

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072120\
 Data File : BF120960.D
 Acq On : 21 Jul 2020 18:18
 Operator : JU/CG
 Sample : L3351-03MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1BMSD

Manual Integrations
 APPROVED

Sohil
 7/24/2020 12:09:46 PM

Quant Time: Jul 21 18:45:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	186316	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	741411	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	399658	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	780439	20.00	ng	0.00
76) Chrysene-d12	13.98	240	558343	20.00	ng	0.00
86) Perylene-d12	15.42	264	504462	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1163468	102.37	ng	0.02
7) Phenol-d6	6.45	99	1461706	99.56	ng	0.00
23) Nitrobenzene-d5	7.38	82	933310	72.84	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	452962	103.54	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1727885	64.55	ng	0.00
79) Terphenyl-d14	12.93	244	1728397	67.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	218996	41.868	ng	99
3) Pyridine	3.36	79	522053	37.519	ng	99
4) n-Nitrosodimethylamine	3.32	42	259604	43.631	ng	99
6) Aniline	6.47	93	456633	23.828	ng	97
8) 2-Chlorophenol	6.60	128	564840	45.114	ng	99
9) Benzaldehyde	6.36	77	425706	76.343	ng	99
10) Phenol	6.46	94	665726	41.223	ng	94
11) bis(2-Chloroethyl)ether	6.55	93	524223	42.356	ng	99
12) 1,3-Dichlorobenzene	6.76	146	562428	41.427	ng	99
13) 1,4-Dichlorobenzene	6.83	146	560264	41.501	ng	99
14) 1,2-Dichlorobenzene	6.99	146	549388	43.017	ng	99
15) Benzyl Alcohol	6.96	79	450726	43.413	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	732296	41.050	ng	100
17) 2-Methylphenol	7.07	107	443629	39.977	ng	97
18) Hexachloroethane	7.33	117	209932	42.965	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	340471	40.784	ng	97
20) 3+4-Methylphenols	7.23	107	489846	34.700	ng	# 90
22) Acetophenone	7.23	105	680175	40.877	ng	# 93
24) Nitrobenzene	7.40	77	551525	39.936	ng	99
25) Isophorone	7.64	82	1047160	40.949	ng	99
26) 2-Nitrophenol	7.72	139	299324	45.637	ng	98
27) 2,4-Dimethylphenol	7.76	122	489438	45.961	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	664751	42.585	ng	99
29) 2,4-Dichlorophenol	7.96	162	465264	42.756	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	493735	40.896	ng	99
31) Naphthalene	8.12	128	1524067	40.074	ng	100
32) Benzoic acid	7.89	122	364639	45.615	ng	93
33) 4-Chloroaniline	8.17	127	249154	14.686	ng	98
34) Hexachlorobutadiene	8.24	225	281949	39.616	ng	99
35) Caprolactam	8.55	113	150178m	43.036	ng	
36) 4-Chloro-3-methylphenol	8.66	107	485826	43.532	ng	98
37) 2-Methylnaphthalene	8.82	142	1053294	42.654	ng	99
38) 1-Methylnaphthalene	8.91	142	990679	42.360	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	459201	39.436	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	504803	78.439	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	359822	43.888	nq	100
44) 2,4,5-Trichlorophenol	9.13	196	355997	38.279	nq	98
46) 1,1'-Biphenyl	9.27	154	1259375	41.310	nq	99
47) 2-Chloronaphthalene	9.30	162	983370	39.564	nq	97
48) 2-Nitroaniline	9.40	65	311090	41.416	nq	97
49) Acenaphthylene	9.72	152	1579353	40.902	nq	99
50) Dimethylphthalate	9.58	163	1426503	49.475	nq	98
51) 2,6-Dinitrotoluene	9.64	165	268913	43.412	nq	96
52) Acenaphthene	9.89	154	1063316m	43.314	nq	
53) 3-Nitroaniline	9.80	138	133601	17.197	nq	96
54) 2,4-Dinitrophenol	9.92	184	267248	75.384	nq	89
55) Dibenzofuran	10.06	168	1412402	39.785	nq	99
56) 4-Nitrophenol	9.98	139	484600	82.114	nq	91
57) 2,4-Dinitrotoluene	10.05	165	357341	43.928	nq	95
58) Fluorene	10.40	166	1006743	38.023	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	314413	44.403	nq	97
60) Diethylphthalate	10.28	149	1203165	41.256	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	497118	35.201	nq	99
62) 4-Nitroaniline	10.43	138	277508	36.670	nq	98
63) Azobenzene	10.56	77	1114505	40.142	nq	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	179658	40.433	nq	95
66) n-Nitrosodiphenylamine	10.52	169	1006013	40.976	nq	100
67) 4-Bromophenyl-phenylether	10.89	248	346369	39.807	nq	92
68) Hexachlorobenzene	10.95	284	390835	41.523	nq	# 90
69) Atrazine	11.05	200	289363	47.591	nq	98
70) Pentachlorophenol	11.15	266	444367	82.408	nq	99
71) Phenanthrene	11.36	178	1623385	40.445	nq	100
72) Anthracene	11.42	178	1628456	40.404	nq	99
73) Carbazole	11.57	167	1521369	38.036	nq	99
74) Di-n-butylphthalate	11.90	149	1883293	40.801	nq	100
75) Fluoranthene	12.55	202	1754624	39.439	nq	99
77) Benzidine	12.67	184	906562	61.756	nq	99
78) Pyrene	12.78	202	1818920	46.078	nq	98
80) Butylbenzylphthalate	13.40	149	822850	46.760	nq	99
81) Benzo(a)anthracene	13.97	228	1357325	40.145	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	366721	28.750	nq	99
83) Chrysene	14.00	228	1454824	40.945	nq	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	956828	44.094	nq	99
85) Di-n-octyl phthalate	14.57	149	1903111	44.082	nq	99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1347274	38.402	nq	100
88) Benzo(b)fluoranthene	15.00	252	1450970	47.584	nq	99
89) Benzo(k)fluoranthene	15.03	252	1171939	42.142	nq	99
90) Benzo(a)pyrene	15.36	252	1175365	42.248	nq	99
91) Dibenzo(a,h)anthracene	16.87	278	1116111	38.946	nq	98
92) Benzo(g,h,i)perylene	17.29	276	1118178	39.572	nq	98

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



#1

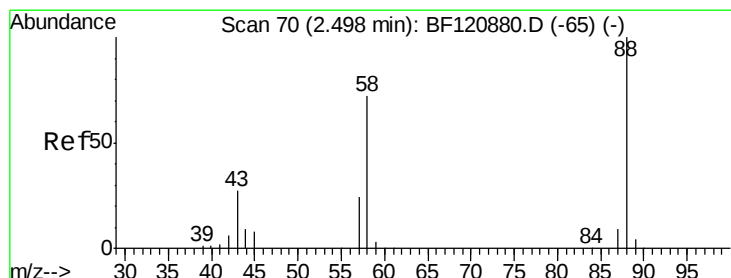
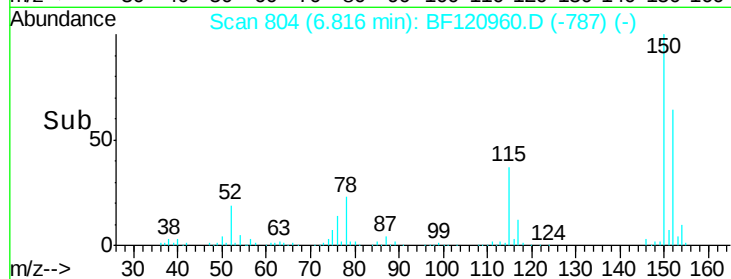
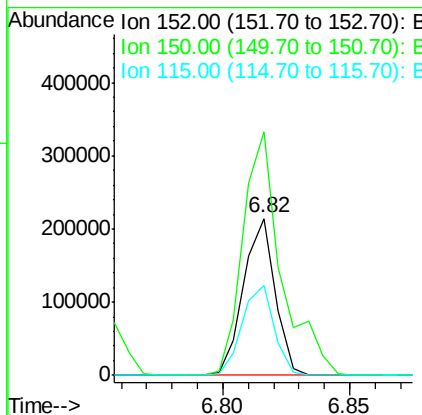
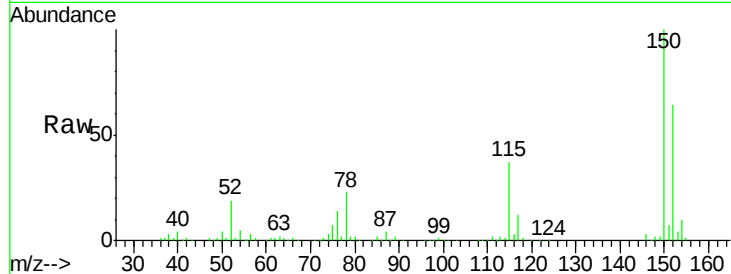
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	125.0	187.6
115	57.6	47.0	70.4

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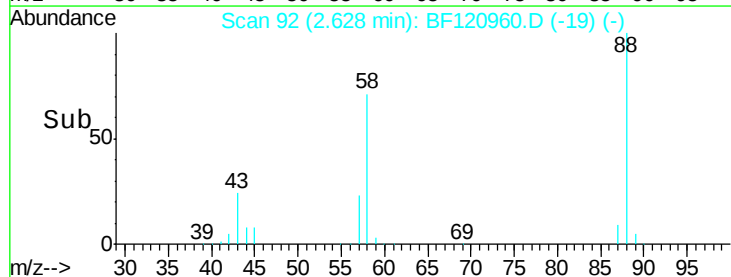
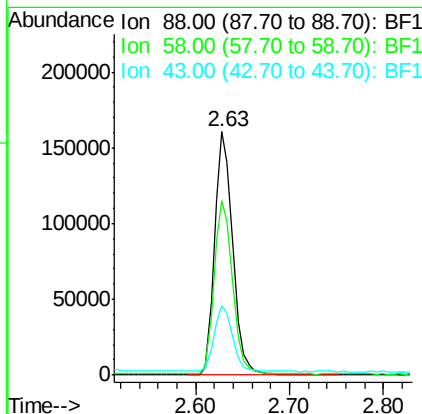
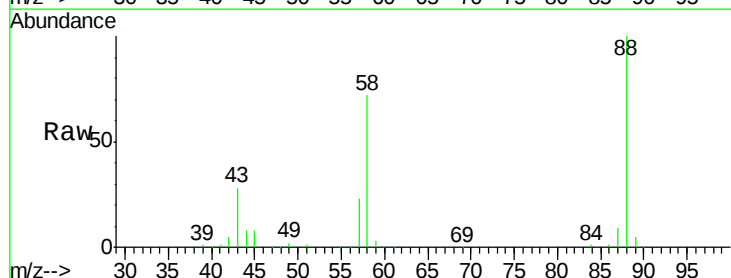
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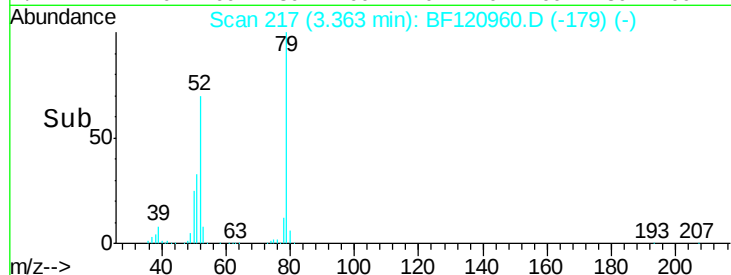
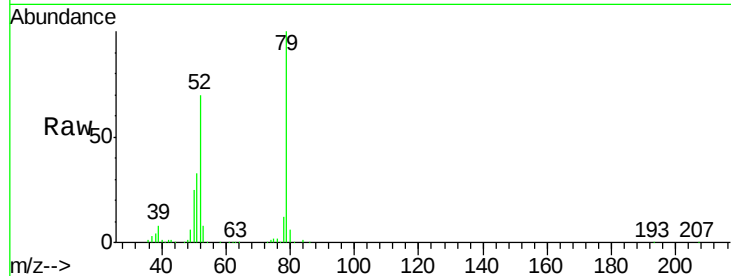
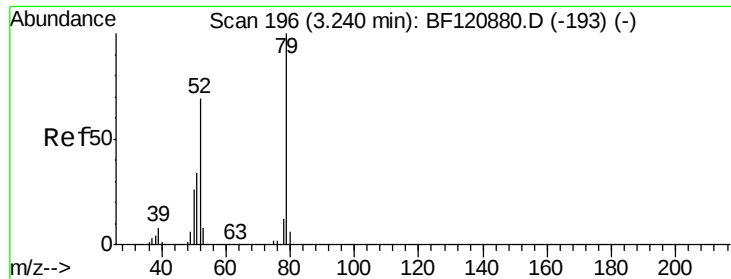


#2

1,4-Dioxane
Concen: 41.868 ng
RT: 2.63 min Scan# 92
Delta R.T. 0.13 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.6	58.2	87.2
43	27.2	22.1	33.1





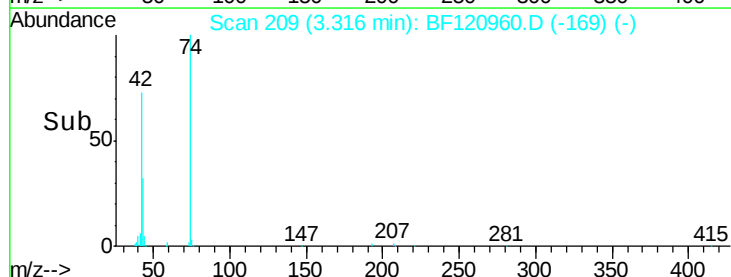
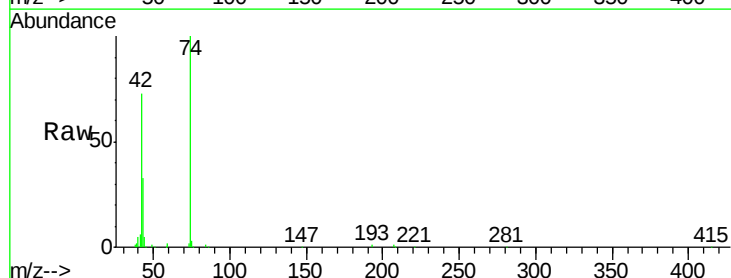
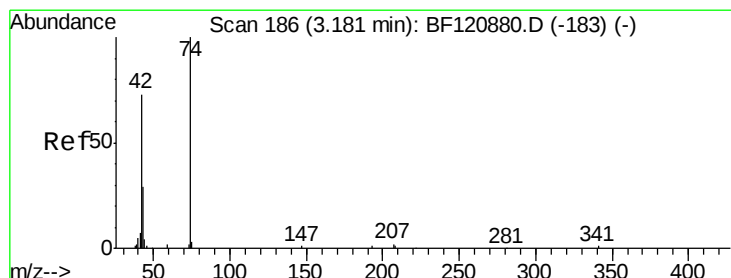
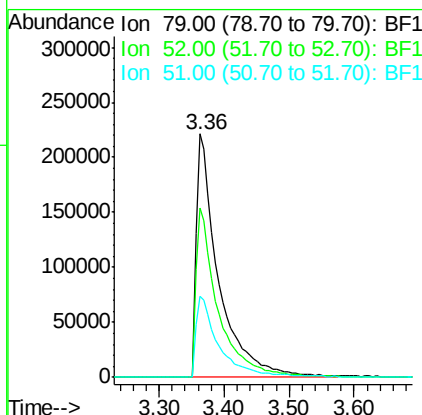
#3
Pvridine
Concen: 37.519 ng
RT: 3.36 min Scan# 217
Delta R.T. 0.12 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		522053		
52	69.6	55.0	82.6		
51	33.3	26.9	40.3		

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMSD

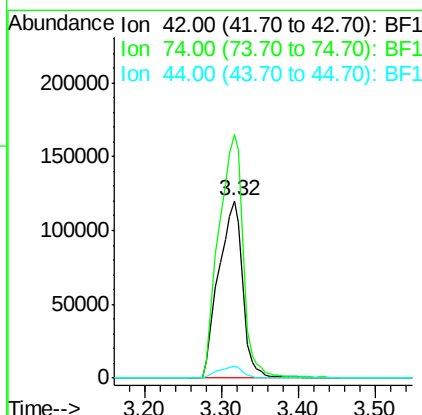
Manual Integrations
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#4
n-Nitrosodimethylamine
Concen: 43.631 ng
RT: 3.32 min Scan# 209
Delta R.T. 0.14 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		259604		
74	137.3	108.7	163.1		
44	6.6	5.2	7.8		





#5

2-Fluorophenol

Concen: 102.371 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

Instrument :

BNA_F

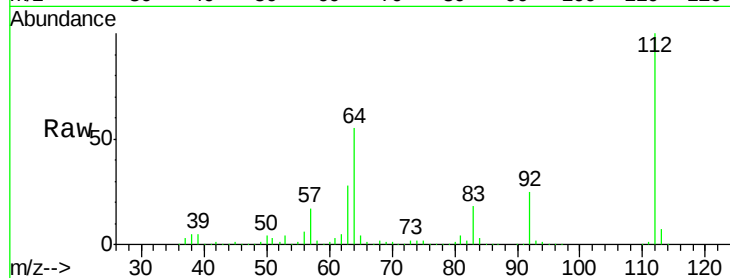
ClientSampleId :

SAMPLE-1BMSD

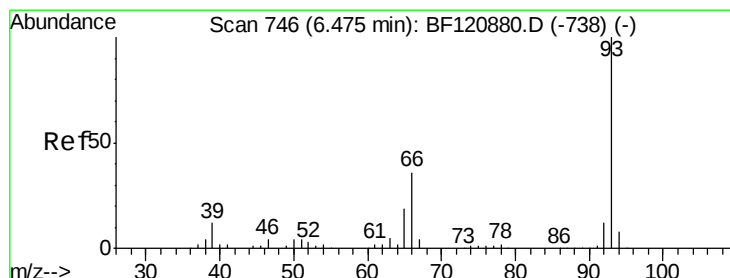
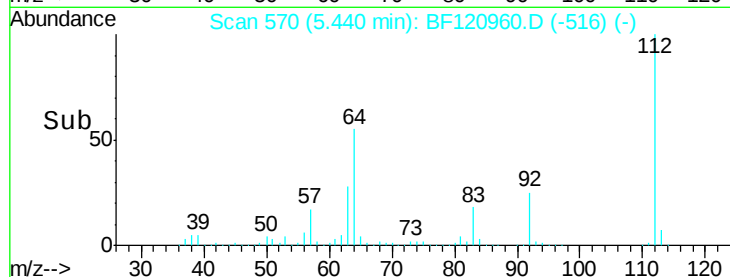
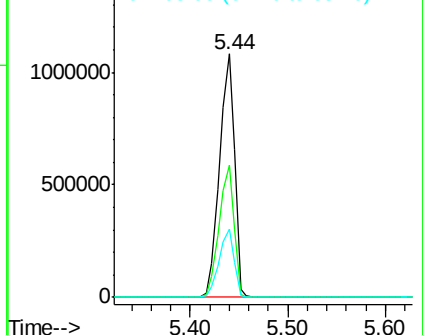
Tot Ion:	112	Resp:	1163468
Ion Ratio	Lower	Upper	
112	100		
64	54.6	41.3	61.9
63	27.8	21.1	31.7

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.828 ng

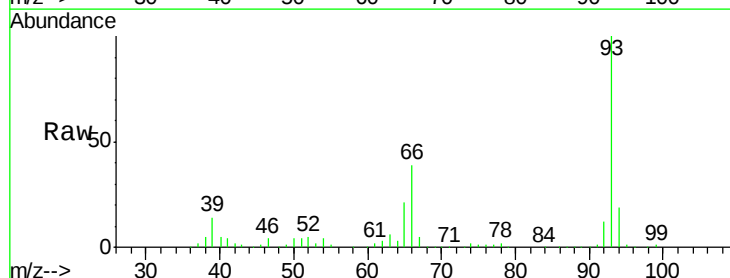
RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

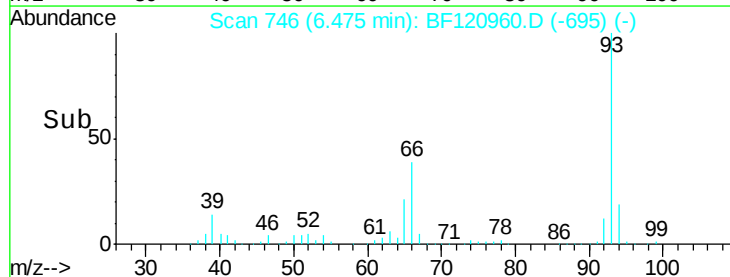
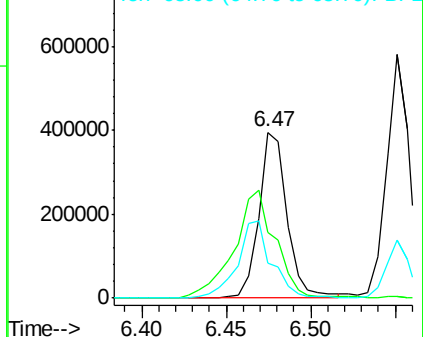
Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

Tgt Ion:	93	Resp:	456633
Ion Ratio	Lower	Upper	
93	100		
66	39.4	30.2	45.4
65	21.5	15.8	23.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 99.565 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMSD

Tot Ion: 99 Resp: 1461706

Ion Ratio Lower Upper

99 100

42 16.9 13.1 19.7

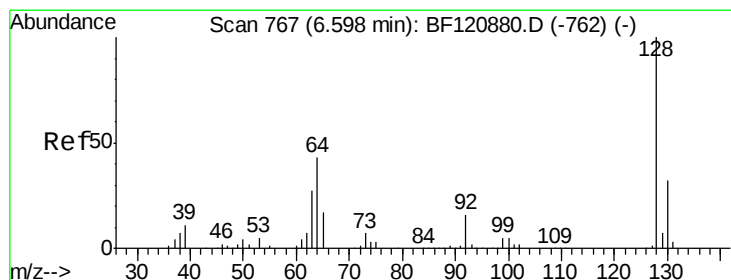
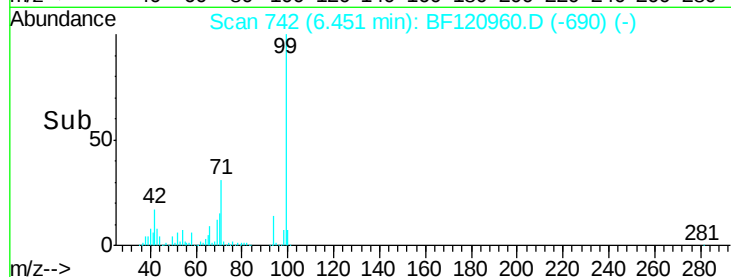
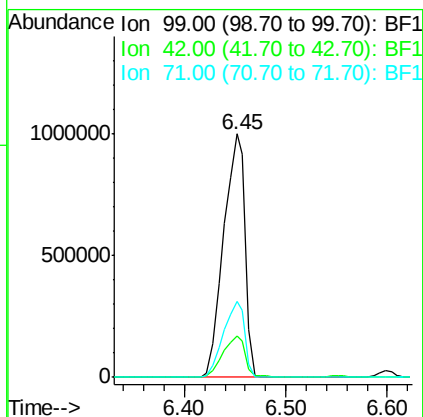
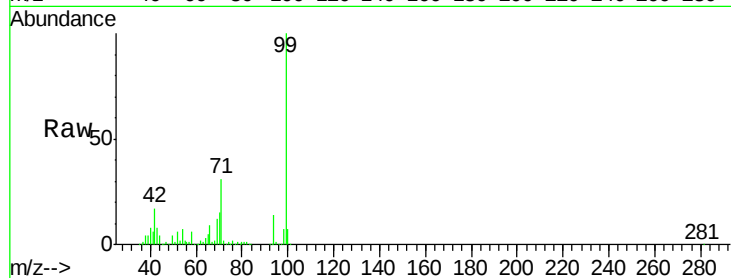
71 31.4 24.2 36.4

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#8

2-Chlorophenol

Concen: 45.114 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

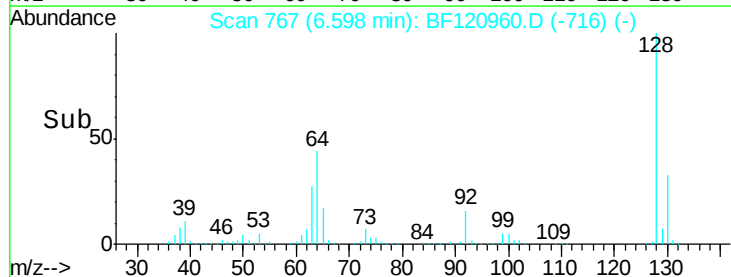
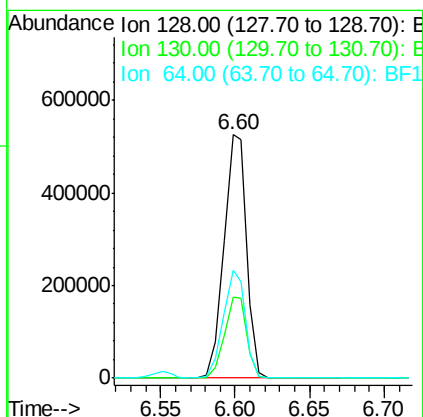
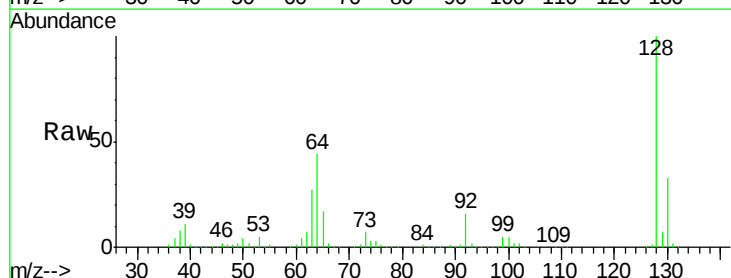
Tgt Ion: 128 Resp: 564840

Ion Ratio Lower Upper

128 100

130 33.1 12.1 52.1

64 44.2 24.0 64.0





#9

Benzaldehyde

Concen: 76.343 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

Instrument :

BNA_F

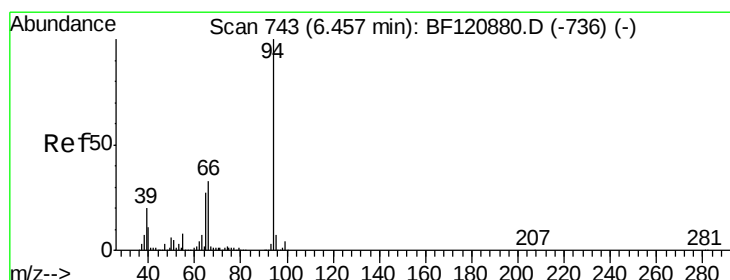
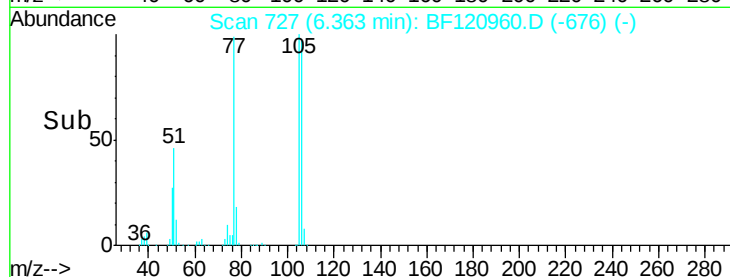
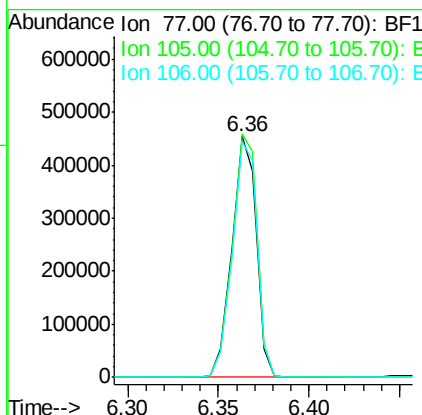
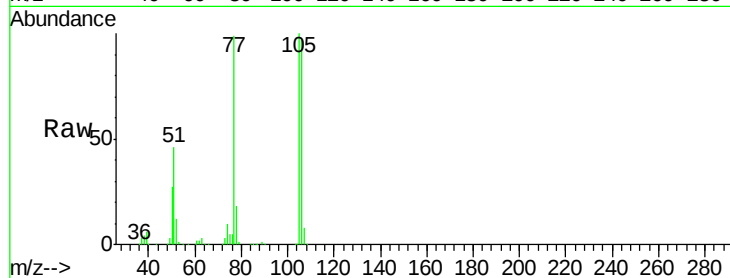
ClientSampleId :

SAMPLE-1BMSD

Tot Ion:	77	Resp:	425706
Ion Ratio	Lower	Upper	
77	100		
105	101.2	82.5	122.5
106	98.3	78.7	118.7

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#10

Phenol

Concen: 41.223 ng

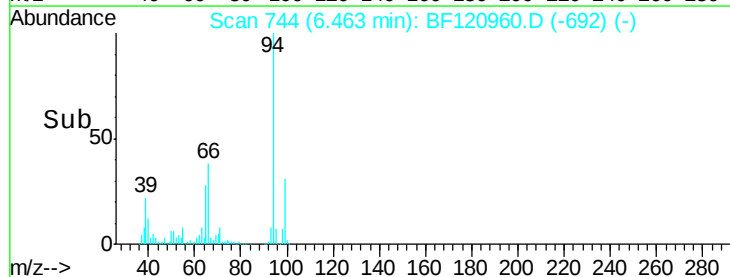
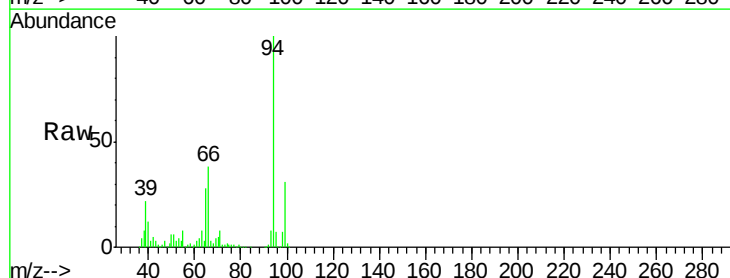
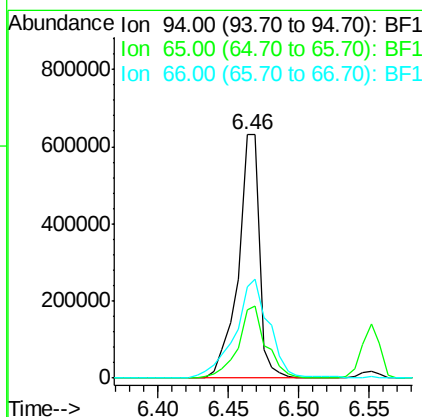
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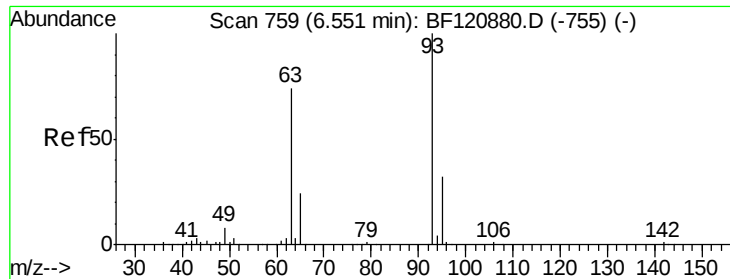
Delta R.T. 0.01 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

