

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033120\
 Data File : BF119652.D
 Acq On : 31 Mar 2020 15:27
 Operator : MA/SJ
 Sample : L2055-04MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(10-12)MSD

Manual Integrations
 APPROVED

mohammad
 4/1/2020 11:55:24 AM

Quant Time: Mar 31 16:37:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 31 14:11:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	334255	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1312067	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	695445	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1348667	20.00	ng	0.00
76) Chrysene-d12	14.02	240	943599	20.00	ng	0.00
87) Perylene-d12	15.48	264	933466	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	2137134	101.78	ng	0.02
7) Phenol-d6	6.46	99	2826176	105.37	ng	0.00
23) Nitrobenzene-d5	7.40	82	1766592	73.18	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	831529	115.90	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3280625	69.89	ng	0.00
79) Terphenyl-d14	12.96	244	3650622	75.80	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.66	88	418739	40.379	ng	96
3) Pyridine	3.39	79	1129711	39.542	ng	93
4) n-Nitrosodimethylamine	3.35	42	565224	40.569	ng	90
6) Aniline	6.49	93	843885	22.796	ng	95
8) 2-Chlorophenol	6.62	128	1154727	52.362	ng	97
9) Benzaldehyde	6.37	77	643225	37.803	ng	99
10) Phenol	6.47	94	1413212	49.378	ng	96
11) bis(2-Chloroethyl)ether	6.56	93	1106520	48.341	ng	100
12) 1,3-Dichlorobenzene	6.77	146	1128665	47.288	ng	97
13) 1,4-Dichlorobenzene	6.85	146	1138464	47.686	ng	99
14) 1,2-Dichlorobenzene	7.00	146	1052294	47.156	ng	98
15) Benzyl Alcohol	6.97	79	933589	46.271	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1981293	42.912	ng	98
17) 2-Methylphenol	7.09	107	911285	45.101	ng	99
18) Hexachloroethane	7.35	117	438244	50.090	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	768130	47.512	ng	95
20) 3+4-Methylphenols	7.24	107	1072029	43.292	ng	# 82
22) Acetophenone	7.24	105	1422101	45.360	ng	# 86
24) Nitrobenzene	7.42	77	1186306	45.980	ng	97
25) Isophorone	7.66	82	2232126	45.579	ng	99
26) 2-Nitrophenol	7.73	139	620200	61.052	ng	# 85
27) 2,4-Dimethylphenol	7.77	122	985954	46.938	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	1431378	49.427	ng	99
29) 2,4-Dichlorophenol	7.97	162	942654	48.841	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	999905	46.846	ng	99
31) Naphthalene	8.14	128	3109817	46.057	ng	99
32) Benzoic acid	7.91	122	844436	62.496	ng	94
33) 4-Chloroaniline	8.18	127	297528m	9.617	ng	
34) Hexachlorobutadiene	8.26	225	568683	47.619	ng	98
35) Caprolactam	8.57	113	273837m	43.352	ng	
36) 4-Chloro-3-methylphenol	8.67	107	1019468	48.328	ng	99
37) 2-Methylnaphthalene	8.83	142	2169396	48.956	ng	99
38) 1-Methylnaphthalene	8.93	142	2046171	48.784	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	906166	44.455	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	1109991	95.783	nq	99
43) 2,4,6-Trichlorophenol	9.11	196	712598	48.851	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	742028	45.409	nq	93
46) 1,1'-Biphenyl	9.30	154	2558221	45.166	nq	99
47) 2-Chloronaphthalene	9.33	162	2012915	45.370	nq	98
48) 2-Nitroaniline	9.42	65	725026	47.344	nq	96
49) Acenaphthylene	9.75	152	3105257	44.569	nq	100
50) Dimethylphthalate	9.61	163	2696521	54.588	nq	99
51) 2,6-Dinitrotoluene	9.67	165	549669	51.914	nq	97
52) Acenaphthene	9.92	154	1960446	45.135	nq	99
53) 3-Nitroaniline	9.83	138	328375	24.566	nq	93
54) 2,4-Dinitrophenol	9.95	184	647635	135.780	nq	98
55) Dibenzofuran	10.09	168	2760866	44.334	nq	99
56) 4-Nitrophenol	10.00	139	968890	91.881	nq	92
57) 2,4-Dinitrotoluene	10.07	165	723235	54.223	nq	91
58) Fluorene	10.43	166	2120708	46.051	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	624735	51.146	nq	98
60) Diethylphthalate	10.31	149	2445239	48.772	nq	98
61) 4-Chlorophenyl-phenylether	10.42	204	1036330	46.019	nq	99
62) 4-Nitroaniline	10.46	138	563615	43.969	nq	96
63) Azobenzene	10.59	77	2334302	46.235	nq	96
65) 4,6-Dinitro-2-methylphenol	10.48	198	421144	74.469	nq	88
66) n-Nitrosodiphenylamine	10.55	169	1999749	45.167	nq	98
67) 4-Bromophenyl-phenylether	10.92	248	709289	46.179	nq	96
68) Hexachlorobenzene	10.98	284	756064	48.095	nq	97
69) Atrazine	11.07	200	642371	52.923	nq	100
70) Pentachlorophenol	11.17	266	866264	93.979	nq	98
71) Phenanthrene	11.40	178	3033334	43.376	nq	99
72) Anthracene	11.45	178	3146704	44.273	nq	99
73) Carbazole	11.60	167	2947566	41.899	nq	100
74) Di-n-butylphthalate	11.94	149	3771365	50.114	nq	99
75) Fluoranthene	12.59	202	3366452	44.481	nq	98
77) Benzidine	12.71	184	1599246	40.048	nq	99
78) Pyrene	12.82	202	3347685	43.229	nq	99
80) Butylbenzylphthalate	13.44	149	1698647	54.233	nq	97
81) Benzo(a)anthracene	14.01	228	2607764	42.499	nq	98
82) 3,3'-Dichlorobenzidine	13.97	252	823527	34.039	nq	96
83) Chrysene	14.04	228	2750263	43.430	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	2154502	57.704	nq	98
85) Di-n-octyl phthalate	14.62	149	3895143	59.318	nq	99
86) Indeno(1,2,3-cd)pyrene	16.95	276	2627664	44.058	nq	97
88) Benzo(b)fluoranthene	15.06	252	3069761	49.230	nq	97
89) Benzo(k)fluoranthene	15.09	252	2470810	41.614	nq	99
90) Benzo(a)pyrene	15.42	252	2487207	43.891	nq	99
91) Dibenzo(a,h)anthracene	16.97	278	2195764	44.300	nq	99
92) Benzo(g,h,i)perylene	17.40	276	2135631	42.889	nq	# 95

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

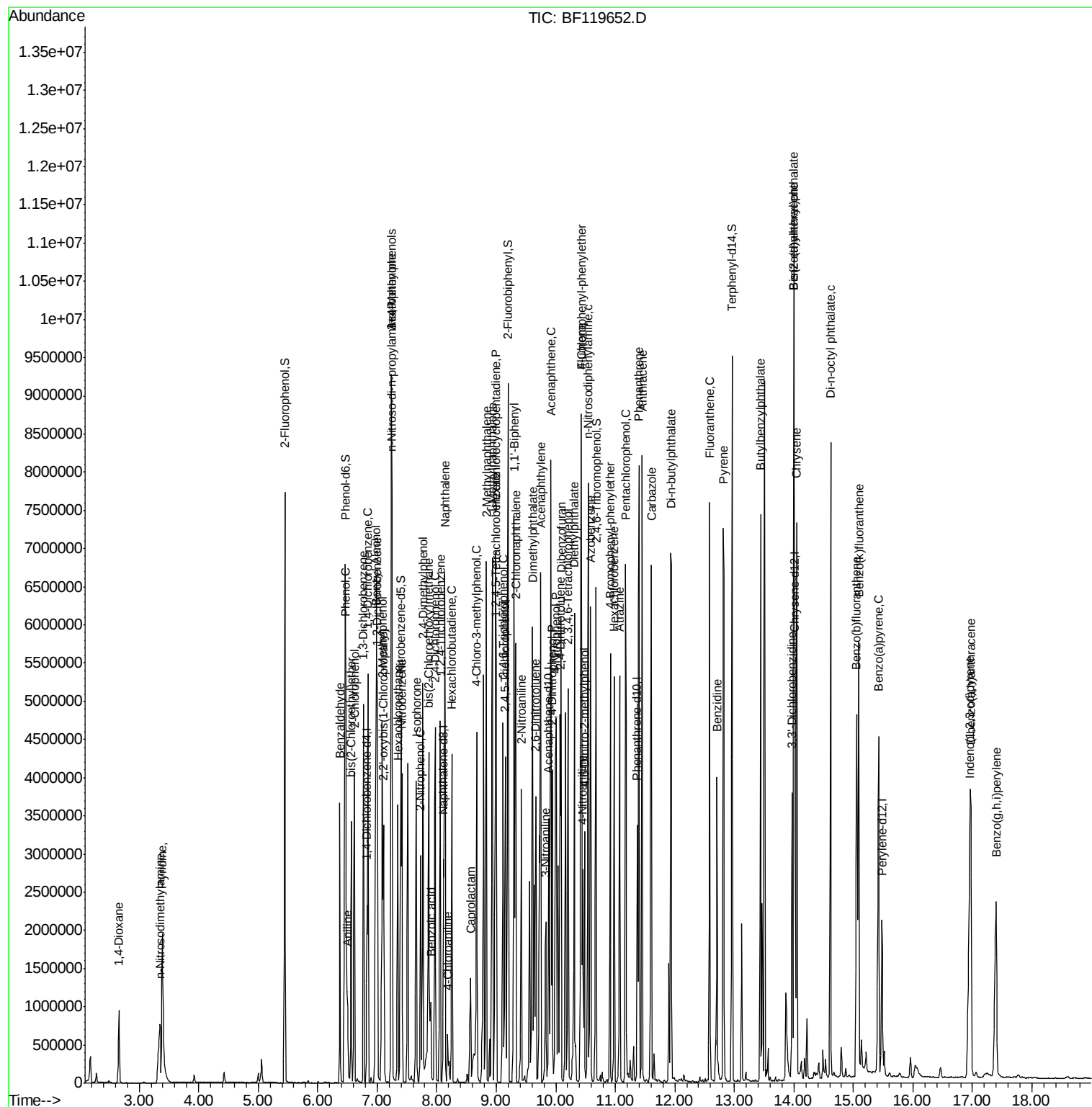
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033120\
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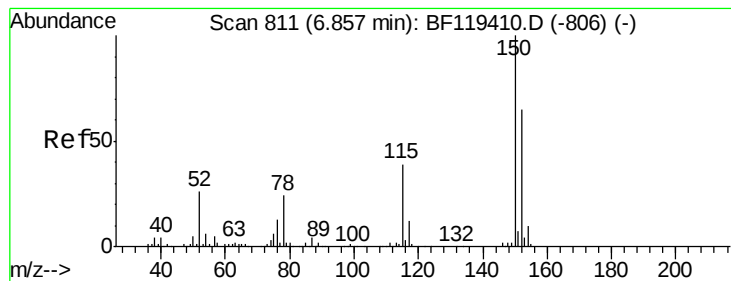
Instrument :
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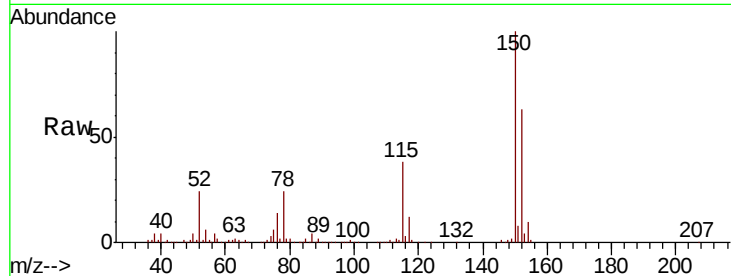
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF119652.D
 Acq: 31 Mar 2020 15:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(10-12)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.5	186.7
115	60.8	49.6	74.4

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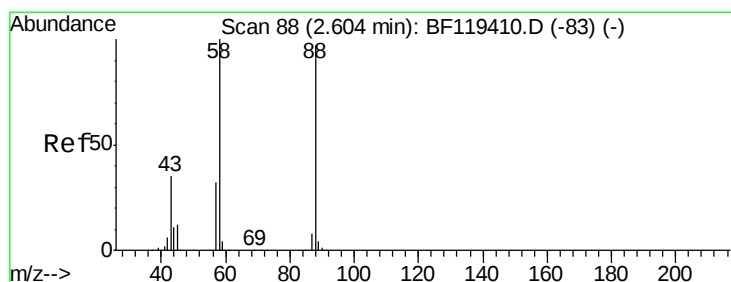
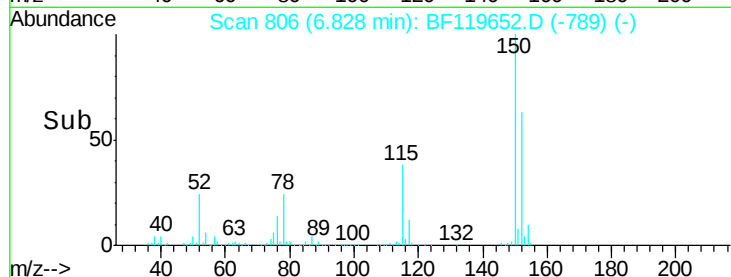
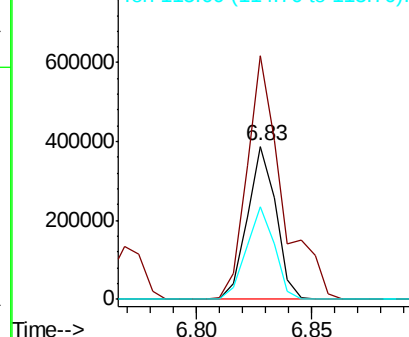


Abundance

Ion 152.00 (151.70 to 152.70): E

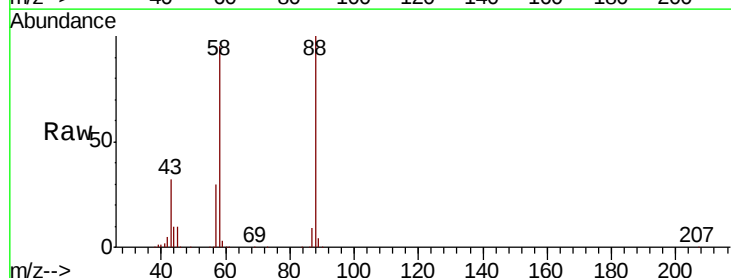
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 40.379 ng
 RT: 2.66 min Scan# 98
 Delta R.T. 0.12 min
 Lab File: BF119652.D
 Acq: 31 Mar 2020 15:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.9	80.6	121.0
43	32.5	27.5	41.3

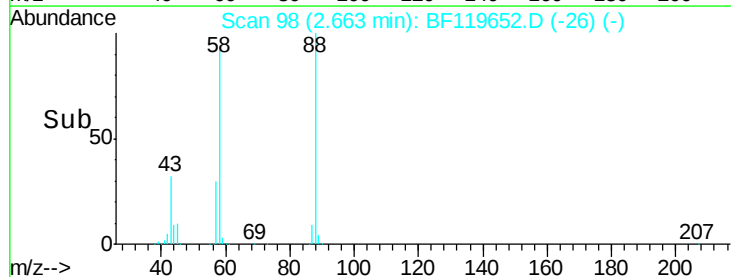
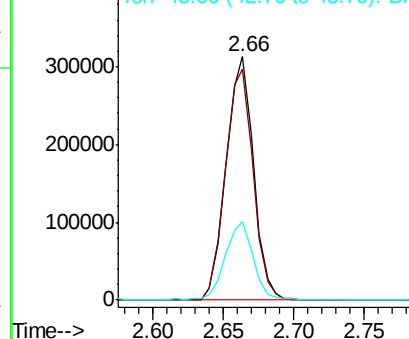


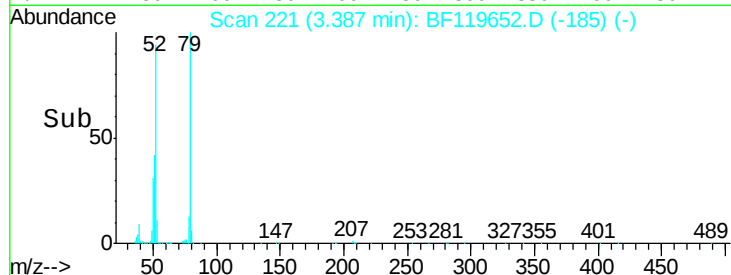
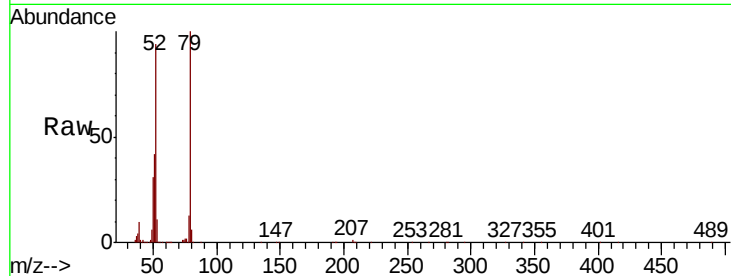
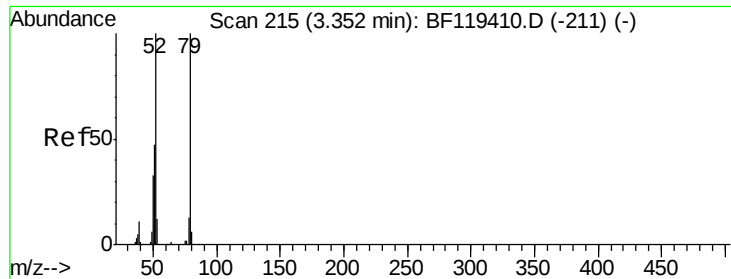
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





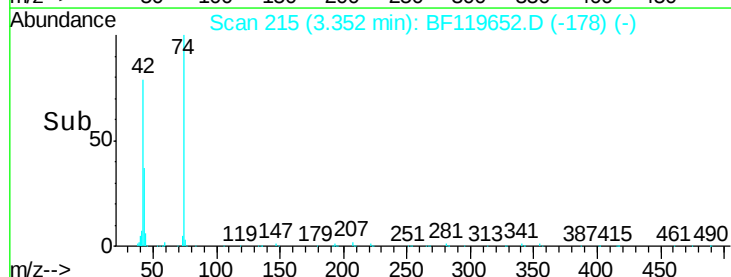
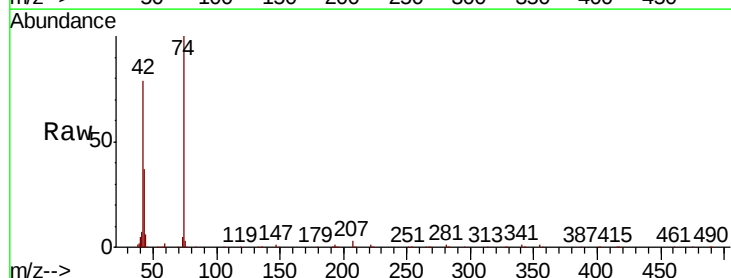
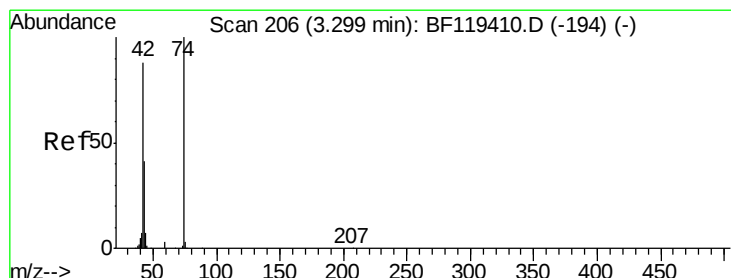
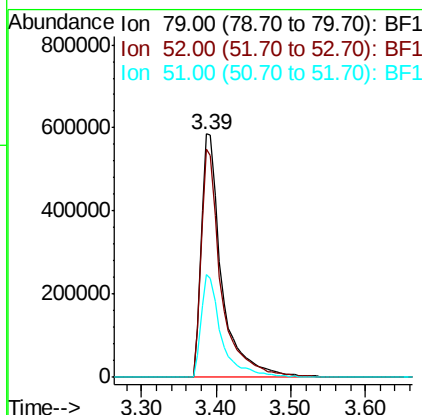
#3
Pvridine
Concen: 39.542 ng
RT: 3.39 min Scan# 221
Delta R.T. 0.11 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Tot Ion: 79 Resp: 1129711
Ion Ratio Lower Upper
79 100
52 93.9 80.2 120.2
51 42.1 37.7 56.5

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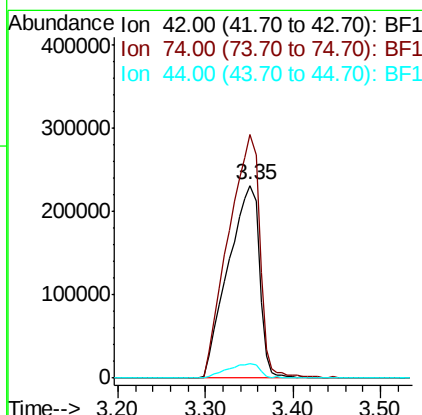
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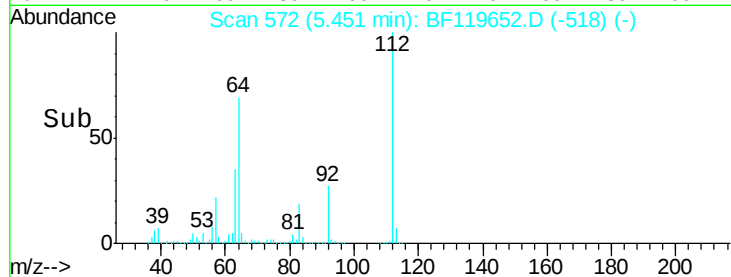
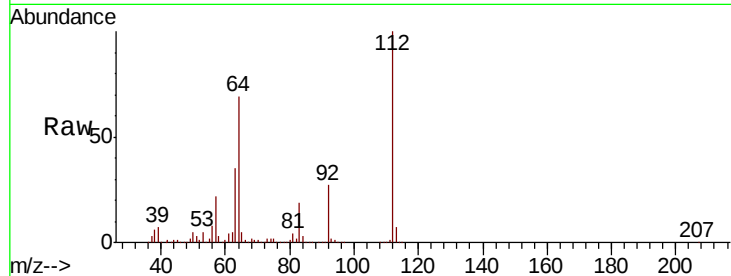
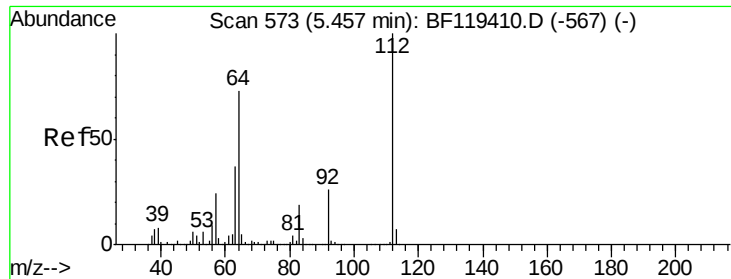
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#4
n-Nitrosodimethylamine
Concen: 40.569 ng
RT: 3.35 min Scan# 215
Delta R.T. 0.12 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Tgt Ion: 42 Resp: 565224
Ion Ratio Lower Upper
42 100
74 126.2 91.5 137.3
44 7.7 6.2 9.4





#5

2-Fluorophenol

Concen: 101.782 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.02 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

Tot Ion:	112	Resp:	2137134
Ion	Ratio	Lower	Upper
112	100		
64	68.5	56.7	85.1
63	35.3	29.5	44.3

Instrument :

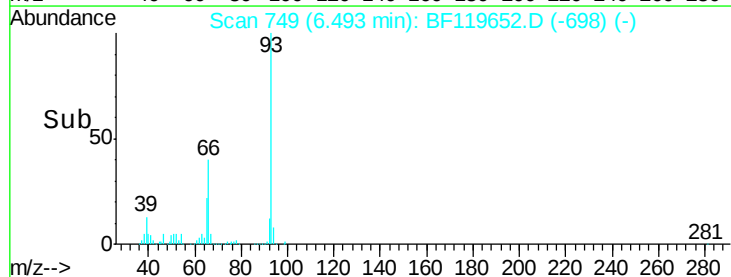
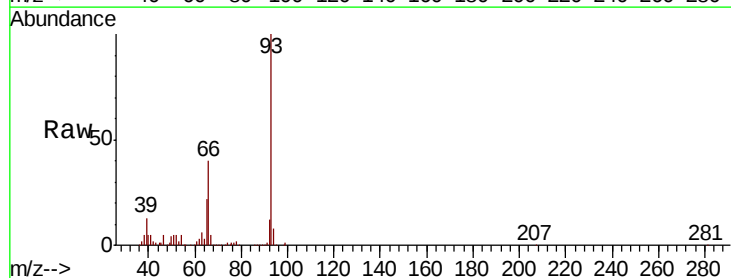
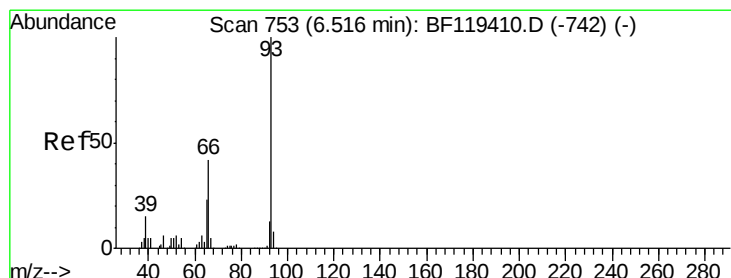
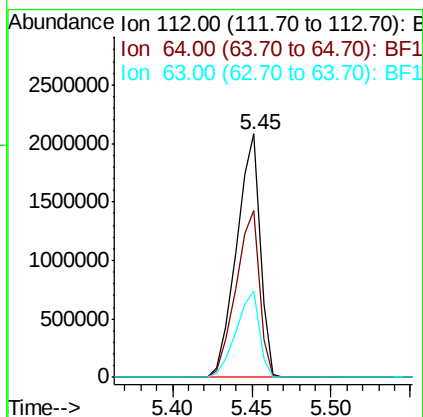
BNA_F

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#6

Aniline

Concen: 22.796 ng

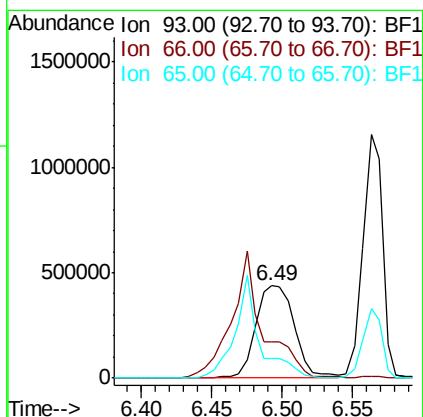
RT: 6.49 min Scan# 749

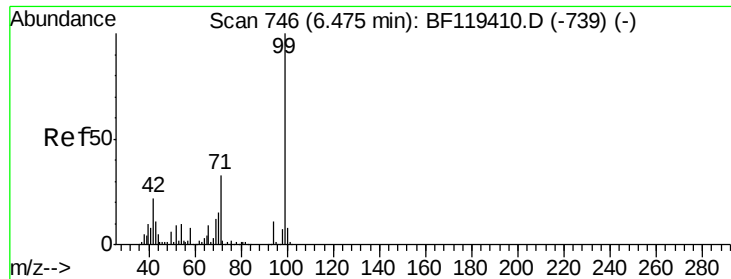
Delta R.T. 0.00 min

Lab File: BF119652.D

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Tgt Ion:	93	Resp:	843885
Ion	Ratio	Lower	Upper
93	100		
66	39.9	34.9	52.3
65	21.8	18.6	27.8





#7

Phenol-d6

Concen: 105.366 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MSD

Tot Ion: 99 Resp: 2826176

Ion Ratio Lower Upper

99 100

42 19.5 16.6 24.8

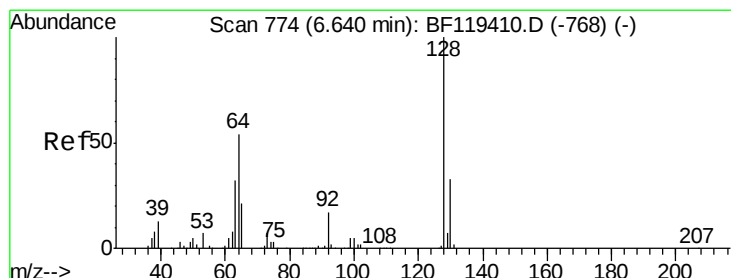
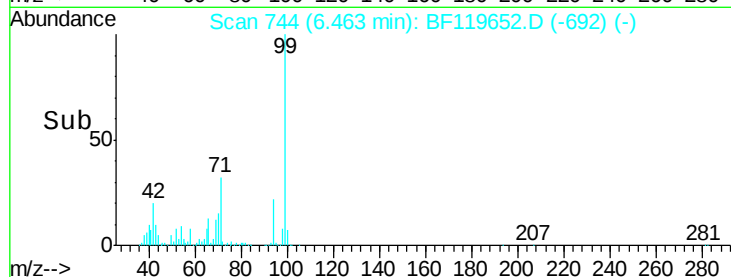
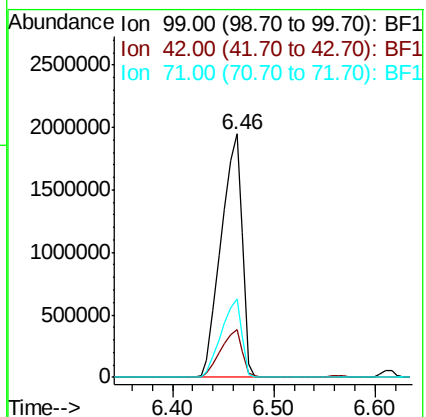
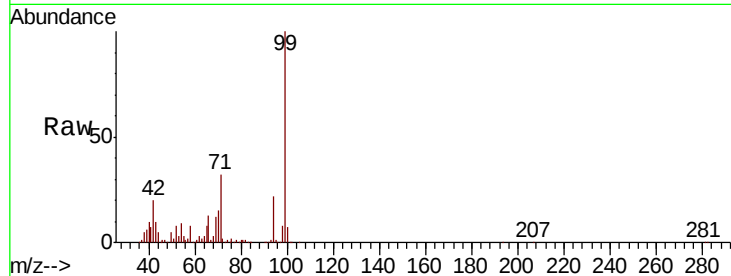
71 32.2 26.4 39.6

Manual Integrations

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#8

2-Chlorophenol

Concen: 52.362 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

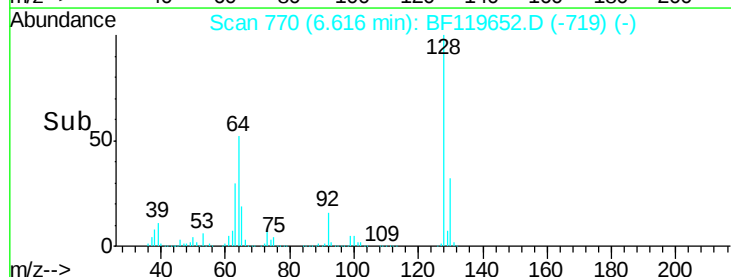
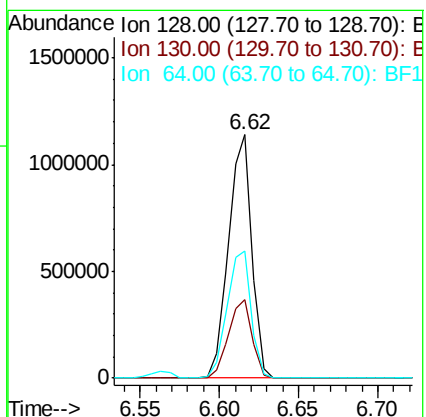
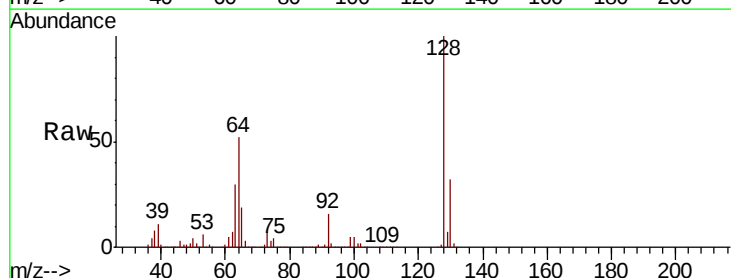
Tgt Ion:128 Resp: 1154727

