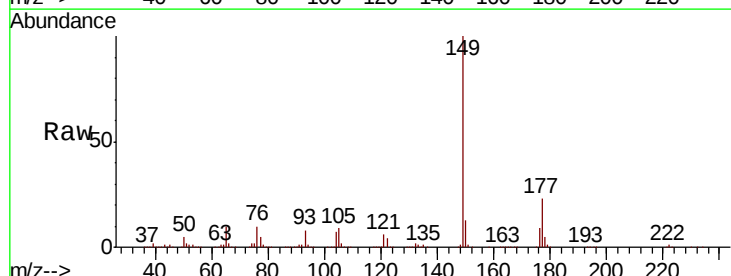
Acq: 31 Aug 2020 15:18

Tgt Ion:149 Resp: 2220260
Ion Ratio Lower Upper

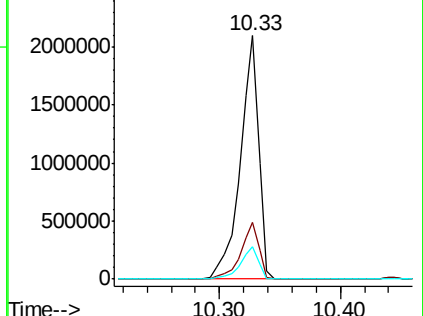
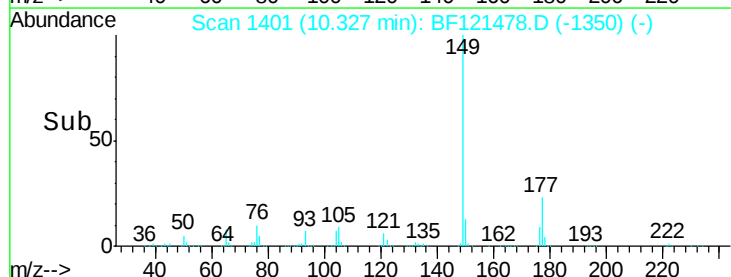
149 100

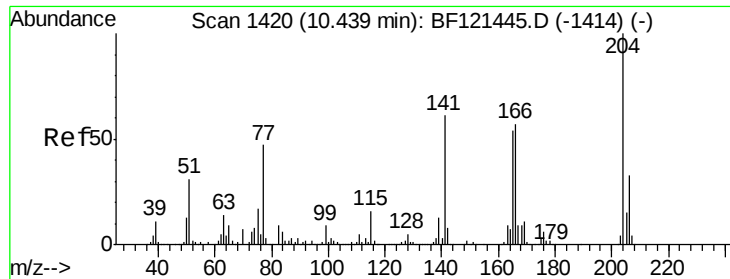
177 23.5 18.3 27.5

150 13.3 10.4 15.6



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





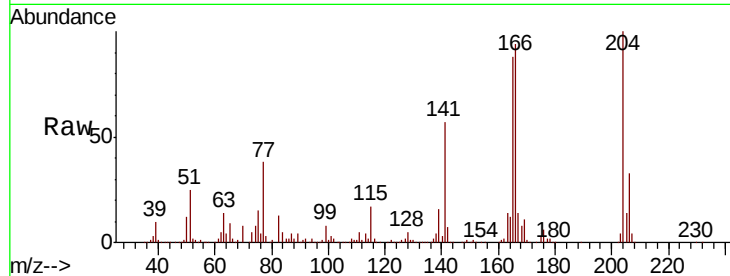
#61
 4-Chlorophenyl-phenylether
 Concen: 51.725 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.01 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

Instrument :
 BNA_F
 ClientSampled :
 SP5251

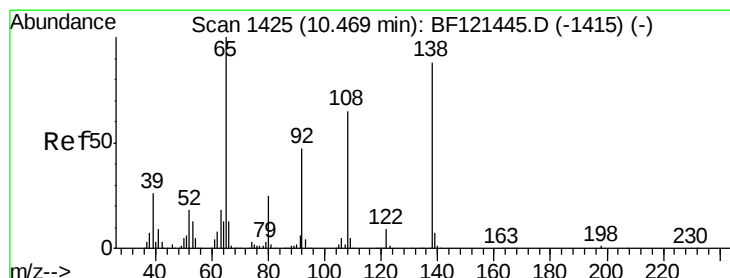
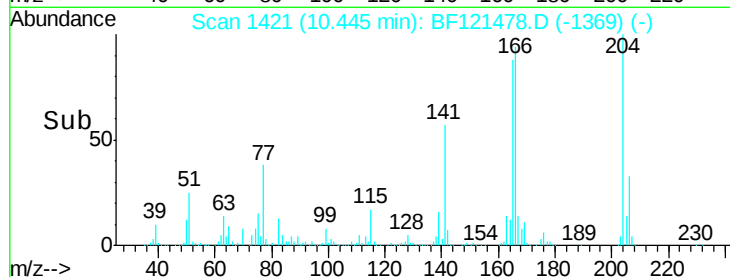
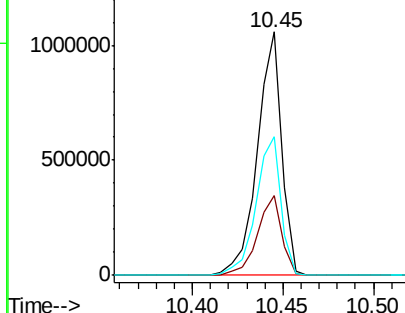
Tot Ion:	204	Resp:	989066
Ion Ratio	Lower	Upper	
204	100		
206	32.9	26.3	39.5
141	57.1	48.7	73.1

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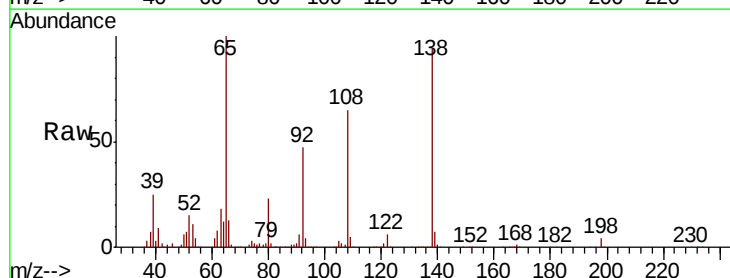


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

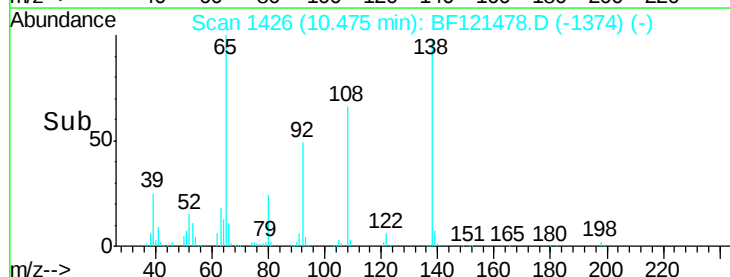
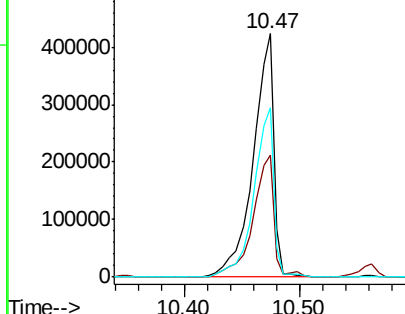


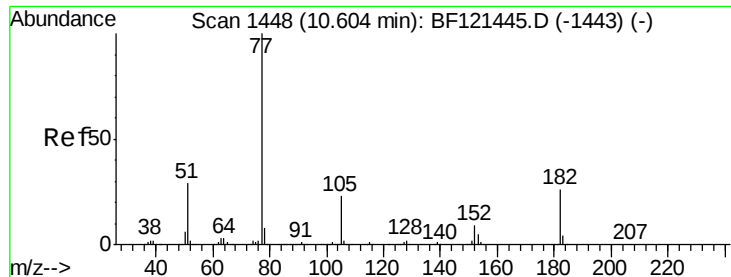
#62
 4-Nitroaniline
 Concen: 52.791 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.01 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

Tgt Ion:	138	Resp:	530676
Ion Ratio	Lower	Upper	
138	100		
92	50.3	33.2	73.2
108	69.6	53.6	93.6



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





#63

Azobenzene

Concen: 52.814 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.00 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Instrument :

BNA_F

ClientSampleId :

SP5251

Tot Ion: 77 Resp: 2138334

Ion Ratio Lower Upper

77 100

182 26.1 6.2 46.2

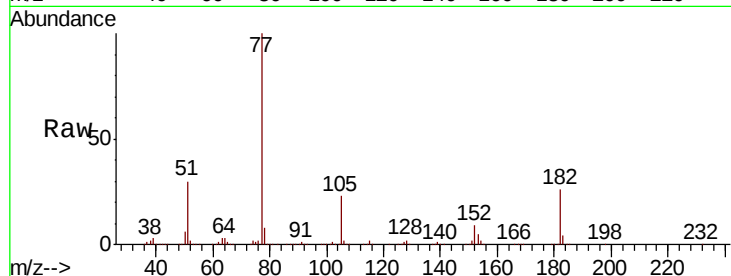
105 23.2 3.3 43.3

51 29.5 9.5 49.5

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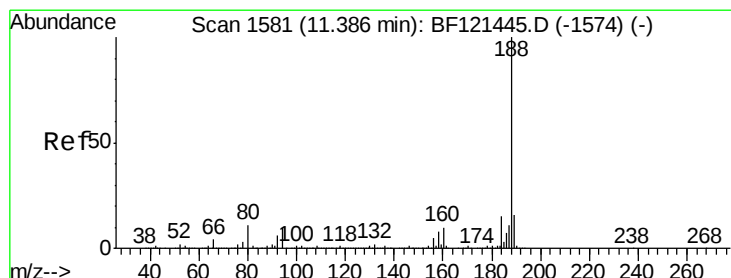
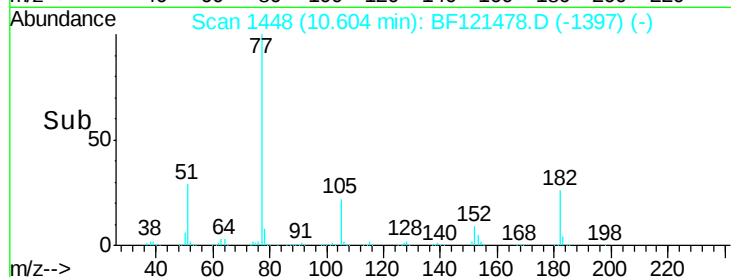
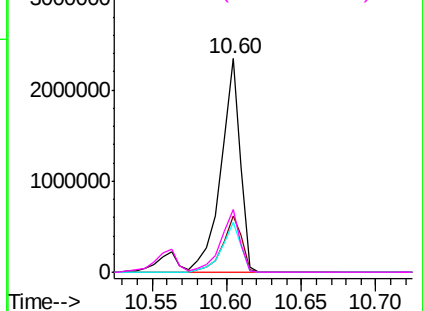


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.00 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

