

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112119\
 Data File : BF117902.D
 Acq On : 21 Nov 2019 10:46
 Operator : JU
 Sample : K5904-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1-(2-4)MS

Manual Integrations
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 11/22/2019 1:20:44 PM

Quant Time: Nov 21 15:27:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	134619	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	597521	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	320905	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	624379	20.00	ng	0.00
76) Chrysene-d12	14.12	240	467320	20.00	ng	0.00
87) Perylene-d12	15.62	264	478011	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	628456	82.64	ng	0.00
7) Phenol-d6	6.54	99	874946	95.38	ng	0.00
23) Nitrobenzene-d5	7.48	82	620858	61.77	ng	-0.01
42) 2,4,6-Tribromophenol	10.76	330	284323	83.69	ng	0.00
45) 2-Fluorobiphenyl	9.28	172	1236001	69.10	ng	-0.01
79) Terphenyl-d14	13.05	244	1515635	59.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	122655	34.503	ng	97
3) Pyridine	3.48	79	322857	34.622	ng	98
4) n-Nitrosodimethylamine	3.43	42	165234	40.592	ng	99
6) Aniline	6.57	93	195517	16.129	ng	100
8) 2-Chlorophenol	6.70	128	356676	43.222	ng	97
9) Benzaldehyde	6.46	77	173027	26.195	ng	98
10) Phenol	6.55	94	446709	46.864	ng	96
11) bis(2-Chloroethyl)ether	6.65	93	309854	40.479	ng	100
12) 1,3-Dichlorobenzene	6.86	146	398362	41.003	ng	98
13) 1,4-Dichlorobenzene	6.93	146	404905	41.232	ng	99
14) 1,2-Dichlorobenzene	7.09	146	397693	42.344	ng	99
15) Benzyl Alcohol	7.05	79	330604	46.682	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.19	45	456948	38.773	ng	99
17) 2-Methylphenol	7.16	107	311913	44.633	ng	99
18) Hexachloroethane	7.43	117	161587	44.791	ng	95
19) n-Nitroso-di-n-propylamine	7.33	70	252522	44.623	ng	96
20) 3+4-Methylphenols	7.32	107	394474	45.473	ng	# 84
22) Acetophenone	7.32	105	511101	38.072	ng	# 96
24) Nitrobenzene	7.50	77	425291	41.014	ng	100
25) Isophorone	7.74	82	754768	40.969	ng	99
26) 2-Nitrophenol	7.82	139	224950	44.570	ng	95
27) 2,4-Dimethylphenol	7.85	122	355146	45.284	ng	98
28) bis(2-Chloroethoxy)methane	7.95	93	472475	40.415	ng	99
29) 2,4-Dichlorophenol	8.06	162	353941	41.606	ng	99
30) 1,2,4-Trichlorobenzene	8.15	180	383087	38.823	ng	99
31) Naphthalene	8.23	128	1189510	42.702	ng	99
32) Benzoic acid	7.92	122	71193m	10.842	ng	
33) 4-Chloroaniline	8.27	127	130601	10.473	ng	99
34) Hexachlorobutadiene	8.35	225	219540	38.054	ng	98
35) Caprolactam	8.63	113	110215m	40.765	ng	
36) 4-Chloro-3-methylphenol	8.75	107	372733	43.173	ng	95
37) 2-Methylnaphthalene	8.92	142	835574	44.395	ng	99
38) 1-Methylnaphthalene	9.02	142	778512	43.752	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	355080	38.101	ng	99

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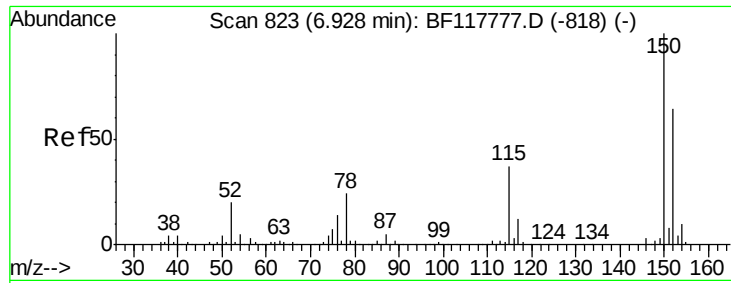
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.07	237	448185	85.816	nq	98
43) 2,4,6-Trichlorophenol	9.20	196	258453	38.719	nq	99
44) 2,4,5-Trichlorophenol	9.24	196	285860	41.246	nq	96
46) 1,1'-Biphenyl	9.39	154	1004112	42.175	nq	99
47) 2-Chloronaphthalene	9.41	162	772987	39.467	nq	98
48) 2-Nitroaniline	9.50	65	231703	39.185	nq	94
49) Acenaphthylene	9.83	152	1233331	43.191	nq	99
50) Dimethylphthalate	9.69	163	1025953	45.591	nq	98
51) 2,6-Dinitrotoluene	9.75	165	212513	43.210	nq	98
52) Acenaphthene	10.00	154	772939	42.255	nq	99
53) 3-Nitroaniline	9.92	138	118380	20.116	nq	88
54) 2,4-Dinitrophenol	10.02	184	94492	41.240	nq	90
55) Dibenzofuran	10.17	168	1094903	43.225	nq	99
56) 4-Nitrophenol	10.07	139	342374	77.941	nq	97
57) 2,4-Dinitrotoluene	10.15	165	287952	46.027	nq	99
58) Fluorene	10.52	166	851914	43.400	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.29	232	214835	37.726	nq	98
60) Diethylphthalate	10.39	149	945526	43.098	nq	100
61) 4-Chlorophenyl-phenylether	10.51	204	429847	43.150	nq	99
62) 4-Nitroaniline	10.53	138	231432	39.277	nq	98
63) Azobenzene	10.67	77	854105	42.792	nq	98
65) 4,6-Dinitro-2-methylphenol	10.56	198	95287	32.690	nq	95
66) n-Nitrosodiphenylamine	10.63	169	770599	42.408	nq	100
67) 4-Bromophenyl-phenylether	11.00	248	273055	40.531	nq	98
68) Hexachlorobenzene	11.07	284	309897	39.449	nq	99
69) Atrazine	11.16	200	281403	47.077	nq	99
70) Pentachlorophenol	11.26	266	261130	56.897	nq	99
71) Phenanthrene	11.49	178	1353155	43.105	nq	98
72) Anthracene	11.54	178	1368916	43.982	nq	99
73) Carbazole	11.69	167	1251785	46.025	nq	99
74) Di-n-butylphthalate	12.02	149	1571554	46.408	nq	99
75) Fluoranthene	12.68	202	1541781	55.728	nq	99
77) Benzidine	12.79	184	382691	25.000	nq	100
78) Pyrene	12.91	202	1524367	40.363	nq	100
80) Butylbenzylphthalate	13.52	149	689791	42.525	nq	92
81) Benzo(a)anthracene	14.10	228	1306343	42.302	nq	99
82) 3,3'-Dichlorobenzidine	14.06	252	201504	18.654	nq	98
83) Chrysene	14.14	228	1251789	41.832	nq	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	976444	49.653	nq	100
85) Di-n-octyl phthalate	14.70	149	1602295	55.462	nq	99
86) Indeno(1,2,3-cd)pyrene	17.16	276	1392925	54.693	nq	99
88) Benzo(b)fluoranthene	15.17	252	1289947	41.535	nq	100
89) Benzo(k)fluoranthene	15.20	252	1235456	42.220	nq	98
90) Benzo(a)pyrene	15.56	252	1110727	40.672	nq	99
91) Dibenzo(a,h)anthracene	17.18	278	1138054	48.416	nq	98
92) Benzo(g,h,i)perylene	17.63	276	1157128	49.424	nq	99