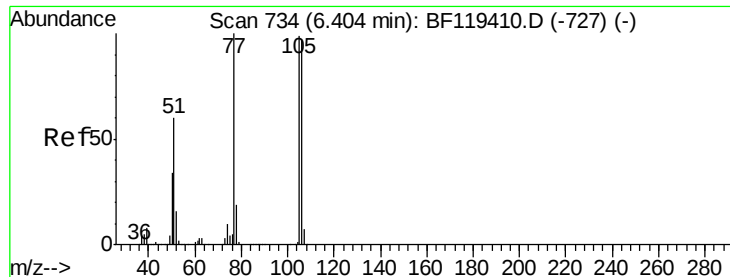
Ion Ratio Lower Upper

128 100

130 32.1 12.6 52.6

64 52.1 35.3 75.3





#9

Benzaldehyde

Concen: 37.803 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

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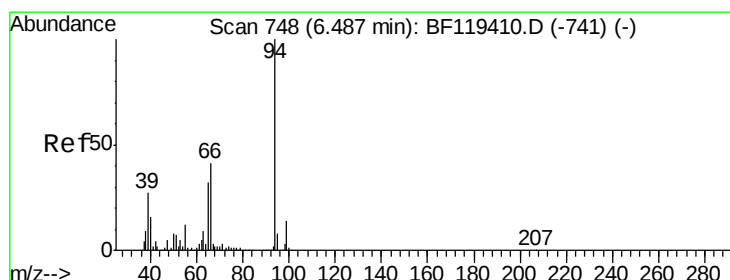
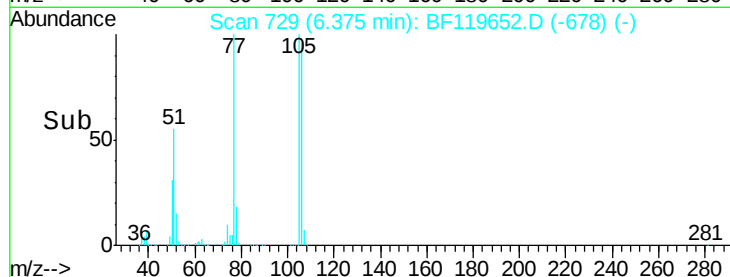
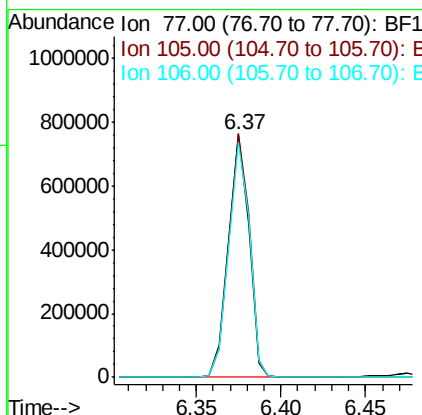
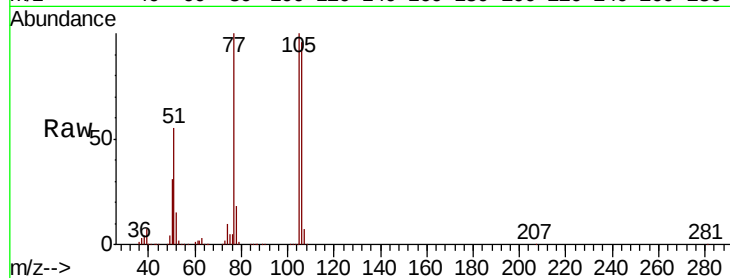
ClientSampleId :

SB-6-(10-12)MSD

Tot Ion:	77	Resp:	643225
Ion Ratio	Lower	Upper	
77	100		
105	100.1	80.9	120.9
106	96.4	77.9	117.9

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#10

Phenol

Concen: 49.378 ng

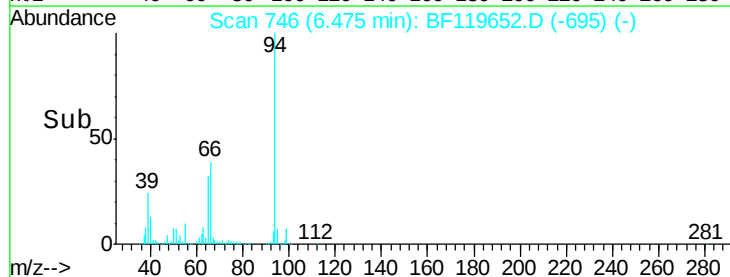
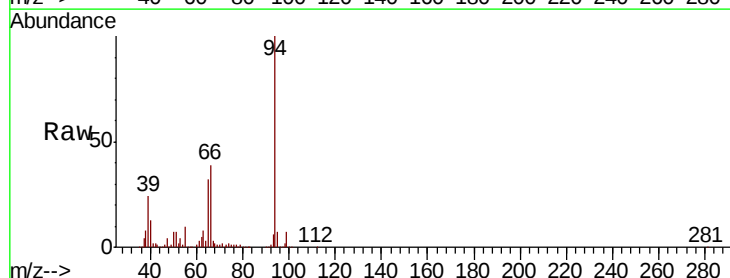
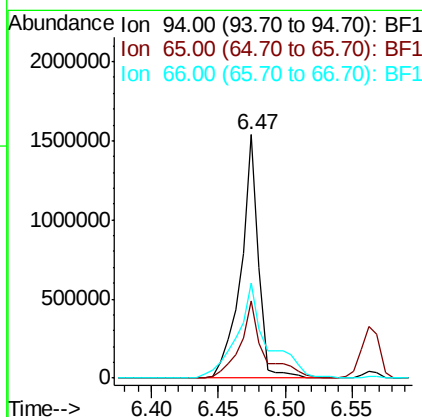
RT: 6.47 min Scan# 746

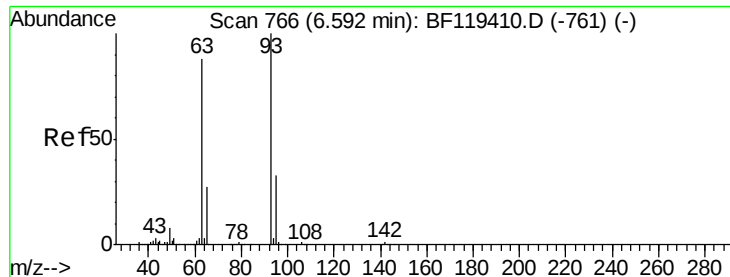
Delta R.T. 0.00 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

Tgt Ion:	94	Resp:	1413212
Ion Ratio	Lower	Upper	
94	100		
65	31.7	13.2	53.2
66	39.2	22.3	62.3





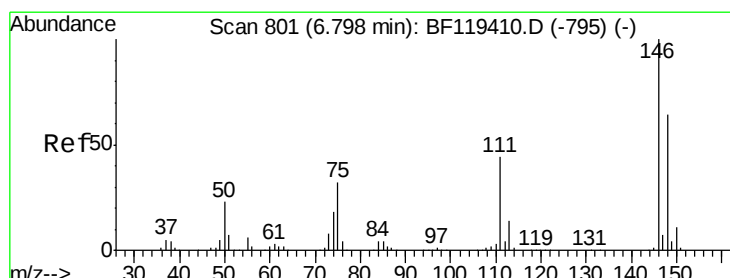
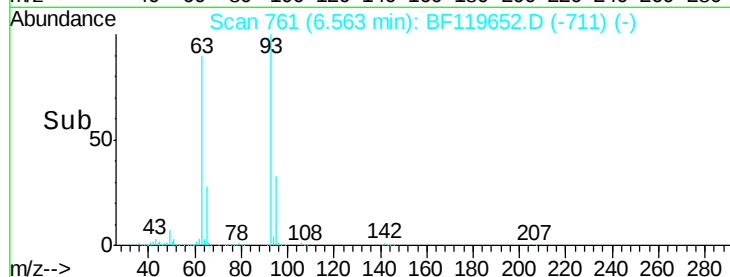
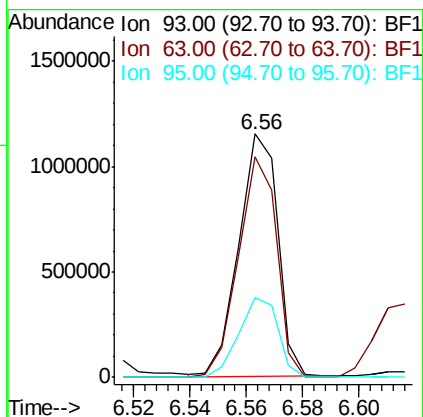
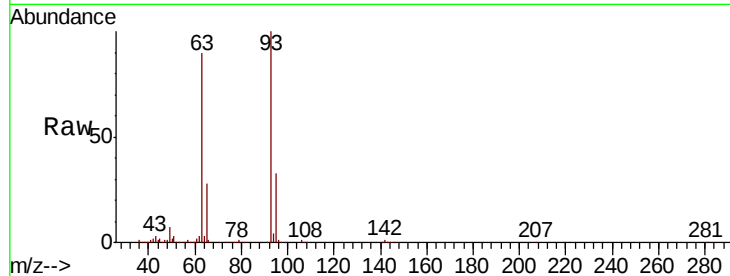
#11
bis(2-Chloroethyl)ether
Concen: 48.341 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	90.5	70.2	110.2
95	33.0	13.4	53.4

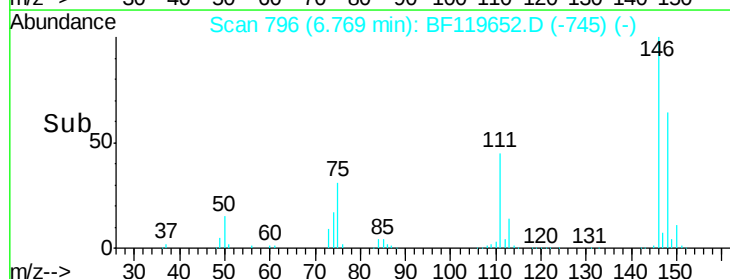
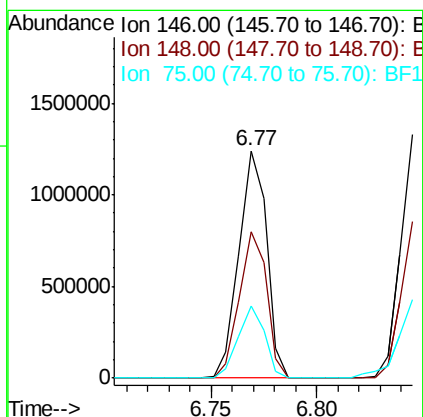
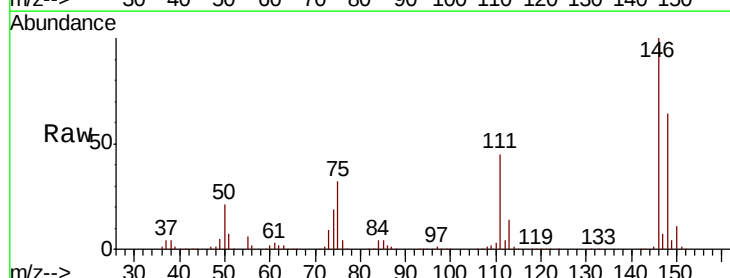
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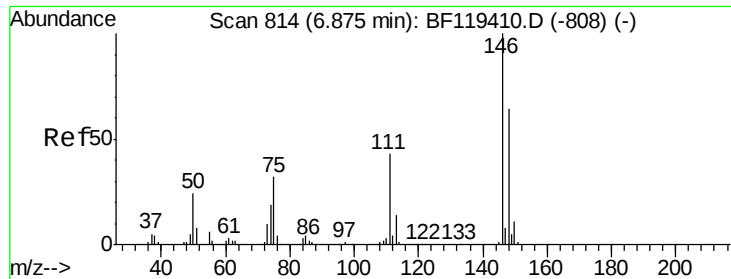
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#12
1,3-Dichlorobenzene
Concen: 47.288 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.2	78.4
75	31.9	23.0	34.4





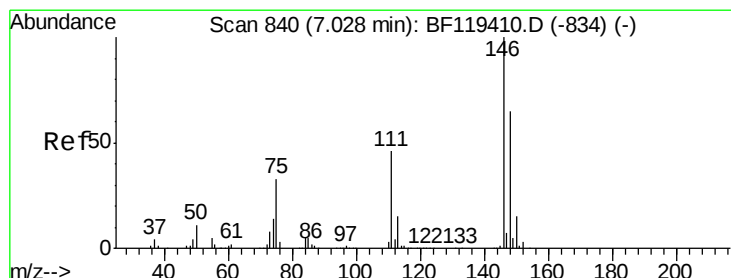
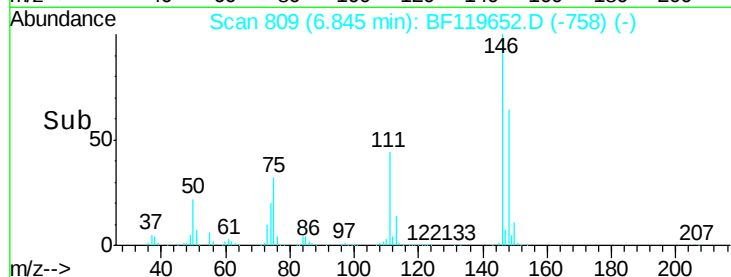
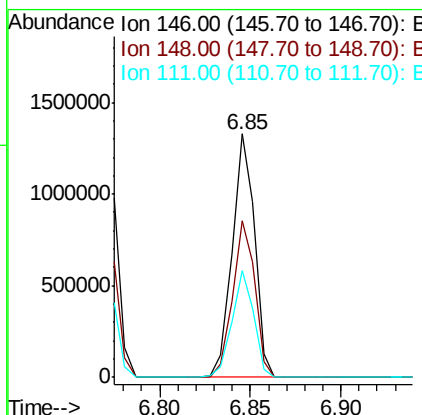
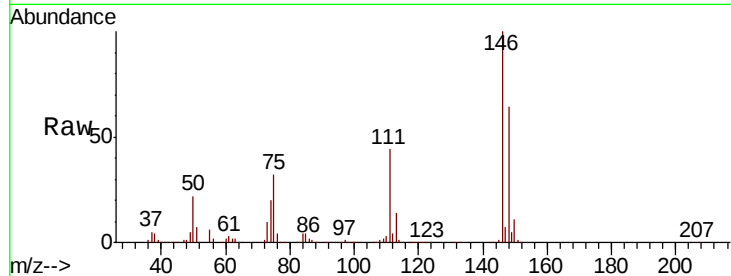
#13
1,4-Dichlorobenzene
Concen: 47.686 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.5	77.3
111	43.6	33.3	49.9

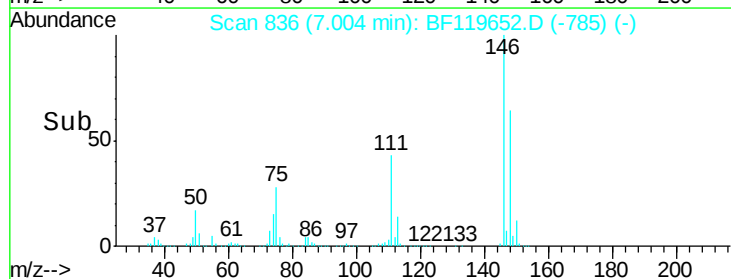
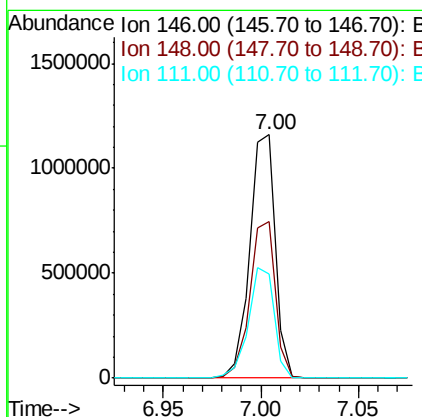
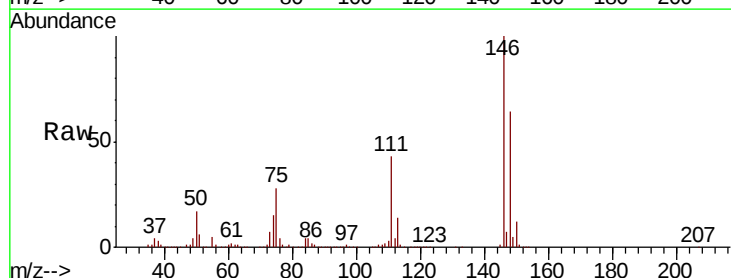
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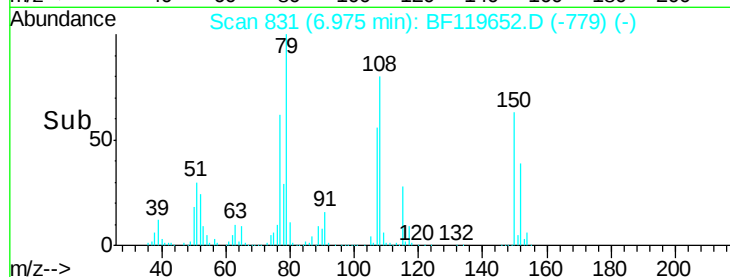
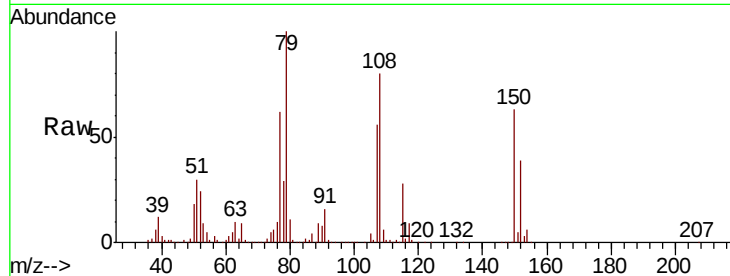
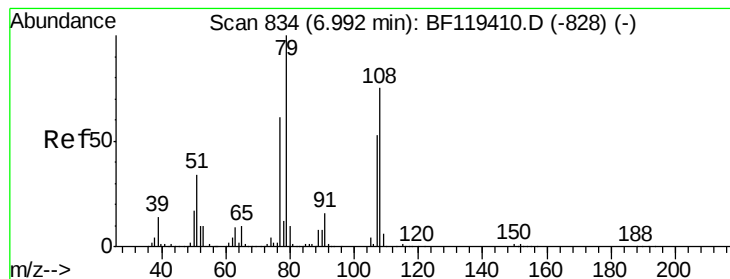
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#14
1,2-Dichlorobenzene
Concen: 47.156 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.6	75.8
111	42.8	36.1	54.1





#15

Benzyl Alcohol

Concen: 46.271 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.01 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

Tot Ion:	79	Resp:	933589
Ion Ratio	Lower	Upper	
79	100		
108	80.5	60.6	90.8
77	62.0	50.2	75.2

Instrument :

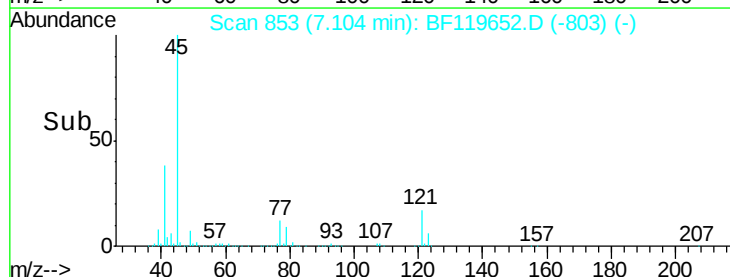
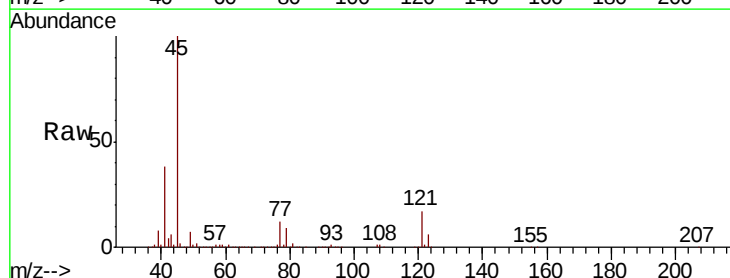
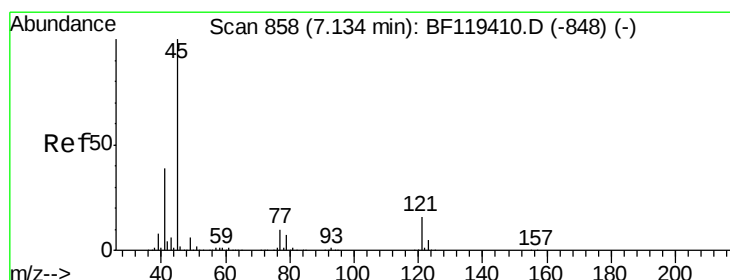
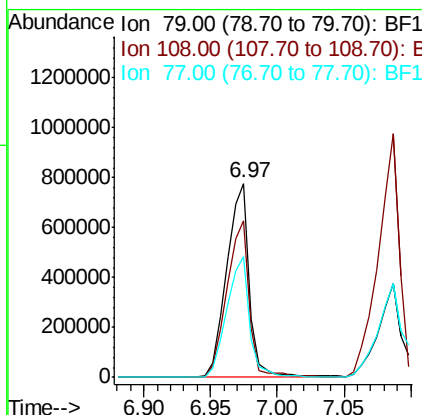
BNA_F

ClientSampleId :

SB-6-(10-12)MSD

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.912 ng

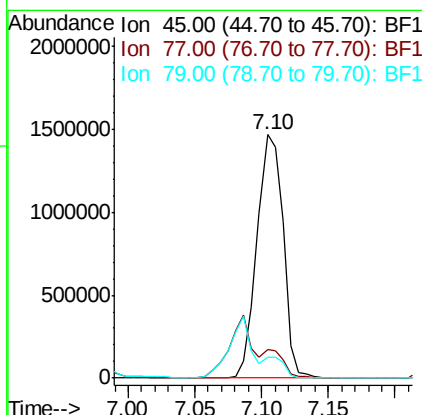
RT: 7.10 min Scan# 853

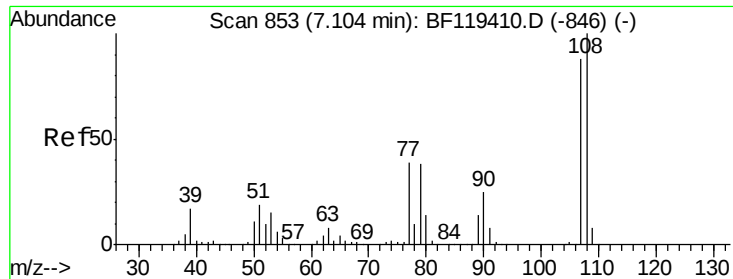
Delta R.T. -0.01 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

Tgt Ion:	45	Resp:	1981293
Ion Ratio	Lower	Upper	
45	100		
77	11.5	0.0	30.7
79	8.7	0.0	28.2





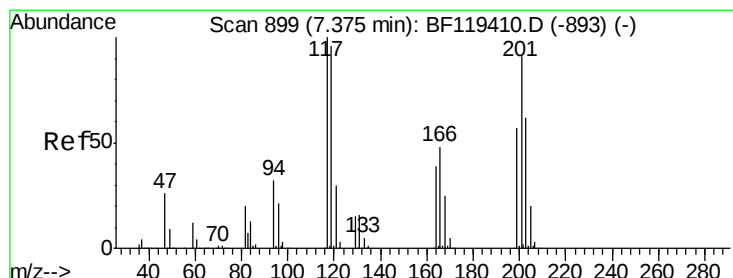
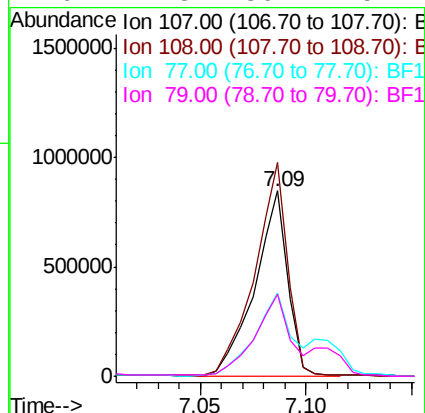
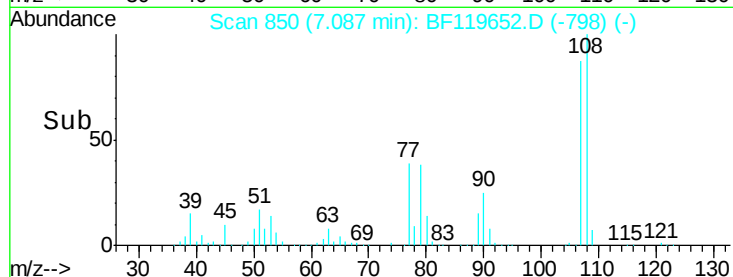
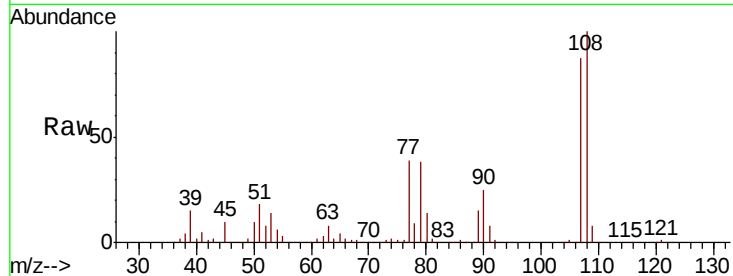
#17
2-Methylphenol
Concen: 45.101 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.2	92.2	138.4	
77	44.7	36.6	54.8	
79	44.3	36.2	54.4	

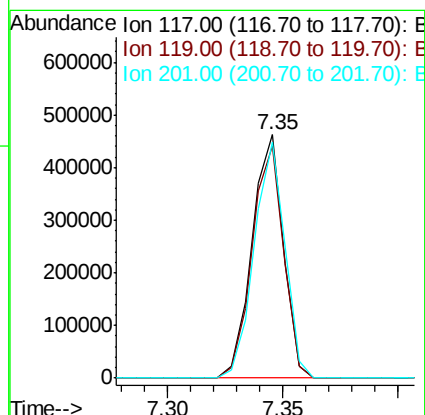
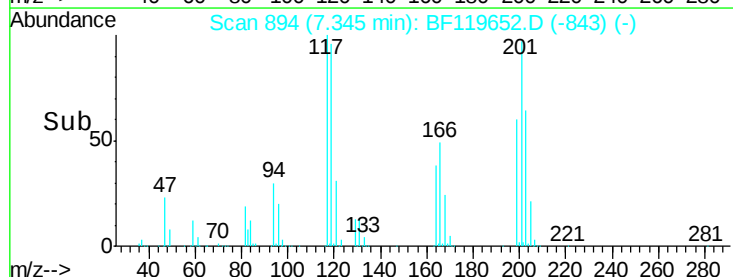
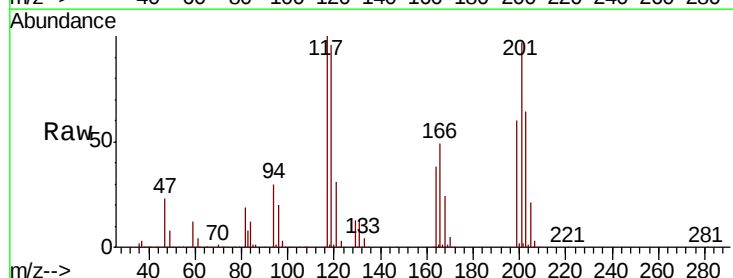
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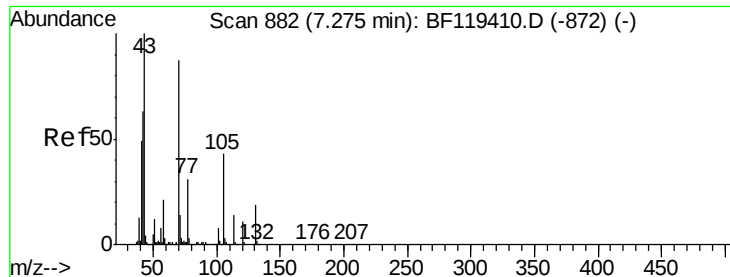
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#18
Hexachloroethane
Concen: 50.090 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.00 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	76.1	114.1	
201	97.0	73.0	109.6	





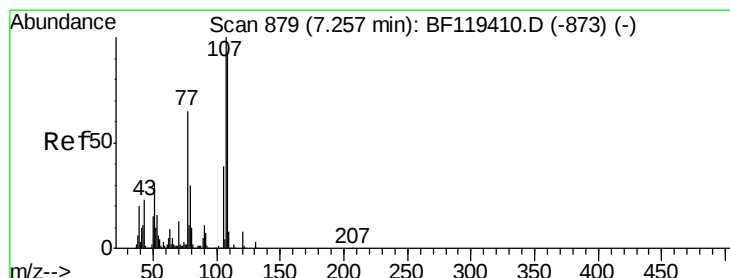
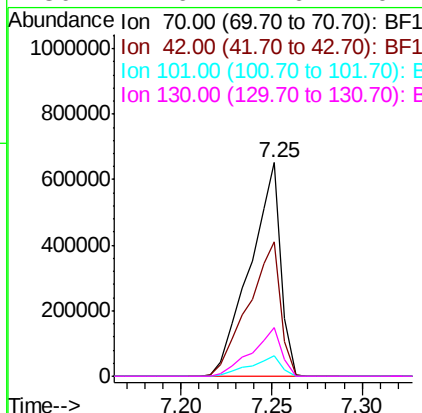
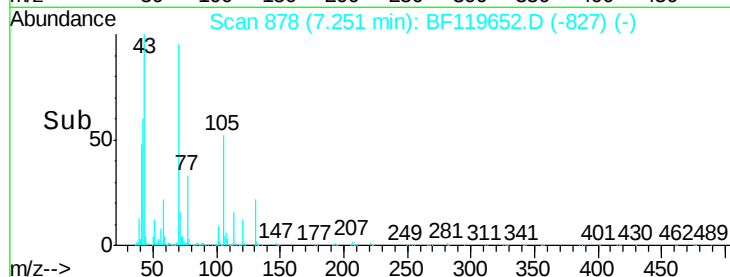
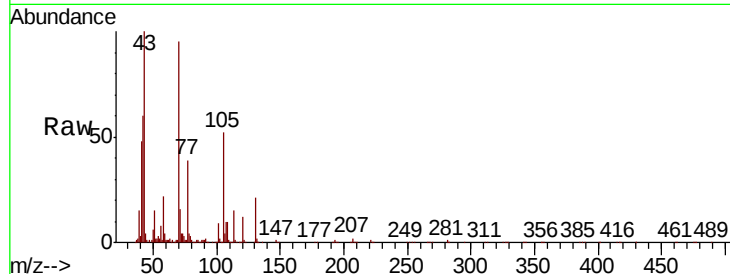
#19
n-Nitroso-di-n-propylamine
Concen: 47.512 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.0	54.5	81.7
101	9.5	7.6	11.4
130	22.6	17.6	26.4

