

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
 Data File : BF118760.D
 Acq On : 30 Jan 2020 19:20
 Operator : CG/JU
 Sample : L1313-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-56MSD

Manual Integrations
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mohammad
 2/3/2020 7:57:09 AM

Quant Time: Jan 30 22:47:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:24:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	263827	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	1012097	20.00	ng	-0.02
39) Acenaphthene-d10	9.88	164	580144	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	1111018	20.00	ng	-0.02
76) Chrysene-d12	14.01	240	843473	20.00	ng	-0.01
87) Perylene-d12	15.46	264	885940	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1604880	112.98	ng	-0.02
7) Phenol-d6	6.47	99	2028305	109.86	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1320939	73.00	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	784732	116.95	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	2546615	72.15	ng	-0.02
79) Terphenyl-d14	12.95	244	3221626	83.31	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	257431	37.416	ng	99
3) Pyridine	3.39	79	663438	34.211	ng	99
4) n-Nitrosodimethylamine	3.32	42	290086	34.892	ng	97
6) Aniline	6.50	93	774143	31.843	ng	99
8) 2-Chlorophenol	6.63	128	787283	49.377	ng	97
9) Benzaldehyde	6.39	77	373489	33.262	ng	99
10) Phenol	6.49	94	938839	44.620	ng	99
11) bis(2-Chloroethyl)ether	6.57	93	707574	45.325	ng	99
12) 1,3-Dichlorobenzene	6.78	146	848734	45.479	ng	99
13) 1,4-Dichlorobenzene	6.86	146	852487	45.506	ng	98
14) 1,2-Dichlorobenzene	7.02	146	797540	45.288	ng	97
15) Benzyl Alcohol	6.98	79	662092	45.220	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	840649	38.661	ng	99
17) 2-Methylphenol	7.09	107	628761	47.342	ng	99
18) Hexachloroethane	7.36	117	299776	44.131	ng	97
19) n-Nitroso-di-n-propylamine	7.26	70	510817	40.974	ng	97
20) 3+4-Methylphenols	7.25	107	740885	45.691	ng	94
22) Acetophenone	7.25	105	976187	40.716	ng	# 99
24) Nitrobenzene	7.42	77	769715	41.545	ng	97
25) Isophorone	7.66	82	1440802	43.656	ng	100
26) 2-Nitrophenol	7.74	139	427411	54.096	ng	99
27) 2,4-Dimethylphenol	7.77	122	681207	49.930	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	893863	42.033	ng	100
29) 2,4-Dichlorophenol	7.98	162	692840	45.938	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	765879	43.796	ng	99
31) Naphthalene	8.15	128	2152163	47.073	ng	100
32) Benzoic acid	7.90	122	480196	46.897	ng	98
33) 4-Chloroaniline	8.19	127	325648	15.410	ng	99
34) Hexachlorobutadiene	8.27	225	456452	42.861	ng	98
35) Caprolactam	8.56	113	234241m	47.459	ng	
36) 4-Chloro-3-methylphenol	8.67	107	714964	48.005	ng	99
37) 2-Methylnaphthalene	8.84	142	1559140	48.313	ng	100
38) 1-Methylnaphthalene	8.94	142	1453485	47.407	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	749424	41.285	ng	99

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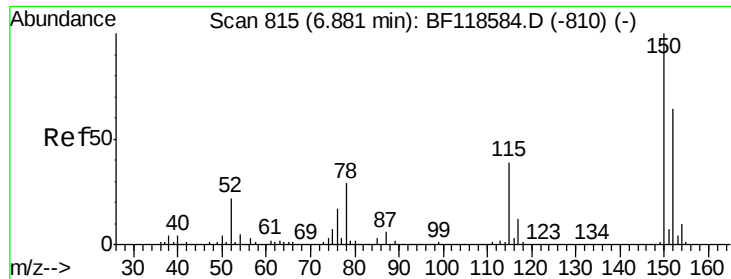
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	820157	89.552	nq	100
43) 2,4,6-Trichlorophenol	9.12	196	537462	44.619	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	578793	47.048	nq	97
46) 1,1'-Biphenyl	9.30	154	1834652	45.885	nq	99
47) 2-Chloronaphthalene	9.33	162	1476658	43.817	nq	99
48) 2-Nitroaniline	9.42	65	418025	40.351	nq	98
49) Acenaphthylene	9.75	152	2295521	48.418	nq	100
50) Dimethylphthalate	9.60	163	1977255	52.312	nq	99
51) 2,6-Dinitrotoluene	9.66	165	427125	50.465	nq	90
52) Acenaphthene	9.92	154	1577716	49.767	nq	100
53) 3-Nitroaniline	9.83	138	229405	23.737	nq	95
54) 2,4-Dinitrophenol	9.94	184	410177	121.391	nq	100
55) Dibenzofuran	10.09	168	2094286	47.670	nq	99
56) 4-Nitrophenol	9.99	139	718088	98.424	nq	98
57) 2,4-Dinitrotoluene	10.07	165	564223	52.880	nq	96
58) Fluorene	10.43	166	1574636	45.655	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	501650	46.361	nq	100
60) Diethylphthalate	10.30	149	1771542	48.341	nq	100
61) 4-Chlorophenyl-phenylether	10.42	204	838398	44.695	nq	96
62) 4-Nitroaniline	10.44	138	412687	41.629	nq	98
63) Azobenzene	10.58	77	1561828	44.006	nq	97
65) 4,6-Dinitro-2-methylphenol	10.47	198	311343	63.729	nq	90
66) n-Nitrosodiphenylamine	10.54	169	1505285	44.926	nq	98
67) 4-Bromophenyl-phenylether	10.91	248	601599	43.829	nq	96
68) Hexachlorobenzene	10.98	284	669205	43.003	nq	99
69) Atrazine	11.07	200	568659	48.967	nq	99
70) Pentachlorophenol	11.17	266	725349	83.834	nq	99
71) Phenanthrene	11.39	178	2546885	47.516	nq	100
72) Anthracene	11.44	178	2552482	48.127	nq	99
73) Carbazole	11.59	167	2256103	46.376	nq	99
74) Di-n-butylphthalate	11.93	149	2804772	51.893	nq	99
75) Fluoranthene	12.58	202	2876242	50.877	nq	99
77) Benzidine	12.70	184	1554331	68.968	nq	100
78) Pyrene	12.81	202	2879675	50.287	nq	99
80) Butylbenzylphthalate	13.43	149	1268932	54.144	nq	97
81) Benzo(a)anthracene	14.00	228	2415122	47.599	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	546065	30.203	nq	99
83) Chrysene	14.03	228	2411800	49.596	nq	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1765223	61.651	nq	99
85) Di-n-octyl phthalate	14.60	149	2959322	69.826	nq	100
86) Indeno(1,2,3-cd)pyrene	16.93	276	2717202	64.307	nq	99
88) Benzo(b)fluoranthene	15.04	252	2517102	45.200	nq	100
89) Benzo(k)fluoranthene	15.07	252	2229314	43.210	nq	99
90) Benzo(a)pyrene	15.40	252	2161272	44.991	nq	99
91) Dibenzo(a,h)anthracene	16.94	278	2205424	51.901	nq	99
92) Benzo(g,h,i)perylene	17.37	276	2325831	56.373	nq	98

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



#1

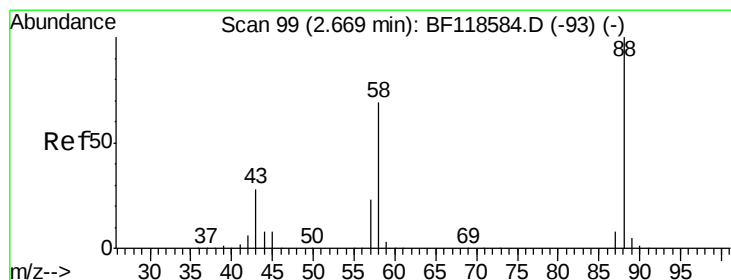
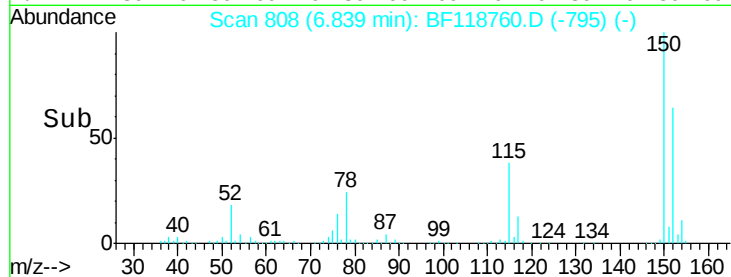
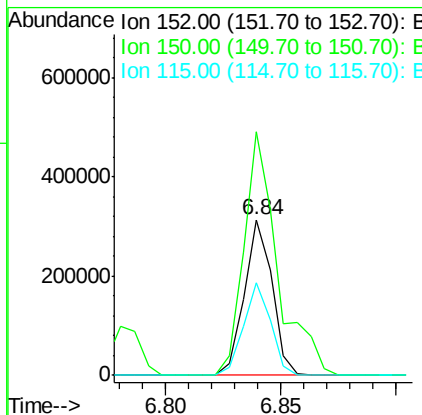
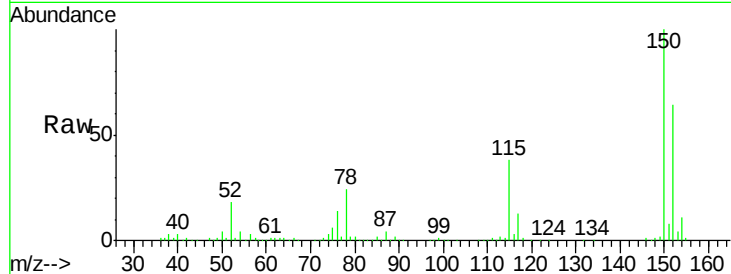
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Instrument :
BNA_F
ClientSampleId :
RBR-56MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	123.7	185.5
115	59.1	45.1	67.7

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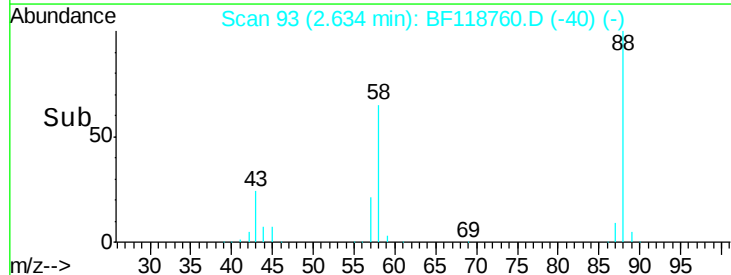
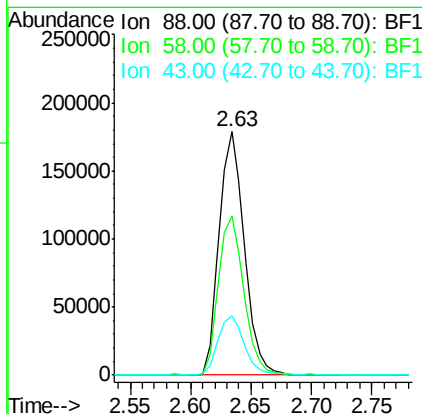
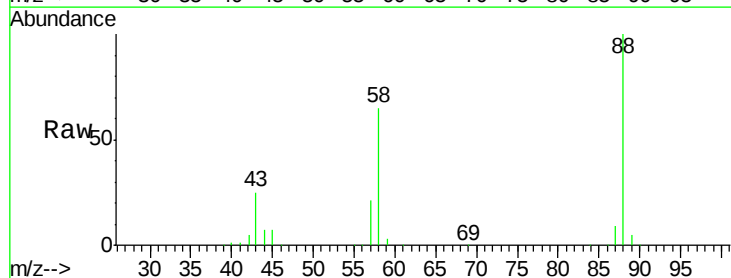
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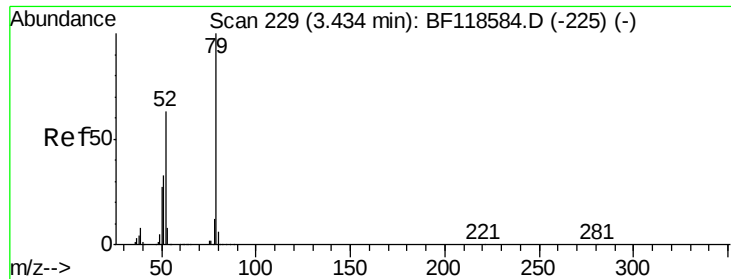


#2

1,4-Dioxane
Concen: 37.416 ng
RT: 2.63 min Scan# 93
Delta R.T. 0.01 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.9	51.9	77.9
43	24.5	19.3	28.9





#3

Pvridine

Concen: 34.211 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.01 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Instrument :

BNA_F

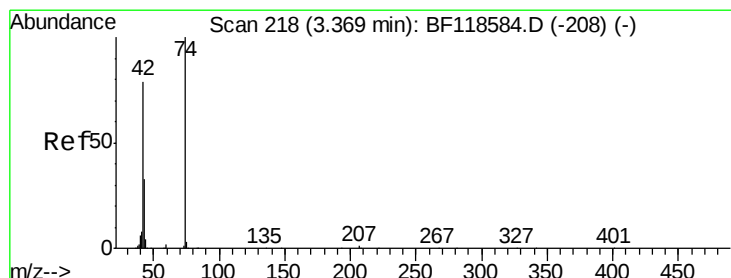
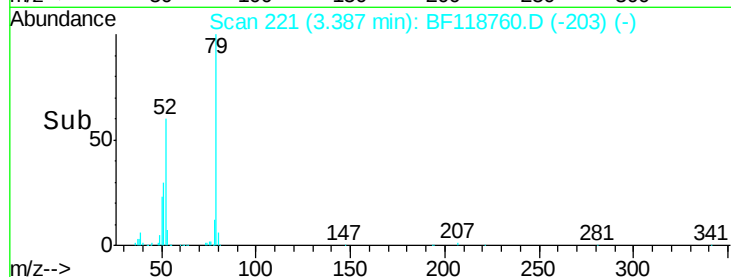
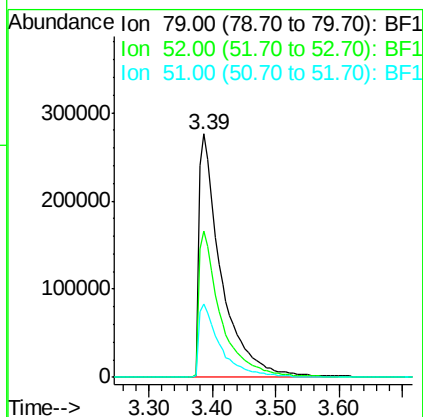
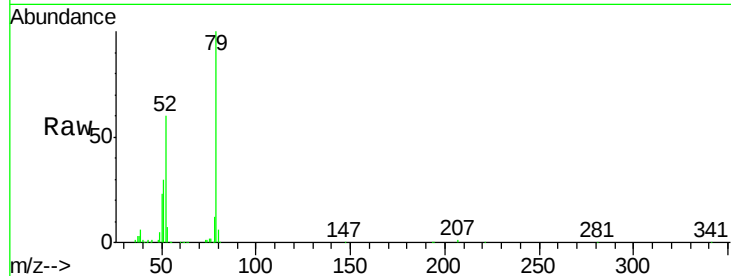
ClientSampleId :

RBR-56MSD

Tot Ion:	79	Resp:	663438
Ion	Ratio	Lower	Upper
79	100		
52	59.9	48.8	73.2
51	29.9	24.4	36.6

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#4

n-Nitrosodimethylamine

Concen: 34.892 ng

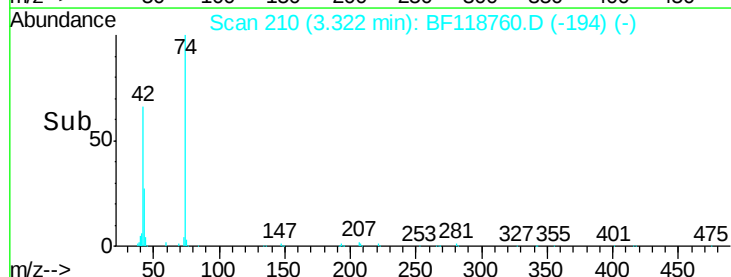
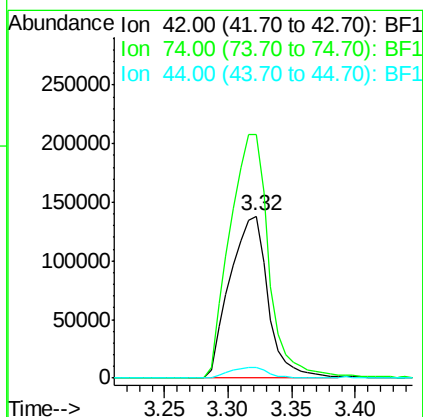
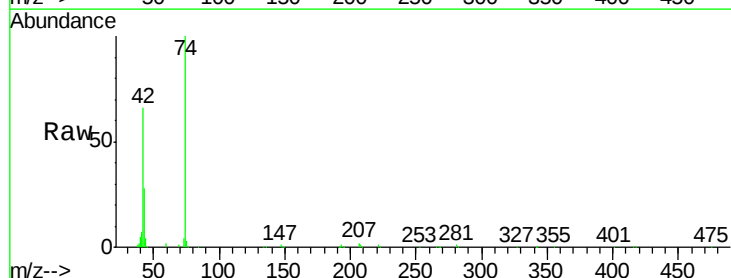
RT: 3.32 min Scan# 210

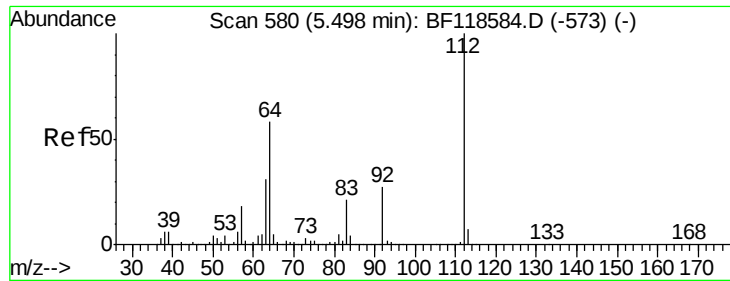
Delta R.T. -0.01 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Tgt Ion:	42	Resp:	290086
Ion	Ratio	Lower	Upper
42	100		
74	150.6	123.5	185.3
44	6.6	5.6	8.4





#5

2-Fluorophenol

Concen: 112.978 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Instrument :

BNA_F

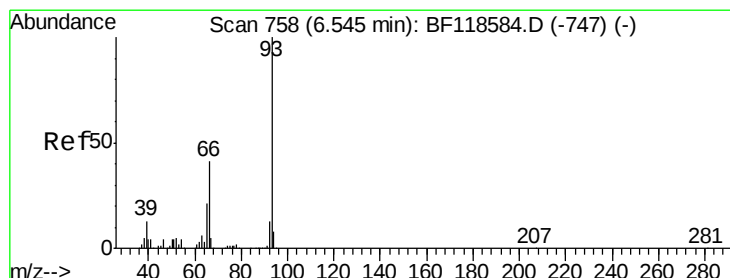
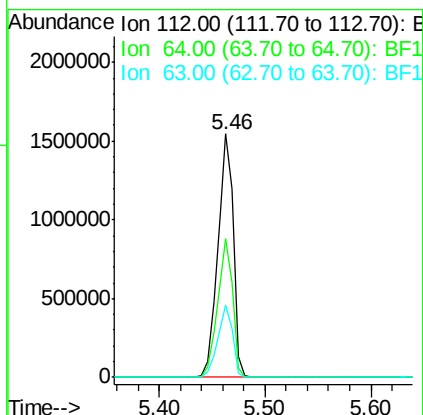
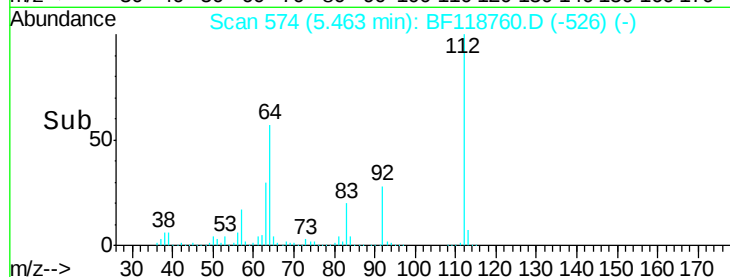
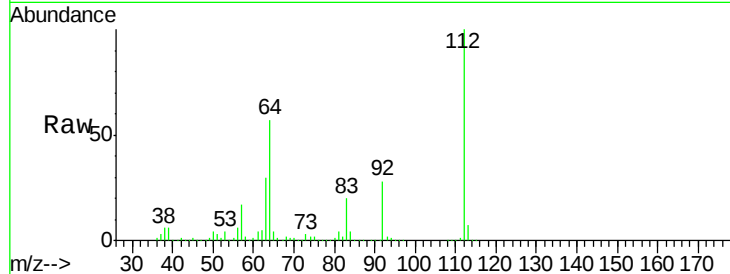
ClientSampleId :

RBR-56MSD

Tot Ion:	112	Resp:	1604880
Ion	Ratio	Lower	Upper
112	100		
64	56.8	42.4	63.6
63	29.8	21.7	32.5

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#6

Aniline

Concen: 31.843 ng

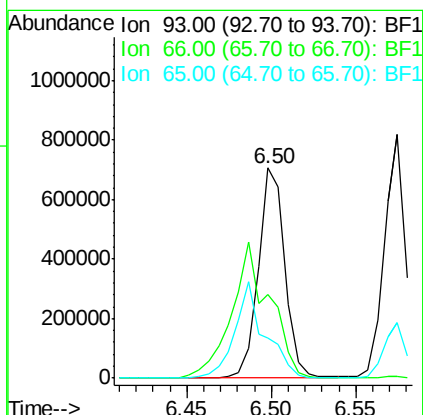
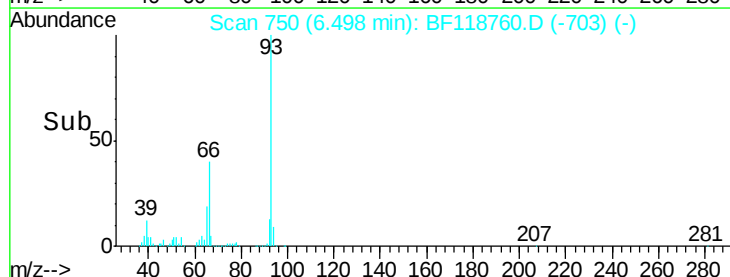
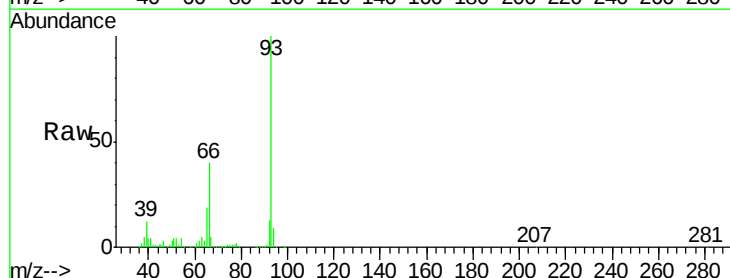
RT: 6.50 min Scan# 750

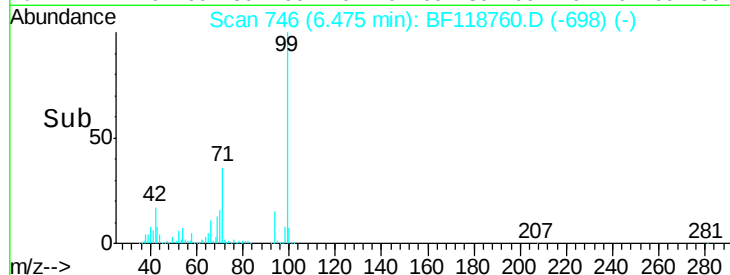
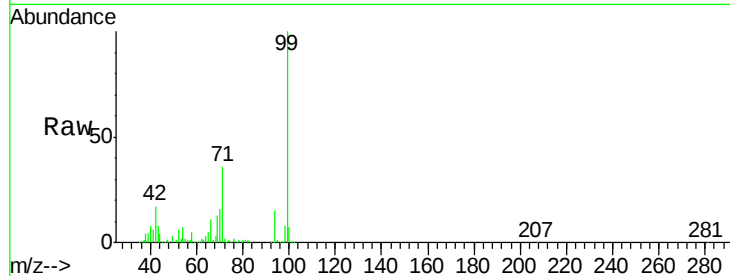
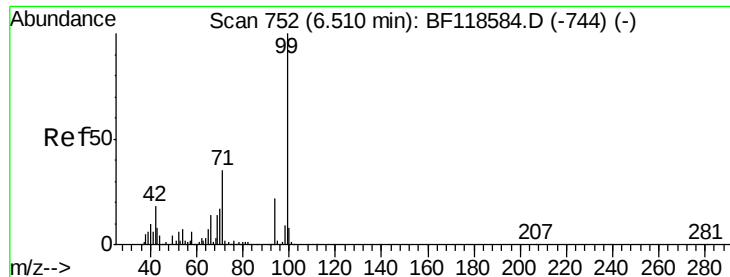
Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Tgt Ion:	93	Resp:	774143
Ion	Ratio	Lower	Upper
93	100		
66	39.5	31.3	46.9
65	19.4	15.3	22.9





#7

Phenol-d6

Concen: 109.857 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Tot Ion: 99 Resp: 2028305

Ion Ratio Lower Upper

99 100

42 16.8 13.1 19.7

71 35.8 28.4 42.6

Instrument :

BNA_F

ClientSampleId :

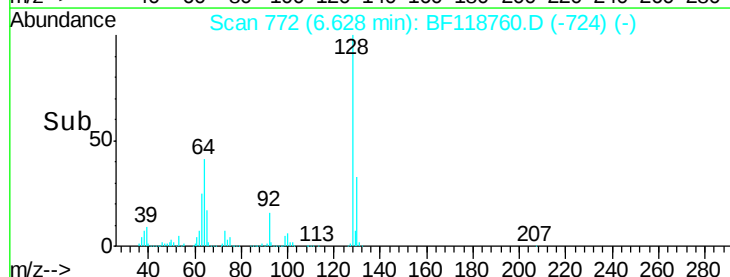
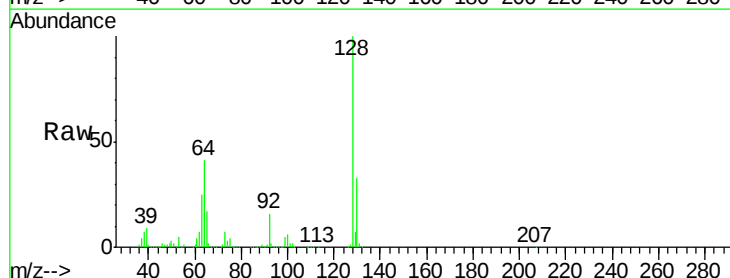
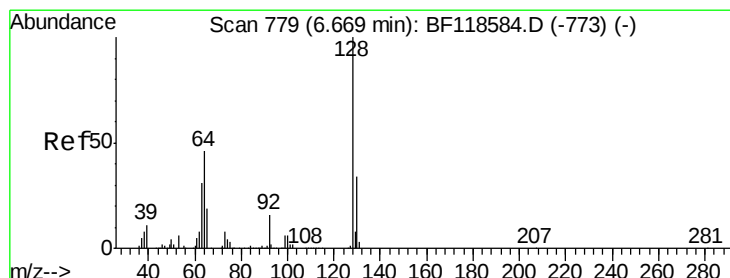
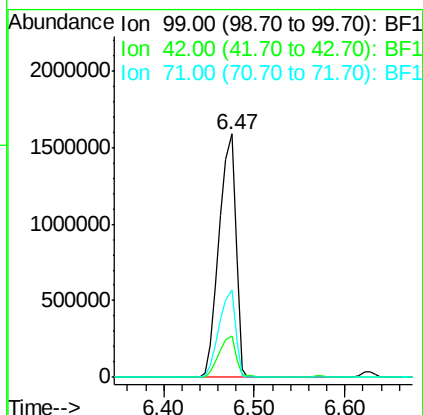
RBR-56MSD

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#8

2-Chlorophenol

Concen: 49.377 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

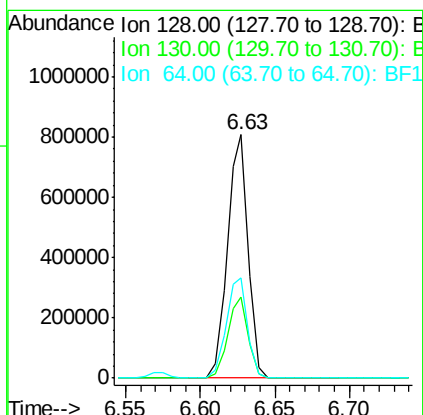
Tgt Ion: 128 Resp: 787283

Ion Ratio Lower Upper

128 100

130 33.2 12.8 52.8

64 41.0 24.5 64.5





#9

Benzaldehyde

Concen: 33.262 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Instrument :

BNA_F

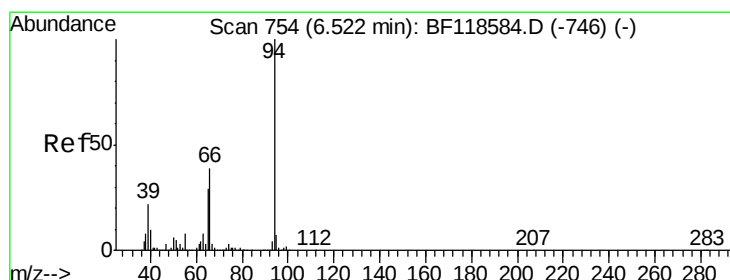
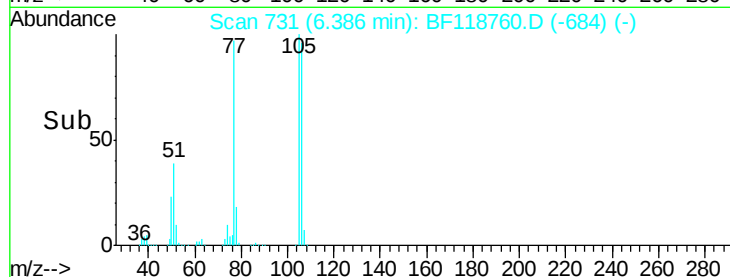
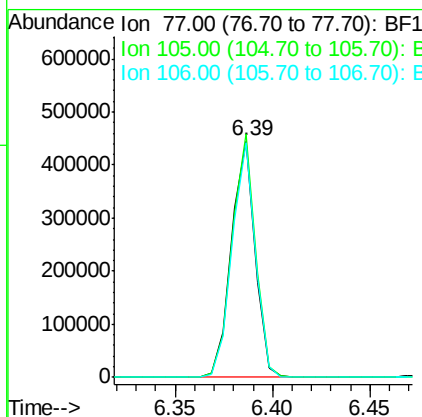
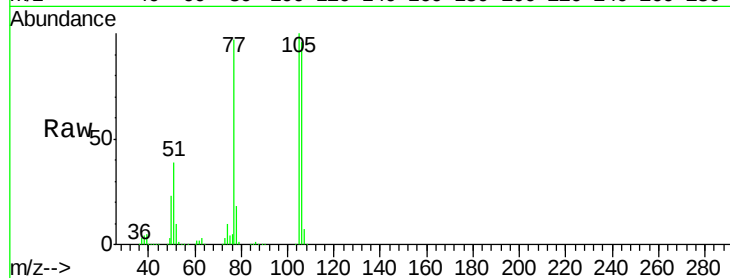
ClientSampleId :

RBR-56MSD

Tot Ion:	77	Resp:	373489
Ion	Ratio	Lower	Upper
77	100		
105	103.1	84.3	124.3
106	99.1	80.4	120.4