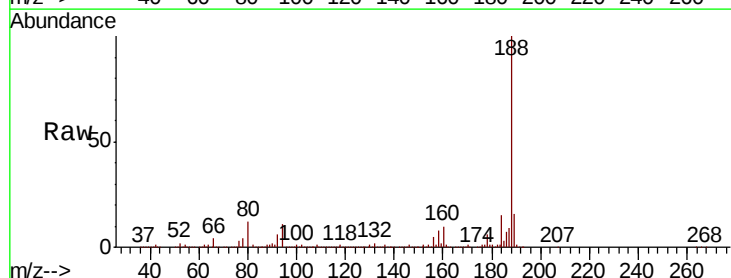
Tgt Ion: 188 Resp: 1132538

Ion Ratio Lower Upper

188 100

94 10.9 8.3 12.5

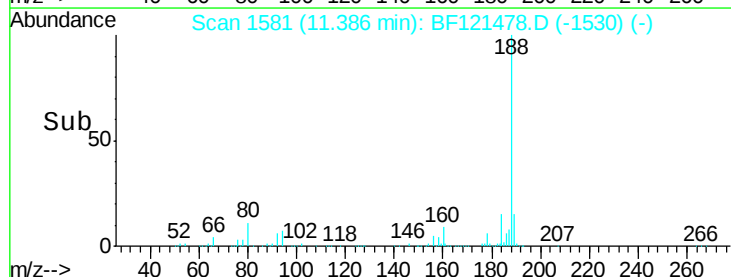
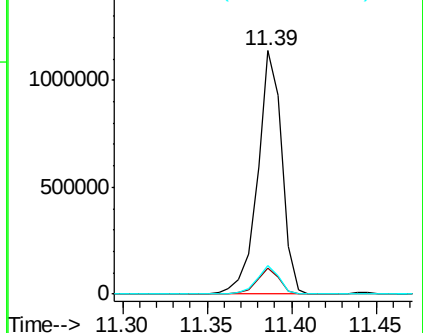
80 11.7 8.6 13.0

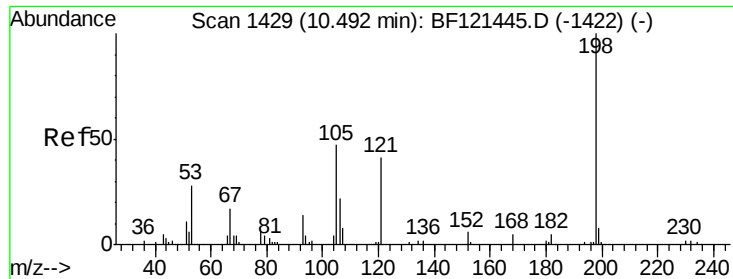


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





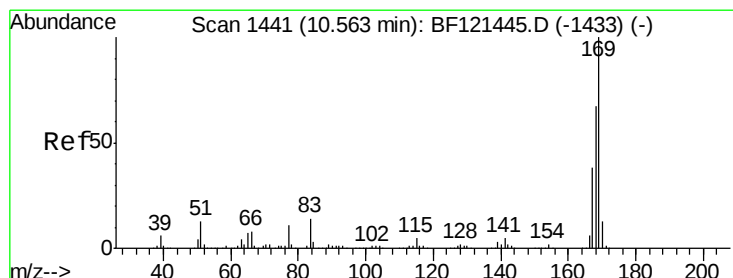
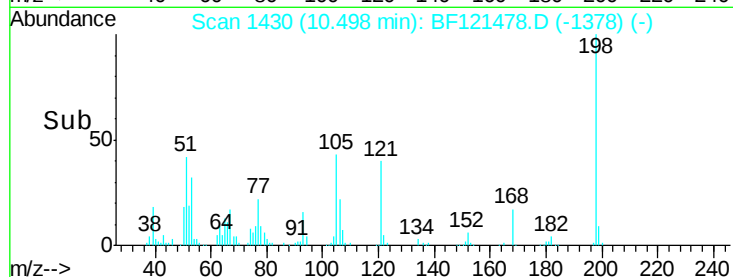
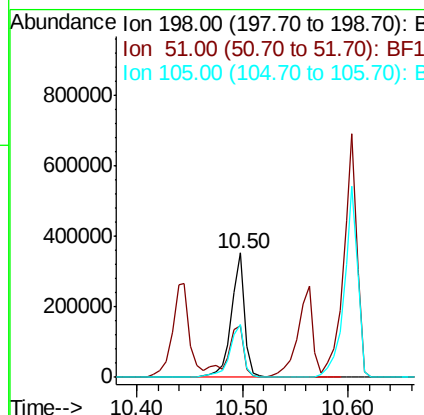
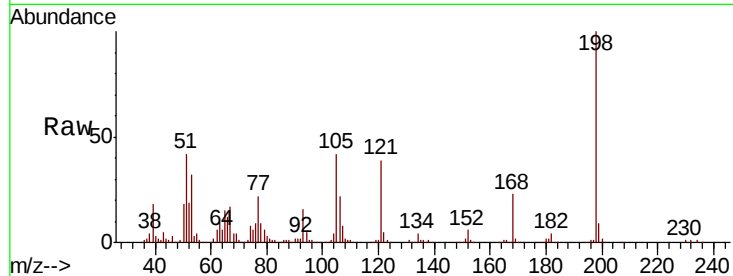
#65
 4,6-Dinitro-2-methylphenol
 Concen: 70.940 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.01 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

Instrument :
 BNA_F
 ClientSampled :
 SP5251

Tot Ion	Ratio	Resp	Lower	Upper
198	100	305679		
51	41.9	29.0	69.0	
105	42.1	29.1	69.1	

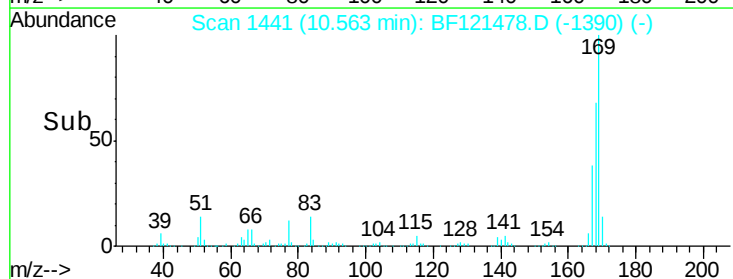
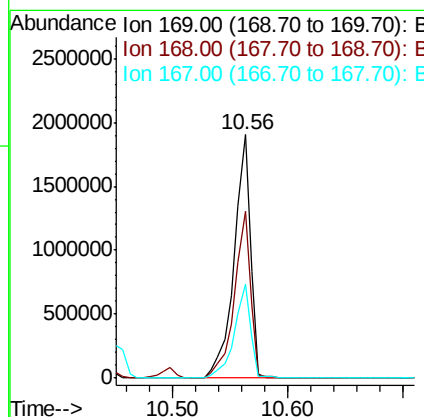
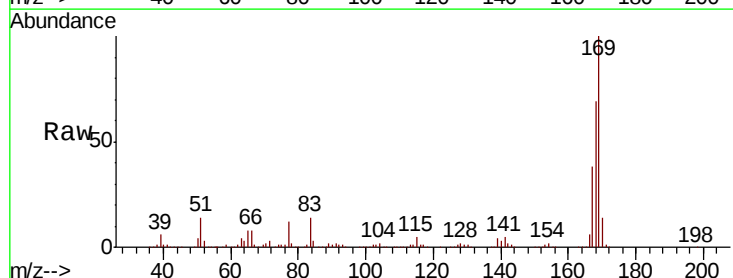
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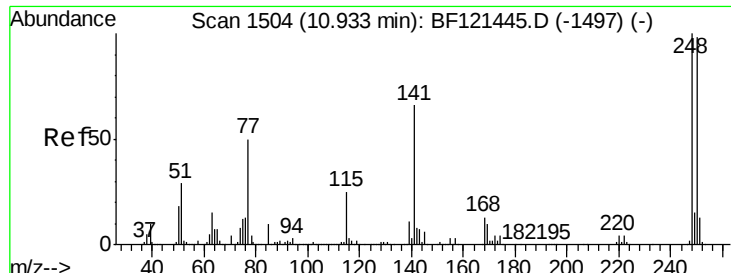
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 52.365 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1875686		
168	68.5	54.0	81.0	
167	38.3	30.2	45.2	





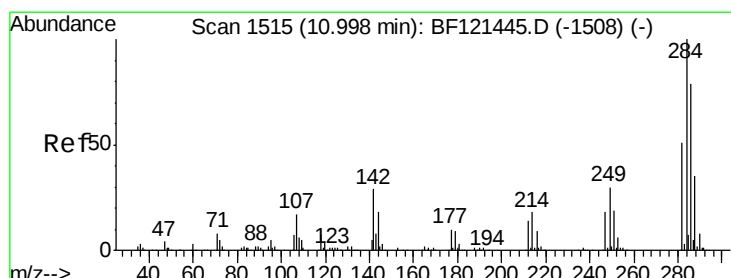
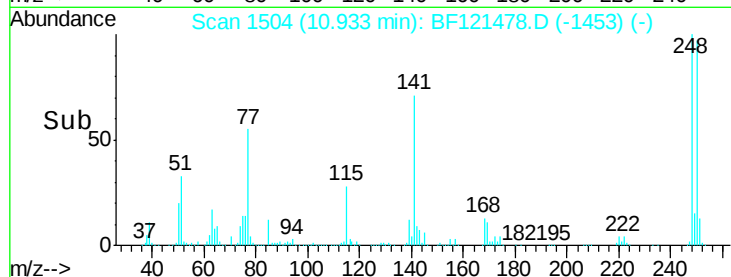
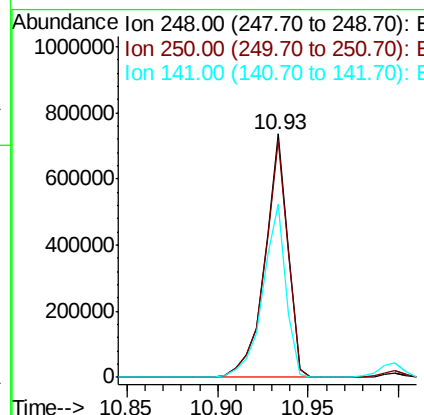
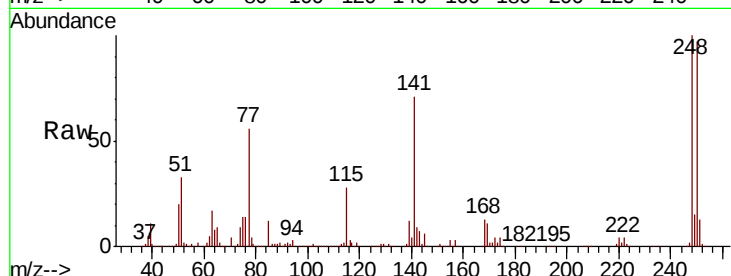
#67
4-Bromophenyl-phenylether
Concen: 51.979 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.00 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Instrument :
BNA_F
ClientSampled :
SP5251