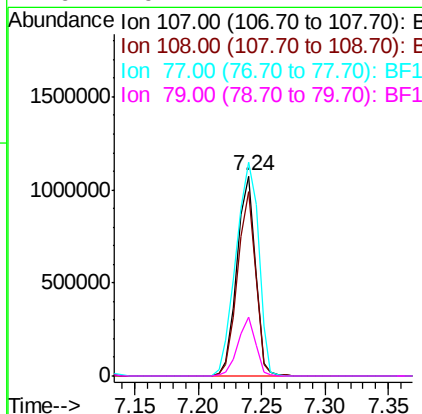
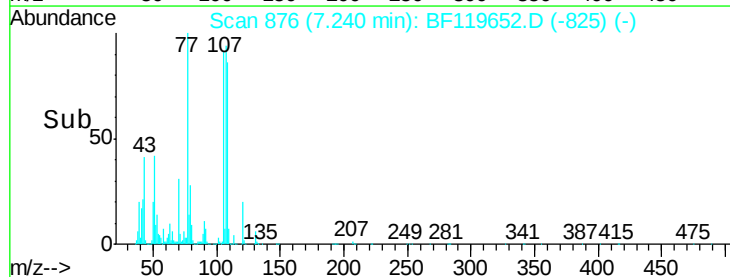
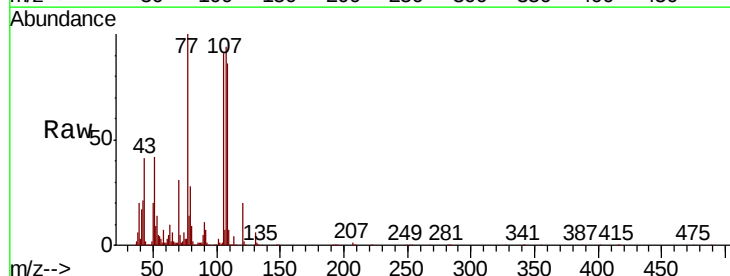
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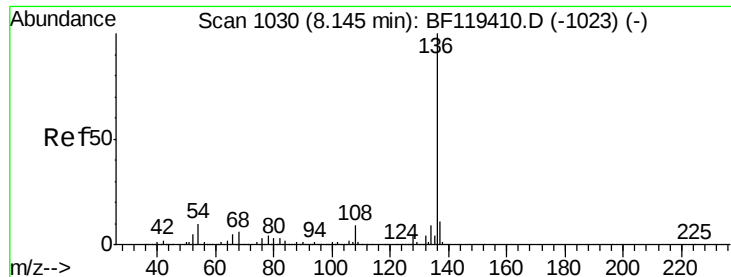
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#20
3+4-Methylphenols
Concen: 43.292 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.8	67.9	107.9
77	106.7	52.9	92.9
79	29.7	7.7	47.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MSD

Tot Ion:136 Resp: 1312067

Ion Ratio Lower Upper

136 100

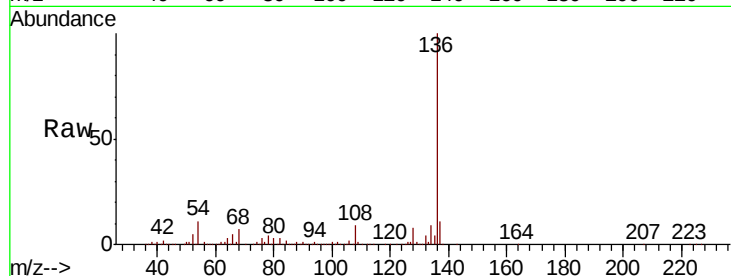
137 11.2 8.7 13.1

54 10.7 9.1 13.7

68 6.5 4.6 6.8

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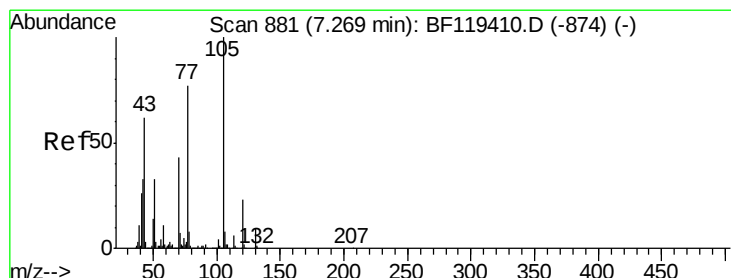
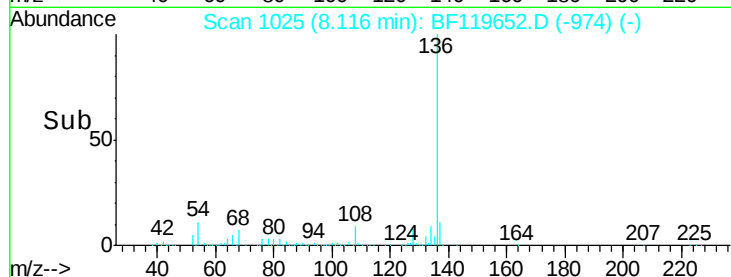
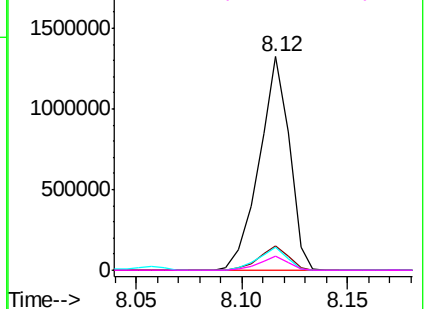


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.360 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

Tgt Ion:105 Resp: 1422101

Ion Ratio Lower Upper

105 100

71 5.8 5.7 8.5

51 46.6 26.2 39.4#

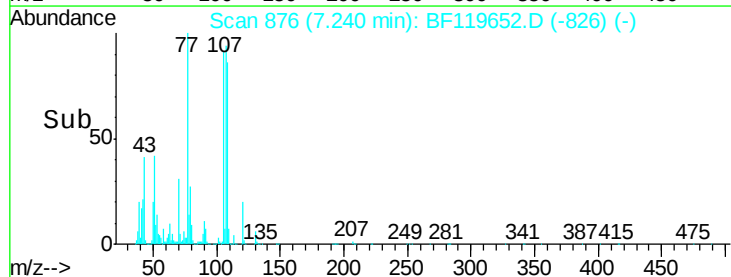
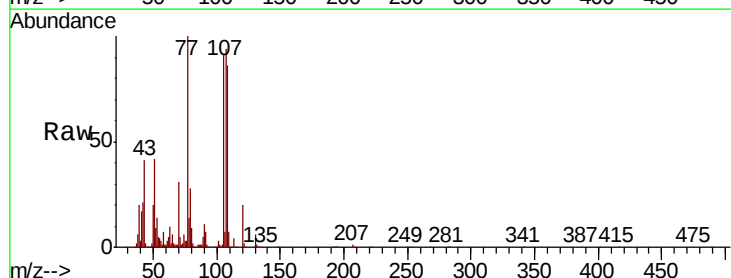
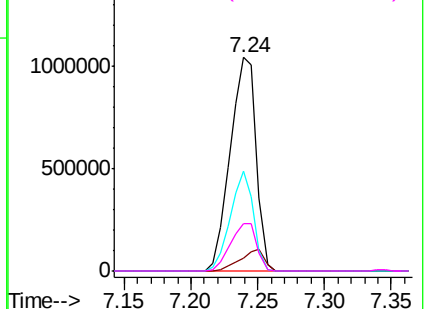
120 21.9 18.3 27.5

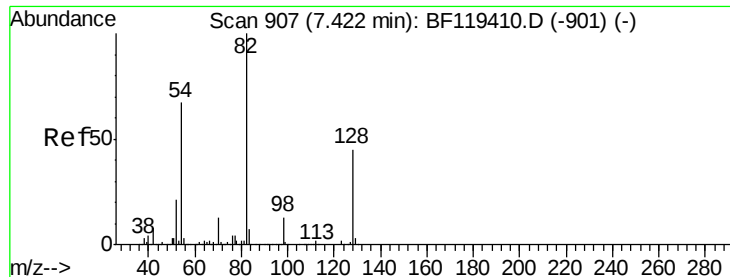
Abundance Ion 105.00 (104.70 to 105.70): E

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





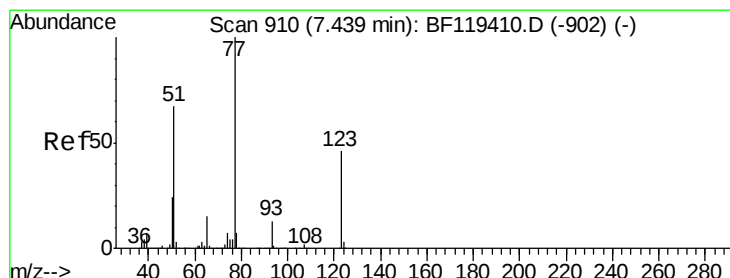
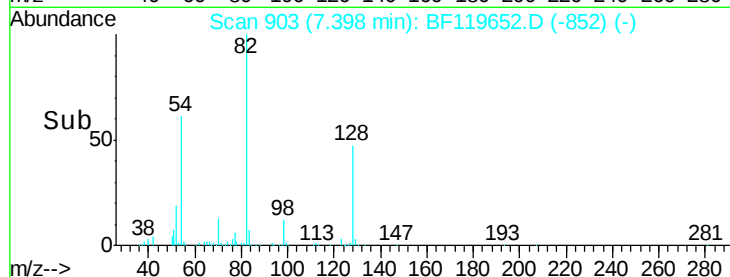
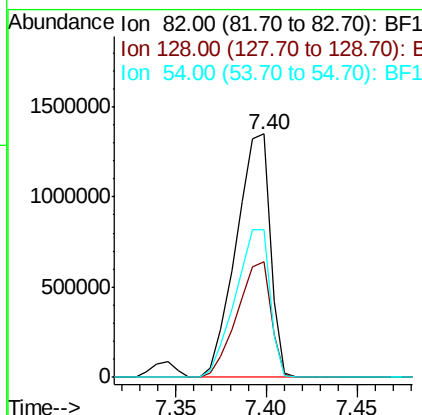
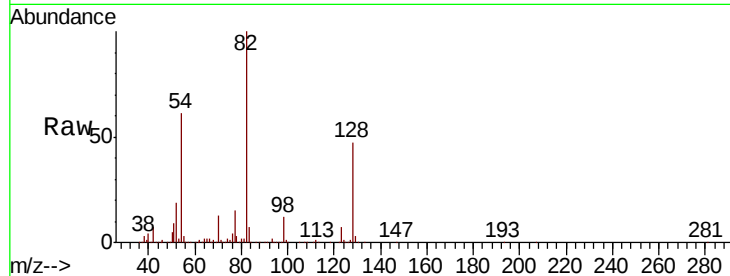
#23
Nitrobenzene-d5
Concen: 73.175 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MSD

Tot Ion: 82 Resp: 1766592
Ion Ratio Lower Upper
82 100
128 47.5 36.3 54.5
54 60.8 50.6 75.8

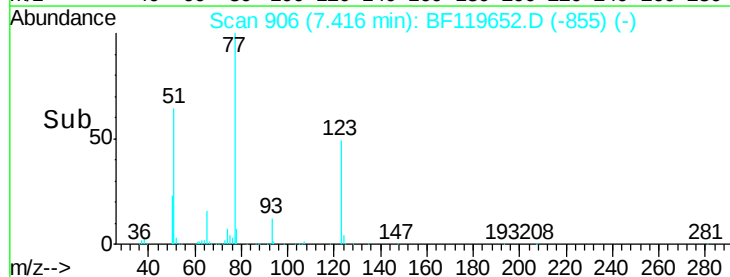
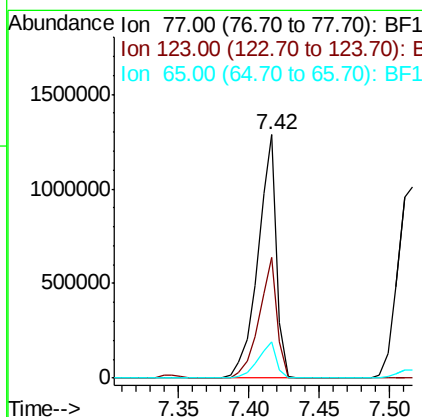
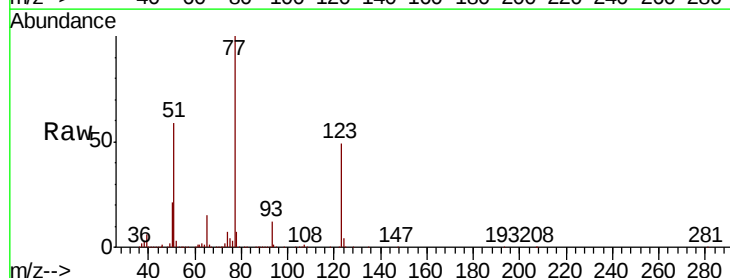
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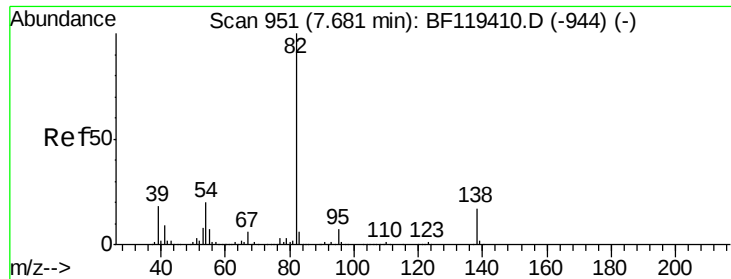
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#24
Nitrobenzene
Concen: 45.980 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Tgt Ion: 77 Resp: 1186306
Ion Ratio Lower Upper
77 100
123 49.4 38.0 57.0
65 15.0 12.6 18.8





#25

Isophorone

Concen: 45.579 ng

RT: 7.66 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MSD

Tot Ion: 82 Resp: 2232126

Ion Ratio Lower Upper

82 100

95 6.8 5.8 8.6

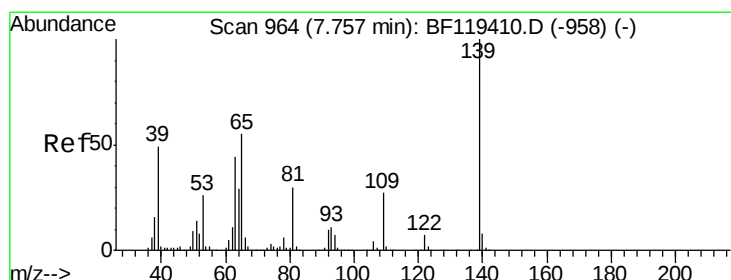
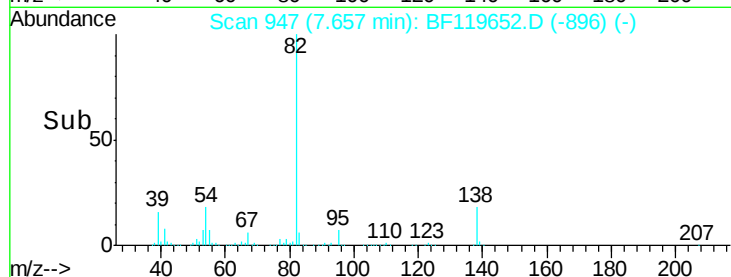
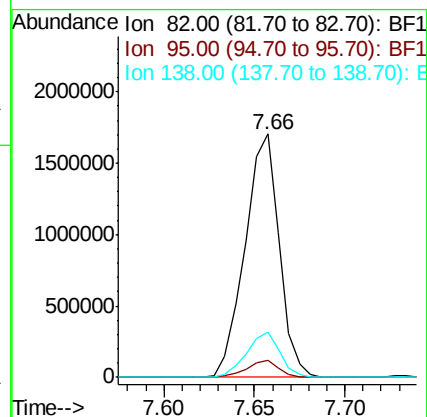
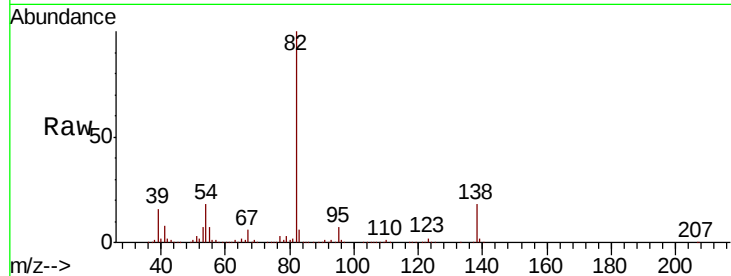
138 18.4 14.6 21.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 61.052 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

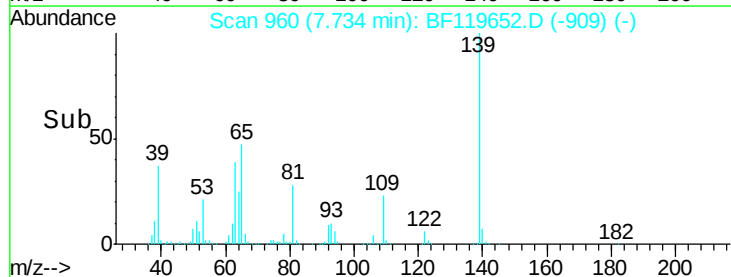
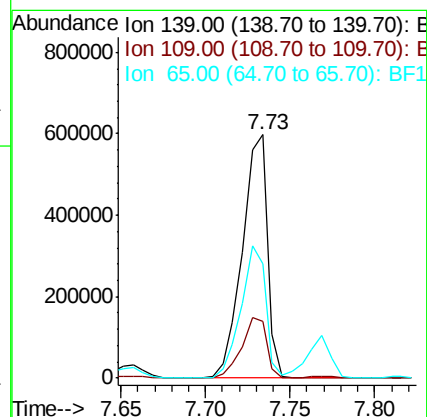
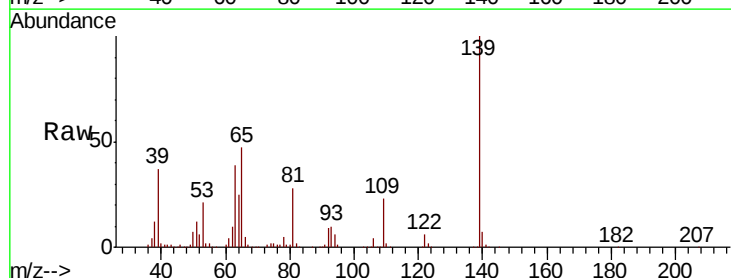
Tgt Ion: 139 Resp: 620200

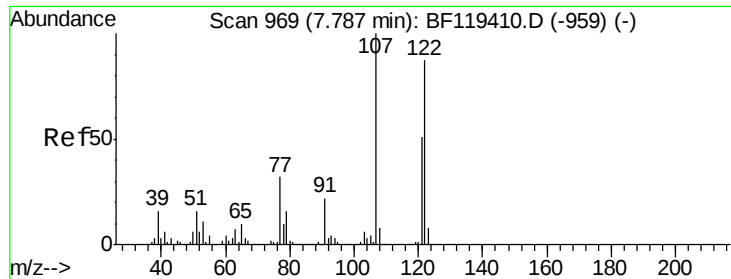
Ion Ratio Lower Upper

139 100

109 23.5 22.1 33.1

65 47.2 49.2 73.8#





#27

2,4-Dimethylphenol

Concen: 46.938 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

Instrument :

BNA_F

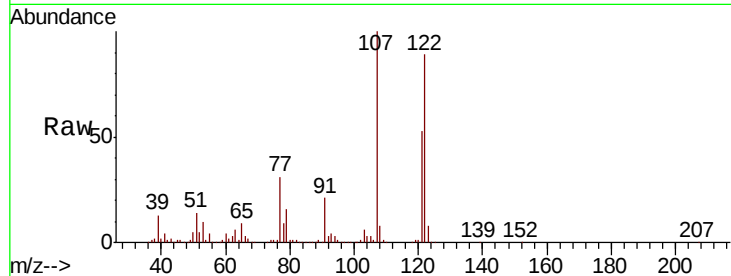
ClientSampleId :

SB-6-(10-12)MSD

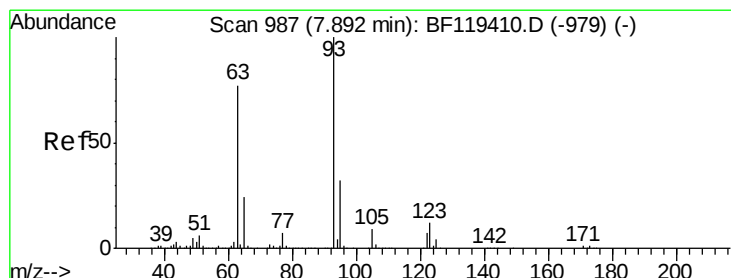
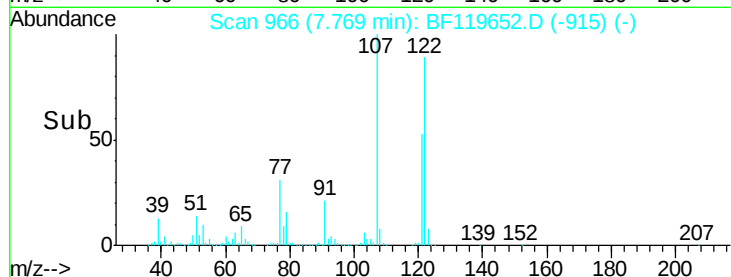
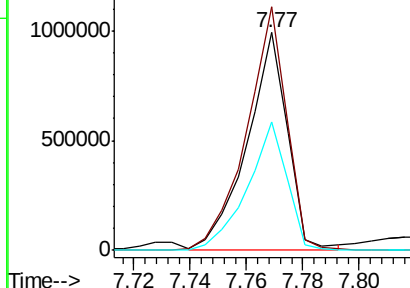
Tot Ion:	122	Resp:	985954
Ion Ratio	Lower	Upper	
122	100		
107	111.9	89.0	133.6
121	59.2	46.7	70.1

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Abundance Ion 122.00 (121.70 to 122.70): E
1500000
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 49.427 ng

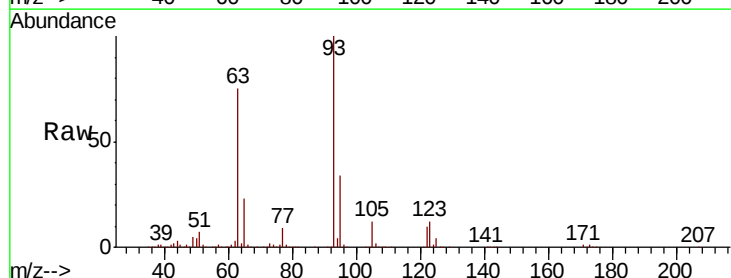
RT: 7.87 min Scan# 983

Delta R.T. 0.00 min

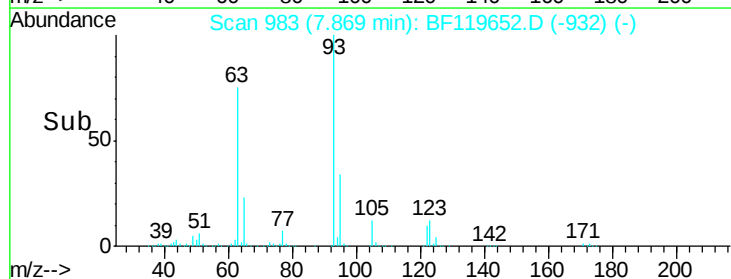
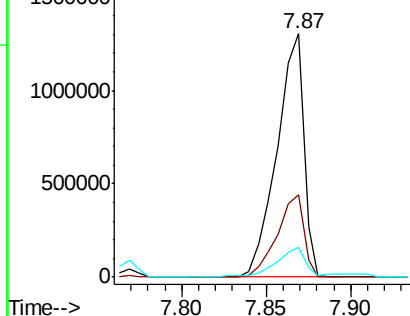
Lab File: BF119652.D

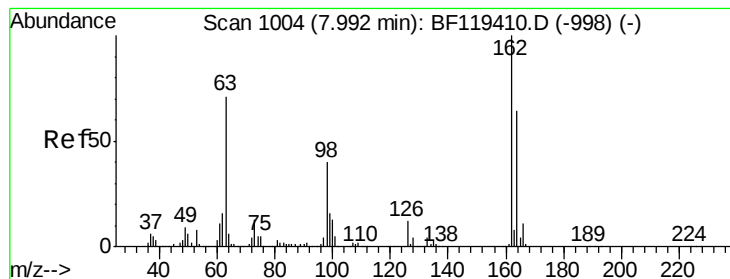
Acq: 31 Mar 2020 15:27

Tgt Ion:	93	Resp:	1431378
Ion Ratio	Lower	Upper	
93	100		
95	33.6	26.3	39.5
123	12.4	9.7	14.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
1500000
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 48.841 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

Instrument :

BNA_F

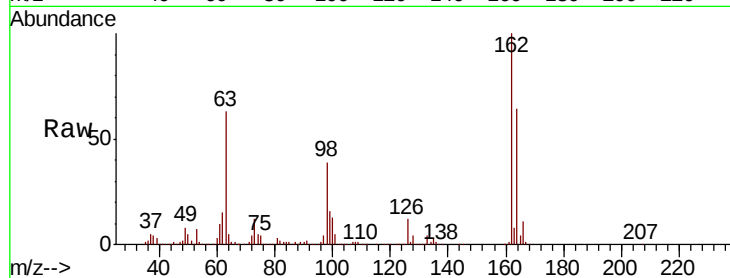
ClientSampleId :

SB-6-(10-12)MSD

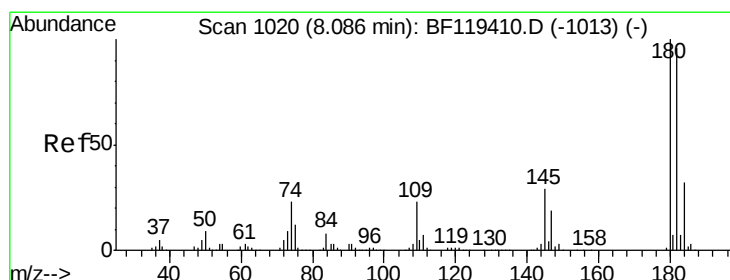
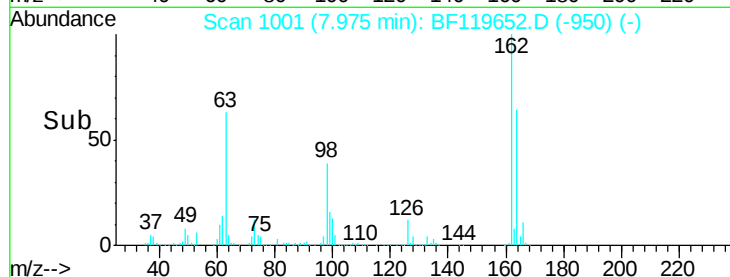
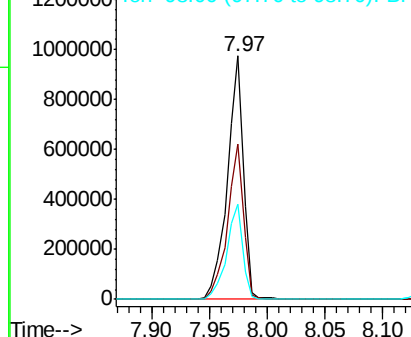
Tot Ion:	162	Resp:	942654
Ion Ratio	Lower	Upper	
162	100		
164	64.0	44.7	84.7
98	38.9	20.7	60.7

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



#30

1,2,4-Trichlorobenzene

Concen: 46.846 ng

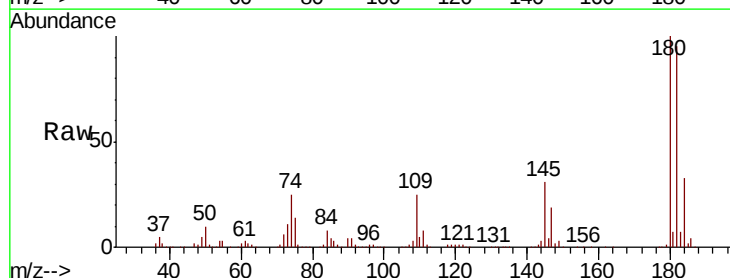
RT: 8.06 min Scan# 1015

Delta R.T. 0.00 min

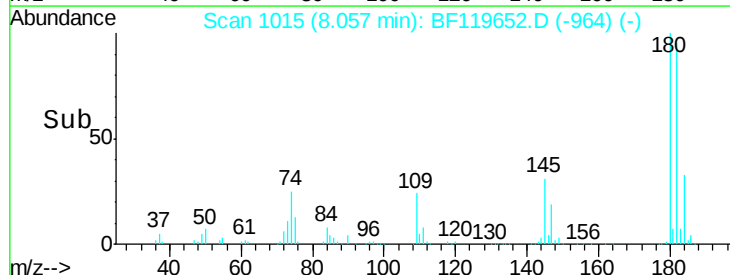
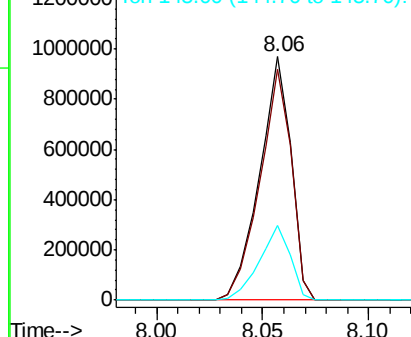
Lab File: BF119652.D

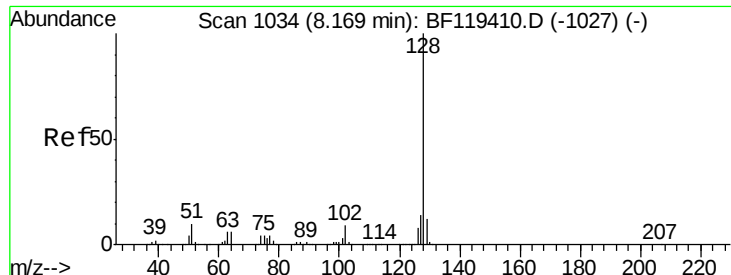
Acq: 31 Mar 2020 15:27

Tgt Ion:	180	Resp:	999905
Ion Ratio	Lower	Upper	
180	100		
182	95.0	74.7	112.1
145	30.7	24.5	36.7



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





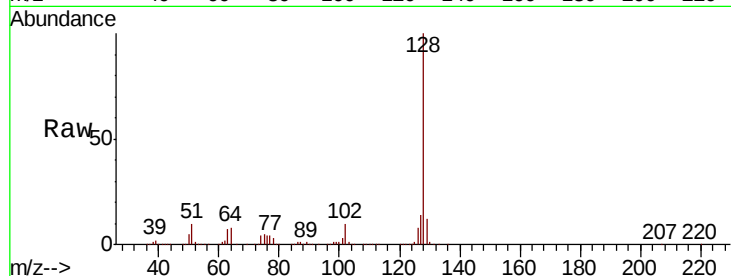
#31
Naphthalene
Concen: 46.057 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.5	14.3
127	14.5	11.3	16.9

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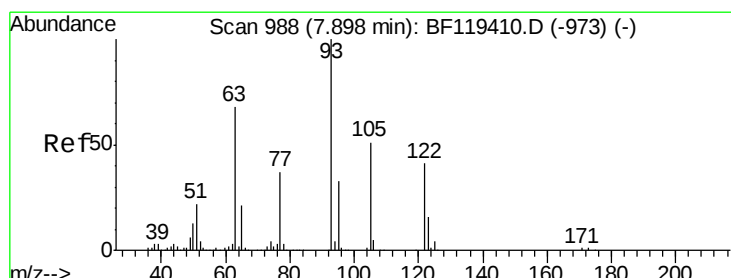
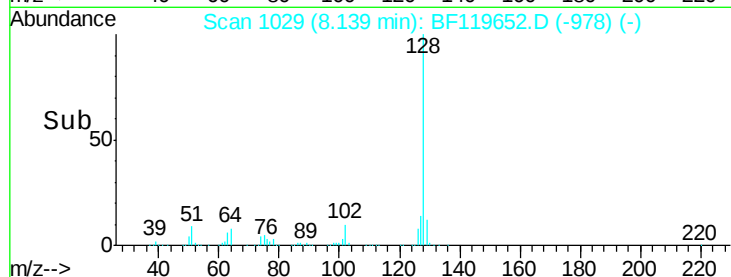
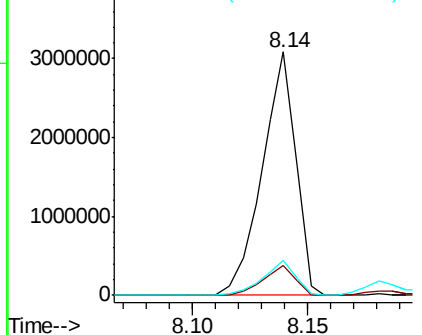