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#10

Phenol

Concen: 44.620 ng

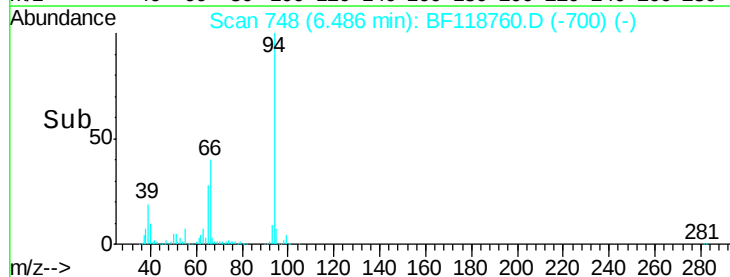
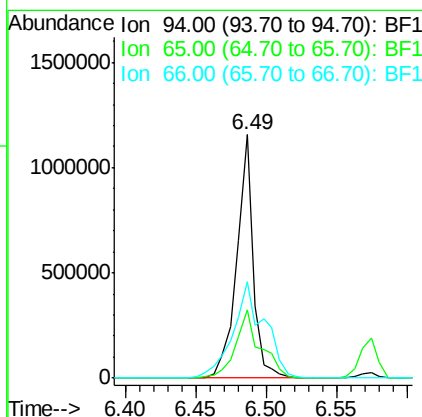
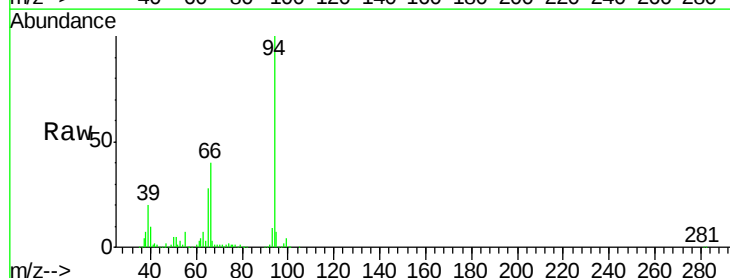
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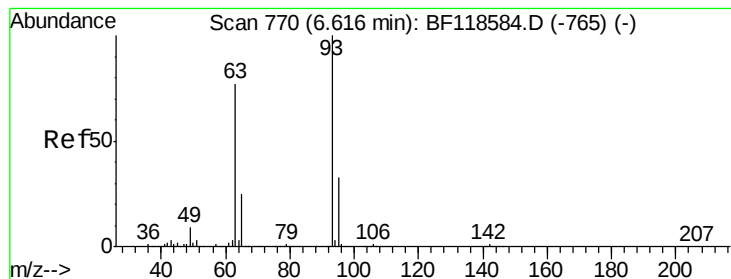
Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Tgt Ion:	94	Resp:	938839
Ion	Ratio	Lower	Upper
94	100		
65	28.0	7.9	47.9
66	39.6	19.1	59.1





#11

bis(2-Chloroethyl)ether

Concen: 45.325 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Instrument :

BNA_F

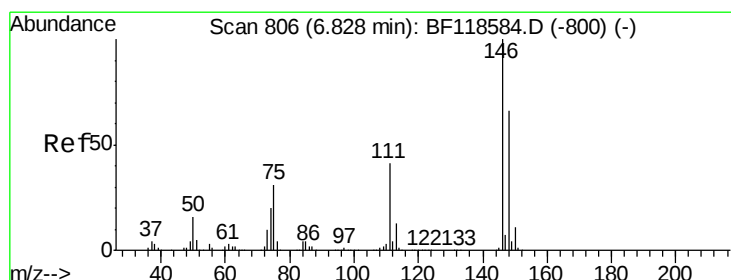
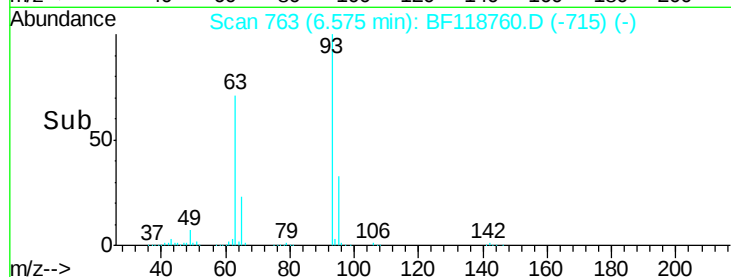
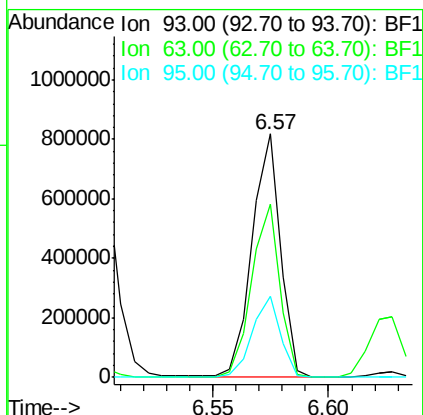
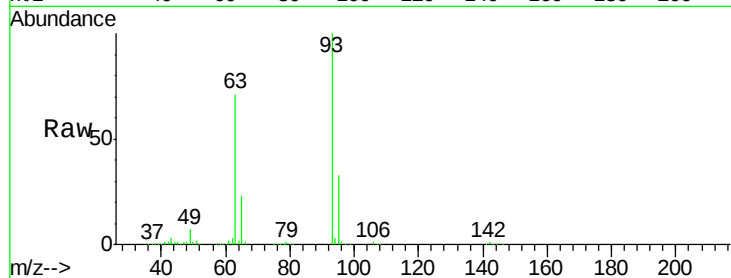
ClientSampled :

RBR-56MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.2	52.1	92.1
95	33.1	13.2	53.2

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#12

1,3-Dichlorobenzene

Concen: 45.479 ng

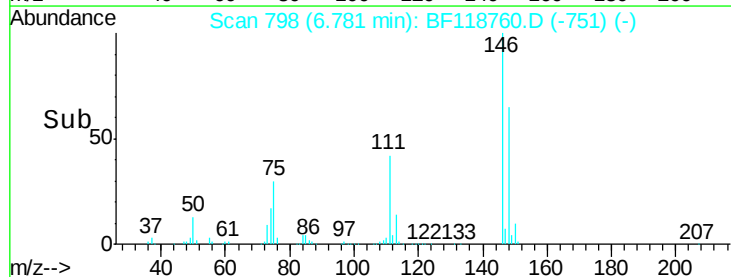
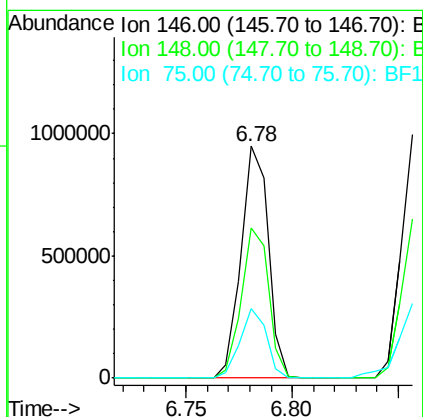
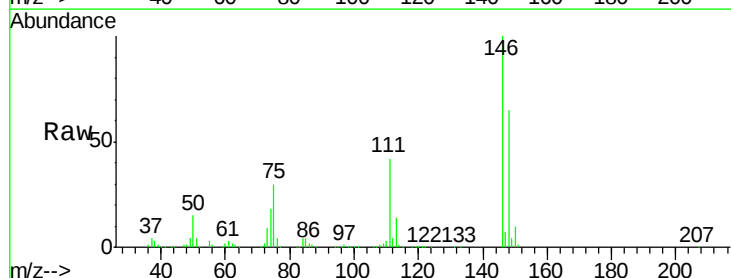
RT: 6.78 min Scan# 798

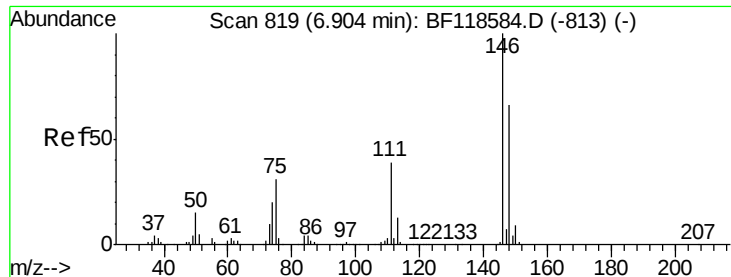
Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.2	78.4
75	30.3	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 45.506 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Instrument :

BNA_F

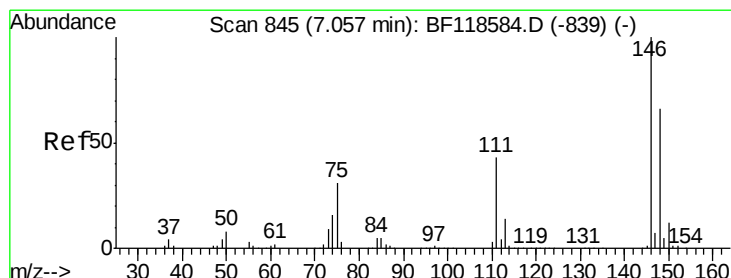
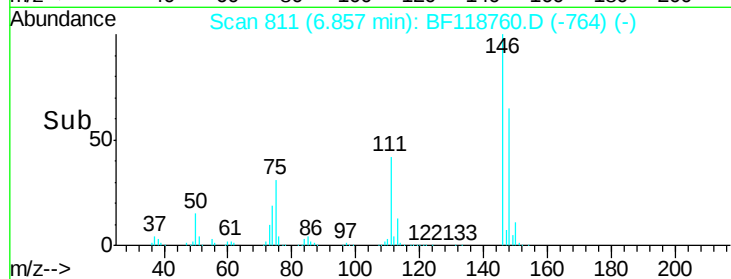
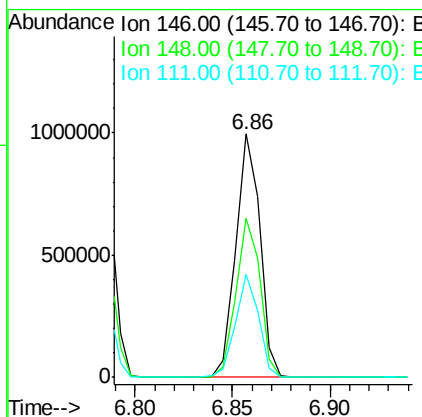
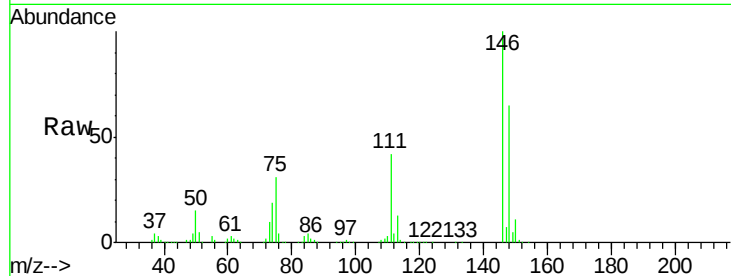
ClientSampled :

RBR-56MSD

Tot Ion:	146	Resp:	852487
Ion Ratio	Lower	Upper	
146	100		
148	65.3	51.5	77.3
111	42.0	31.8	47.6

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#14

1,2-Dichlorobenzene

Concen: 45.288 ng

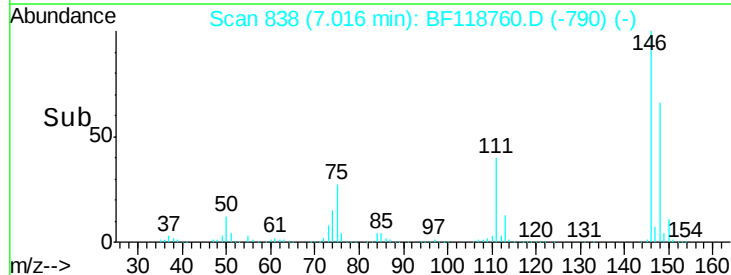
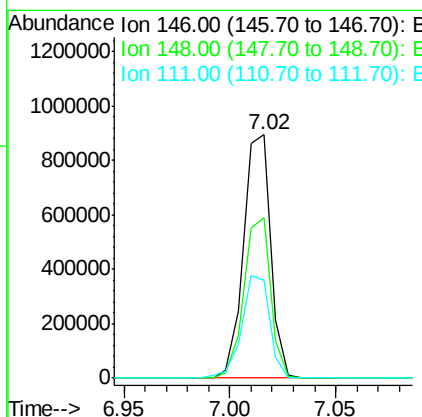
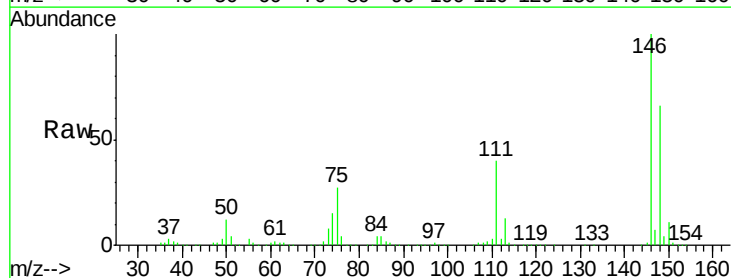
RT: 7.02 min Scan# 838

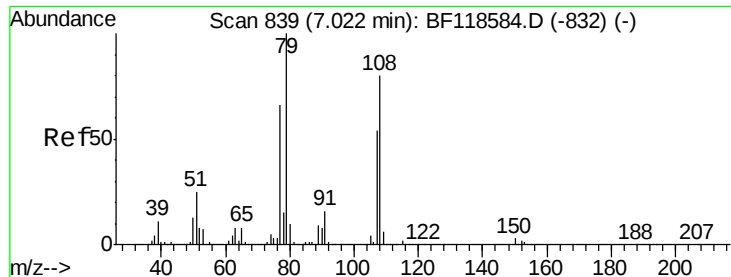
Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Tgt Ion:	146	Resp:	797540
Ion Ratio	Lower	Upper	
146	100		
148	65.9	51.7	77.5
111	40.2	35.3	52.9





#15

Benzyl Alcohol

Concen: 45.220 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Instrument :

BNA_F

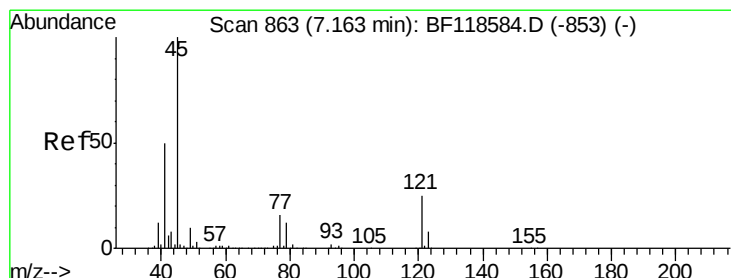
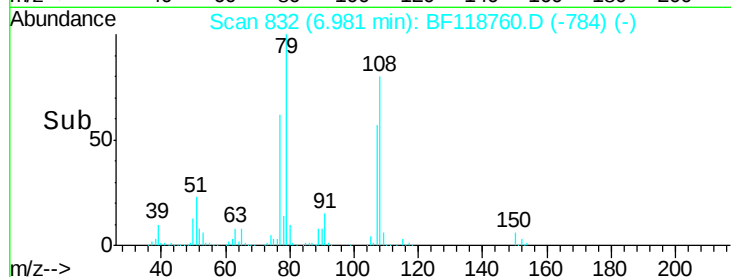
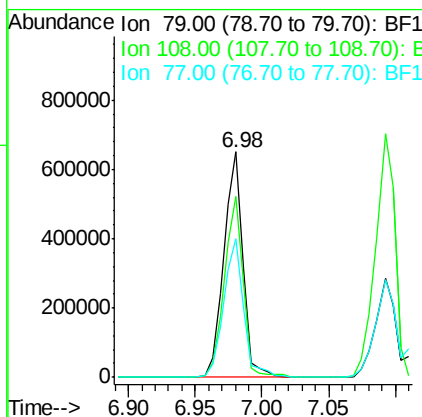
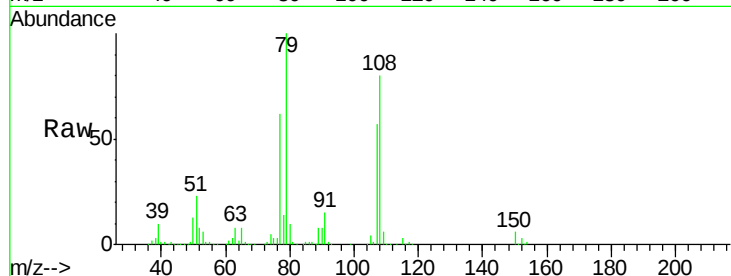
ClientSampleId :

RBR-56MSD

Tot Ion:	79	Resp:	662092
Ion Ratio	Lower	Upper	
79	100		
108	80.2	63.4	95.2
77	61.8	49.8	74.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.661 ng

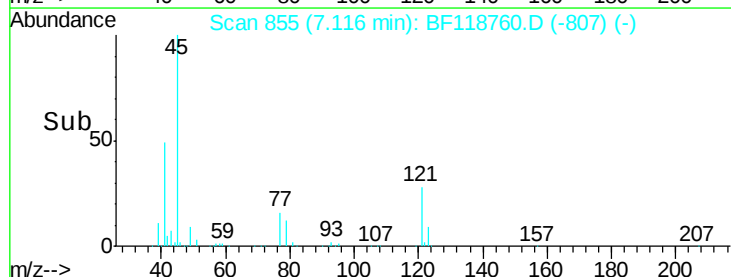
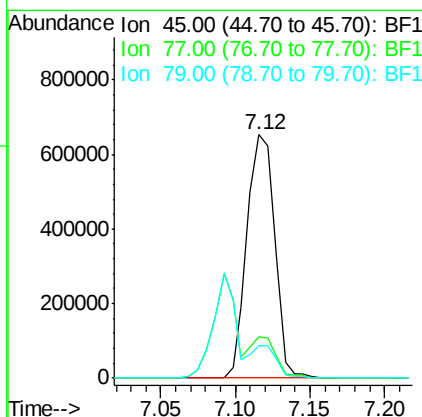
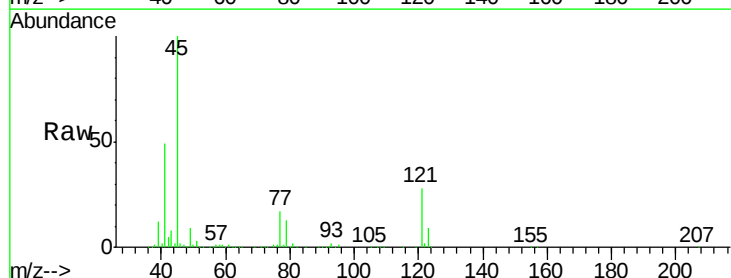
RT: 7.12 min Scan# 855

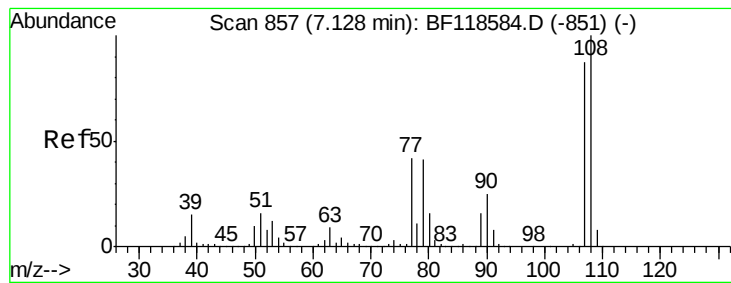
Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Tgt Ion:	45	Resp:	840649
Ion Ratio	Lower	Upper	
45	100		
77	17.1	0.0	36.9
79	13.2	0.0	32.5





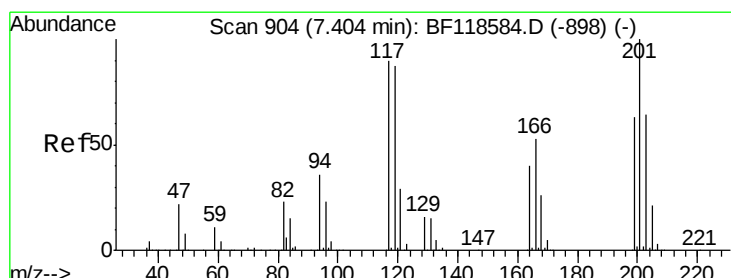
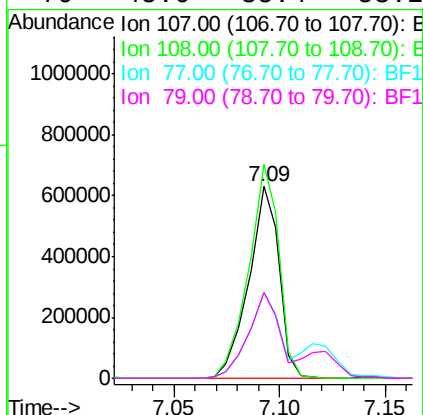
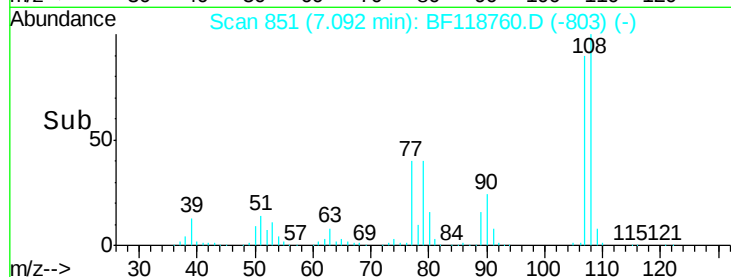
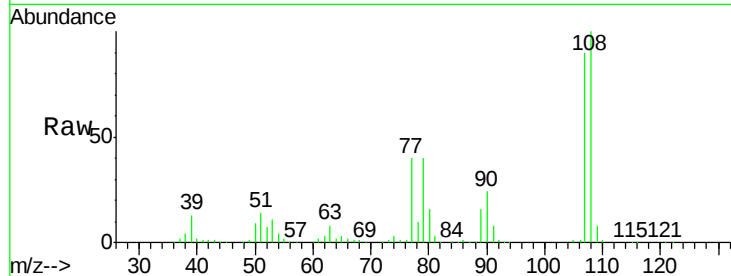
#17
2-Methylphenol
Concen: 47.342 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.02 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Instrument :
BNA_F
ClientSampleId :
RBR-56MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.4	88.0	132.0	
77	44.5	35.3	52.9	
79	45.0	35.4	53.2	

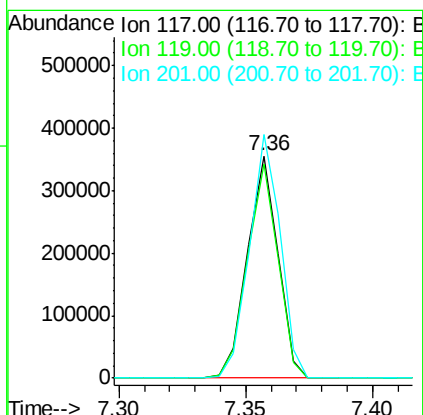
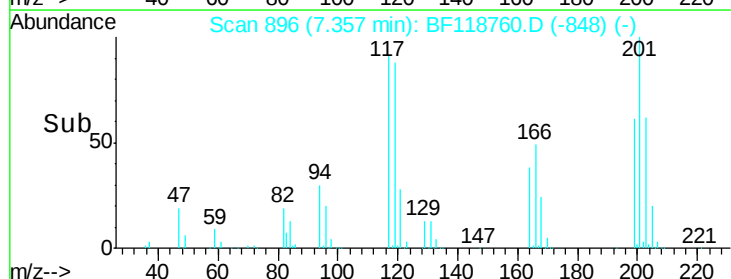
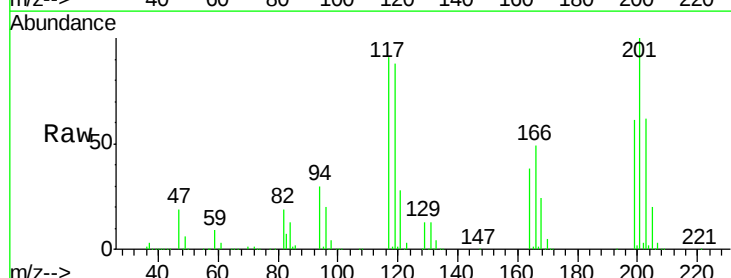
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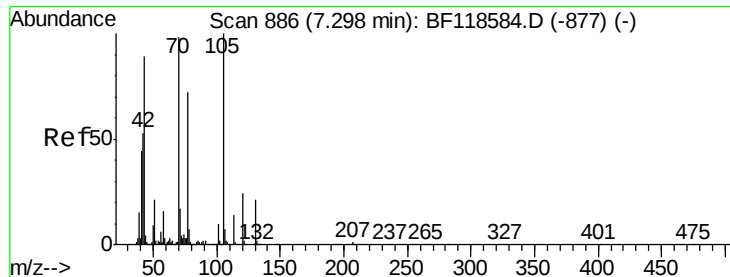
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#18
Hexachloroethane
Concen: 44.131 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	76.2	114.2	
201	109.6	83.3	124.9	





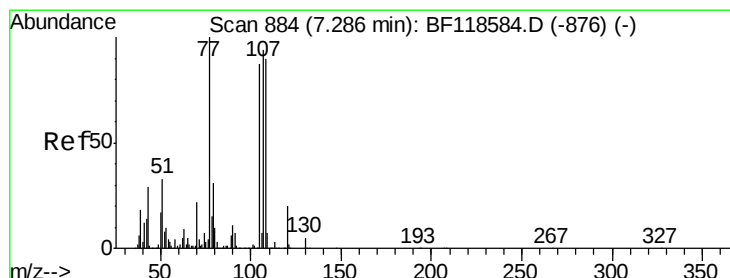
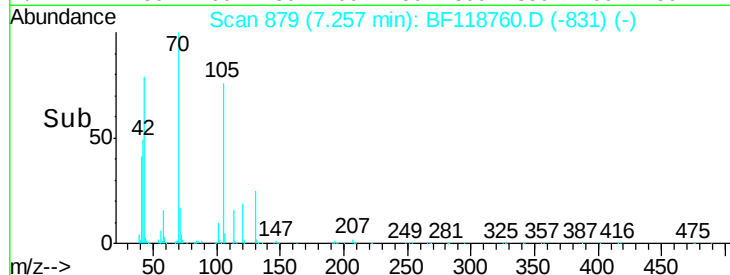
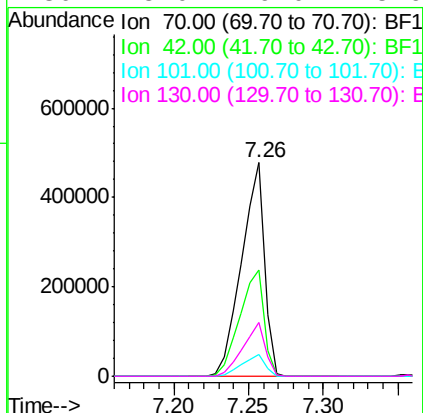
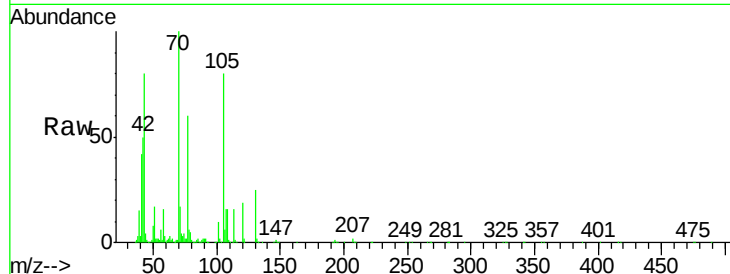
#19
n-Nitroso-di-n-propylamine
Concen: 40.974 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Instrument :
BNA_F
ClientSampleId :
RBR-56MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	49.6	41.6	62.4
101	10.4	7.9	11.9
130	25.0	19.0	28.6

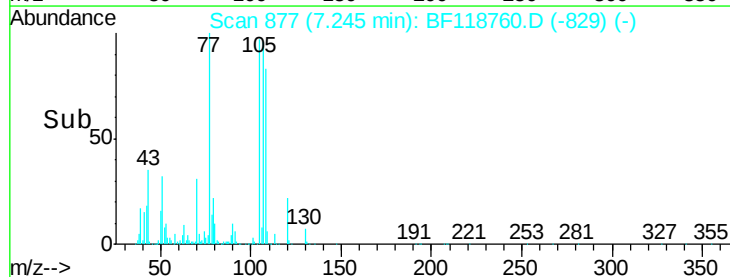
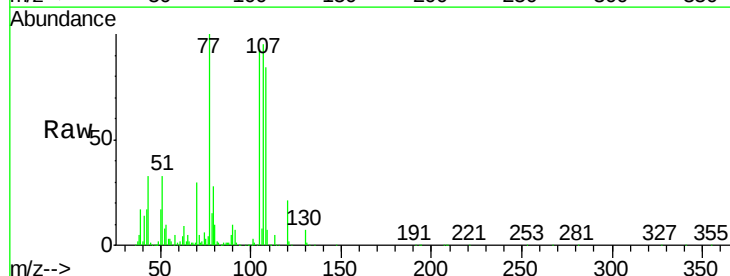
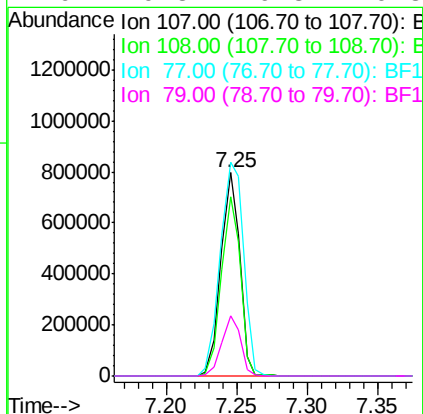
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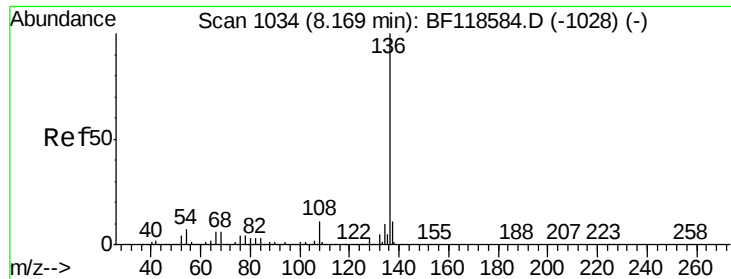
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#20
3+4-Methylphenols
Concen: 45.691 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.3	67.5	107.5
77	105.1	73.6	113.6
79	29.8	9.3	49.3





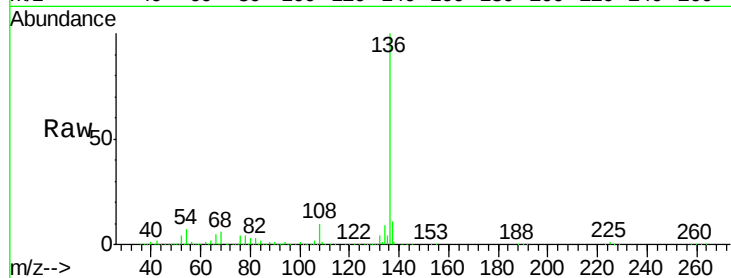
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Instrument :
BNA_F
ClientSampleId :
RBR-56MSD

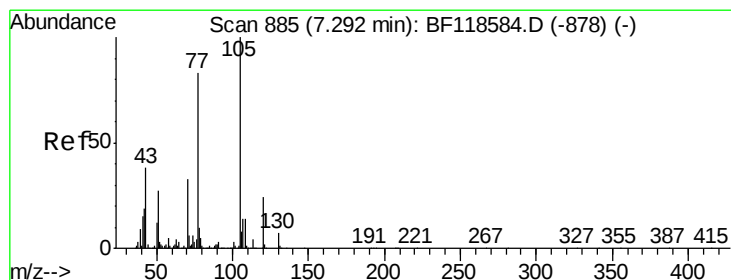
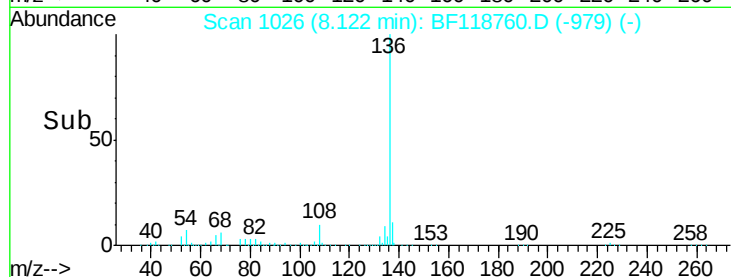
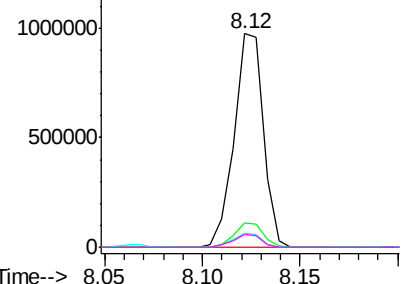
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	6.7	5.1	7.7
68	5.9	4.3	6.5