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	78.7	118.1
141	71.1	52.6	78.8

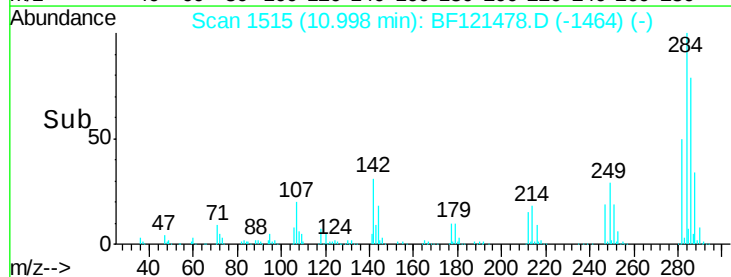
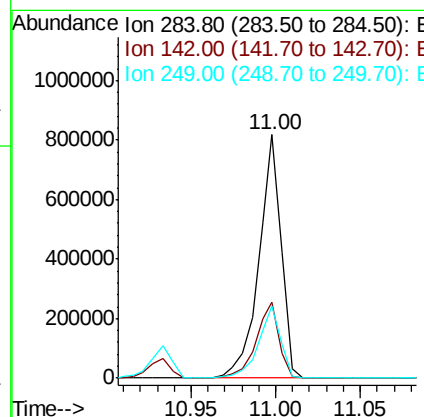
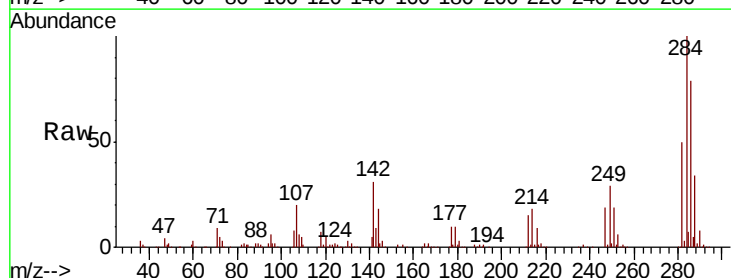
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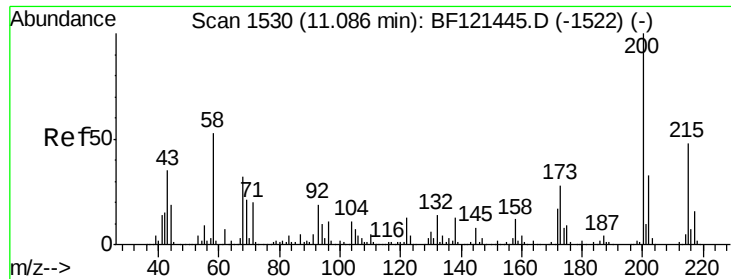
mohammad
9/2/2020 1:55:48 PM



#68
Hexachlorobenzene
Concen: 51.588 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.0	23.4	35.0
249	29.4	23.8	35.6





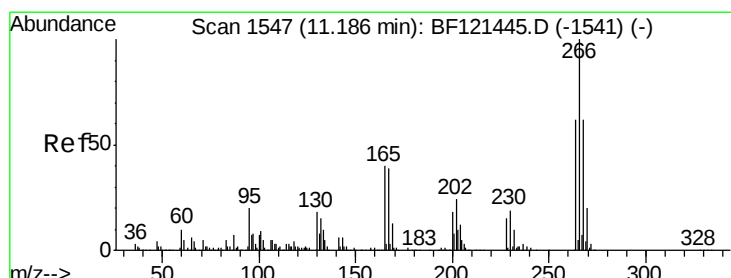
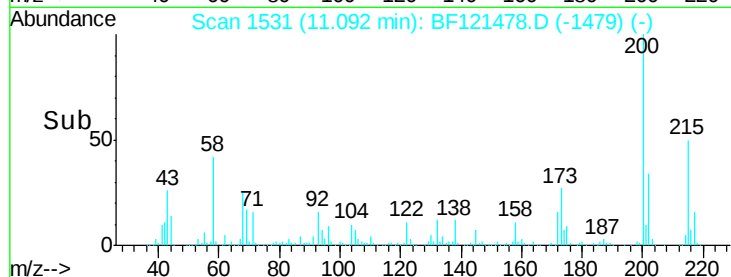
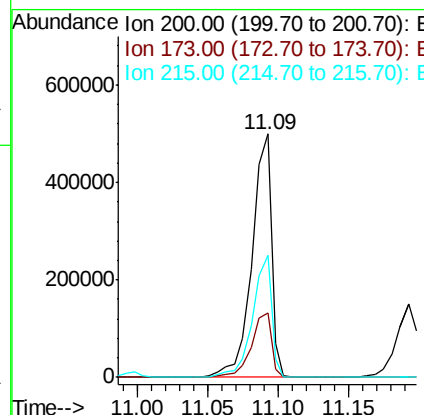
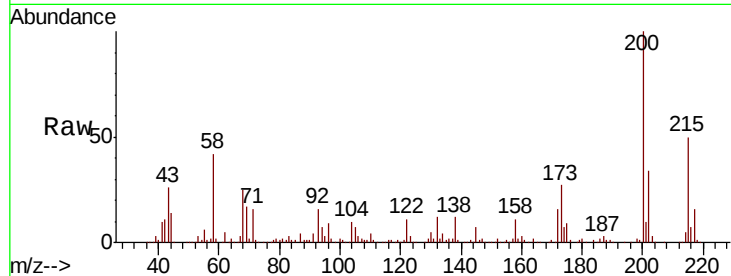
#69
Atrazine
Concen: 46.759 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.01 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Instrument :
BNA_F
ClientSampled :
SP5251

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.5	8.1	48.1
215	49.9	28.5	68.5

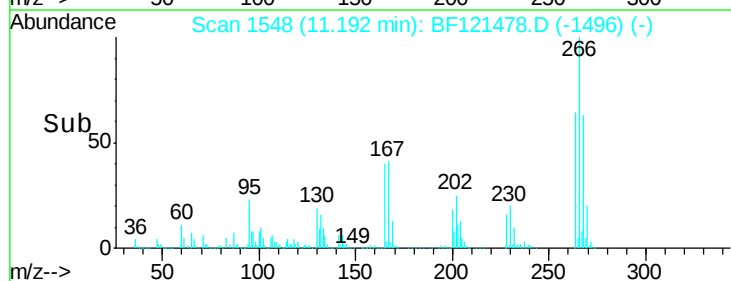
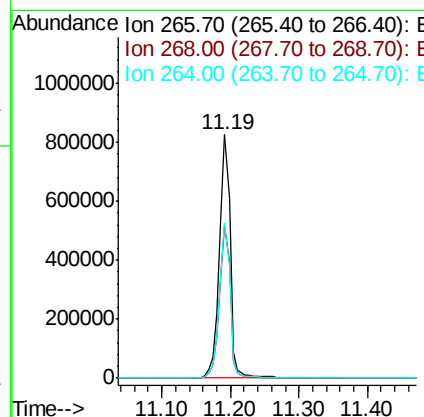
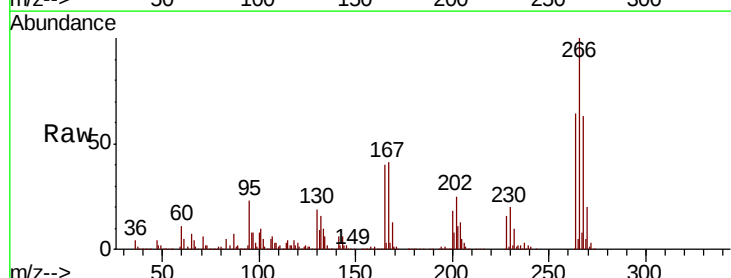
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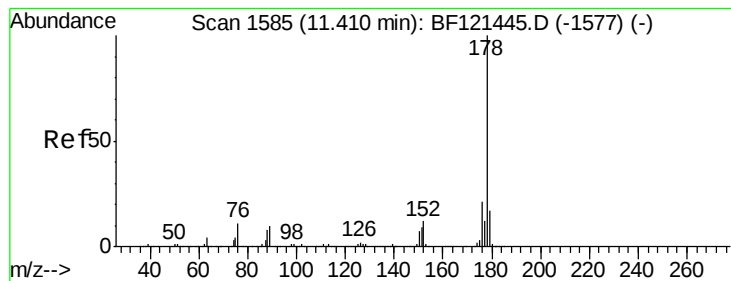
mohammad
9/2/2020 1:55:48 PM



#70
Pentachlorophenol
Concen: 133.908 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.01 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.9	49.7	74.5
264	64.0	49.4	74.0





#71

Phenanthrene

Concen: 50.343 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.01 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Instrument :

BNA_F

ClientSampleId :

SP5251

Tot Ion:178 Resp: 2925921

Ion Ratio Lower Upper

178 100

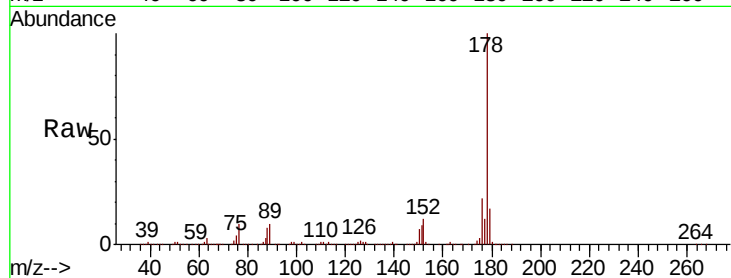
176 21.6 16.9 25.3

179 16.7 13.4 20.0

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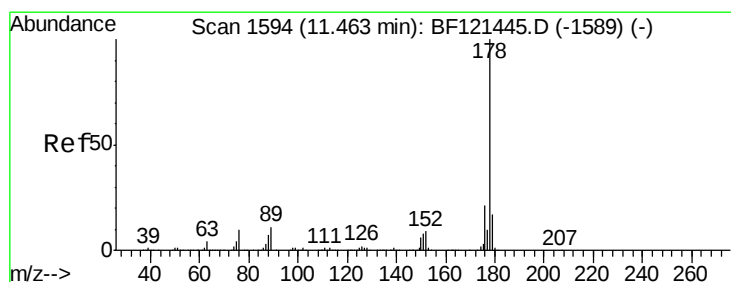
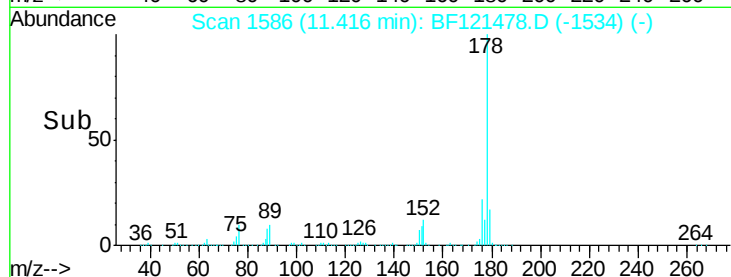
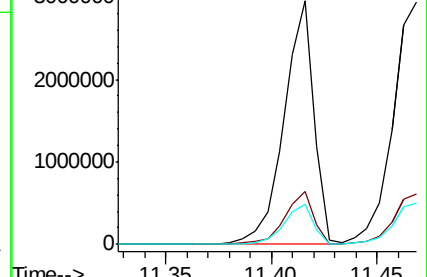
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 52.817 ng