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



#1

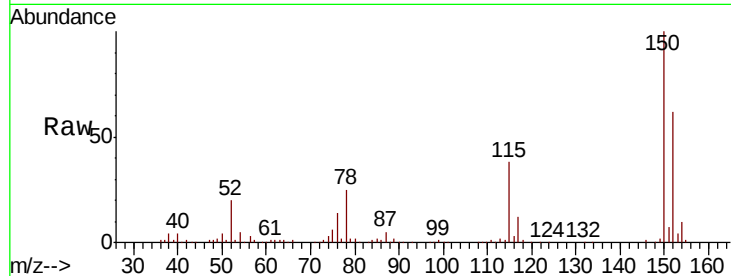
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Instrument :
BNA_F
ClientSampleId :
1-(2-4)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	125.3	187.9
115	60.2	47.0	70.4

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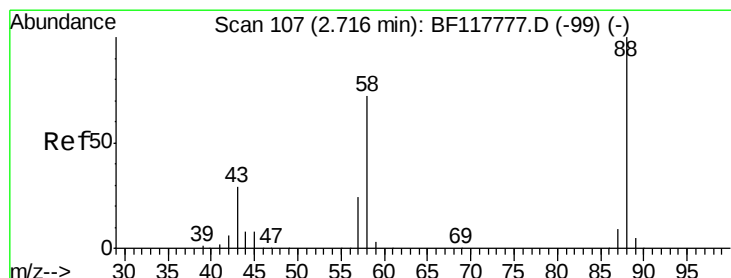
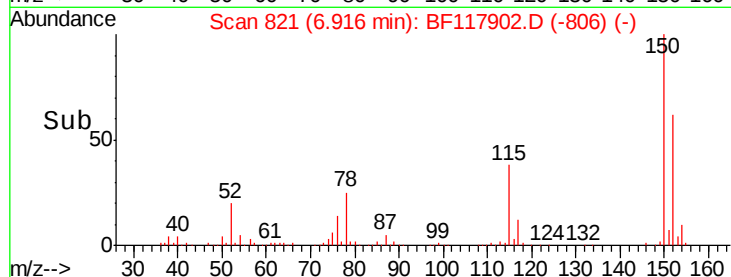
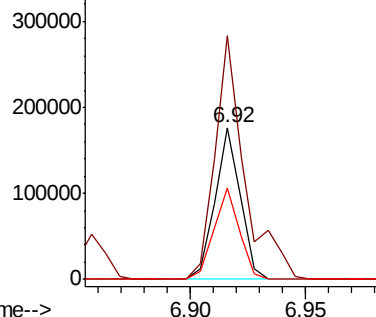


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

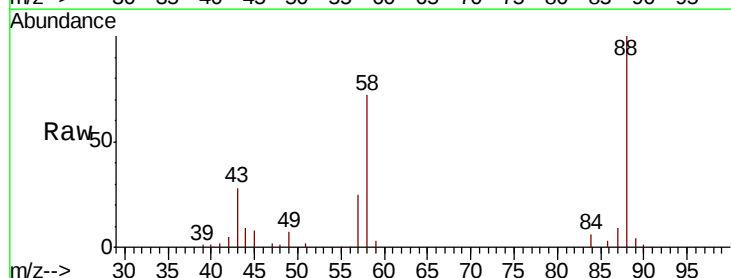
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.503 ng
RT: 2.71 min Scan# 106
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.5	58.2	87.2
43	28.6	23.3	34.9

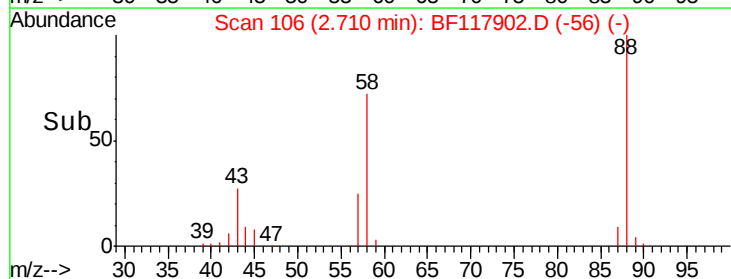
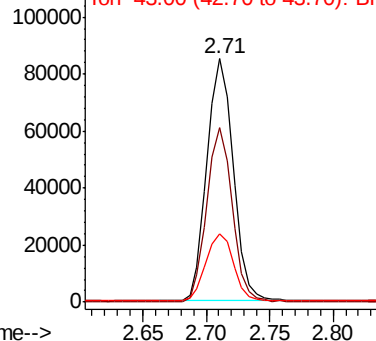


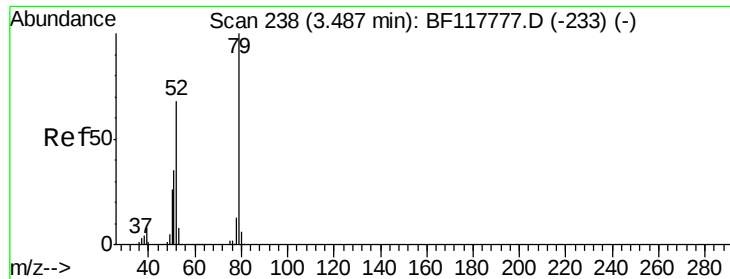
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 34.622 ng

RT: 3.48 min Scan# 237

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

Instrument :