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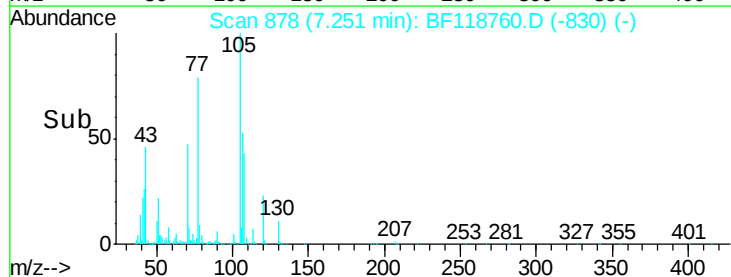
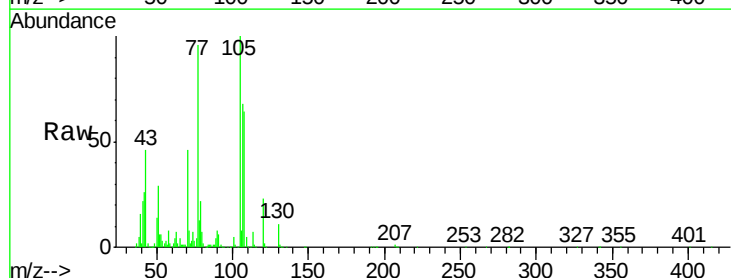
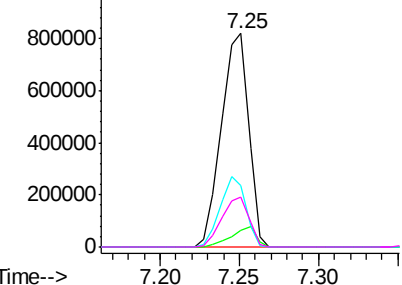
Abundance Ion 136.00 (135.70 to 136.70): E
1500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

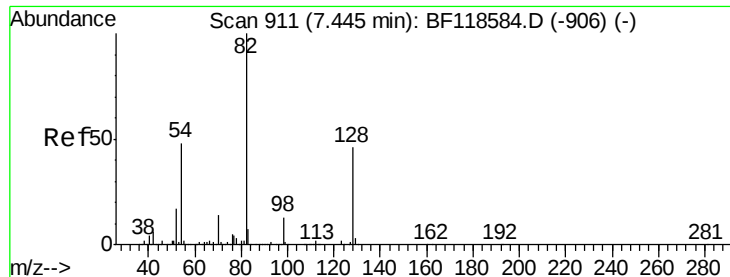


#22
Acetophenone
Concen: 40.716 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Tgt Ion	Ratio	Lower	Upper
105	100		
71	7.8	4.3	6.5#
51	29.0	23.5	35.3
120	23.1	18.6	28.0

Abundance Ion 105.00 (104.70 to 105.70): E
1200000
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





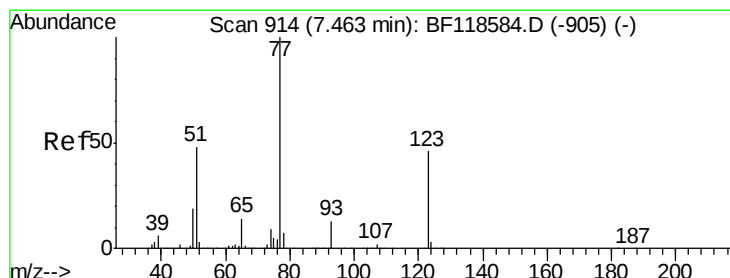
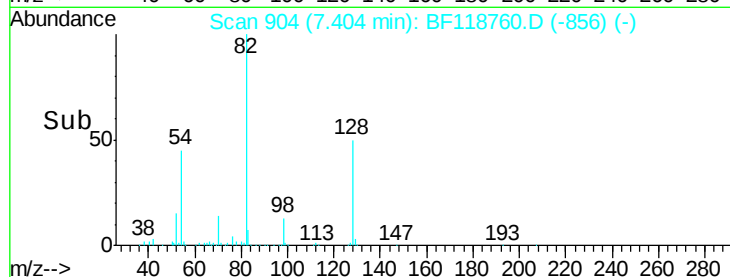
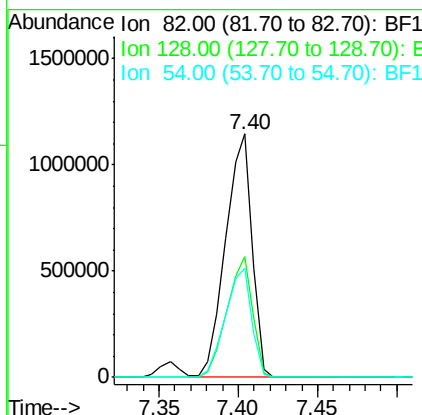
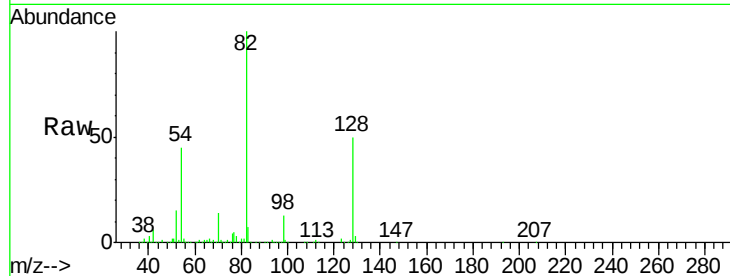
#23
 Nitrobenzene-d5
 Concen: 73.002 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BF118760.D
 Acq: 30 Jan 2020 19:20

Instrument :
 BNA_F
 ClientSampleId :
 RBR-56MSD

Tot Ion	82	Resp	1320939
Ion	Ratio	Lower	Upper
82	100		
128	49.5	38.2	57.2
54	44.7	36.1	54.1

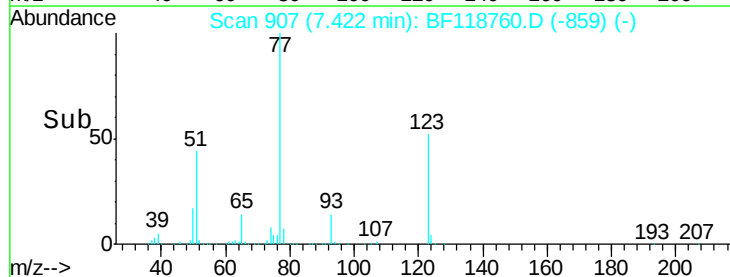
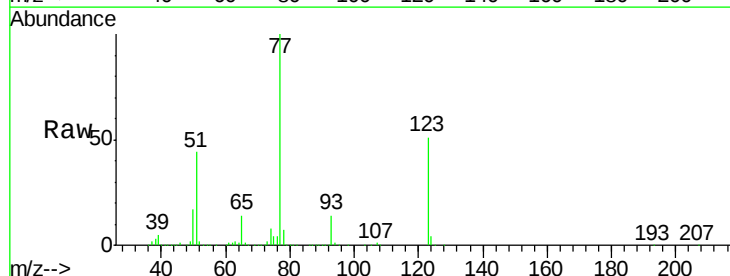
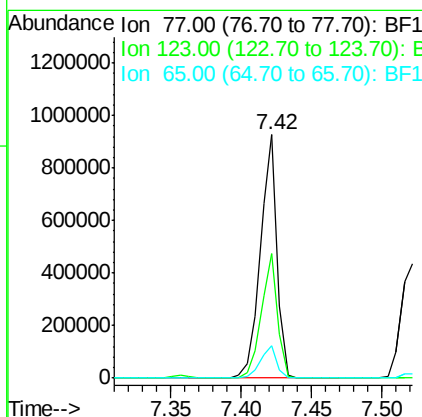
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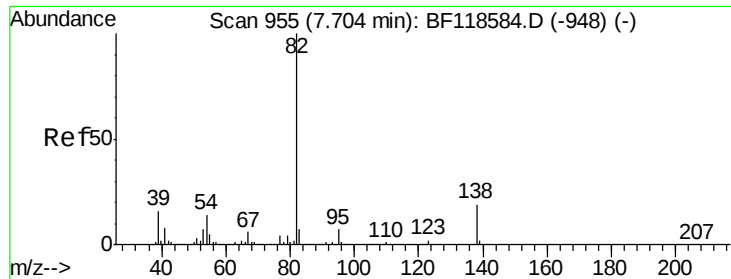
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#24
 Nitrobenzene
 Concen: 41.545 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.02 min
 Lab File: BF118760.D
 Acq: 30 Jan 2020 19:20

Tgt Ion	77	Resp	769715
Ion	Ratio	Lower	Upper
77	100		
123	51.3	39.2	58.8
65	13.5	10.6	15.8





#25

Isophorone

Concen: 43.656 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Instrument :

BNA_F

ClientSampleId :

RBR-56MSD

Tot Ion: 82 Resp: 1440802

Ion Ratio Lower Upper

82 100

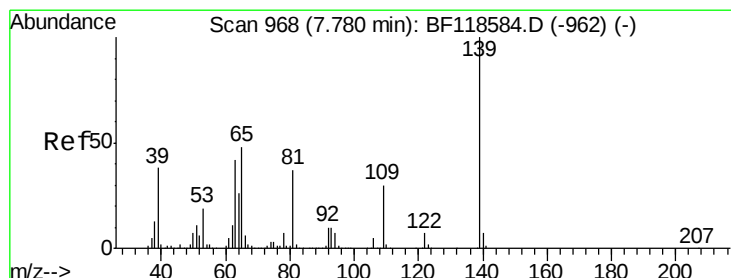
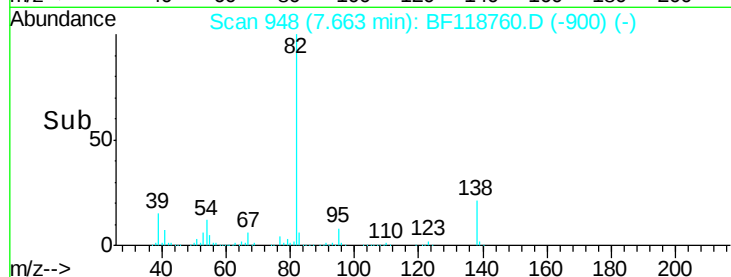
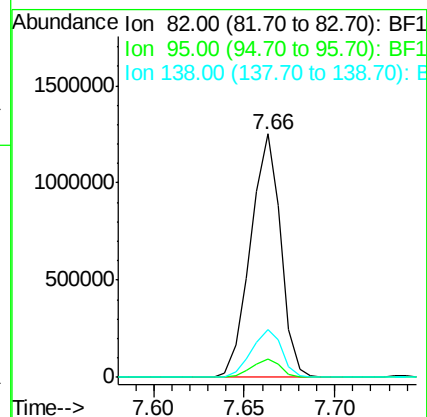
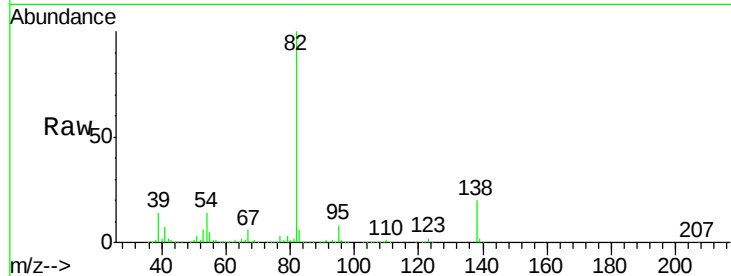
95 7.6 5.8 8.8

138 19.7 15.8 23.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 54.096 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

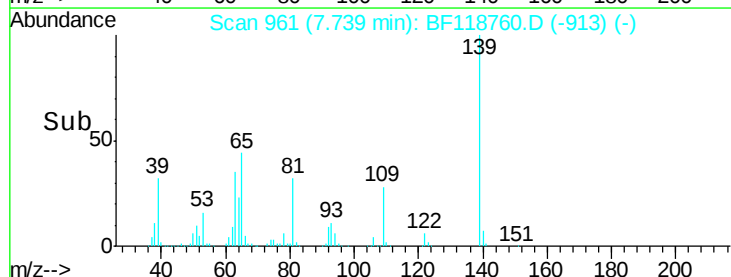
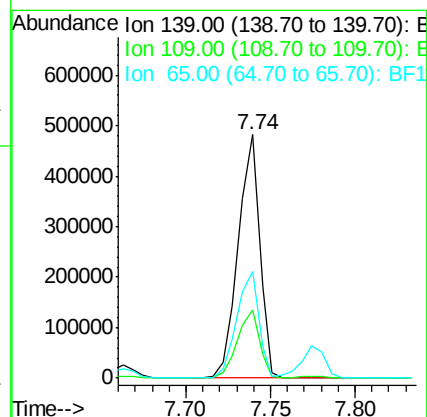
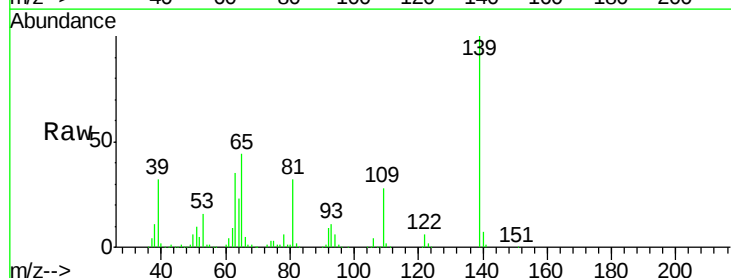
Tgt Ion: 139 Resp: 427411

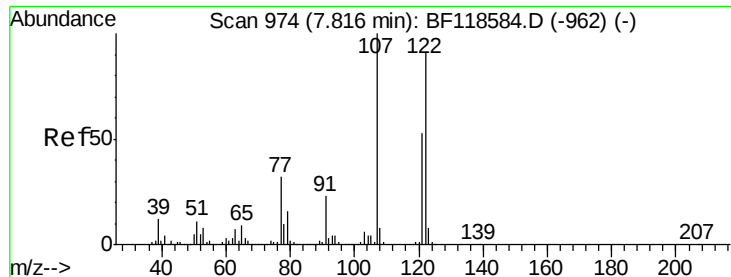
Ion Ratio Lower Upper

139 100

109 27.9 23.1 34.7

65 43.7 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 49.930 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Instrument :

BNA_F

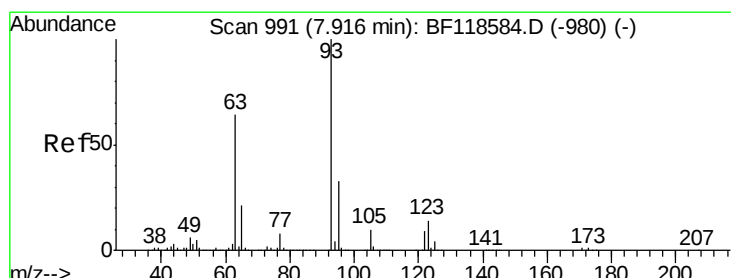
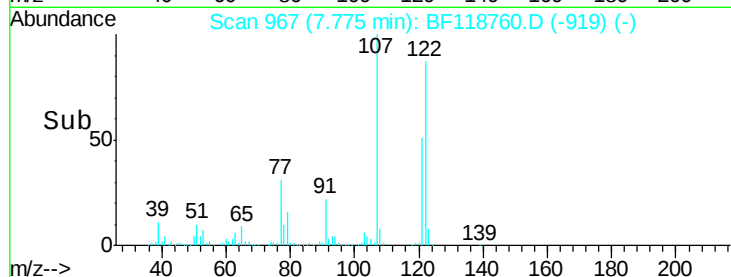
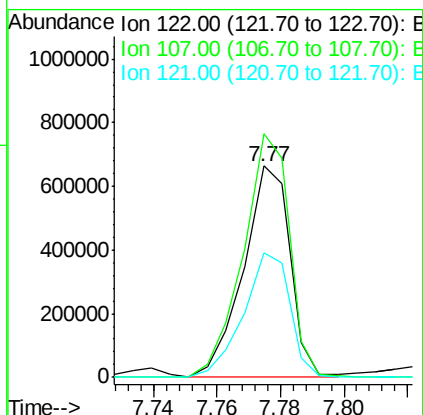
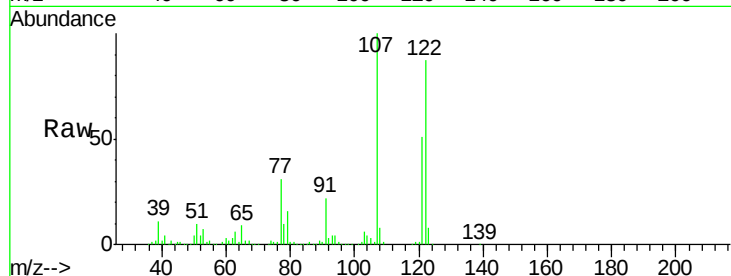
ClientSampled :

RBR-56MSD

Tot Ion:	122	Resp:	681207
Ion Ratio	Lower	Upper	
122	100		
107	115.2	91.8	137.8
121	59.2	46.8	70.2

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#28

bis(2-Chloroethoxy)methane

Concen: 42.033 ng

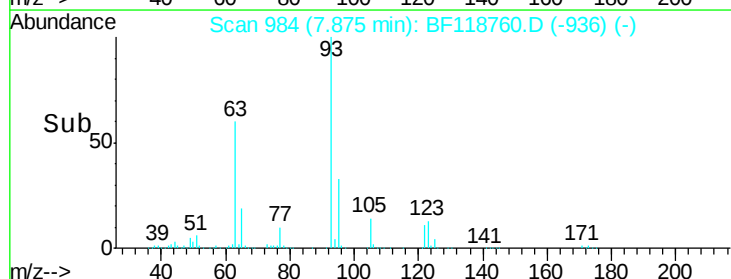
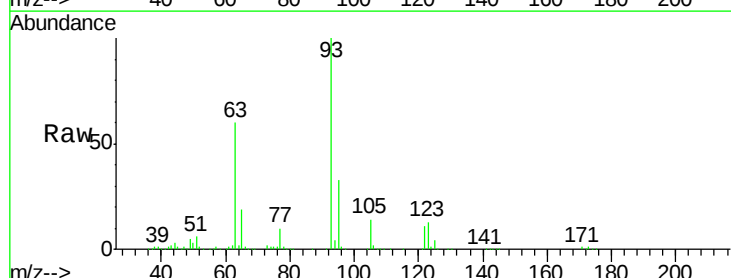
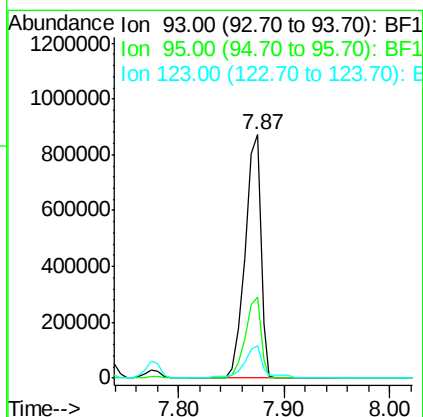
RT: 7.87 min Scan# 984

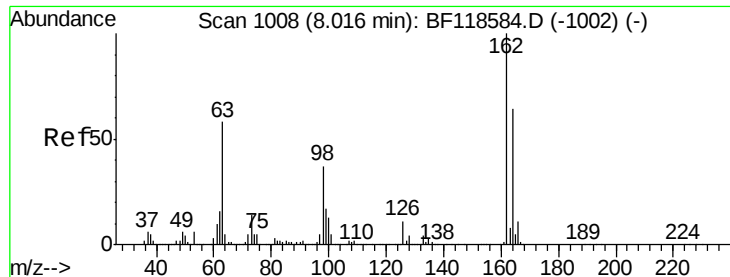
Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Tgt Ion:	93	Resp:	893863
Ion Ratio	Lower	Upper	
93	100		
95	33.4	26.8	40.2
123	13.5	10.7	16.1





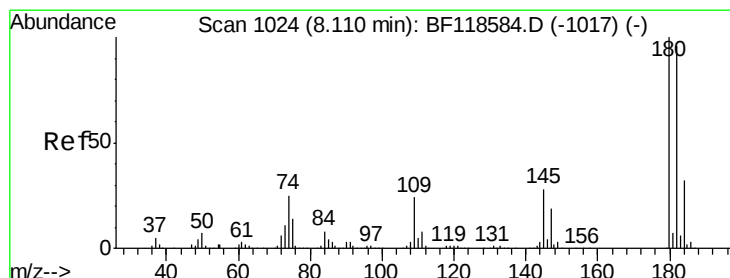
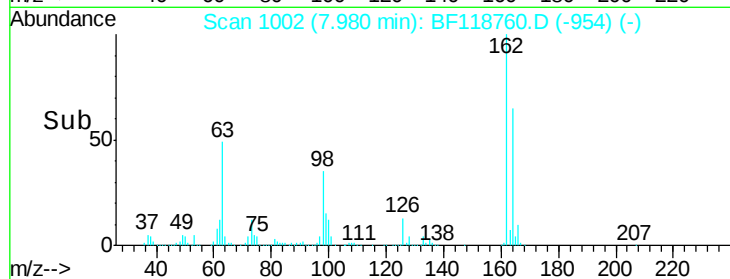
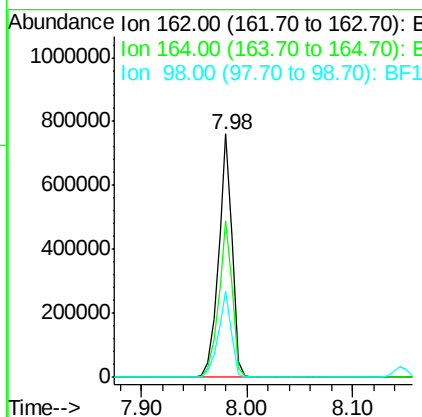
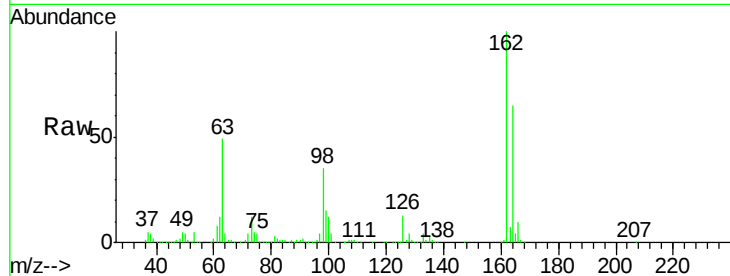
#29
2,4-Dichlorophenol
Concen: 45.938 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Instrument :
BNA_F
ClientSampled :
RBR-56MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	692840		
164	64.5	43.8	83.8	
98	35.3	15.0	55.0	

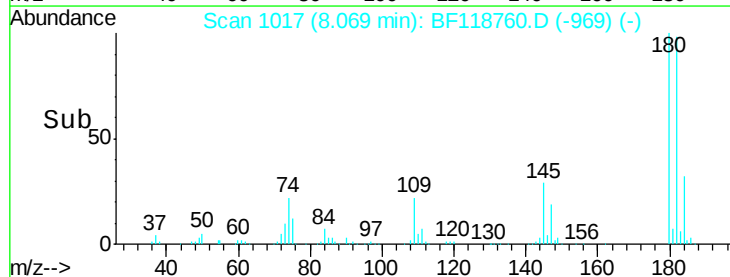
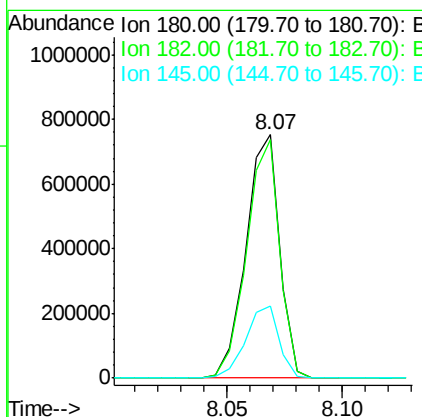
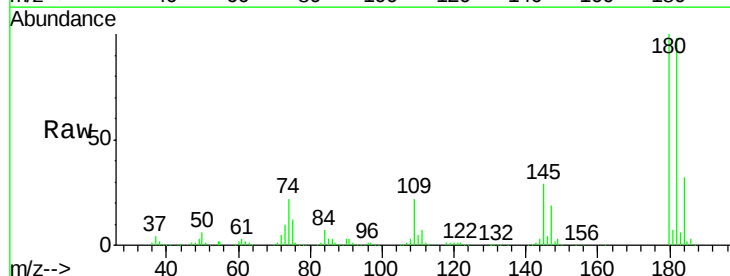
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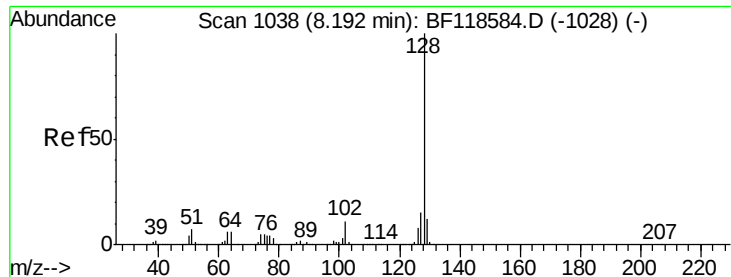
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#30
1,2,4-Trichlorobenzene
Concen: 43.796 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	765879		
182	97.9	77.0	115.4	
145	29.4	23.5	35.3	





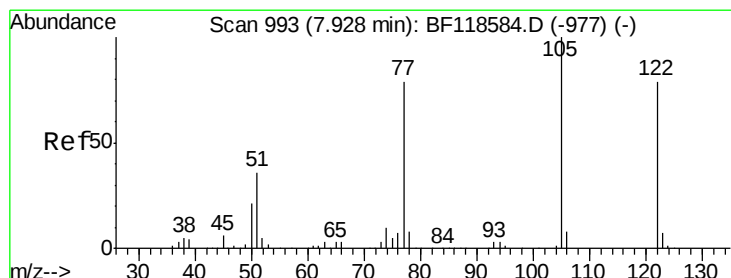
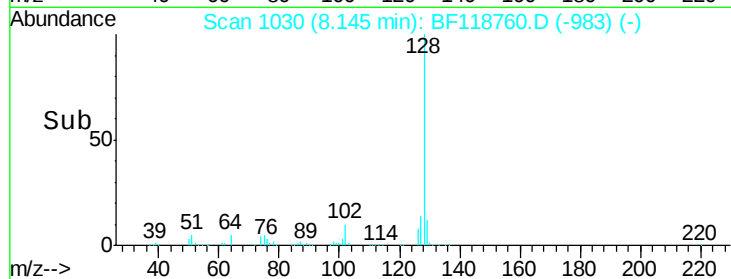
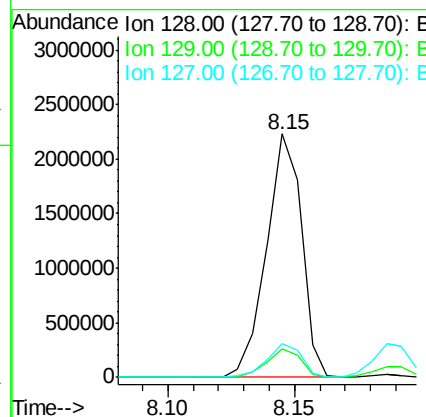
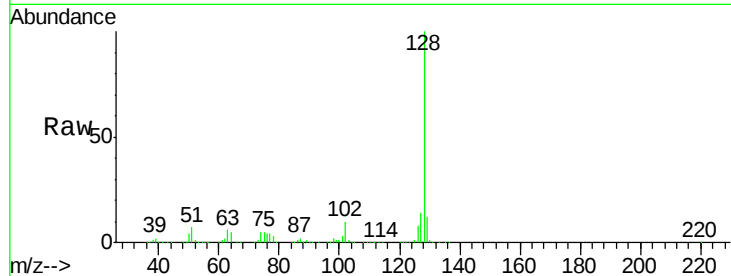
#31
Naphthalene
Concen: 47.073 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Instrument :
BNA_F
ClientSampleId :
RBR-56MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.4	14.0
127	13.9	11.3	16.9

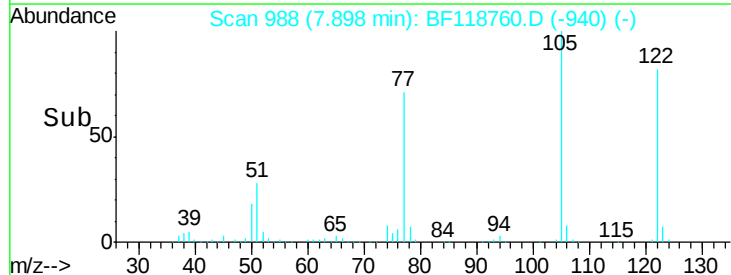
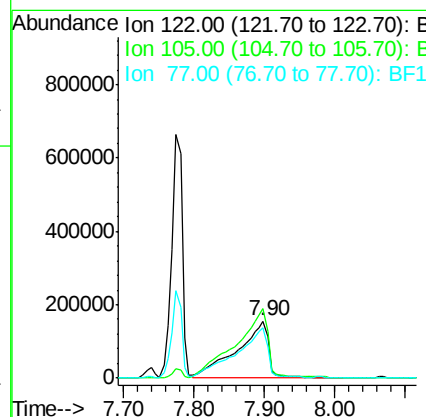
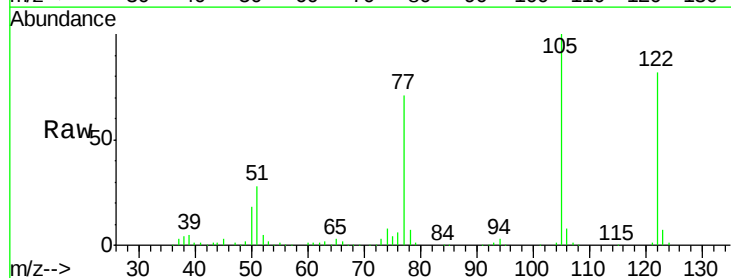
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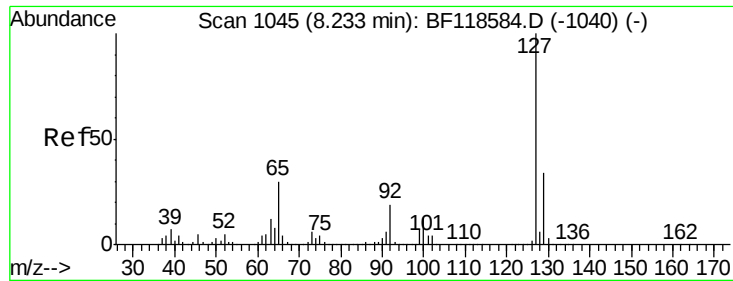
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#32
Benzoic acid
Concen: 46.897 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.02 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.6	100.9	140.9
77	87.4	65.1	105.1