RT: 11.47 min Scan# 1595

Delta R.T. 0.01 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Tgt Ion:178 Resp: 3019160

Ion Ratio Lower Upper

178 100

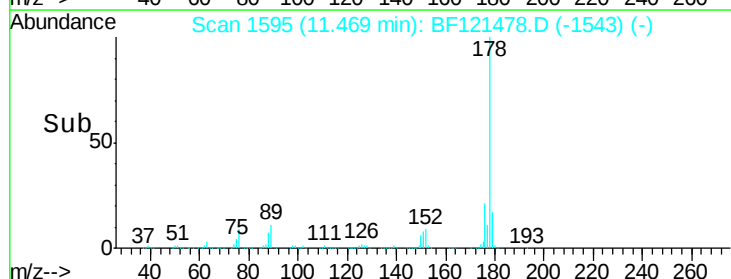
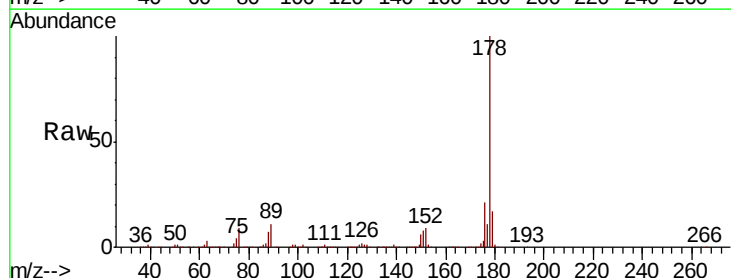
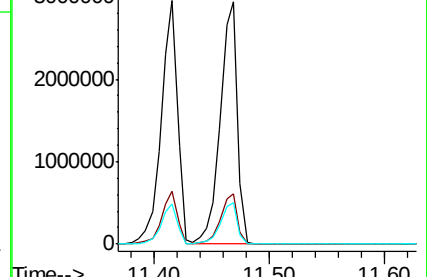
176 21.0 16.7 25.1

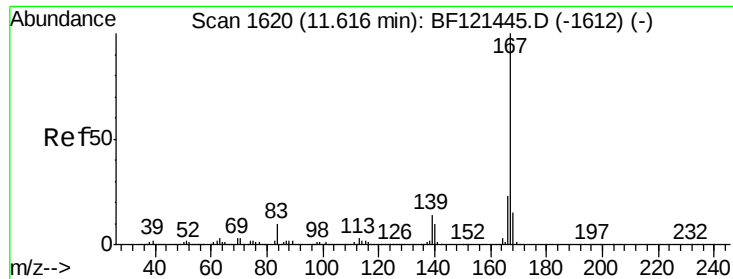
179 16.9 13.4 20.2

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





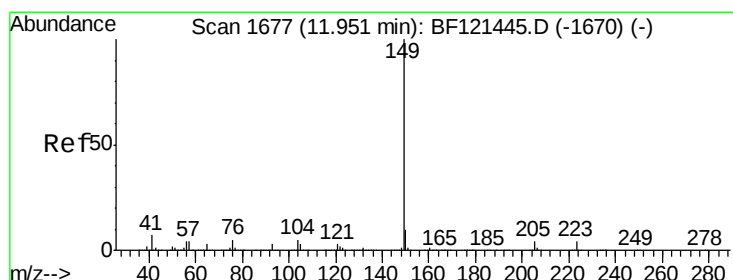
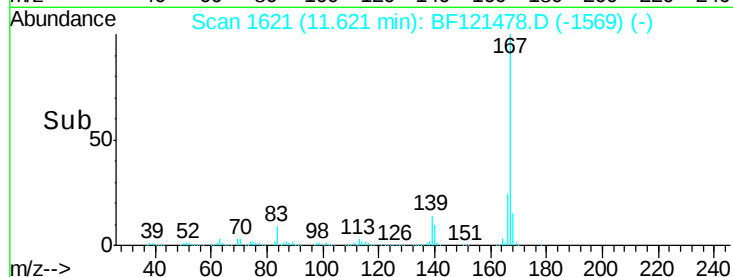
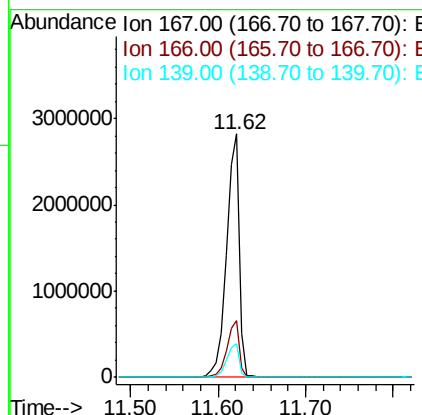
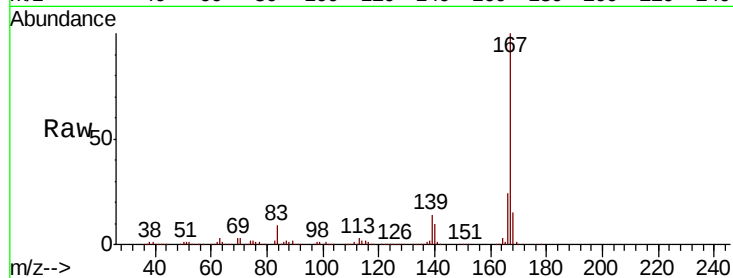
#73
 Carbazole
 Concen: 51.709 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. 0.01 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SP5251

Tot Ion:167 Resp: 2850298
 Ion Ratio Lower Upper
 167 100
 166 23.6 18.4 27.6
 139 13.8 11.0 16.6

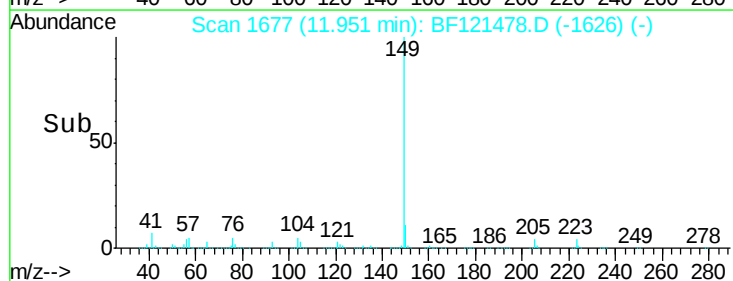
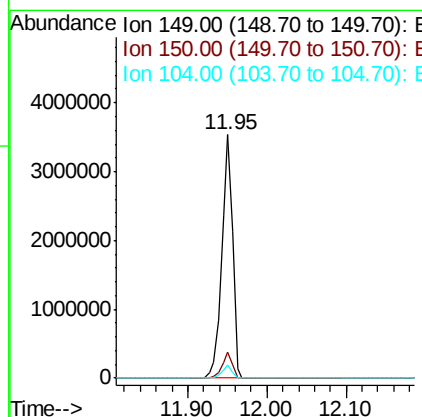
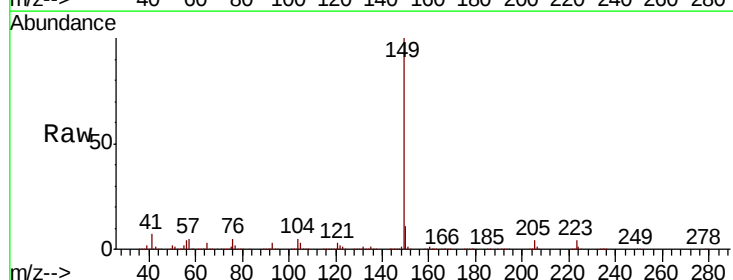
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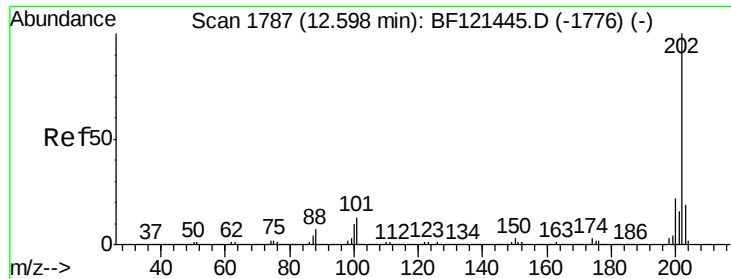
mohammad
 9/2/2020 1:55:48 PM



#74
 Di-n-butylphthalate
 Concen: 53.935 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

Tgt Ion:149 Resp: 3302758
 Ion Ratio Lower Upper
 149 100
 150 10.5 8.2 12.2
 104 5.4 4.2 6.4





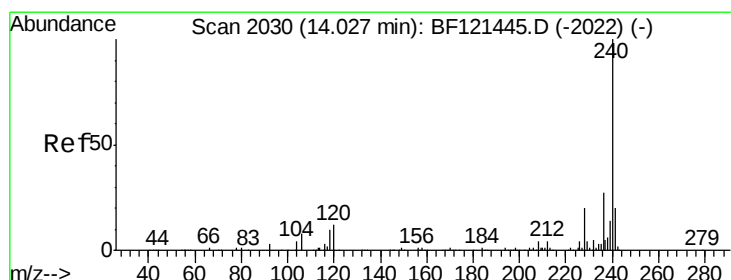
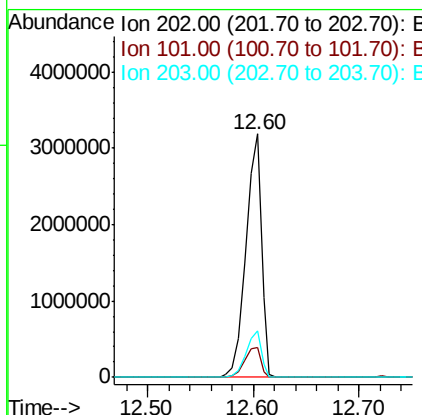
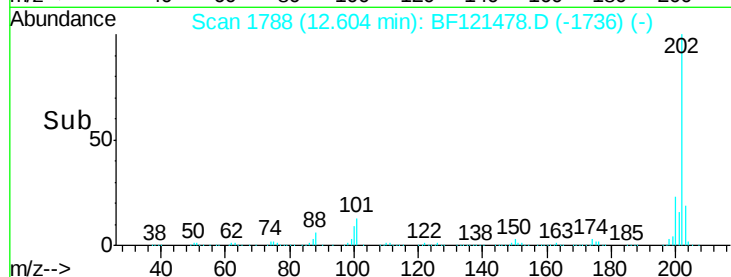
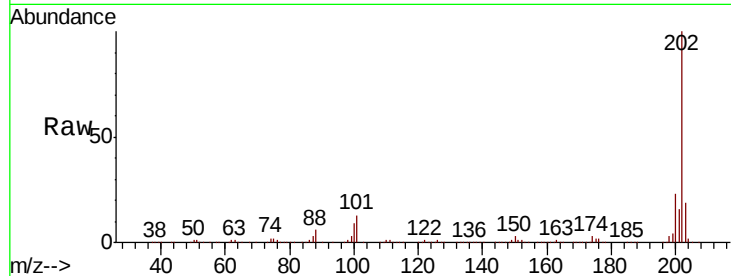
#75
Fluoranthene
Concen: 51.587 ng
RT: 12.60 min Scan# 1788
Delta R.T. 0.01 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Instrument :
BNA_F
ClientSampleId :
SP5251