Tgt Ion:	94	Resp:	665726
Ion Ratio	Lower	Upper	
94	100		
65	28.3	6.6	46.6
66	37.6	13.2	53.2





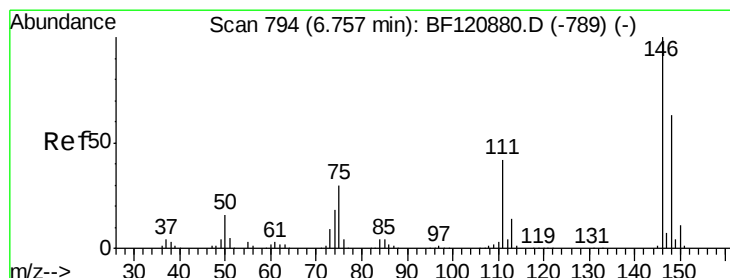
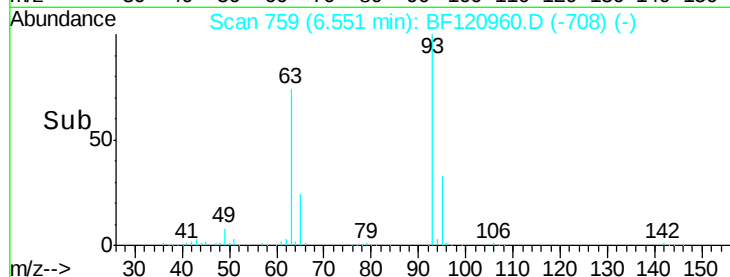
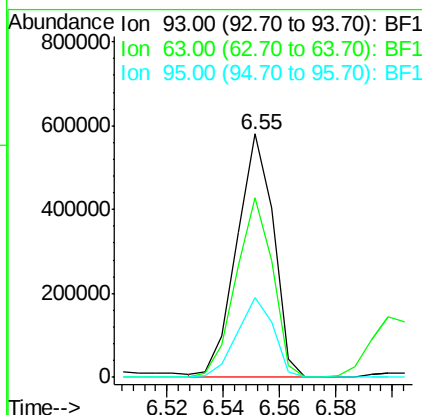
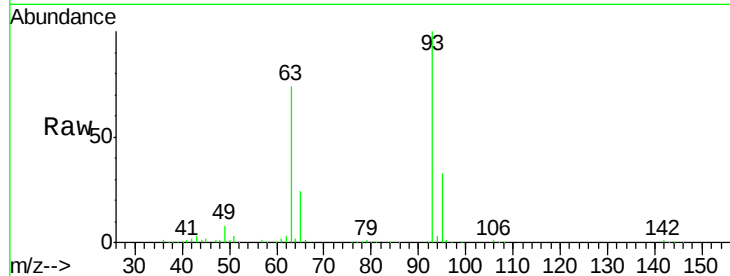
#11
bis(2-Chloroethyl)ether
Concen: 42.356 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	524223		
63	73.5		54.2	94.2
95	32.9		12.2	52.2

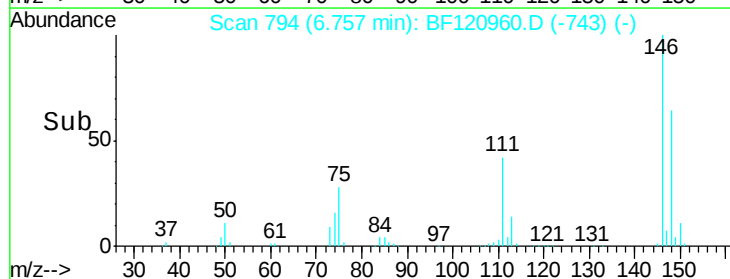
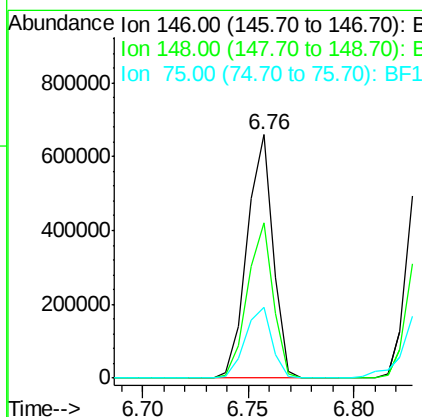
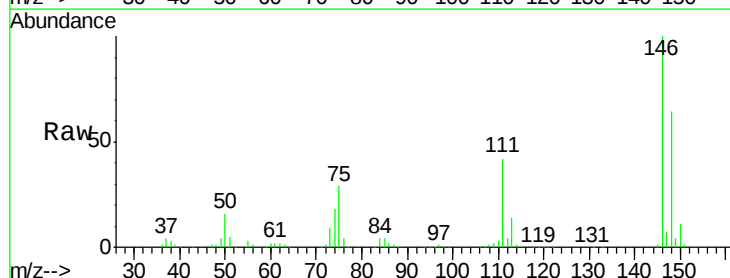
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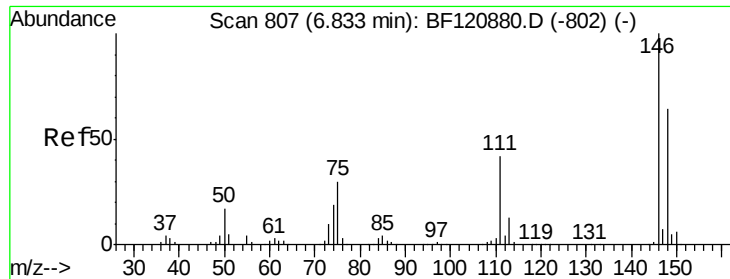
Sohil
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#12
1,3-Dichlorobenzene
Concen: 41.427 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	562428		
148	63.8		50.6	75.8
75	28.9		24.1	36.1





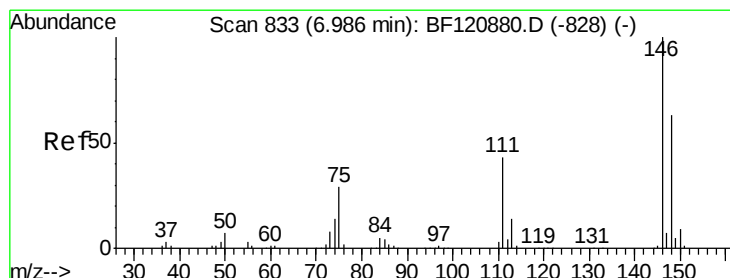
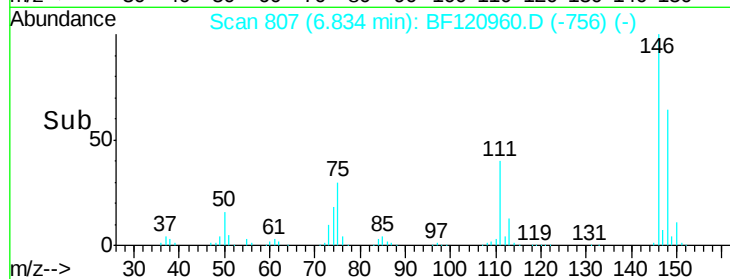
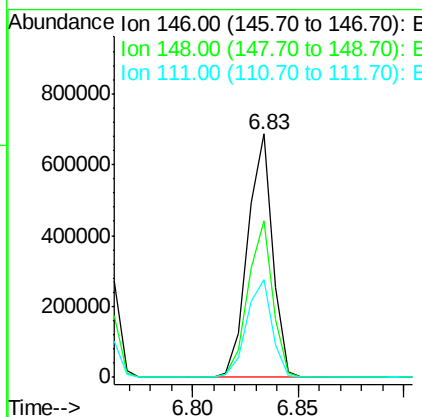
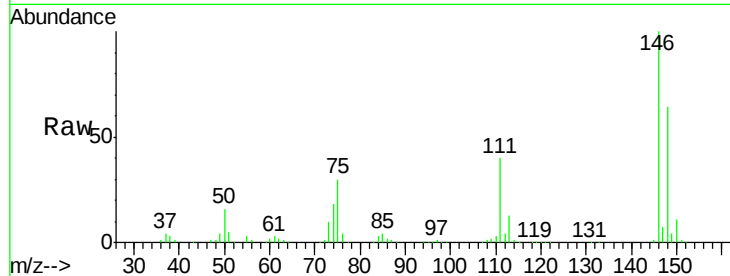
#13
 1,4-Dichlorobenzene
 Concen: 41.501 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF120960.D
 Acq: 21 Jul 2020 18:18

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1BMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.6	77.4
111	40.3	33.5	50.3

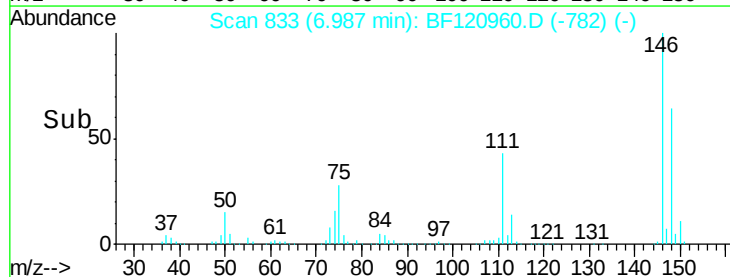
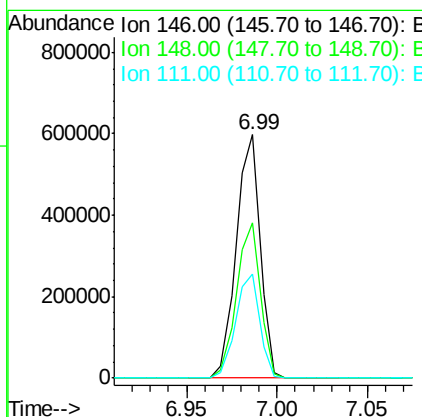
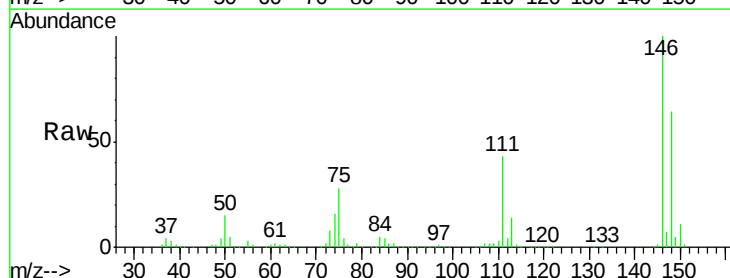
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#14
 1,2-Dichlorobenzene
 Concen: 43.017 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF120960.D
 Acq: 21 Jul 2020 18:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.6	76.0
111	42.6	34.2	51.2





#15

Benzyl Alcohol

Concen: 43.413 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

Instrument :

BNA_F

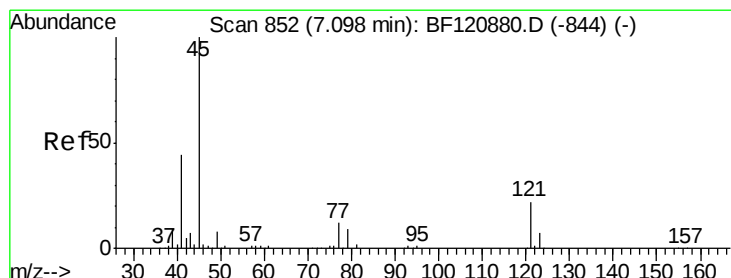
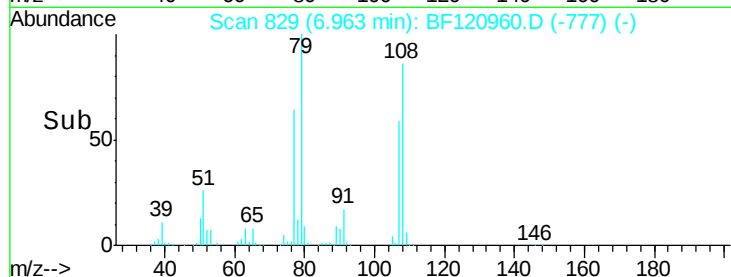
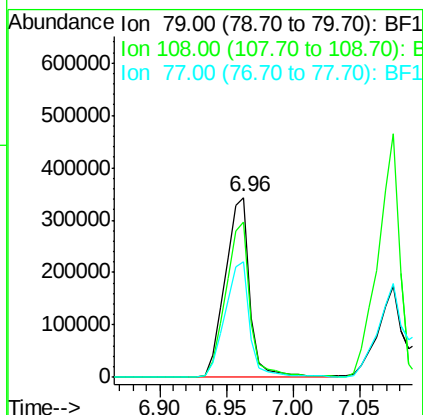
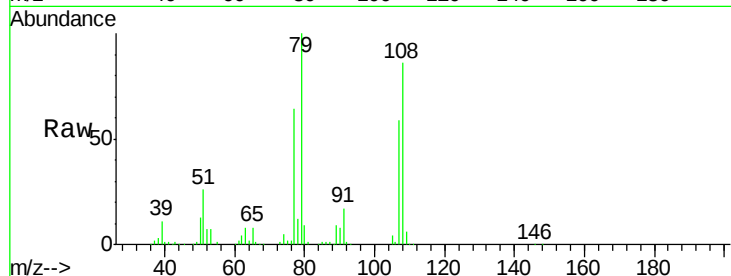
ClientSampleId :

SAMPLE-1BMSD

Tot Ion:	79	Resp:	450726
Ion Ratio	Lower	Upper	
79	100		
108	86.0	67.0	100.6
77	63.9	51.0	76.4

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.050 ng

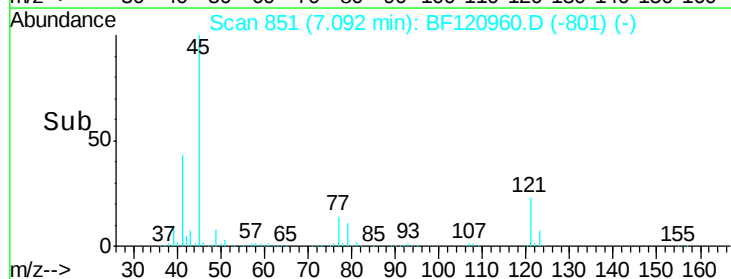
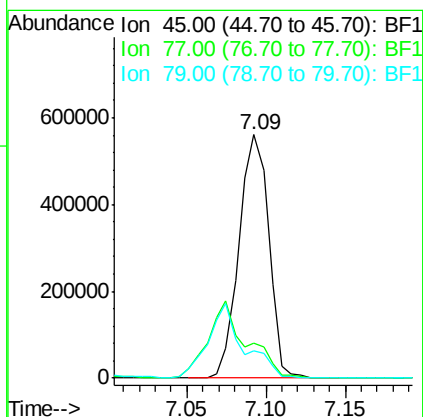
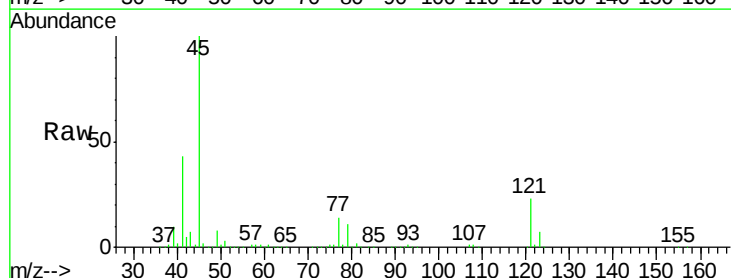
RT: 7.09 min Scan# 851

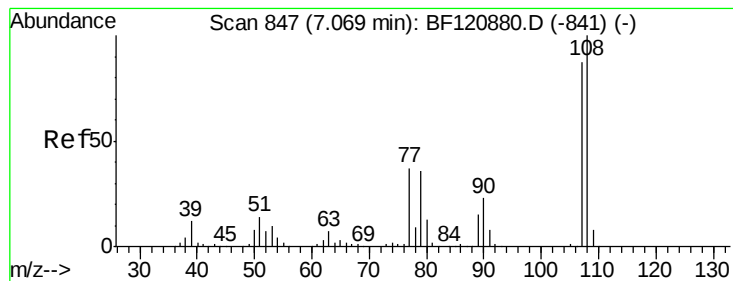
Delta R.T. -0.01 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

Tgt Ion:	45	Resp:	732296
Ion Ratio	Lower	Upper	
45	100		
77	14.4	0.0	34.3
79	11.2	0.0	31.0





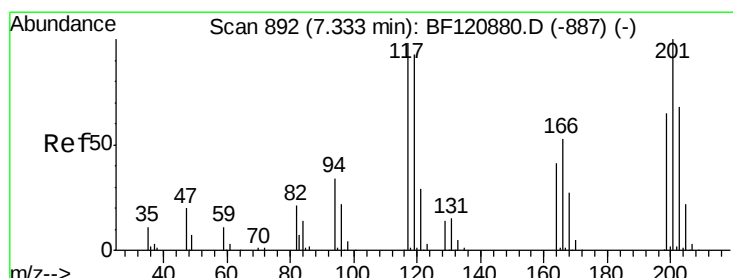
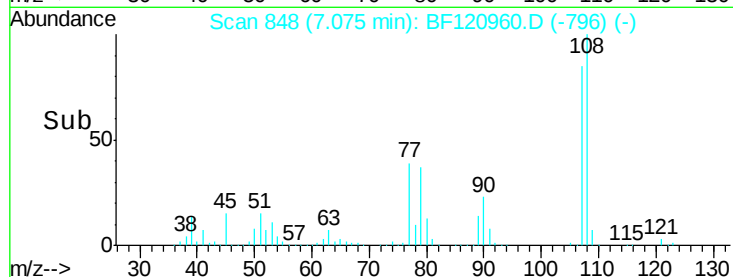
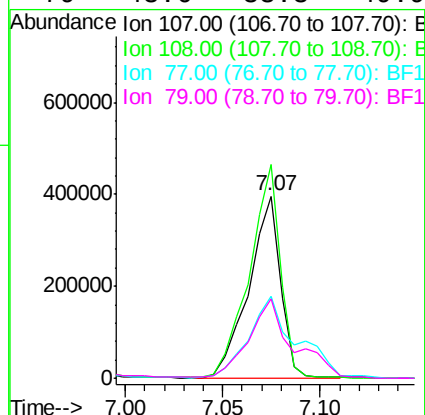
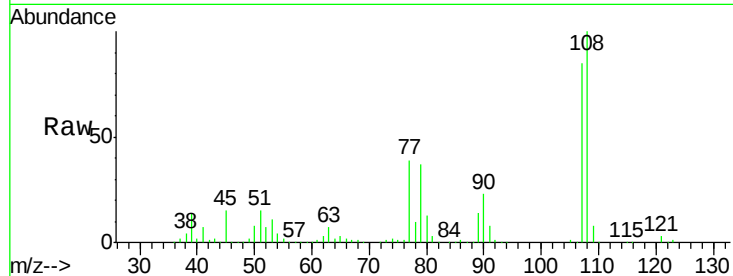
#17
2-Methylphenol
Concen: 39.977 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	117.2	92.0	138.0
77	45.1	34.0	51.0
79	43.6	33.3	49.9

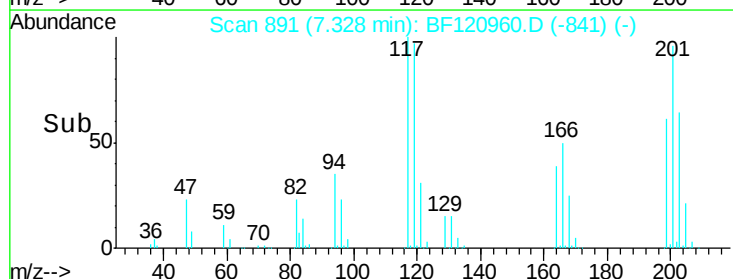
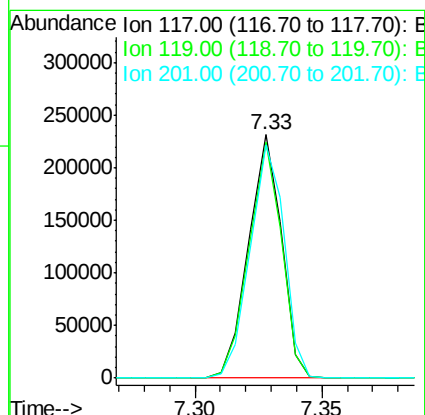
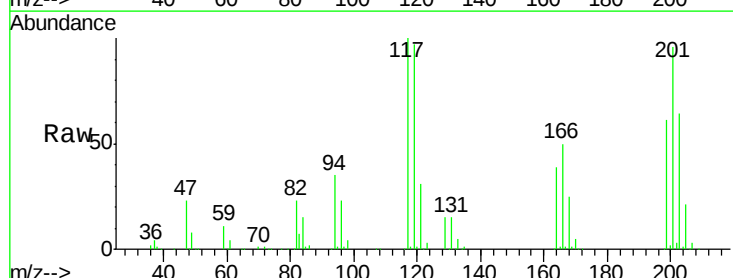
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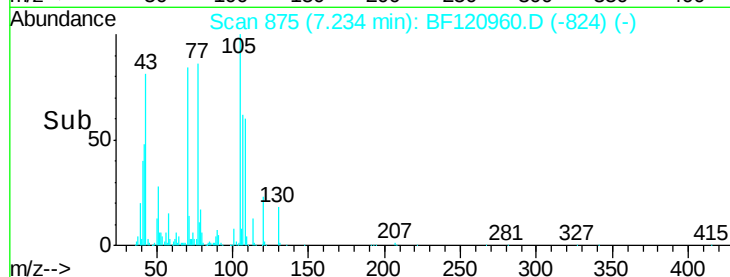
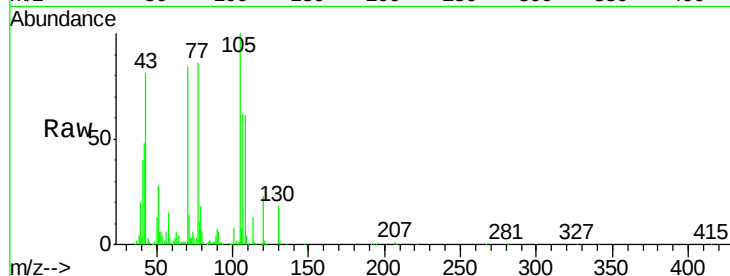
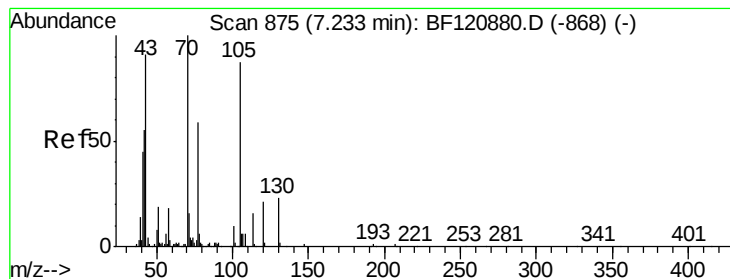
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#18
Hexachloroethane
Concen: 42.965 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.0	114.0
201	96.1	81.7	122.5





#19

n-Nitroso-di-n-propylamine

Concen: 40.784 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMSD

Tot Ion: 70 Resp: 340471

Ion Ratio Lower Upper

70 100

42 57.2 44.0 66.0

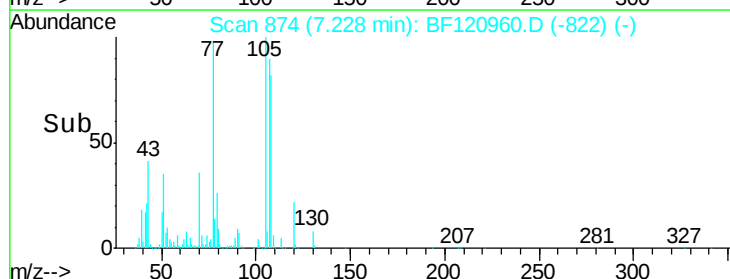
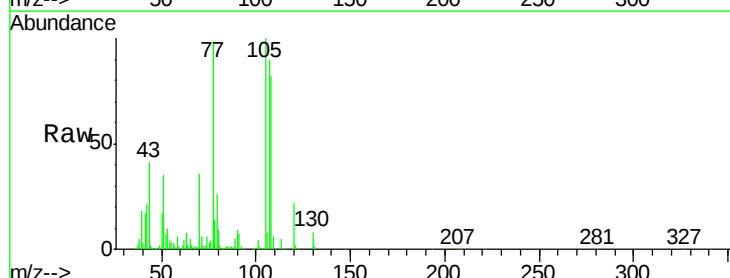
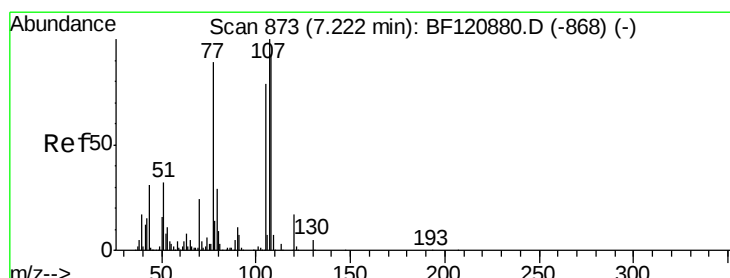
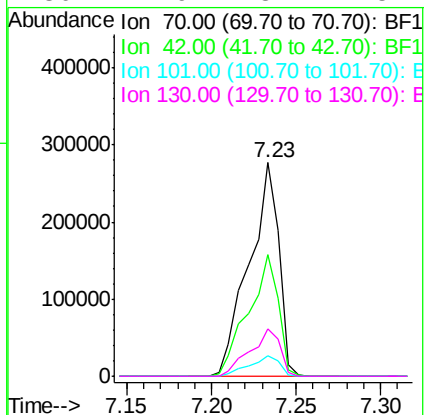
101 9.6 7.8 11.6

130 21.9 18.7 28.1

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#20

3+4-Methylphenols

Concen: 34.700 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.01 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

Tgt Ion: 107 Resp: 489846

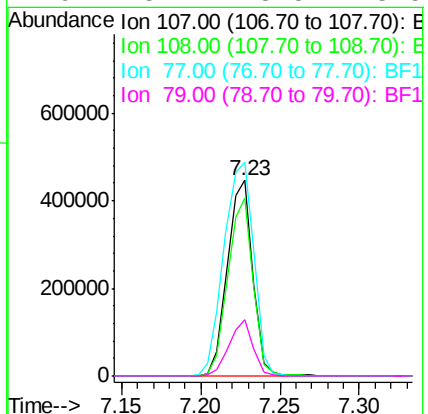
Ion Ratio Lower Upper

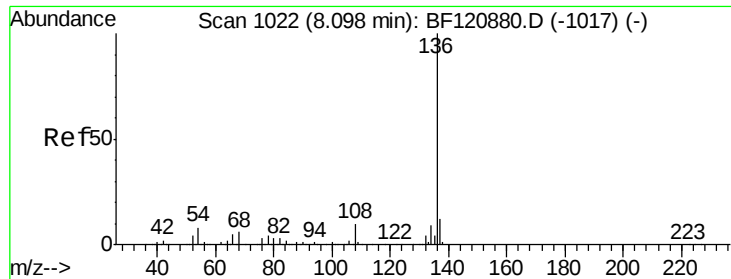
107 100

108 91.4 72.8 112.8

77 109.3 68.7 108.7#

79 28.7 8.5 48.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

Instrument :

BNA_F

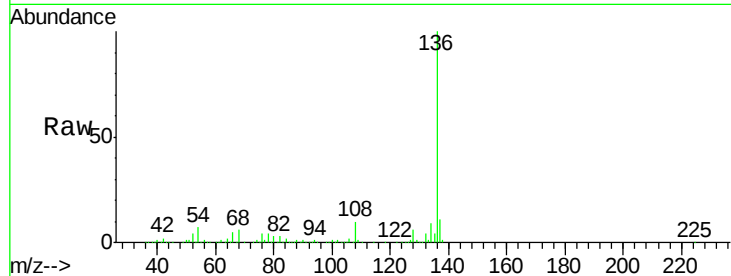
ClientSampleId :

SAMPLE-1BMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		741411		
137	11.2		9.3	13.9	
54	7.3		6.3	9.5	
68	6.0		5.0	7.4	

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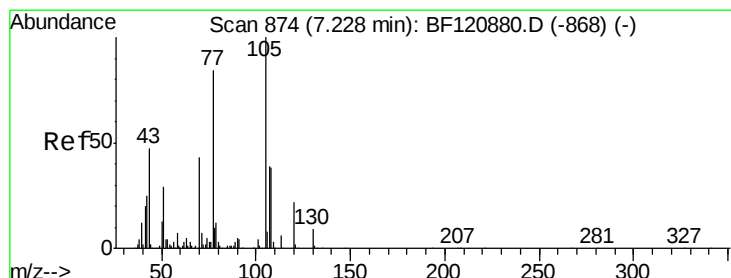
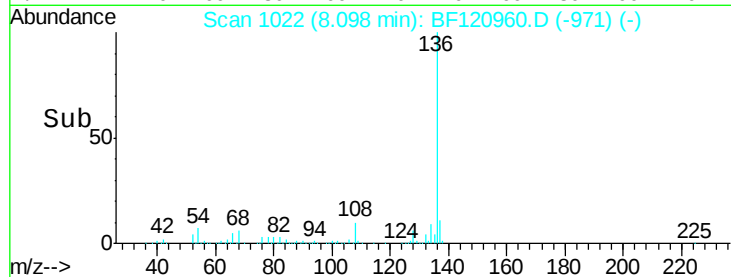
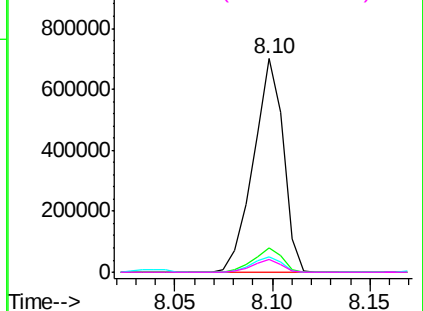