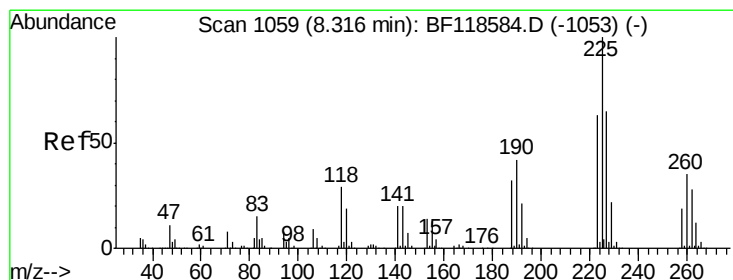
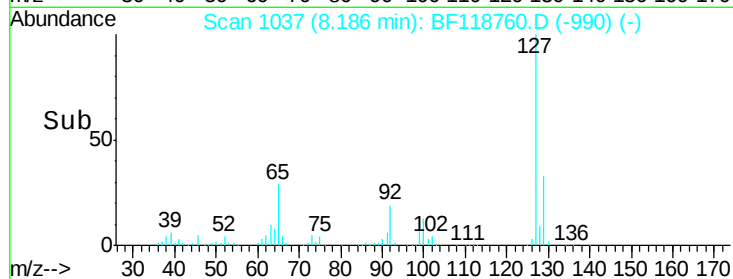
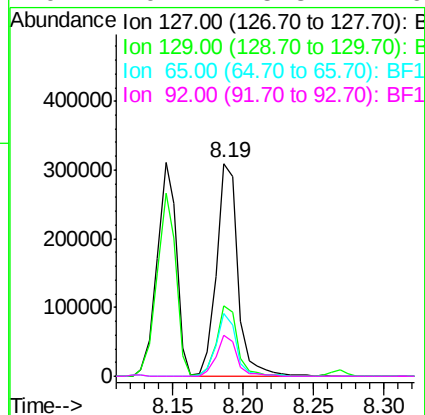
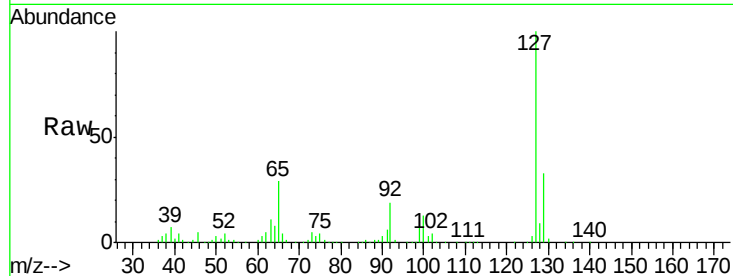
#33
4-Chloroaniline
Concen: 15.410 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Instrument :
BNA_F
ClientSampleId :
RBR-56MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.3	26.4	39.6		
65	29.5	22.6	33.8		
92	19.1	15.3	22.9		

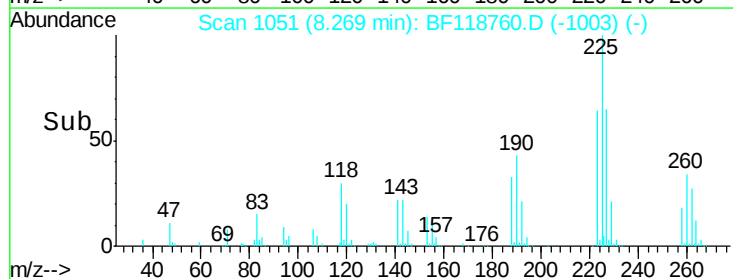
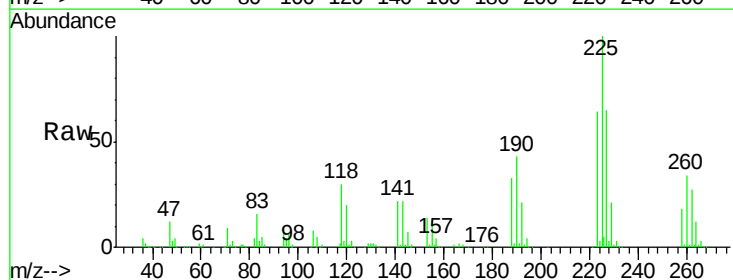
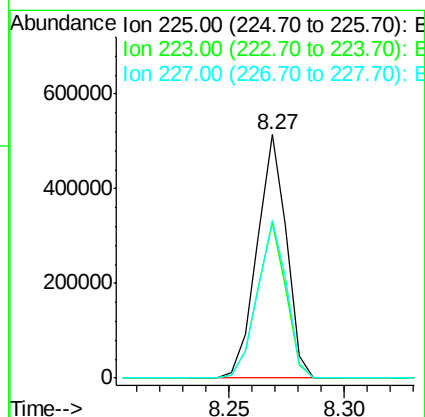
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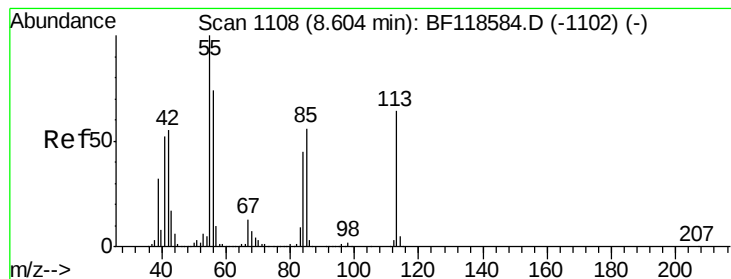
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#34
Hexachlorobutadiene
Concen: 42.861 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.0	50.3	75.5		
227	64.8	50.5	75.7		





#35

Caprolactam

Concen: 47.459 ng/mL

RT: 8.56 min Scan# 1100

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Instrument :

BNA_F

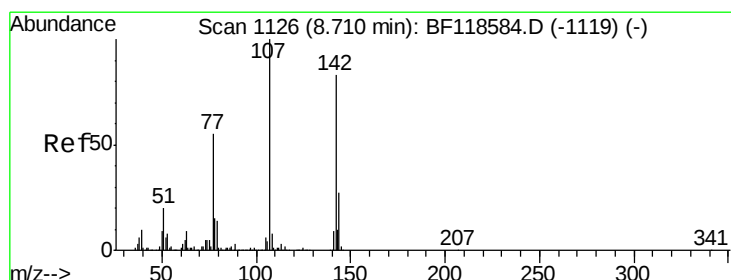
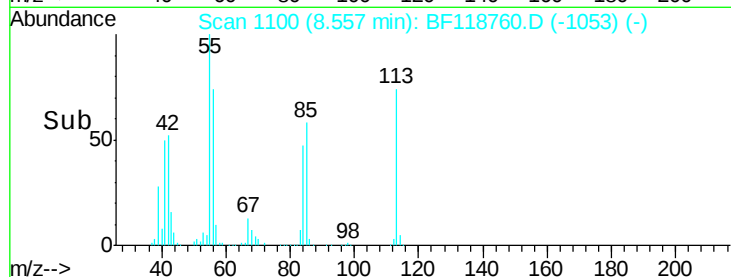
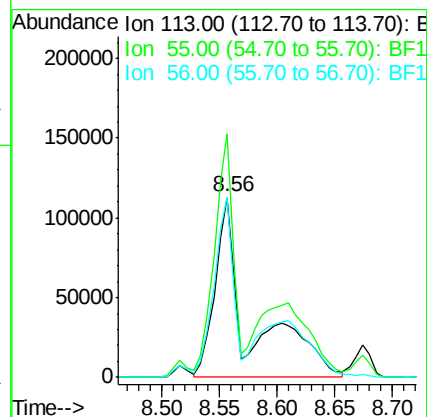
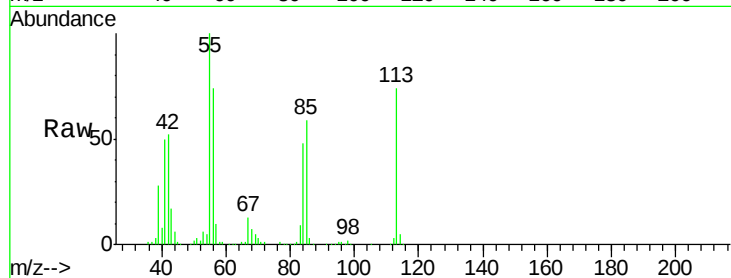
ClientSampleId :

RBR-56MSD

Tot Ion:	113	Resp:	234241
Ion Ratio	Lower	Upper	
113	100		
55	135.3	119.0	159.0
56	99.5	85.4	125.4

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#36

4-Chloro-3-methylphenol

Concen: 48.005 ng/mL

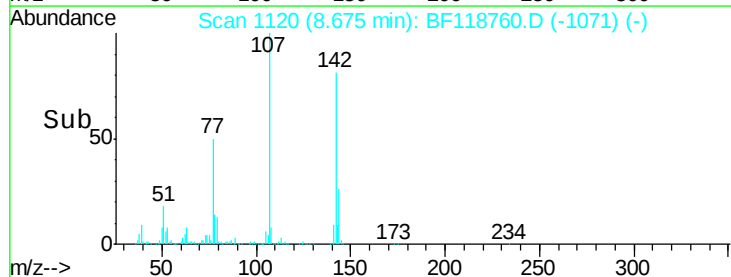
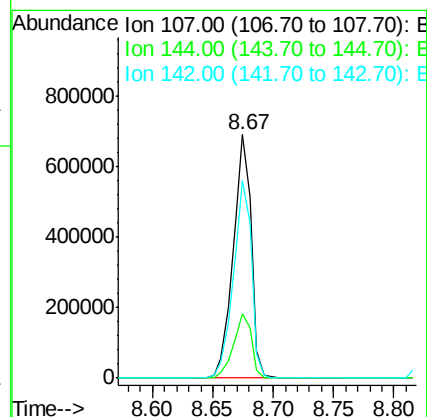
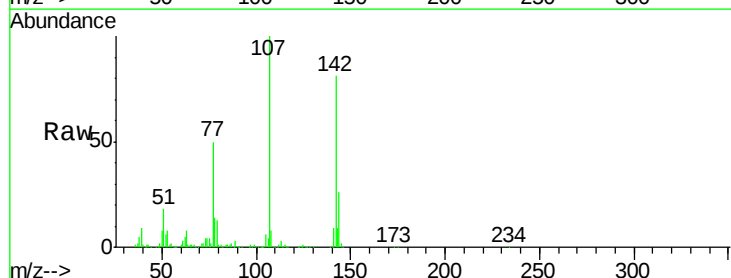
RT: 8.67 min Scan# 1120

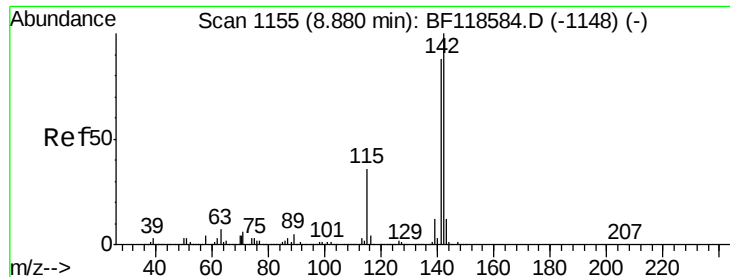
Delta R.T. -0.01 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Tgt Ion:	107	Resp:	714964
Ion Ratio	Lower	Upper	
107	100		
144	26.2	20.9	31.3
142	81.1	64.5	96.7





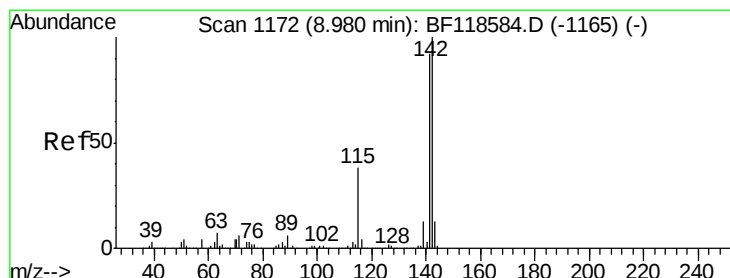
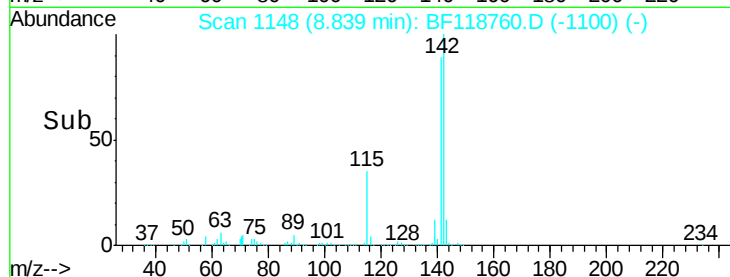
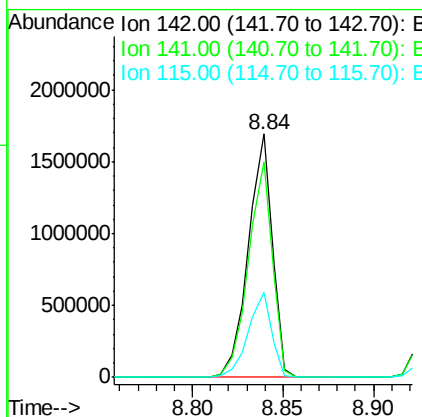
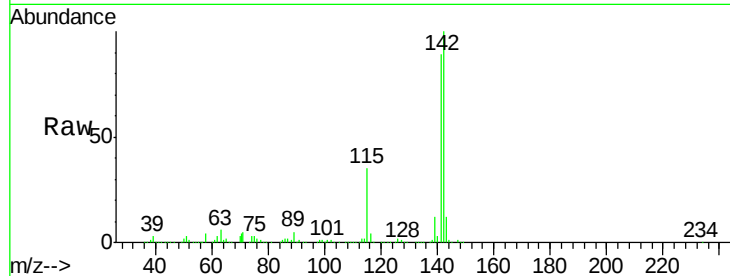
#37
2-Methylnaphthalene
Concen: 48.313 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Instrument :
BNA_F
ClientSampleId :
RBR-56MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.4	107.0
115	34.7	27.5	41.3

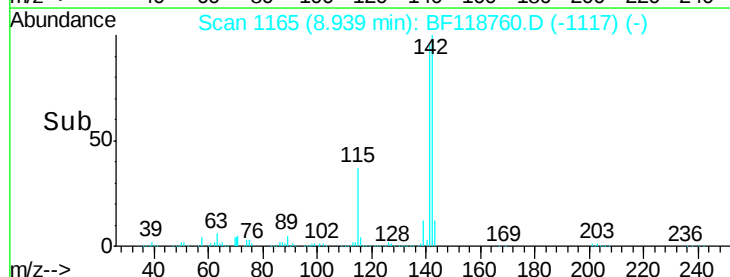
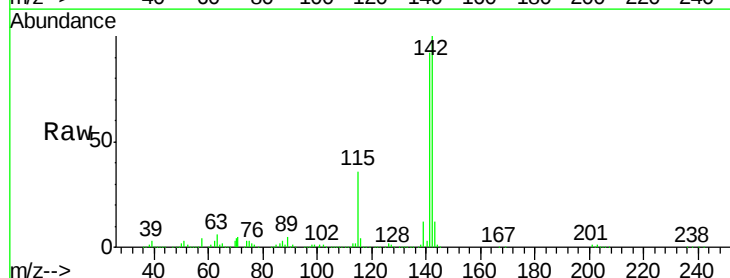
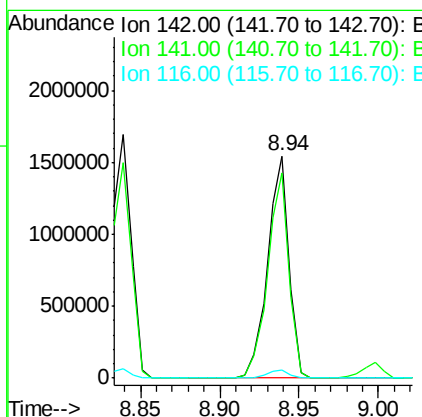
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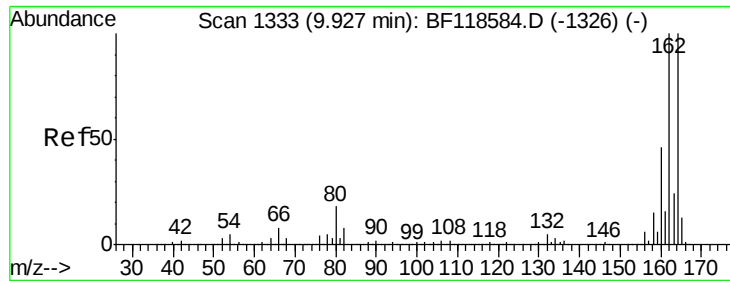
mohammad
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#38
1-Methylnaphthalene
Concen: 47.407 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.02 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.5	110.3
116	3.6	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Instrument :

BNA_F

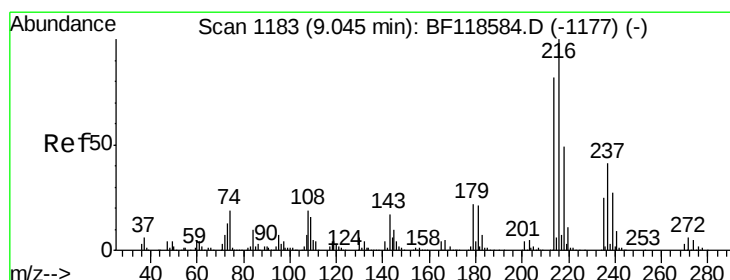
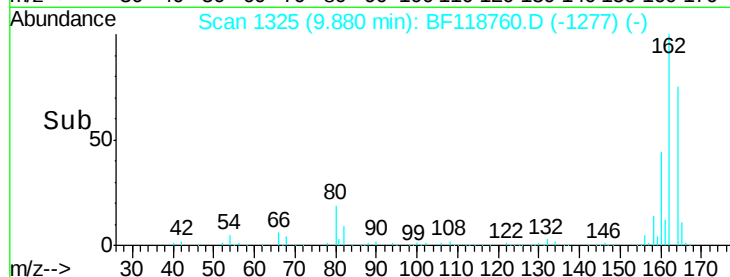
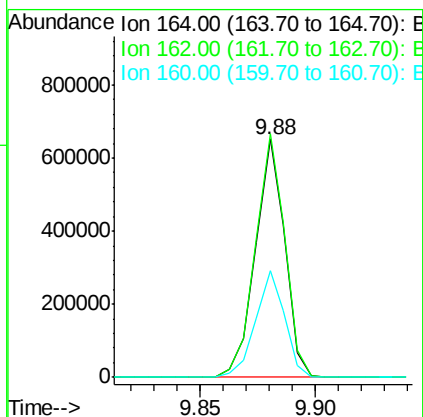
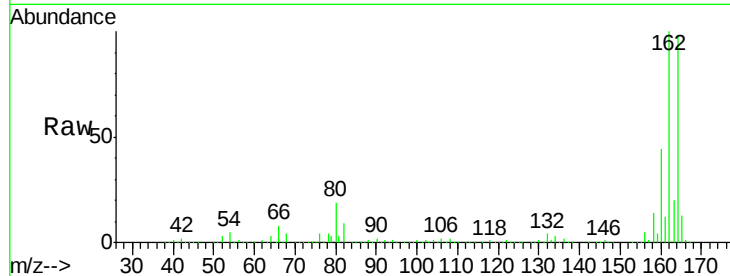
ClientSampleId :

RBR-56MSD

Tot Ion:	164	Resp:	580144
Ion Ratio	Lower	Upper	
164	100		
162	102.2	80.8	121.2
160	44.8	35.4	53.0

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.285 ng

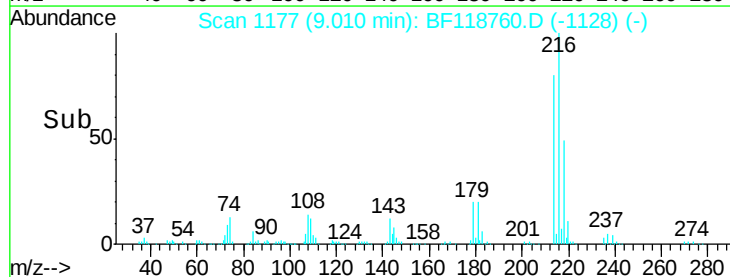
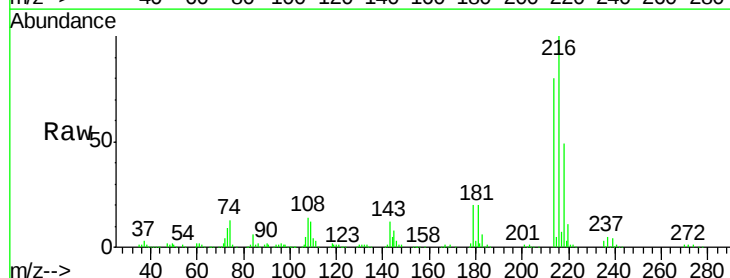
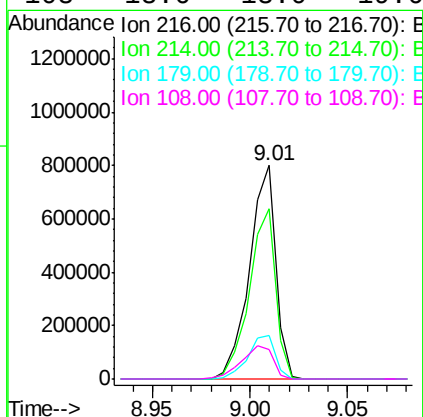
RT: 9.01 min Scan# 1177

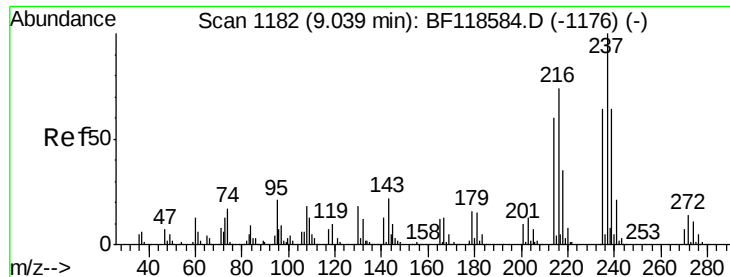
Delta R.T. -0.01 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Tgt Ion:	216	Resp:	749424
Ion Ratio	Lower	Upper	
216	100		
214	79.9	63.4	95.2
179	21.0	17.0	25.4
108	18.6	13.0	19.6





#41

Hexachlorocyclopentadiene

Concen: 89.552 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Instrument :

BNA_F

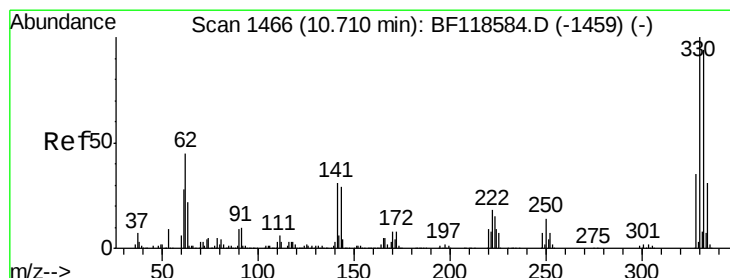
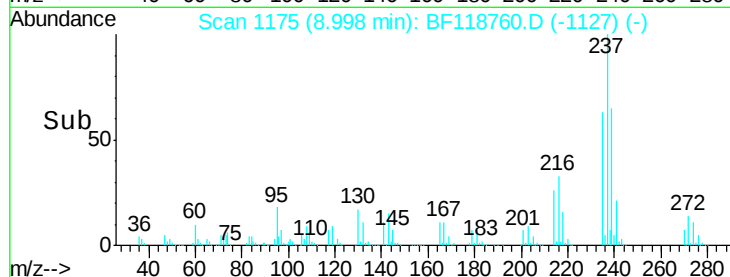
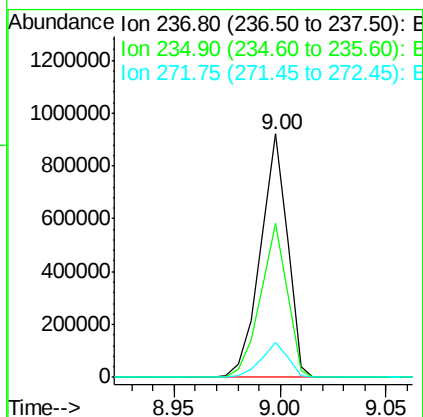
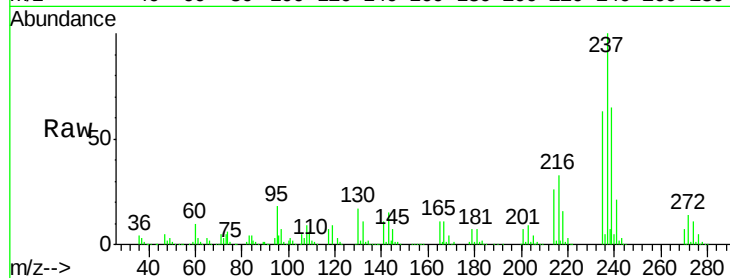
ClientSampleId :

RBR-56MSD

Tot Ion:	237	Resp:	820157
Ion Ratio		Lower	Upper
237	100		
235	63.1	42.7	82.7
272	14.4	0.0	34.4

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#42

2,4,6-Tribromophenol

Concen: 116.948 ng

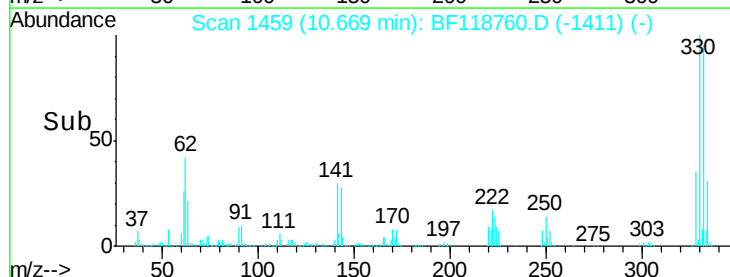
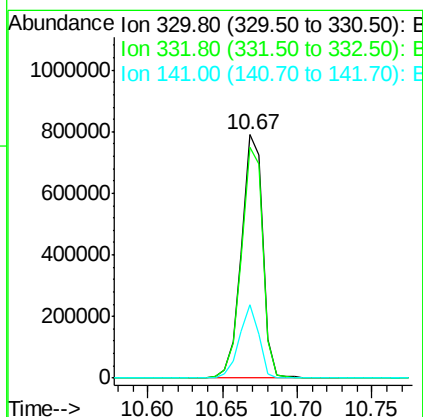
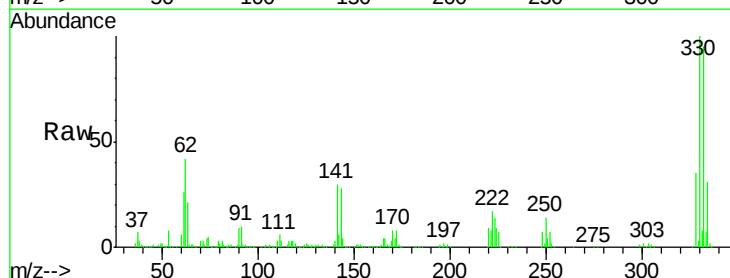
RT: 10.67 min Scan# 1459

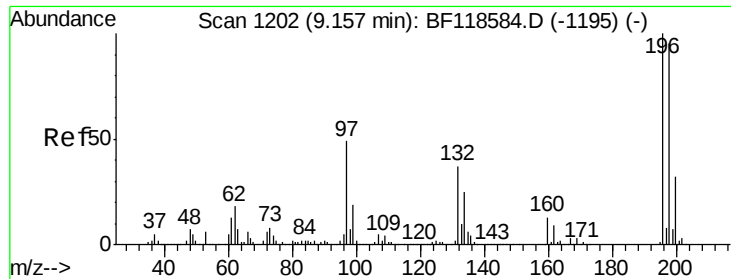
Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Tgt Ion:	330	Resp:	784732
Ion Ratio		Lower	Upper
330	100		
332	95.7	77.6	116.4
141	28.0	22.2	33.2





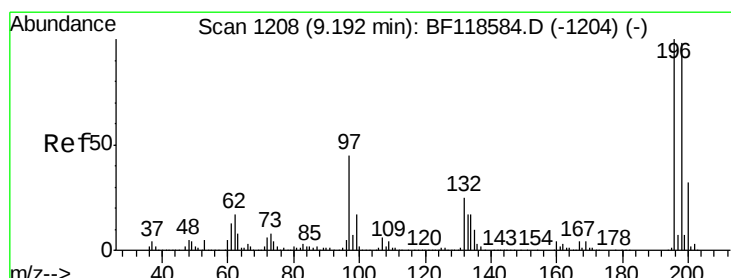
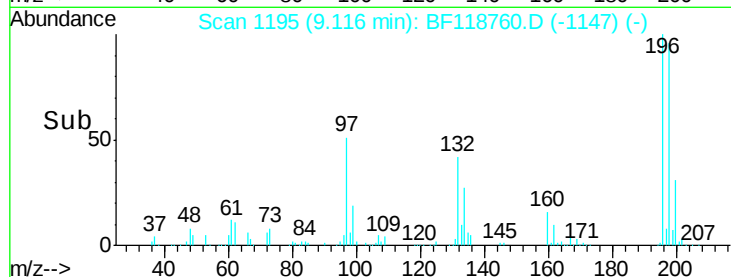
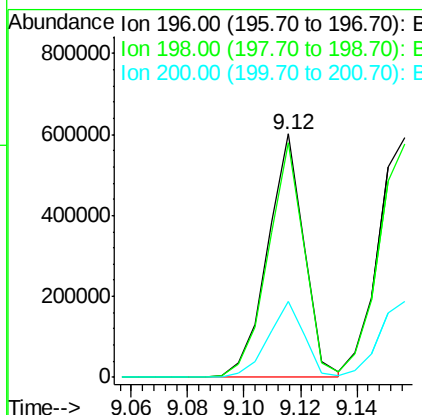
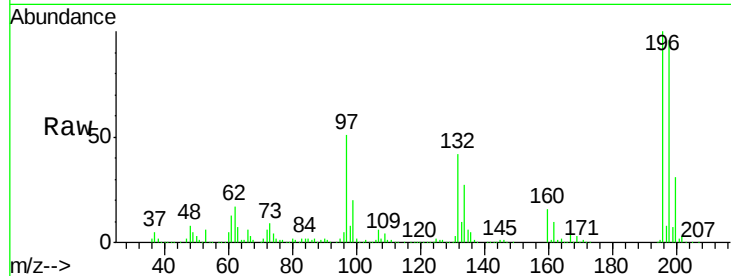
#43
 2,4,6-Trichlorophenol
 Concen: 44.619 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BF118760.D
 Acq: 30 Jan 2020 19:20

Instrument :
 BNA_F
 ClientSampled :
 RBR-56MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	537462		
198	96.4	76.4	114.6	
200	31.3	25.4	38.2	

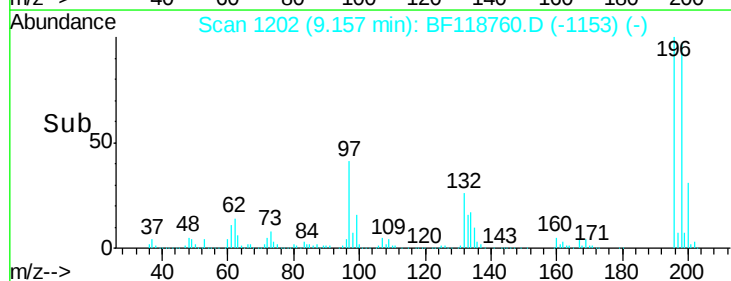
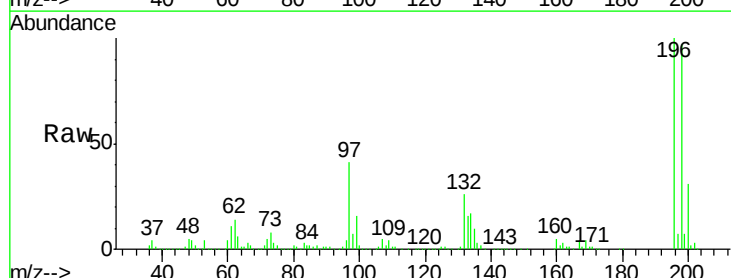
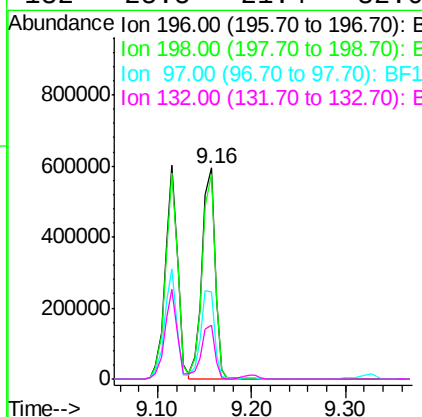
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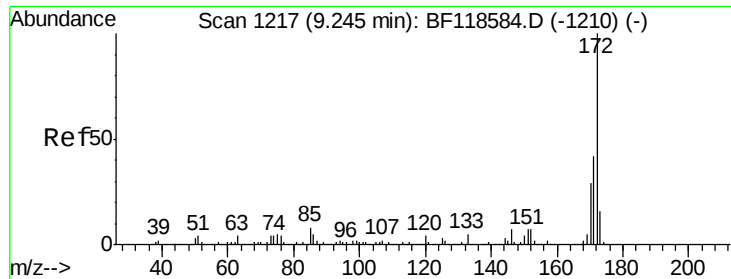
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#44
 2,4,5-Trichlorophenol
 Concen: 47.048 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF118760.D
 Acq: 30 Jan 2020 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	578793		
198	97.3	76.2	114.4	
97	41.4	35.7	53.5	
132	25.5	21.4	32.0	