Tot Ion	Ratio	Resp	Lower	Upper
202	100	3231331		
101	12.5	0.0	33.3	
203	19.2	0.0	39.1	

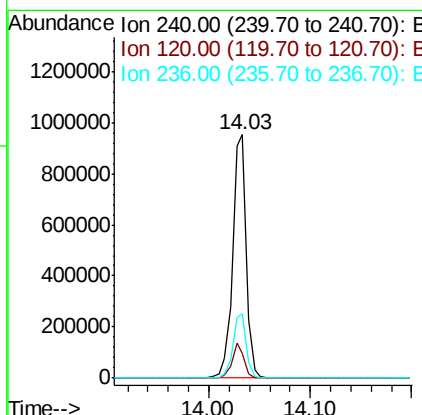
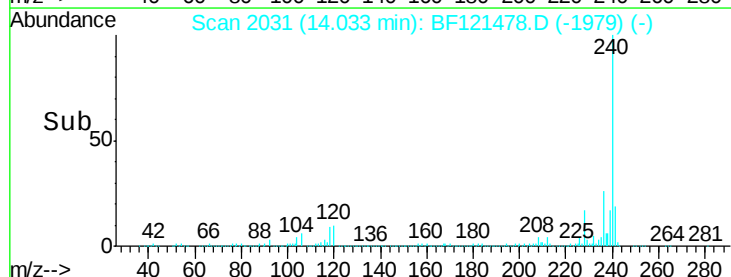
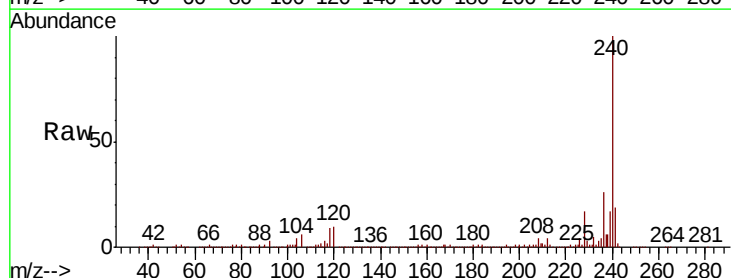
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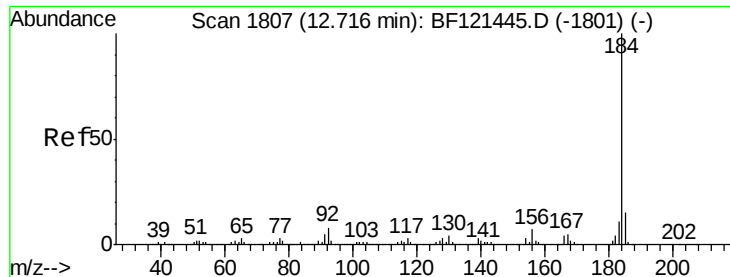
mohammad
9/2/2020 1:55:48 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	886223		
120	10.0	9.5	14.3	
236	26.3	21.8	32.6	





#77

Benzidine

Concen: 106.125 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Instrument :

BNA_F

ClientSampled :

SP5251

Tot Ion:184 Resp: 2051168

Ion Ratio Lower Upper

184 100

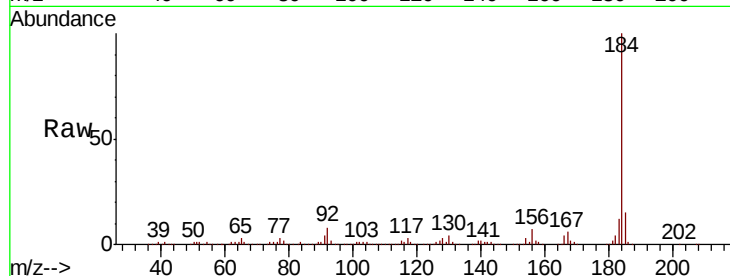
185 15.1 12.1 18.1

183 11.6 8.9 13.3

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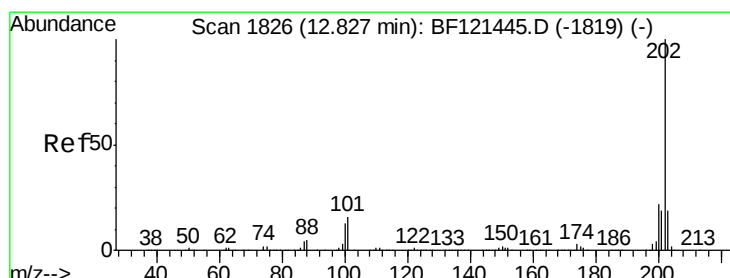
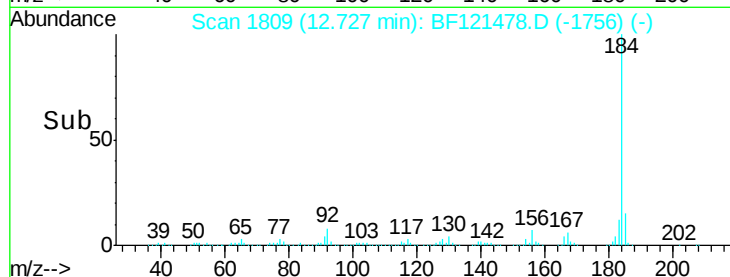
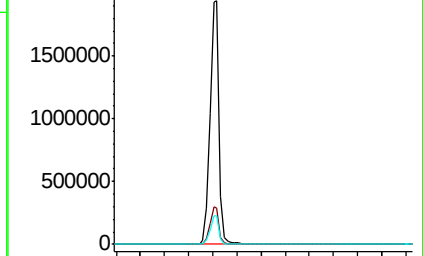
9/2/2020 1:55:48 PM



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: 51.971 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

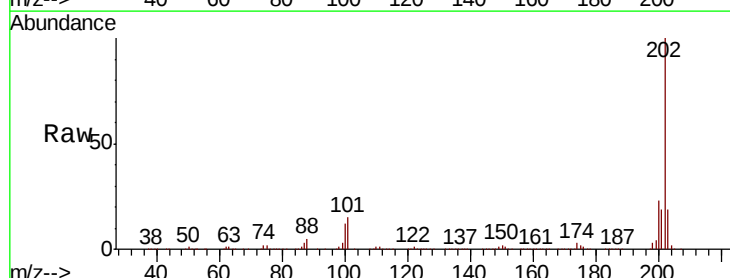
Tgt Ion:202 Resp: 3289353

Ion Ratio Lower Upper

202 100

200 23.5 18.0 27.0

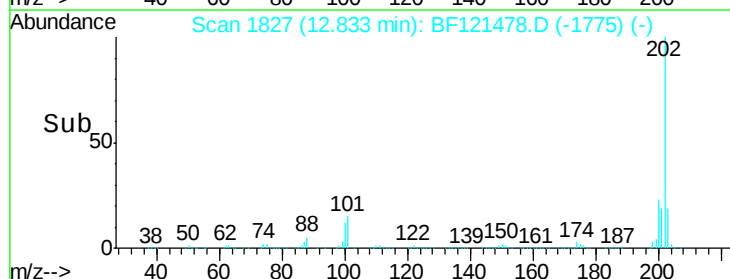
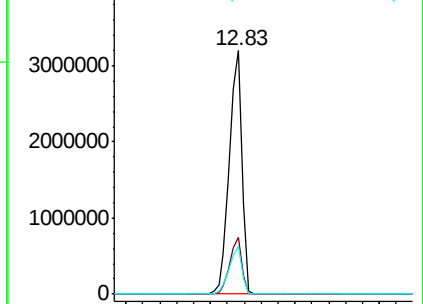
203 19.4 15.3 22.9

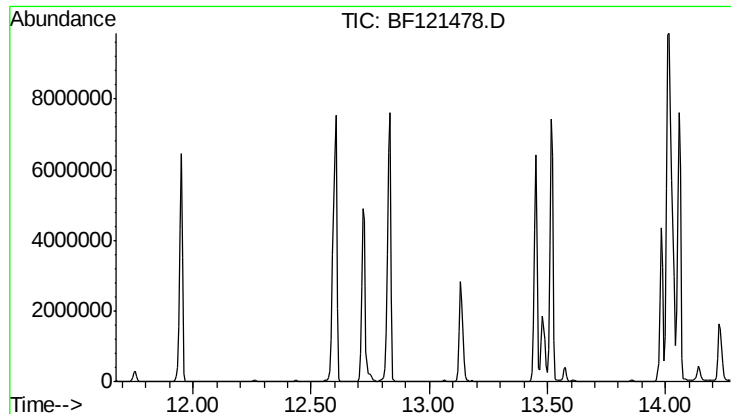


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





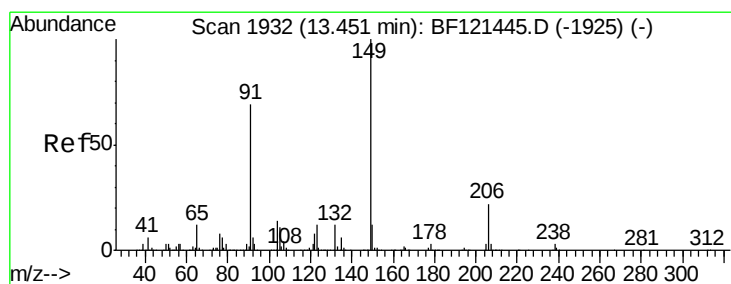
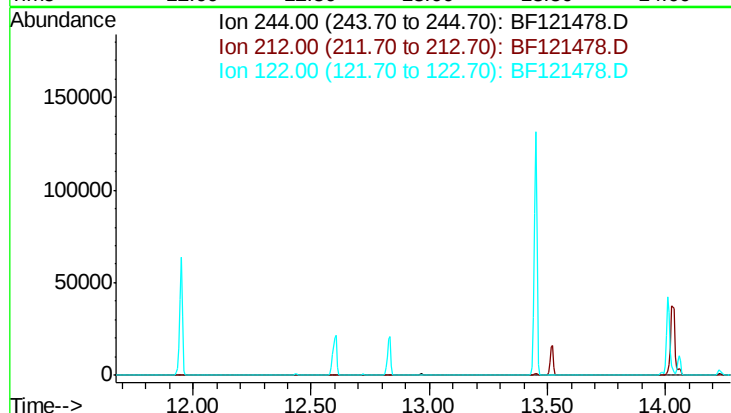
#79
 Terphenyl-d14
 Concen: 0.000 ng
 Expected RT: 12.97 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SP5251