Abundance

Ion 128.00 (127.70 to 128.70): E

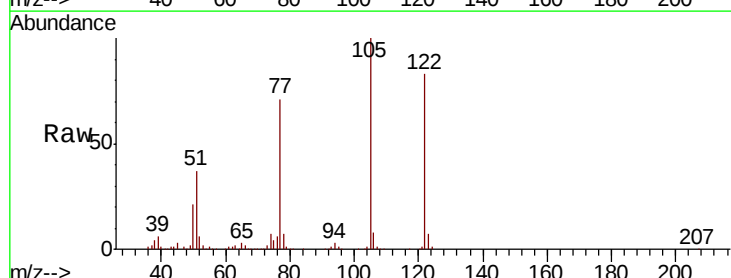
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 62.496 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.01 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.3	104.9	144.9
77	85.6	74.4	114.4

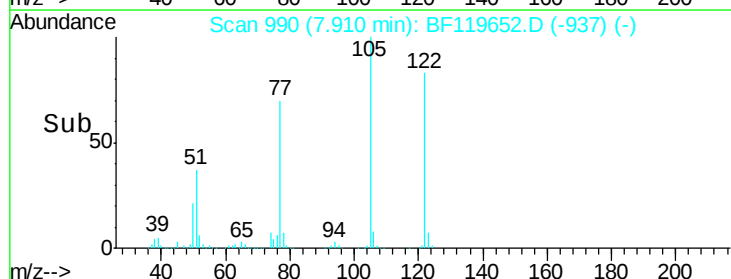
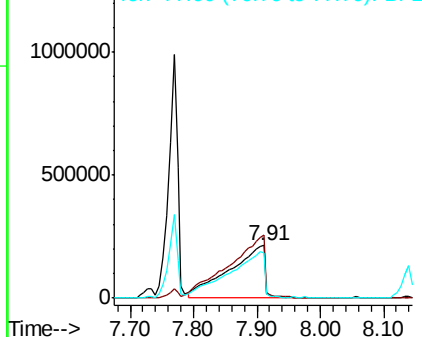


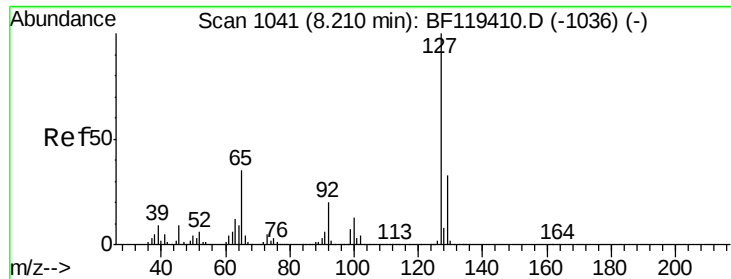
Abundance

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





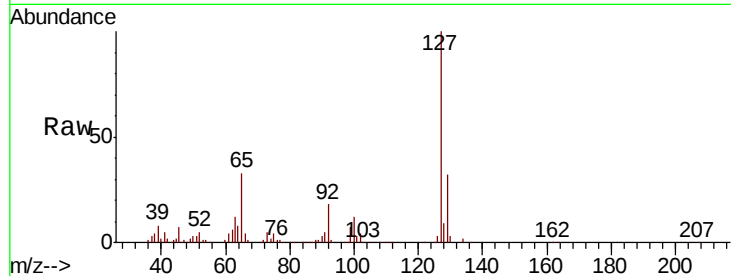
#33
4-Chloroaniline
Concen: 9.617 ng m
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MSD

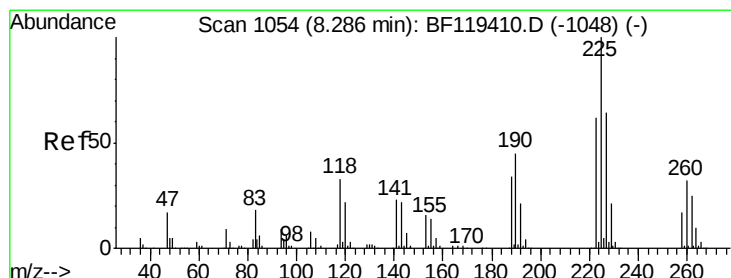
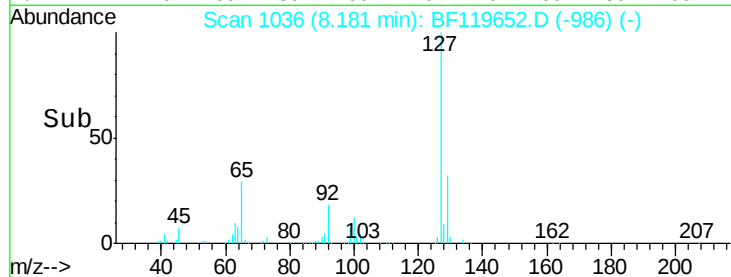
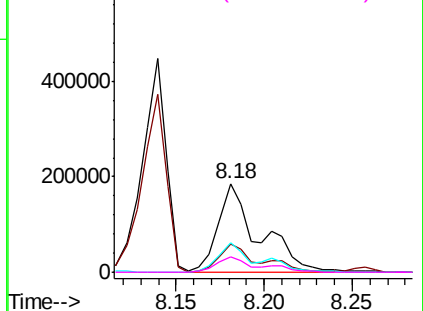
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		297528		
129	31.6	26.2	39.4		
65	32.8	27.4	41.0		
92	17.8	15.3	22.9		

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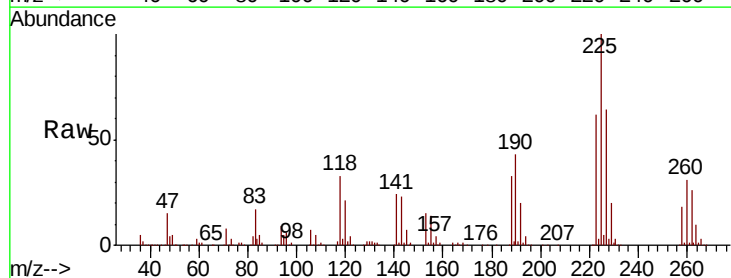


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

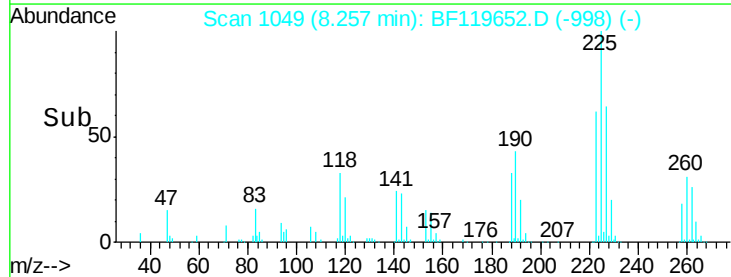
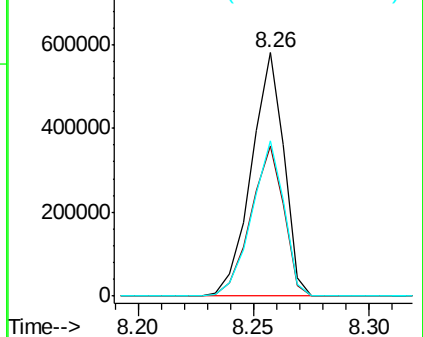


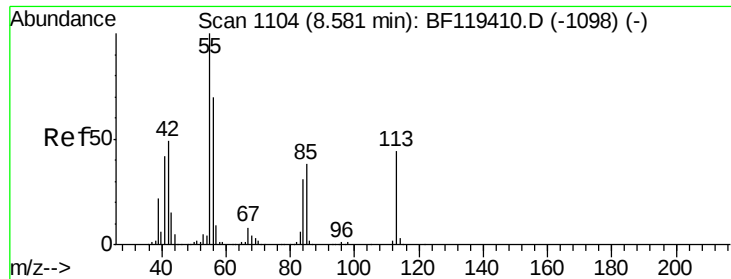
#34
Hexachlorobutadiene
Concen: 47.619 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		568683		
223	61.6	51.0	76.6		
227	63.8	50.7	76.1		



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





#35

Caprolactam

Concen: 43.352 ng/ml

RT: 8.57 min Scan# 1103

Delta R.T. 0.01 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MSD

Tot Ion: 113 Resp: 273837

Ion Ratio Lower Upper

113 100

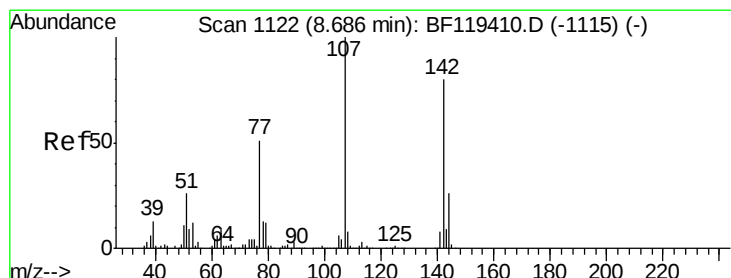
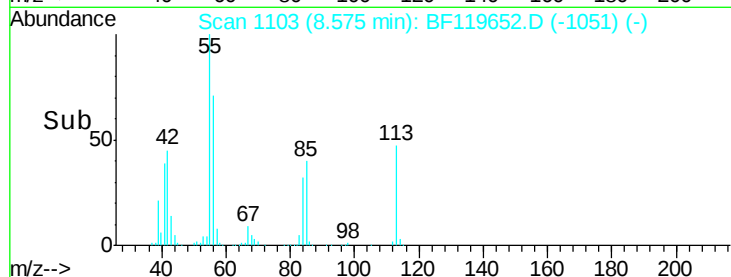
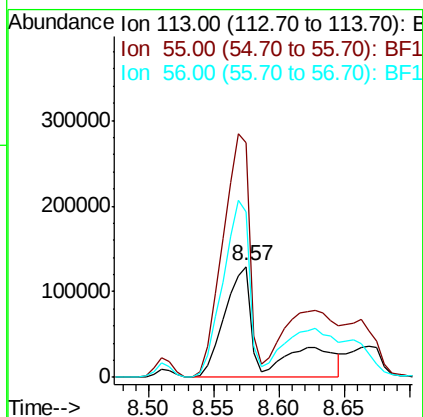
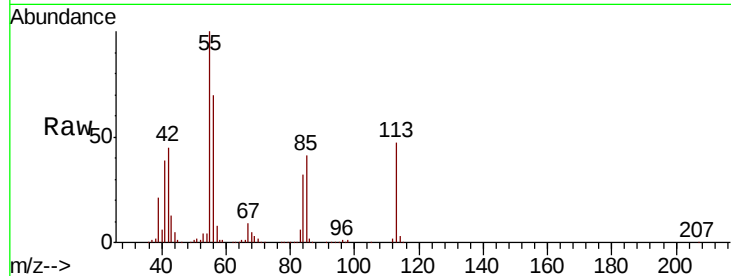
55 211.4 218.4 258.4#

56 148.9 148.9 188.9

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#36

4-Chloro-3-methylphenol

Concen: 48.328 ng/ml

RT: 8.67 min Scan# 1120

Delta R.T. 0.01 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

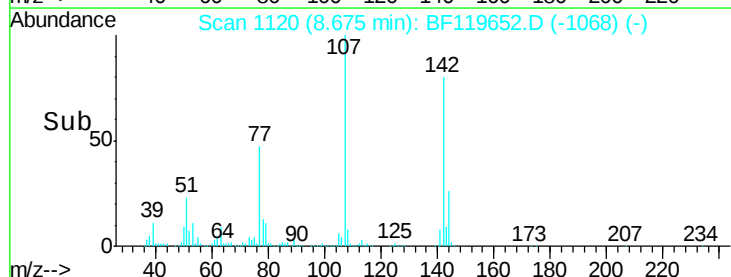
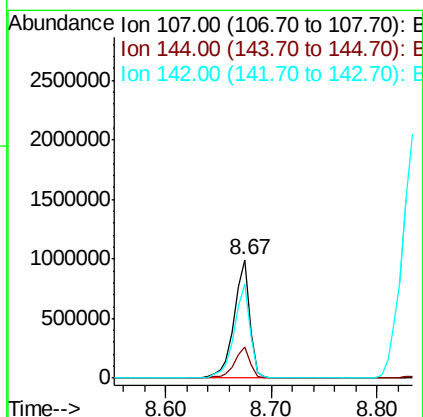
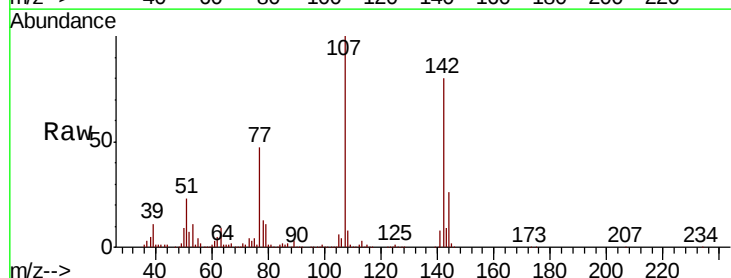
Tgt Ion: 107 Resp: 1019468

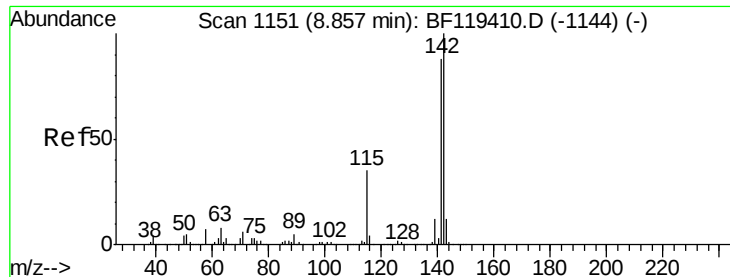
Ion Ratio Lower Upper

107 100

144 26.0 21.0 31.6

142 79.5 64.4 96.6





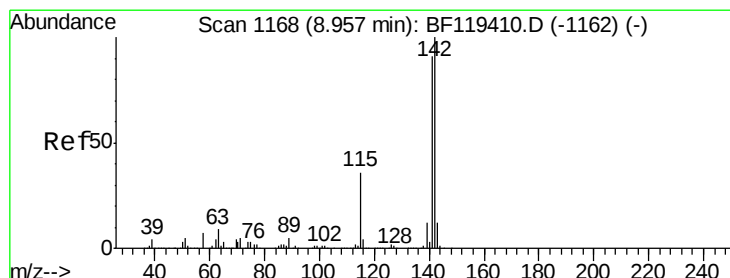
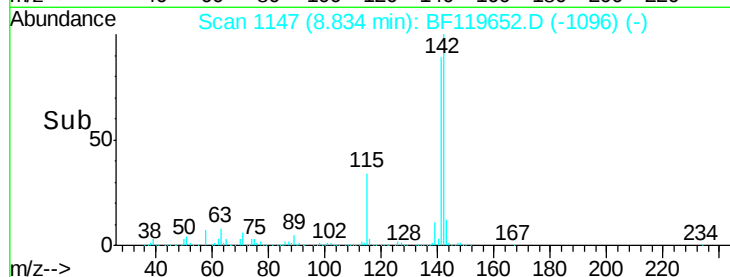
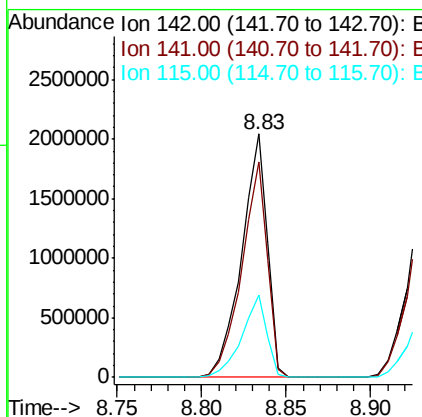
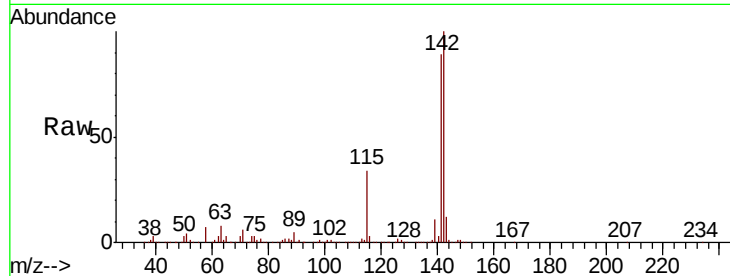
#37
2-Methylnaphthalene
Concen: 48.956 ng
RT: 8.83 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.7	107.5
115	33.6	27.9	41.9

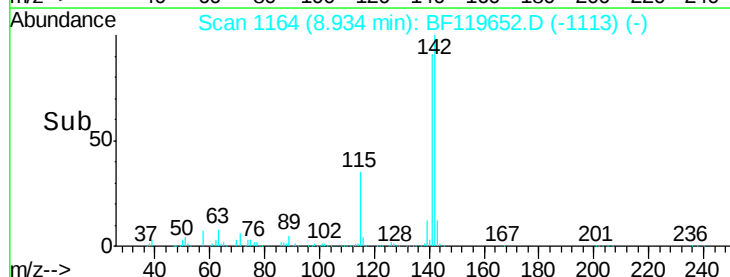
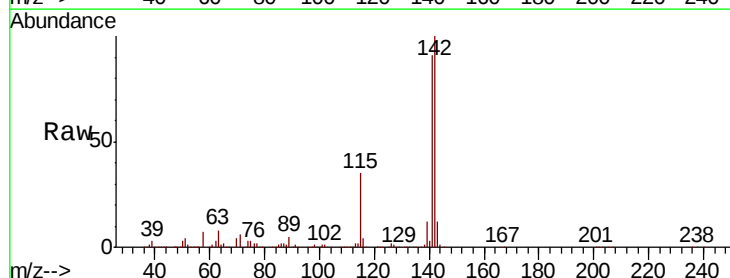
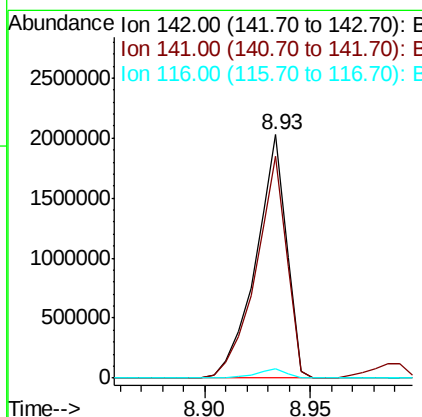
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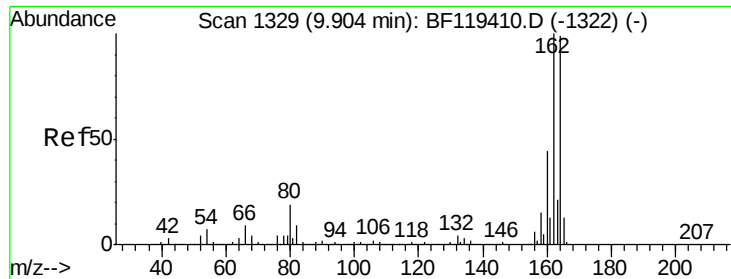
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#38
1-Methylnaphthalene
Concen: 48.784 ng
RT: 8.93 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.7	110.5
116	3.8	3.0	4.6





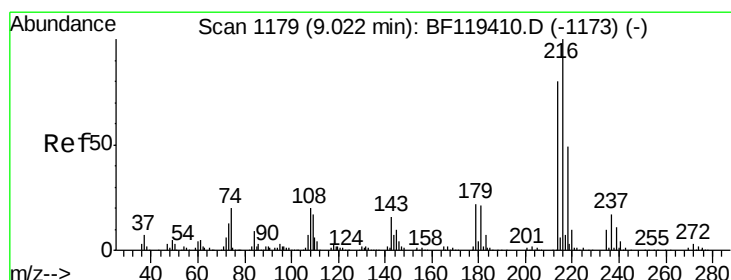
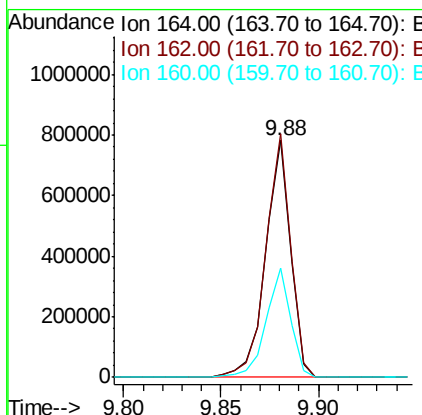
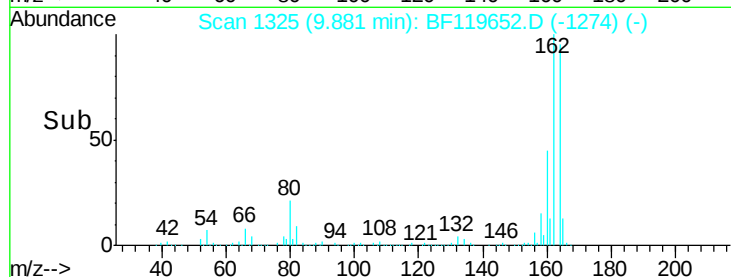
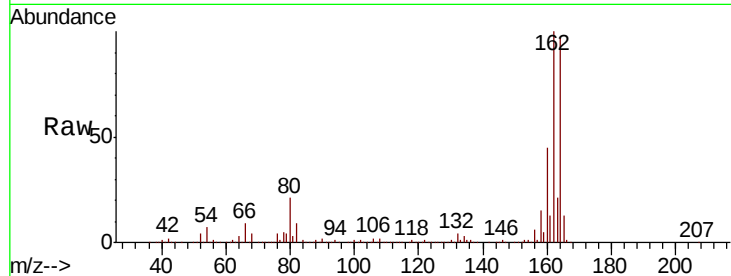
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	695445		
162	102.7	80.6	121.0	
160	45.9	35.7	53.5	

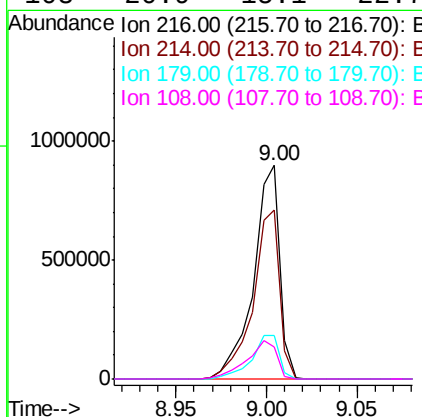
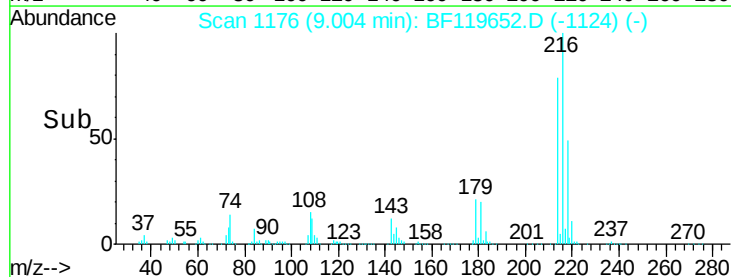
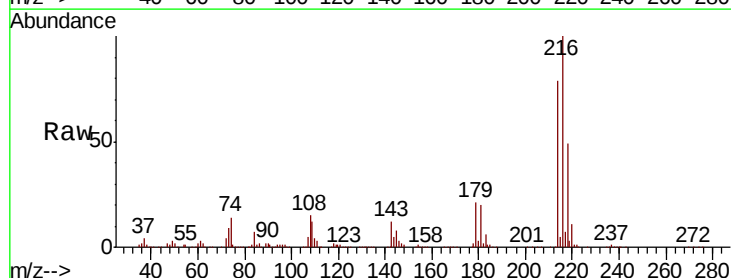
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.455 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.01 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	906166		
214	80.2	63.2	94.8	
179	21.3	17.1	25.7	
108	20.9	15.1	22.7	





#41

Hexachlorocyclopentadiene

Concen: 95.783 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.01 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

Instrument :

BNA_F

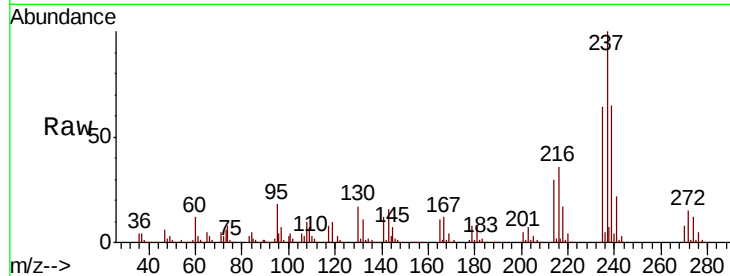
ClientSampleId :

SB-6-(10-12)MSD

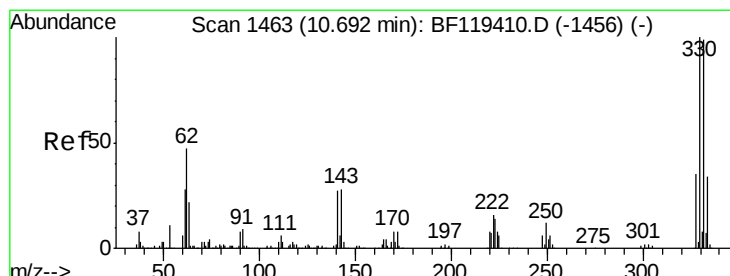
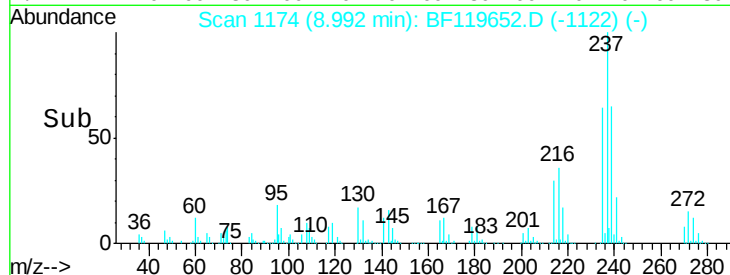
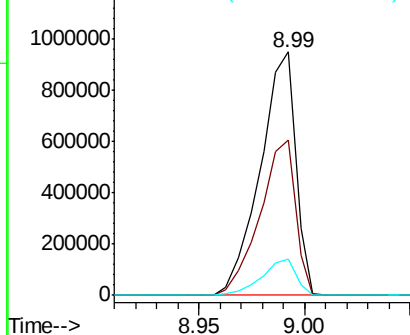
Tot Ion:	237	Resp:	1109991
Ion Ratio		Lower	Upper
237	100		
235	63.5	43.2	83.2
272	15.0	0.0	34.1

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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: 115.898 ng

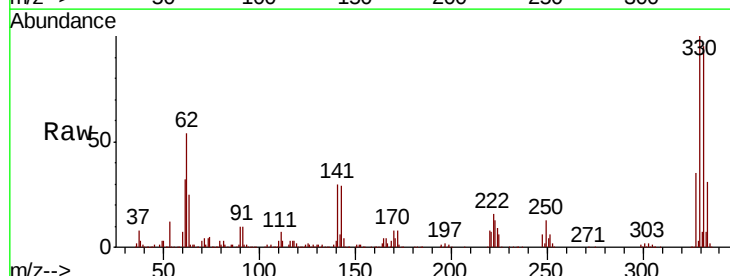
RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

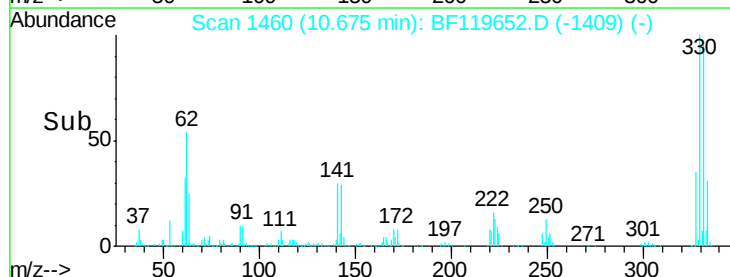
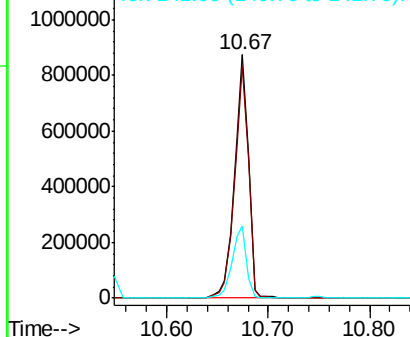
Lab File: BF119652.D

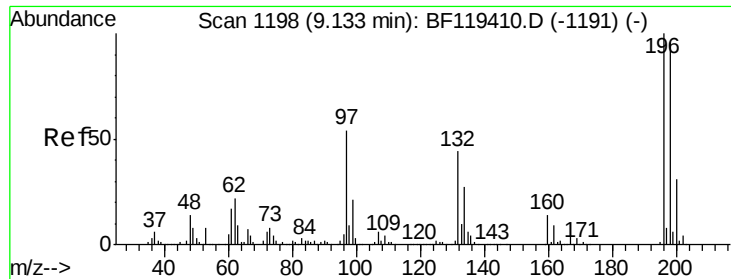
Acq: 31 Mar 2020 15:27

Tgt Ion:	330	Resp:	831529
Ion Ratio		Lower	Upper
330	100		
332	95.6	75.7	113.5
141	30.3	25.4	38.0



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





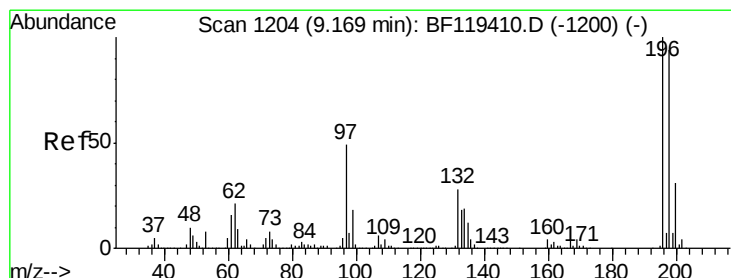
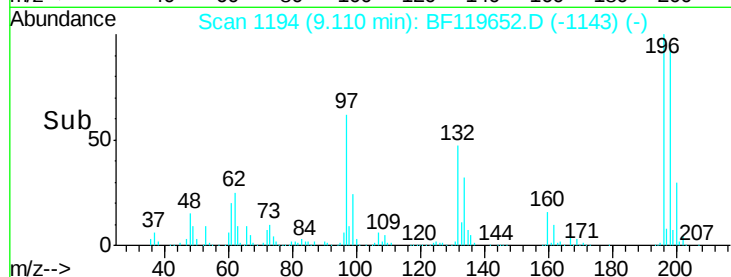
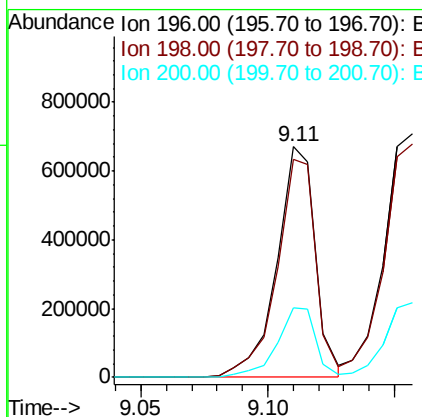
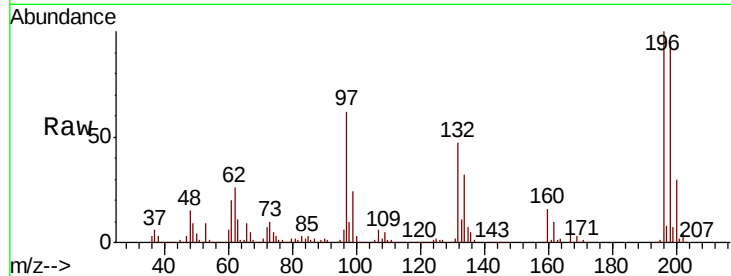
#43
 2,4,6-Trichlorophenol
 Concen: 48.851 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF119652.D
 Acq: 31 Mar 2020 15:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(10-12)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	712598		
198	94.9	76.6	115.0	
200	29.9	24.6	36.8	