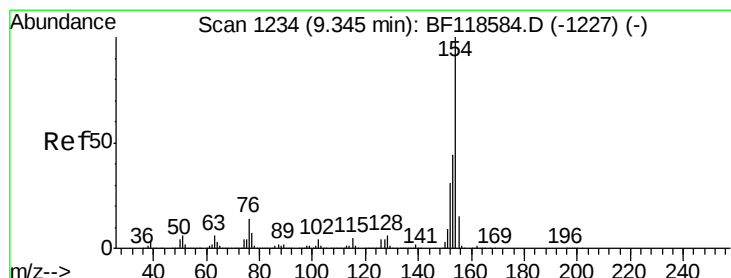
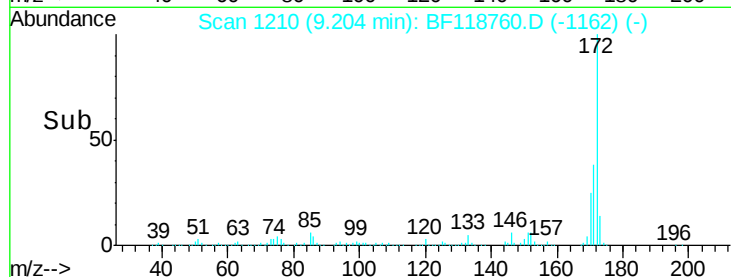
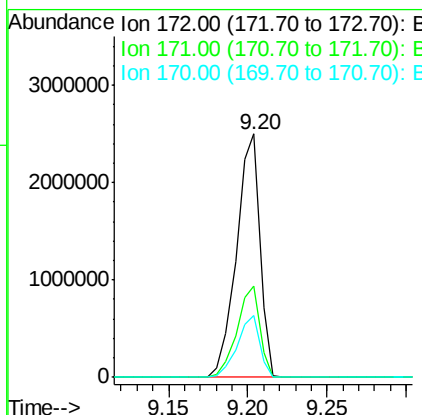
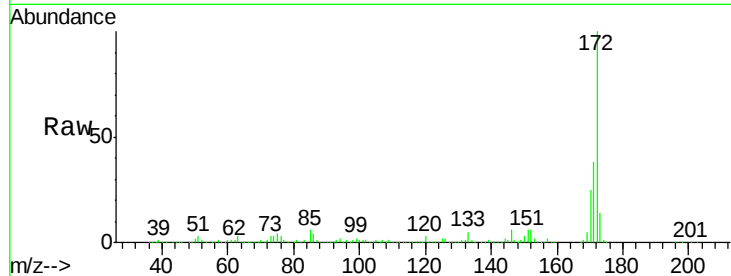
#45
2-Fluorobiphenyl
Concen: 72.149 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.02 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Instrument :
BNA_F
ClientSampleId :
RBR-56MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.0	46.4
170	25.2	20.7	31.1

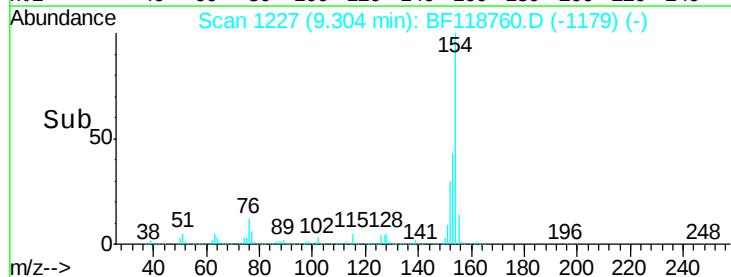
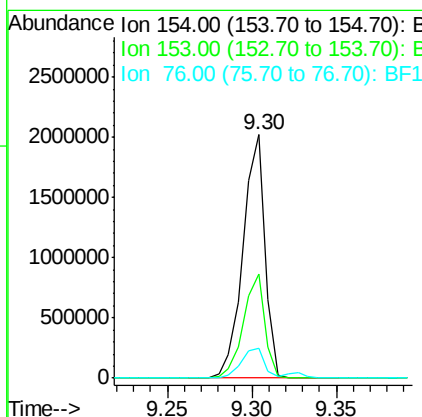
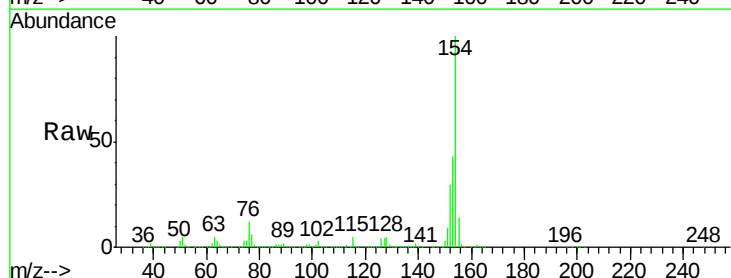
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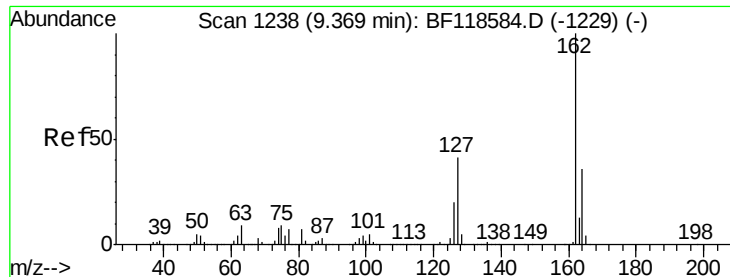
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#46
1,1'-Biphenyl
Concen: 45.885 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.02 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.8	22.3	62.3
76	12.1	0.0	32.0





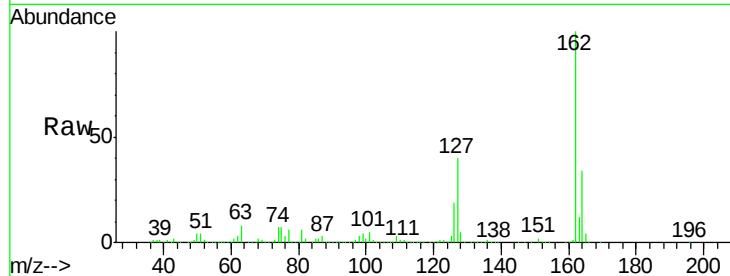
#47
 2-Chloronaphthalene
 Concen: 43.817 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.02 min
 Lab File: BF118760.D
 Acq: 30 Jan 2020 19:20

Instrument :
 BNA_F
 ClientSampleId :
 RBR-56MSD

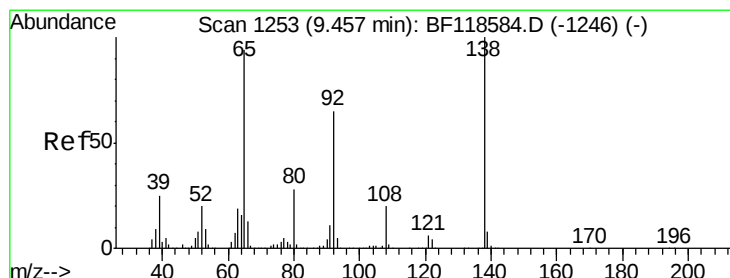
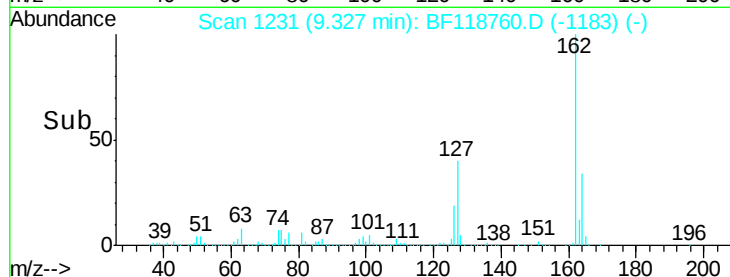
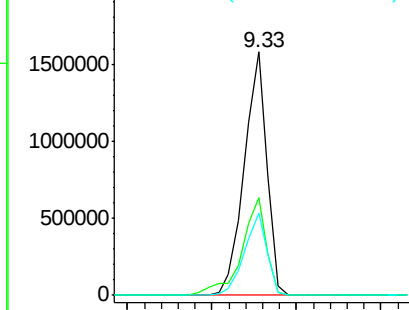
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.0	32.9	49.3
164	33.8	27.5	41.3

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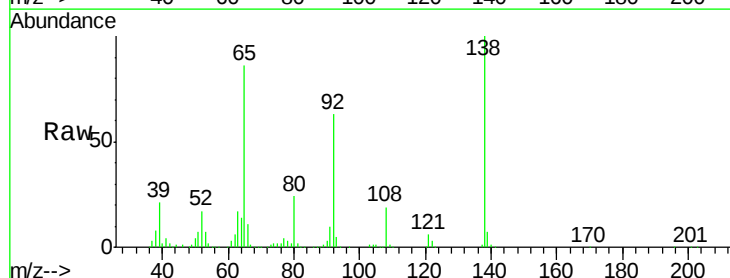


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

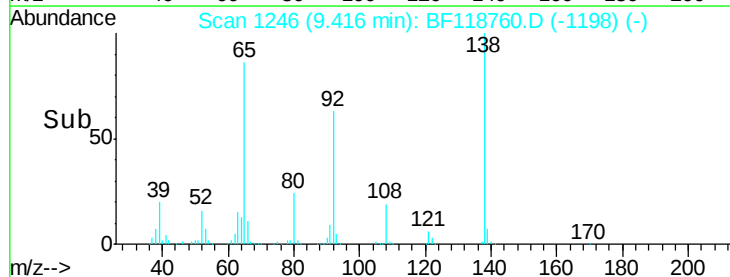
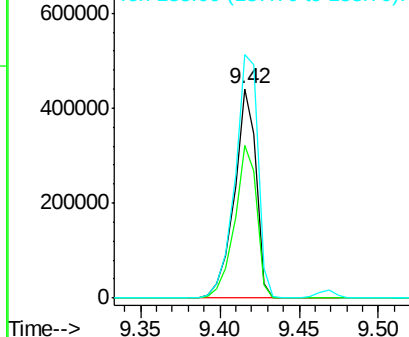


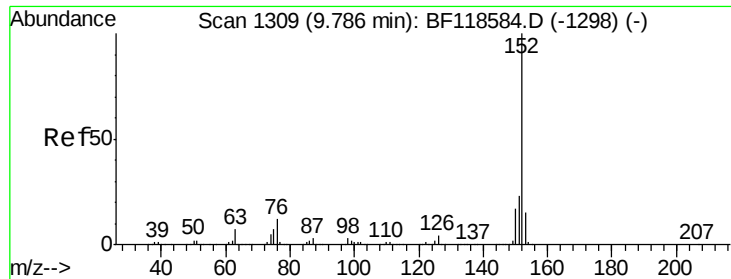
#48
 2-Nitroaniline
 Concen: 40.351 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.02 min
 Lab File: BF118760.D
 Acq: 30 Jan 2020 19:20

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.0	57.8	86.6
138	116.1	95.1	142.7



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: 48.418 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Instrument :

BNA_F

ClientSampleId :

RBR-56MSD

Tot Ion:152 Resp: 2295521

Ion Ratio Lower Upper

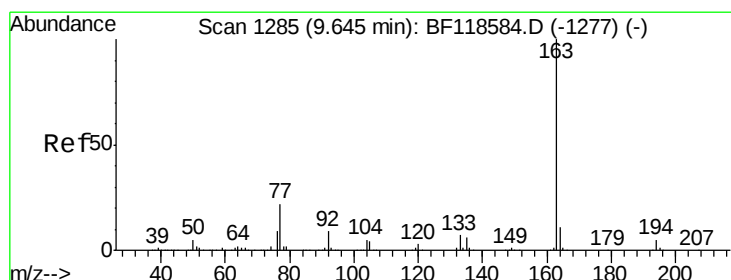
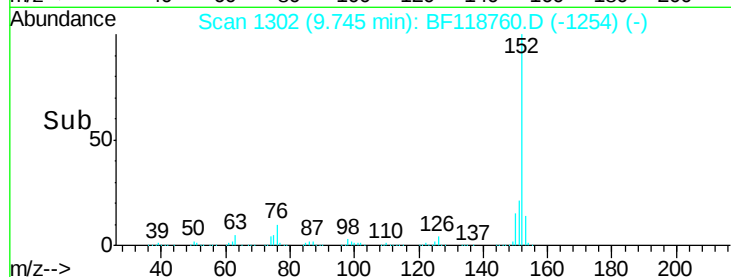
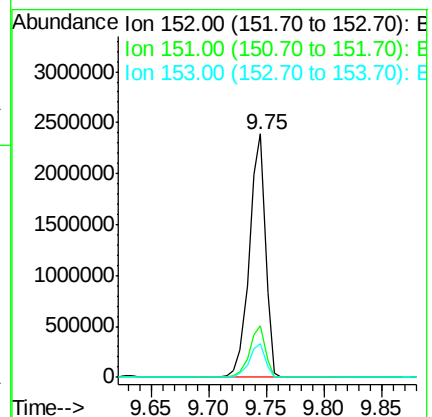
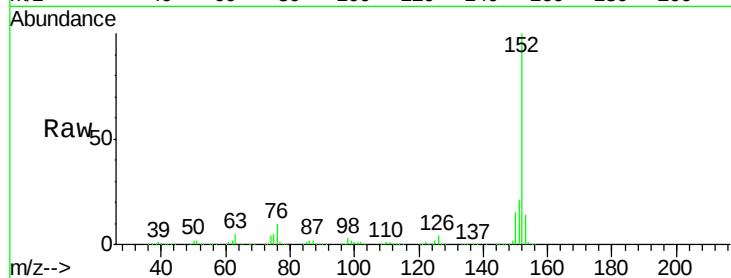
152 100

151 21.1 17.1 25.7

153 13.8 11.0 16.4

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#50

Dimethylphthalate

Concen: 52.312 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

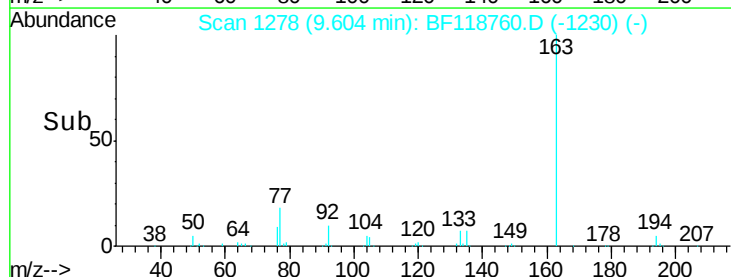
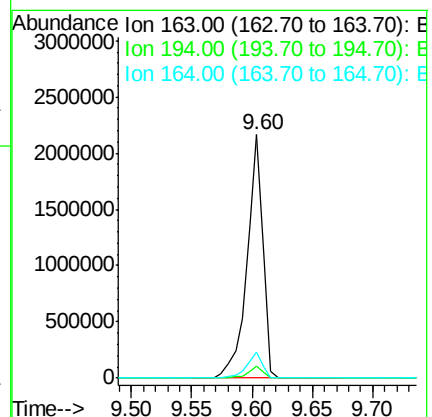
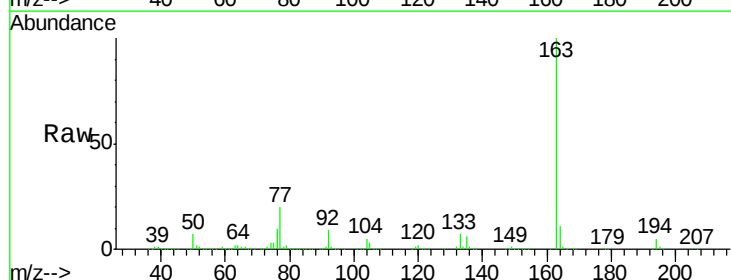
Tgt Ion:163 Resp: 1977255

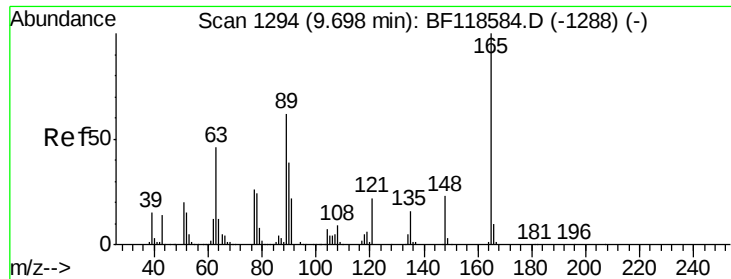
Ion Ratio Lower Upper

163 100

194 4.7 3.7 5.5

164 10.8 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 50.465 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Instrument :

BNA_F

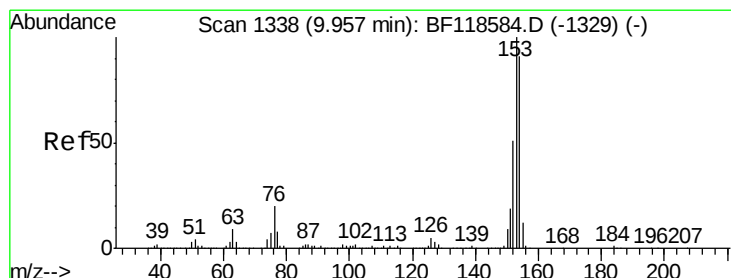
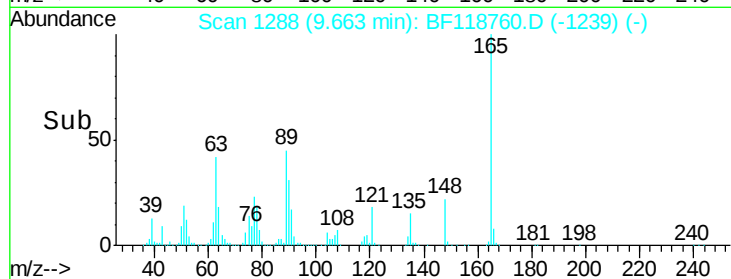
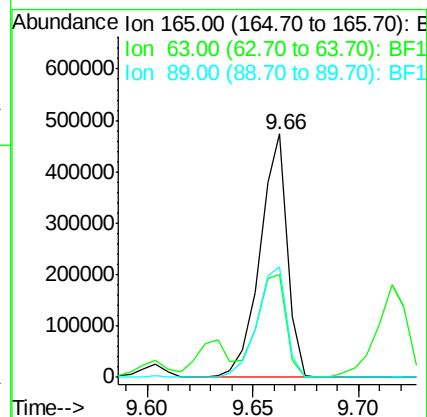
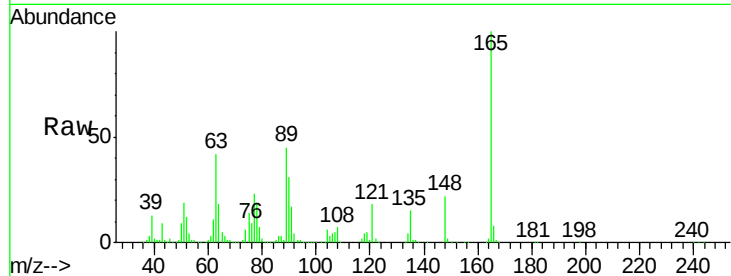
ClientSampleId :

RBR-56MSD

Tot Ion:	165	Resp:	427125
Ion Ratio		Lower	Upper
165	100		
63	42.1	39.8	59.6
89	45.4	41.4	62.2

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#52

Acenaphthene

Concen: 49.767 ng

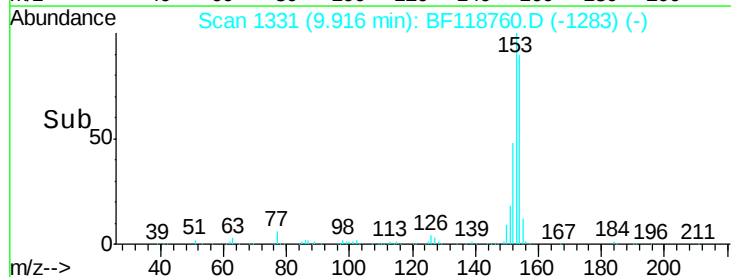
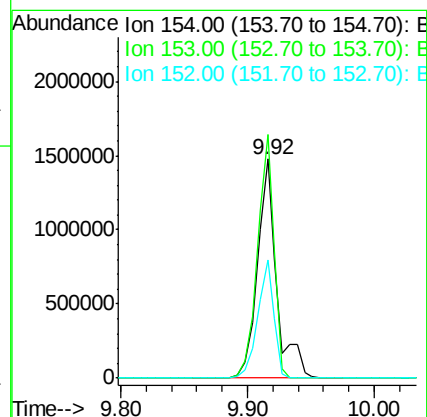
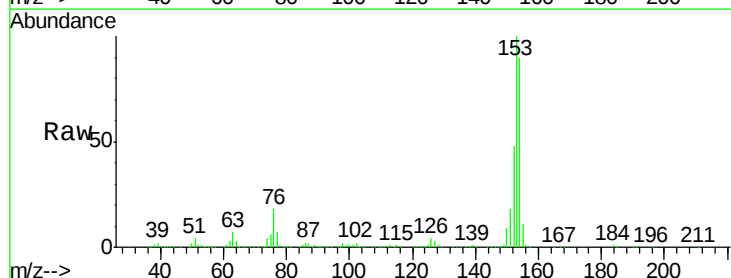
RT: 9.92 min Scan# 1331

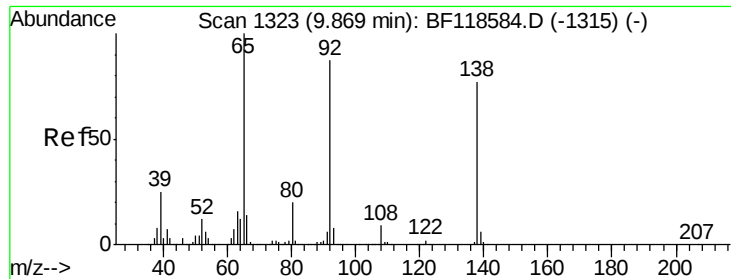
Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Tgt Ion:	154	Resp:	1577716
Ion Ratio		Lower	Upper
154	100		
153	111.2	89.1	133.7
152	53.8	43.0	64.6





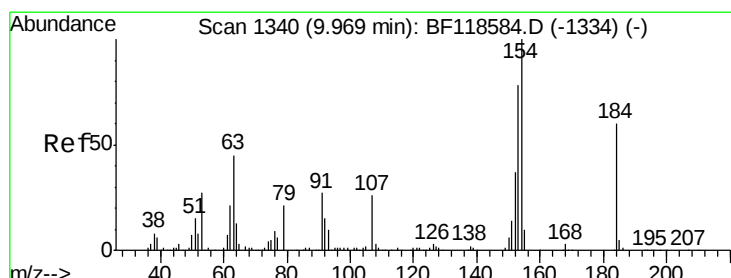
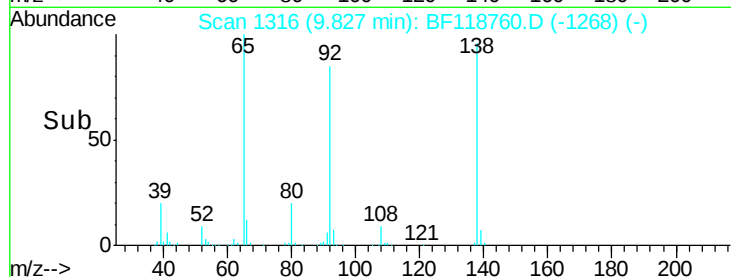
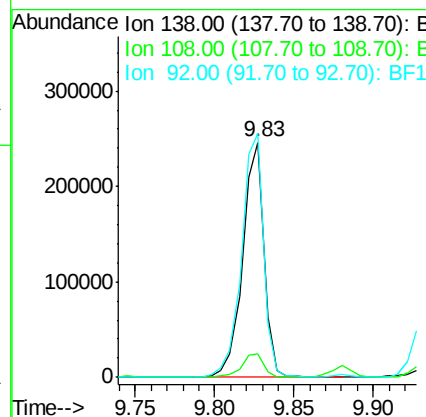
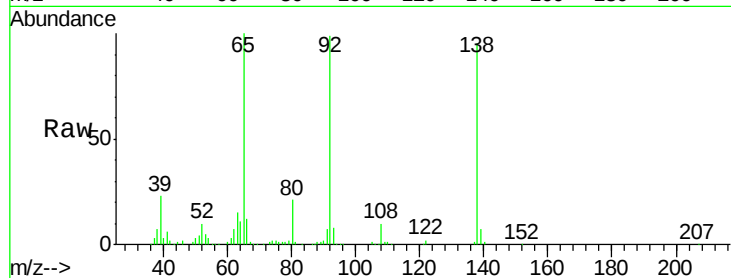
#53
3-Nitroaniline
Concen: 23.737 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Instrument :
BNA_F
ClientSampleId :
RBR-56MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.8	13.2
92	103.7	87.8	131.6

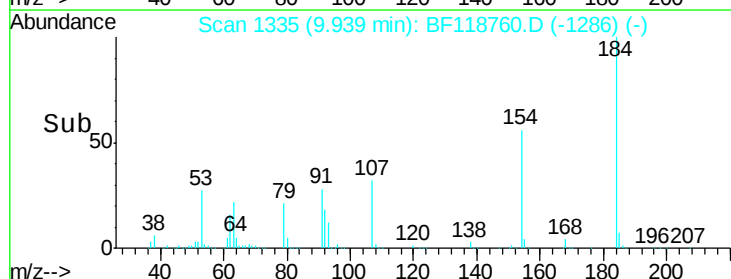
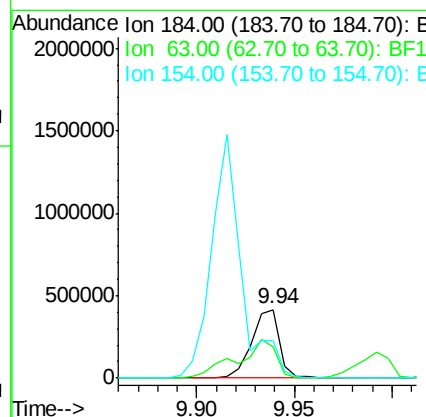
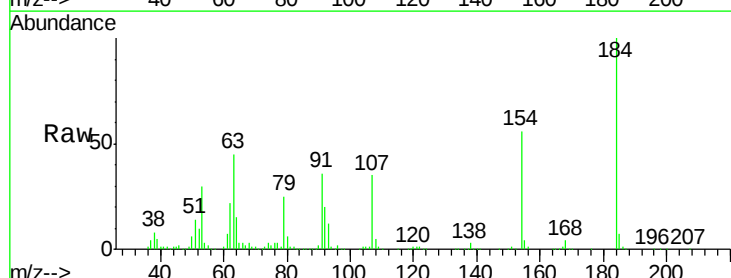
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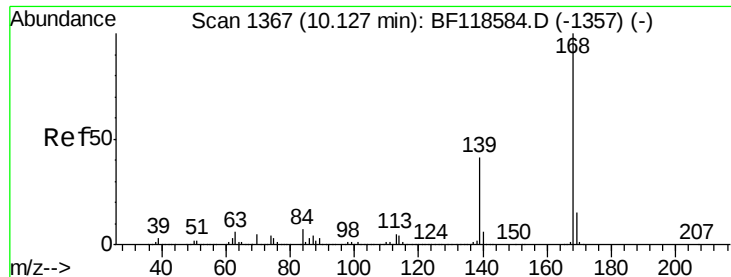
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#54
2,4-Dinitrophenol
Concen: 121.391 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Tgt Ion	Ratio	Lower	Upper
184	100		
63	44.8	36.0	54.0
154	55.6	44.6	66.8





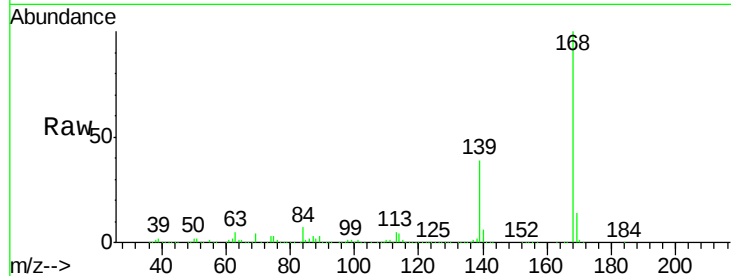
#55
Dibenzenofuran
Concen: 47.670 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Instrument :
BNA_F
ClientSampled :
RBR-56MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.0	31.6	47.4
169	14.1	11.4	17.0

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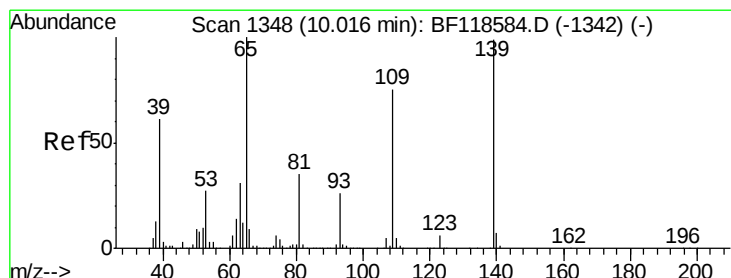
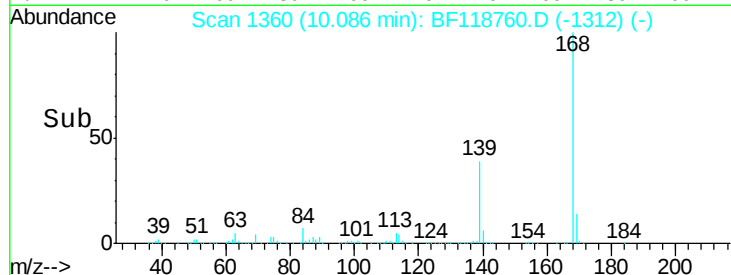
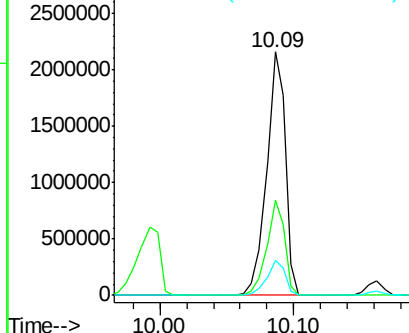


Abundance

Ion 168.00 (167.70 to 168.70): E

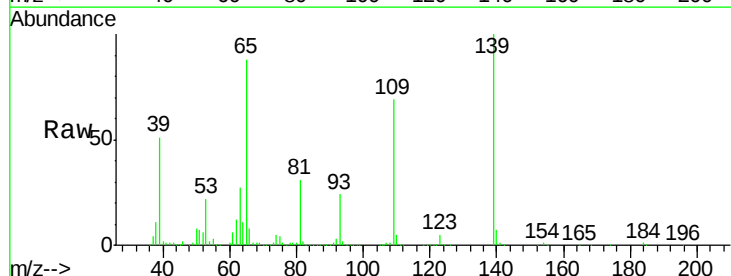
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 98.424 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.6	47.0	87.0
65	88.3	65.7	105.7

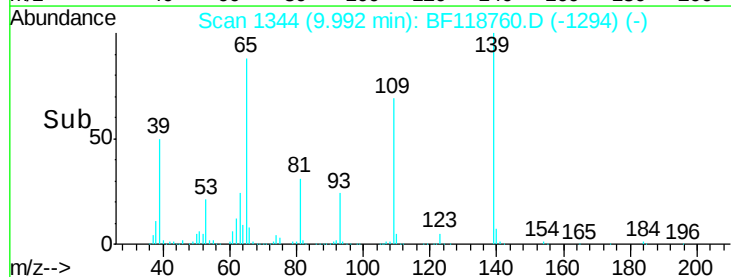
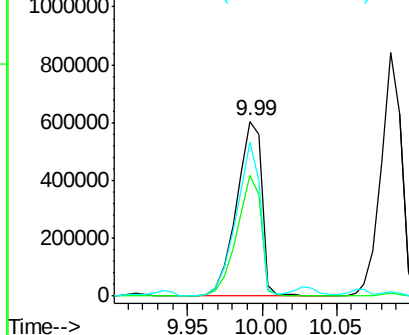