Tot Ion: 244
 Sig Exp Ratio
 244 100
 212 7.9
 122 11.9

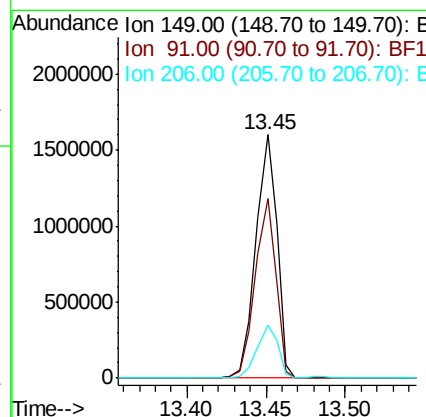
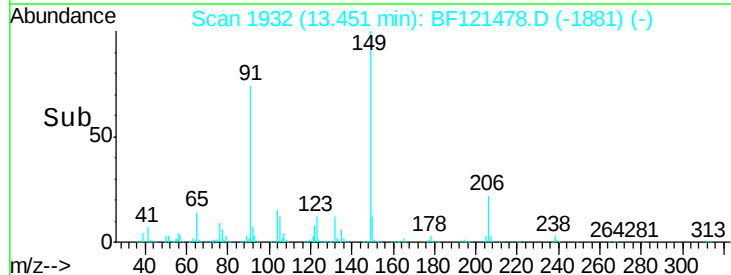
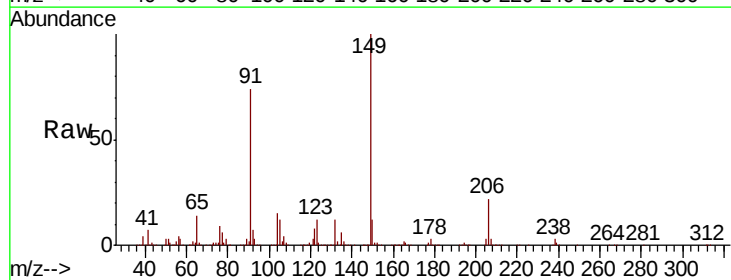
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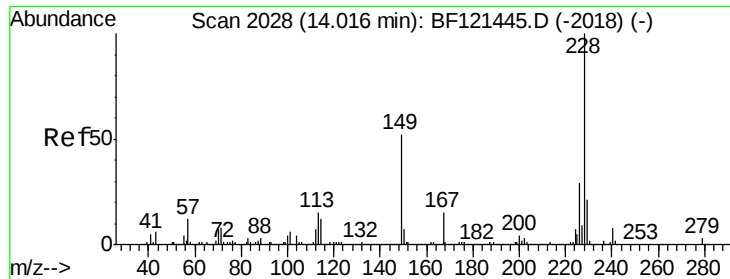
mohammad
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#80
 Butylbenzylphthalate
 Concen: 60.942 ng
 RT: 13.45 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

Tgt Ion:149 Resp: 1485967
 Ion Ratio Lower Upper
 149 100
 91 73.7 55.0 82.4
 206 21.8 17.8 26.6





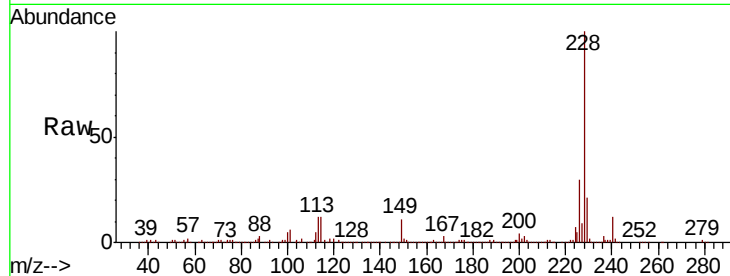
#81
Benzo(a)anthracene
Concen: 51.526 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Instrument :
BNA_F
ClientSampled :
SP5251

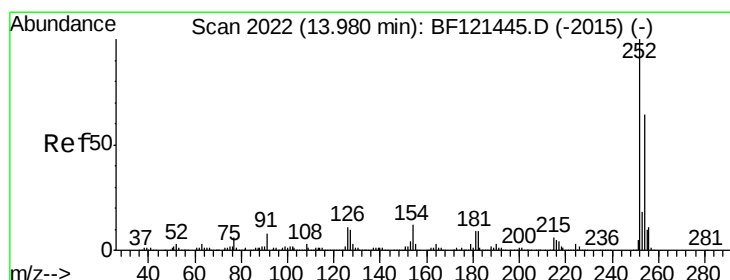
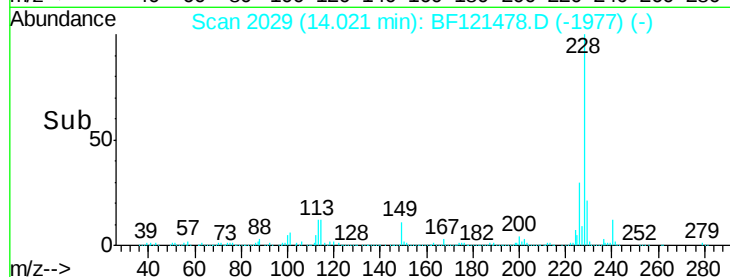
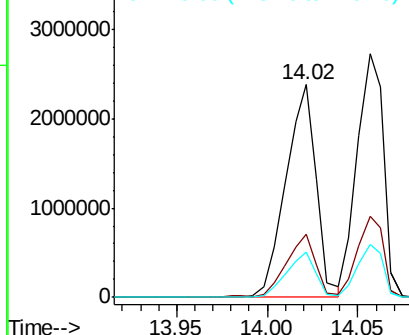
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.0	34.4
229	21.1	16.6	24.8

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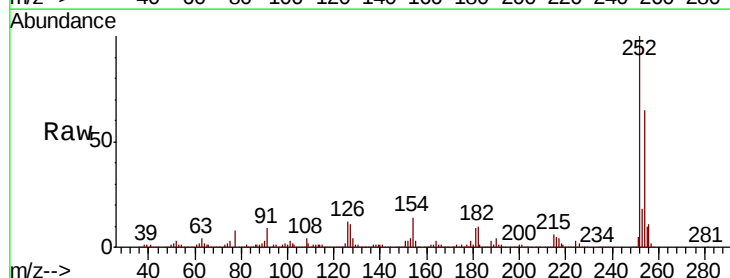


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

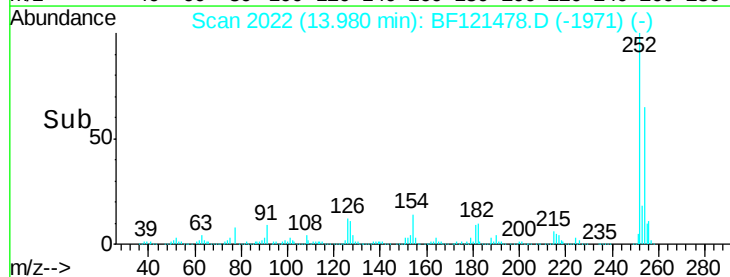
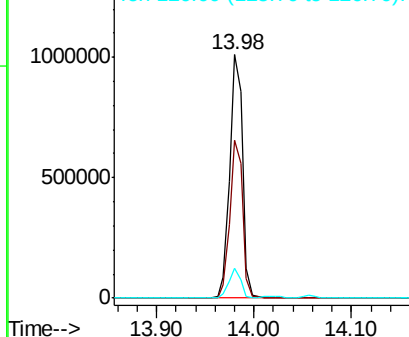


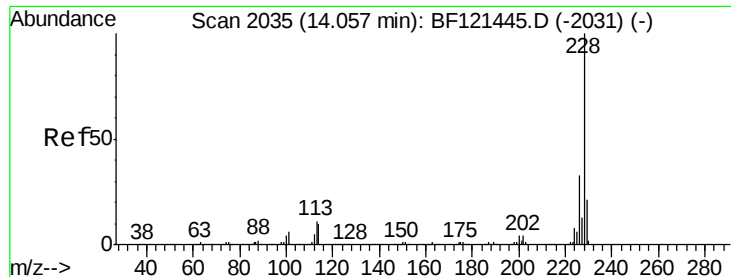
#82
3,3'-Dichlorobenzidine
Concen: 46.592 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.4	77.2
126	12.1	8.5	12.7



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





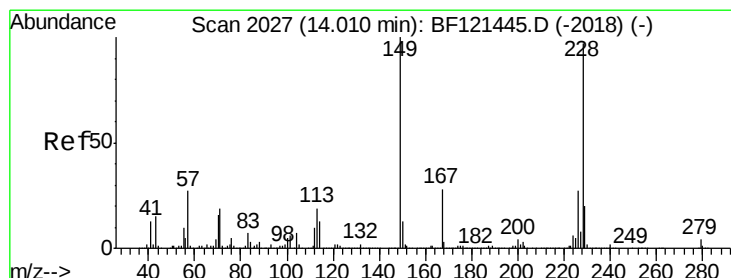
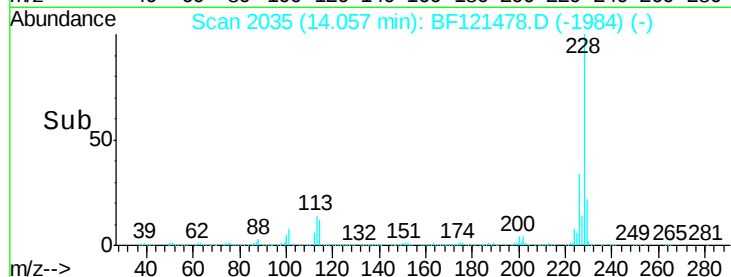
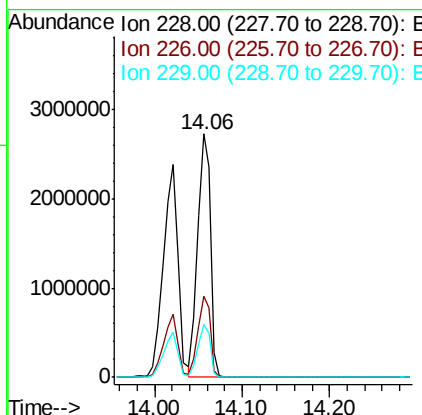
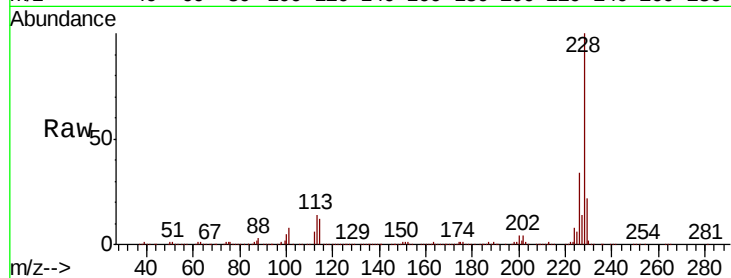
#83
Chrysene
Concen: 51.513 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Instrument :
BNA_F
ClientSampleId :
SP5251

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.5	26.2	39.2
229	21.6	16.6	25.0