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.877 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

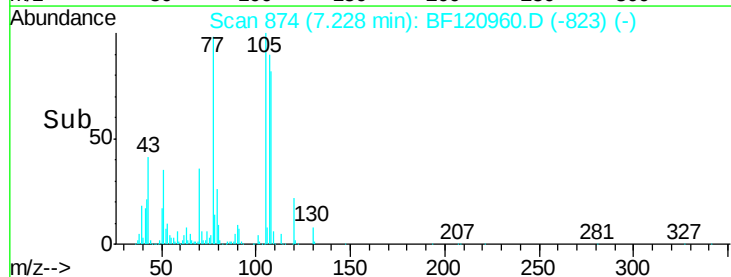
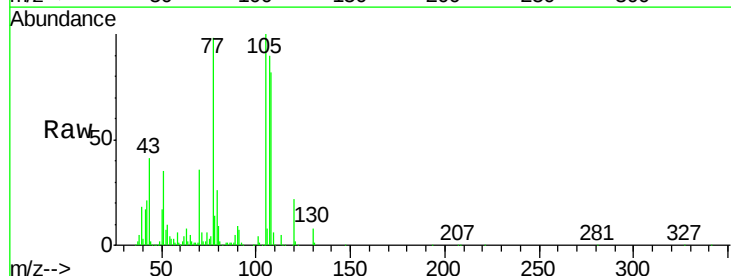
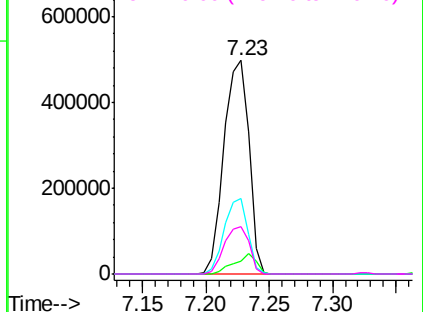
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		680175		
71	5.9		5.7	8.5	
51	35.1		22.9	34.3#	
120	22.4		18.0	27.0	

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





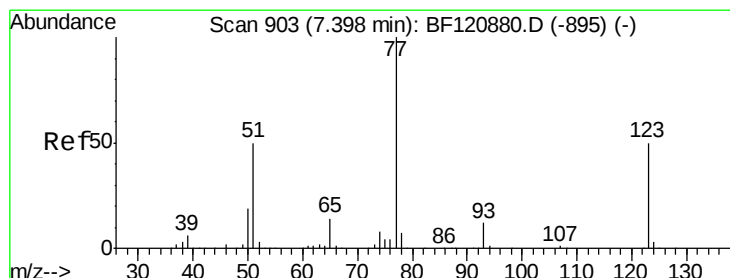
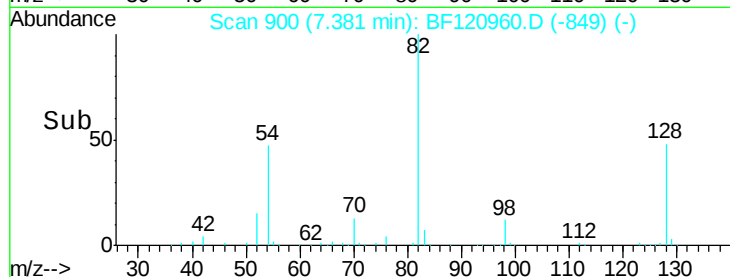
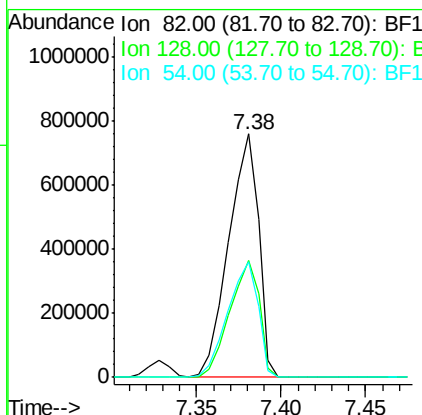
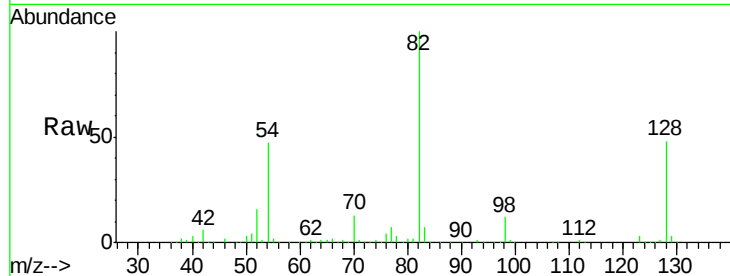
#23
Nitrobenzene-d5
Concen: 72.840 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.9	38.2	57.4
54	47.4	38.7	58.1

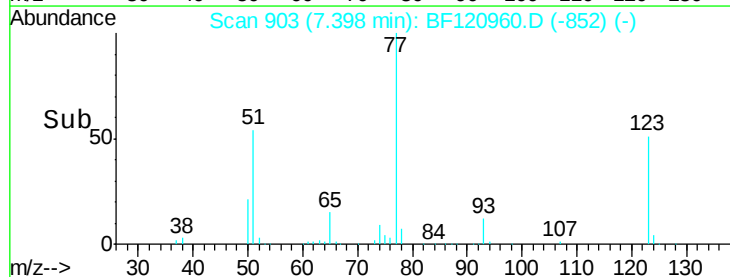
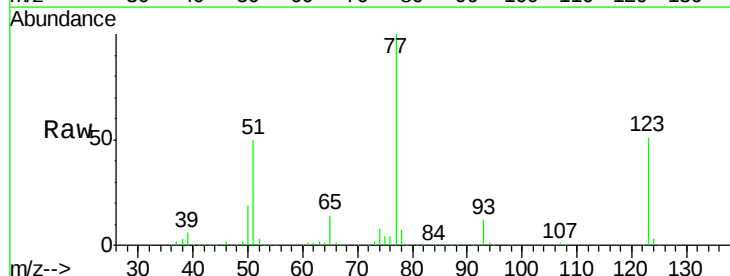
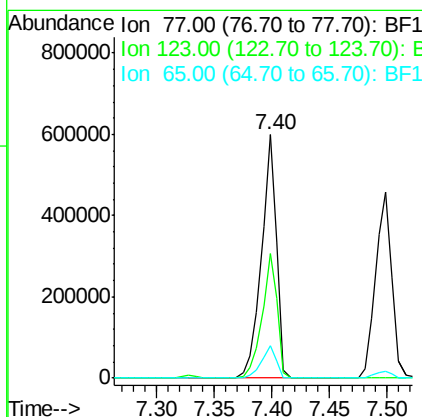
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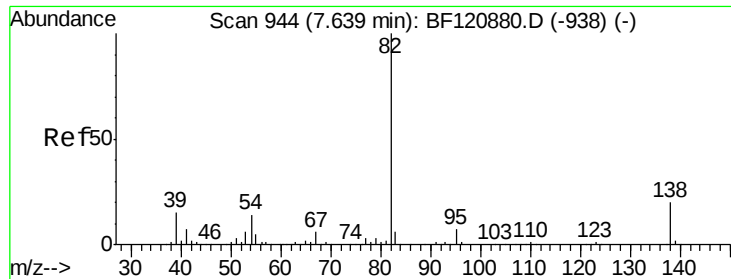
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#24
Nitrobenzene
Concen: 39.936 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.1	40.1	60.1
65	13.5	10.8	16.2





#25

Isophorone

Concen: 40.949 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMSD

Tot Ion: 82 Resp: 1047160

Ion Ratio Lower Upper

82 100

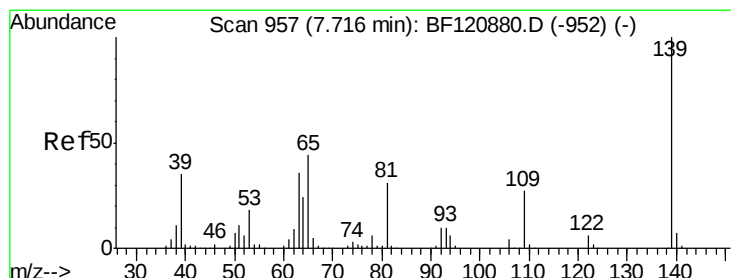
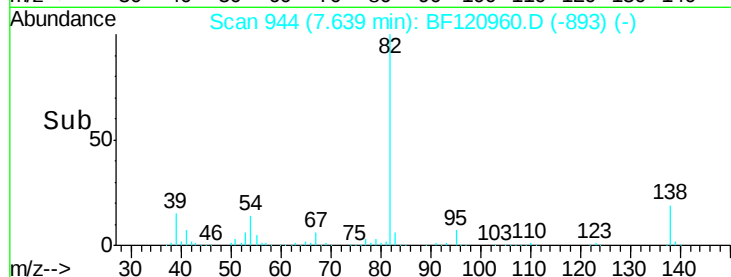
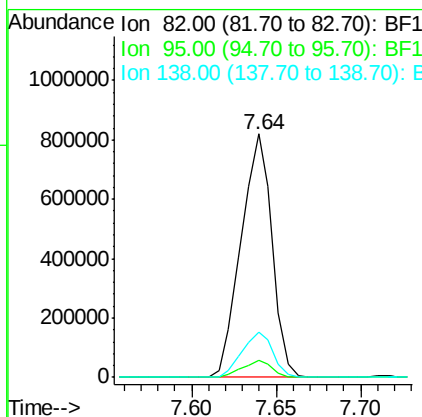
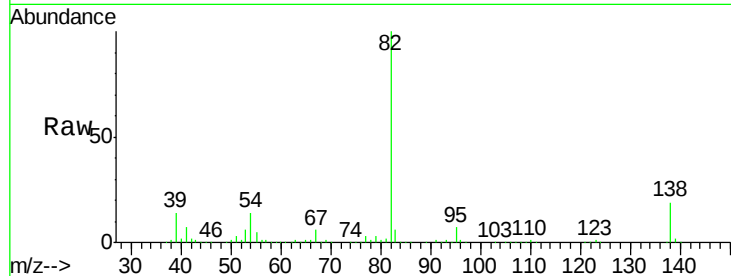
95 6.7 5.5 8.3

138 18.8 15.6 23.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.637 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

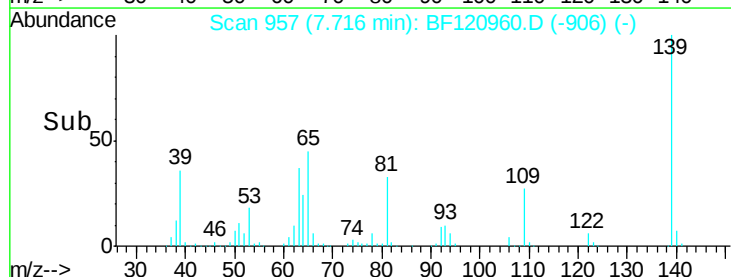
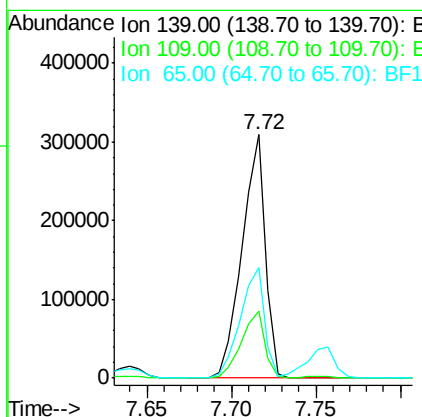
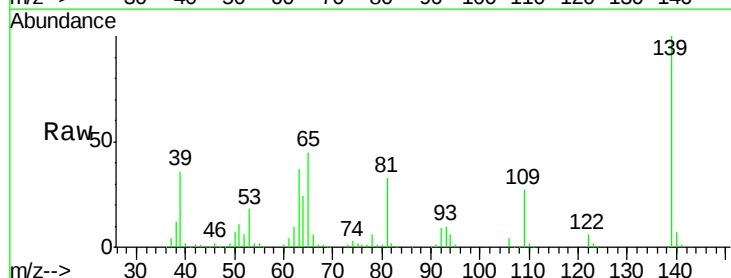
Tgt Ion: 139 Resp: 299324

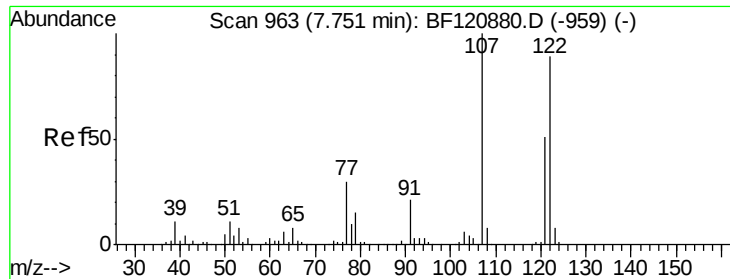
Ion Ratio Lower Upper

139 100

109 27.4 21.6 32.4

65 45.4 35.3 52.9





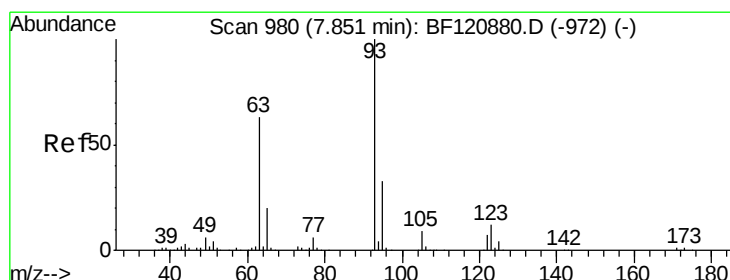
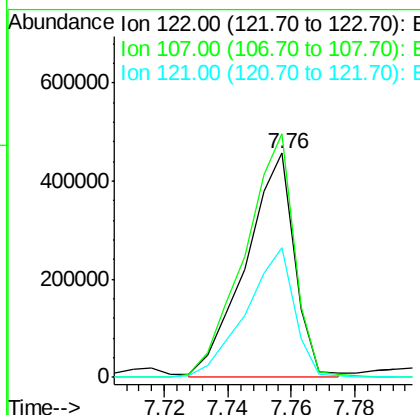
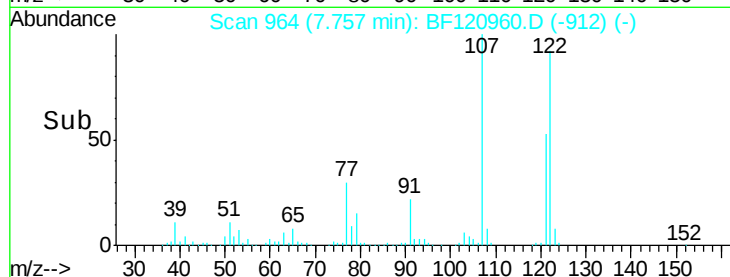
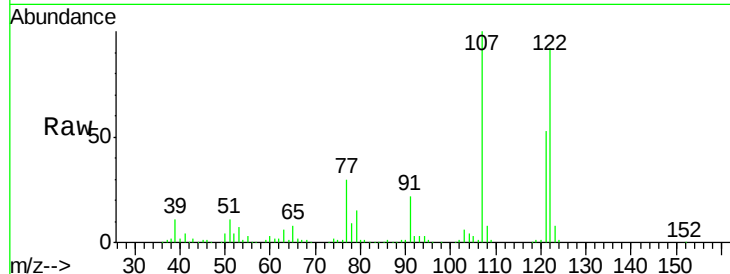
#27
2,4-Dimethylphenol
Concen: 45.961 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.01 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.5	89.4	134.0
121	57.5	46.0	69.0

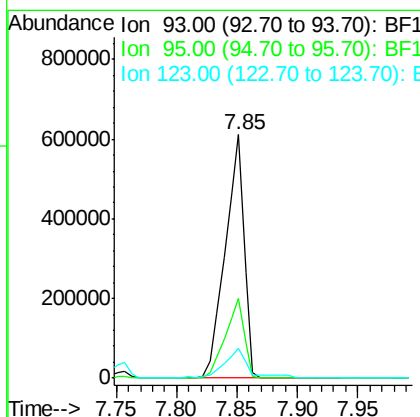
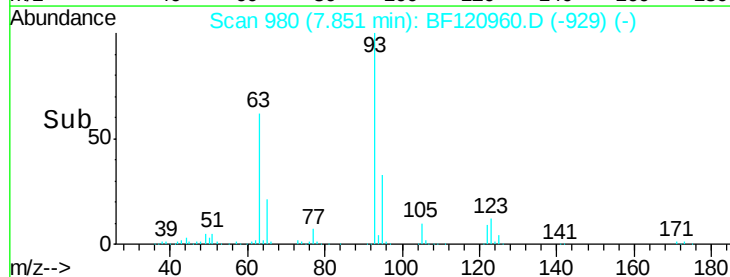
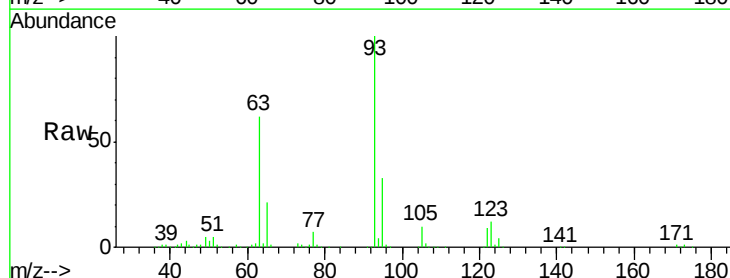
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#28
bis(2-Chloroethoxy)methane
Concen: 42.585 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.6	39.8
123	12.4	10.0	15.0





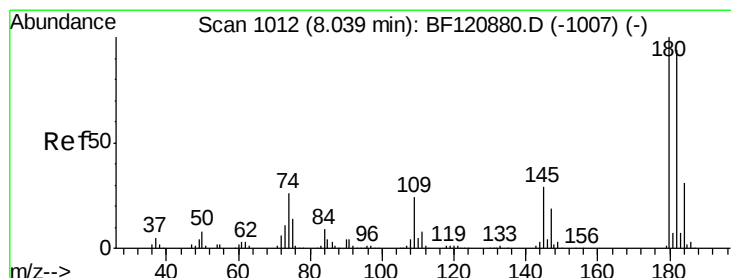
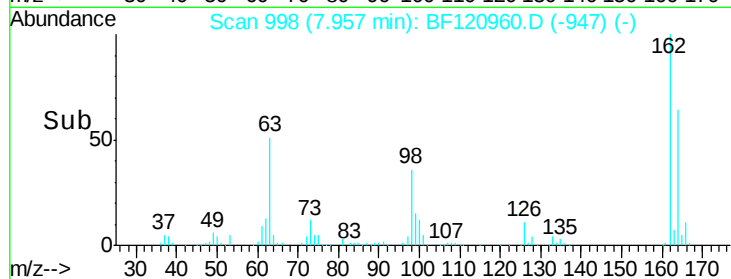
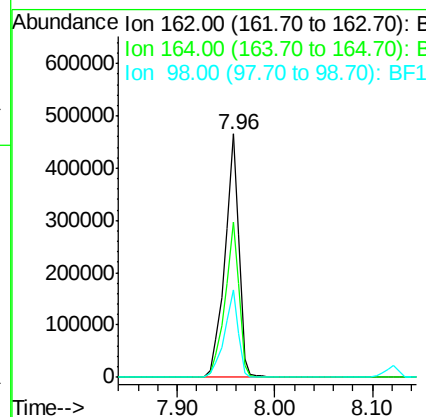
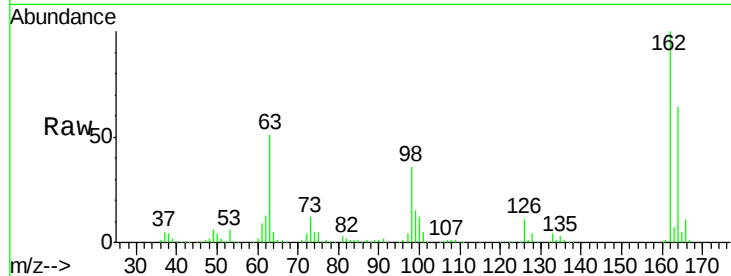
#29
2,4-Dichlorophenol
Concen: 42.756 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	465264		
164	64.0	45.3	85.3	
98	35.8	13.3	53.3	

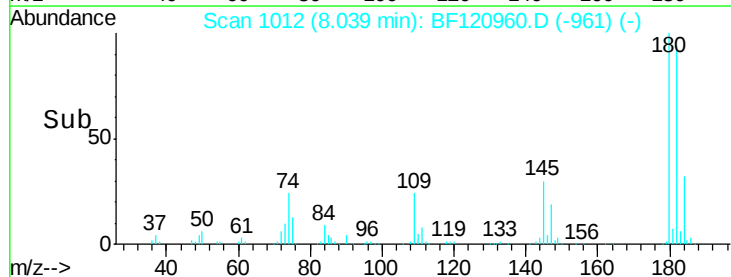
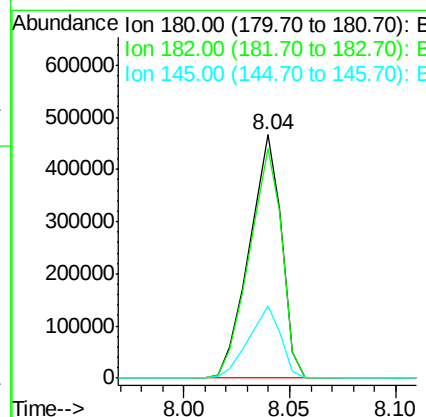
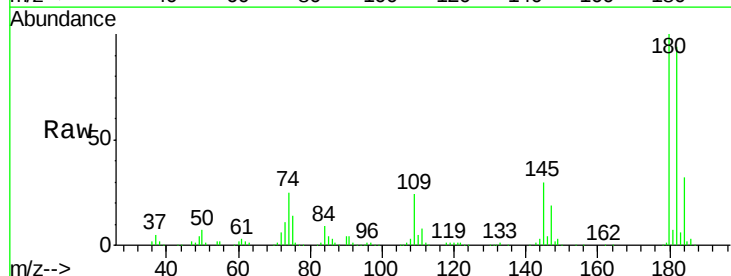
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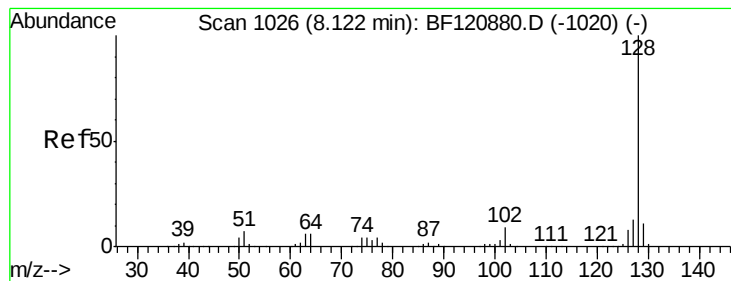
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#30
1,2,4-Trichlorobenzene
Concen: 40.896 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	493735		
182	94.5	75.0	112.6	
145	29.8	23.5	35.3	





#31

Naphthalene

Concen: 40.074 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMSD

Tot Ion:128 Resp: 1524067

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

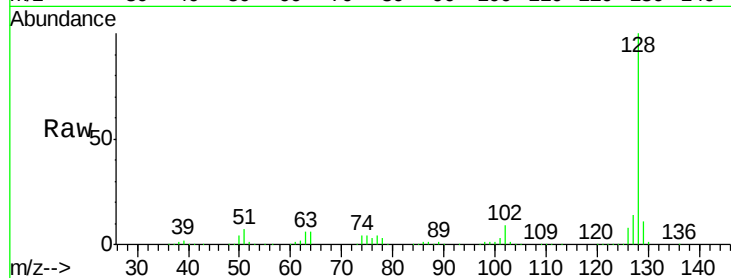
127 13.6 10.7 16.1

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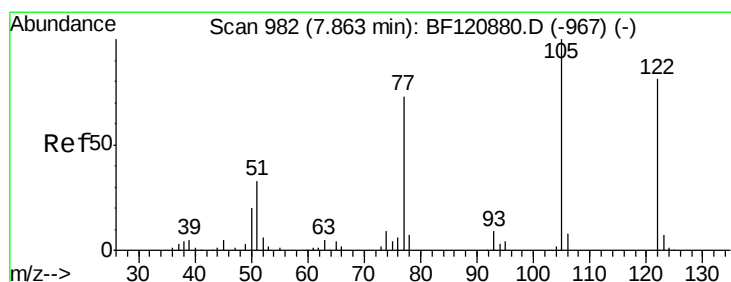
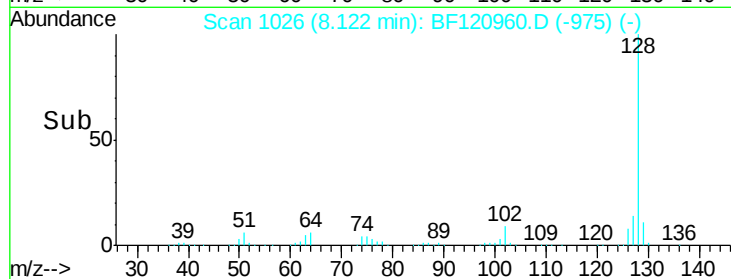
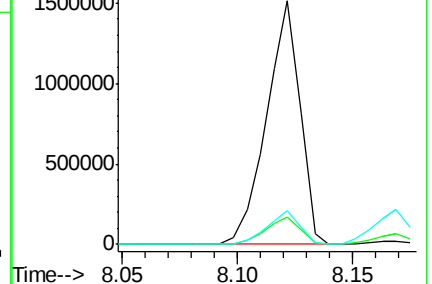
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.615 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.03 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

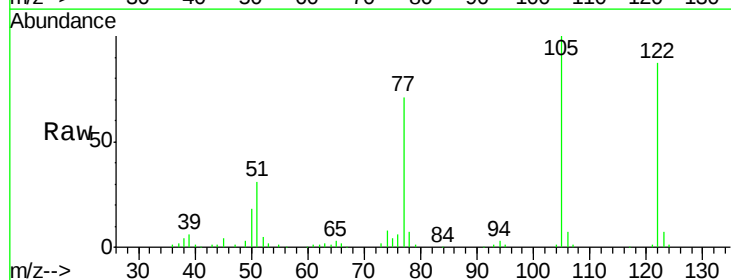
Tgt Ion:122 Resp: 364639

Ion Ratio Lower Upper

122 100

105 114.8 101.3 141.3

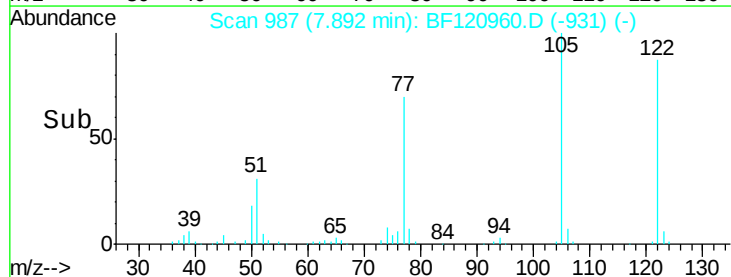
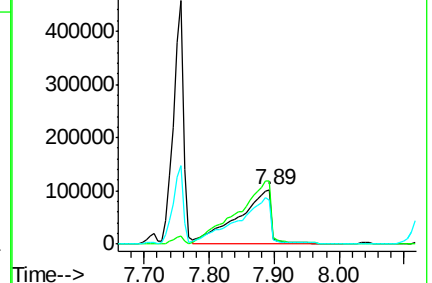
77 81.7 69.1 109.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





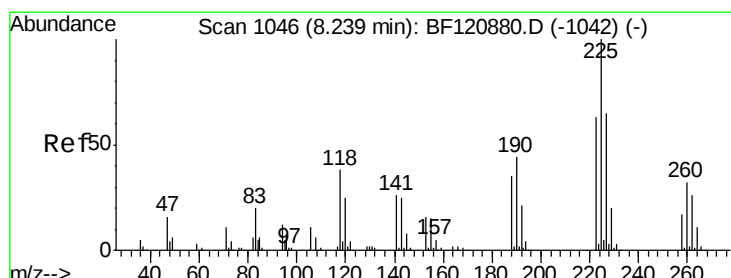
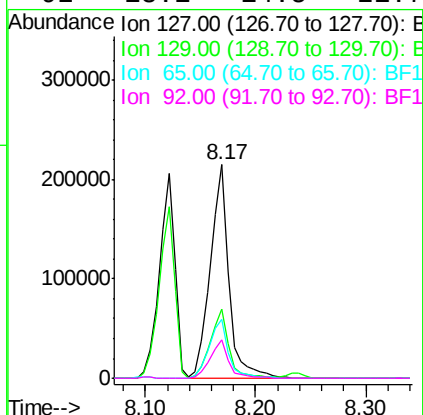
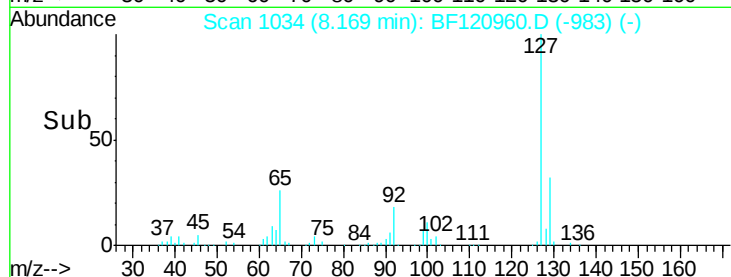
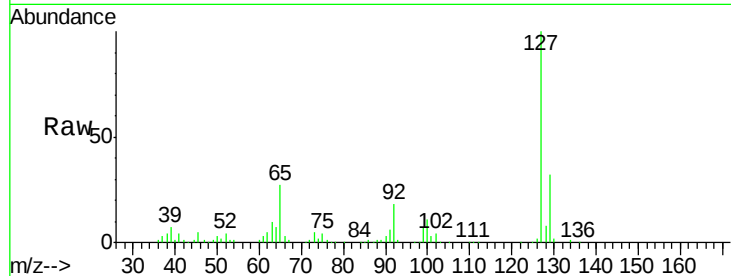
#33
4-Chloroaniline
Concen: 14.686 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		249154		
129	32.3	26.5	39.7		
65	27.4	23.0	34.4		
92	18.1	14.5	21.7		