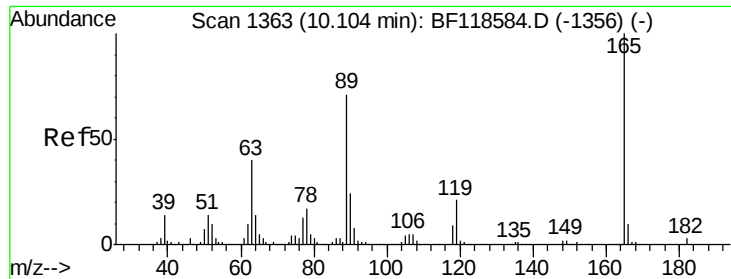
Abundance

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: 52.880 ng

RT: 10.07 min Scan# 1357

Delta R.T. -0.01 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Instrument :

BNA_F

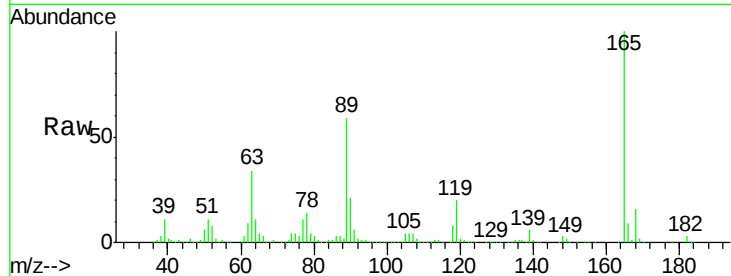
ClientSampleId :

RBR-56MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	33.9	28.5	42.7
89	59.4	50.4	75.6
182	3.0	2.3	3.5

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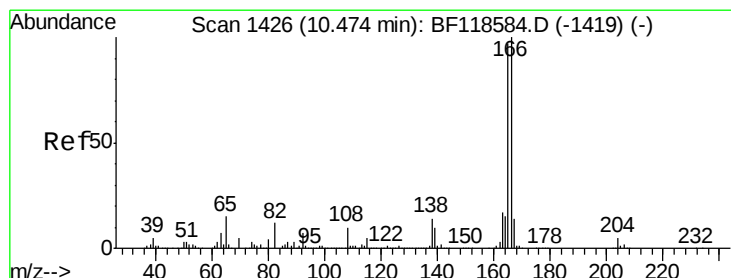
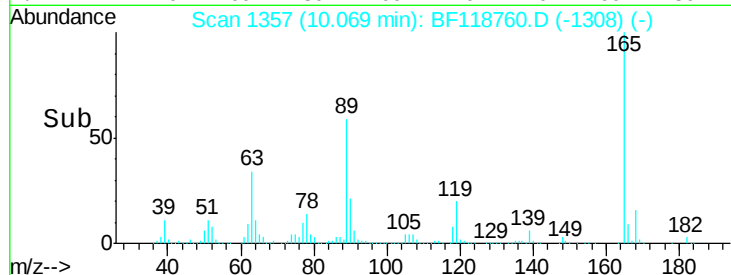
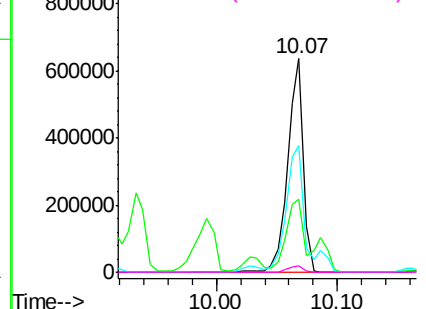


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 45.655 ng

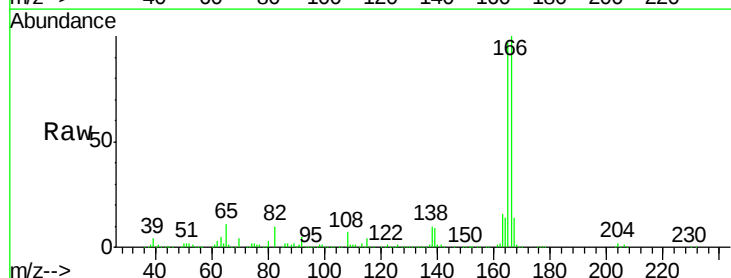
RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

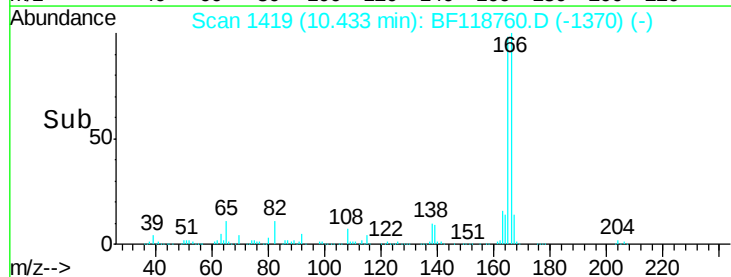
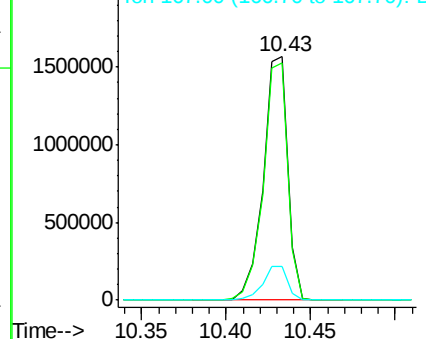
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.6	118.0
167	13.6	11.4	17.2

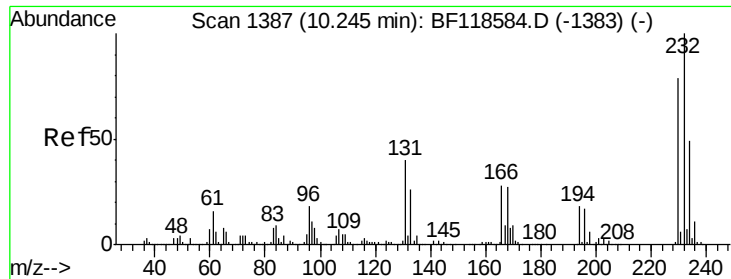


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





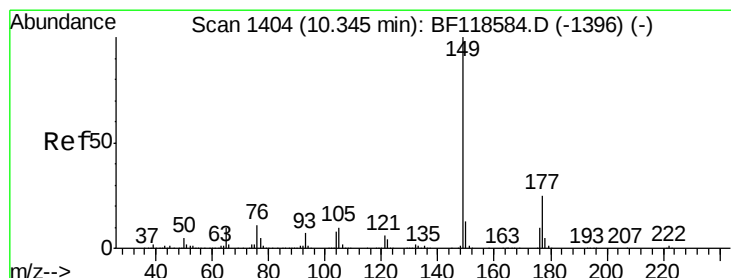
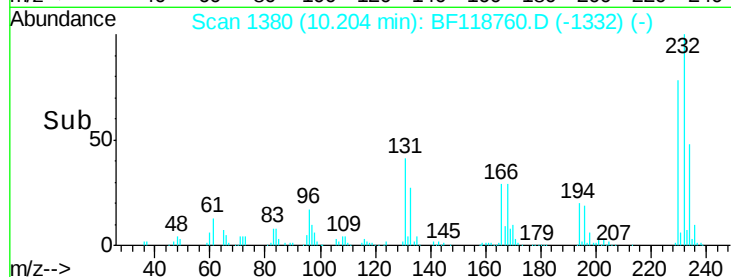
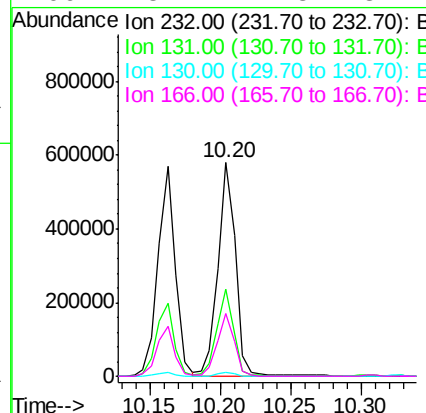
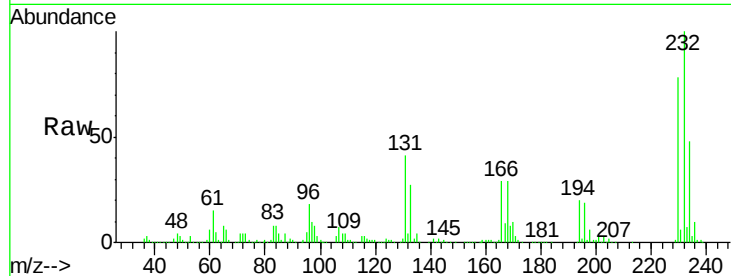
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.361 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.02 min
 Lab File: BF118760.D
 Acq: 30 Jan 2020 19:20

Instrument :
 BNA_F
 ClientSampleId :
 RBR-56MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	501650		
131	39.3		31.8	47.6
130	1.9		1.5	2.3
166	28.4		22.8	34.2

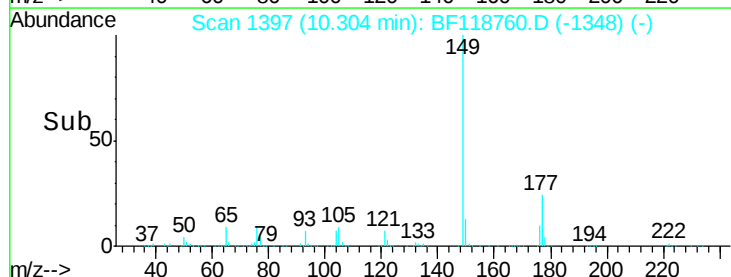
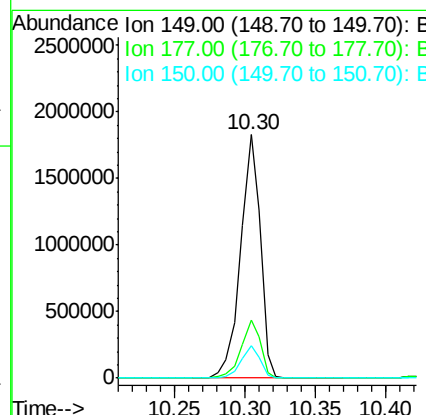
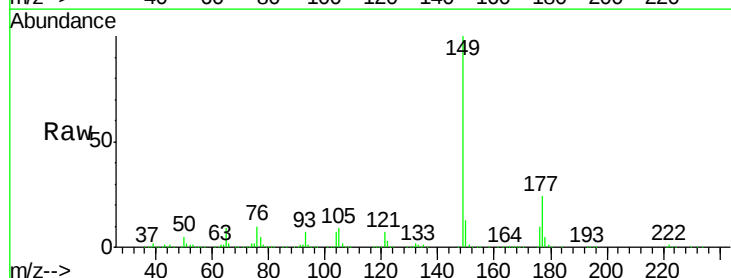
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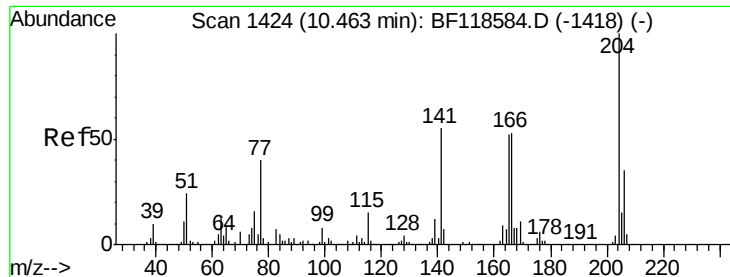
mohammad
 2/3/2020 7:57:09 AM



#60
 Diethylphthalate
 Concen: 48.341 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF118760.D
 Acq: 30 Jan 2020 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1771542		
177	24.0		19.1	28.7
150	13.1		10.5	15.7





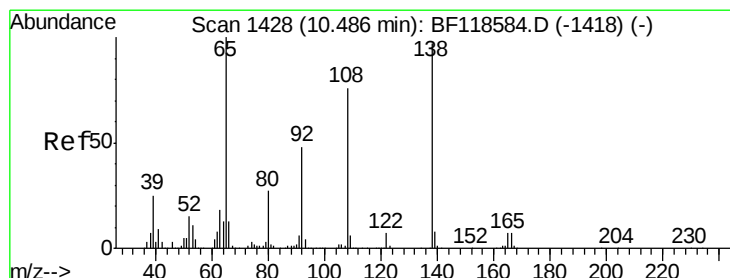
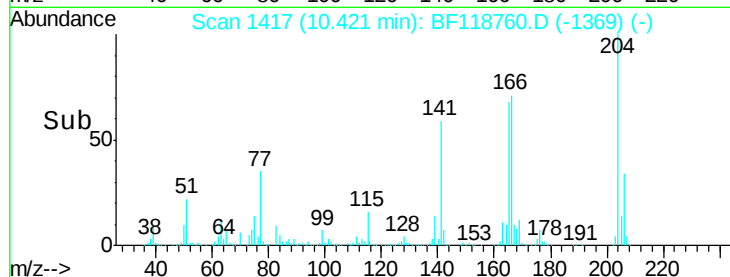
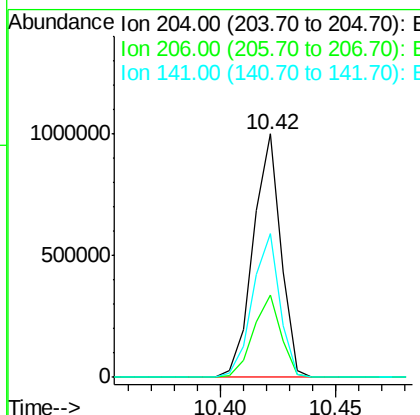
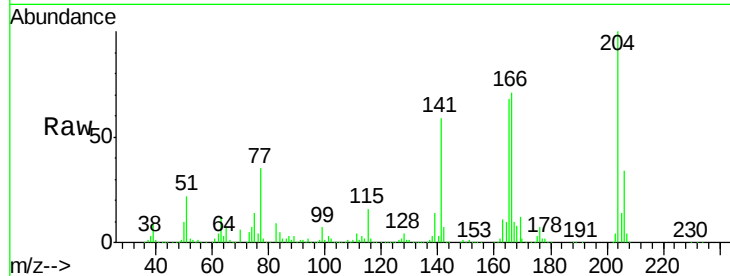
#61
4-Chlorophenyl-phenylether
Concen: 44.695 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.02 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Instrument :
BNA_F
ClientSampled :
RBR-56MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	27.0	40.6
141	58.9	43.9	65.9

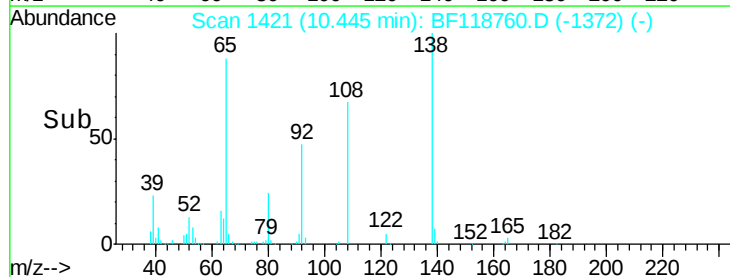
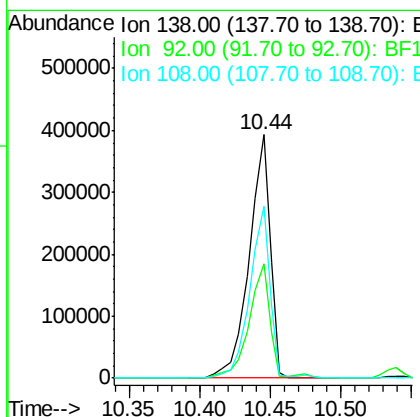
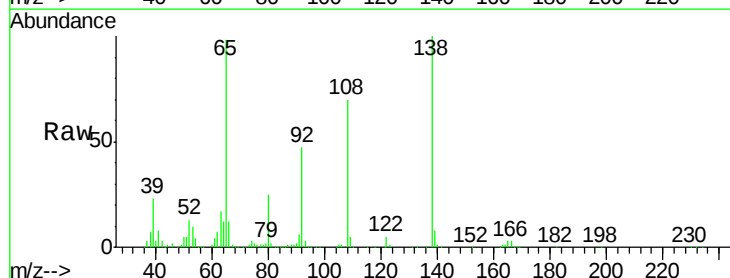
Manual Integrations
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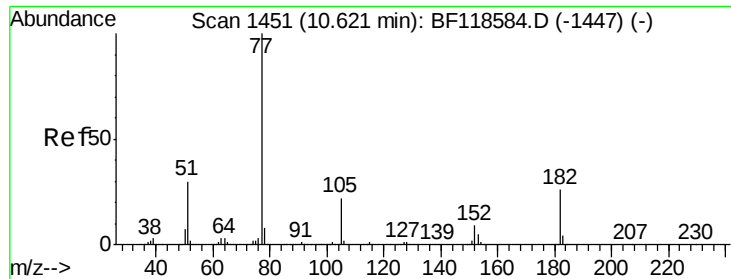
mohammad
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#62
4-Nitroaniline
Concen: 41.629 ng
RT: 10.44 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.2	29.2	69.2
108	70.4	50.8	90.8





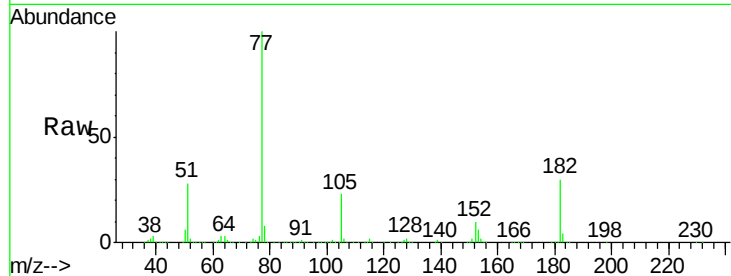
#63
Azobenzene
Concen: 44.006 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.02 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Instrument :
BNA_F
ClientSampled :
RBR-56MSD

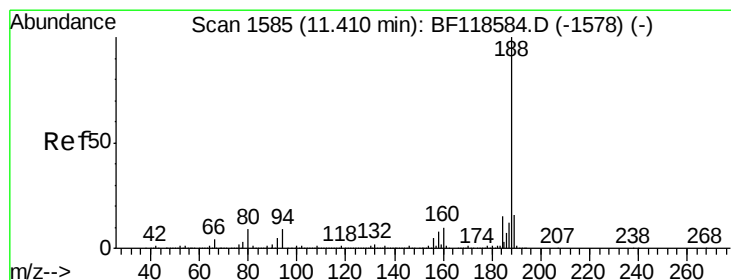
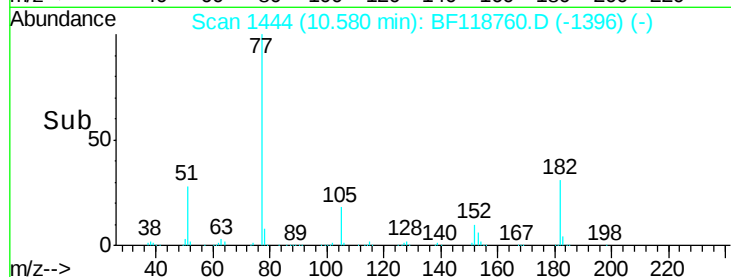
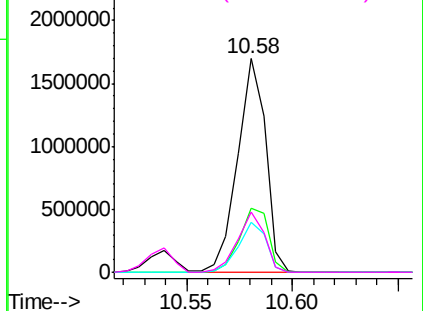
Tot Ion	Ratio	Lower	Upper
77	100		
182	29.9	12.3	52.3
105	23.4	4.0	44.0
51	28.3	7.2	47.2

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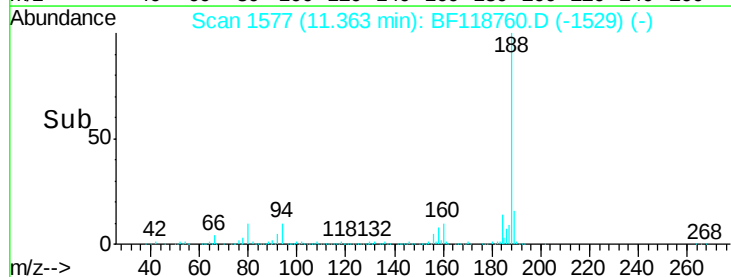
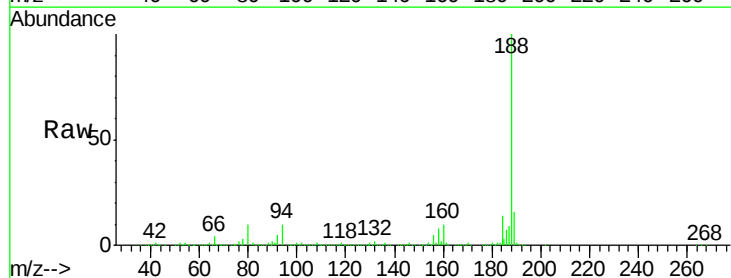
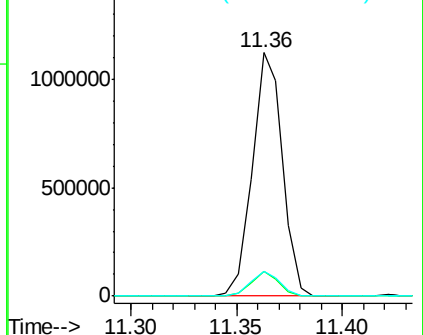
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

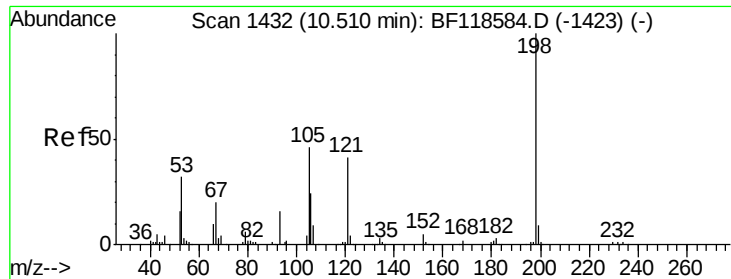


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.4	11.2
80	10.2	7.8	11.8

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





#65

4,6-Dinitro-2-methylphenol

Concen: 63.729 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Instrument :

BNA_F

ClientSampleId :

RBR-56MSD

Tot Ion:198 Resp: 311343
Ion Ratio Lower Upper

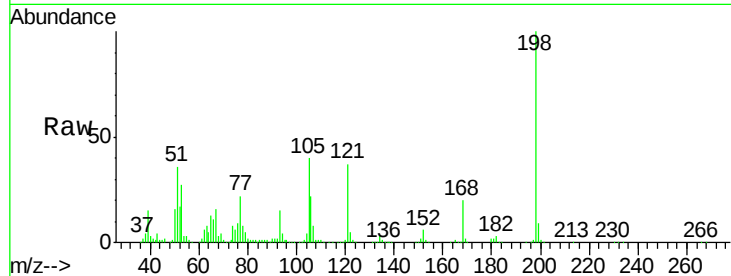
198 100

51 36.4 9.6 49.6

105 40.4 15.5 55.5

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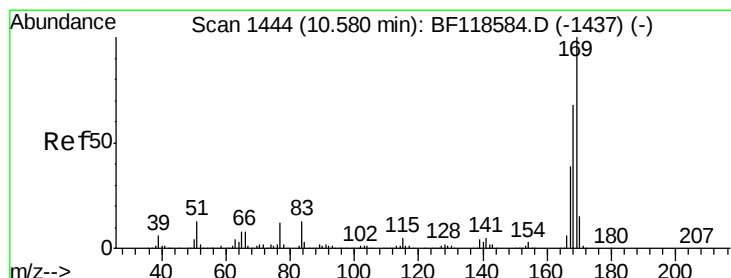
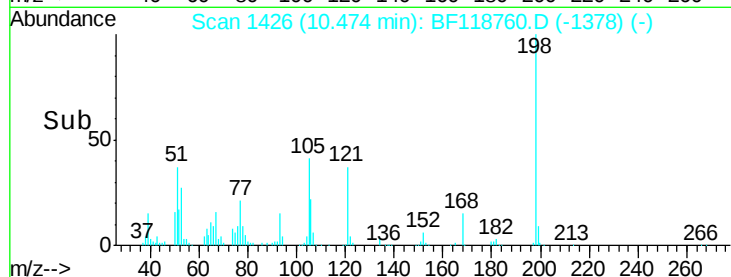
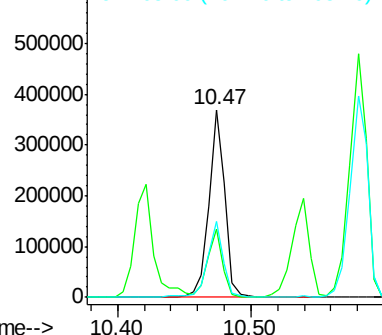
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.926 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.02 min

Lab File: BF118760.D

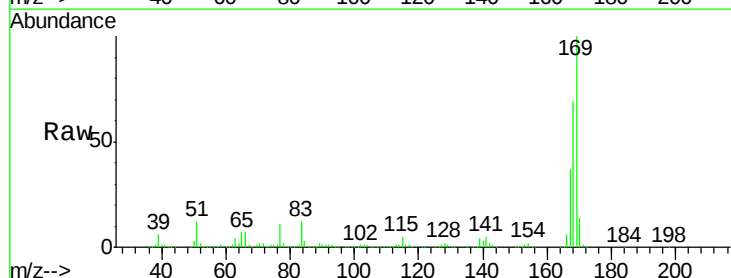
Acq: 30 Jan 2020 19:20

Tgt Ion:169 Resp: 1505285
Ion Ratio Lower Upper

169 100

168 68.6 53.4 80.0

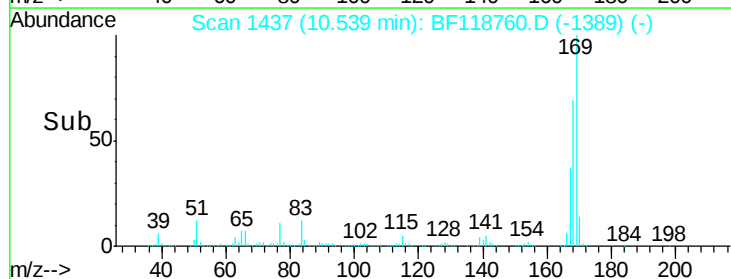
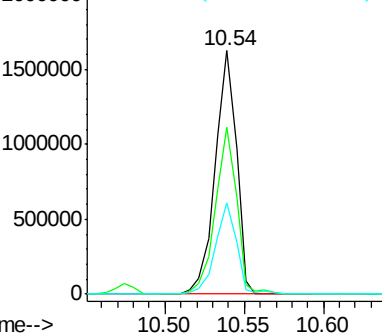
167 37.4 29.2 43.8

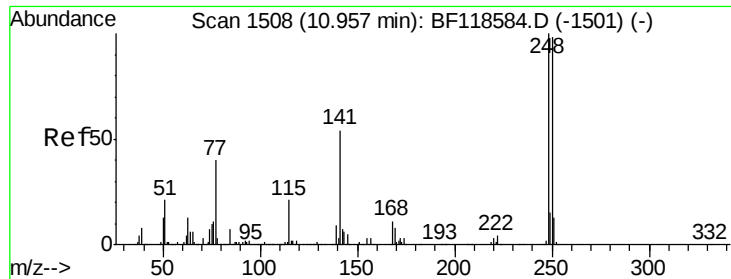


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





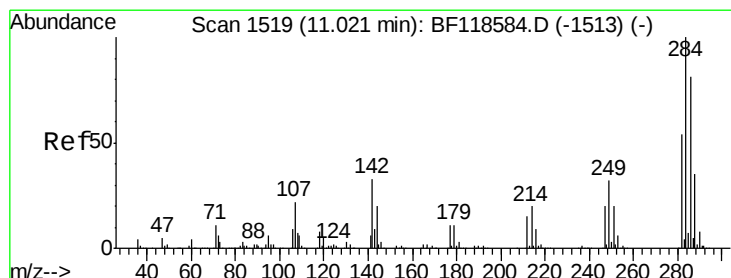
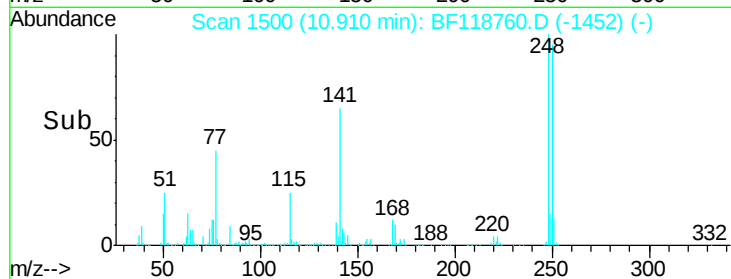
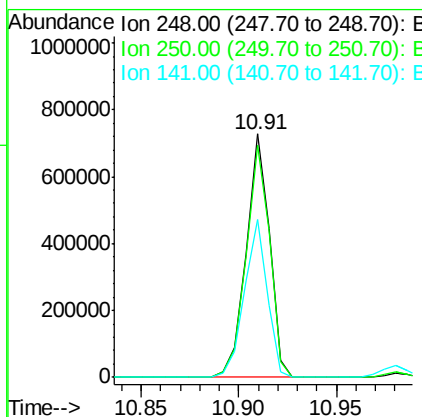
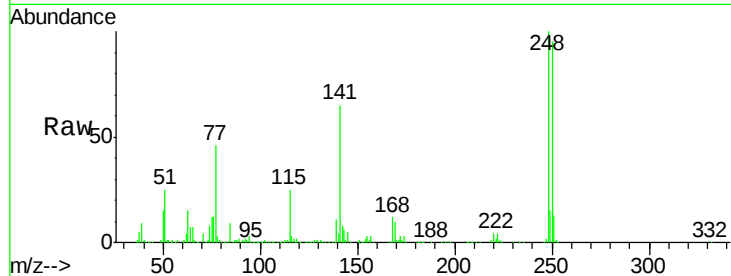
#67
 4-Bromophenyl-phenylether
 Concen: 43.829 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.02 min
 Lab File: BF118760.D
 Acq: 30 Jan 2020 19:20

Instrument :
 BNA_F
 ClientSampleId :
 RBR-56MSD

Tot Ion:	248	Resp:	601599
Ion Ratio		Lower	Upper
248	100		
250	95.3	78.7	118.1
141	64.9	48.4	72.6

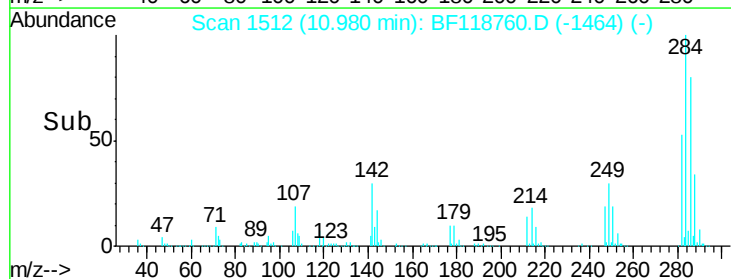
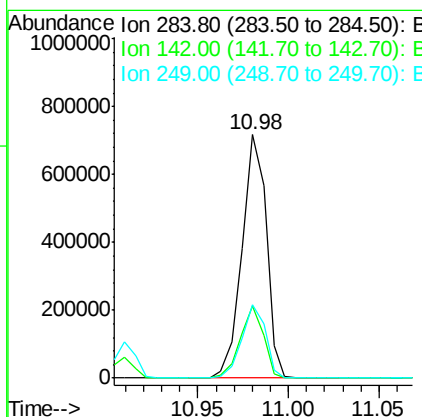
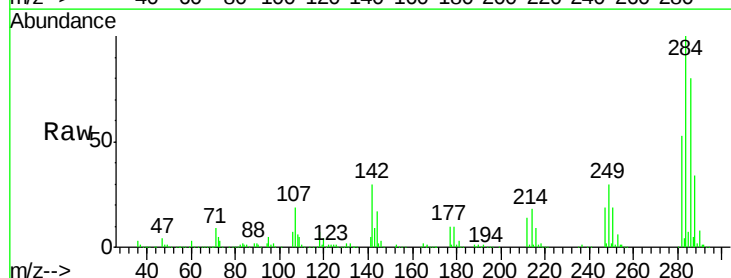
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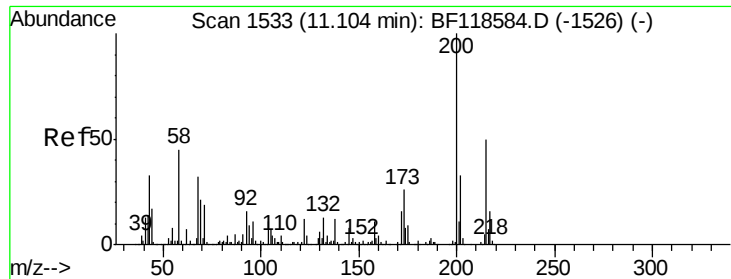
mohammad
 2/3/2020 7:57:09 AM