BNA_F

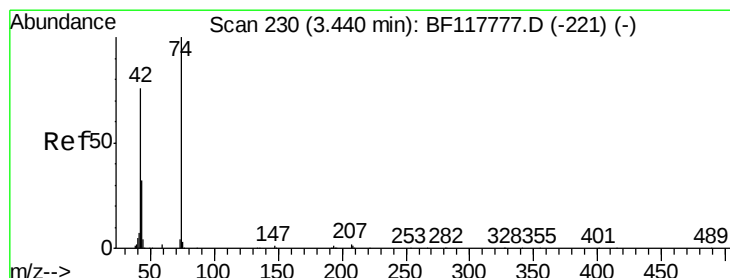
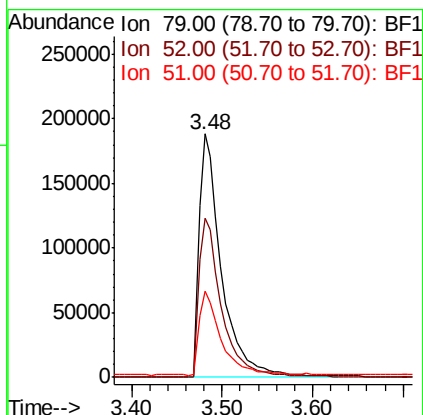
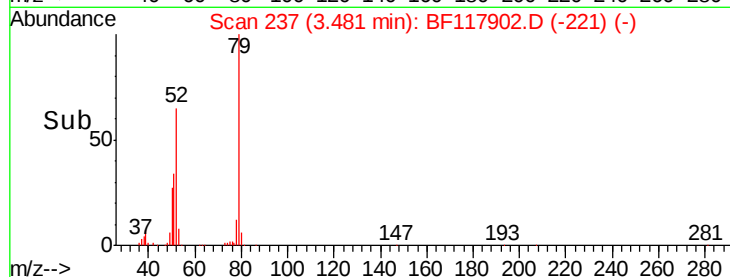
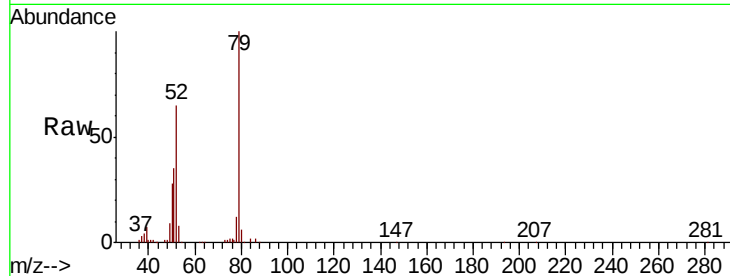
ClientSampleId :

1-(2-4)MS

Tot Ion:	79	Resp:	322857
Ion Ratio	Lower	Upper	
79	100		
52	65.5	54.8	82.2
51	35.3	28.2	42.4

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#4

n-Nitrosodimethylamine

Concen: 40.592 ng

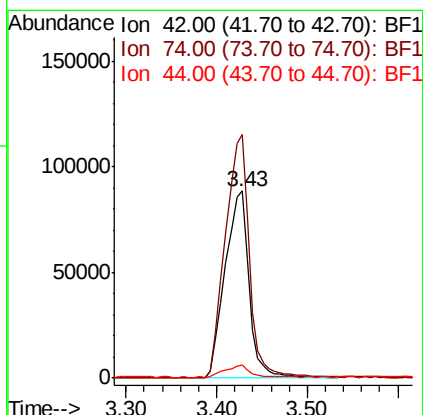
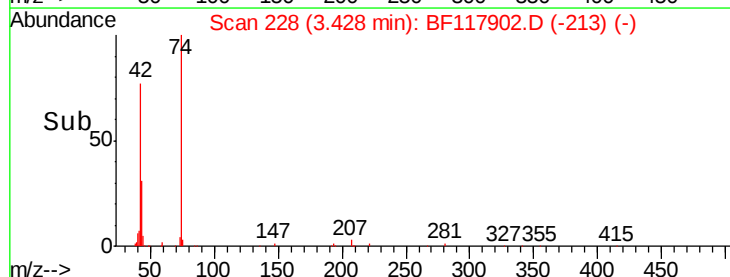
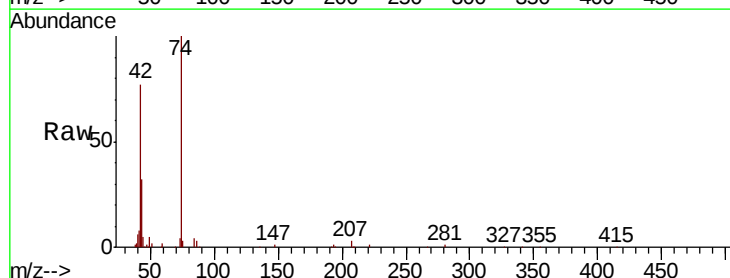
RT: 3.43 min Scan# 228

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

Tgt Ion:	42	Resp:	165234
Ion Ratio	Lower	Upper	
42	100		
74	130.3	105.1	157.7
44	6.9	4.6	7.0





#5

2-Fluorophenol

Concen: 82.636 ng

RT: 5.53 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

Instrument :

BNA_F

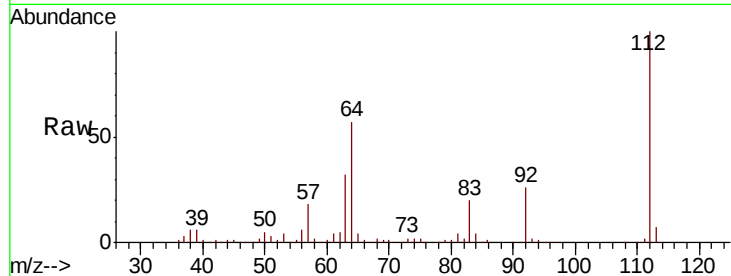
ClientSampleId :

1-(2-4)MS

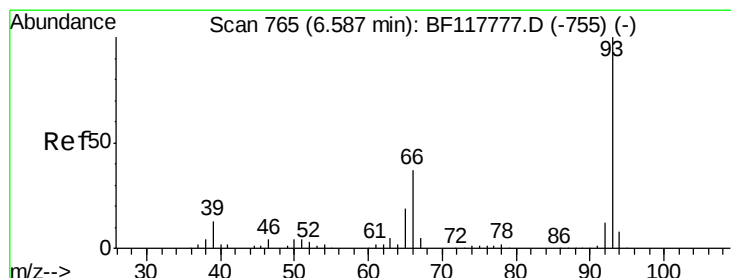
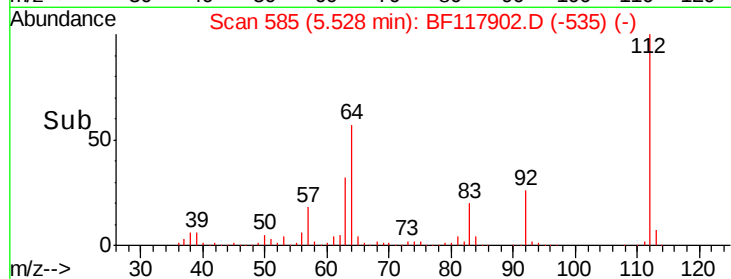
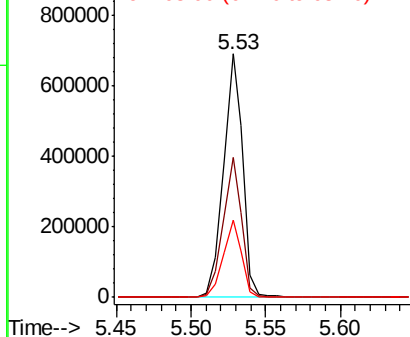
Tot Ion	Ratio	Resp	Lower	Upper
112	100	628456		
64	57.3	45.6	68.4	
63	31.6	24.1	36.1	

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



#6

Aniline

Concen: 16.129 ng

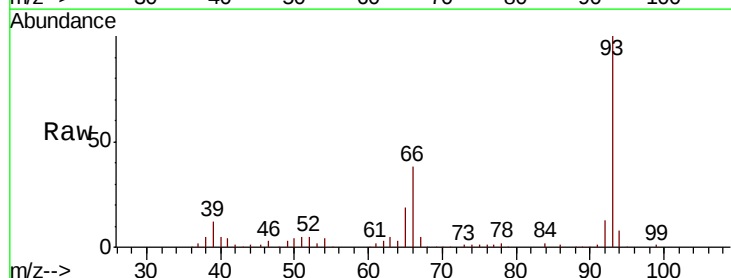
RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