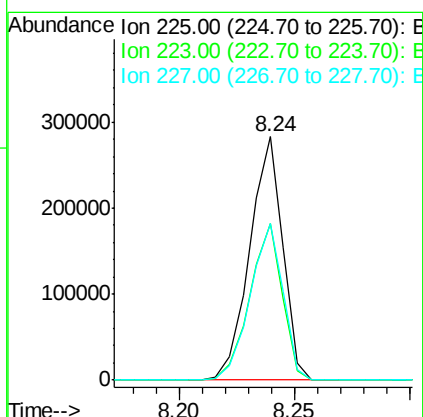
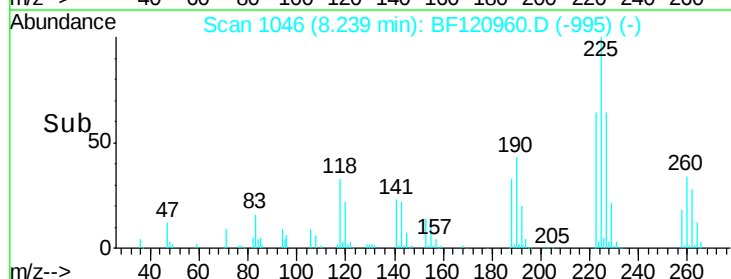
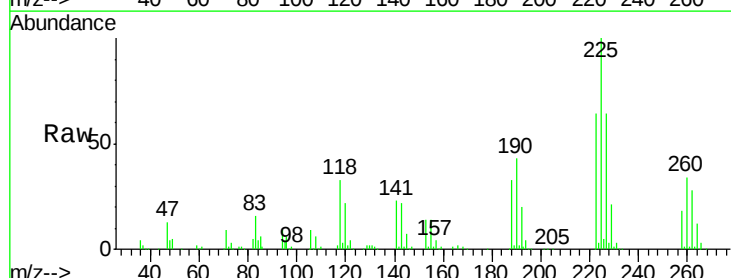
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#34
Hexachlorobutadiene
Concen: 39.616 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		281949		
223	64.2	50.6	76.0		
227	64.3	52.2	78.2		





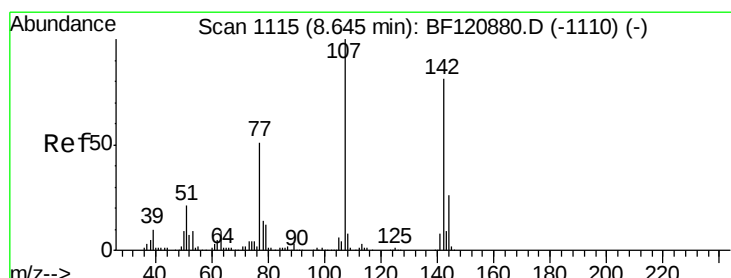
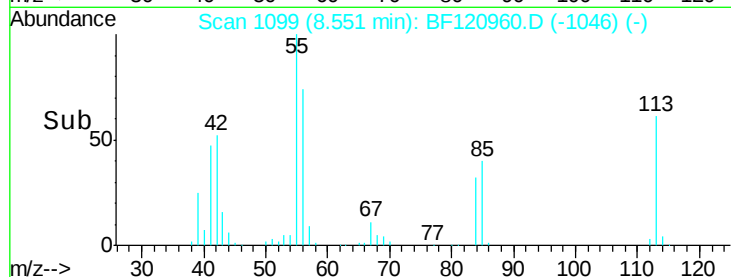
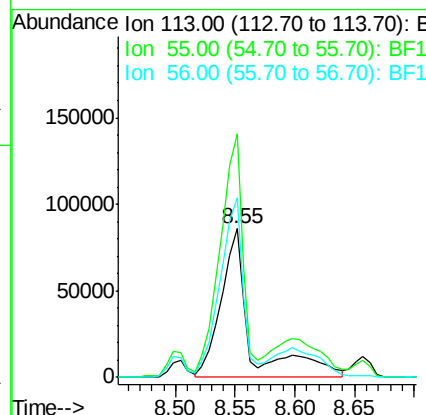
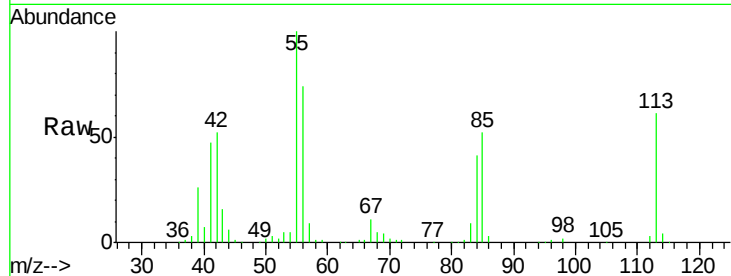
#35
Caprolactam
Concen: 43.036 ng/ml
RT: 8.55 min Scan# 1099
Delta R.T. 0.01 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	163.7	143.3	183.3
56	121.2	99.4	139.4

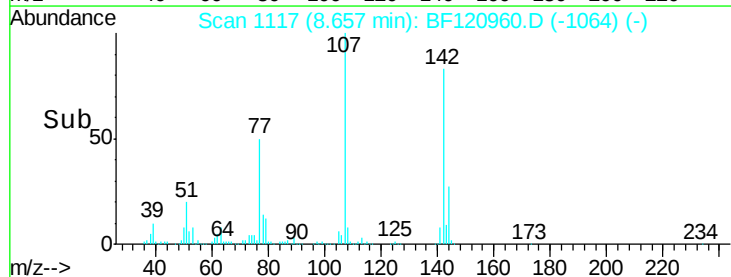
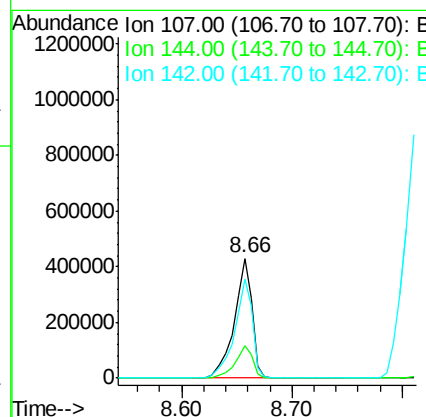
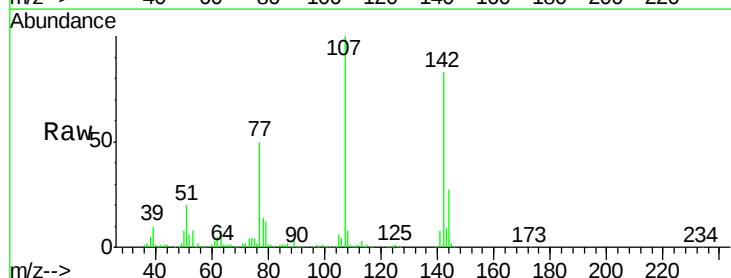
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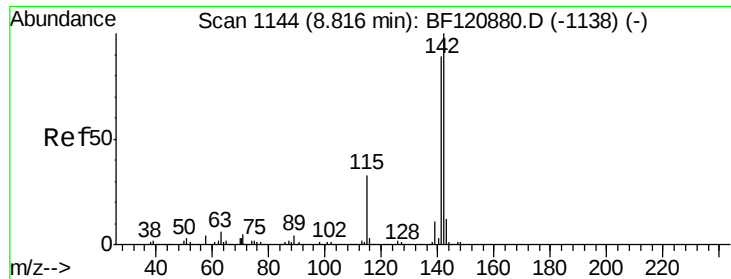
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#36
4-Chloro-3-methylphenol
Concen: 43.532 ng/ml
RT: 8.66 min Scan# 1117
Delta R.T. 0.01 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.0	21.0	31.6
142	83.0	65.0	97.6





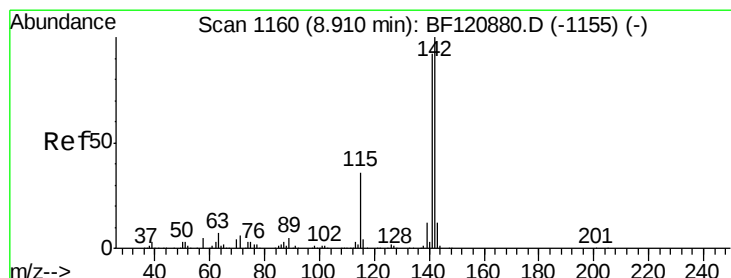
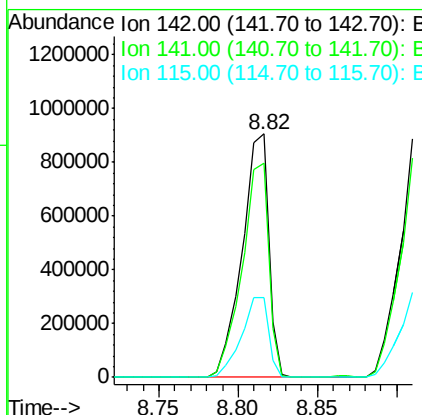
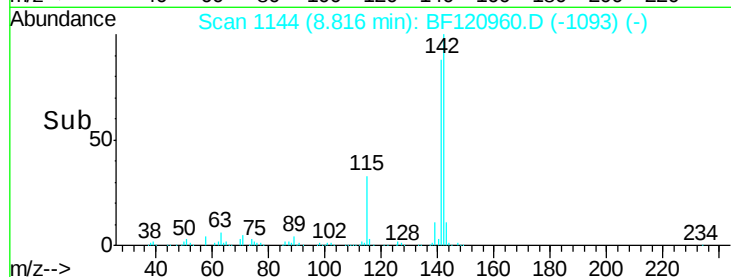
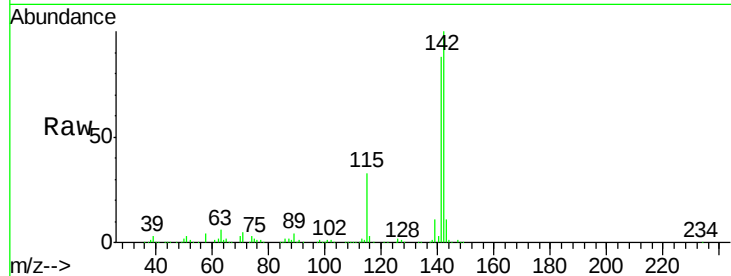
#37
2-Methylnaphthalene
Concen: 42.654 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMSD

Tot Ion:142 Resp: 1053294
Ion Ratio Lower Upper
142 100
141 88.0 71.0 106.4
115 32.8 26.0 39.0

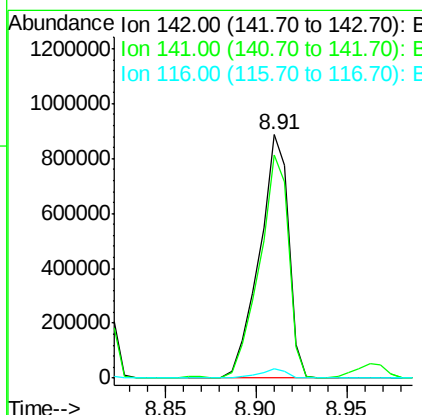
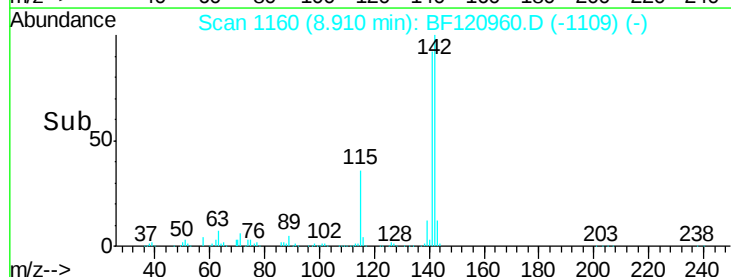
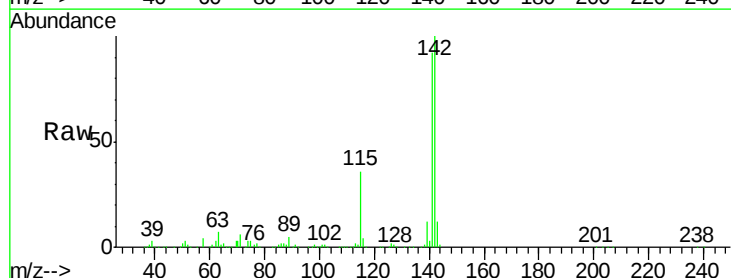
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#38
1-Methylnaphthalene
Concen: 42.360 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Tgt Ion:142 Resp: 990679
Ion Ratio Lower Upper
142 100
141 91.8 73.7 110.5
116 3.7 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMSD

Tot Ion:164 Resp: 399658

Ion Ratio Lower Upper

164 100

162 100.9 81.2 121.8

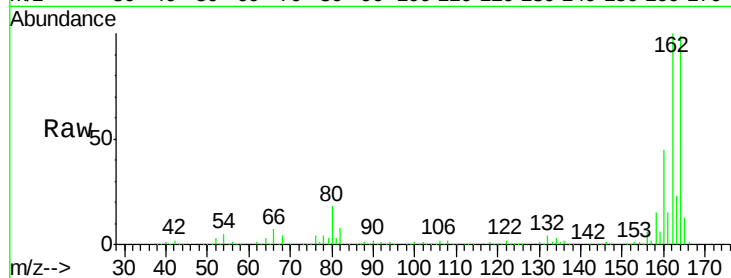
160 45.7 36.9 55.3

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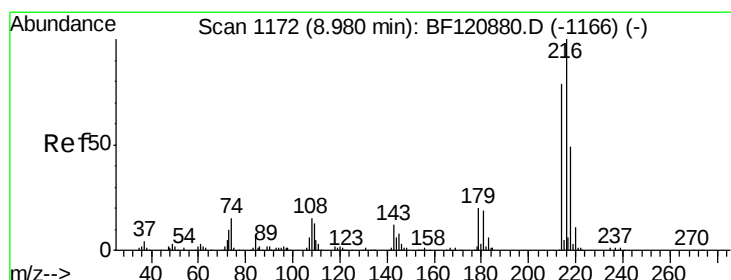
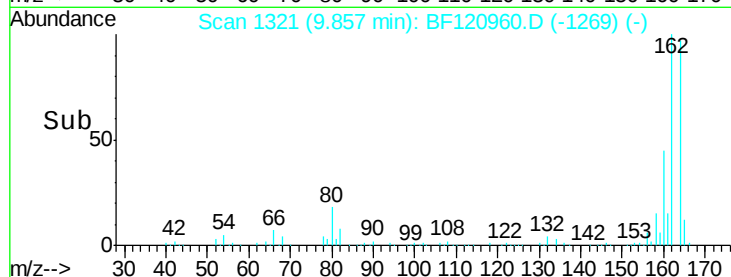
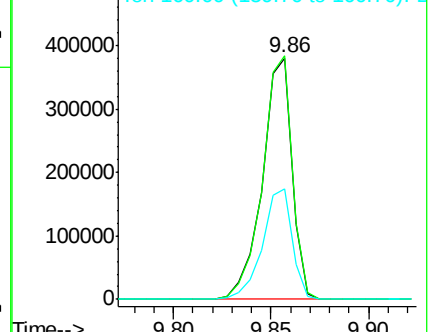


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.436 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

Tgt Ion:216 Resp: 459201

Ion Ratio Lower Upper

216 100

214 78.4 63.8 95.8

179 20.6 16.6 24.8

108 20.6 15.4 23.0

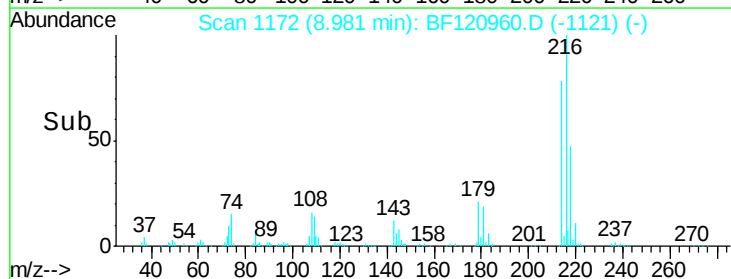
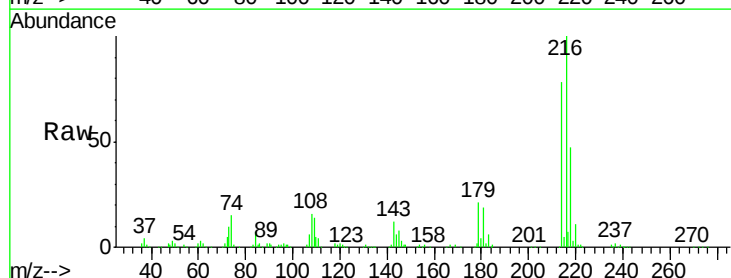
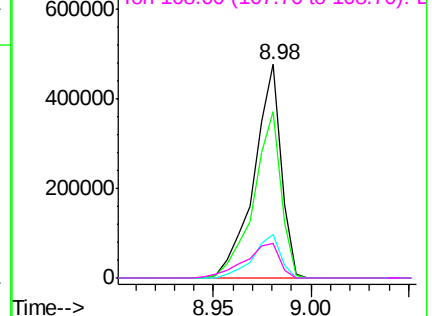
Abundance

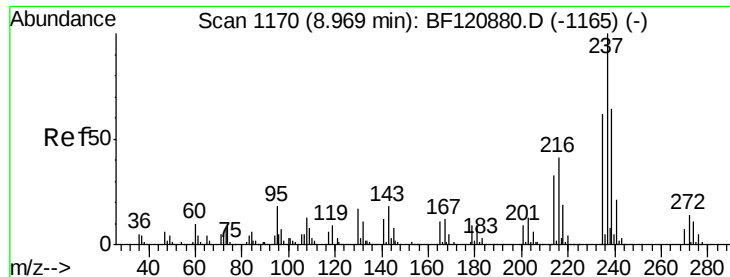
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 78.439 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

Instrument :

BNA_F

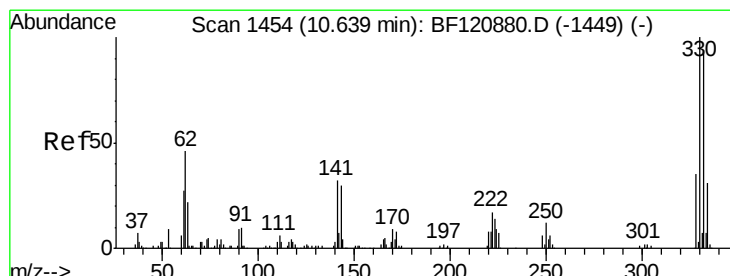
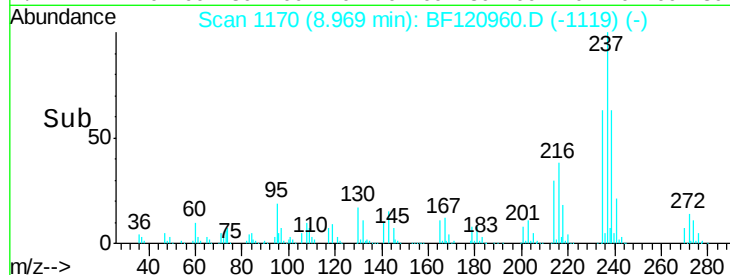
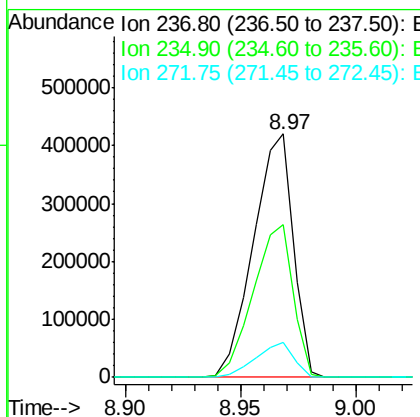
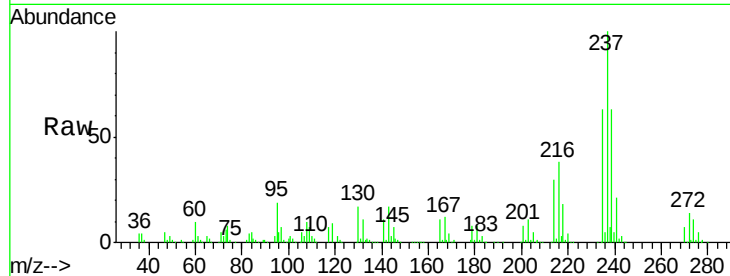
ClientSampleId :

SAMPLE-1BMSD

Tot Ion:	237	Resp:	504803
Ion Ratio	Lower	Upper	
237	100		
235	62.8	41.6	81.6
272	14.2	0.0	33.7

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#42

2,4,6-Tribromophenol

Concen: 103.542 ng

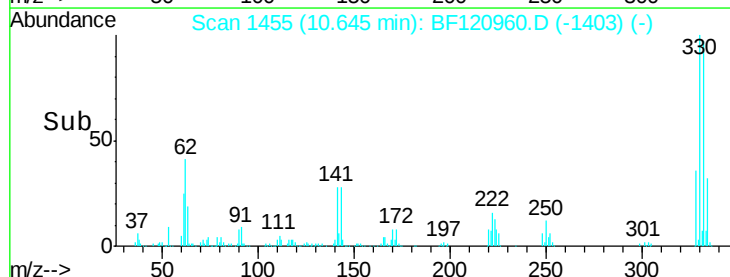
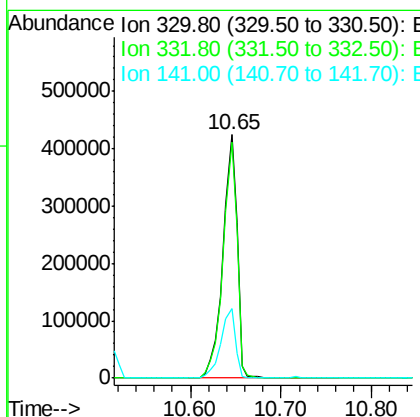
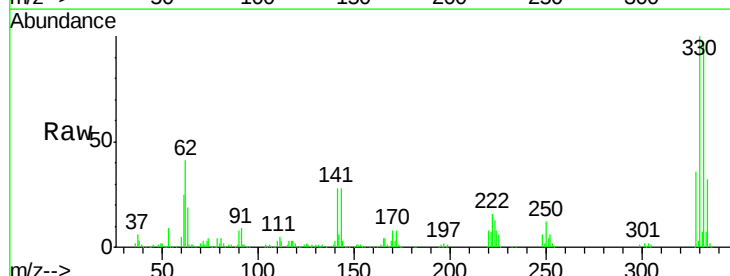
RT: 10.65 min Scan# 1455

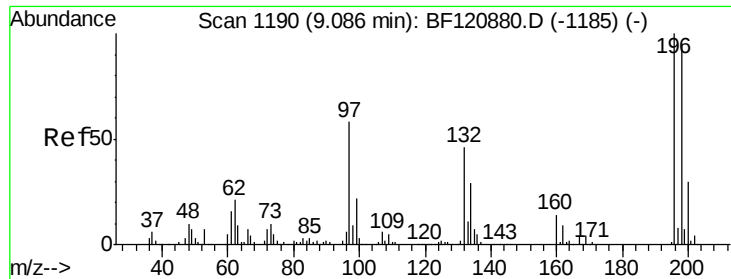
Delta R.T. 0.01 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

Tgt Ion:	330	Resp:	452962
Ion Ratio	Lower	Upper	
330	100		
332	96.4	75.5	113.3
141	29.6	25.7	38.5





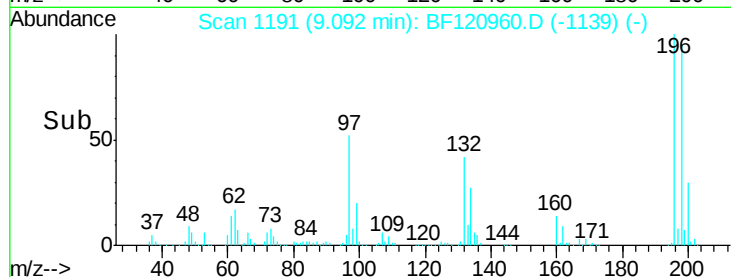
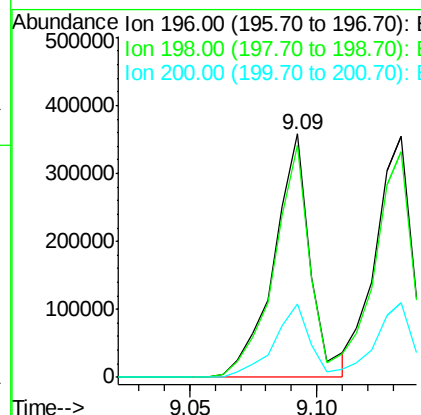
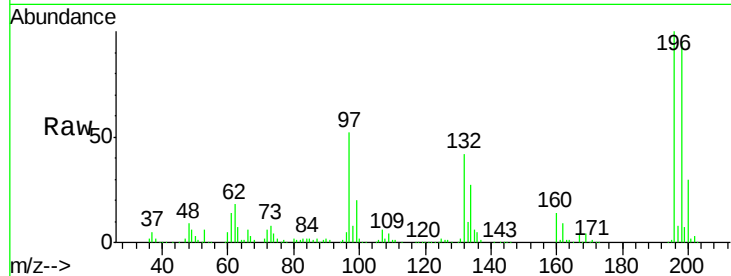
#43
 2,4,6-Trichlorophenol
 Concen: 43.888 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF120960.D
 Acq: 21 Jul 2020 18:18

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1BMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	359822		
198	95.1	75.7	113.5	
200	30.3	24.4	36.6	

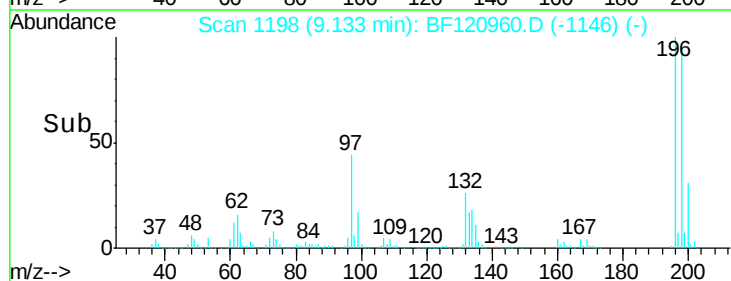
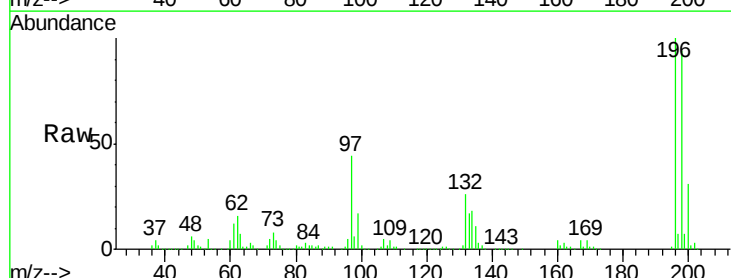
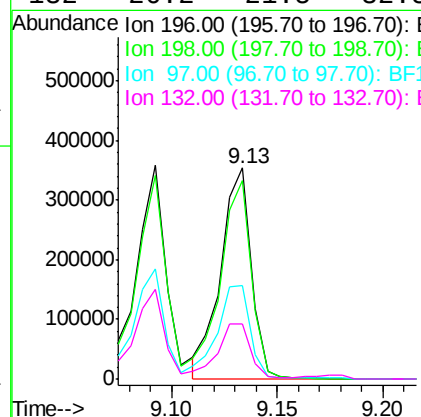
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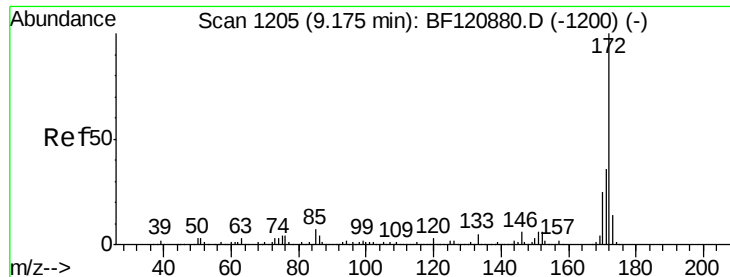
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#44
 2,4,5-Trichlorophenol
 Concen: 38.279 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF120960.D
 Acq: 21 Jul 2020 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	355997		
198	93.7	77.6	116.4	
97	44.4	35.6	53.4	
132	26.2	21.5	32.3	





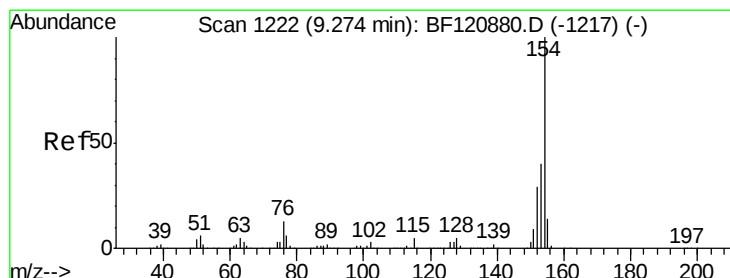
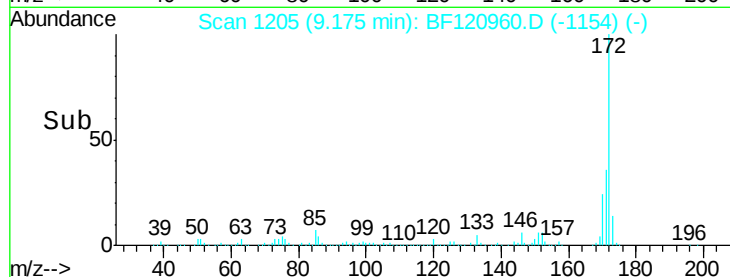
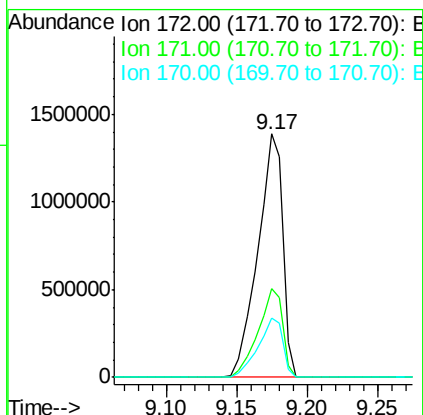
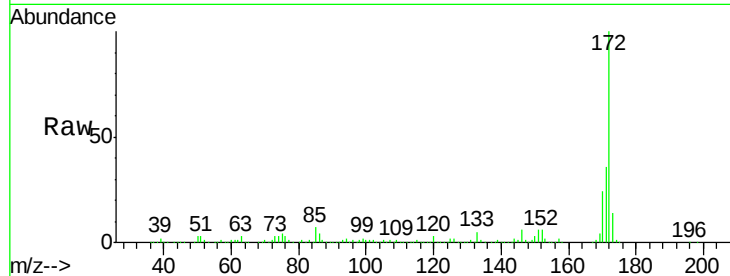
#45
2-Fluorobiphenyl
Concen: 64.550 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.4
170	24.4	19.6	29.4