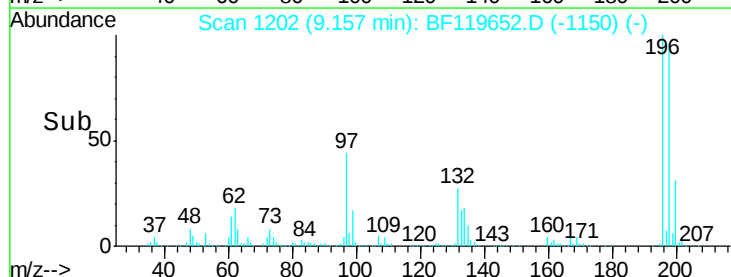
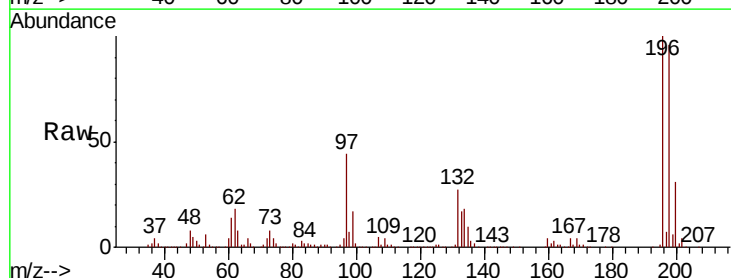
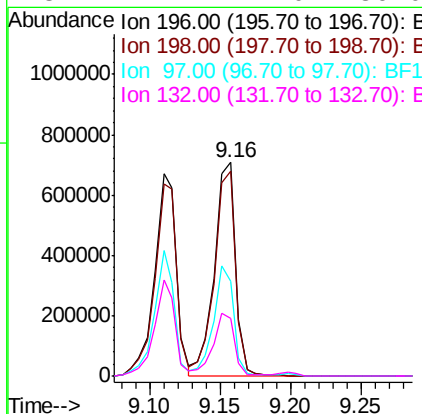
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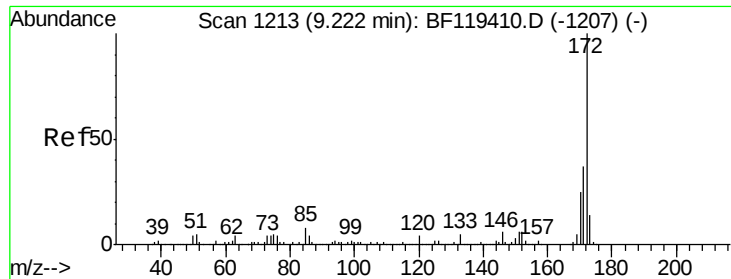
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#44
 2,4,5-Trichlorophenol
 Concen: 45.409 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF119652.D
 Acq: 31 Mar 2020 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	742028		
198	95.7	73.8	110.8	
97	44.3	42.6	63.8	
132	27.1	24.0	36.0	





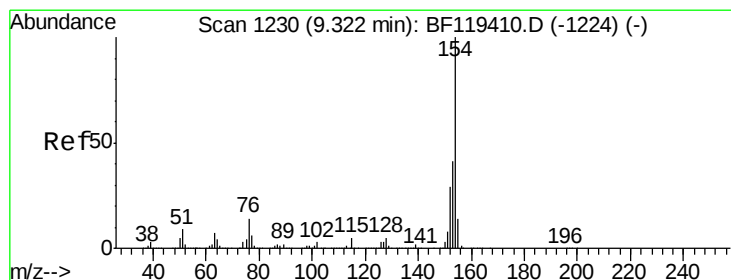
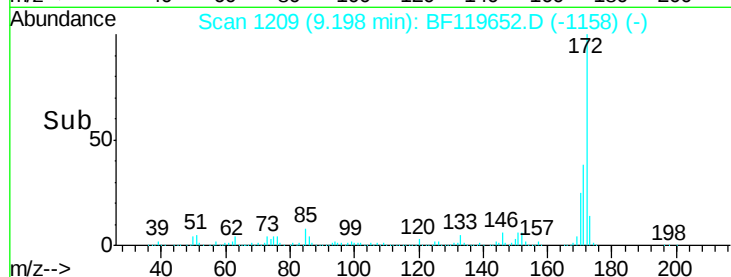
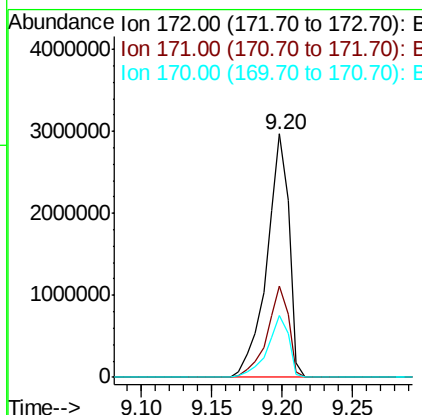
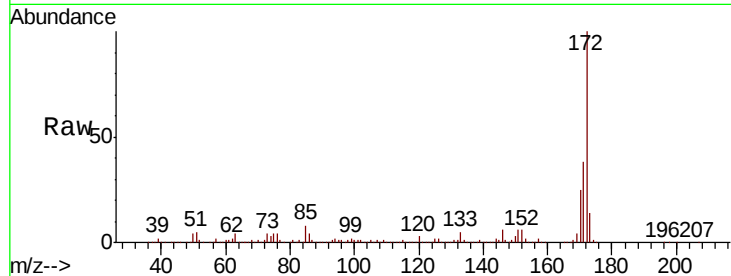
#45
2-Fluorobiphenyl
Concen: 69.886 ng
RT: 9.20 min Scan# 1209
Delta R.T. 0.00 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.6	44.4
170	25.4	20.2	30.2

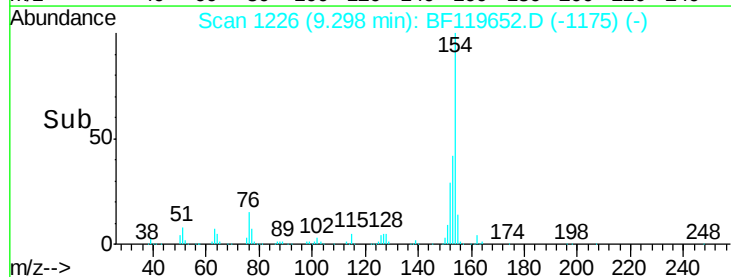
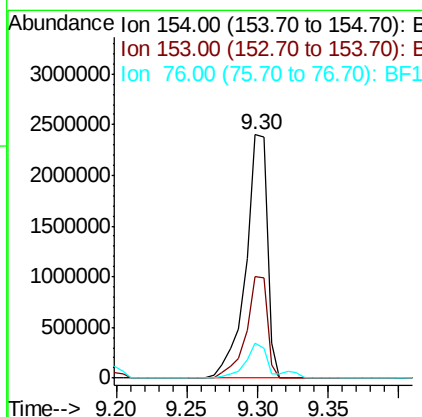
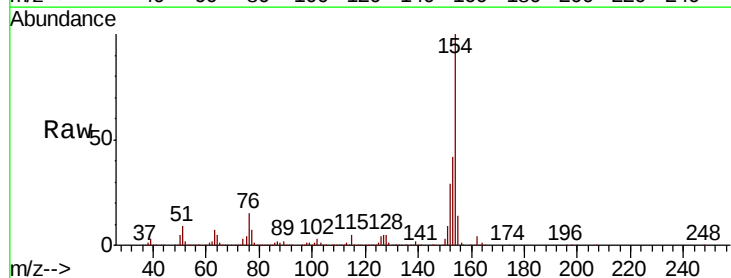
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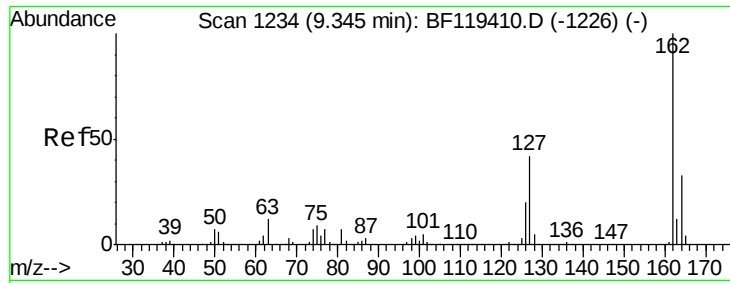
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#46
1,1'-Biphenyl
Concen: 45.166 ng
RT: 9.30 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.4	61.4
76	14.5	0.0	33.0





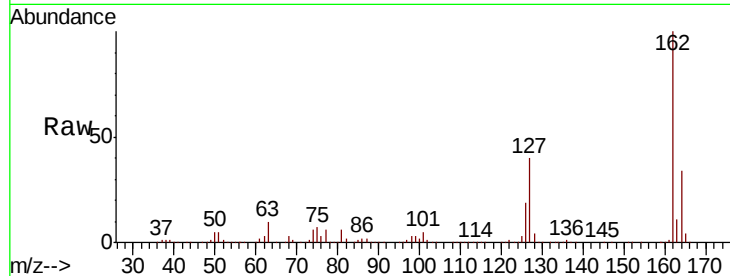
#47
 2-Chloronaphthalene
 Concen: 45.370 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF119652.D
 Acq: 31 Mar 2020 15:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(10-12)MSD

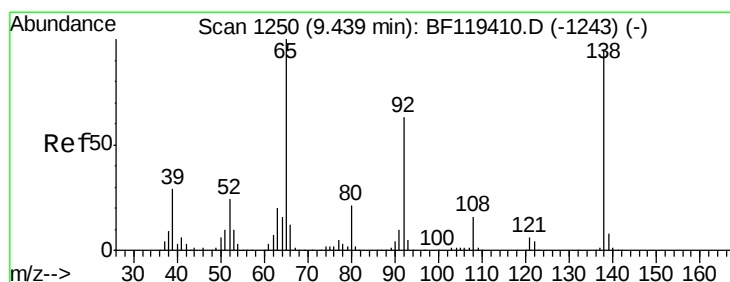
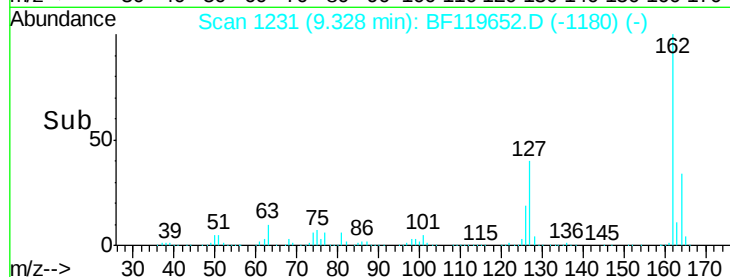
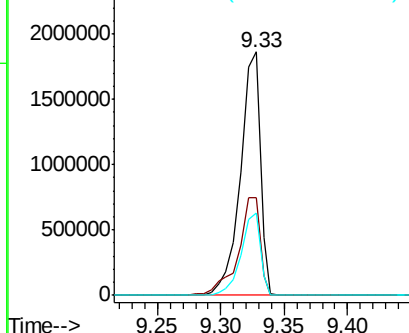
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.3	33.7	50.5
164	33.7	26.3	39.5

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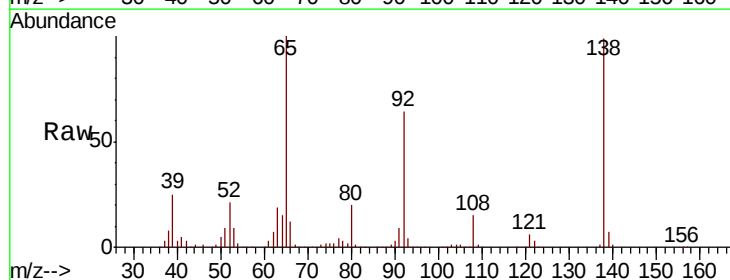


Abundance Ion 162.00 (161.70 to 162.70): E
 2500000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

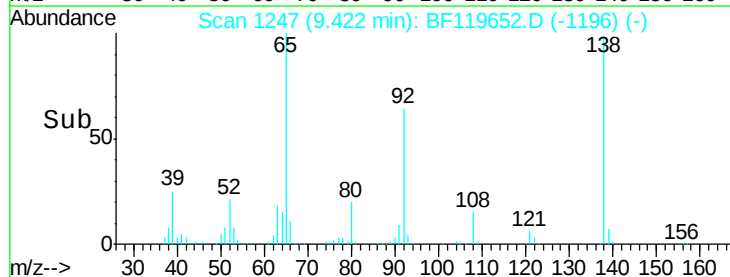
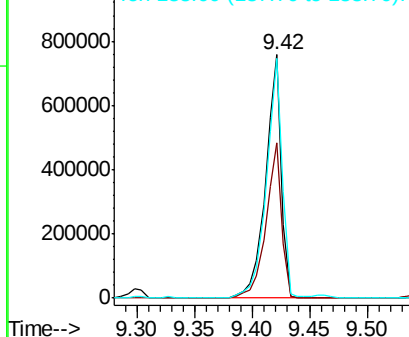


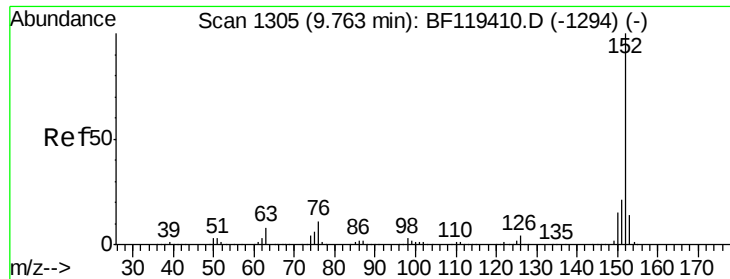
#48
 2-Nitroaniline
 Concen: 47.344 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BF119652.D
 Acq: 31 Mar 2020 15:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.0	50.0	75.0
138	98.7	75.0	112.4



Abundance Ion 65.00 (64.70 to 65.70): BF1
 1000000 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.569 ng

RT: 9.75 min Scan# 1302

Delta R.T. 0.01 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MSD

Tot Ion:152 Resp: 3105257

Ion Ratio Lower Upper

152 100

151 21.3 17.2 25.8

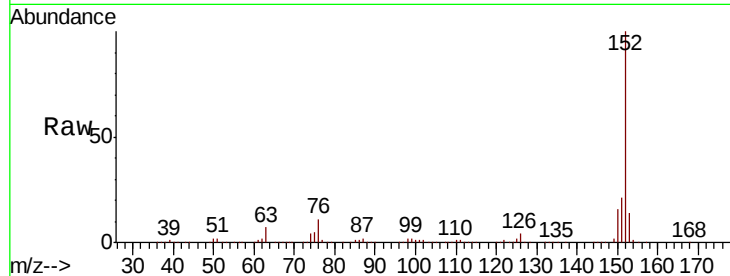
153 14.1 11.2 16.8

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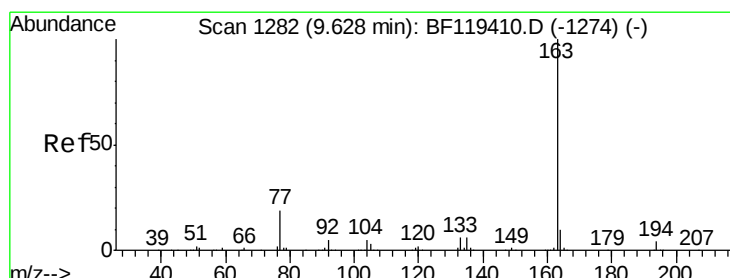
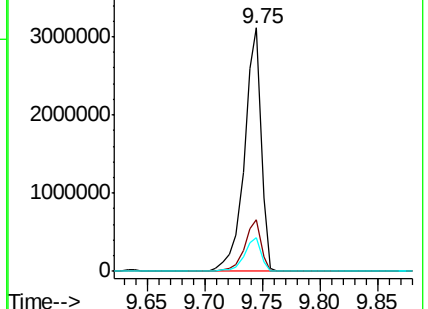
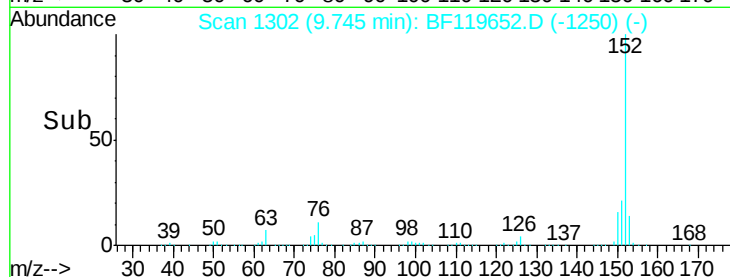
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 54.588 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.01 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

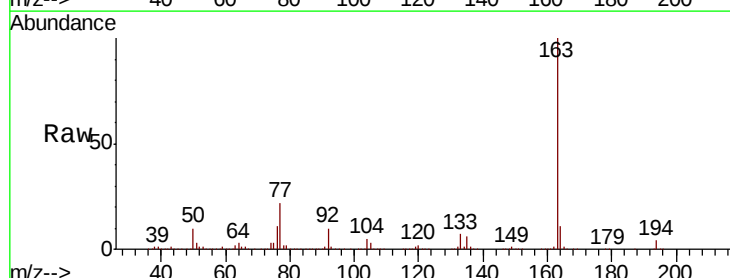
Tgt Ion:163 Resp: 2696521

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

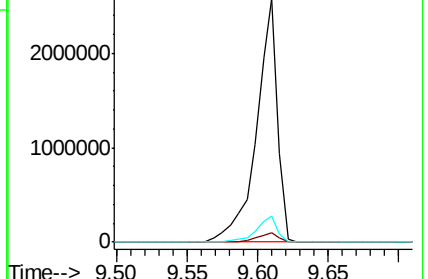
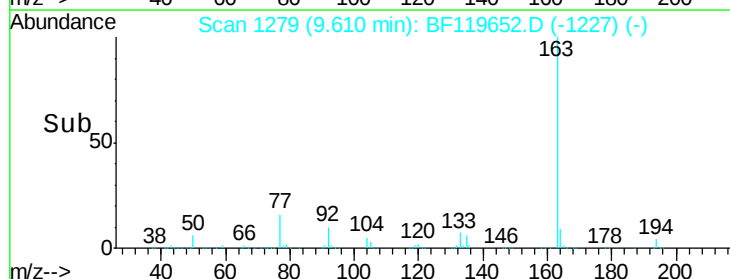
164 10.9 8.2 12.2

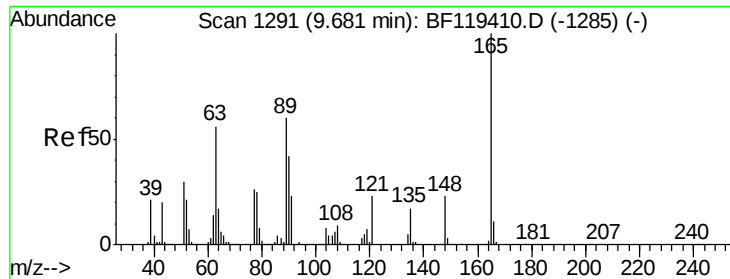


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





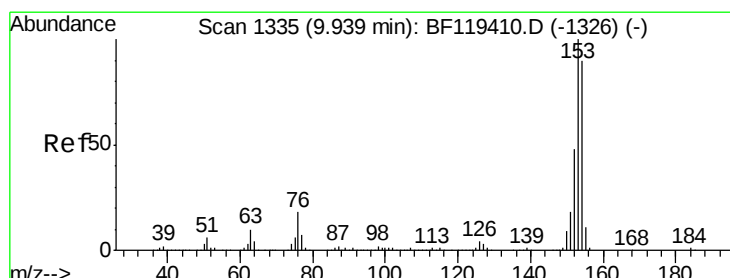
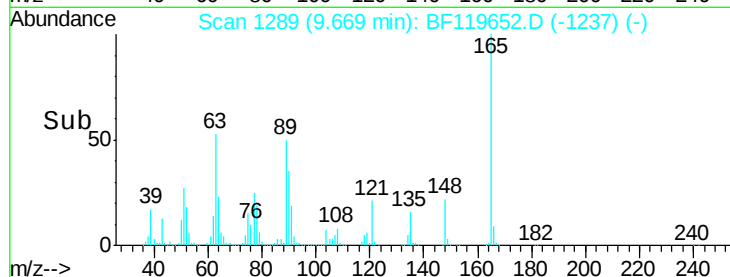
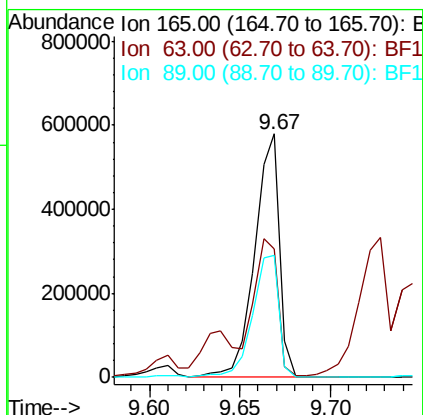
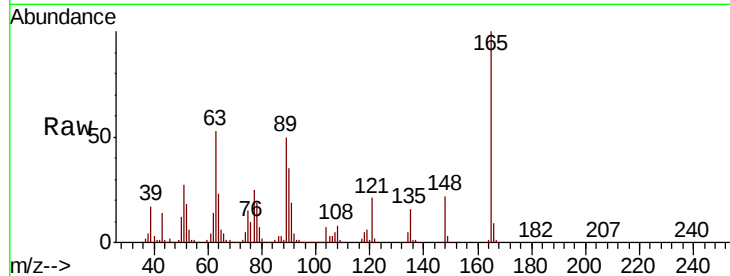
#51
2,6-Dinitrotoluene
Concen: 51.914 ng
RT: 9.67 min Scan# 1289
Delta R.T. 0.01 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	549669		
63	52.9	45.0	67.4	
89	50.3	41.5	62.3	

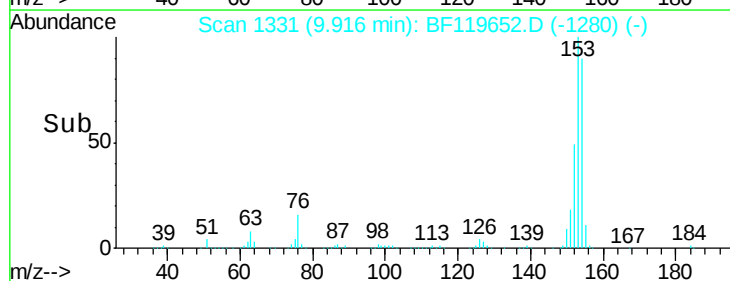
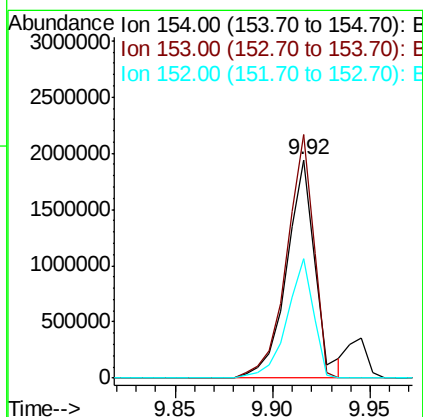
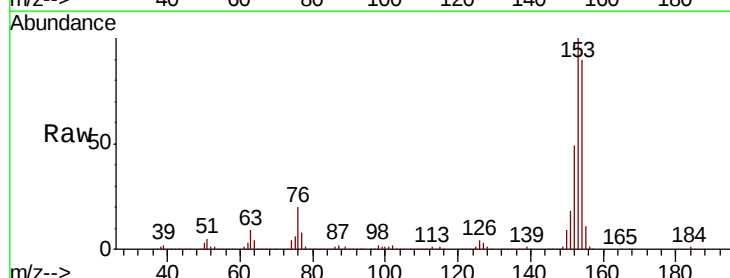
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#52
Acenaphthene
Concen: 45.135 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1960446		
153	111.5	88.1	132.1	
152	54.4	43.0	64.4	





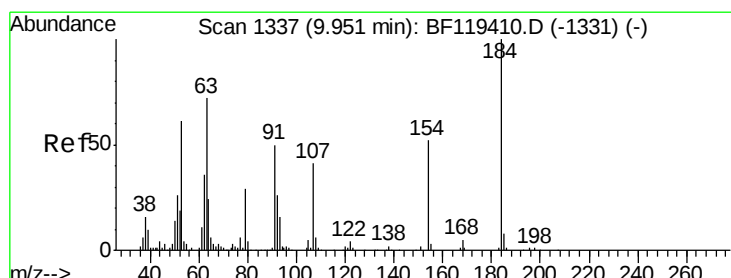
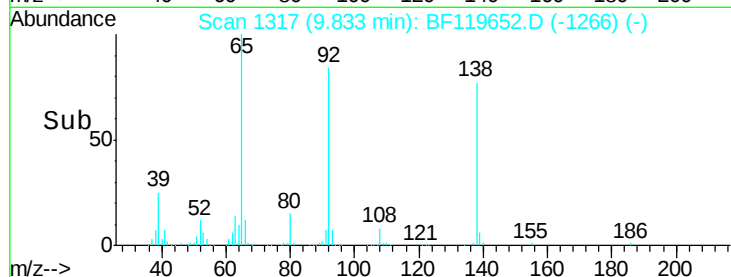
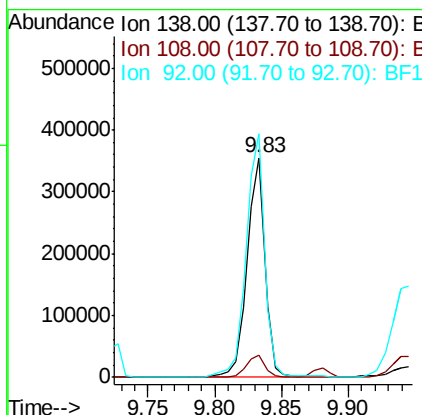
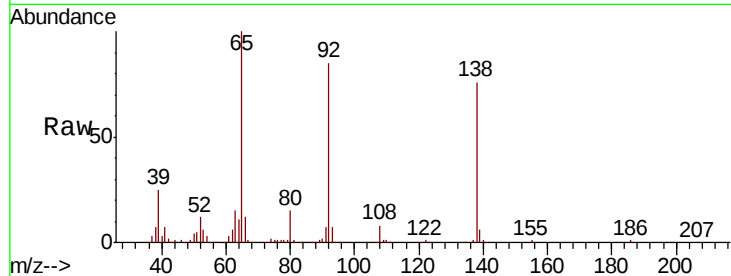
#53
3-Nitroaniline
Concen: 24.566 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	10.0	8.6	13.0	
92	110.7	95.4	143.0	

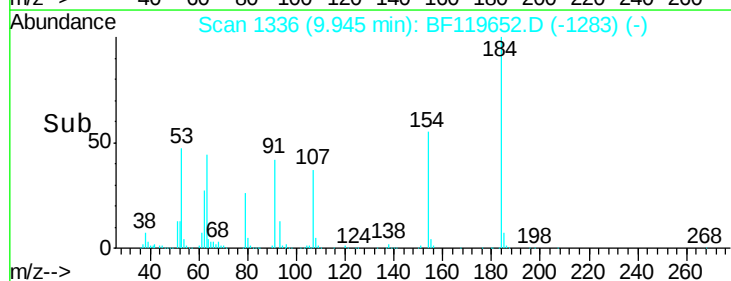
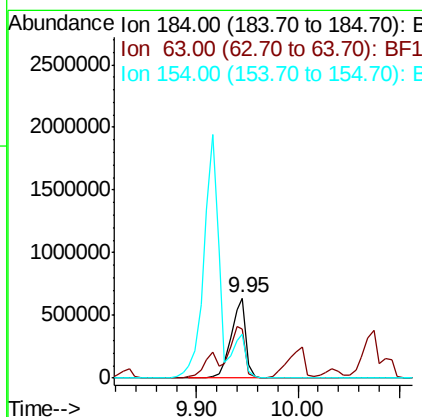
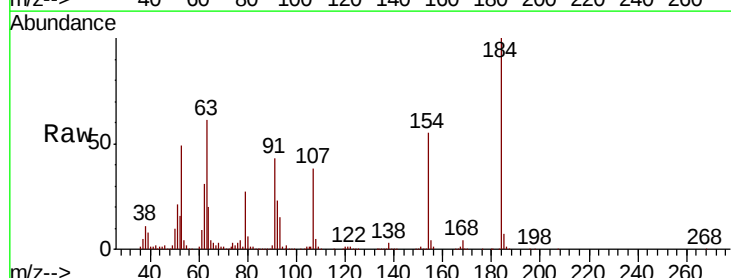
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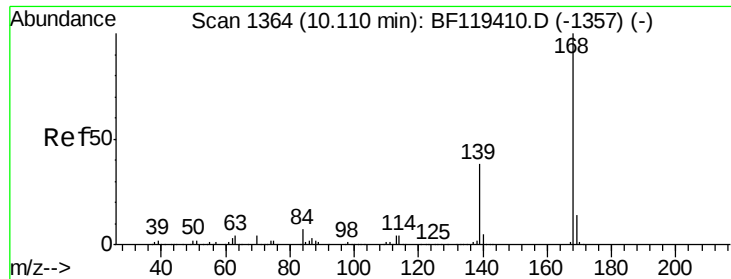
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#54
2,4-Dinitrophenol
Concen: 135.780 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	60.7	50.2	75.4	
154	55.1	44.5	66.7	





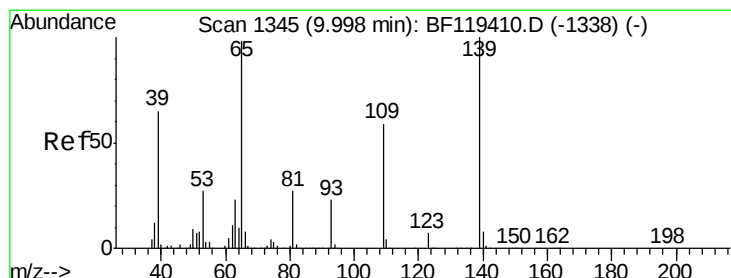
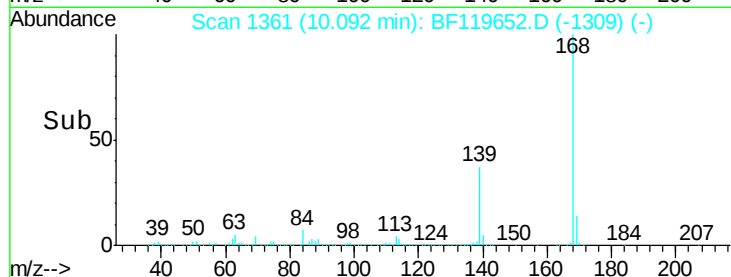
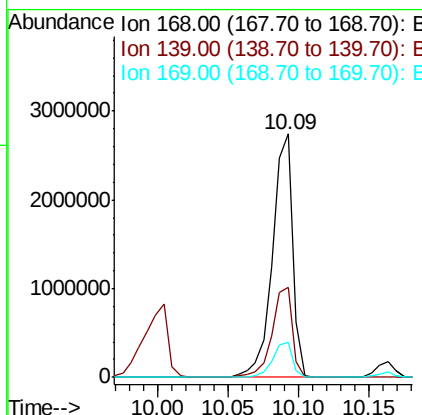
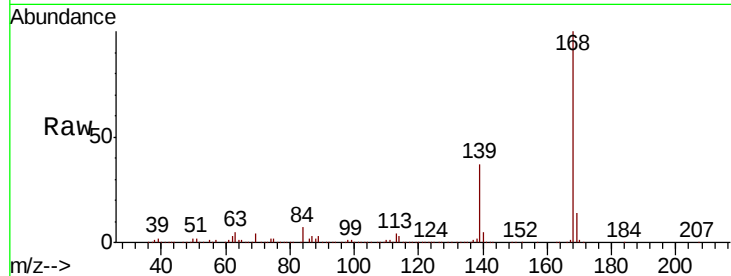
#55
Dibenzofuran
Concen: 44.334 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.1	30.1	45.1
169	14.1	11.0	16.6