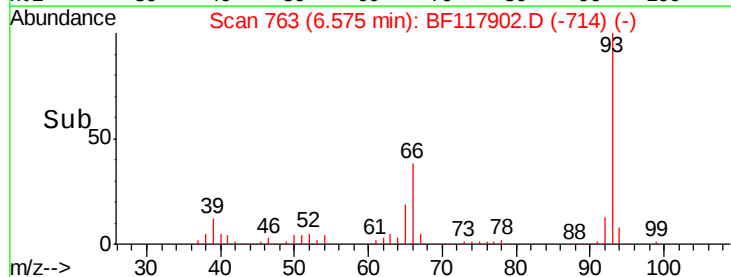
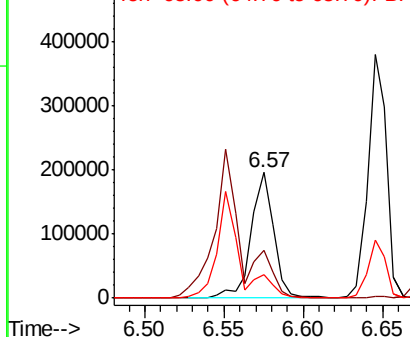
Lab File: BF117902.D

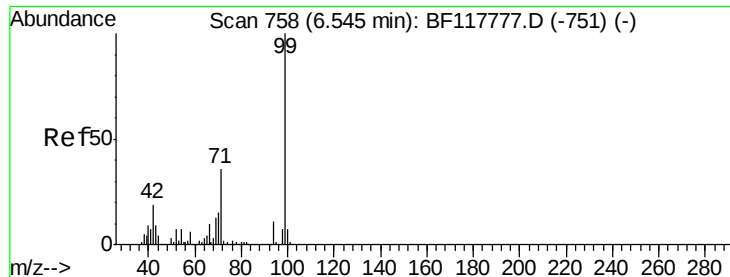
Acq: 21 Nov 2019 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	195517		
66	38.2	30.6	45.8	
65	19.1	15.6	23.4	



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





#7

Phenol-d6

Concen: 95.382 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

Instrument :

BNA_F

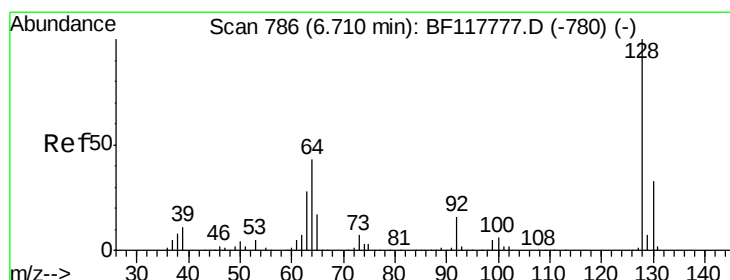
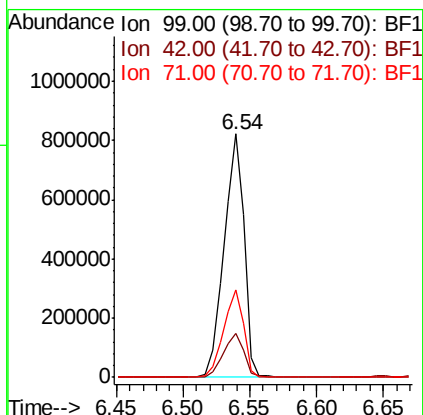
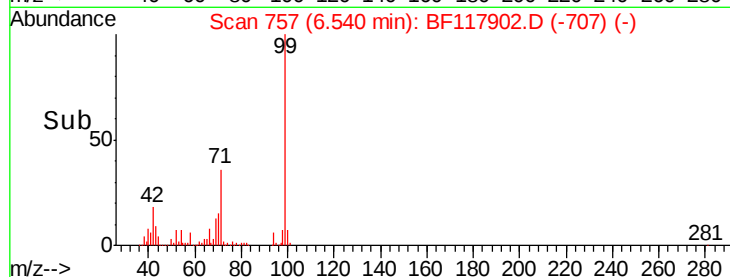
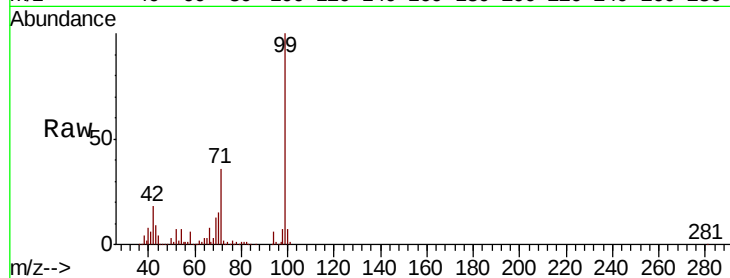
ClientSampleId :

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Tot Ion:	99	Resp:	874946
Ion Ratio	Lower	Upper	
99	100		
42	18.2	14.9	22.3
71	36.0	28.6	43.0

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#8

2-Chlorophenol

Concen: 43.222 ng

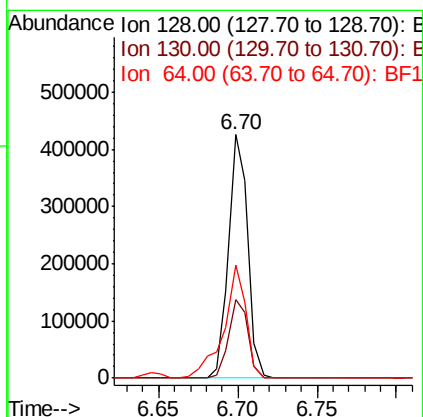
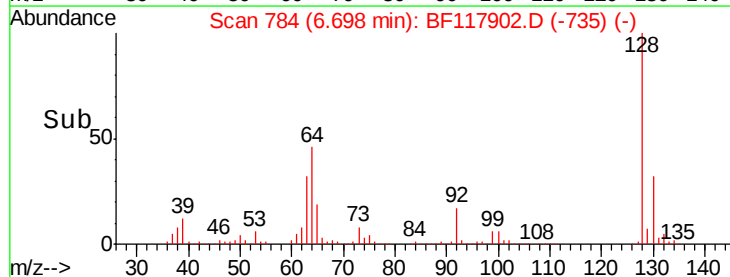
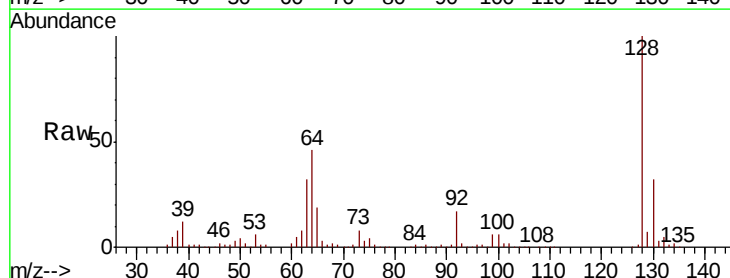
RT: 6.70 min Scan# 784