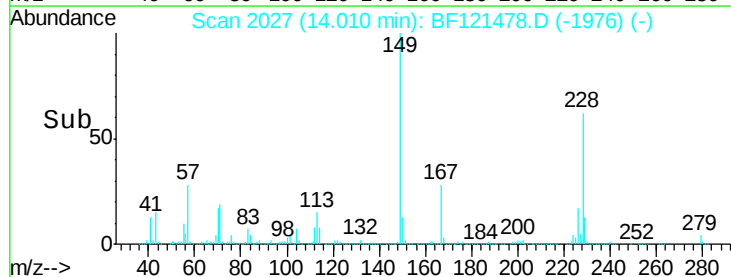
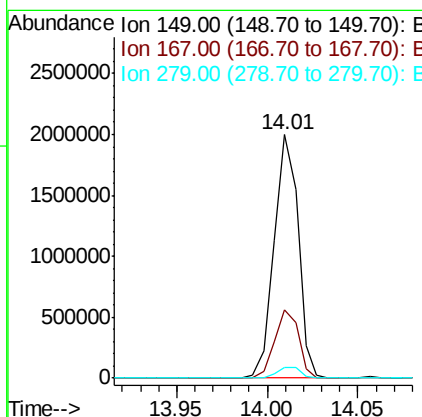
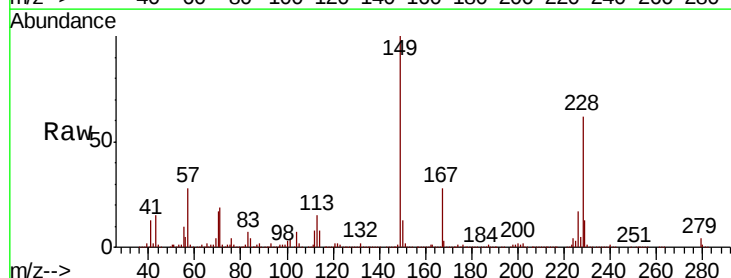
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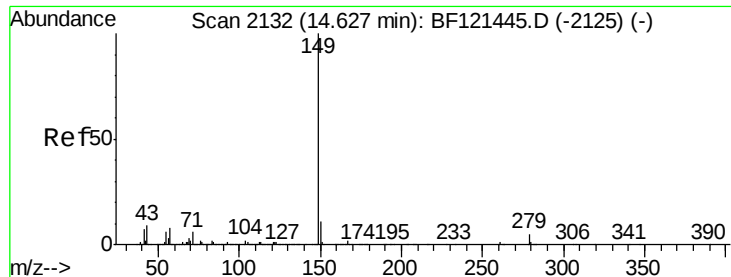
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 58.608 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BF121478.D
Acq: 31 Aug 2020 15:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.6	34.0
279	4.3	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 63.128 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.00 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Instrument :

BNA_F

ClientSampleId :

SP5251

Tot Ion:149 Resp: 3369130

Ion Ratio Lower Upper

149 100

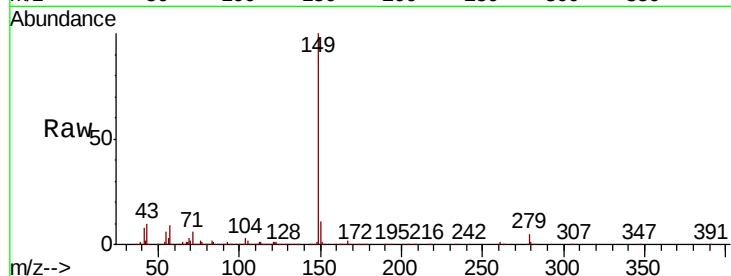
167 1.7 1.4 2.0

43 10.0 8.3 12.5

Manual Integrations
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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

4000000

3000000

2000000

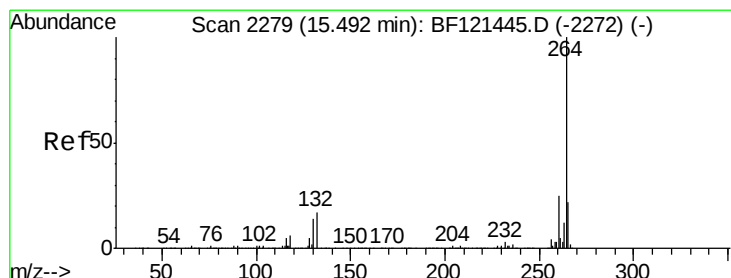
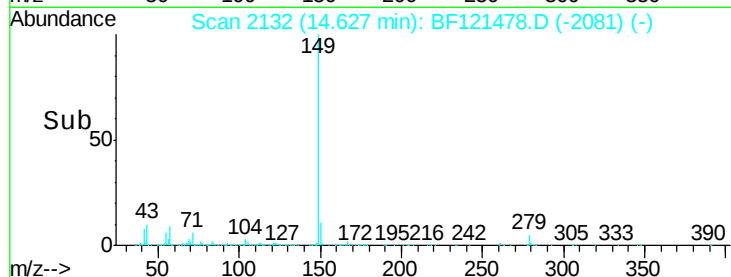
1000000

0

14.63

14.60 14.70

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. 0.01 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

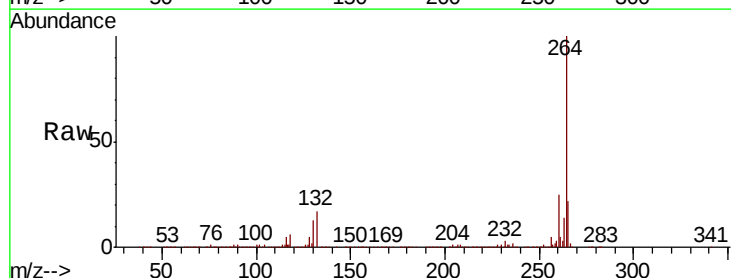
Tgt Ion:264 Resp: 922373

Ion Ratio Lower Upper

264 100

260 24.8 19.6 29.4

265 22.3 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

1000000

800000

600000

400000

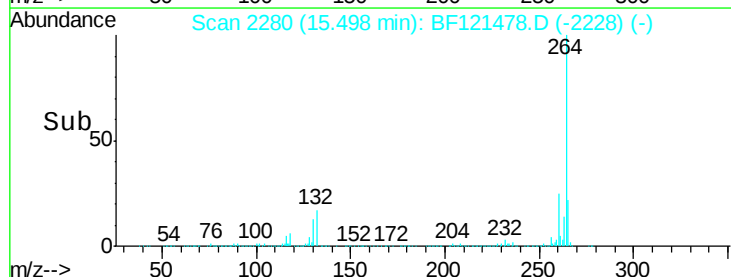
200000

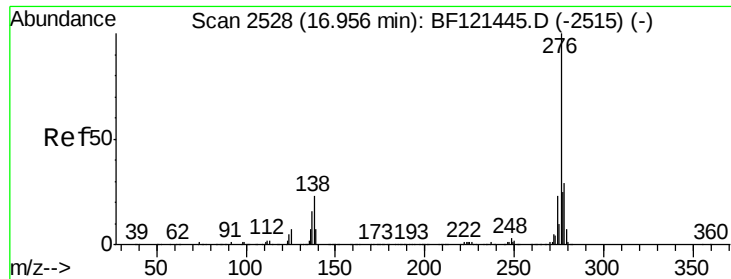
0

15.50

15.40 15.50 15.60

Time-->





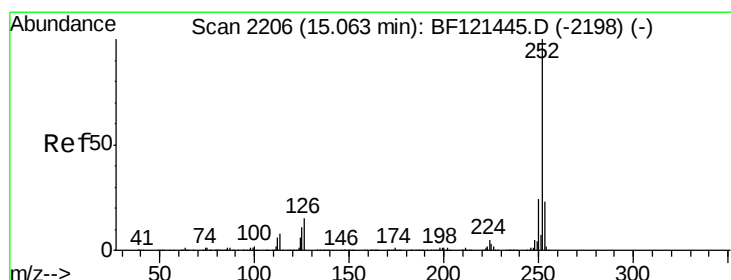
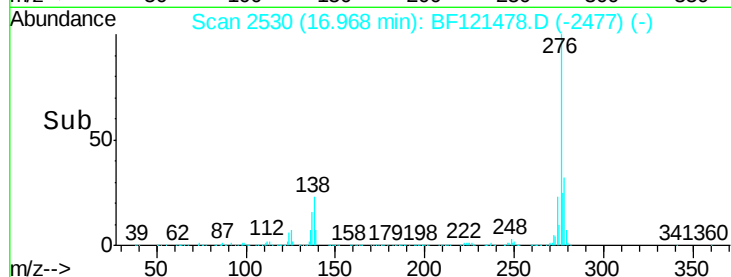
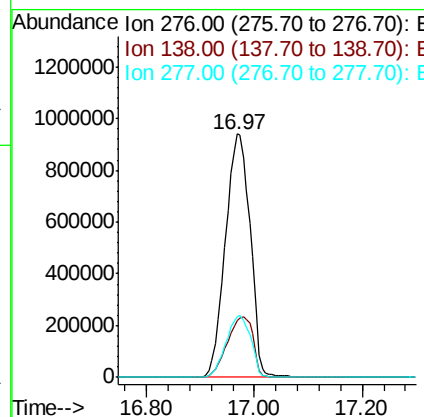
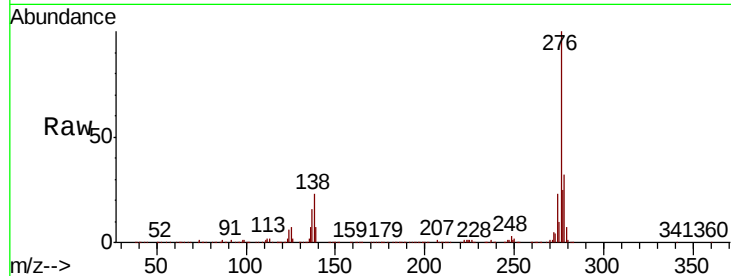
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 53.597 ng
 RT: 16.97 min Scan# 2530
 Delta R.T. 0.01 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SP5251

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.7	20.6	31.0
277	25.5	20.5	30.7