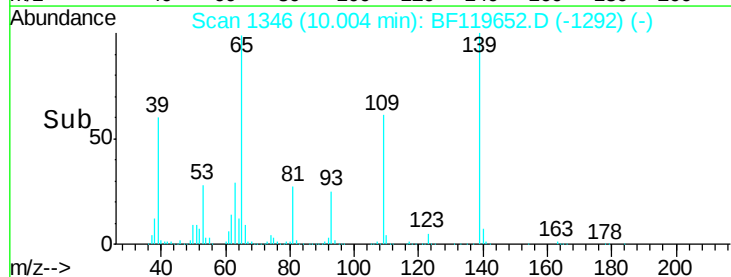
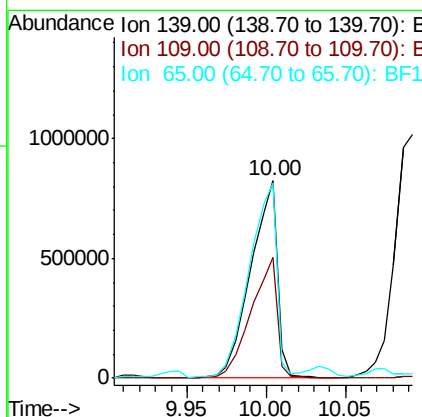
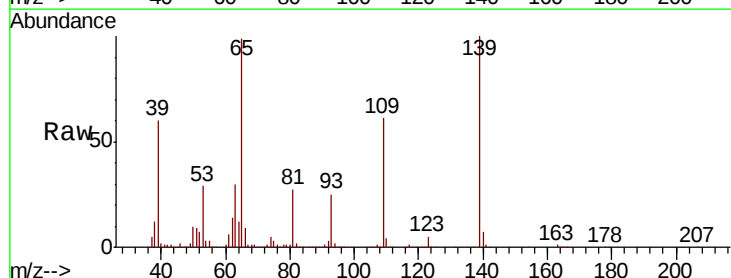
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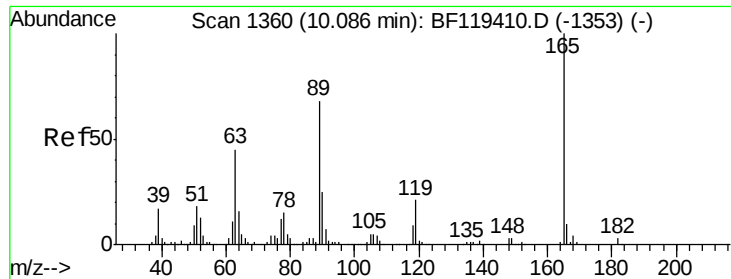
mohammad
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#56
4-Nitrophenol
Concen: 91.881 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.02 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	61.1	43.3	83.3
65	98.9	91.0	131.0





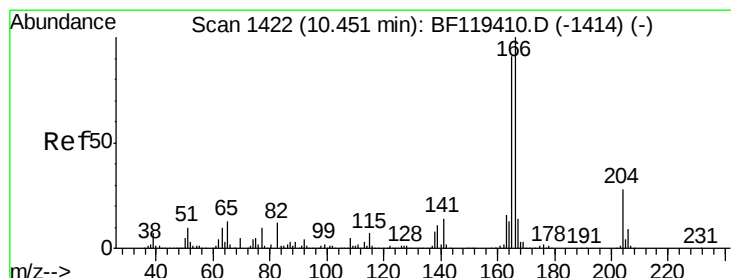
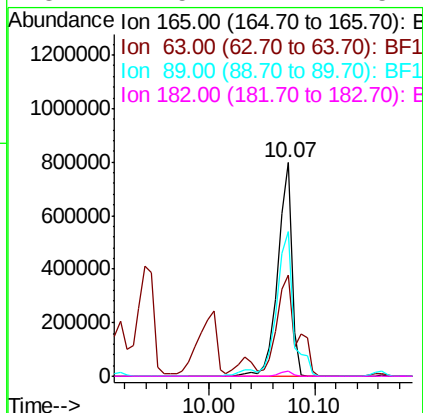
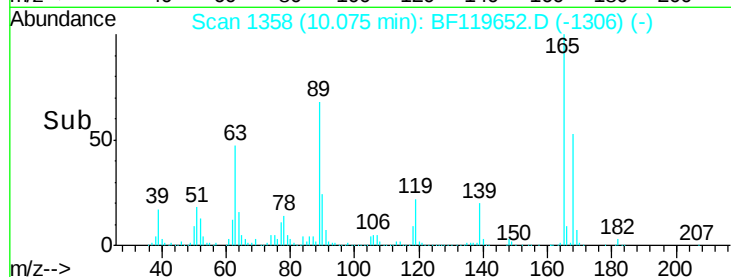
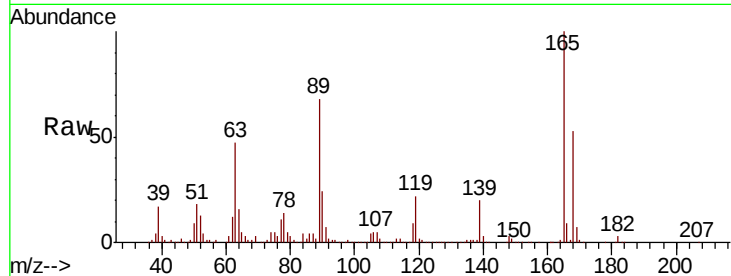
#57
2,4-Dinitrotoluene
Concen: 54.223 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.4	42.6	64.0
89	67.8	61.0	91.4
182	2.5	2.2	3.2

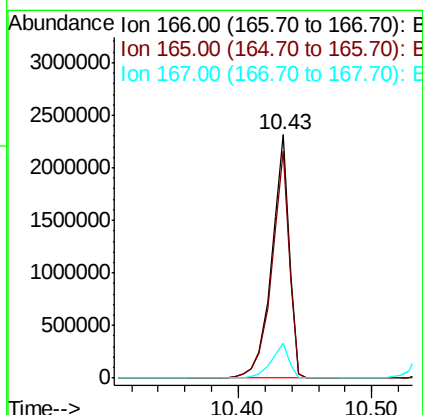
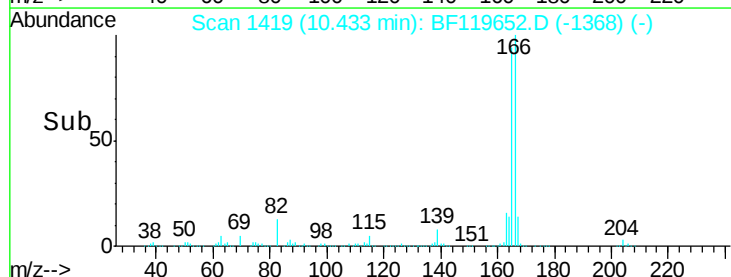
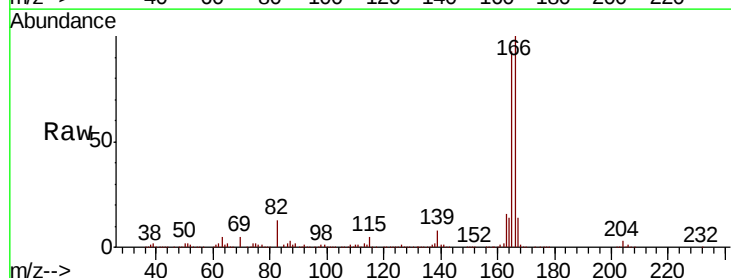
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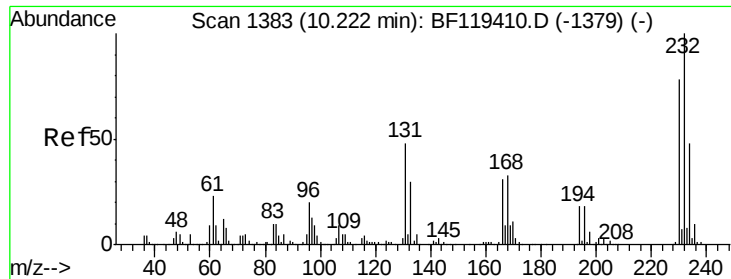
mohammad
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#58
Fluorene
Concen: 46.051 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.5	75.4	113.2
167	14.4	11.2	16.8





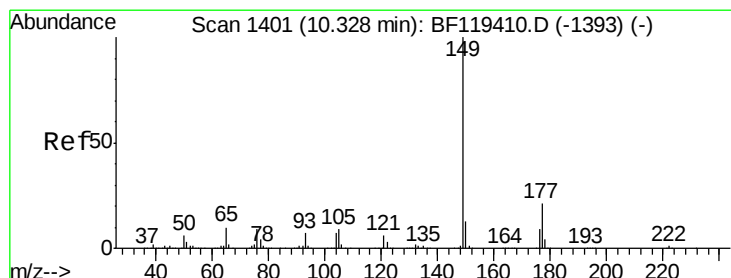
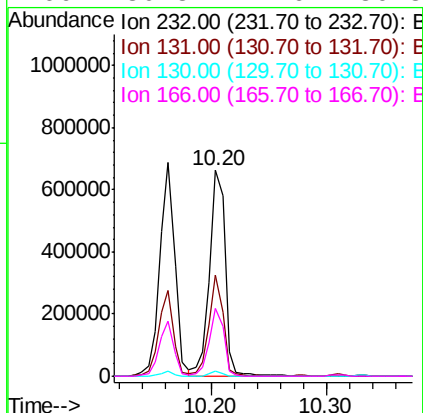
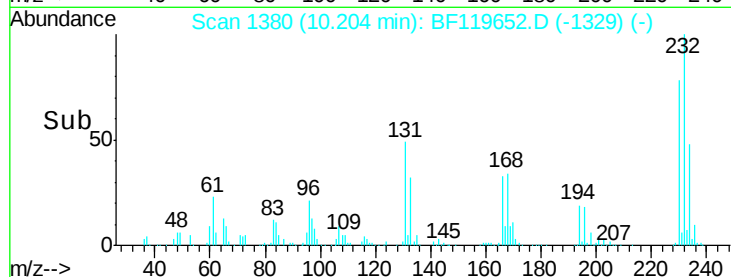
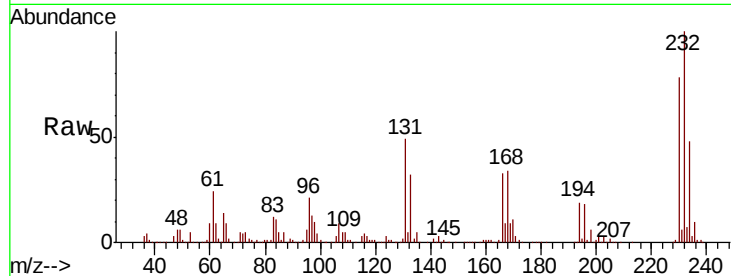
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.146 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. 0.00 min
 Lab File: BF119652.D
 Acq: 31 Mar 2020 15:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(10-12)MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.3	37.5	56.3
130	2.1	1.8	2.6
166	30.8	24.6	36.8

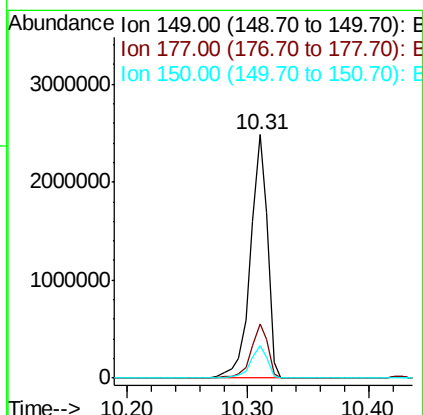
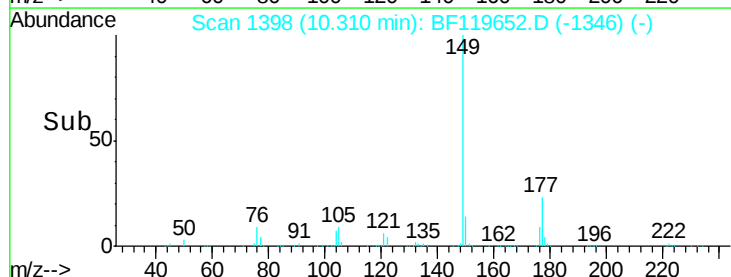
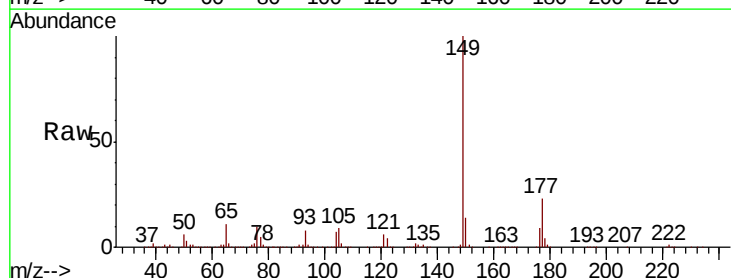
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#60
 Diethylphthalate
 Concen: 48.772 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: BF119652.D
 Acq: 31 Mar 2020 15:27

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.0	25.6
150	13.5	10.1	15.1





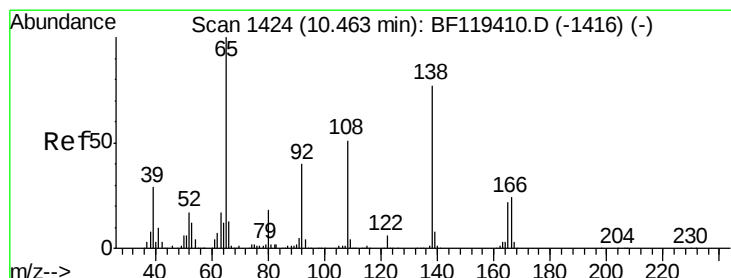
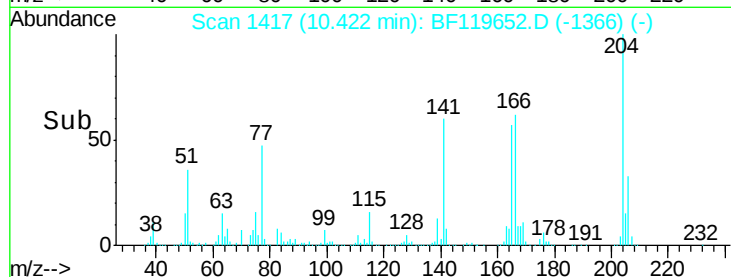
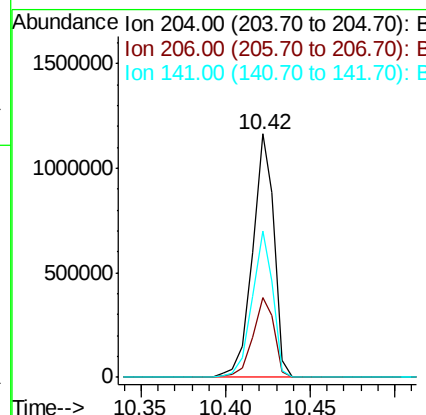
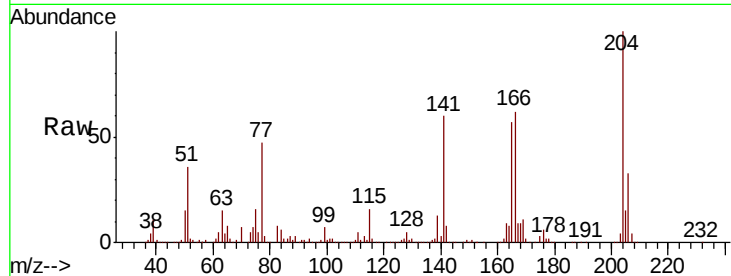
#61
4-Chlorophenyl-phenylether
Concen: 46.019 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MSD

Tot Ion:204 Resp: 1036330
Ion Ratio Lower Upper
204 100
206 32.7 26.7 40.1
141 60.3 47.3 70.9

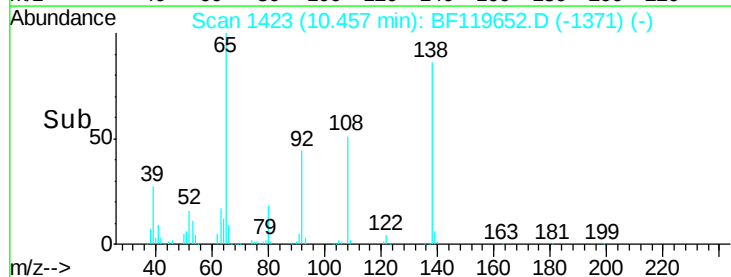
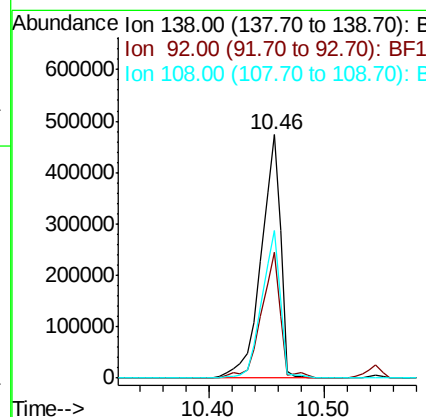
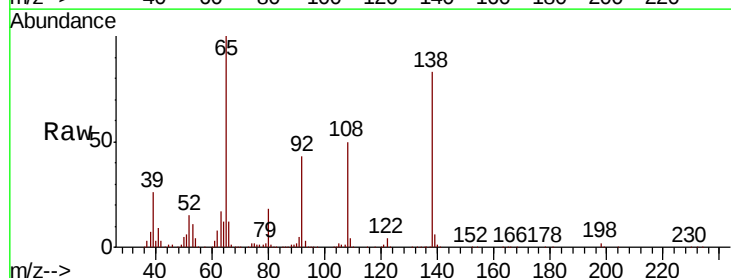
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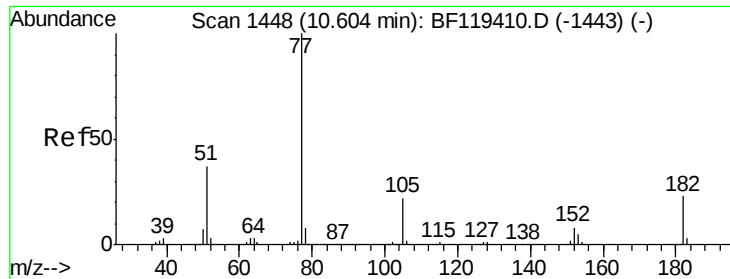
mohammad
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#62
4-Nitroaniline
Concen: 43.969 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Tgt Ion:138 Resp: 563615
Ion Ratio Lower Upper
138 100
92 51.5 31.5 71.5
108 60.4 45.8 85.8





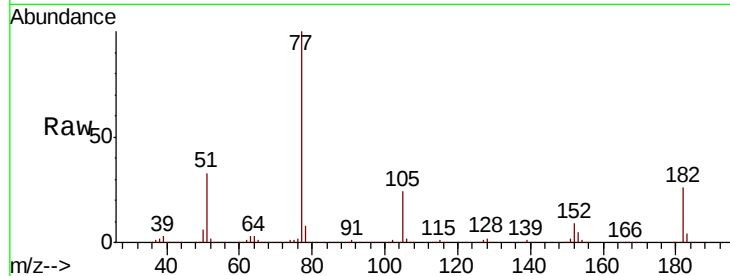
#63
Azobenzene
Concen: 46.235 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.0	4.4	44.4	
105	24.1	2.6	42.6	
51	32.7	15.1	55.1	

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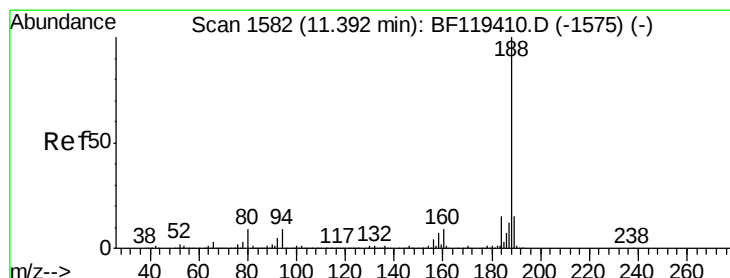
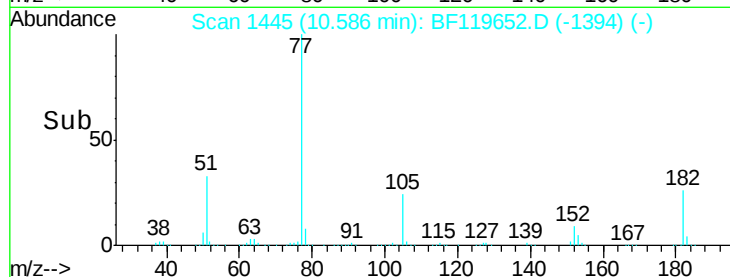
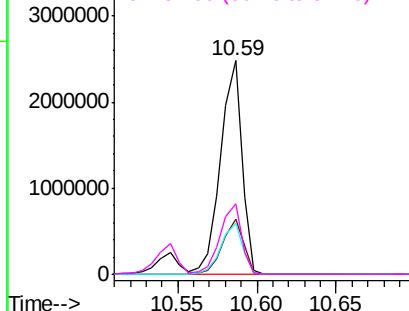


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



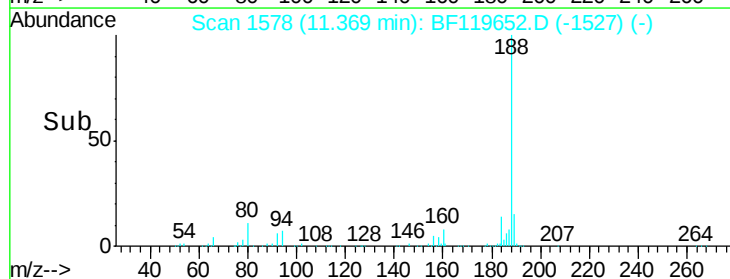
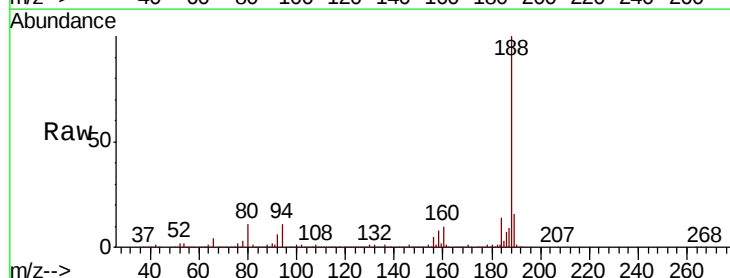
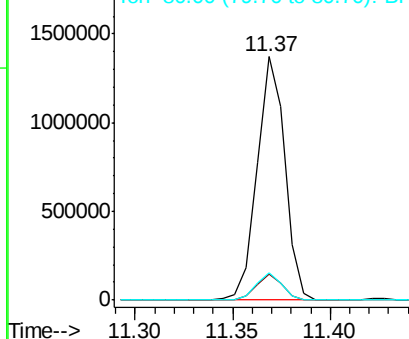
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.6	7.5	11.3	
80	11.1	9.0	13.4	

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 74.469 ng

RT: 10.48 min Scan# 1427

Delta R.T. 0.00 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

Instrument :

BNA_F

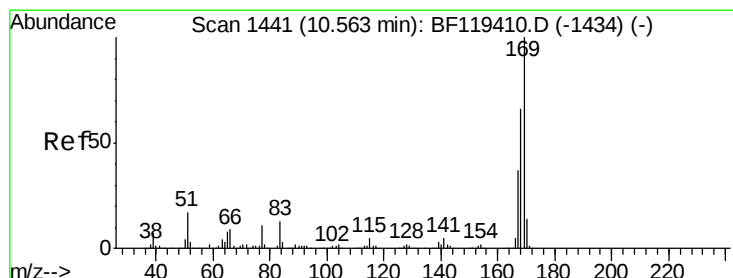
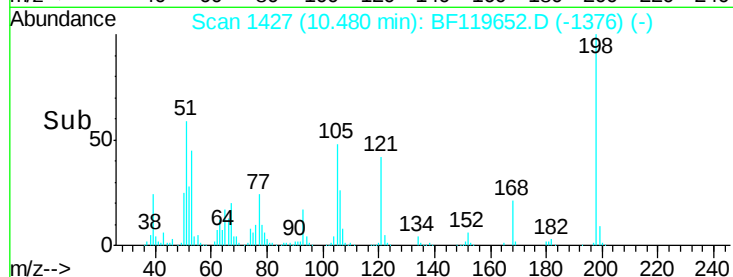
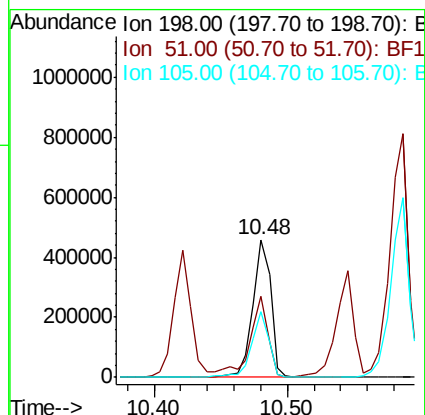
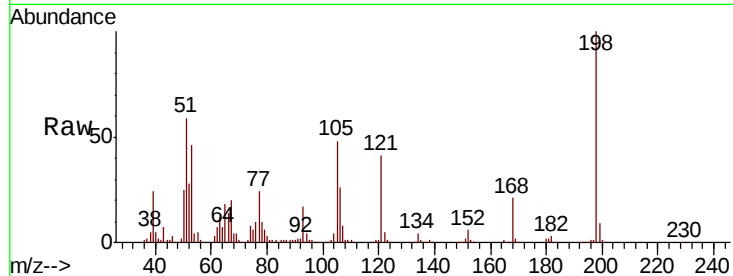
ClientSampleId :

SB-6-(10-12)MSD

Tot Ion:	198	Resp:	421144
Ion Ratio	Lower	Upper	
198	100		
51	59.2	29.0	69.0
105	48.0	22.2	62.2

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#66

n-Nitrosodiphenylamine

Concen: 45.167 ng

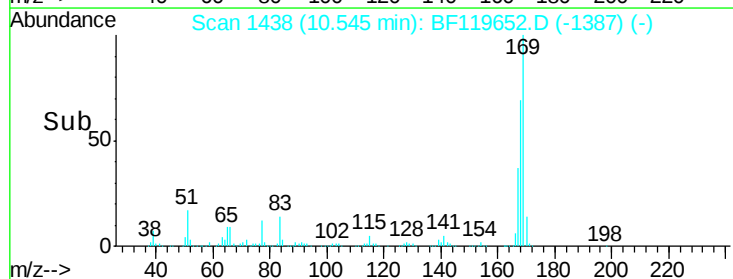
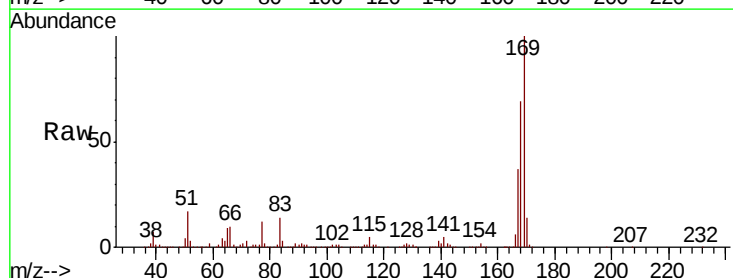
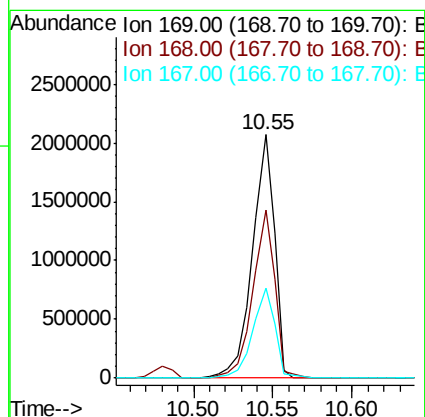
RT: 10.55 min Scan# 1438

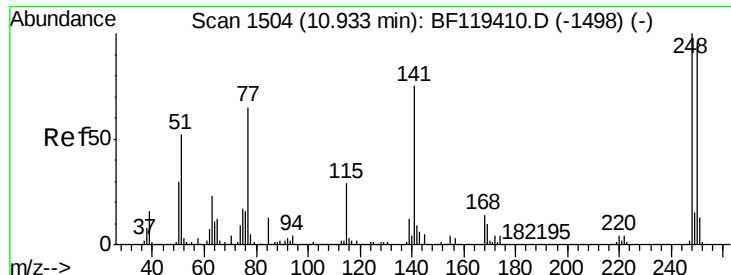
Delta R.T. 0.00 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

Tgt Ion:	169	Resp:	1999749
Ion Ratio	Lower	Upper	
169	100		
168	68.8	53.2	79.8
167	37.1	29.1	43.7





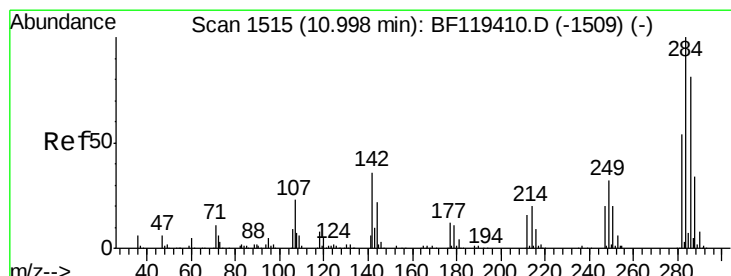
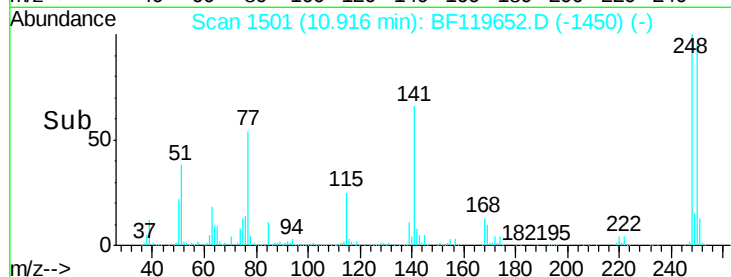
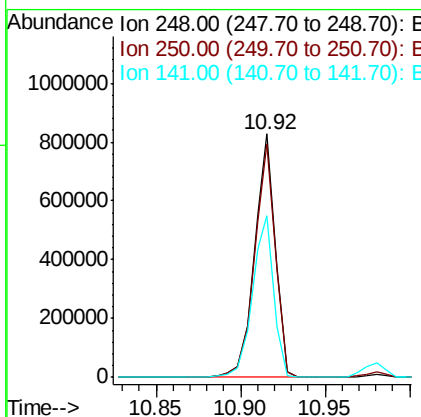
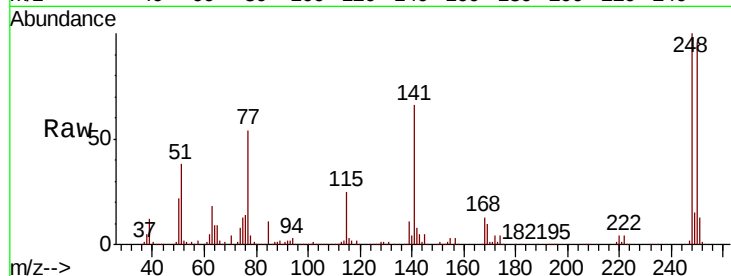
#67
 4-Bromophenyl-phenylether
 Concen: 46.179 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. 0.00 min
 Lab File: BF119652.D
 Acq: 31 Mar 2020 15:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(10-12)MSD

Tot Ion:	248	Resp:	709289
Ion Ratio	Lower	Upper	
248	100		
250	95.9	77.3	115.9
141	66.2	58.6	87.8