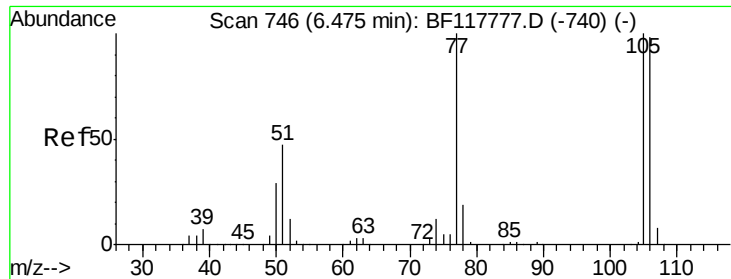
Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

Tgt Ion:	128	Resp:	356676
Ion Ratio	Lower	Upper	
128	100		
130	32.2	13.2	53.2
64	46.4	23.7	63.7





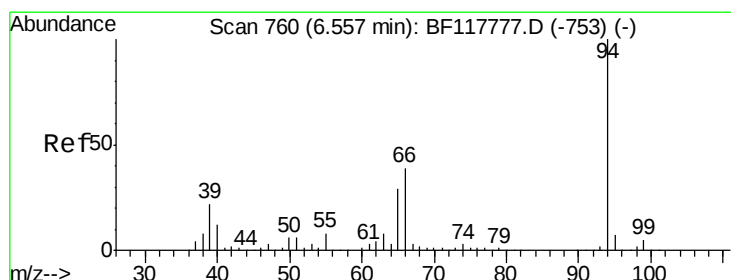
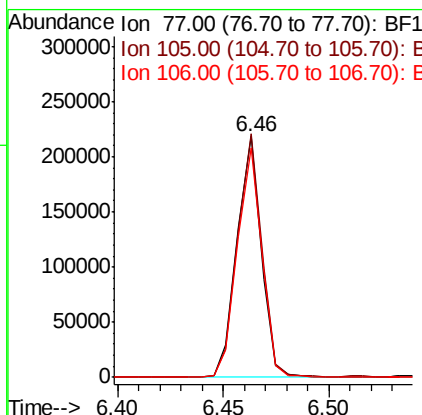
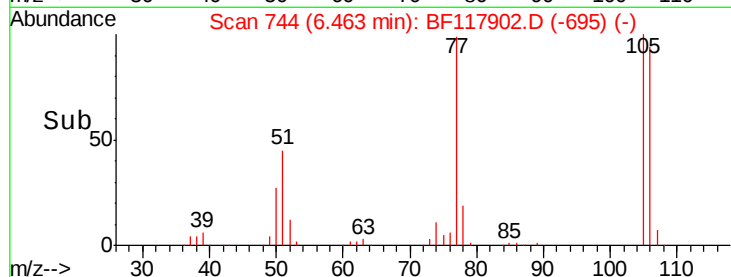
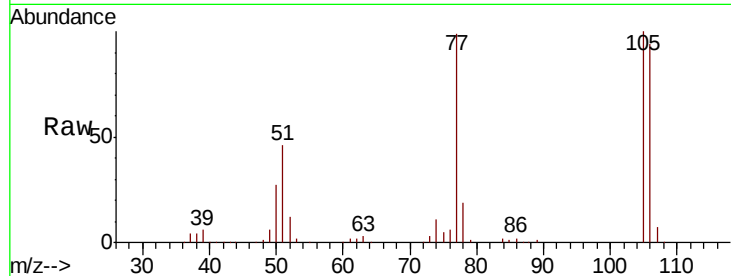
#9
Benzaldehyde
Concen: 26.195 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Instrument :
BNA_F
ClientSampleId :
1-(2-4)MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.1	80.2	120.2
106	95.4	78.4	118.4

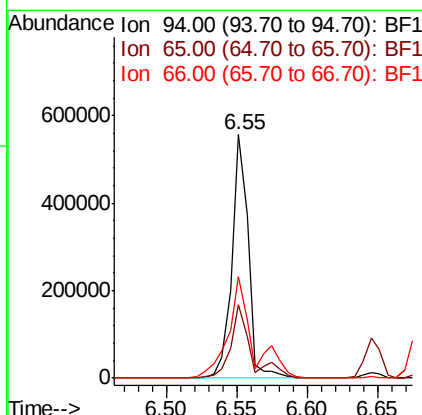
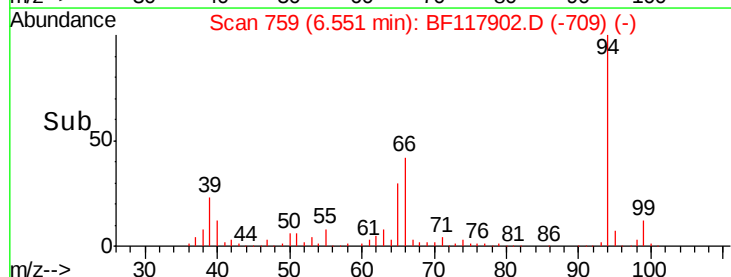
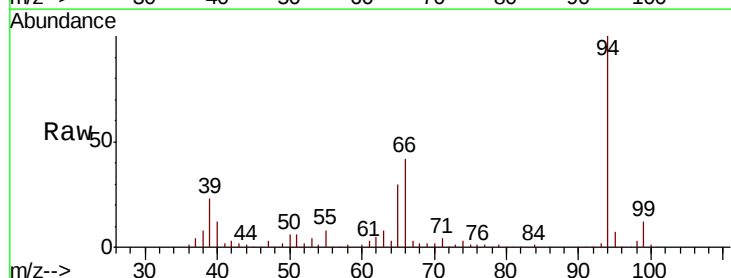
Manual Integrations
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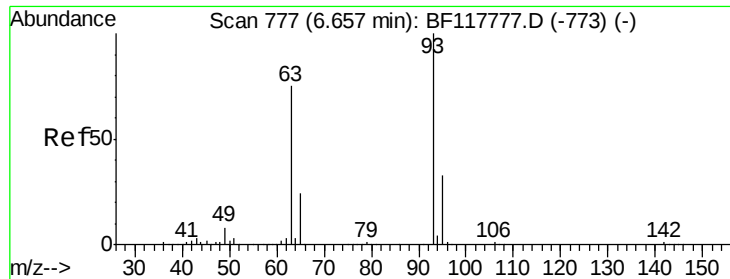
mohammad
11/22/2019 1:20:44 PM



#10
Phenol
Concen: 46.864 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.0	8.9	48.9
66	41.7	18.7	58.7