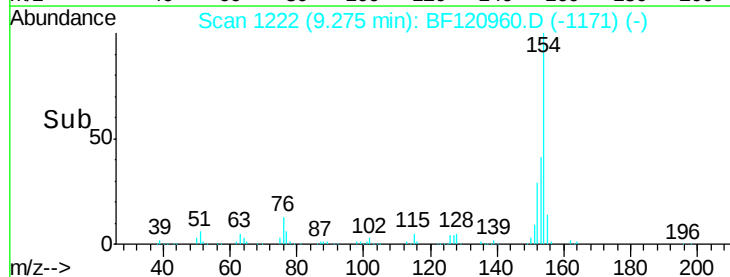
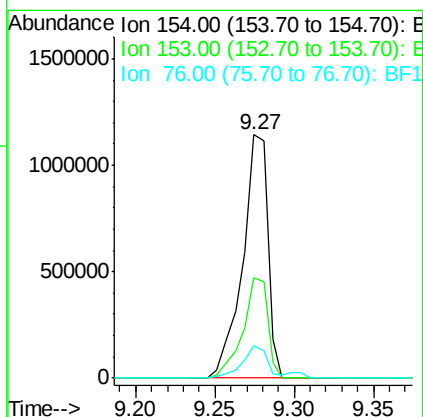
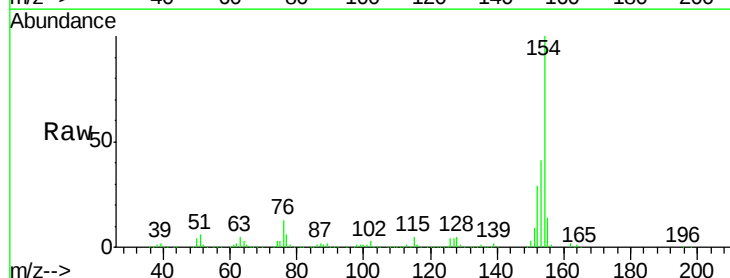
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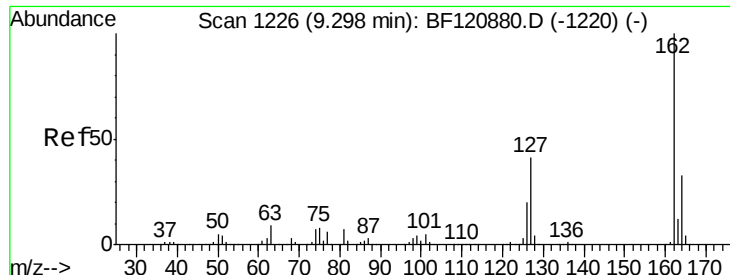
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#46
1,1'-Biphenyl
Concen: 41.310 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.4	60.4
76	13.3	0.0	33.1





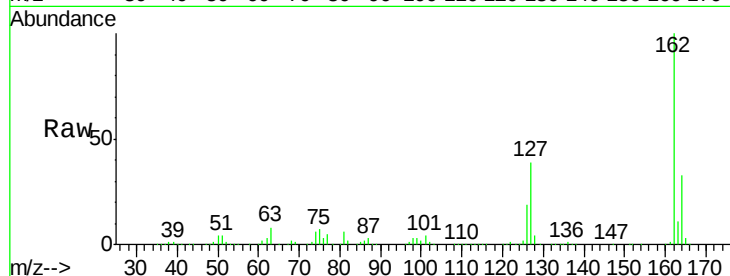
#47
2-Chloronaphthalene
Concen: 39.564 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.01 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMSD

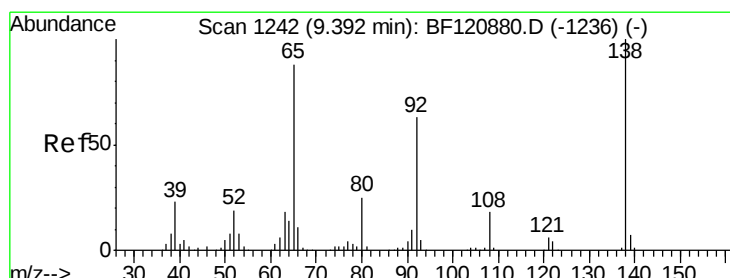
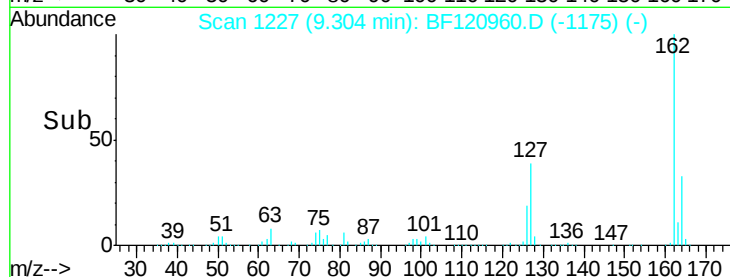
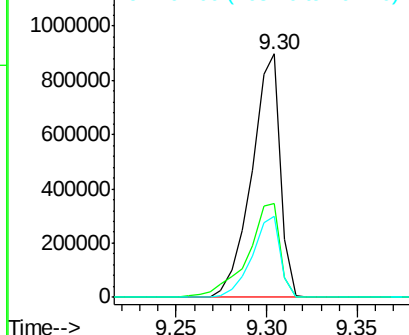
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		983370		
127	38.8		33.3	49.9	
164	33.4		26.6	39.8	

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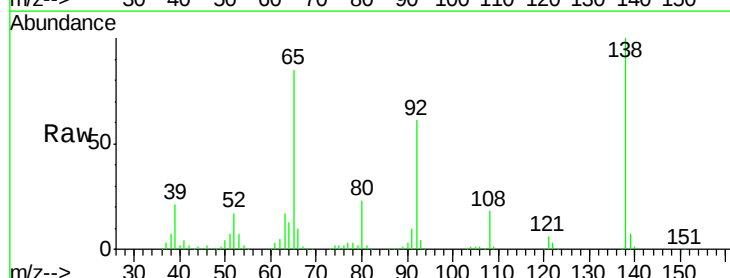


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

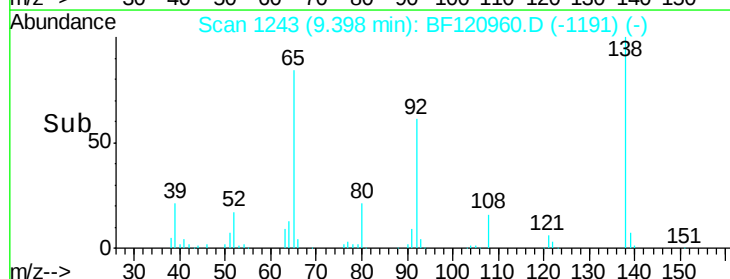
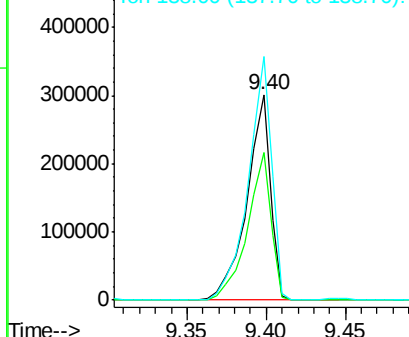


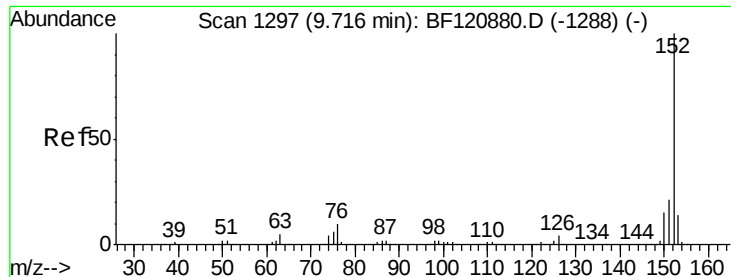
#48
2-Nitroaniline
Concen: 41.416 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.01 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		311090		
92	71.9		57.0	85.4	
138	118.3		90.4	135.6	



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





#49

Acenaphthylene

Concen: 40.902 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMSD

Tot Ion:152 Resp: 1579353

Ion Ratio Lower Upper

152 100

151 21.0 16.6 25.0

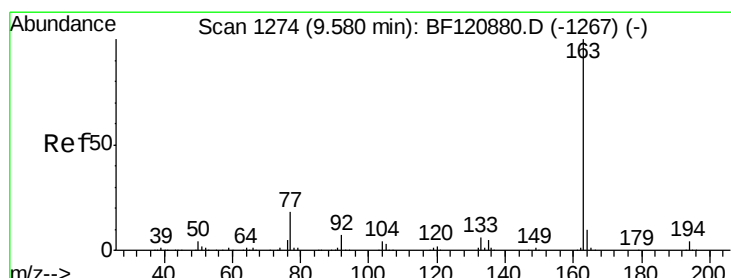
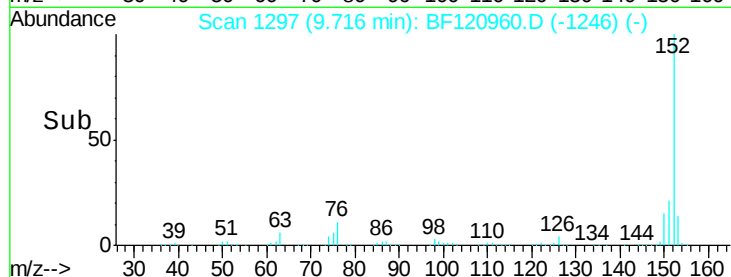
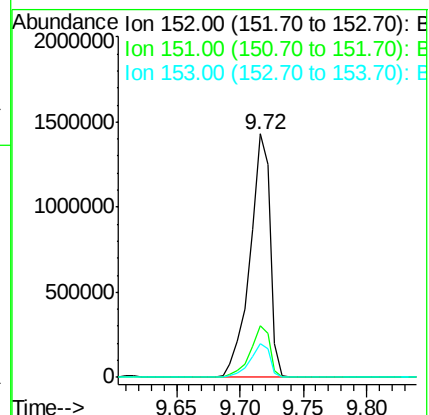
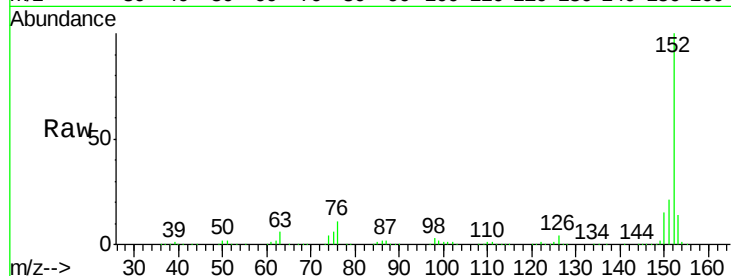
153 13.8 10.9 16.3

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#50

Dimethylphthalate

Concen: 49.475 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

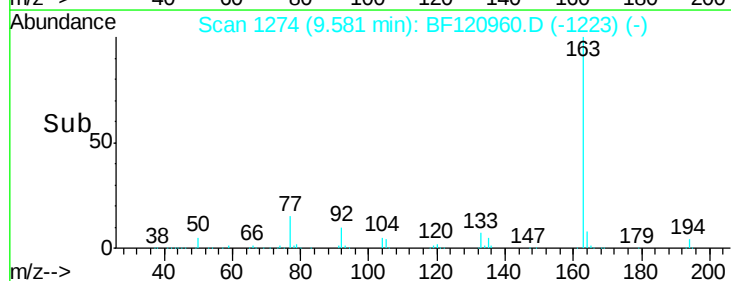
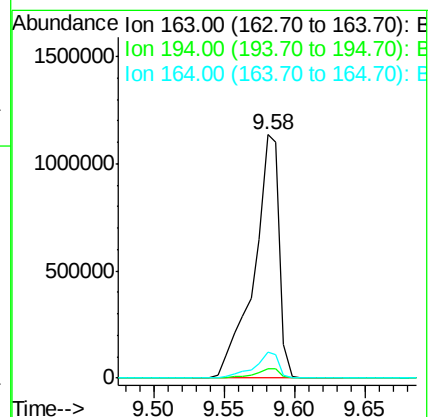
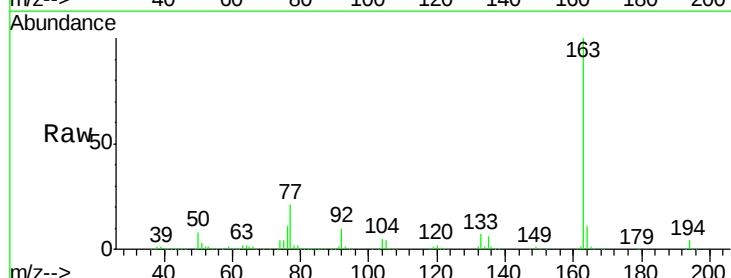
Tgt Ion:163 Resp: 1426503

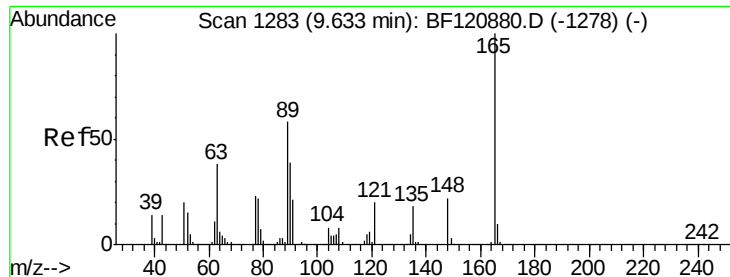
Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

164 10.7 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 43.412 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMSD

Tot Ion:165 Resp: 268913

Ion Ratio Lower Upper

165 100

63 52.7 45.4 68.2

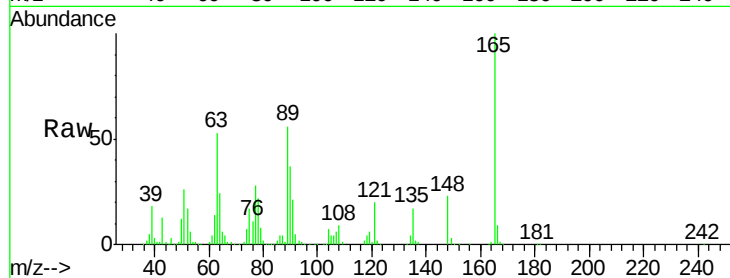
89 56.4 47.0 70.4

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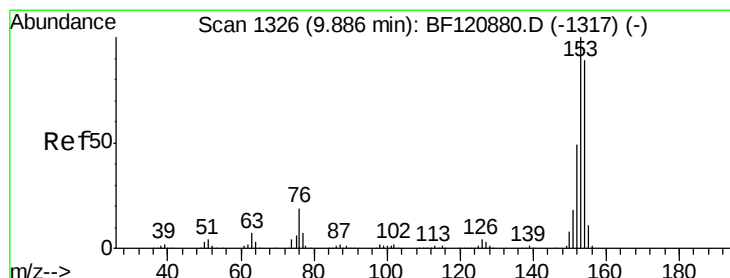
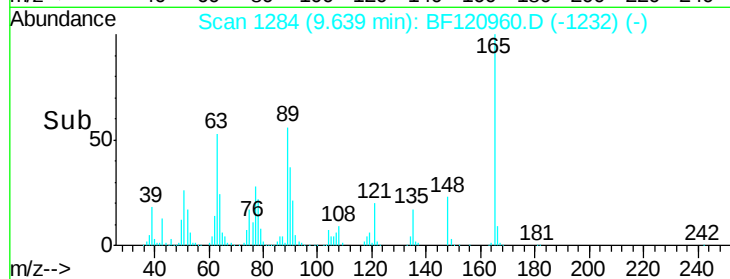
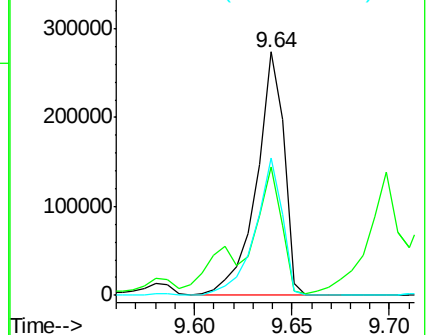
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 43.314 ng m

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

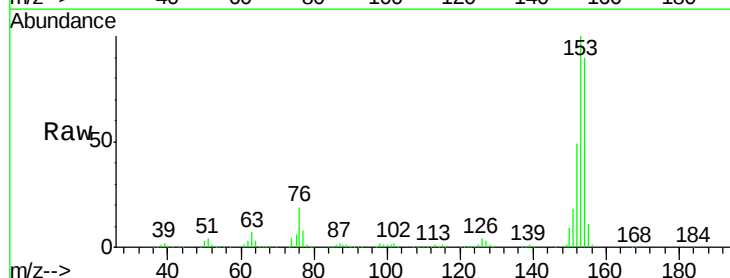
Tgt Ion:154 Resp: 1063316

Ion Ratio Lower Upper

154 100

153 111.2 89.5 134.3

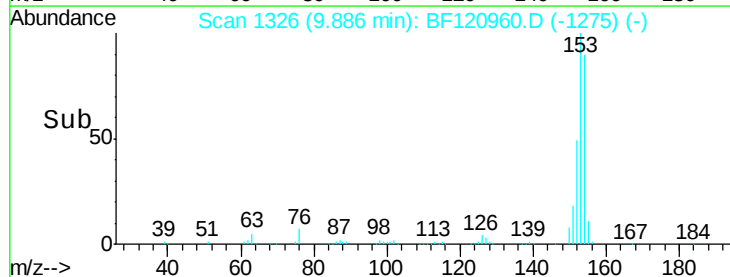
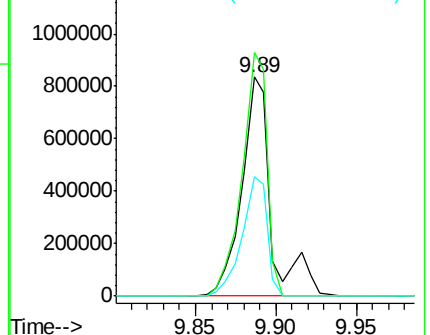
152 54.4 44.2 66.2

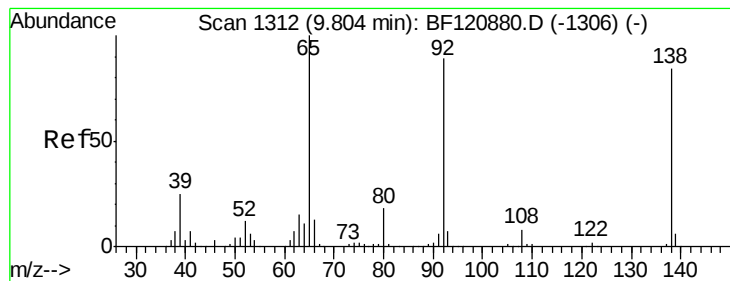


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 17.197 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

Instrument :

BNA_F

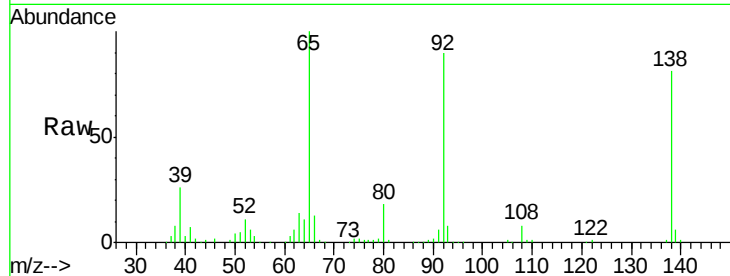
ClientSampleId :

SAMPLE-1BMSD

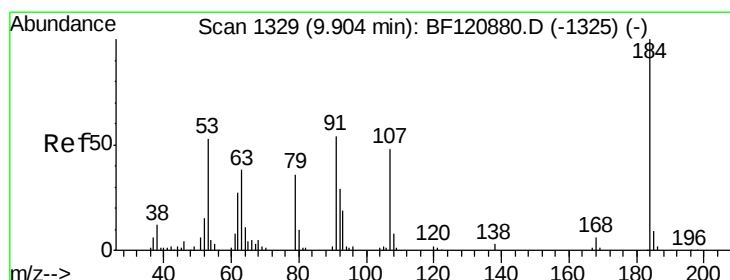
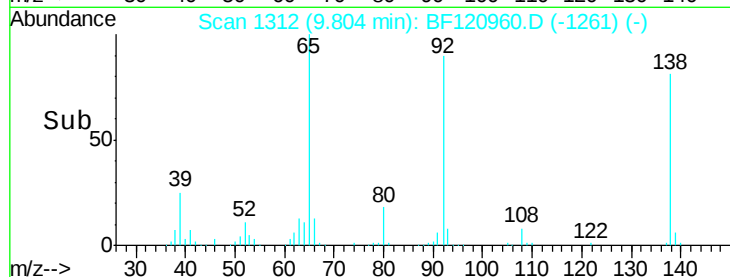
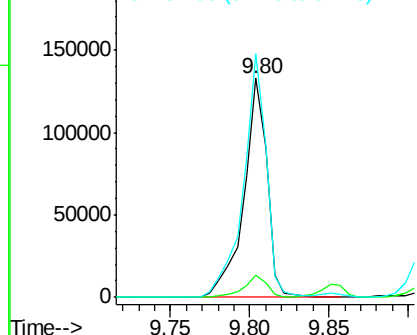
Tot Ion:	138	Resp:	133601
Ion Ratio	Lower	Upper	
138	100		
108	10.2	7.9	11.9
92	111.2	85.3	127.9

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



#54

2,4-Dinitrophenol

Concen: 75.384 ng

RT: 9.92 min Scan# 1331

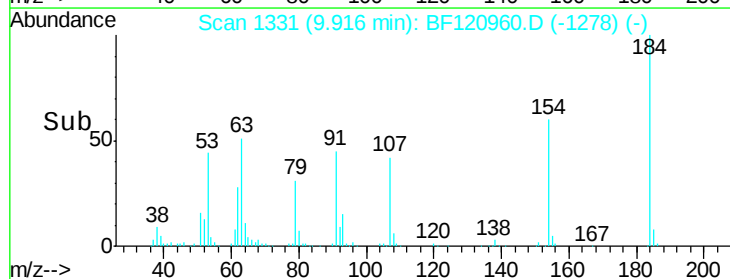
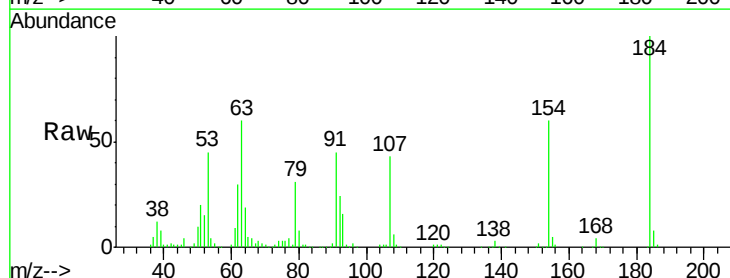
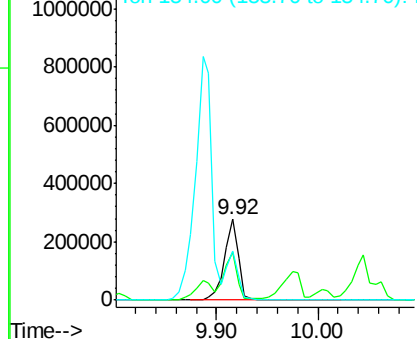
Delta R.T. 0.01 min

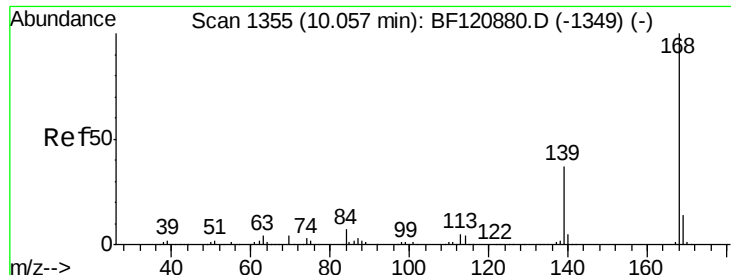
Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

Tgt Ion:	184	Resp:	267248
Ion Ratio	Lower	Upper	
184	100		
63	59.6	57.9	86.9
154	60.0	52.6	78.8

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





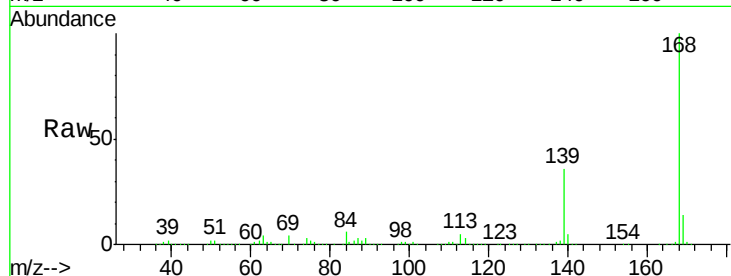
#55
Dibenzenofuran
Concen: 39.785 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMSD

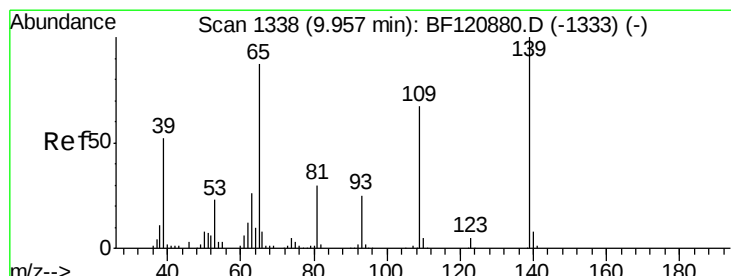
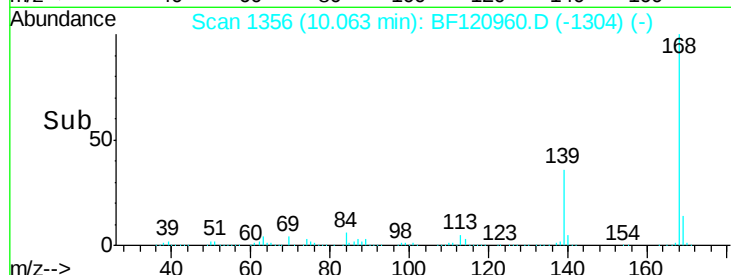
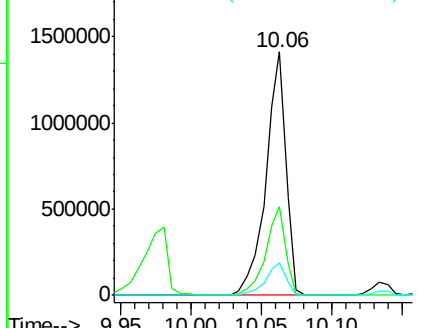
Tot Ion	Ratio	Lower	Upper
168	100		
139	36.4	29.7	44.5
169	13.5	11.1	16.7

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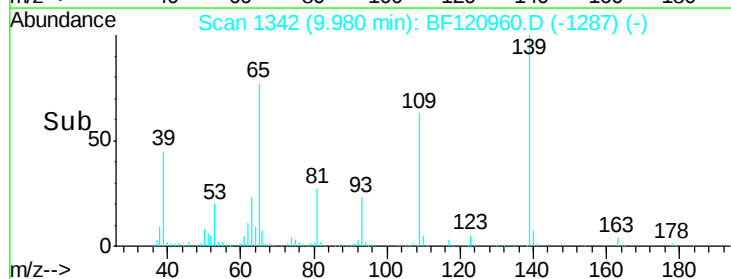
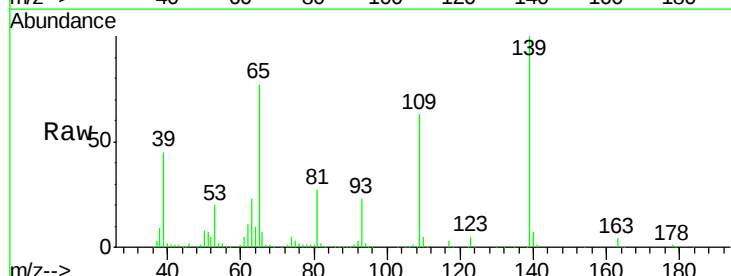
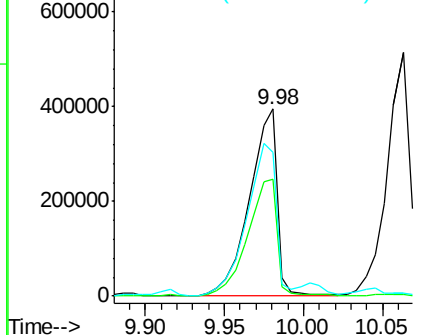
Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

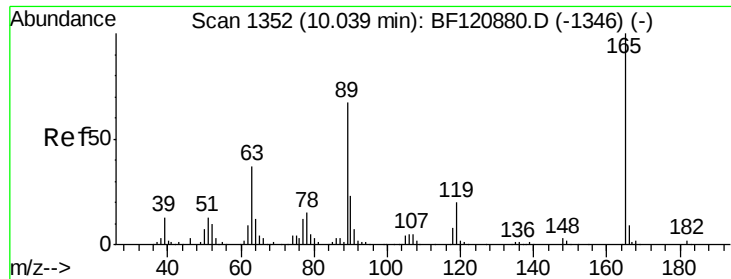


#56
4-Nitrophenol
Concen: 82.114 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.02 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.8	47.3	87.3
65	77.1	67.2	107.2

Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





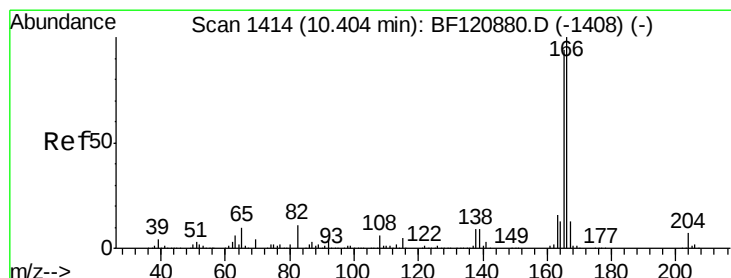
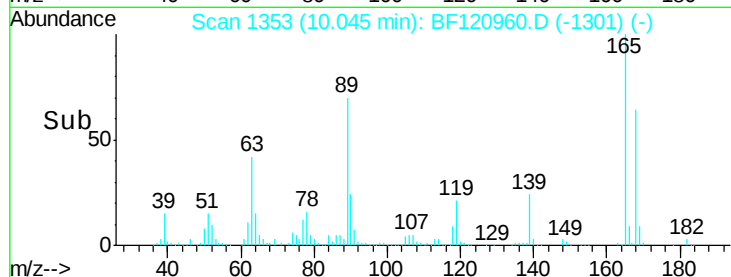
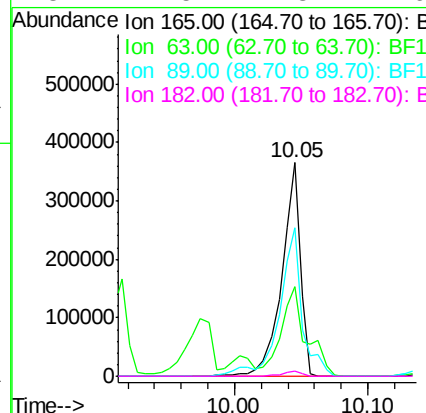
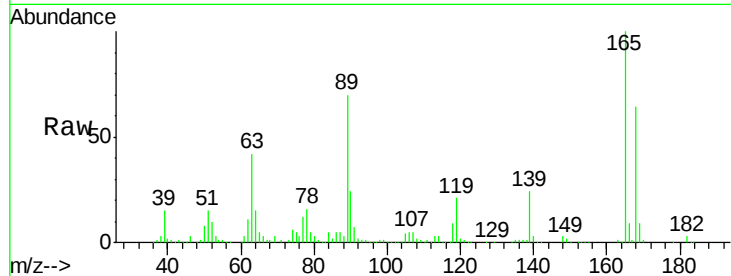
#57
2,4-Dinitrotoluene
Concen: 43.928 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	357341		
63	42.3	29.4	44.2	
89	69.5	53.4	80.0	
182	2.5	1.8	2.6	

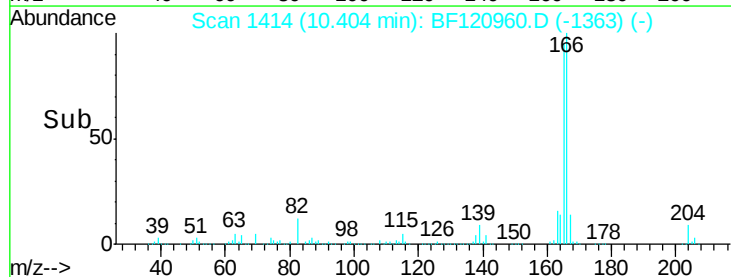
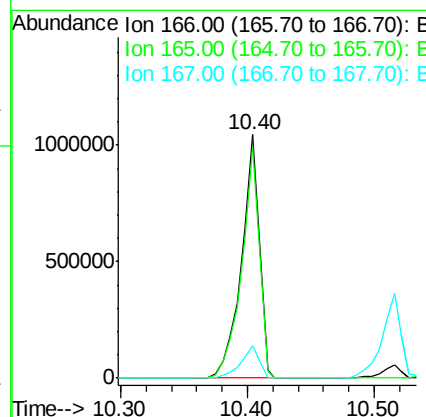
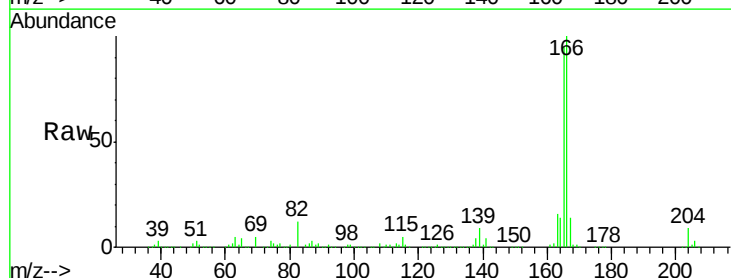
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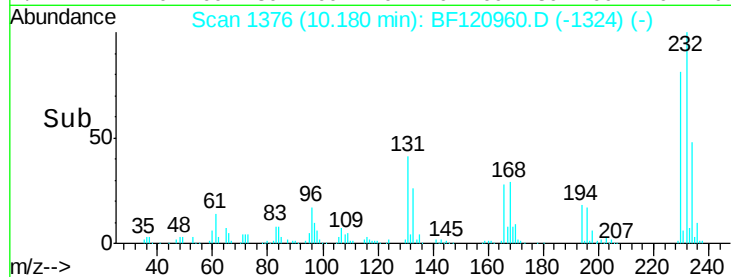
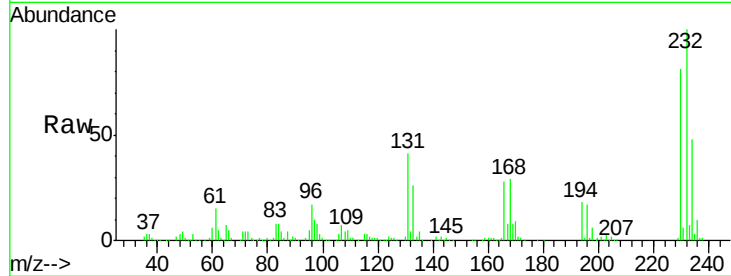
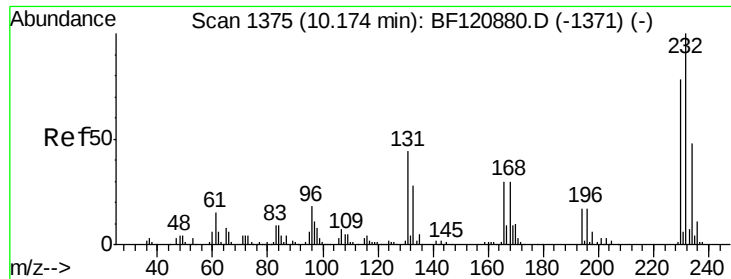
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#58
Fluorene
Concen: 38.023 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1006743		
165	94.8	75.4	113.0	
167	13.5	10.6	15.8	





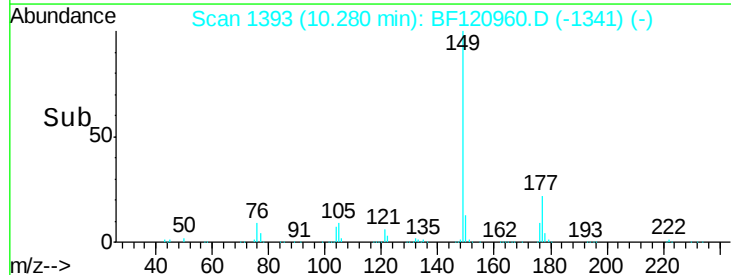
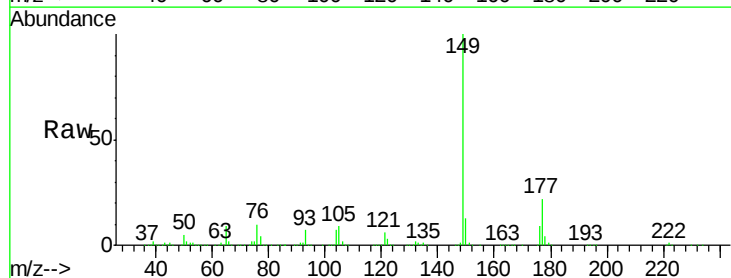
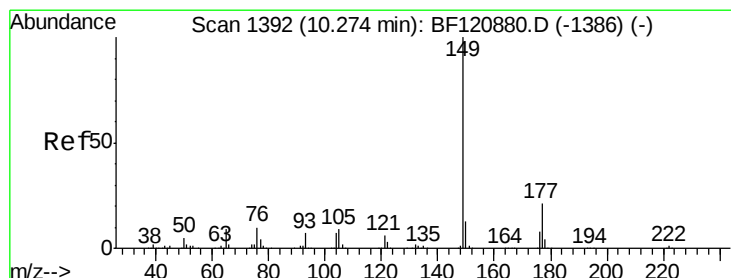
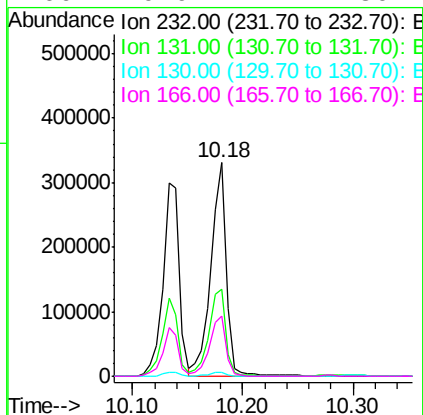
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.403 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.01 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.9	37.1	55.7
130	2.2	1.7	2.5
166	29.9	24.2	36.4

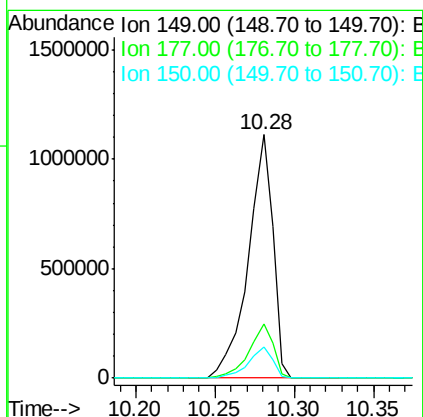
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#60
Diethylphthalate
Concen: 41.256 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.1	25.7
150	12.7	10.3	15.5





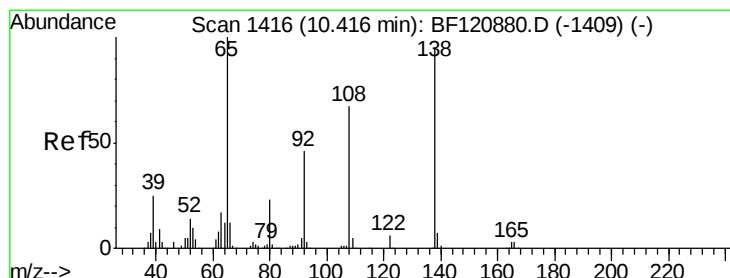
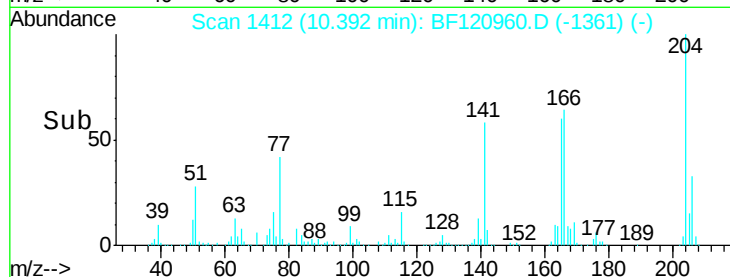
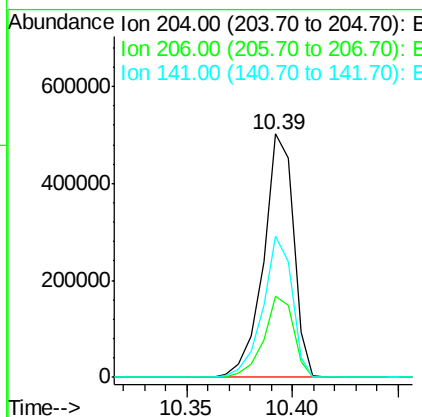
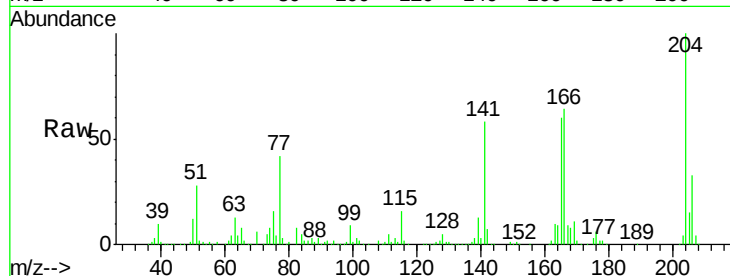
#61
 4-Chlorophenyl-phenylether
 Concen: 35.201 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF120960.D
 Acq: 21 Jul 2020 18:18

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1BMSD

Tot Ion:	204	Resp:	497118
Ion Ratio	Lower	Upper	
204	100		
206	33.0	25.9	38.9
141	57.8	47.2	70.8

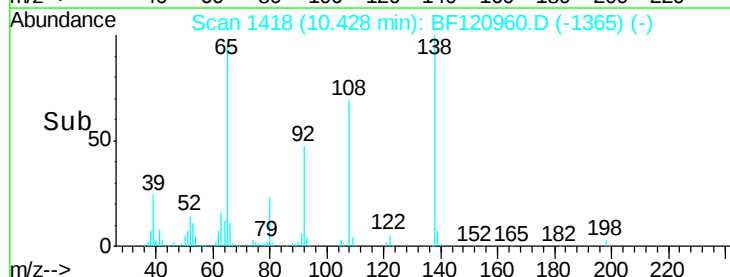
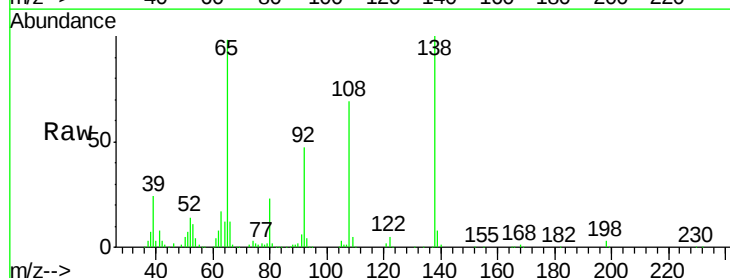
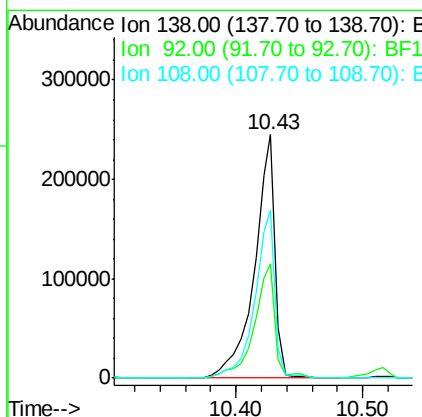
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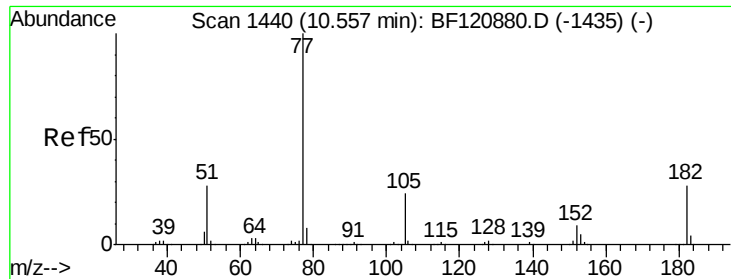
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#62
 4-Nitroaniline
 Concen: 36.670 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.01 min
 Lab File: BF120960.D
 Acq: 21 Jul 2020 18:18

Tgt Ion:	138	Resp:	277508
Ion Ratio	Lower	Upper	
138	100		
92	47.0	28.6	68.6
108	69.3	51.1	91.1





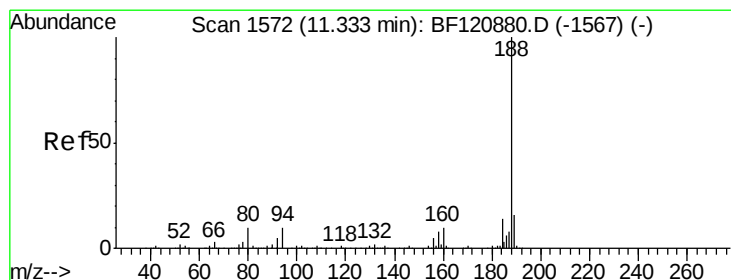
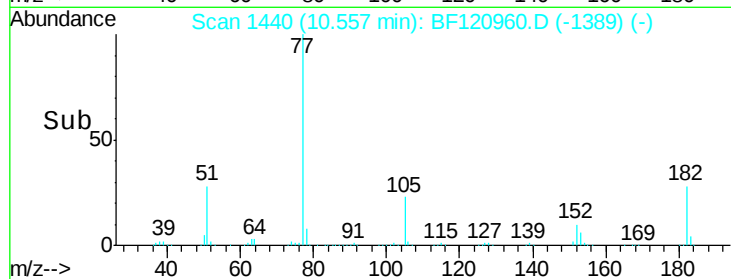
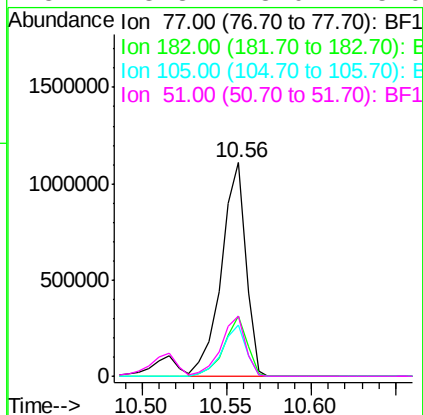
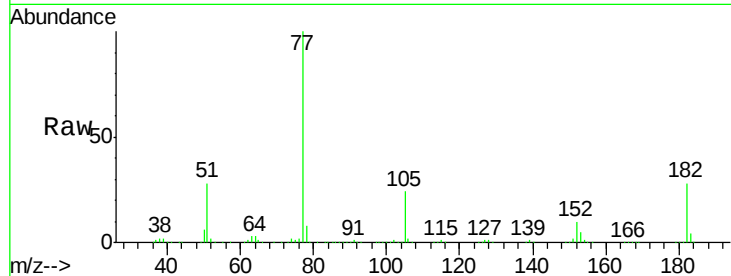
#63
Azobenzene
Concen: 40.142 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.1	7.8	47.8	
105	24.2	4.4	44.4	
51	28.3	8.0	48.0	

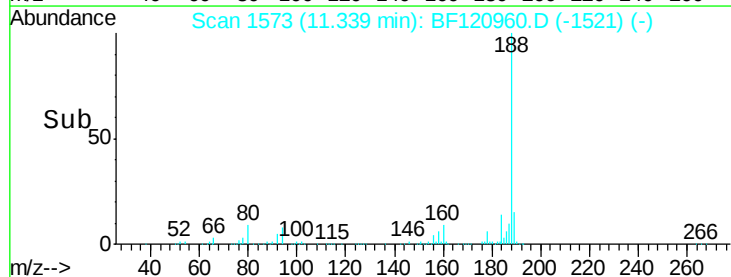
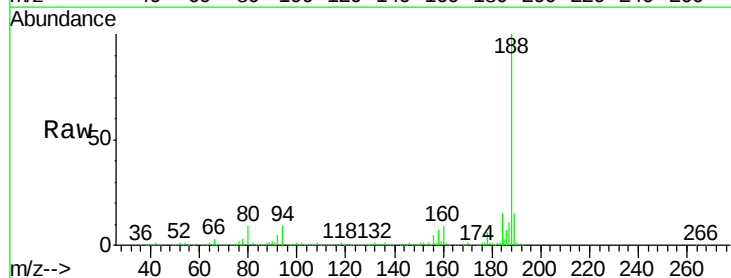
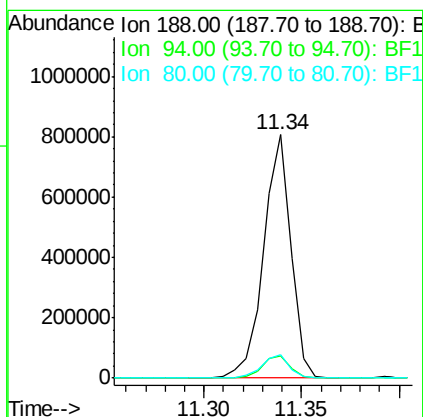
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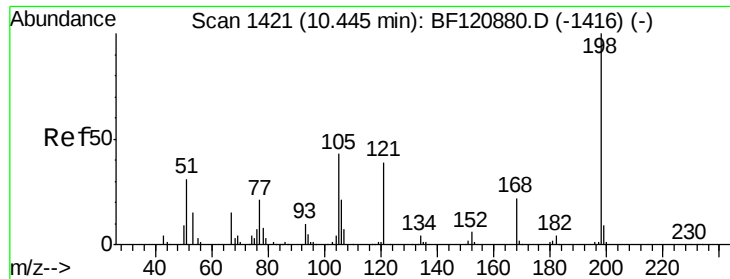
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.1	8.0	12.0	
80	9.5	8.3	12.5	





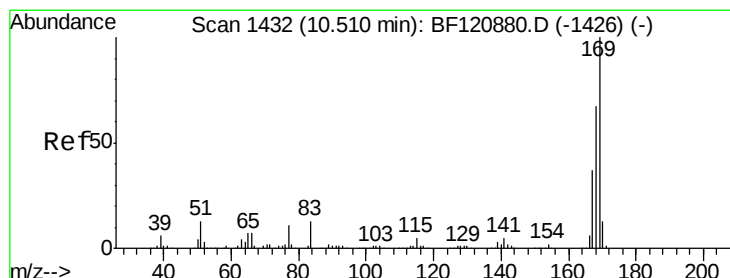
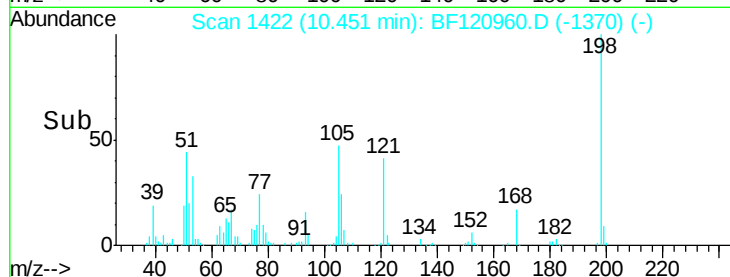
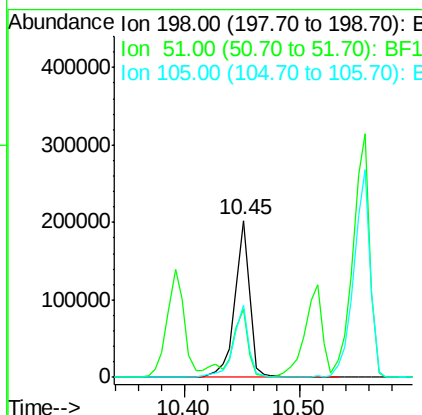
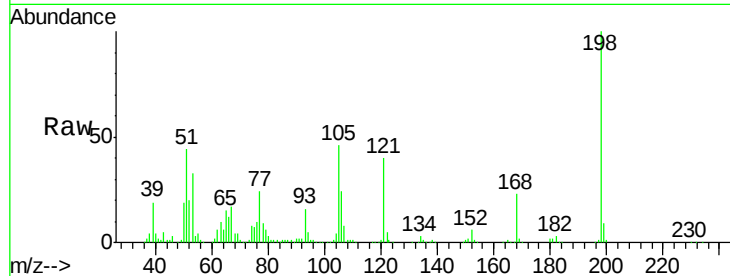
#65
4,6-Dinitro-2-methylphenol
Concen: 40.433 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	43.9	19.5	59.5
105	46.2	24.4	64.4

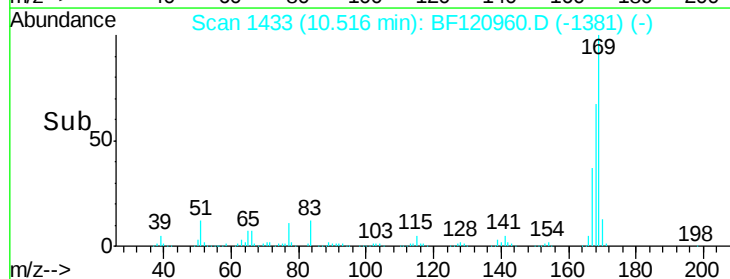
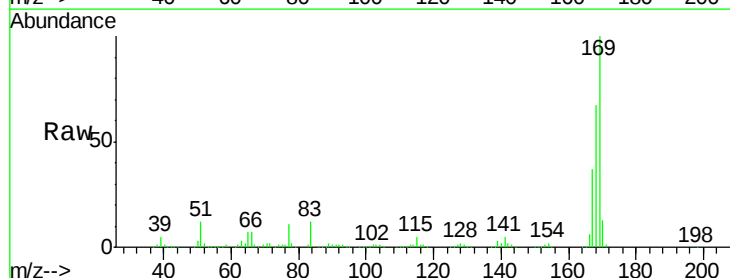
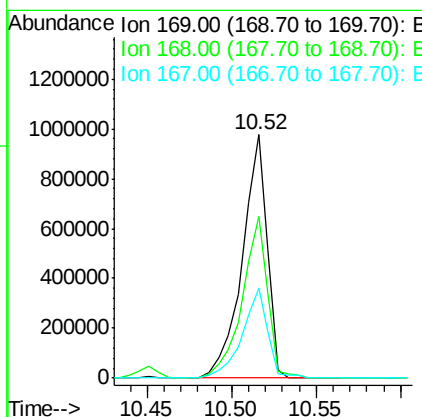
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#66
n-Nitrosodiphenylamine
Concen: 40.976 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.4	80.0
167	37.2	29.4	44.0





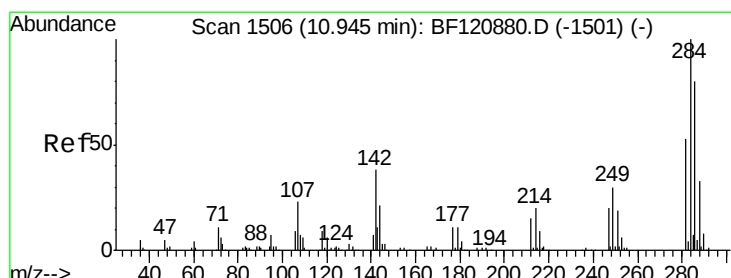
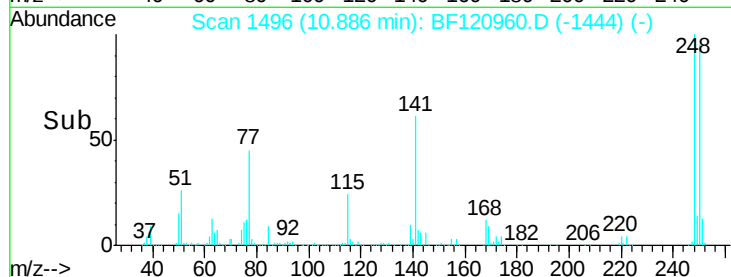
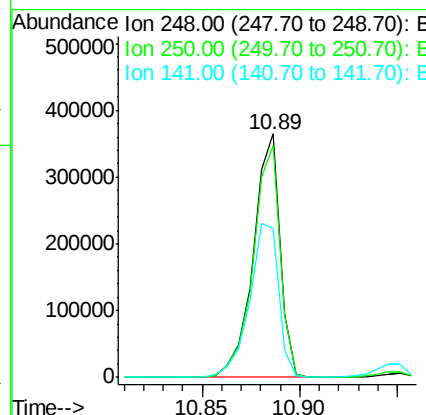
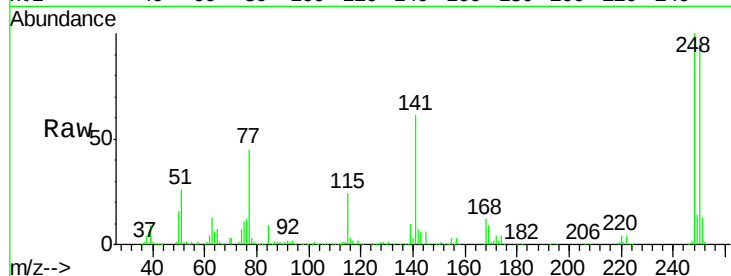
#67
 4-Bromophenyl-phenylether
 Concen: 39.807 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF120960.D
 Acq: 21 Jul 2020 18:18

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1BMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.4	77.1	115.7
141	61.3	61.2	91.8