#68
 Hexachlorobenzene
 Concen: 43.003 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. -0.02 min
 Lab File: BF118760.D
 Acq: 30 Jan 2020 19:20

Tgt Ion:	284	Resp:	669205
Ion Ratio		Lower	Upper
284	100		
142	29.9	23.1	34.7
249	30.1	24.0	36.0





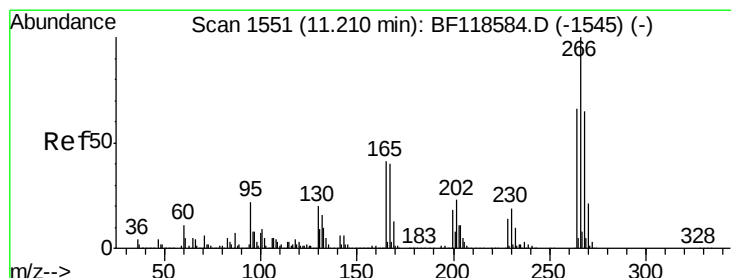
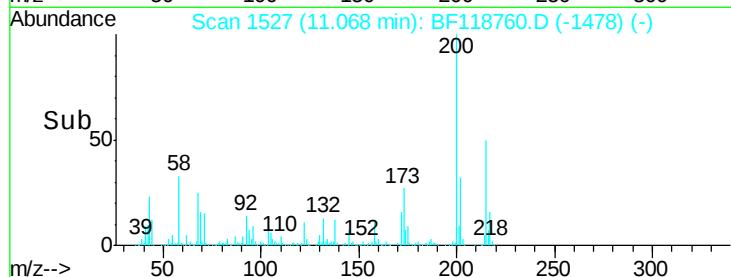
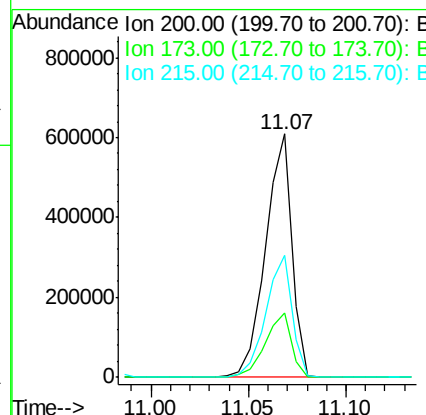
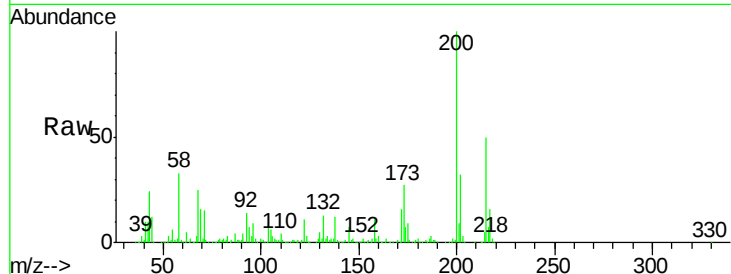
#69
Atrazine
Concen: 48.967 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Instrument :
BNA_F
ClientSampleId :
RBR-56MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.7	6.8	46.8
215	49.9	30.4	70.4

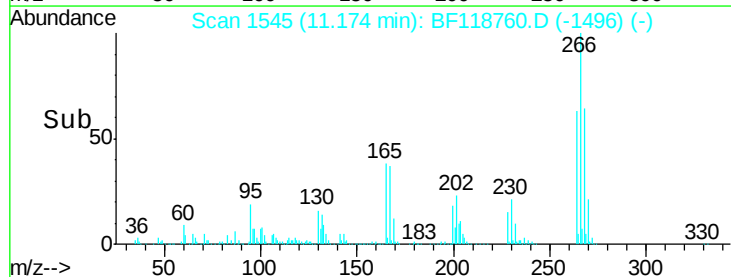
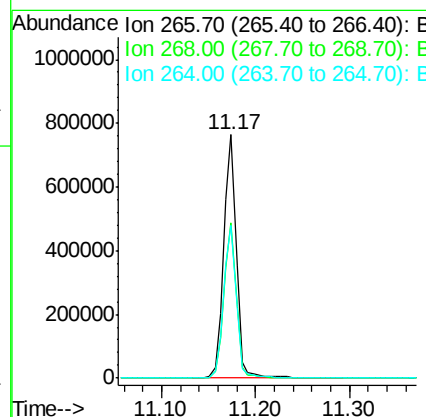
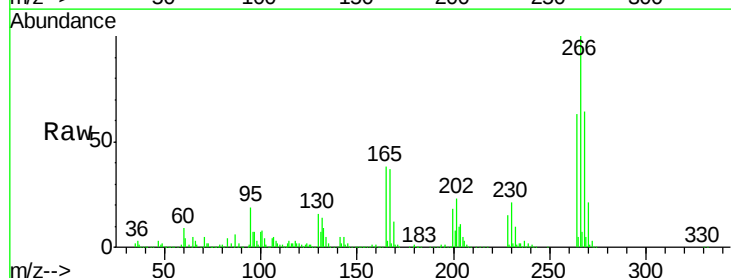
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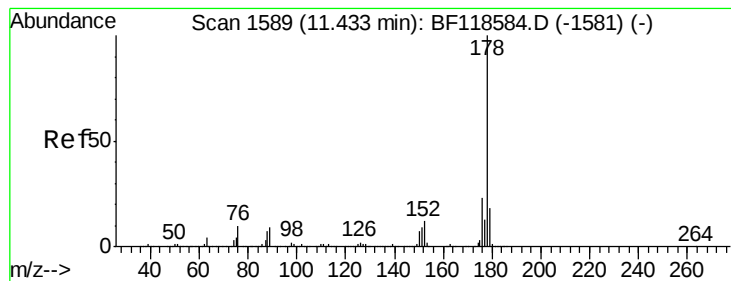
mohammad
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#70
Pentachlorophenol
Concen: 83.834 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.0	51.6	77.4
264	62.7	50.9	76.3





#71

Phenanthrene

Concen: 47.516 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Instrument :

BNA_F

ClientSampleId :

RBR-56MSD

Tot Ion:178 Resp: 2546885

Ion Ratio Lower Upper

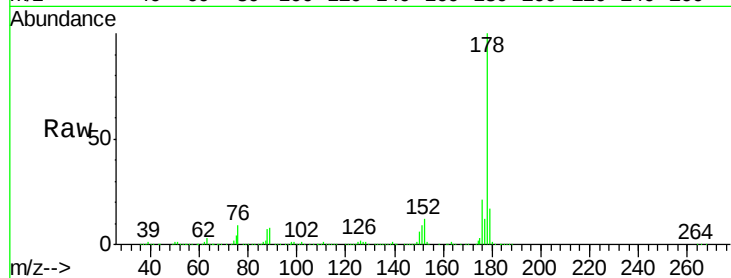
178 100

176 20.8 16.5 24.7

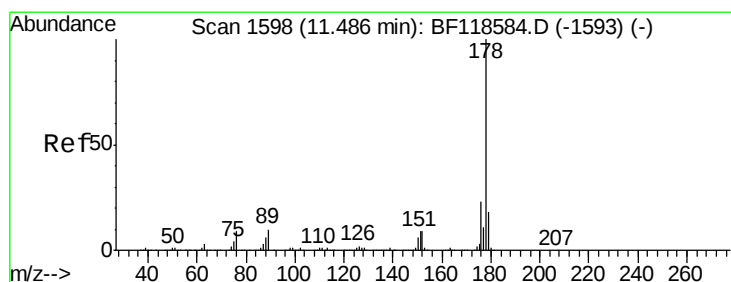
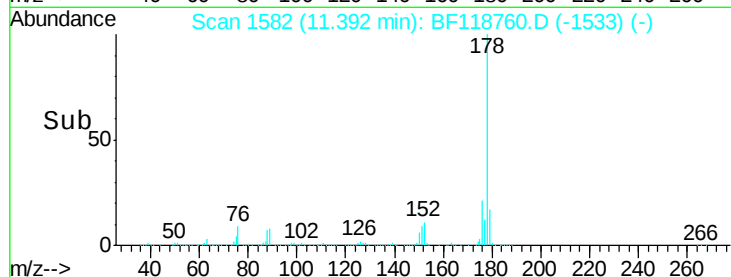
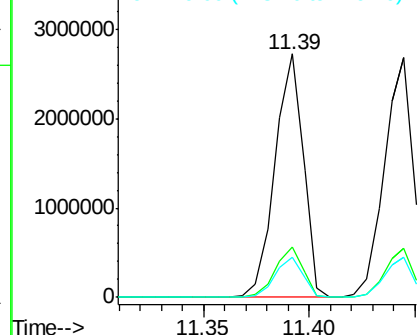
179 16.6 13.3 19.9

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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: 48.127 ng

RT: 11.44 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

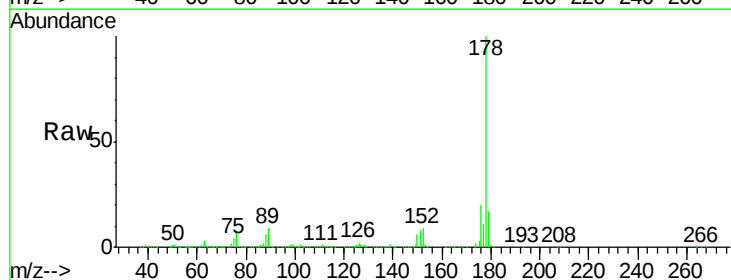
Tgt Ion:178 Resp: 2552482

Ion Ratio Lower Upper

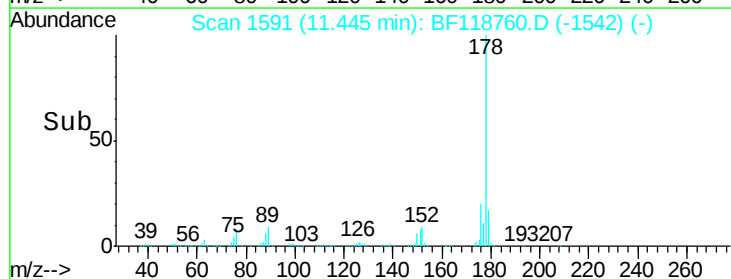
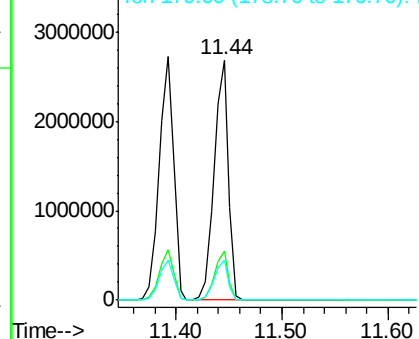
178 100

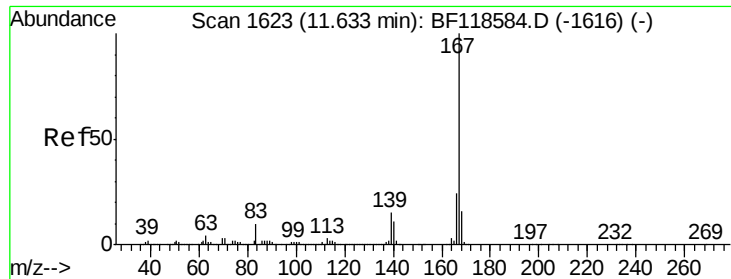
176 20.3 15.8 23.8

179 16.8 13.3 19.9



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





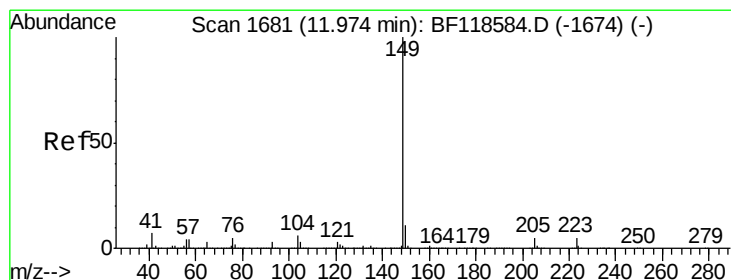
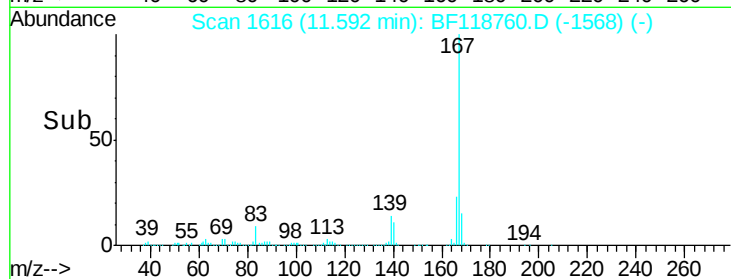
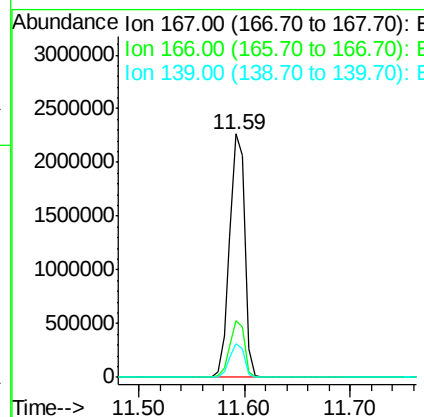
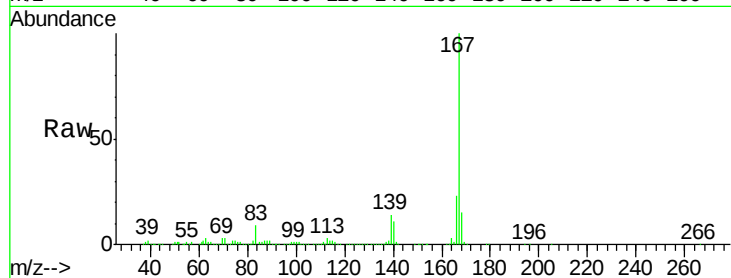
#73
 Carbazole
 Concen: 46.376 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.02 min
 Lab File: BF118760.D
 Acq: 30 Jan 2020 19:20

Instrument :
 BNA_F
 ClientSampleId :
 RBR-56MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.3	27.5
139	14.0	11.0	16.4

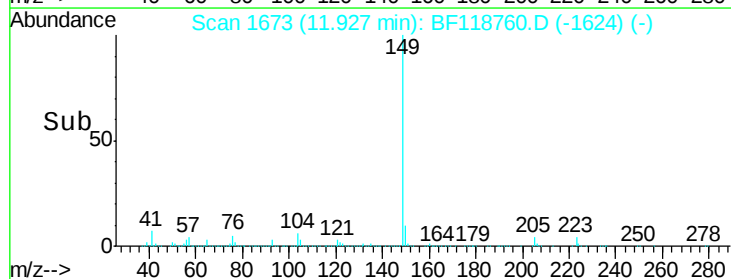
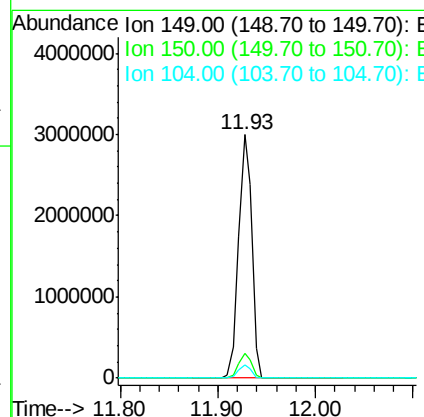
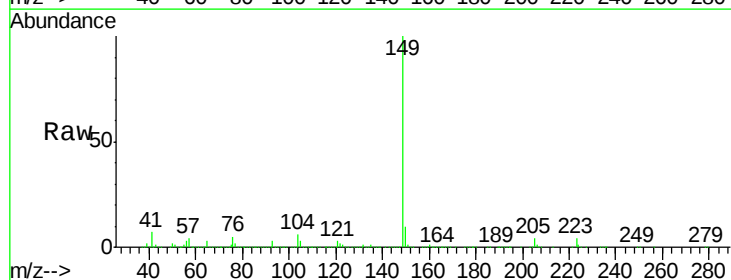
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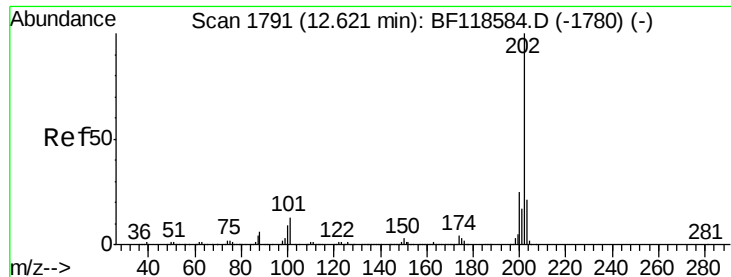
mohammad
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#74
 Di-n-butylphthalate
 Concen: 51.893 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BF118760.D
 Acq: 30 Jan 2020 19:20

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.2	12.2
104	5.7	4.2	6.4





#75

Fluoranthene

Concen: 50.877 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Instrument :

BNA_F

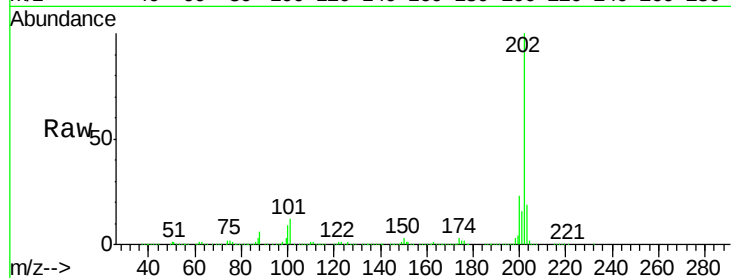
ClientSampleId :

RBR-56MSD

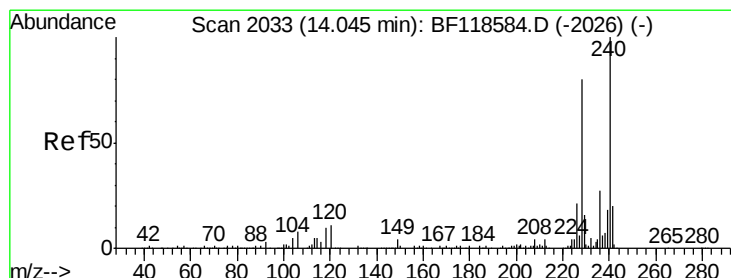
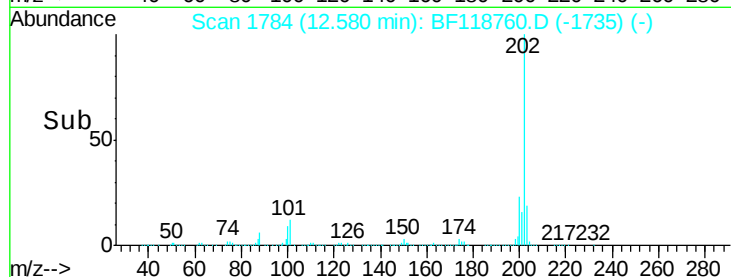
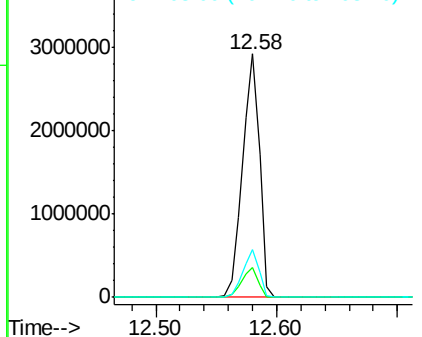
Tot Ion:	202	Resp:	2876242
Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	32.1
203	19.5	0.0	38.9

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

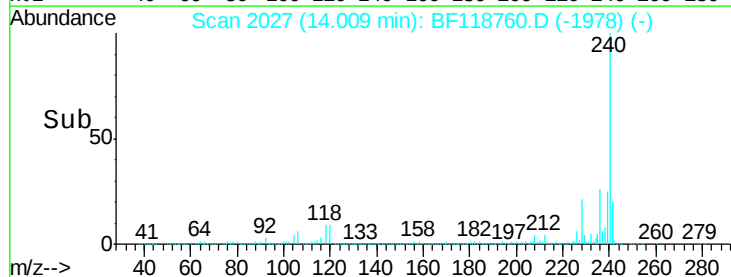
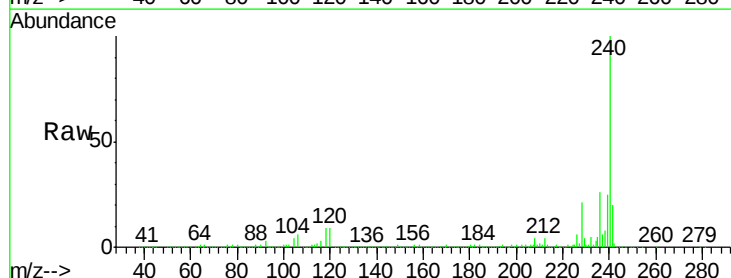
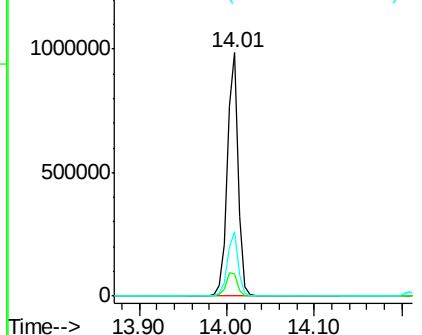
Delta R.T. -0.01 min

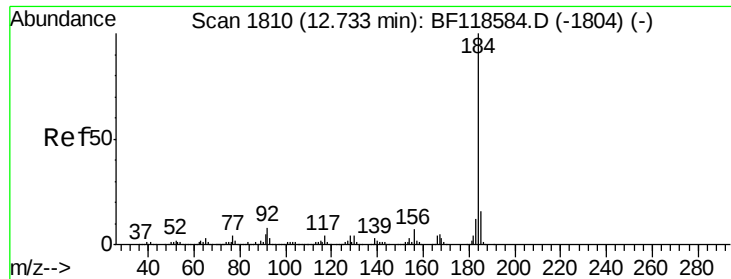
Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Tgt Ion:	240	Resp:	843473
Ion	Ratio	Lower	Upper
240	100		
120	9.1	7.6	11.4
236	26.5	21.0	31.4

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 68.968 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Instrument :

BNA_F

ClientSampleId :

RBR-56MSD

Tot Ion:184 Resp: 1554331

Ion Ratio Lower Upper

184 100

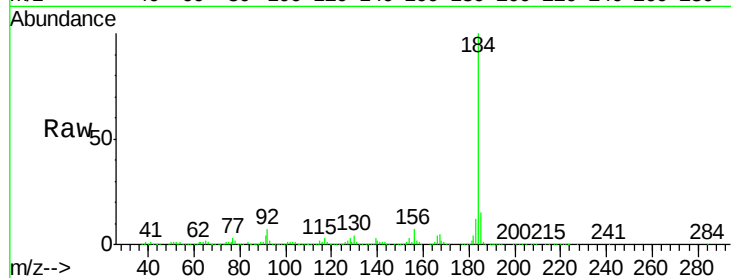
185 14.8 11.8 17.8

183 12.2 9.7 14.5

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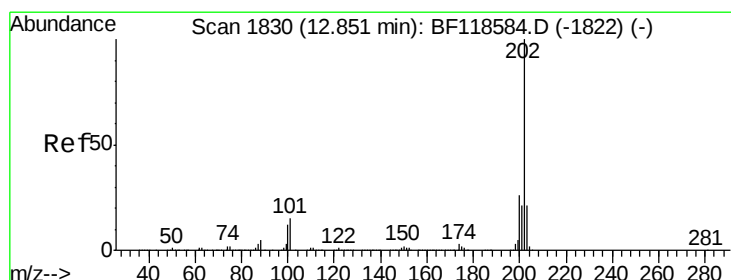
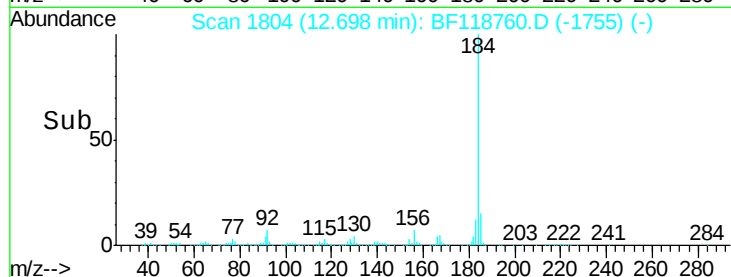
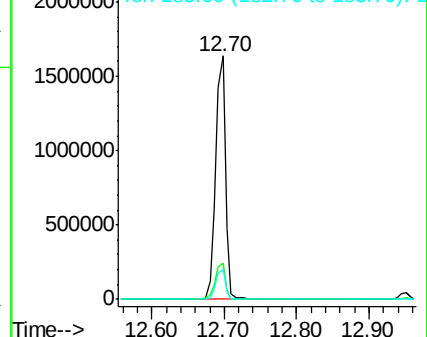
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 50.287 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

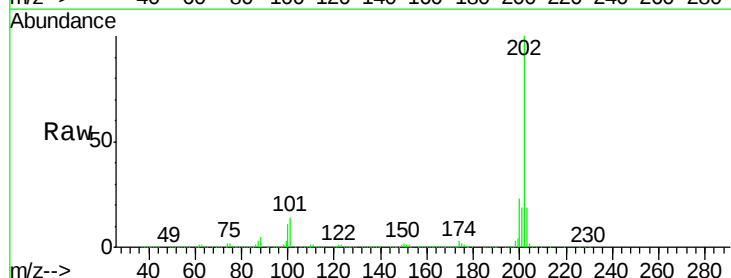
Tgt Ion:202 Resp: 2879675

Ion Ratio Lower Upper

202 100

200 23.4 18.1 27.1

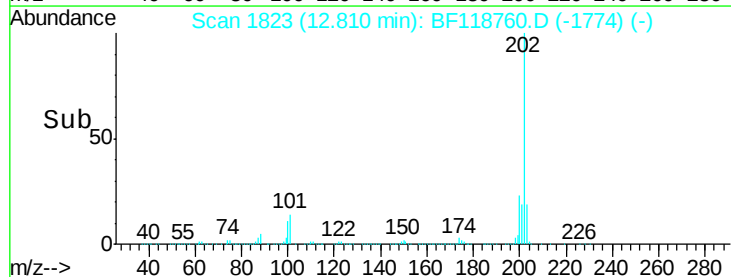
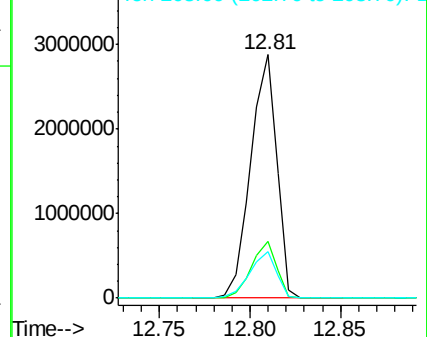
203 19.3 15.2 22.8

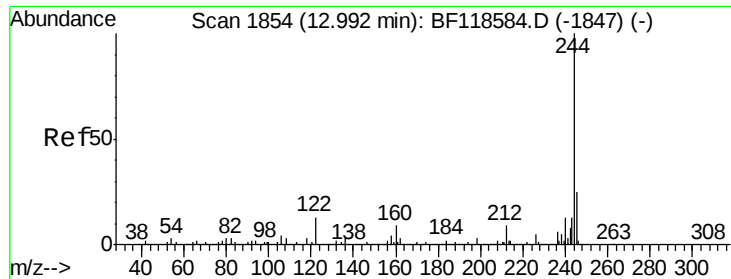


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





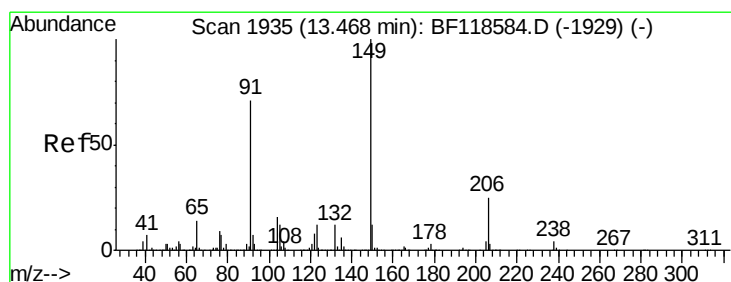
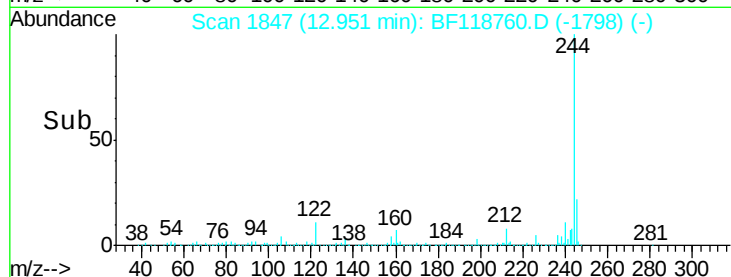
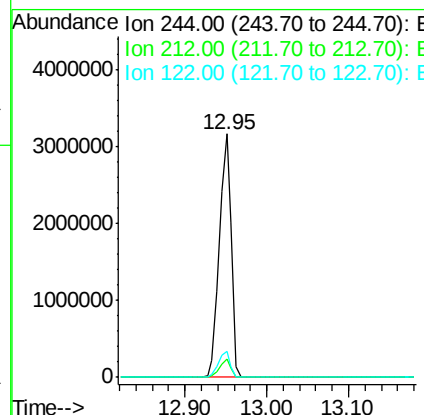
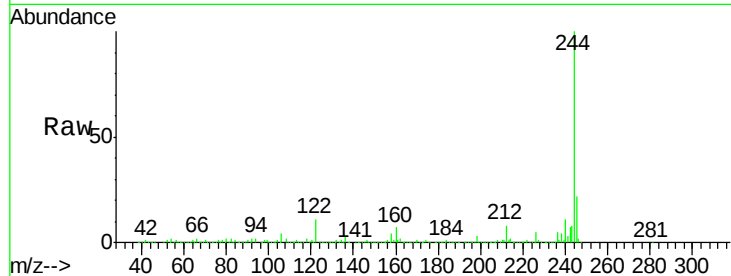
#79
 Terphenyl-d14
 Concen: 83.306 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF118760.D
 Acq: 30 Jan 2020 19:20

Instrument :
 BNA_F
 ClientSampleId :
 RBR-56MSD

Tot Ion:244 Resp: 3221626
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 10.9 9.2 13.8