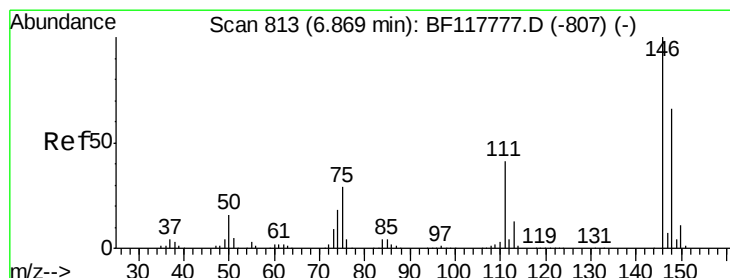
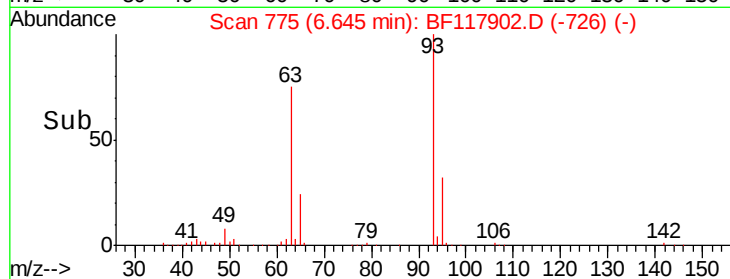
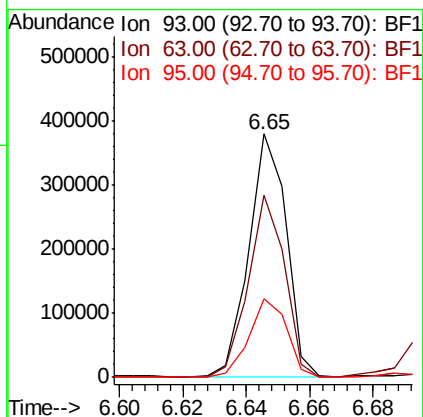
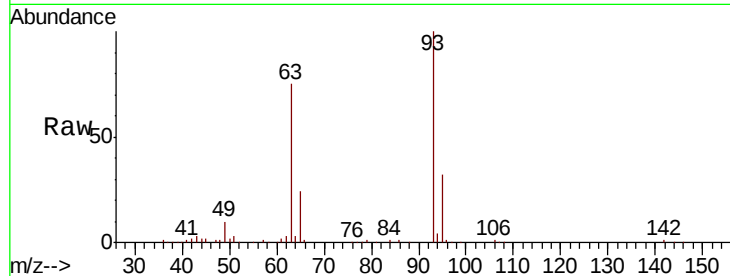
#11
bis(2-Chloroethyl)ether
Concen: 40.479 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Instrument :
BNA_F
ClientSampleId :
1-(2-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	309854		
63	74.7	54.8	94.8	
95	32.4	12.7	52.7	

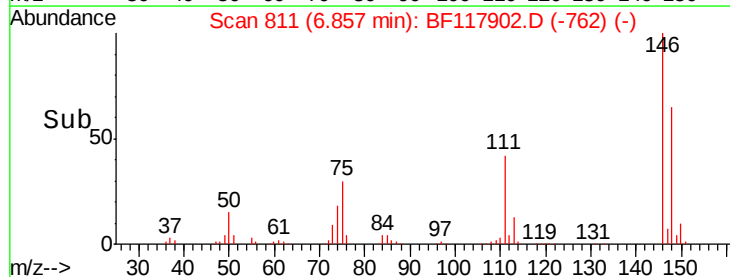
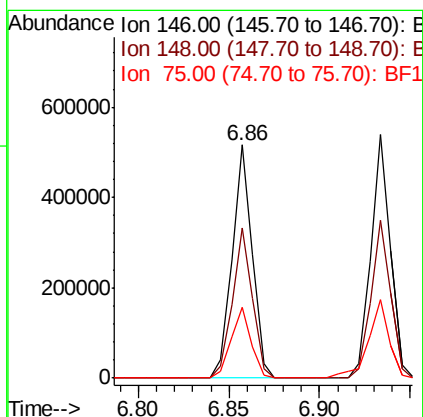
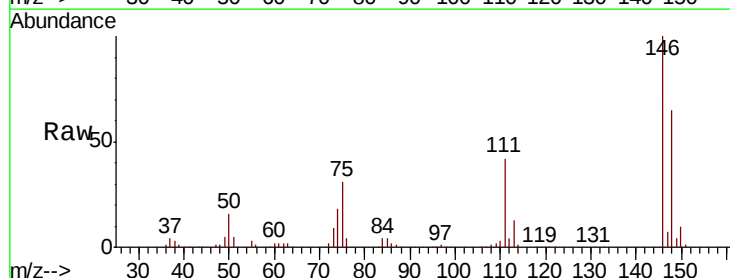
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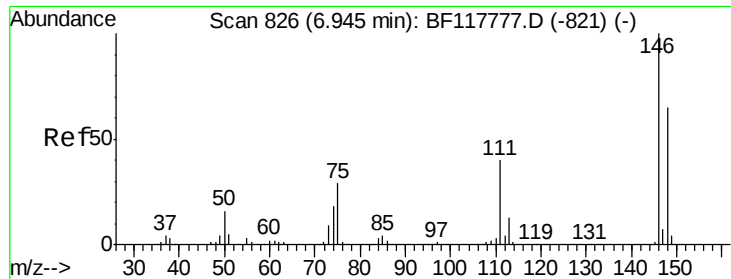
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.003 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	398362		
148	64.6	52.8	79.2	
75	30.5	23.4	35.0	





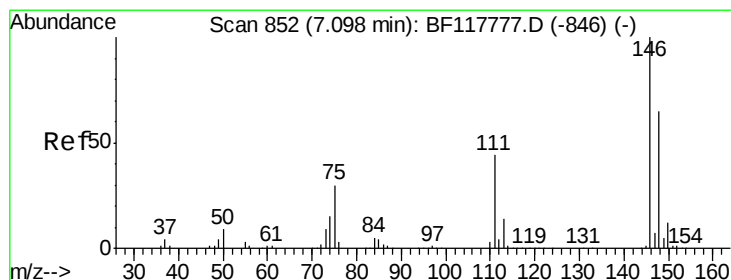
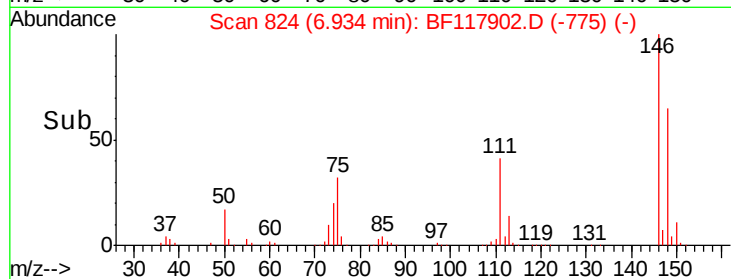
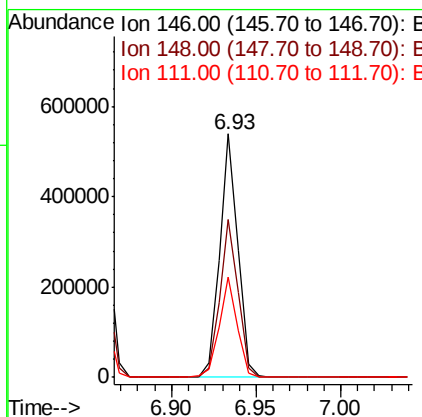
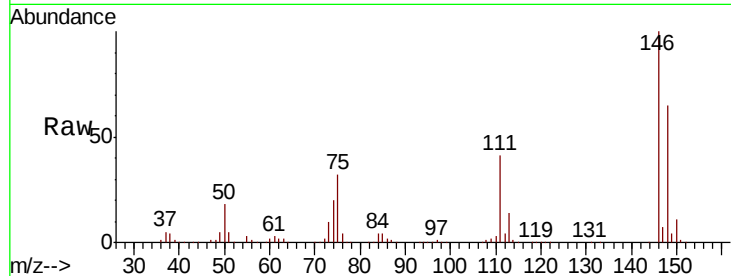
#13
1,4-Dichlorobenzene
Concen: 41.232 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Instrument :
BNA_F
ClientSampleId :
1-(2-4)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.3	78.5
111	40.9	32.2	48.4