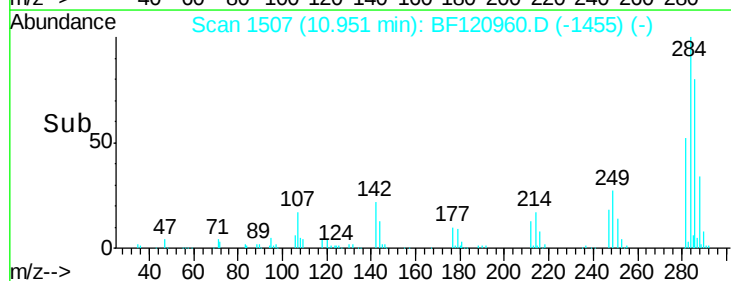
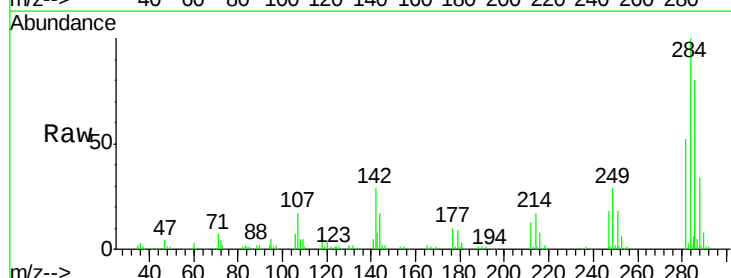
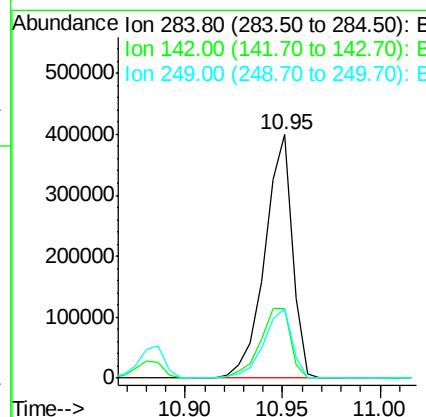
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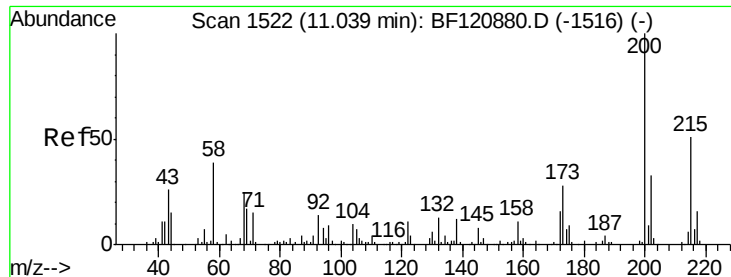
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#68
 Hexachlorobenzene
 Concen: 41.523 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.01 min
 Lab File: BF120960.D
 Acq: 21 Jul 2020 18:18

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.6	30.2	45.2#
249	28.6	24.2	36.2





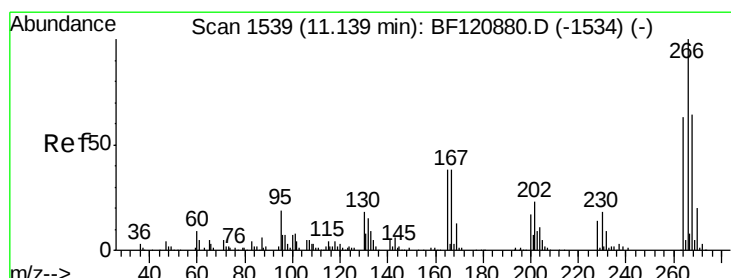
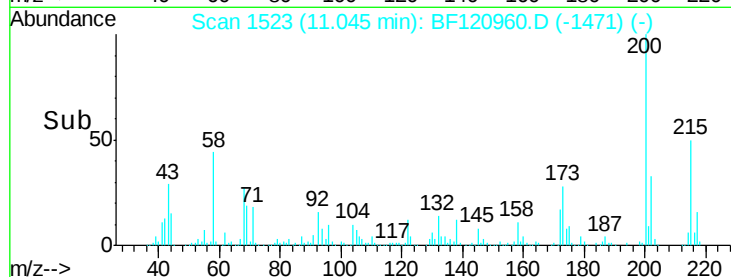
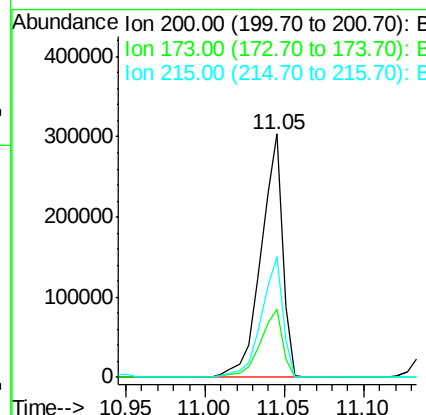
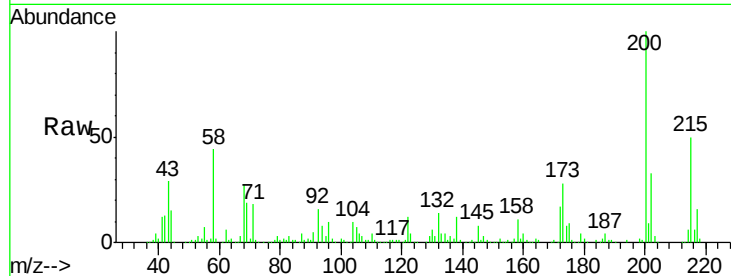
#69
 Atrazine
 Concen: 47.591 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF120960.D
 Acq: 21 Jul 2020 18:18

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1BMSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.0	8.0	48.0
215	49.7	31.5	71.5

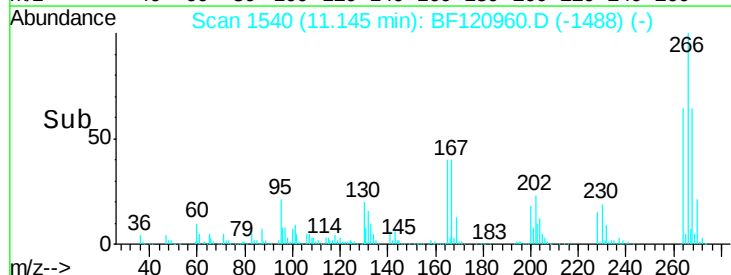
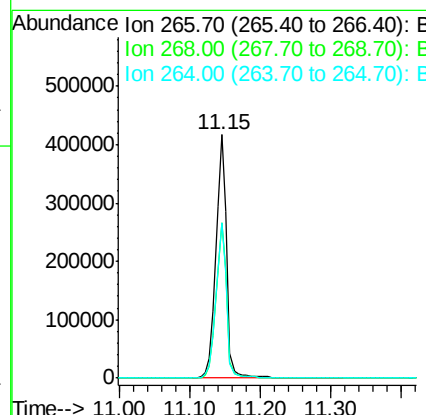
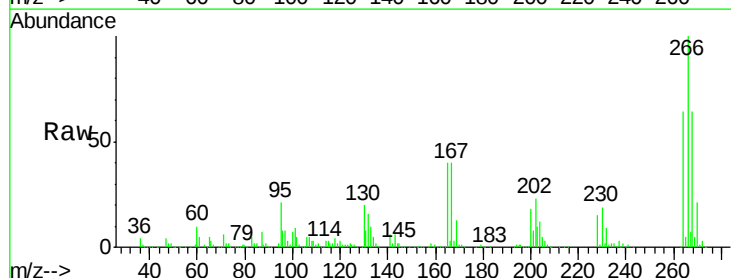
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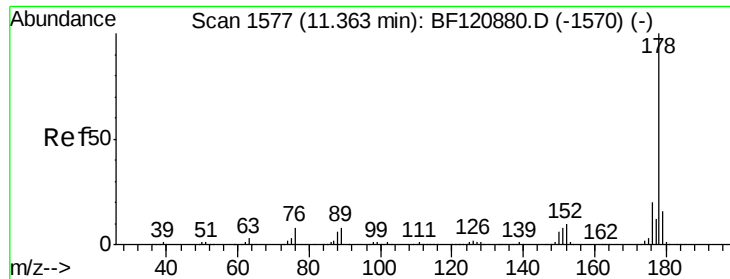
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#70
 Pentachlorophenol
 Concen: 82.408 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BF120960.D
 Acq: 21 Jul 2020 18:18

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.7	51.1	76.7
264	63.8	50.2	75.2





#71

Phenanthrene

Concen: 40.445 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMSD

Tot Ion:178 Resp: 1623385

Ion Ratio Lower Upper

178 100

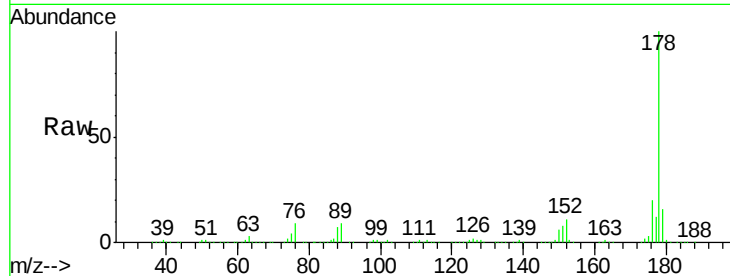
176 20.4 16.2 24.4

179 16.0 12.8 19.2

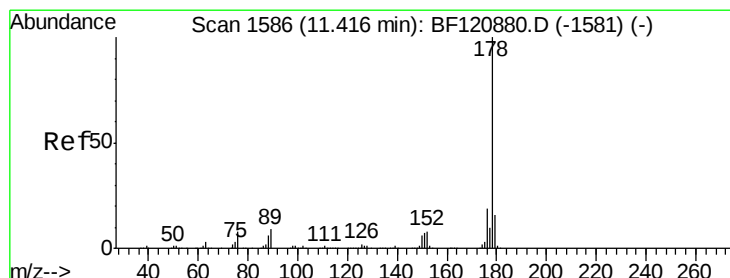
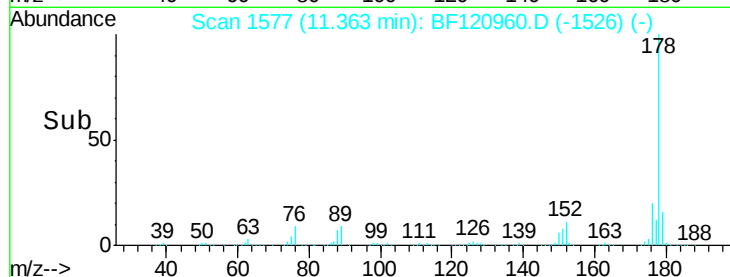
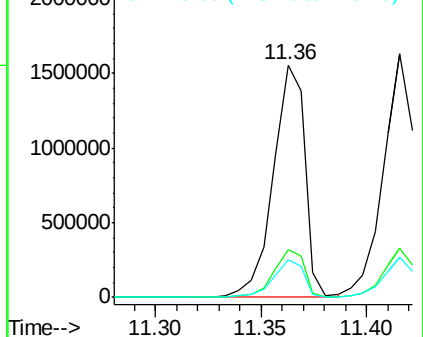
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.404 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

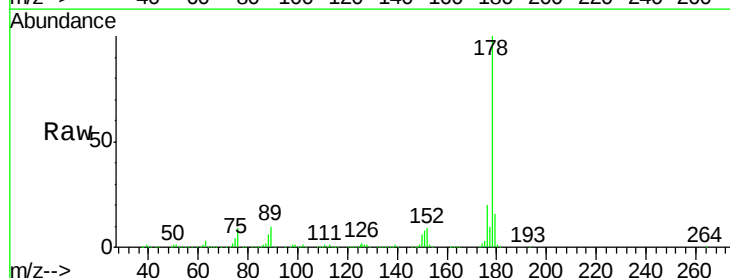
Tgt Ion:178 Resp: 1628456

Ion Ratio Lower Upper

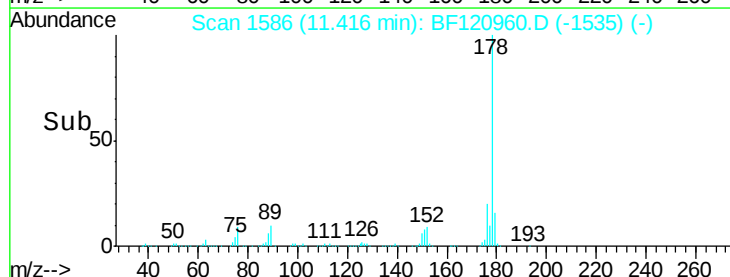
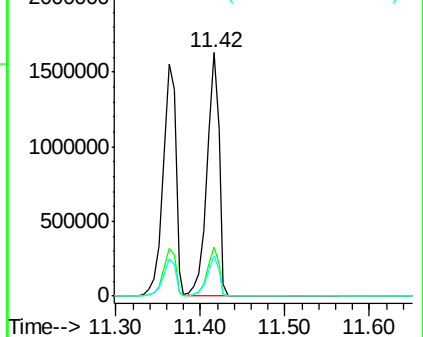
178 100

176 19.9 15.5 23.3

179 16.4 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





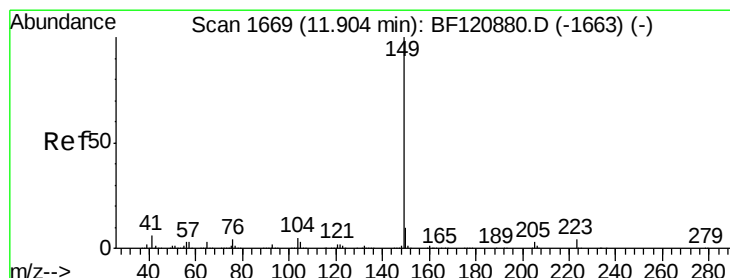
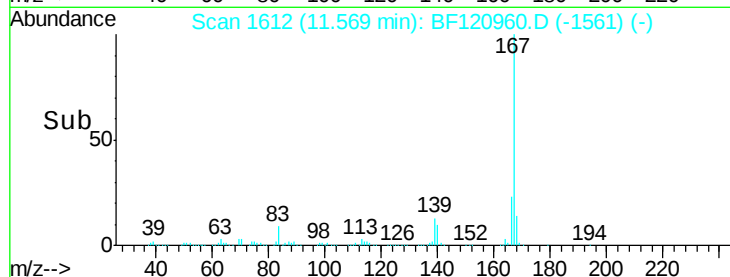
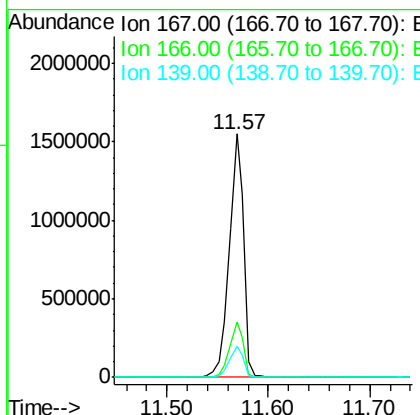
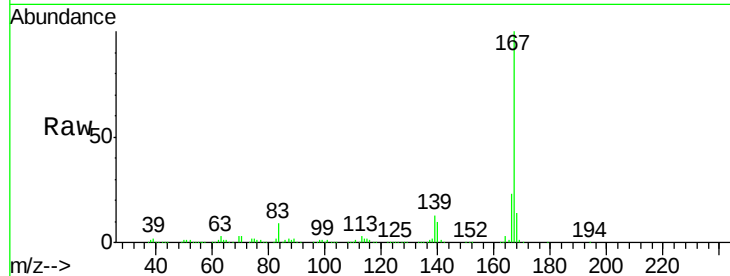
#73
 Carbazole
 Concen: 38.036 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF120960.D
 Acq: 21 Jul 2020 18:18

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1BMSD

Tot Ion:167 Resp: 1521369
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.7 26.5
 139 13.1 10.1 15.1

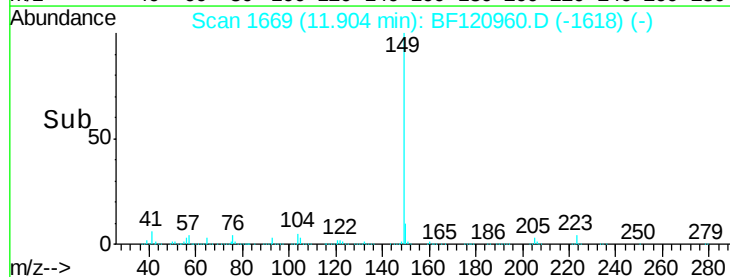
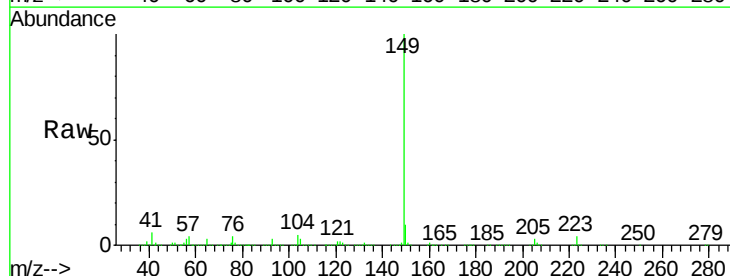
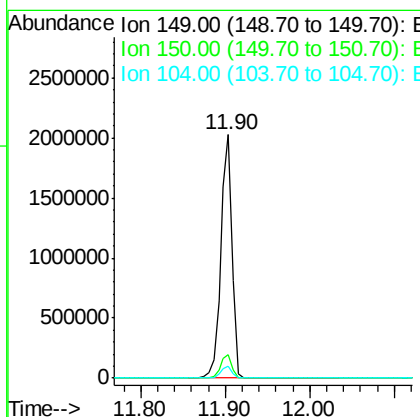
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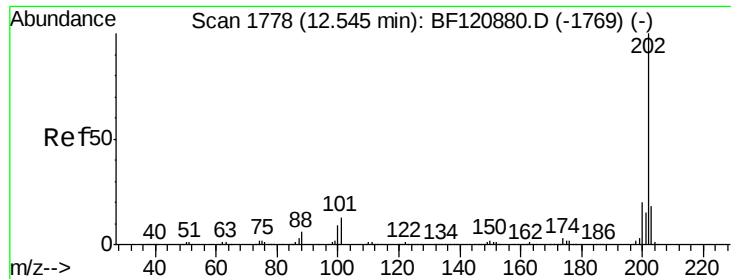
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#74
 Di-n-butylphthalate
 Concen: 40.801 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BF120960.D
 Acq: 21 Jul 2020 18:18

Tgt Ion:149 Resp: 1883293
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.6
 104 5.0 3.8 5.6





#75

Fluoranthene

Concen: 39.439 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

Instrument :

BNA_F

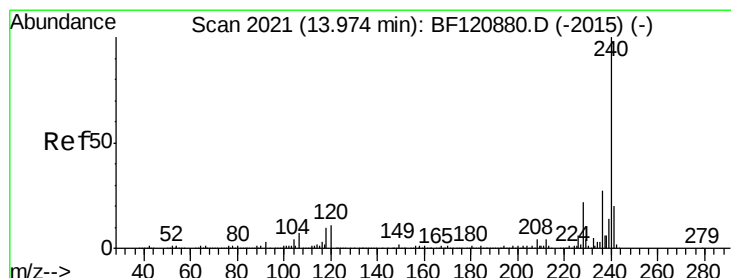
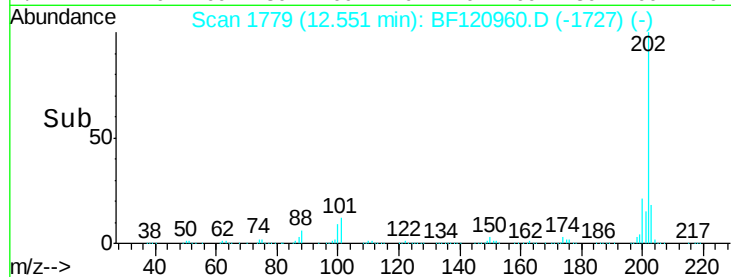
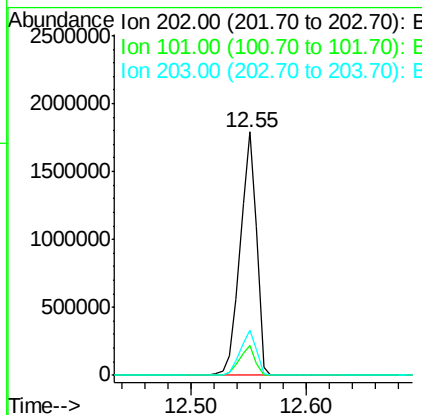
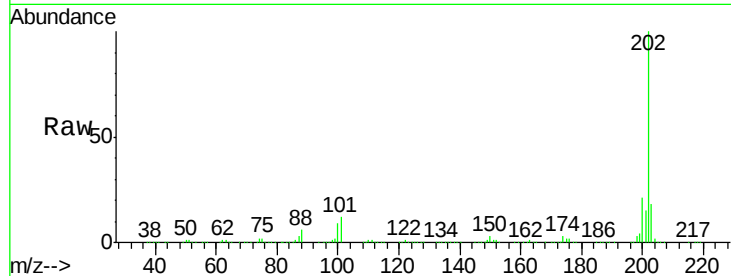
ClientSampleId :

SAMPLE-1BMSD

Tot Ion:	202	Resp:	1754624
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	32.7
203	18.3	0.0	38.0

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

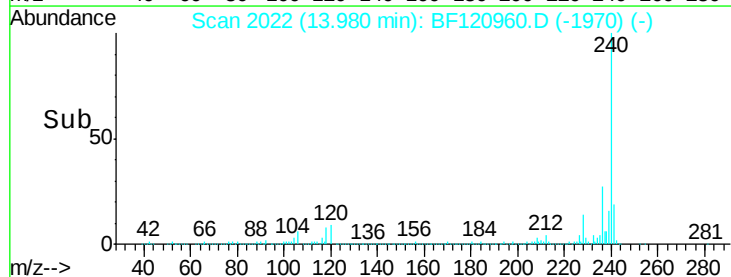
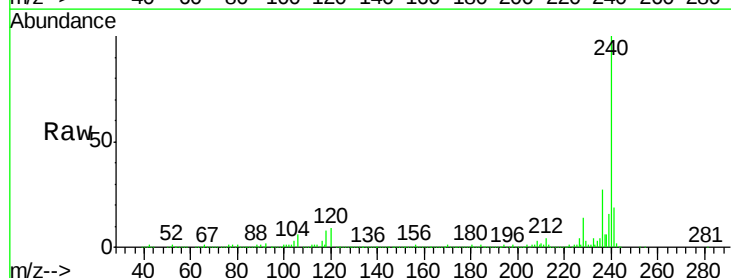
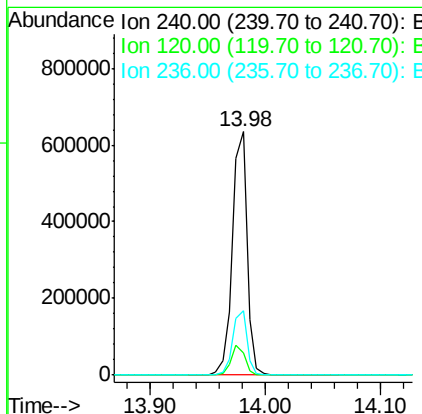
RT: 13.98 min Scan# 2022

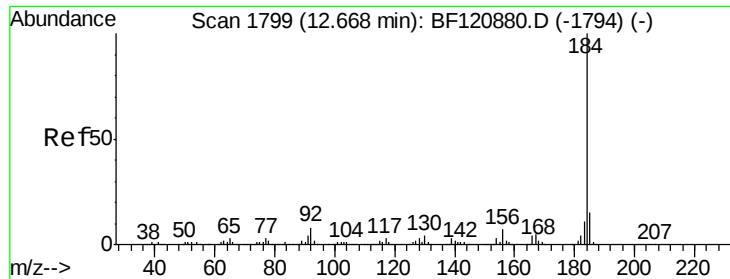
Delta R.T. 0.01 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

Tgt Ion:	240	Resp:	558343
Ion Ratio	Lower	Upper	
240	100		
120	9.0	9.0	13.4
236	26.5	21.7	32.5





#77

Benzidine

Concen: 61.756 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

Instrument :

BNA_F

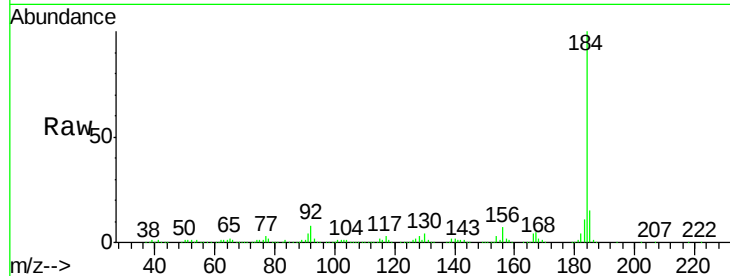
ClientSampleId :

SAMPLE-1BMSD

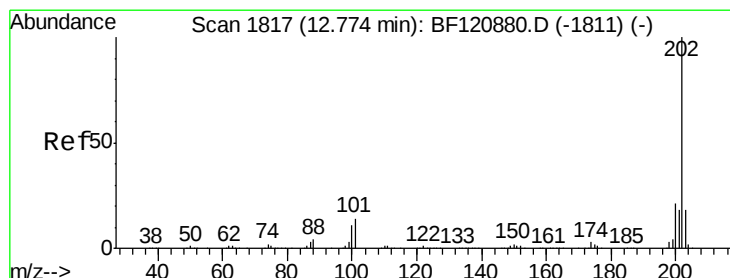
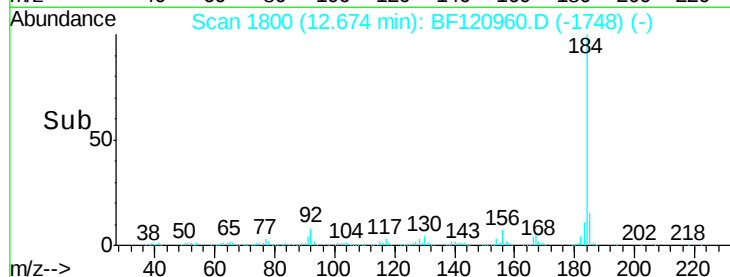
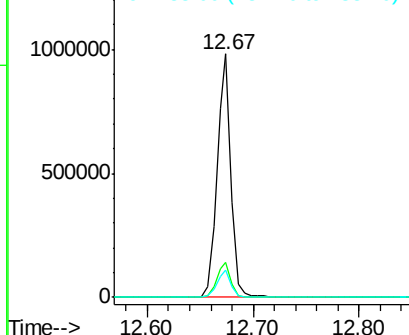
Tot Ion:	184	Resp:	906562
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.2	18.2
183	11.0	8.5	12.7

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



#78

Pyrene

Concen: 46.078 ng

RT: 12.78 min Scan# 1818

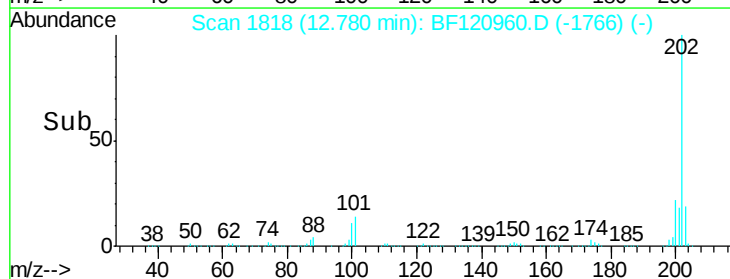
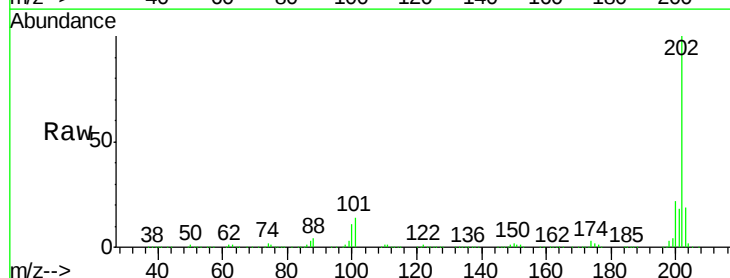
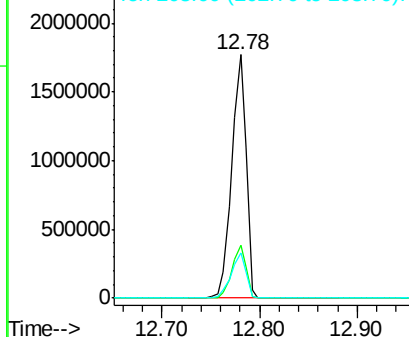
Delta R.T. 0.01 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

Tgt Ion:	202	Resp:	1818920
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.0	25.4
203	18.8	14.4	21.6

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: 67.291 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMSD

Tot Ion:244 Resp: 1728397

Ion Ratio Lower Upper

244 100

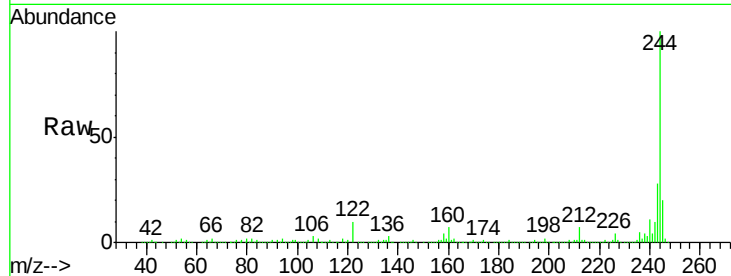
212 7.3 5.6 8.4

122 10.1 8.9 13.3

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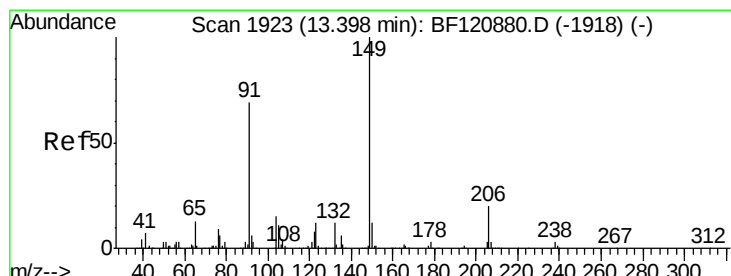
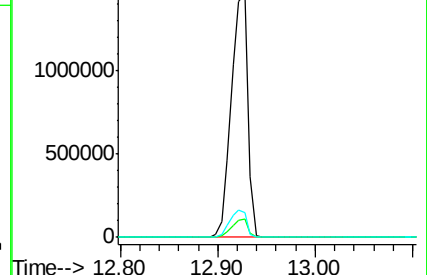
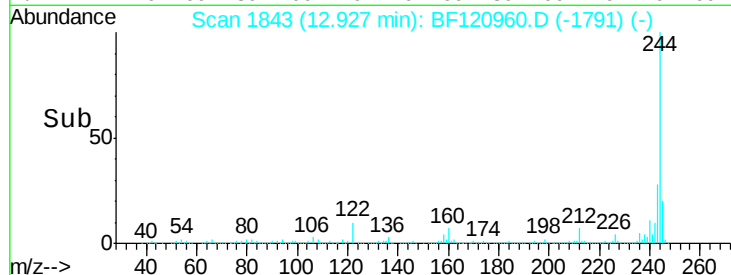
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.760 ng