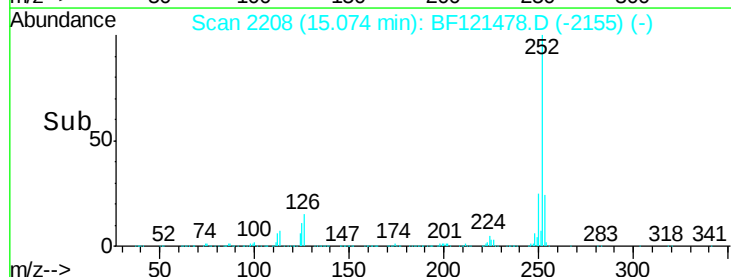
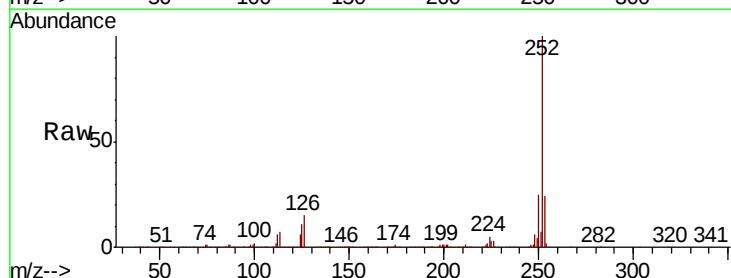
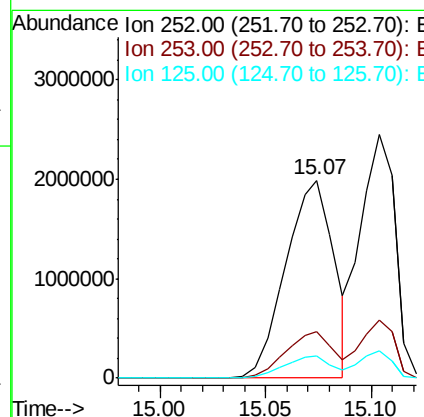
Manual Integrations
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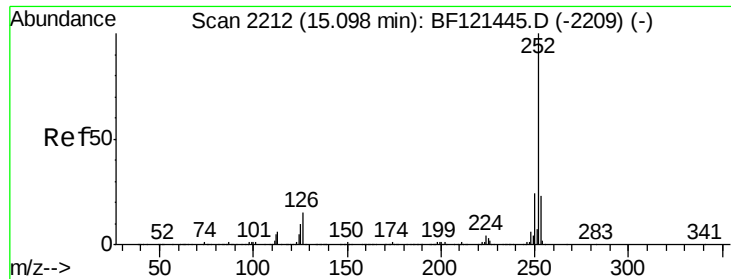
mohammad
 9/2/2020 1:55:48 PM



#88
 Benzo(b)fluoranthene
 Concen: 52.677 ng
 RT: 15.07 min Scan# 2208
 Delta R.T. 0.01 min
 Lab File: BF121478.D
 Acq: 31 Aug 2020 15:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.3	27.5
125	11.1	9.2	13.8





#89

Benzo(k)fluoranthene

Concen: 50.578 ng

RT: 15.10 min Scan# 2213

Delta R.T. 0.01 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Instrument :

BNA_F

ClientSampleId :

SP5251

Tot Ion:252 Resp: 2822675

Ion Ratio Lower Upper

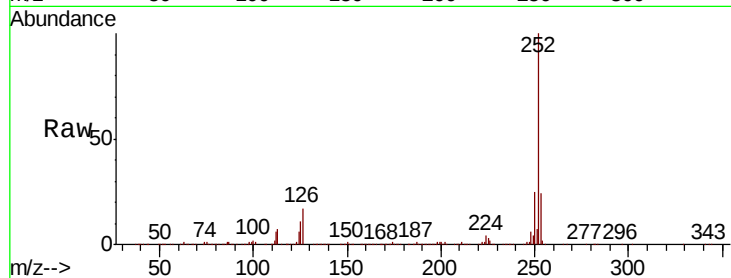
252 100

253 23.6 18.3 27.5

125 11.4 8.5 12.7

Manual Integrations
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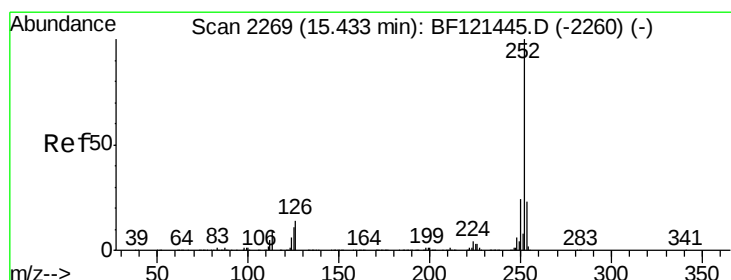
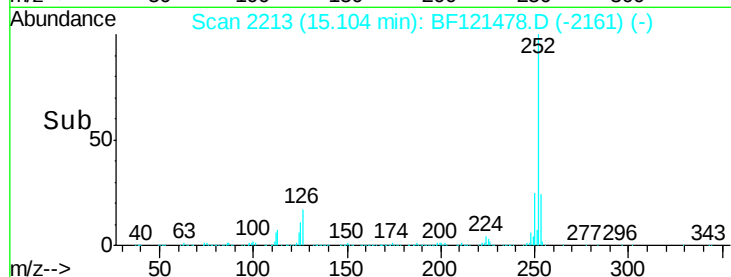
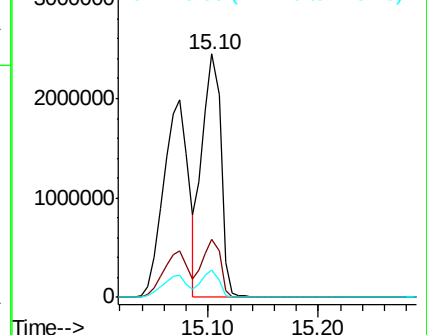
mohammad
9/2/2020 1:55:48 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 50.625 ng

RT: 15.44 min Scan# 2270

Delta R.T. 0.01 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

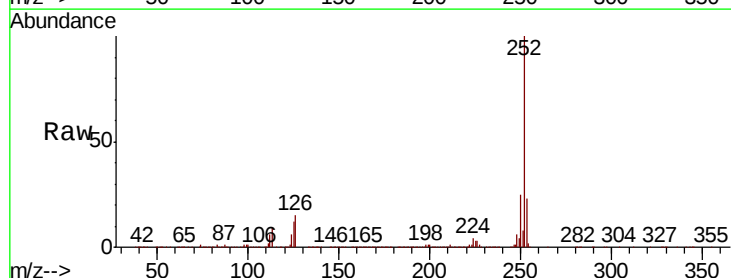
Tgt Ion:252 Resp: 2731348

Ion Ratio Lower Upper

252 100

253 22.9 18.0 27.0

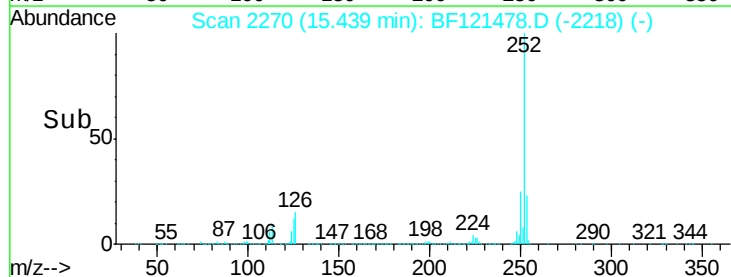
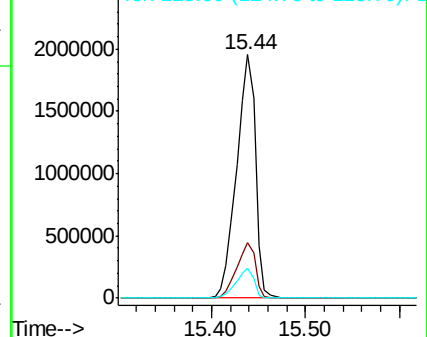
125 12.4 9.0 13.4

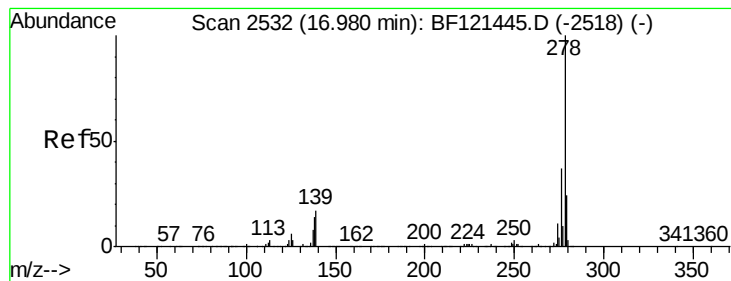


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 53.420 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.01 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Instrument :

BNA_F

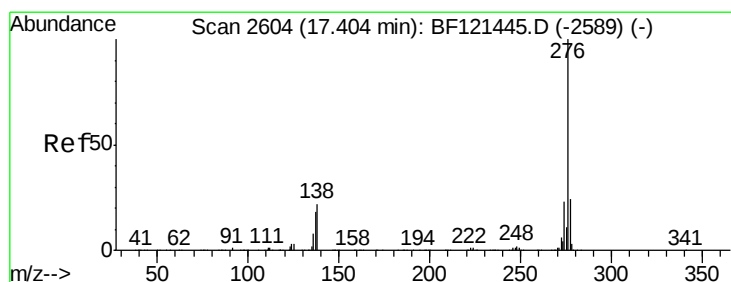
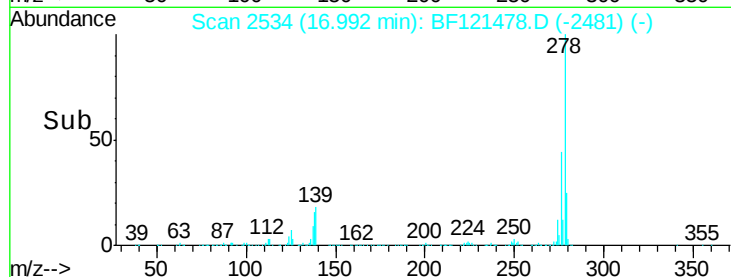
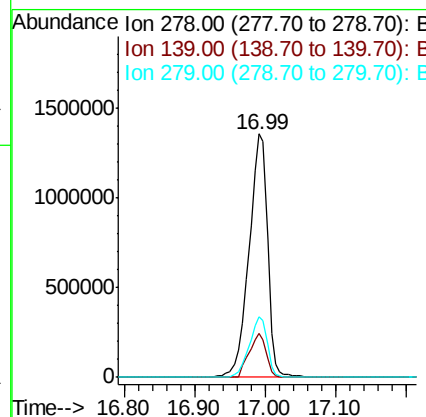
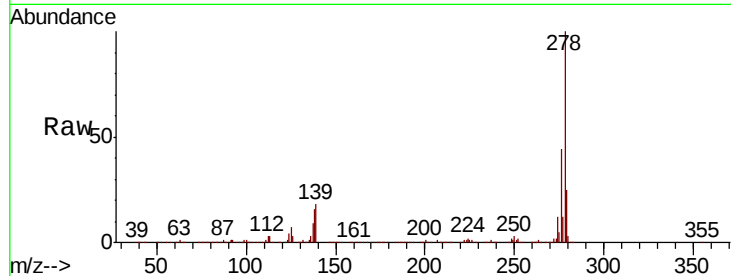
ClientSampleId :

SP5251

Tot Ion:	278	Resp:	2481651
Ion	Ratio	Lower	Upper
278	100		
139	17.8	13.3	19.9
279	24.8	19.4	29.0

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 55.034 ng

RT: 17.42 min Scan# 2606

Delta R.T. 0.01 min

Lab File: BF121478.D

Acq: 31 Aug 2020 15:18

Tgt Ion:	276	Resp:	2462834
Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.9	28.3
138	22.8	17.4	26.0