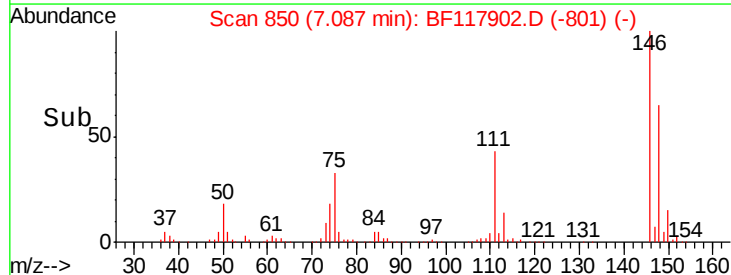
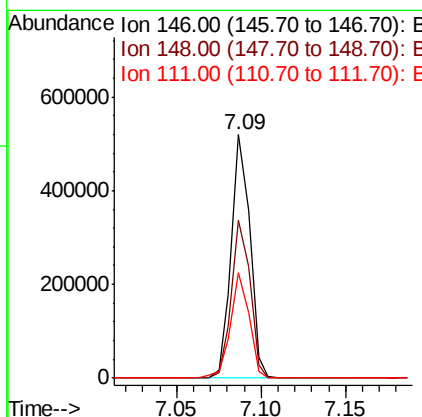
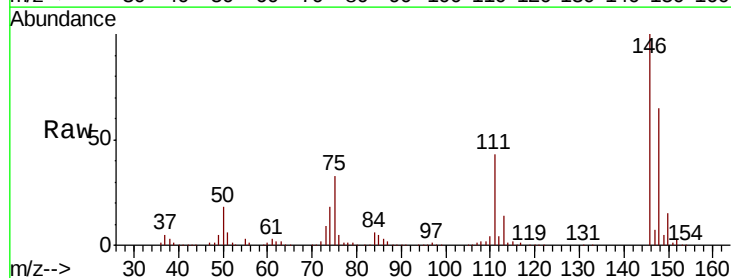
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#14
1,2-Dichlorobenzene
Concen: 42.344 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.8
111	43.2	35.0	52.6





#15

Benzyl Alcohol

Concen: 46.682 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

Instrument :

BNA_F

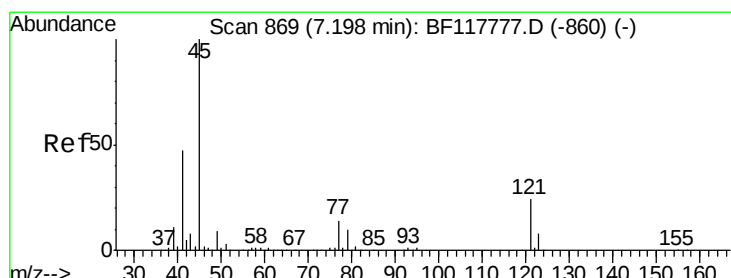
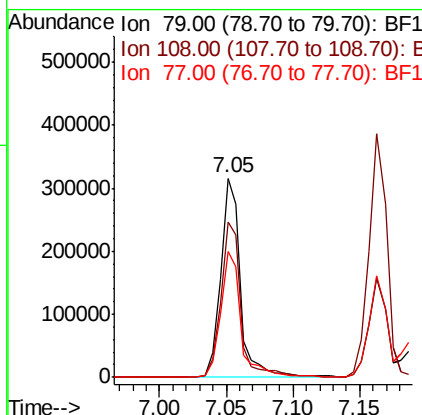
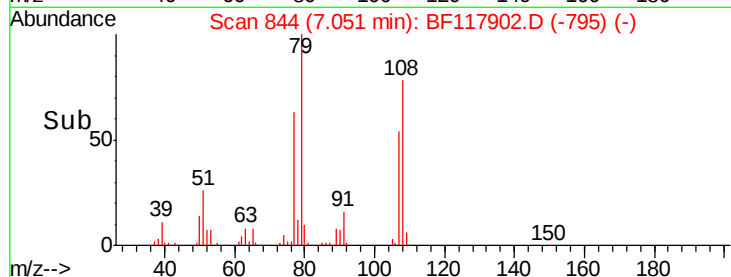
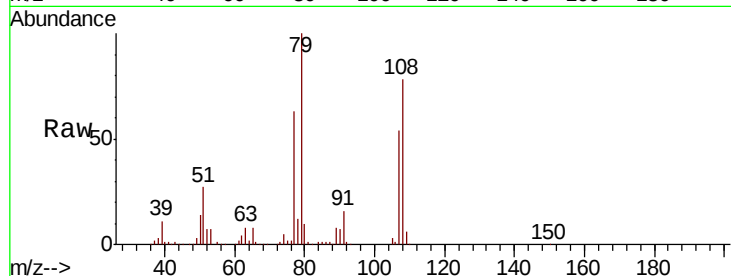
ClientSampleId :

1-(2-4)MS

Tot Ion:	79	Resp:	330604
Ion Ratio	Lower	Upper	
79	100		
108	77.9	64.1	96.1
77	63.0	51.3	76.9

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.773 ng

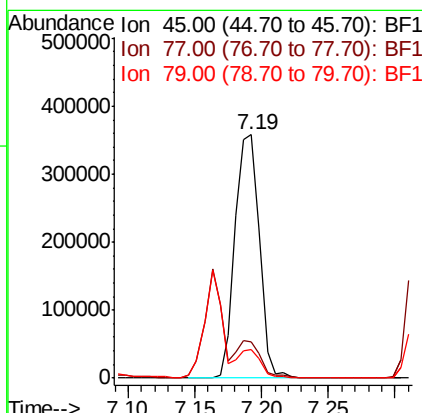
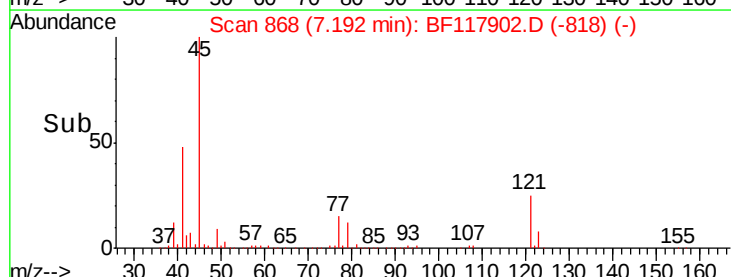
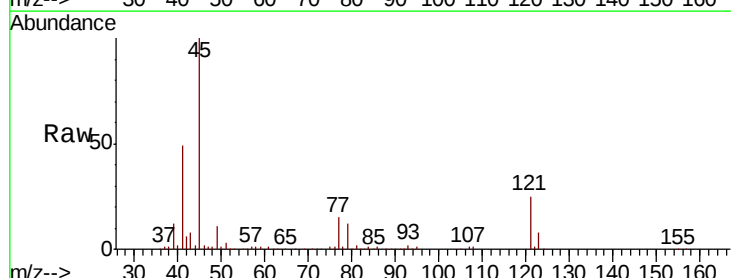
RT: 7.19 min Scan# 868