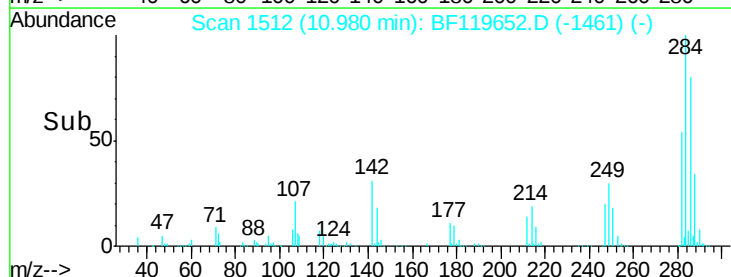
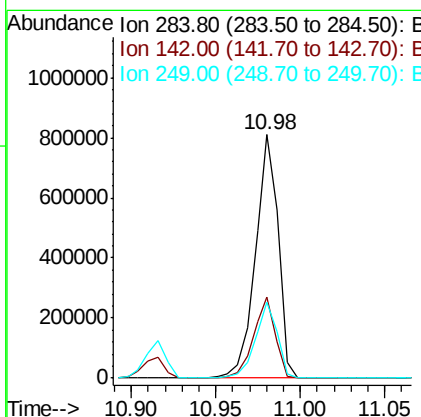
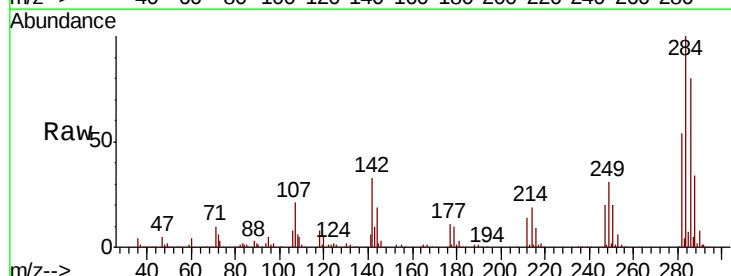
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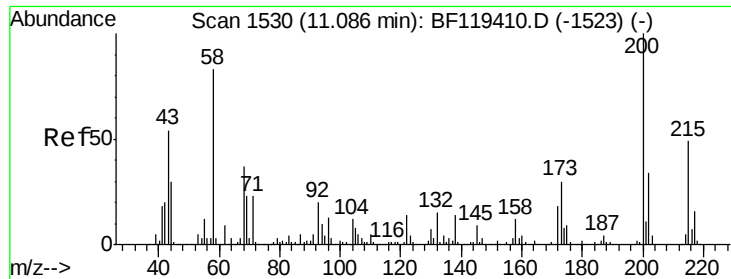
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#68
 Hexachlorobenzene
 Concen: 48.095 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. 0.00 min
 Lab File: BF119652.D
 Acq: 31 Mar 2020 15:27

Tgt Ion:	284	Resp:	756064
Ion Ratio	Lower	Upper	
284	100		
142	33.1	29.2	43.8
249	31.2	25.1	37.7





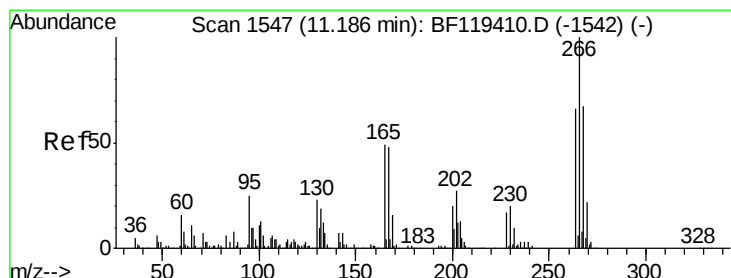
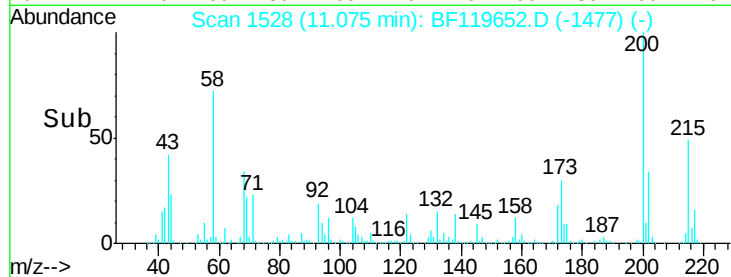
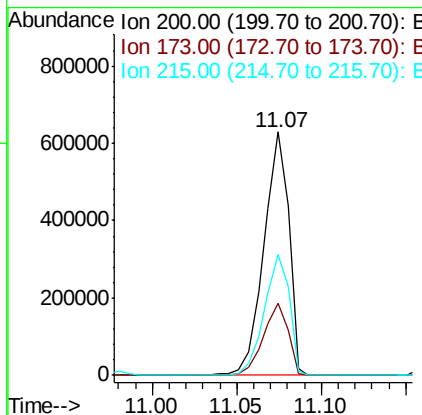
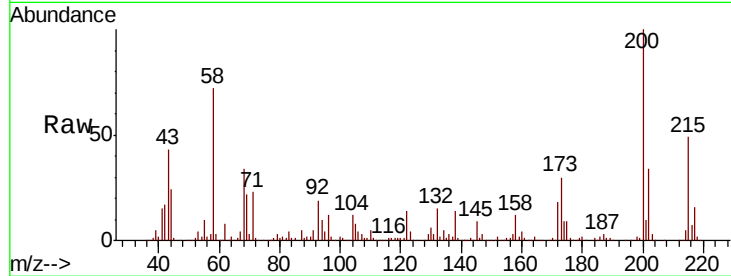
#69
Atrazine
Concen: 52.923 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.00 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.5	9.3	49.3
215	49.5	29.5	69.5

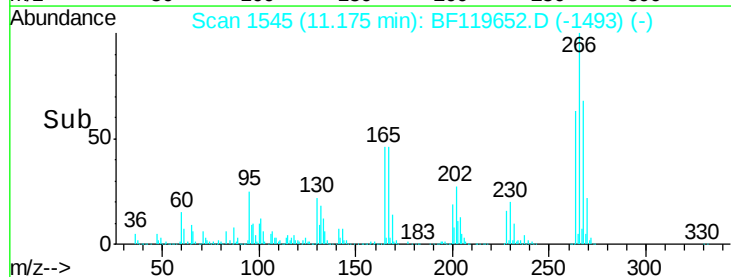
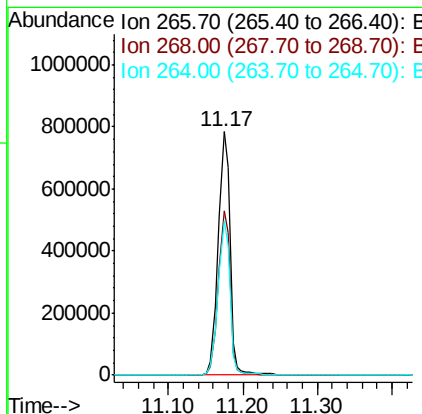
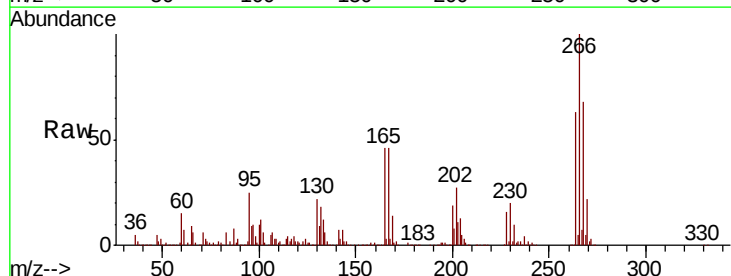
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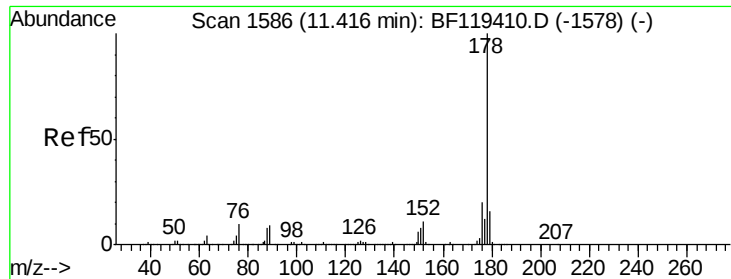
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#70
Pentachlorophenol
Concen: 93.979 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.6	53.3	79.9
264	63.4	49.0	73.4





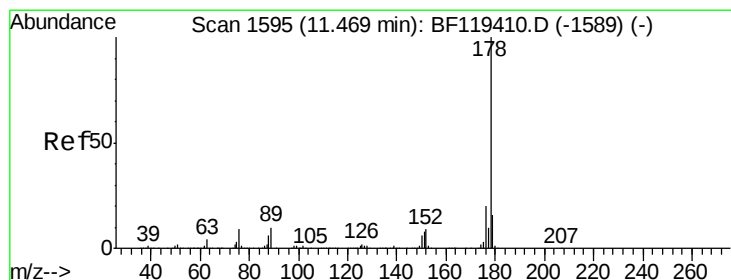
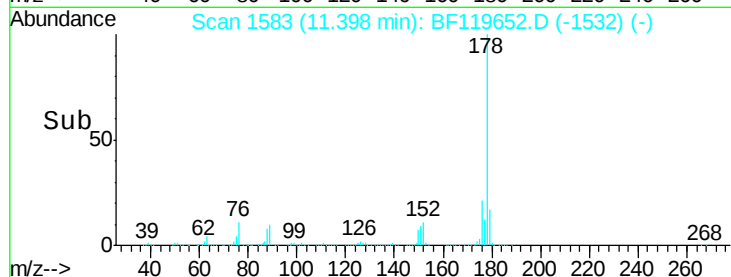
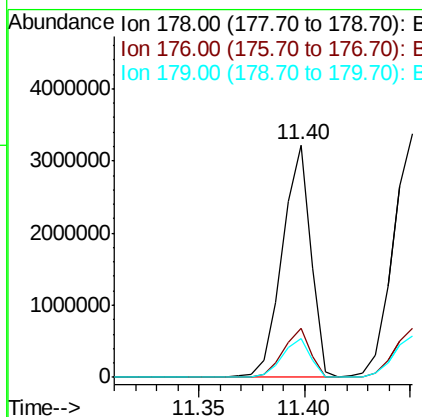
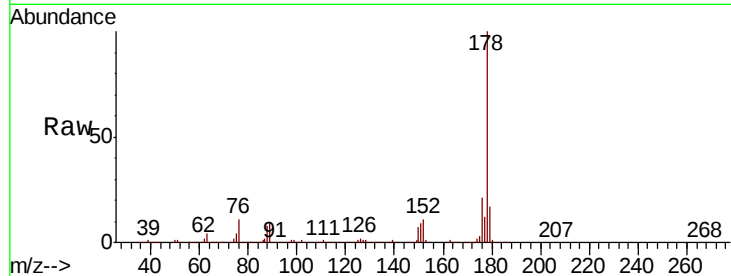
#71
Phenanthrene
Concen: 43.376 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MSD

Tot Ion:178 Resp: 3033334
Ion Ratio Lower Upper
178 100
176 20.9 16.2 24.4
179 16.6 13.2 19.8

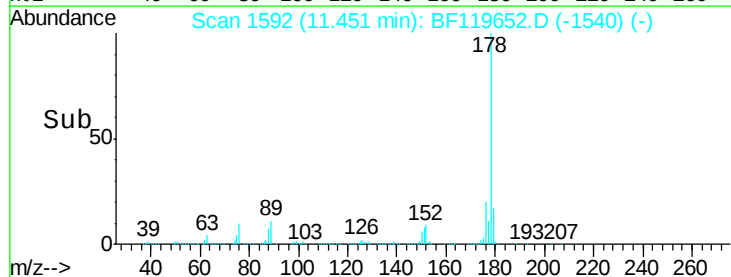
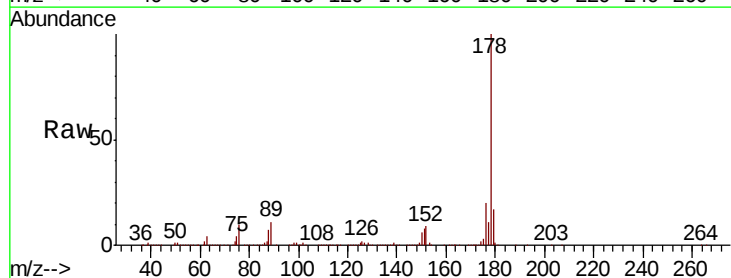
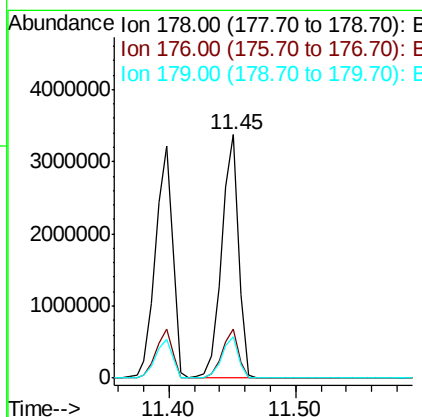
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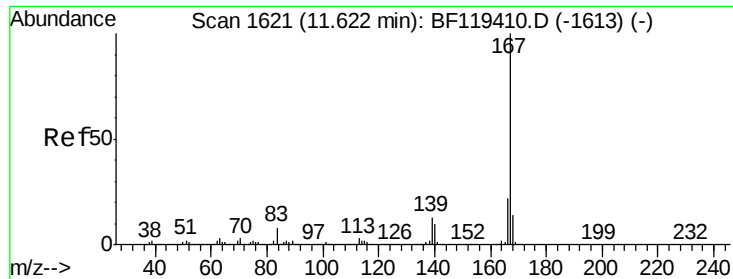
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#72
Anthracene
Concen: 44.273 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.01 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Tgt Ion:178 Resp: 3146704
Ion Ratio Lower Upper
178 100
176 20.4 16.1 24.1
179 16.8 13.0 19.4





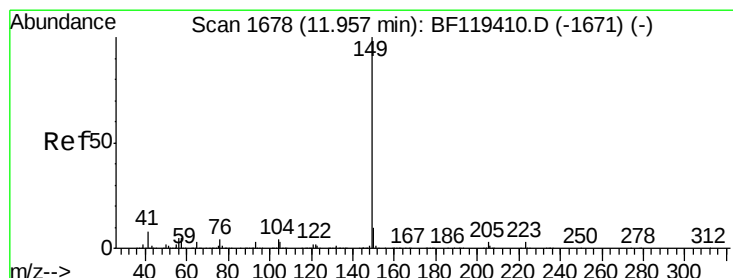
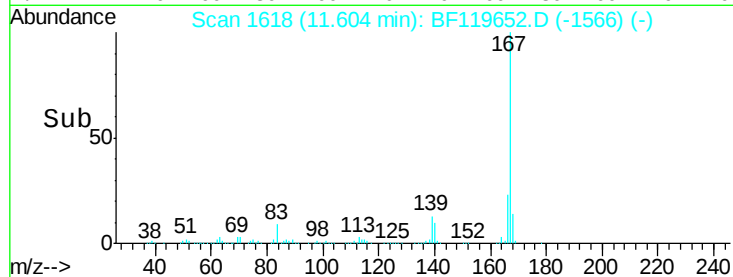
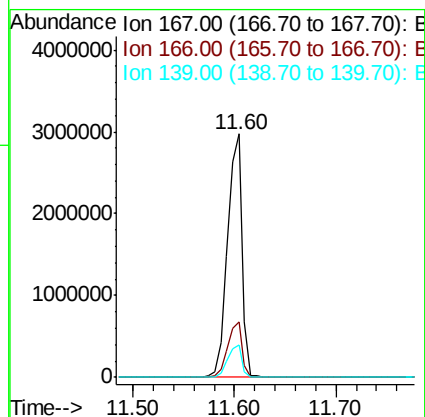
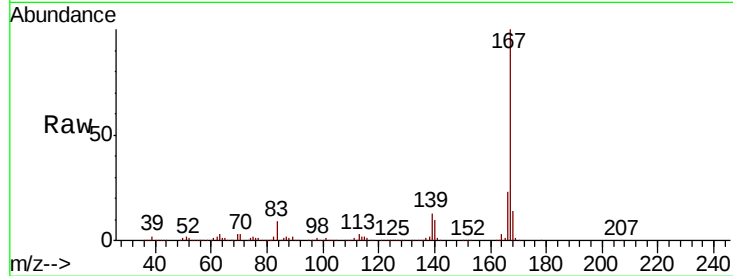
#73
 Carbazole
 Concen: 41.899 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.01 min
 Lab File: BF119652.D
 Acq: 31 Mar 2020 15:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(10-12)MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.2	27.4
139	13.3	10.7	16.1

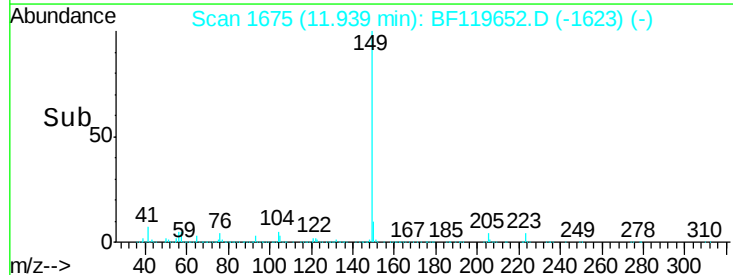
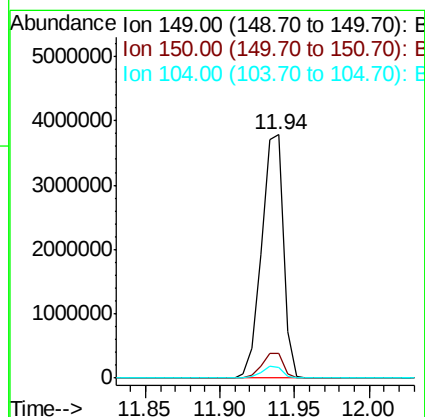
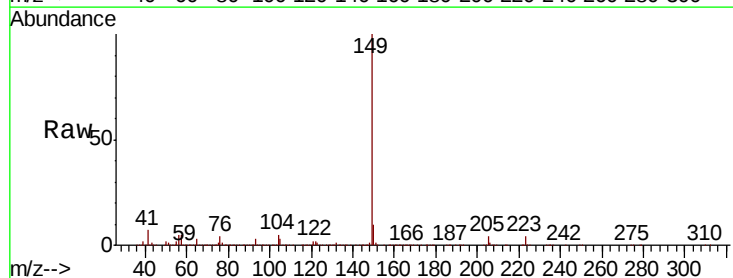
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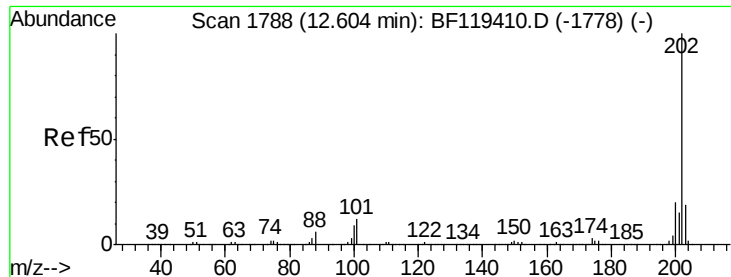
mohammad
 4/1/2020 11:55:24 AM



#74
 Di-n-butylphthalate
 Concen: 50.114 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.01 min
 Lab File: BF119652.D
 Acq: 31 Mar 2020 15:27

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.8	11.8
104	4.6	3.6	5.4





#75

Fluoranthene

Concen: 44.481 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MSD

Tot Ion:202 Resp: 3366452

Ion Ratio Lower Upper

202 100

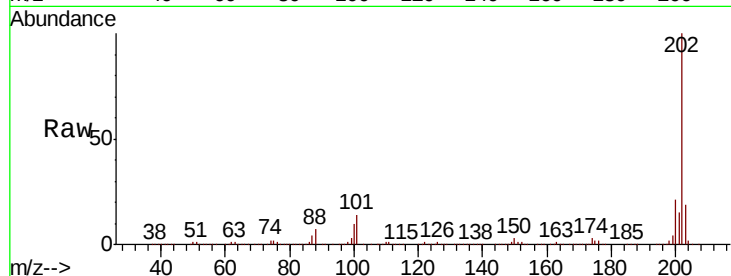
101 13.9 0.0 32.2

203 19.0 0.0 38.8

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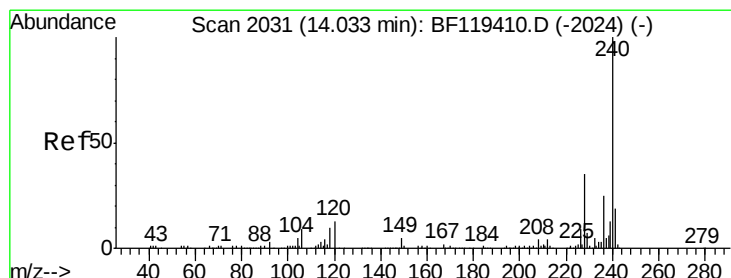
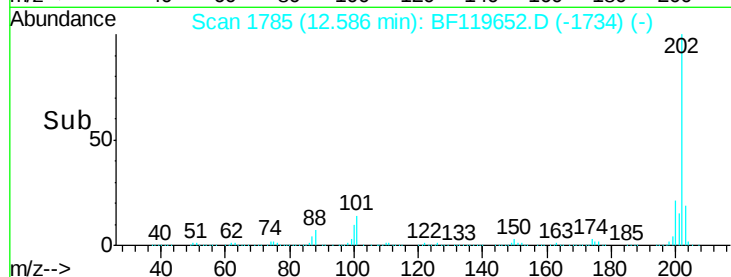
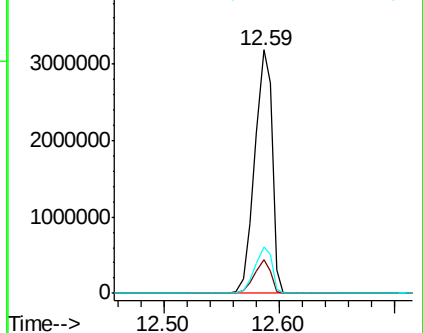
4/1/2020 11:55:24 AM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

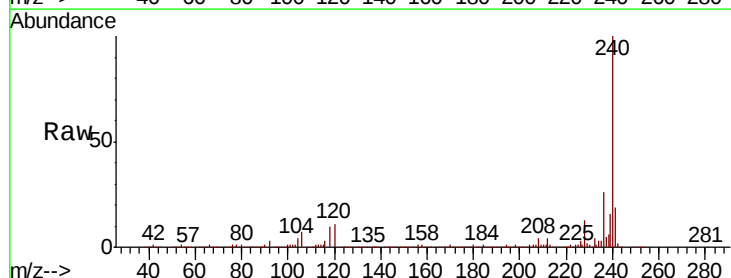
Tgt Ion:240 Resp: 943599

Ion Ratio Lower Upper

240 100

120 10.9 10.6 15.8

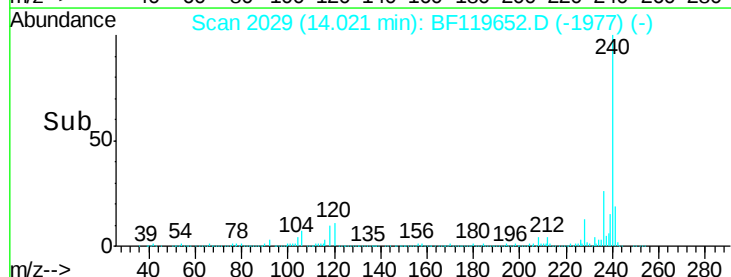
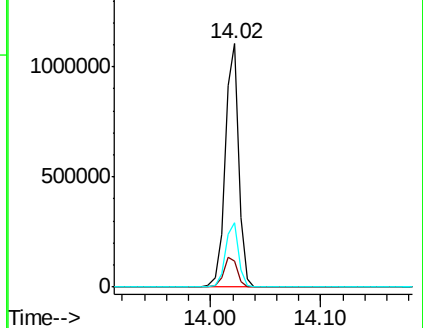
236 26.4 20.2 30.2

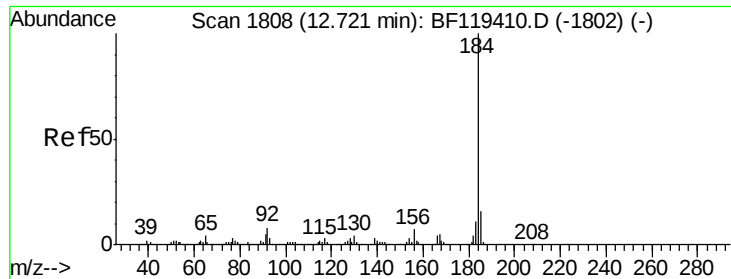


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.048 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MSD

Tot Ion:184 Resp: 1599246

Ion Ratio Lower Upper

184 100

185 15.1 12.3 18.5

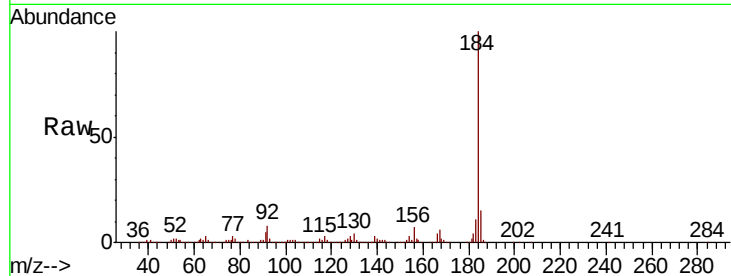
183 11.2 9.0 13.6

Manual Integrations

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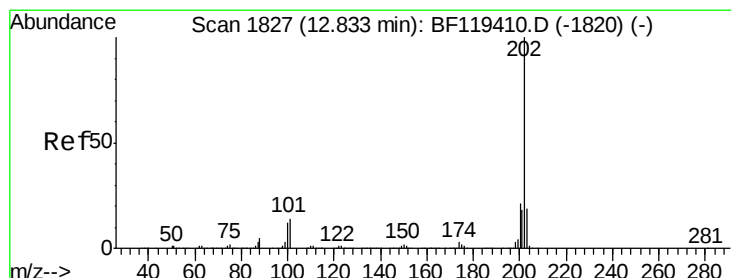
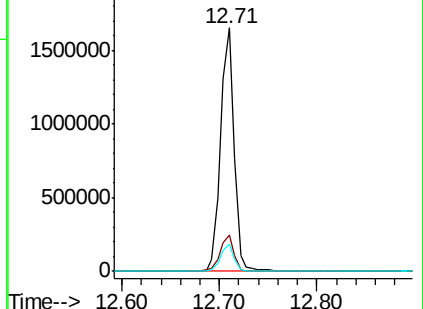
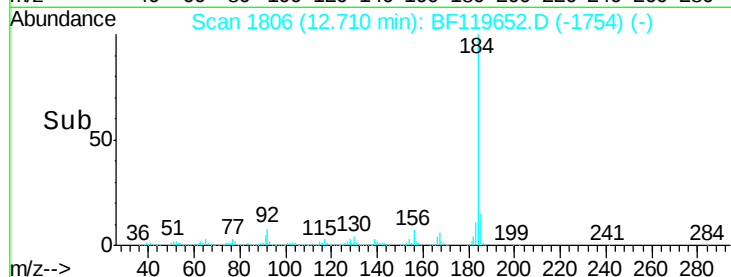
4/1/2020 11:55:24 AM



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: 43.229 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

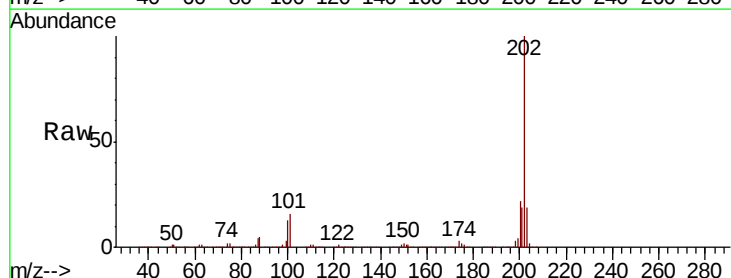
Tgt Ion:202 Resp: 3347685

Ion Ratio Lower Upper

202 100

200 21.8 16.8 25.2

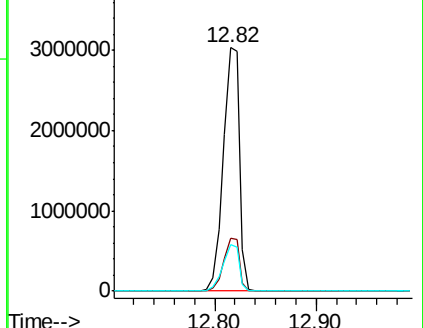
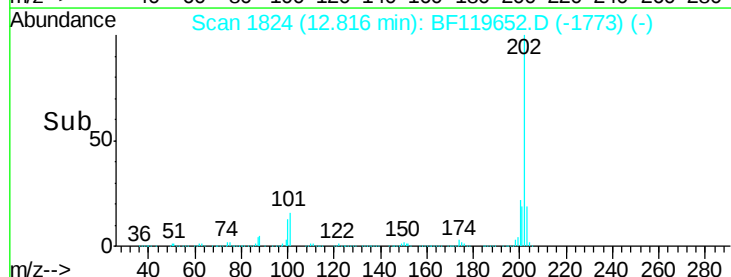
203 19.3 15.1 22.7



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





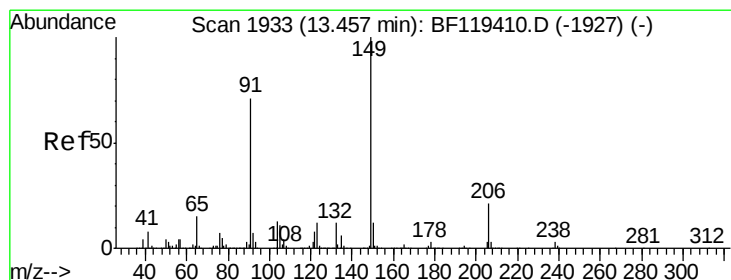
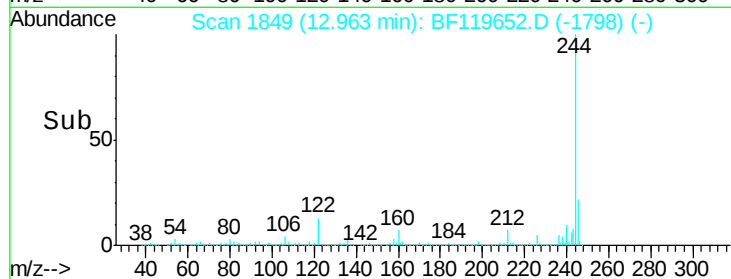
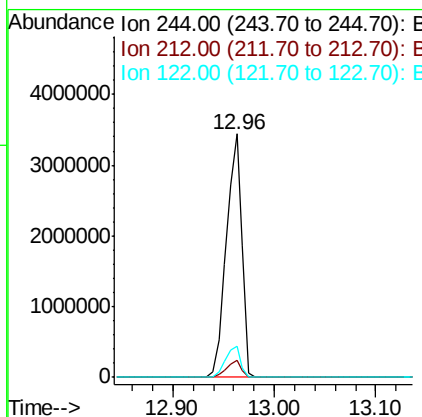
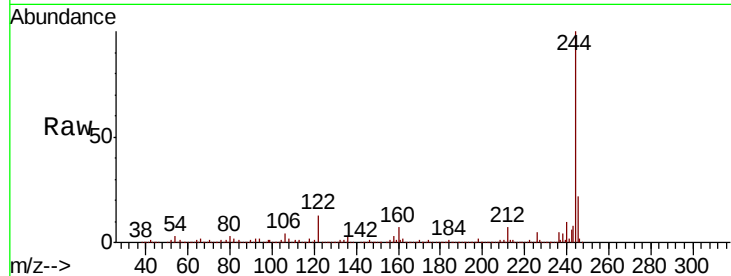
#79
 Terphenyl-d14
 Concen: 75.799 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BF119652.D
 Acq: 31 Mar 2020 15:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(10-12)MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	13.0	10.3	15.5