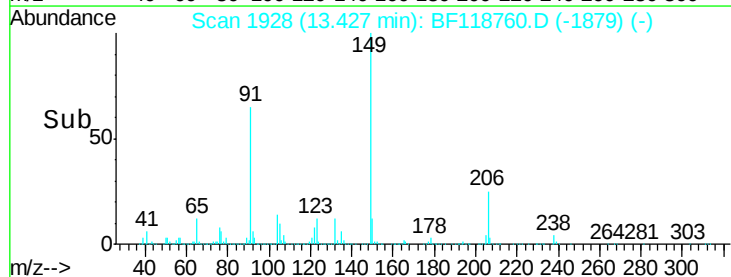
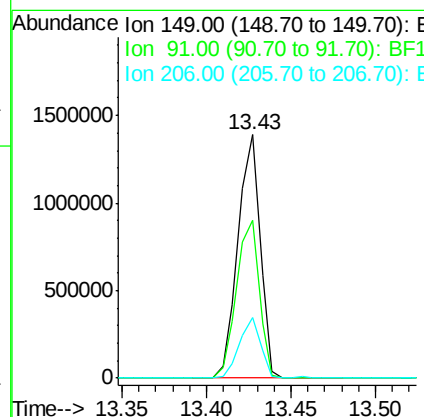
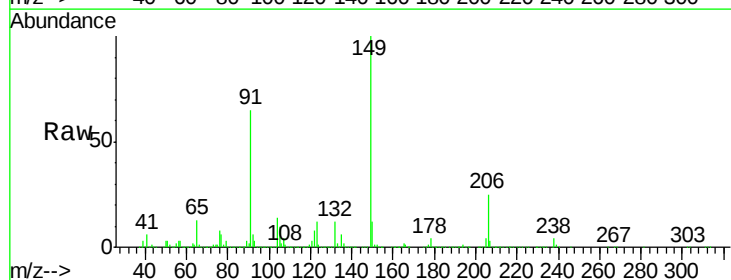
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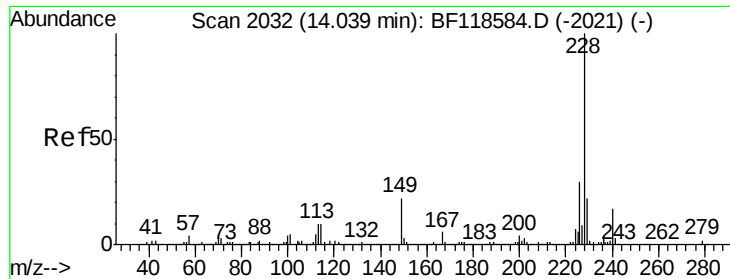
mohammad
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#80
 Butylbenzylphthalate
 Concen: 54.144 ng
 RT: 13.43 min Scan# 1928
 Delta R.T. -0.01 min
 Lab File: BF118760.D
 Acq: 30 Jan 2020 19:20

Tgt Ion:149 Resp: 1268932
 Ion Ratio Lower Upper
 149 100
 91 64.7 49.6 74.4
 206 25.0 19.9 29.9





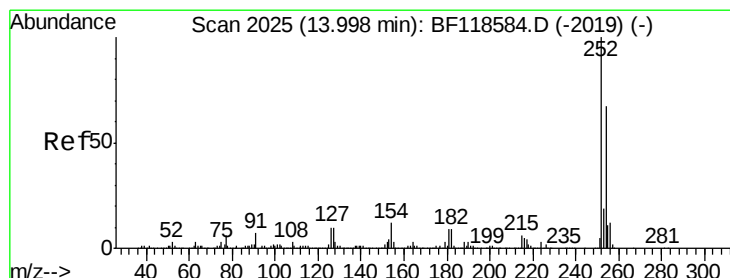
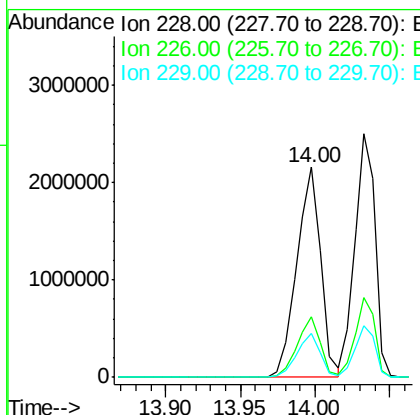
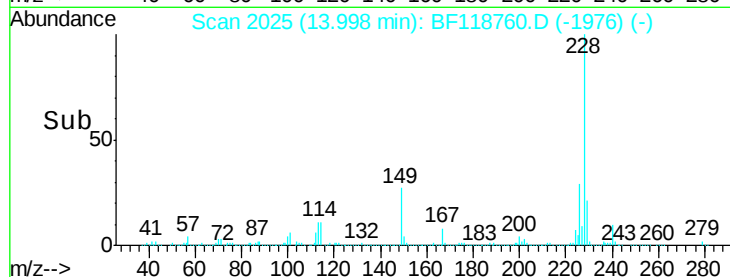
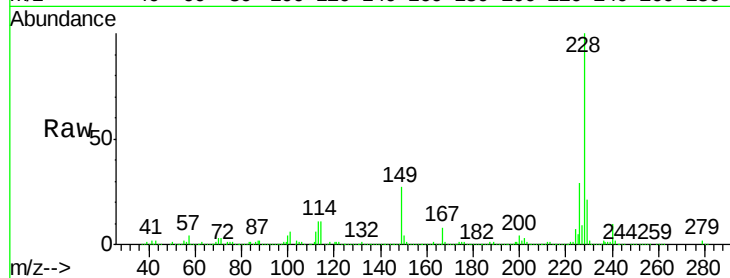
#81
Benzo(a)anthracene
Concen: 47.599 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Instrument :
BNA_F
ClientSampleId :
RBR-56MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	34.0
229	21.0	16.6	25.0

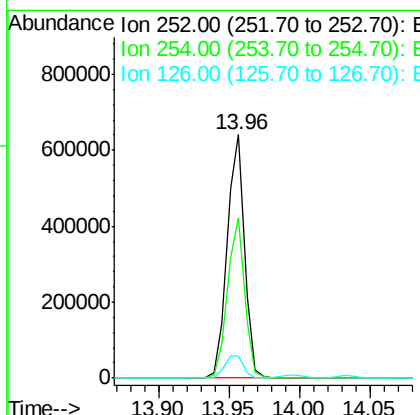
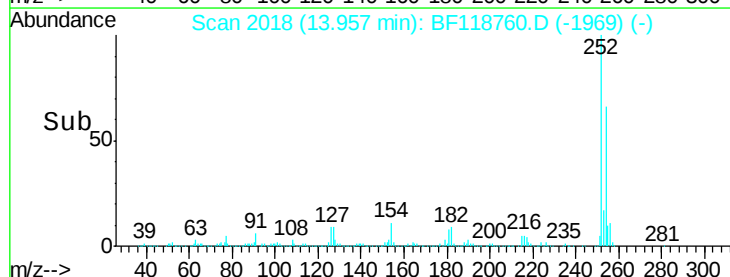
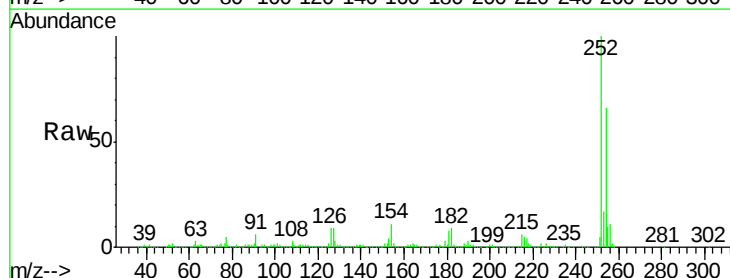
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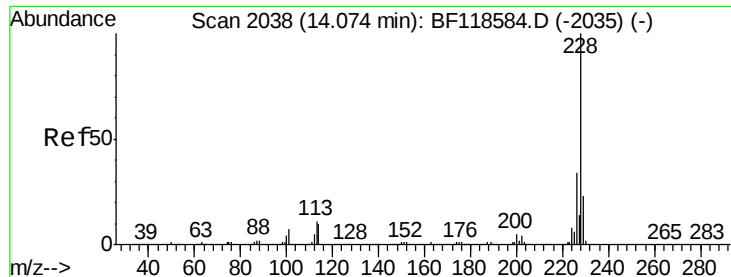
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 30.203 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.9	52.6	78.8
126	9.3	8.1	12.1





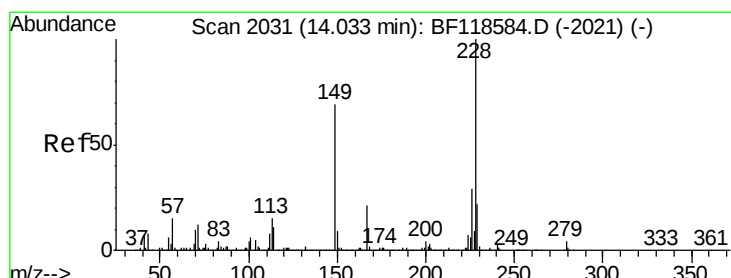
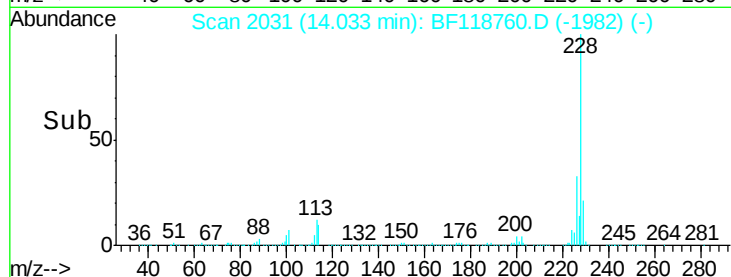
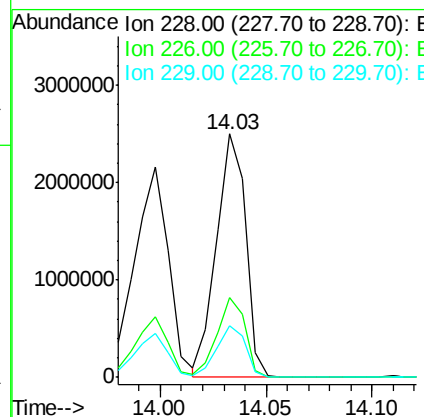
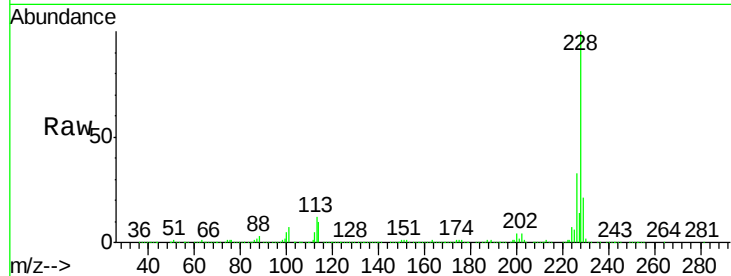
#83
 Chrvsene
 Concen: 49.596 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF118760.D
 Acq: 30 Jan 2020 19:20

Instrument :
 BNA_F
 ClientSampleId :
 RBR-56MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.6	38.4
229	21.3	17.1	25.7

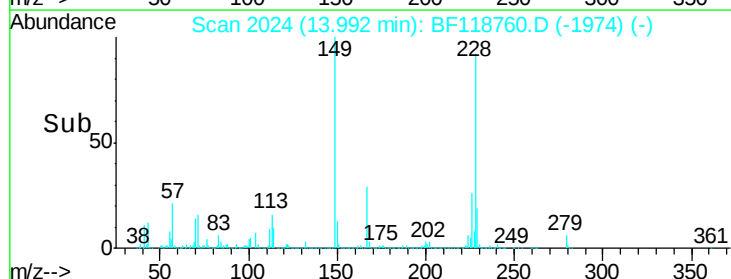
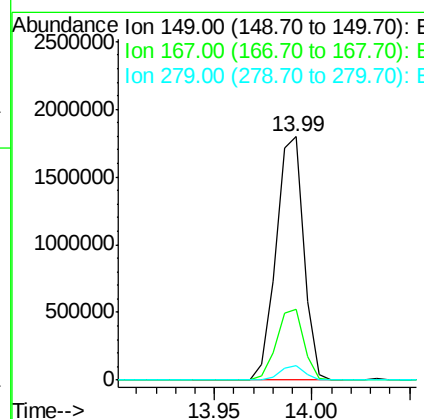
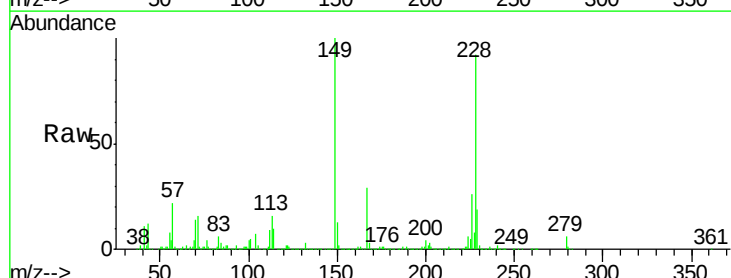
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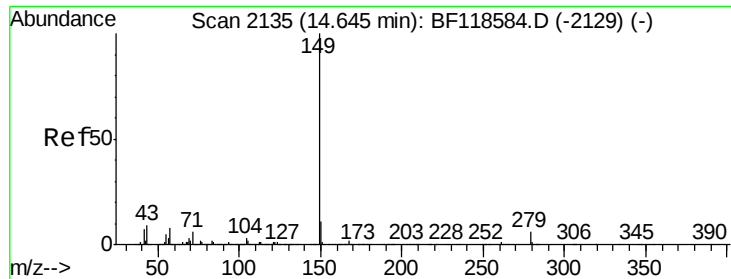
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 61.651 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF118760.D
 Acq: 30 Jan 2020 19:20

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.6	35.4
279	6.2	4.5	6.7





#85

Di-n-octyl phthalate

Concen: 69.826 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Instrument :

BNA_F

ClientSampleId :

RBR-56MSD

Tot Ion:149 Resp: 2959322

Ion Ratio Lower Upper

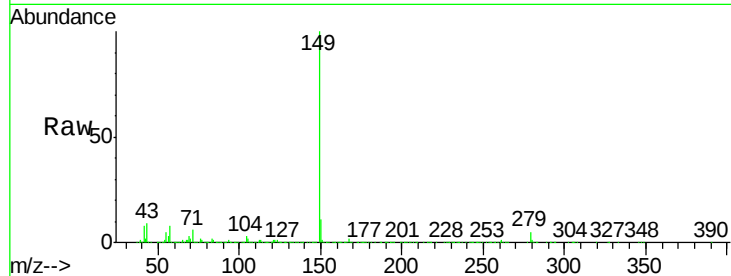
149 100

167 1.7 1.4 2.0

43 8.5 6.6 10.0

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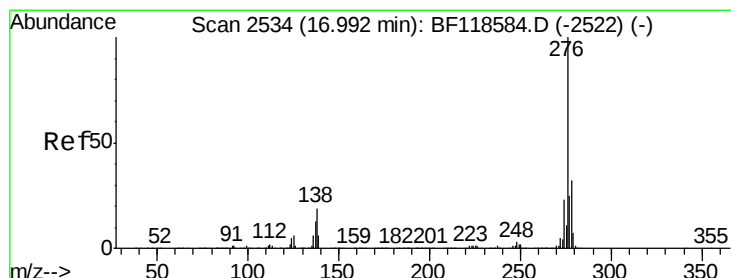
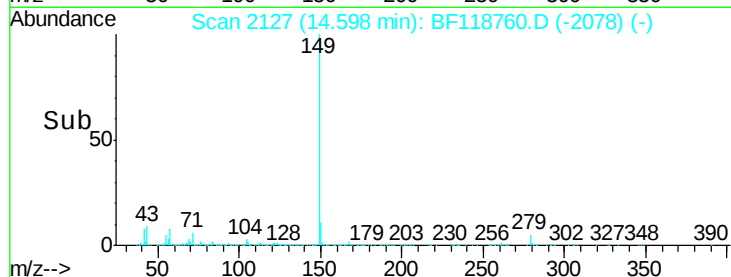
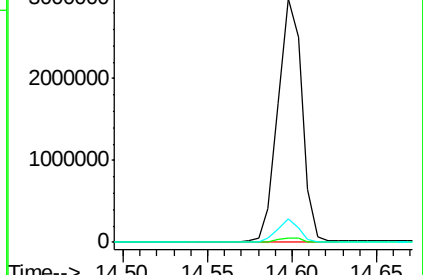
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 64.307 ng

RT: 16.93 min Scan# 2523

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

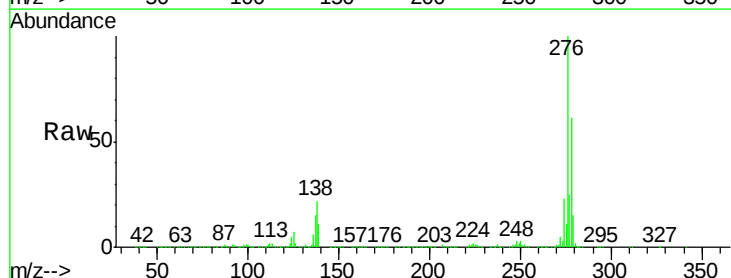
Tgt Ion:276 Resp: 2717202

Ion Ratio Lower Upper

276 100

138 23.2 18.2 27.4

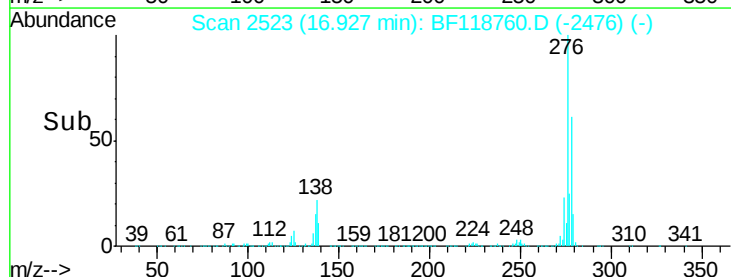
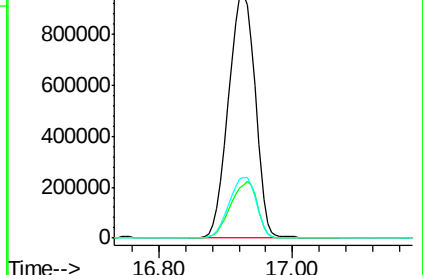
277 25.3 20.4 30.6

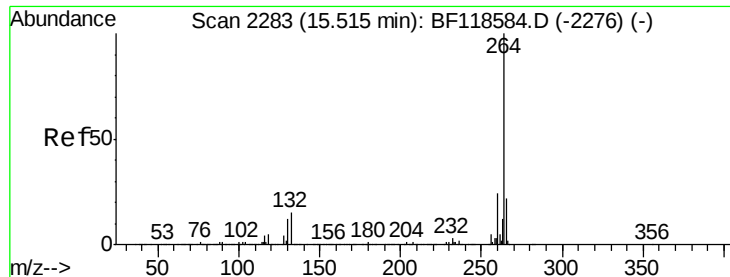


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





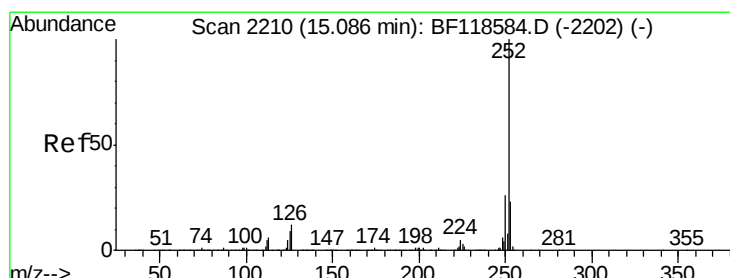
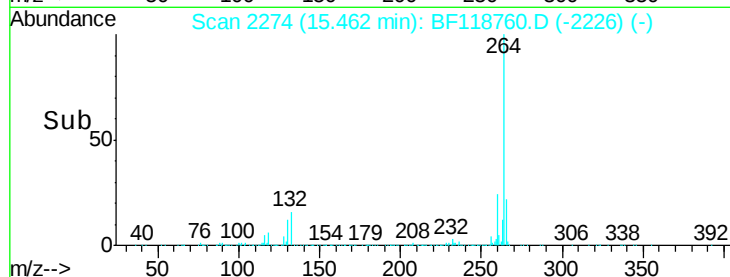
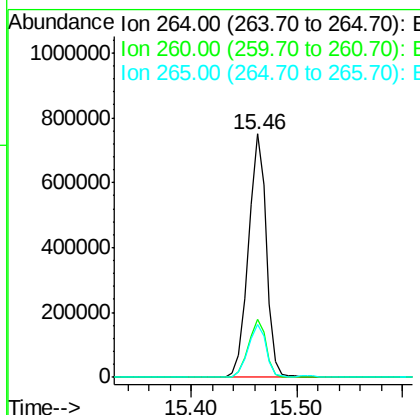
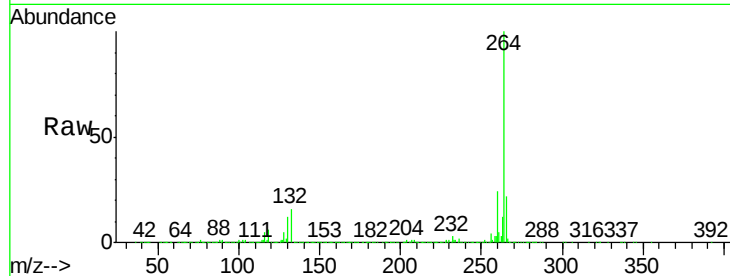
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.02 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Instrument :
BNA_F
ClientSampleId :
RBR-56MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.9	17.0	25.6

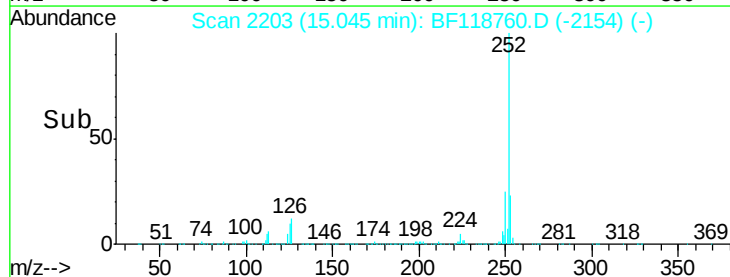
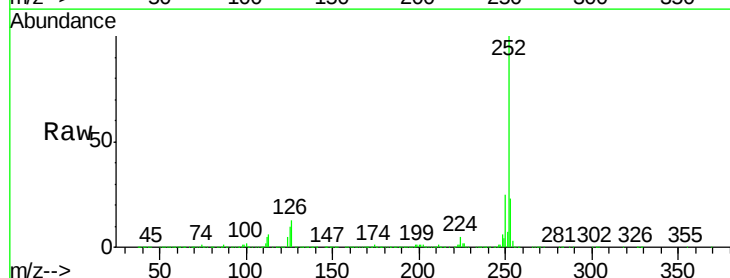
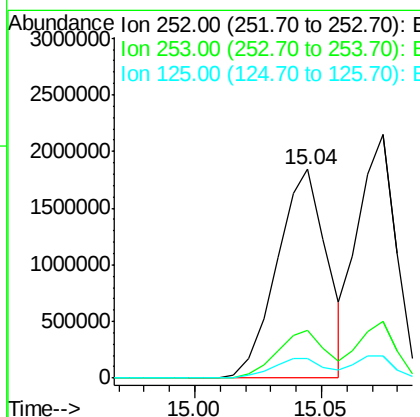
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#88
Benzo(b)fluoranthene
Concen: 45.200 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.4
125	9.6	7.7	11.5





#89

Benzo(k)fluoranthene

Concen: 43.210 ng

RT: 15.07 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Instrument :

BNA_F

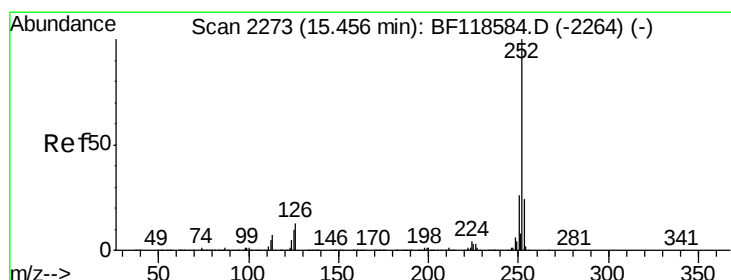
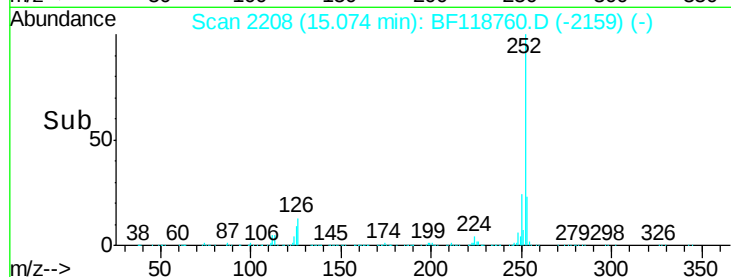
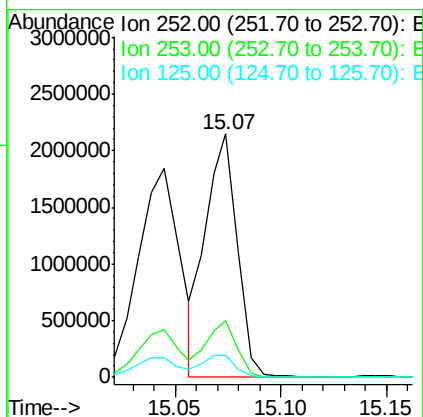
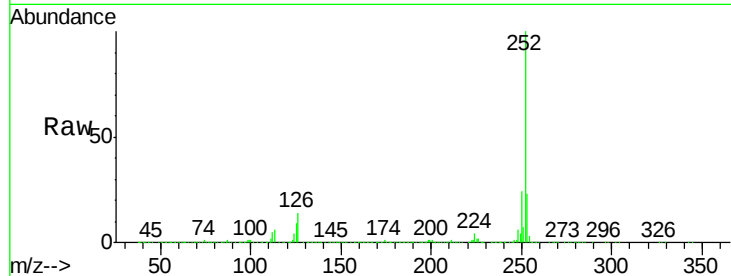
ClientSampleId :

RBR-56MSD

Tot	Ion:252	Resp: 2229314	
Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	9.3	8.1	12.1

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#90

Benzo(a)pyrene

Concen: 44.991 ng

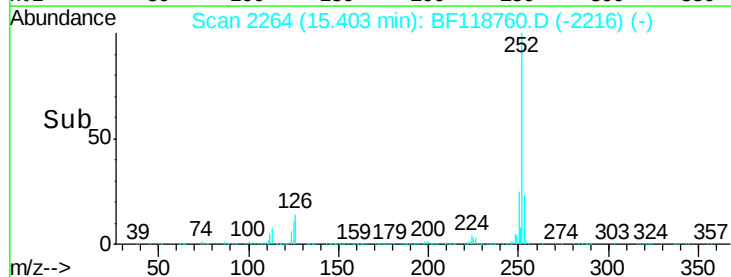
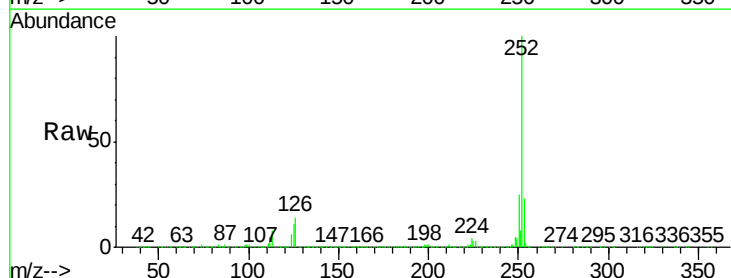
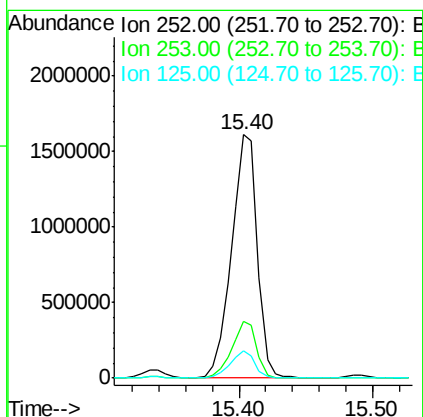
RT: 15.40 min Scan# 2264

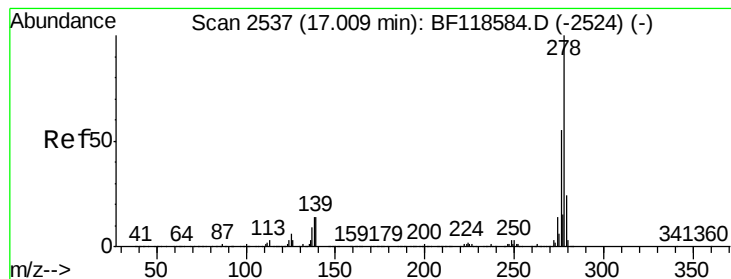
Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Tgt Ion	252	Resp: 2161272	
	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.4
125	11.1	8.3	12.5





#91

Dibenzo(a,h)anthracene

Concen: 51.901 ng

RT: 16.94 min Scan# 2526

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Instrument :

BNA_F

ClientSampleId :

RBR-56MSD

Tot Ion:278 Resp: 2205424

Ion Ratio Lower Upper

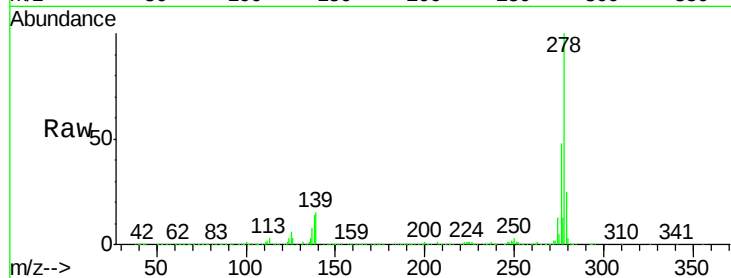
278 100

139 14.7 11.8 17.6

279 24.7 19.1 28.7

Manual Integrations
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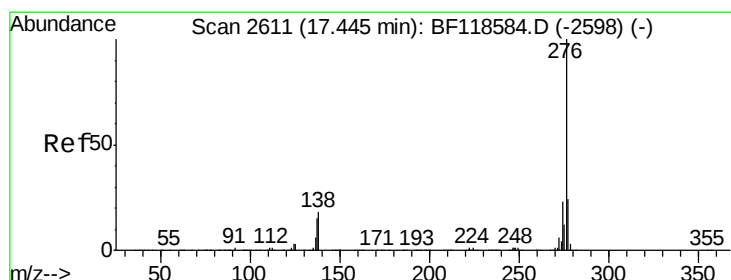
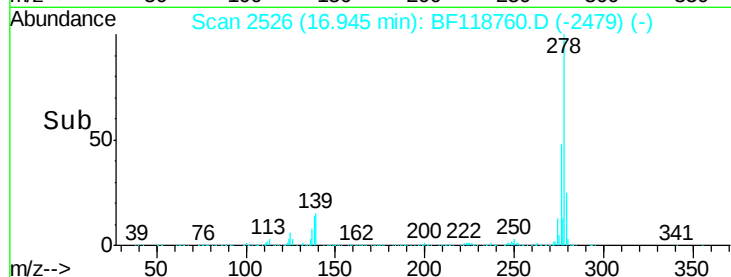
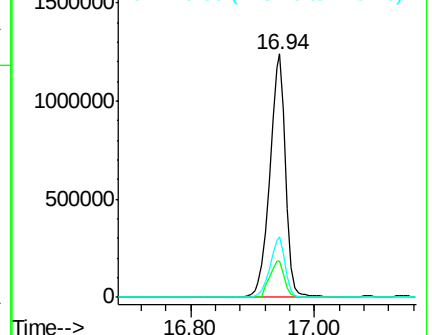
mohammad
2/3/2020 7:57:09 AM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 56.373 ng

RT: 17.37 min Scan# 2598

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

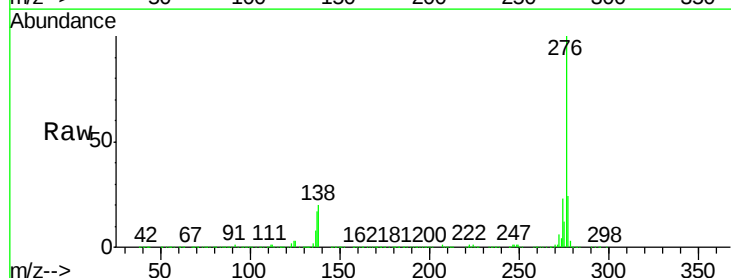
Tgt Ion:276 Resp: 2325831

Ion Ratio Lower Upper

276 100

277 24.5 19.0 28.6

138 20.4 15.4 23.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