RT: 13.40 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

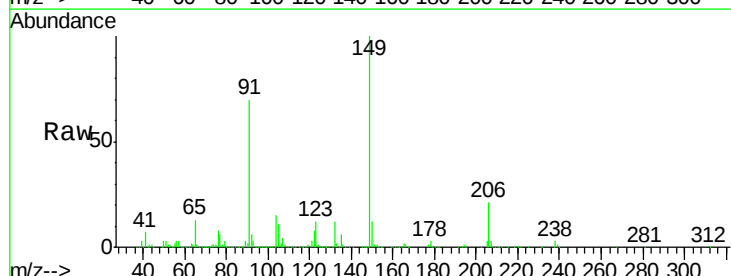
Tgt Ion:149 Resp: 822850

Ion Ratio Lower Upper

149 100

91 69.7 55.1 82.7

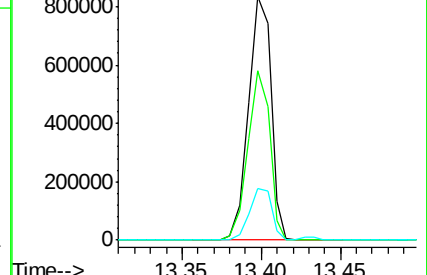
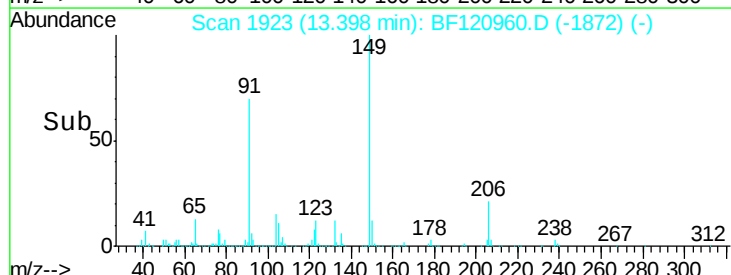
206 21.0 16.1 24.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.145 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMSD

Tot Ion:228 Resp: 1357325

Ion Ratio Lower Upper

228 100

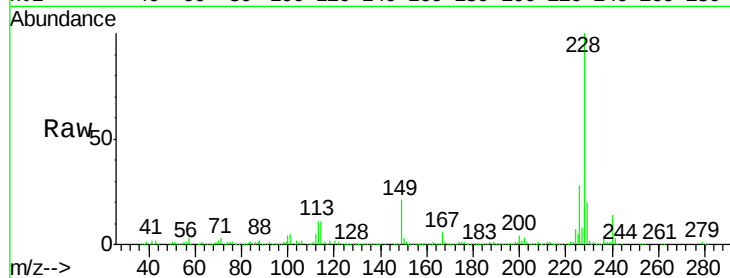
226 28.2 22.3 33.5

229 19.9 16.1 24.1

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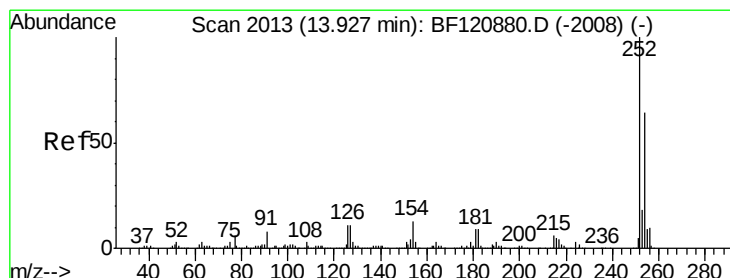
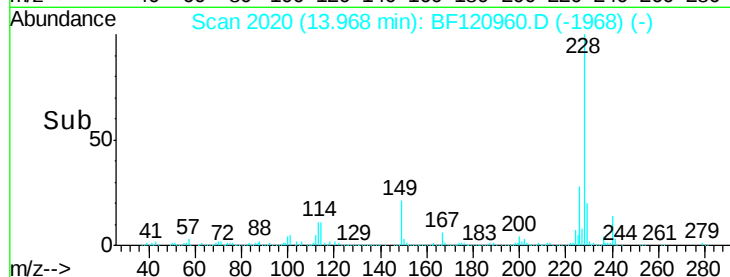
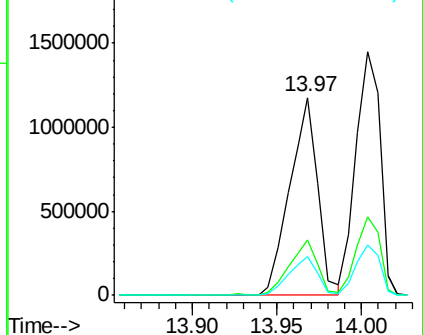
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.750 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

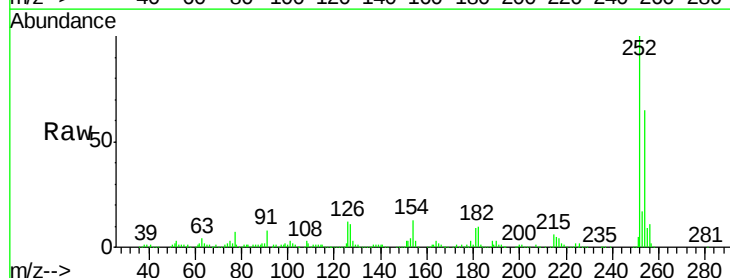
Tgt Ion:252 Resp: 366721

Ion Ratio Lower Upper

252 100

254 64.8 51.2 76.8

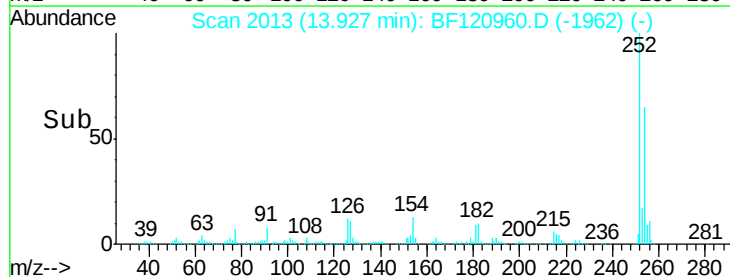
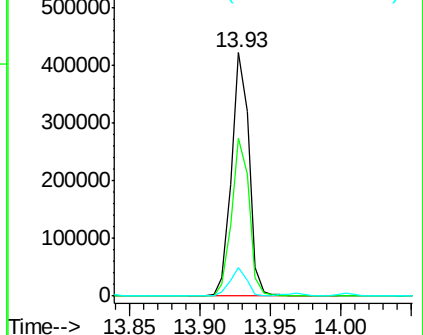
126 11.9 8.7 13.1

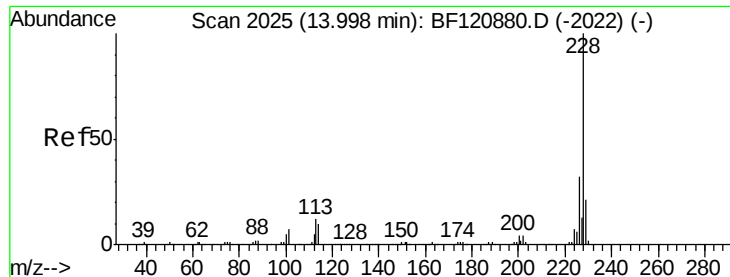


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





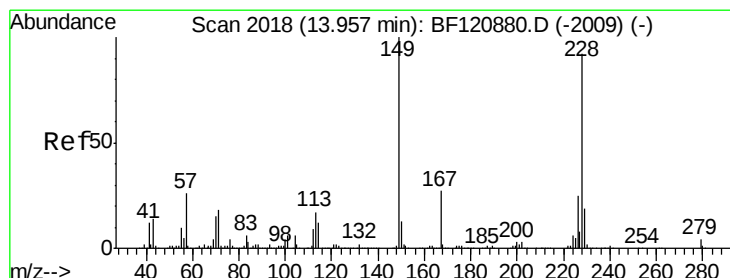
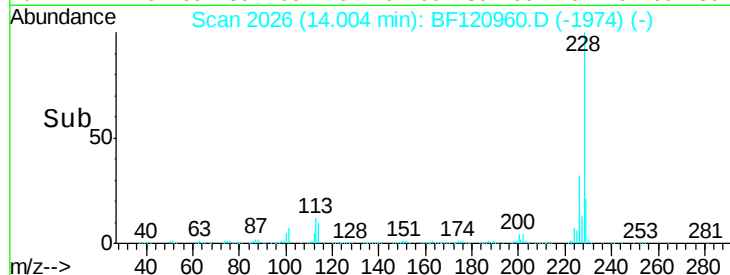
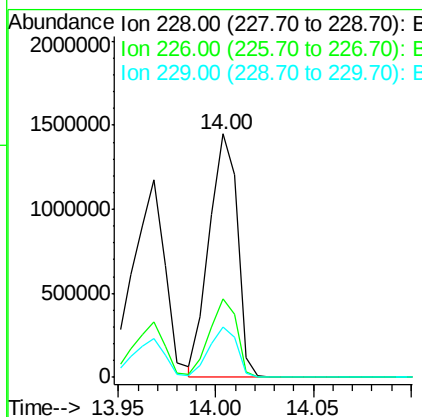
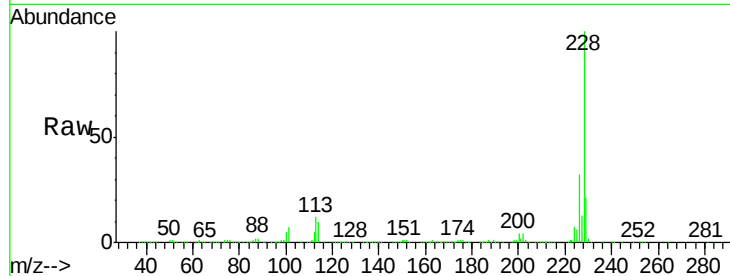
#83
 Chrvsene
 Concen: 40.945 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF120960.D
 Acq: 21 Jul 2020 18:18

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1BMSD

Tot Ion:228 Resp: 1454824
 Ion Ratio Lower Upper
 228 100
 226 32.2 25.6 38.4
 229 20.9 16.8 25.2

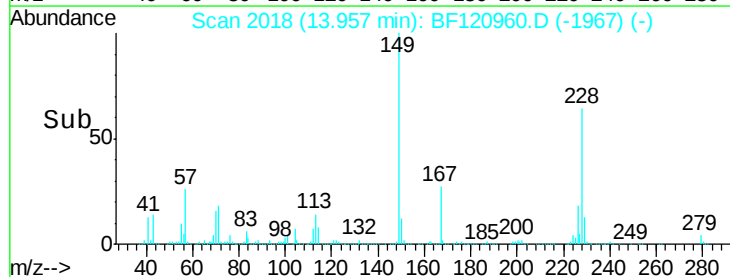
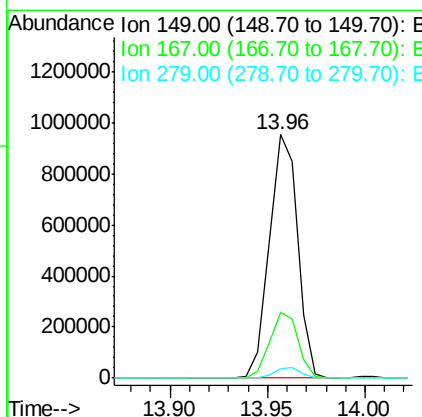
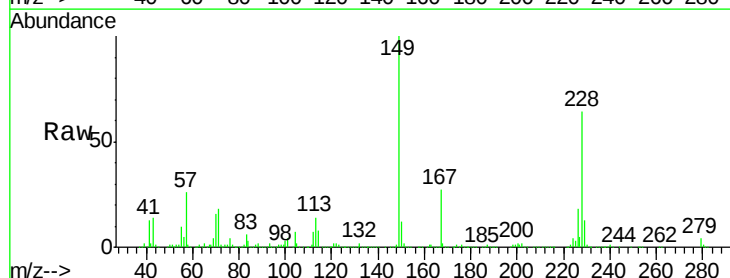
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.094 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BF120960.D
 Acq: 21 Jul 2020 18:18

Tgt Ion:149 Resp: 956828
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.9 32.9
 279 4.0 3.0 4.4





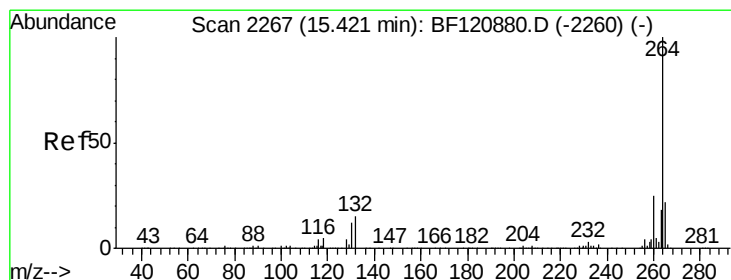
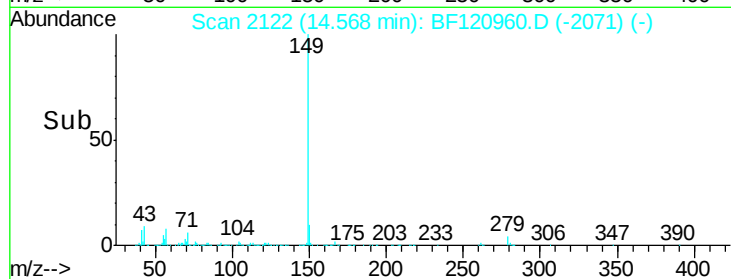
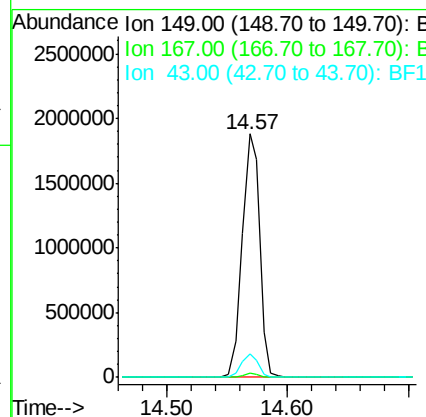
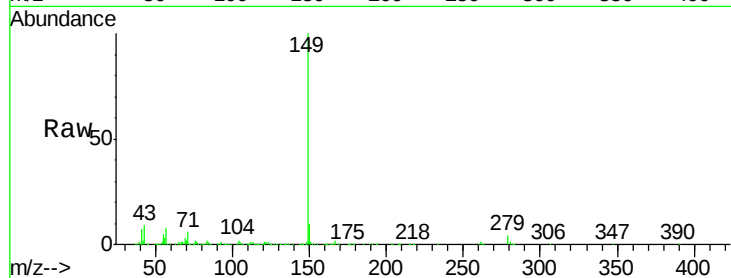
#85
Di-n-octyl phthalate
Concen: 44.082 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.0	7.6	11.4

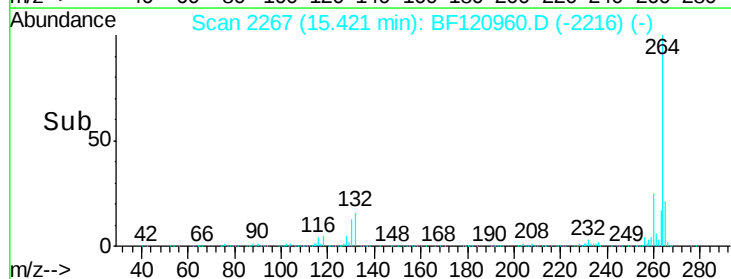
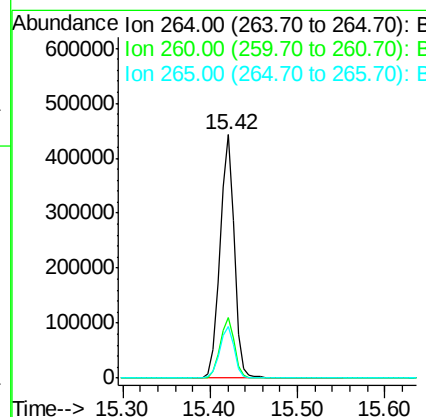
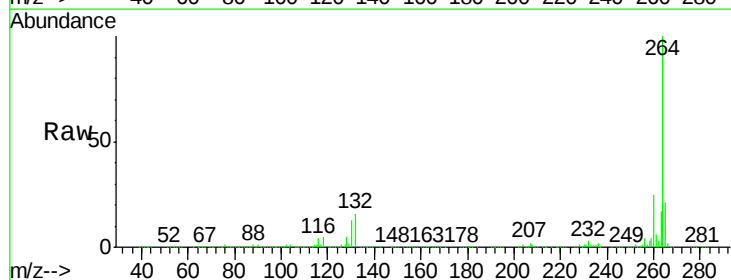
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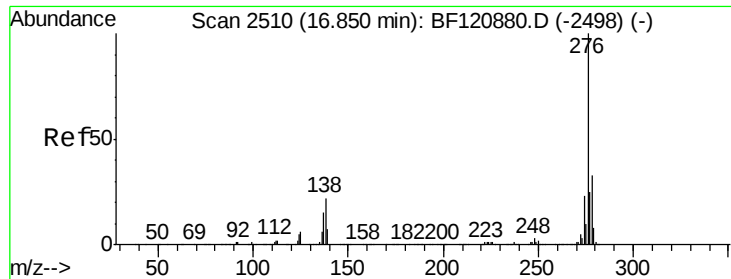
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.0	30.0
265	21.3	17.4	26.2





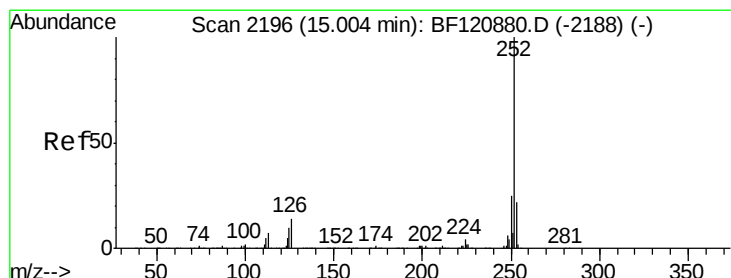
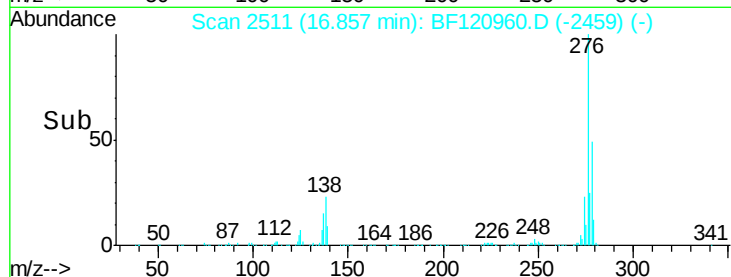
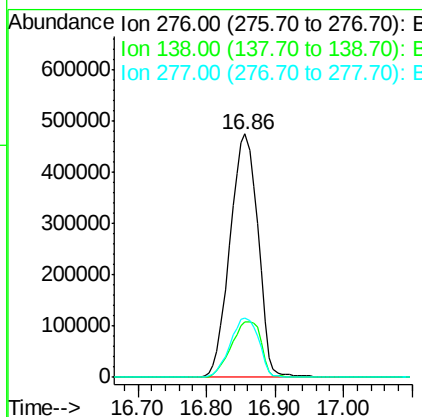
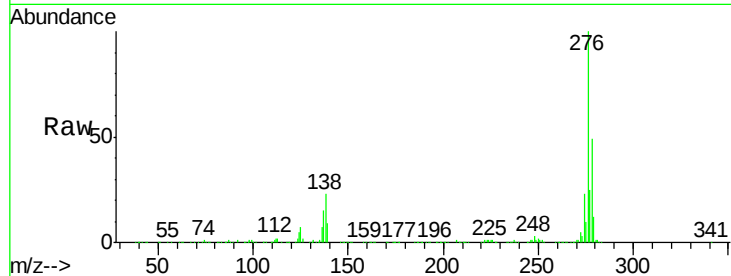
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.402 ng
 RT: 16.86 min Scan# 2511
 Delta R.T. 0.01 min
 Lab File: BF120960.D
 Acq: 21 Jul 2020 18:18

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1BMSD

Tot Ion:276 Resp: 1347274
 Ion Ratio Lower Upper
 276 100
 138 24.6 19.8 29.8
 277 25.3 20.2 30.2

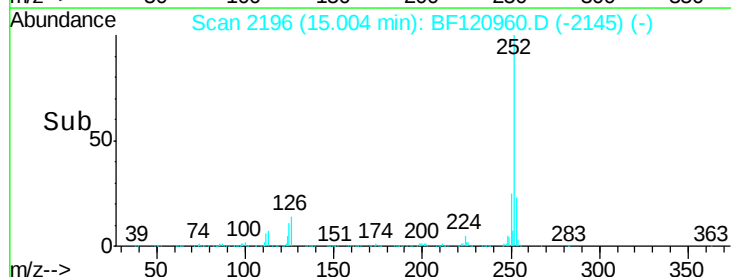
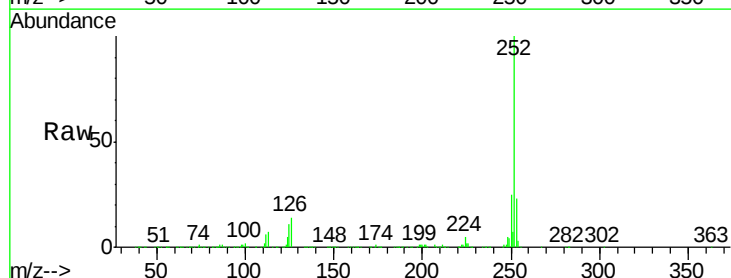
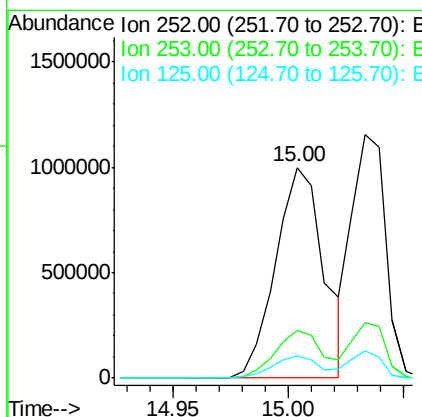
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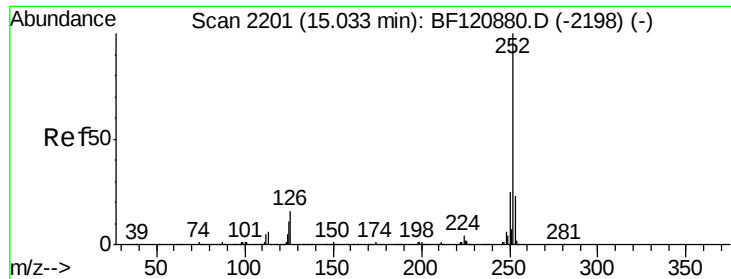
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#88
 Benzo(b)fluoranthene
 Concen: 47.584 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF120960.D
 Acq: 21 Jul 2020 18:18

Tgt Ion:252 Resp: 1450970
 Ion Ratio Lower Upper
 252 100
 253 22.9 18.0 27.0
 125 10.8 8.3 12.5





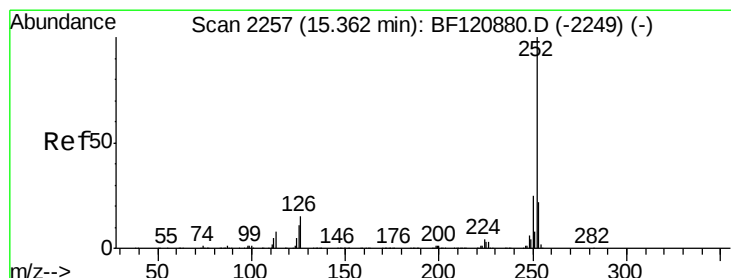
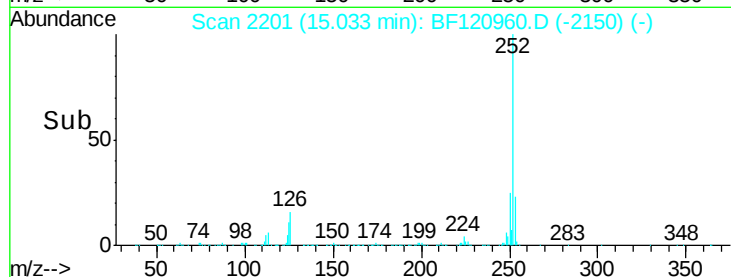
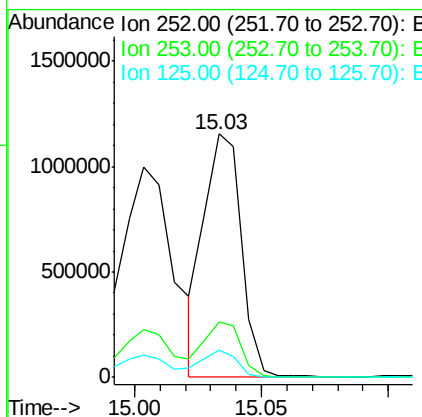
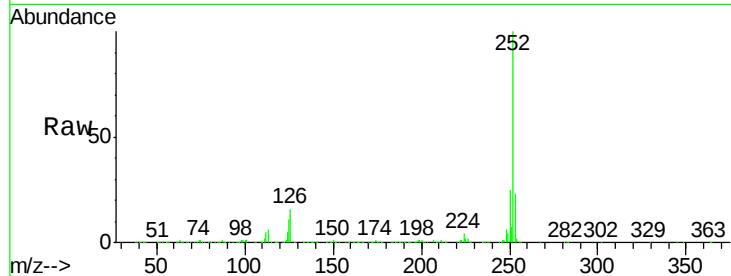
#89
Benzo(k)fluoranthene
Concen: 42.142 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMSD

Tot Ion:252 Resp: 1171939
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 11.0 8.4 12.6

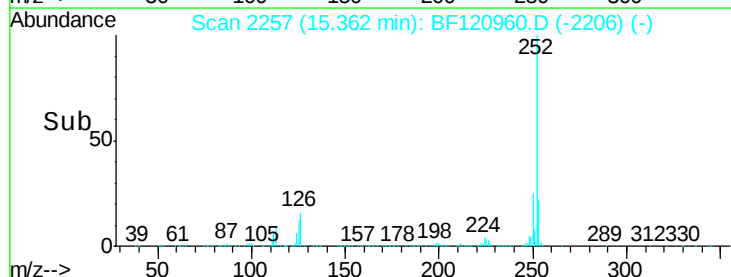
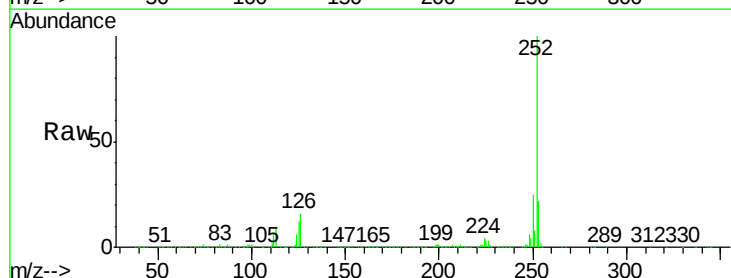
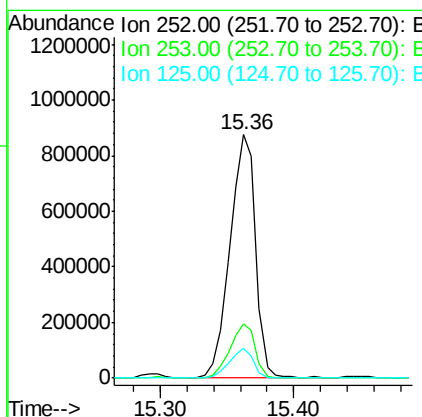
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#90
Benzo(a)pyrene
Concen: 42.248 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Tgt Ion:252 Resp: 1175365
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 12.1 8.9 13.3





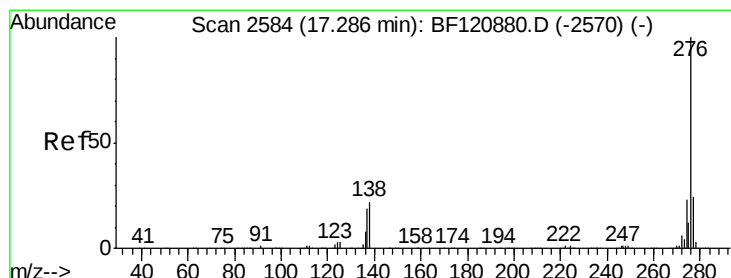
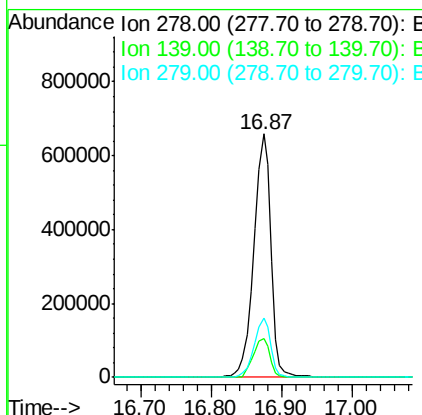
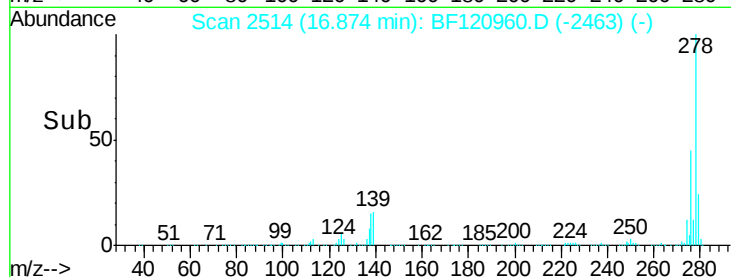
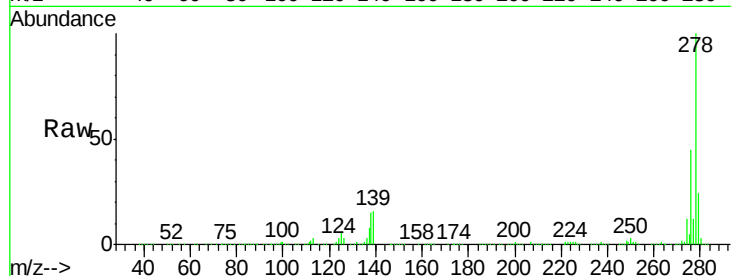
#91
Dibenzo(a,h)anthracene
Concen: 38.946 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.00 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.3	18.5
279	24.2	20.1	30.1

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#92
Benzo(g,h,i)perylene
Concen: 39.572 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.00 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.8	28.2
138	21.4	17.5	26.3