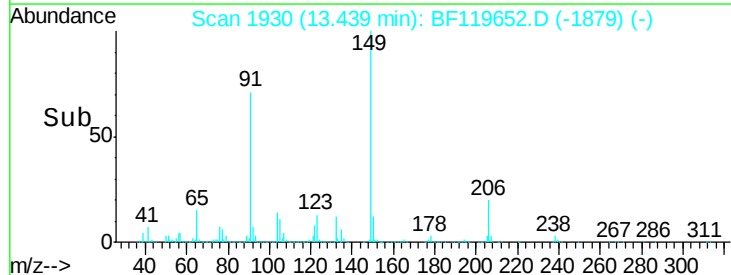
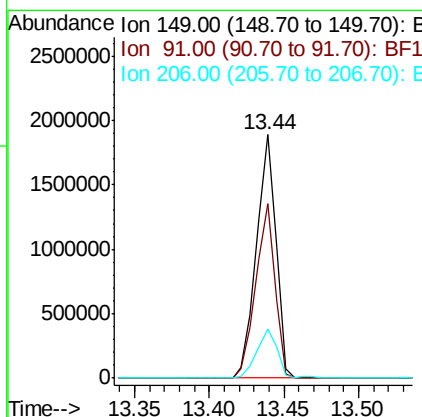
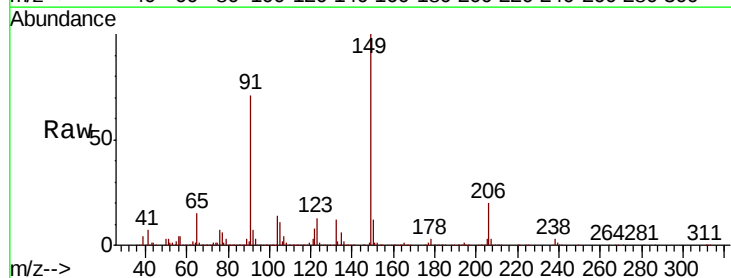
Manual Integrations
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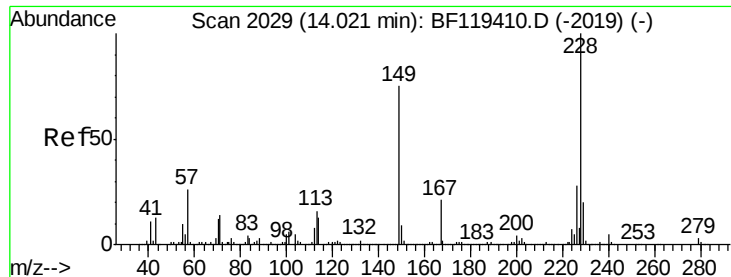
mohammad
 4/1/2020 11:55:24 AM



#80
 Butylbenzylphthalate
 Concen: 54.233 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: BF119652.D
 Acq: 31 Mar 2020 15:27

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.4	54.7	82.1
206	20.4	16.2	24.2





#81

Benzo(a)anthracene

Concen: 42.499 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MSD

Tot Ion:228 Resp: 2607764

Ion Ratio Lower Upper

228 100

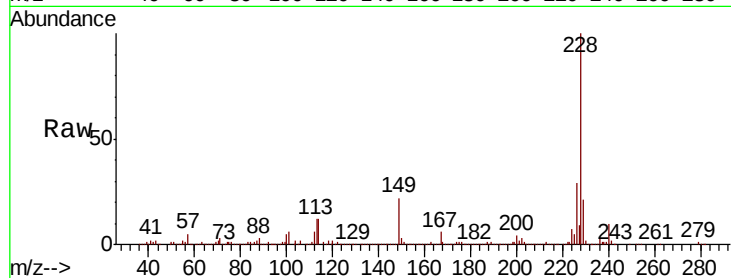
226 28.6 21.8 32.8

229 20.8 16.2 24.4

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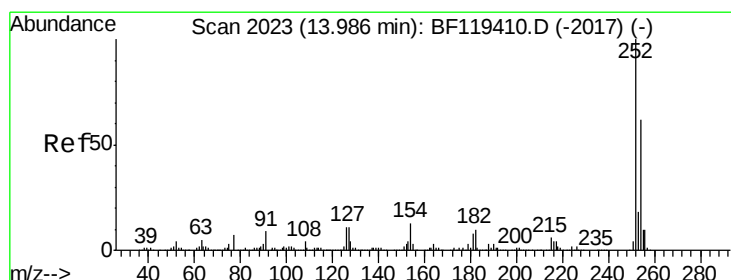
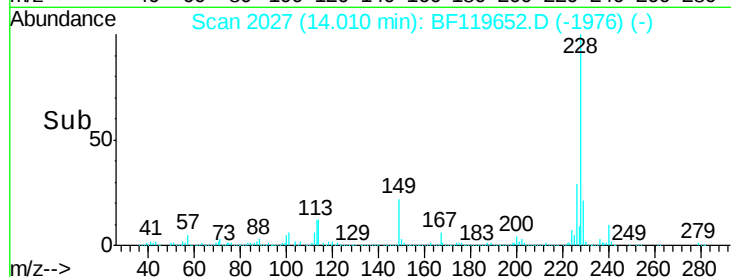
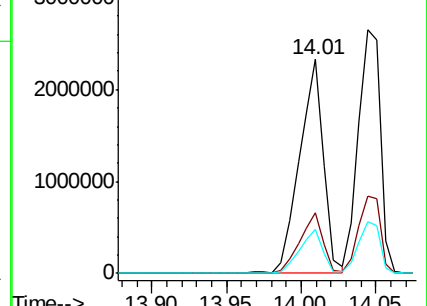
4/1/2020 11:55:24 AM



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: 34.039 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

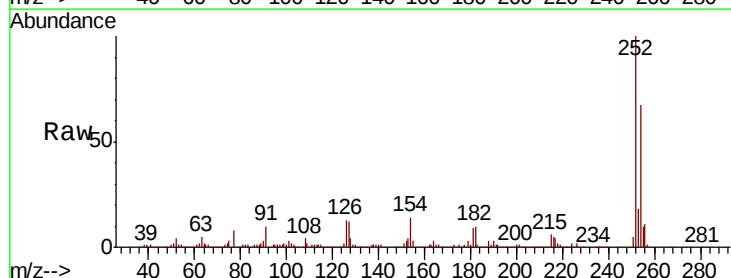
Tgt Ion:252 Resp: 823527

Ion Ratio Lower Upper

252 100

254 67.1 51.2 76.8

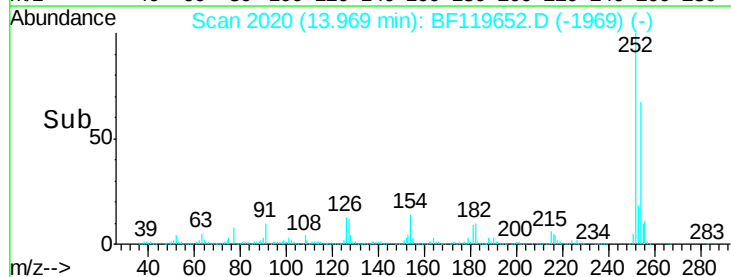
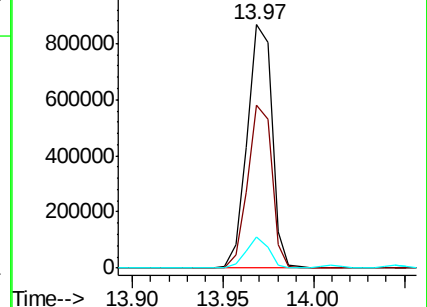
126 12.8 9.6 14.4

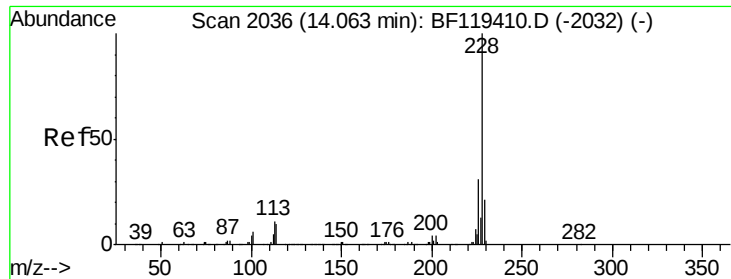


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





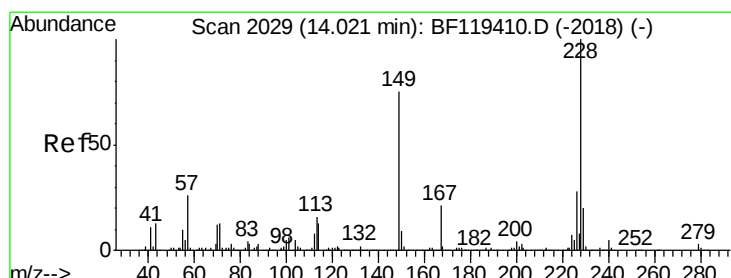
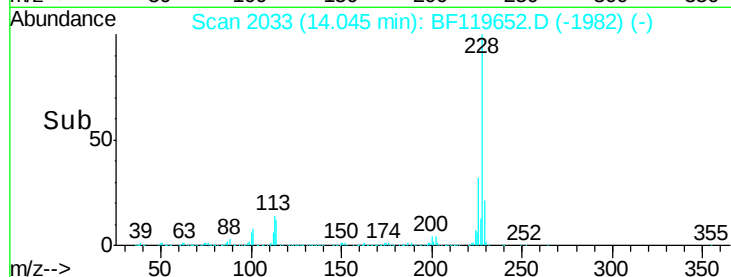
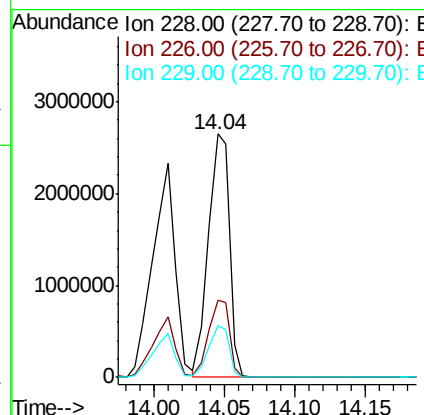
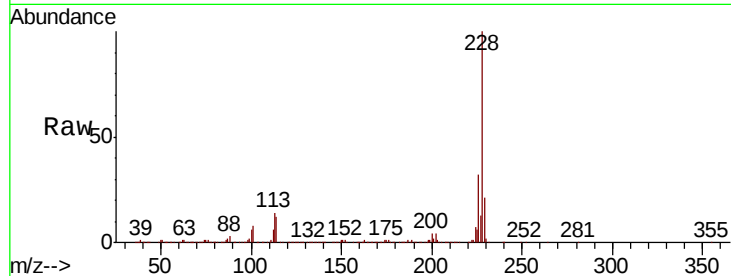
#83
Chrysene
Concen: 43.430 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MSD

Tot Ion:228 Resp: 2750263
Ion Ratio Lower Upper
228 100
226 32.0 25.4 38.0
229 21.2 16.6 24.8

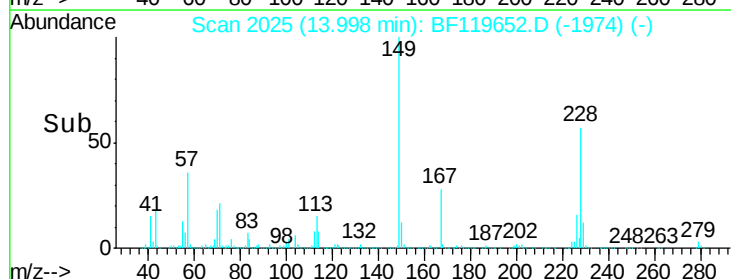
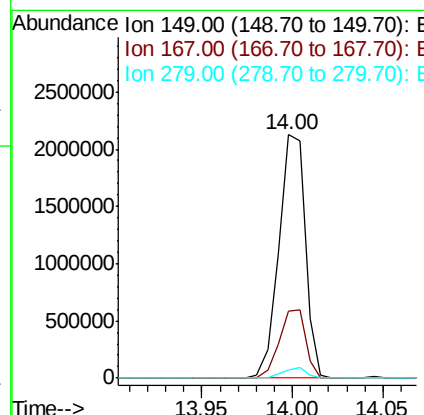
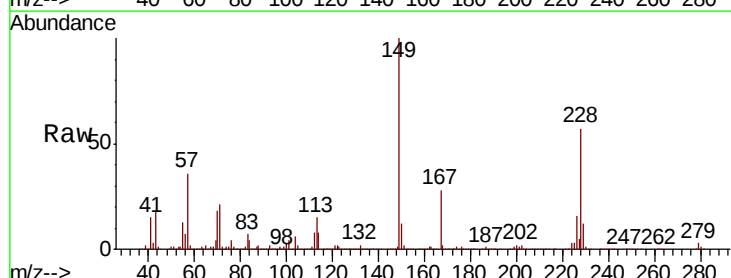
Manual Integrations
APPROVED

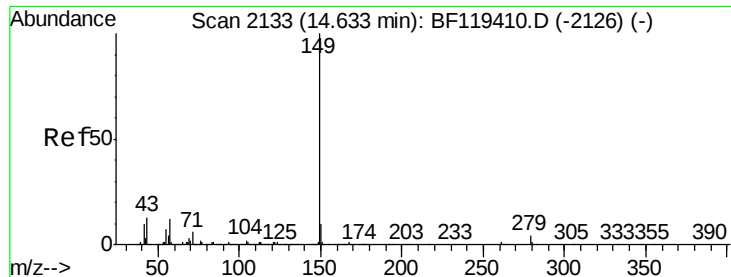
mohammad
4/1/2020 11:55:24 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 57.704 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Tgt Ion:149 Resp: 2154502
Ion Ratio Lower Upper
149 100
167 27.7 21.3 31.9
279 3.5 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 59.318 ng

RT: 14.62 min Scan# 2130

Delta R.T. 0.00 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MSD

Tot Ion:149 Resp: 3895143

Ion Ratio Lower Upper

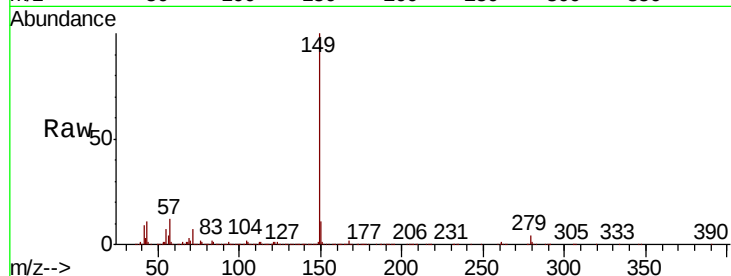
149 100

167 1.6 1.2 1.8

43 11.3 9.3 13.9

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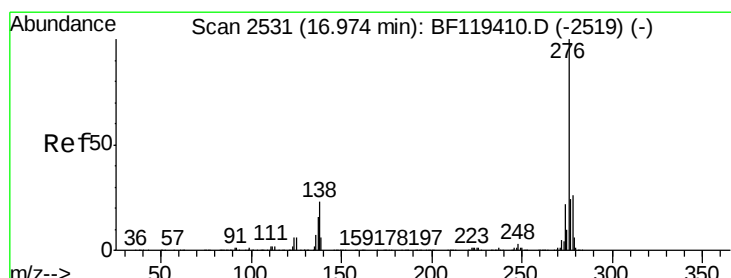
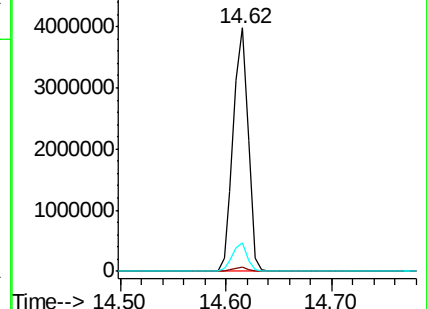
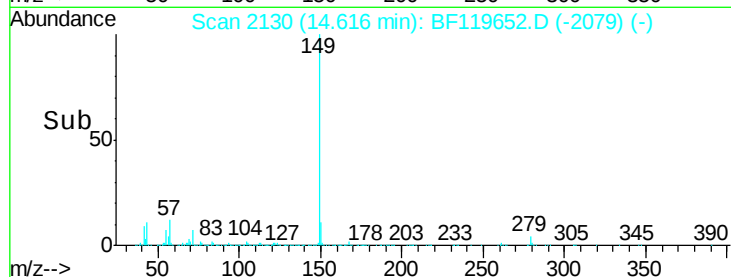
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.058 ng

RT: 16.95 min Scan# 2527

Delta R.T. 0.01 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

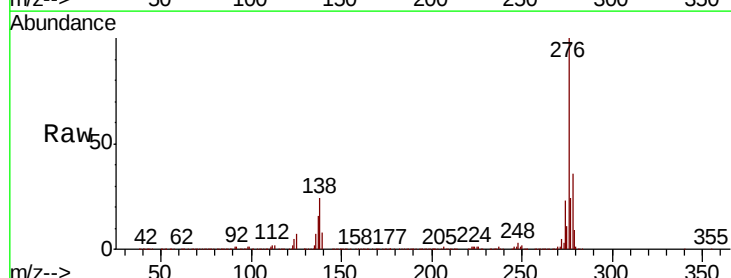
Tgt Ion:276 Resp: 2627664

Ion Ratio Lower Upper

276 100

138 26.6 19.6 29.4

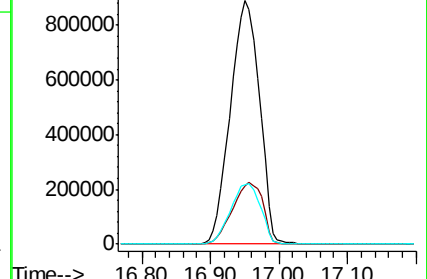
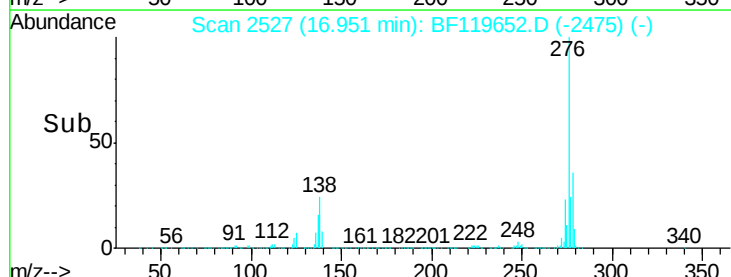
277 25.6 20.0 30.0

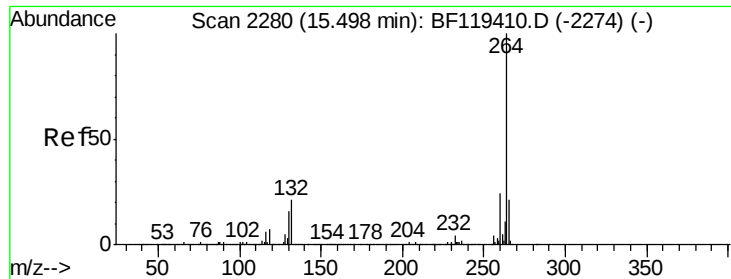


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.48 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

Instrument :

BNA_F

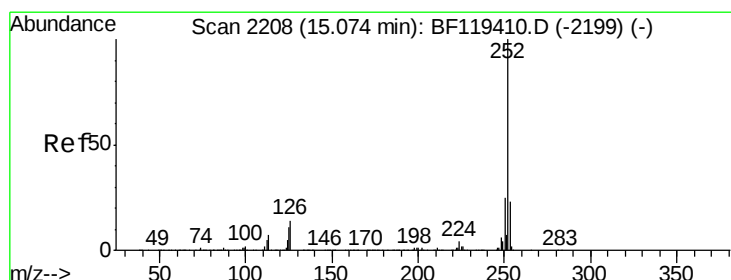
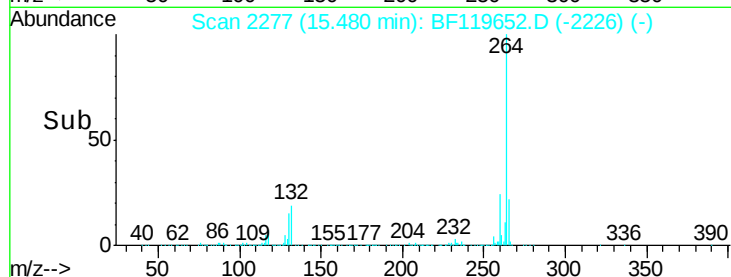
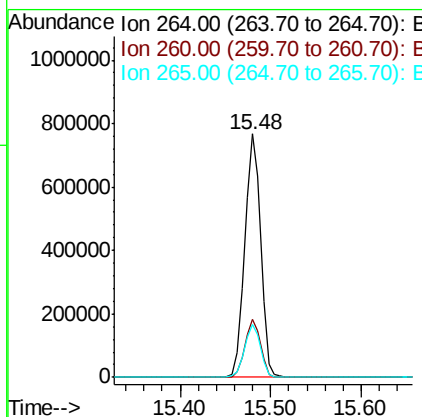
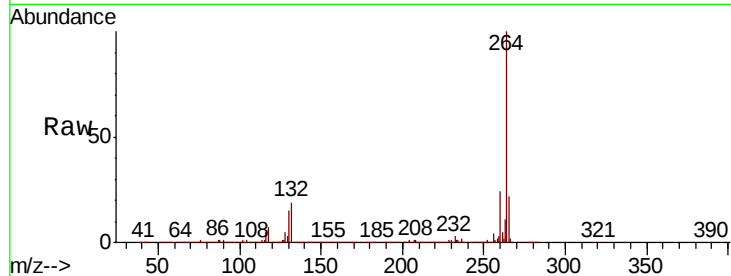
ClientSampleId :

SB-6-(10-12)MSD

Tot Ion:	264	Resp:	933466
Ion Ratio		Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.9	17.7	26.5

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 49.230 ng

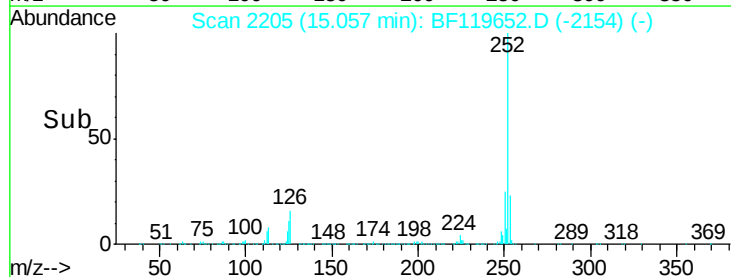
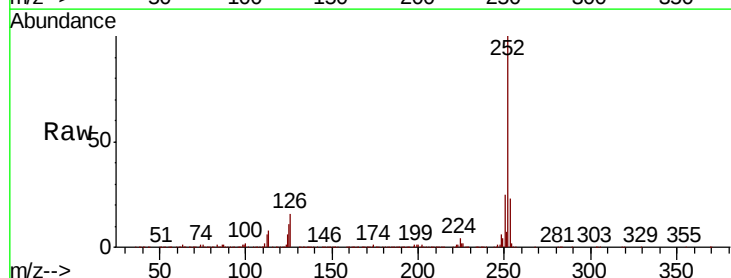
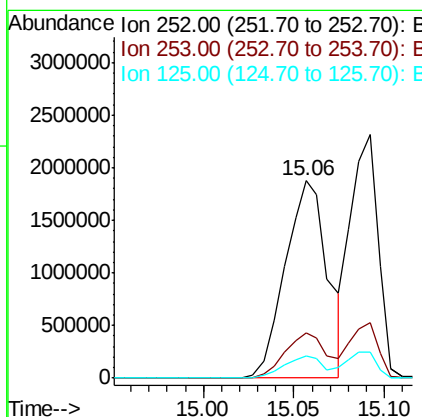
RT: 15.06 min Scan# 2205

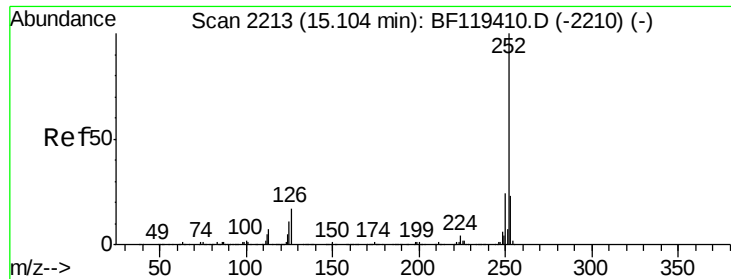
Delta R.T. 0.00 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

Tgt Ion:	252	Resp:	3069761
Ion Ratio		Lower	Upper
252	100		
253	23.2	17.4	26.0
125	11.4	7.9	11.9





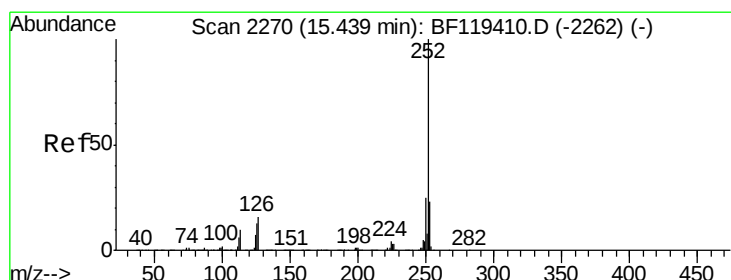
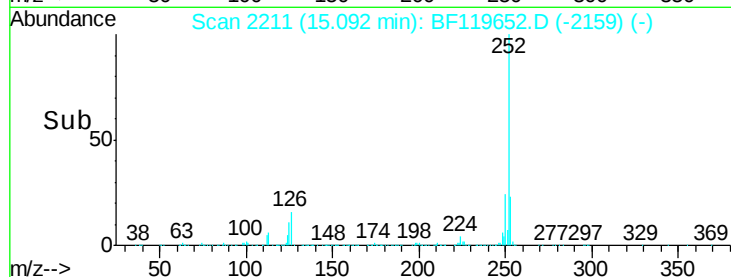
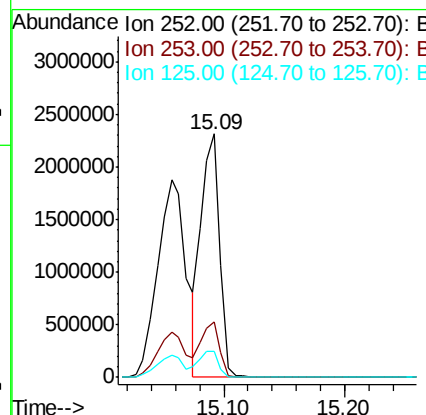
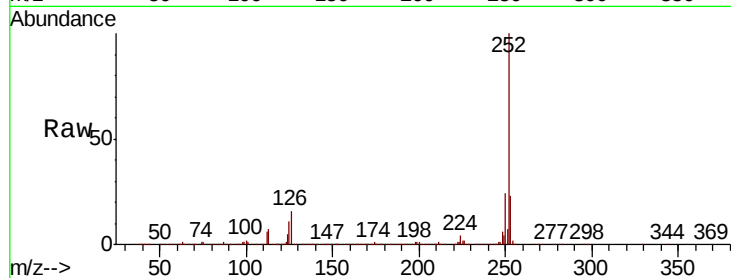
#89
Benzo(k)fluoranthene
Concen: 41.614 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	10.9	8.4	12.6

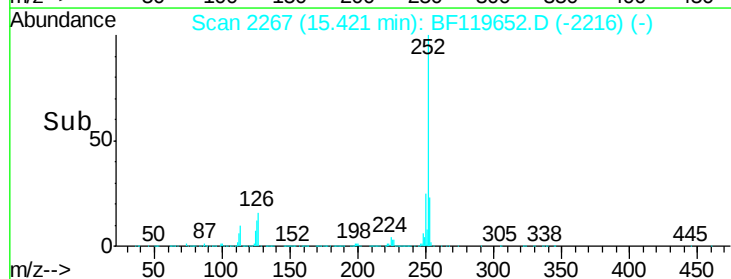
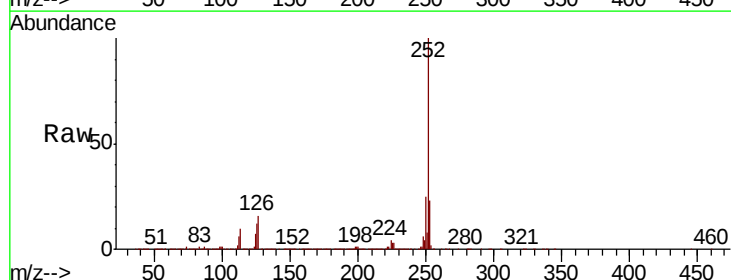
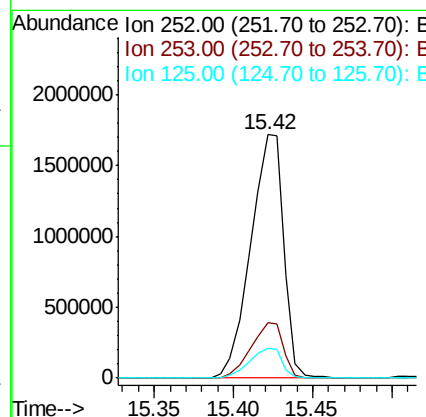
Manual Integrations
APPROVED

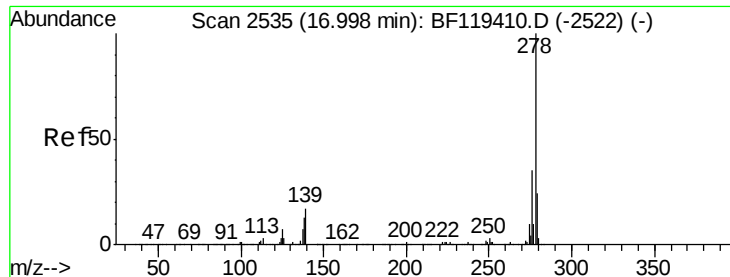
mohammad
4/1/2020 11:55:24 AM



#90
Benzo(a)pyrene
Concen: 43.891 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	12.5	9.4	14.2





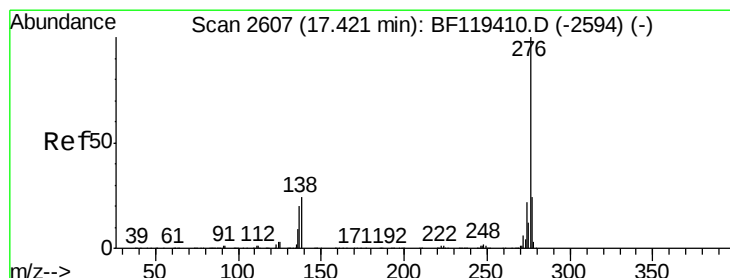
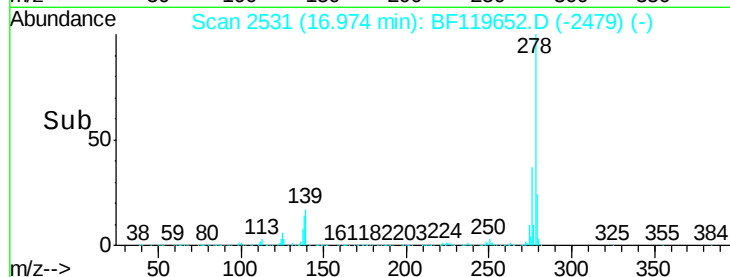
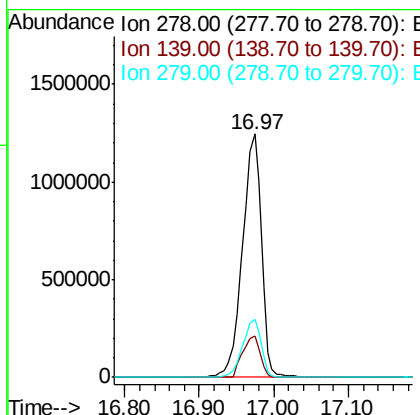
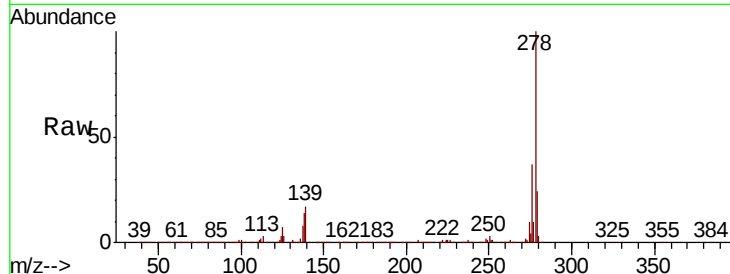
#91
Dibenzo(a,h)anthracene
Concen: 44.300 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.01 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.0	12.6	19.0
279	23.7	19.0	28.6

Manual Integrations
APPROVED

mohammad
4/1/2020 11:55:24 AM



#92
Benzo(g,h,i)perylene
Concen: 42.889 ng
RT: 17.40 min Scan# 2603
Delta R.T. 0.01 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.4	27.6
138	23.2	15.4	23.0