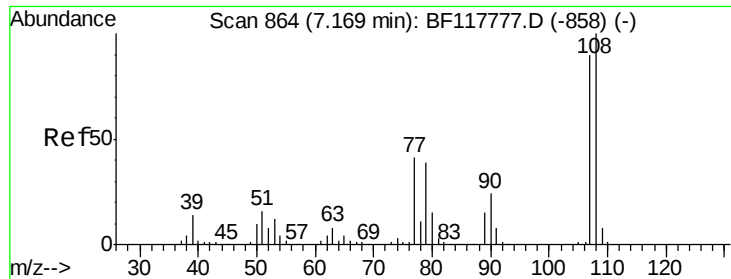
Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

Tgt Ion:	45	Resp:	456948
Ion Ratio	Lower	Upper	
45	100		
77	15.1	0.0	35.0
79	11.7	0.0	31.1





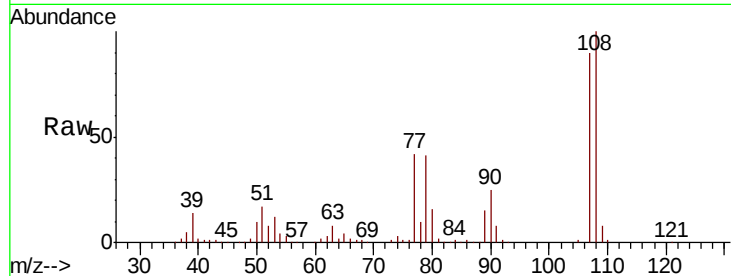
#17
2-Methylphenol
Concen: 44.633 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Instrument :
BNA_F
ClientSampled :
1-(2-4)MS

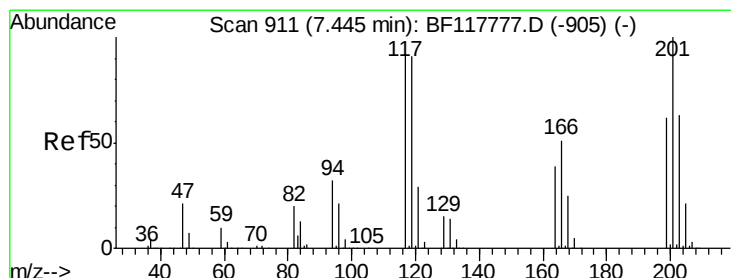
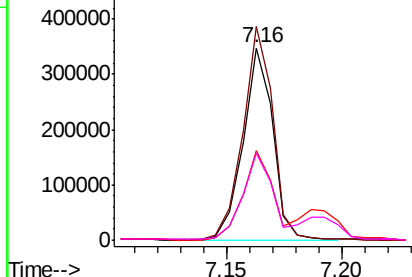
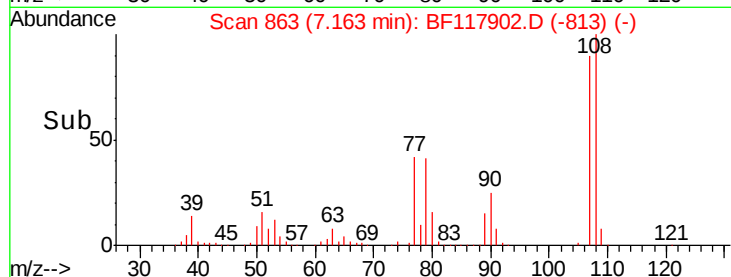
Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	111.2	89.1	133.7		
77	46.5	36.6	54.8		
79	45.5	35.2	52.8		

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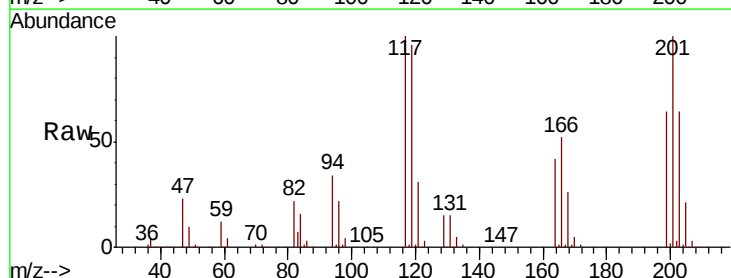


Abundance Ion 107.00 (106.70 to 107.70): E
600000 Ion 108.00 (107.70 to 108.70): E
500000 Ion 77.00 (76.70 to 77.70): BF1
400000 Ion 79.00 (78.70 to 79.70): BF1

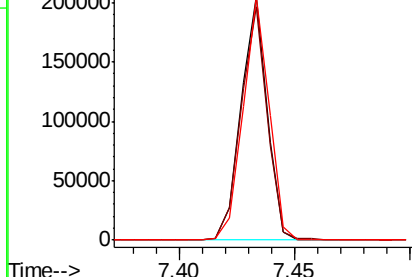
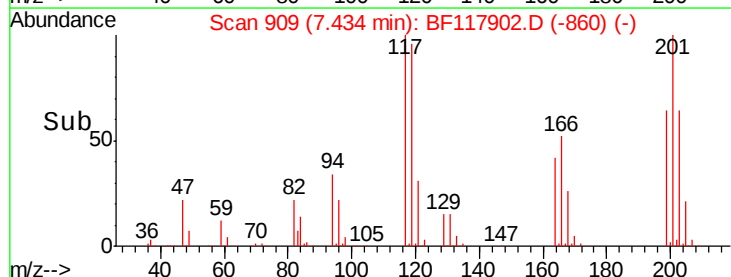


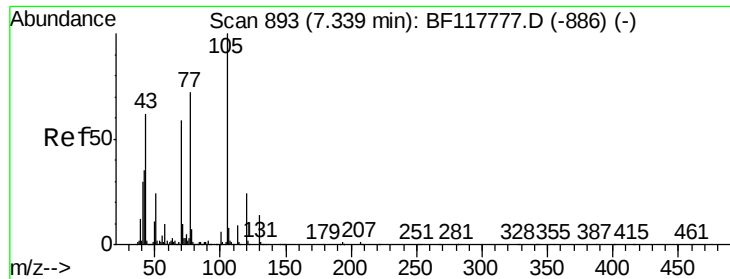
#18
Hexachloroethane
Concen: 44.791 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	96.1	78.7	118.1		
201	100.0	86.5	129.7		



Abundance Ion 117.00 (116.70 to 117.70): E
250000 Ion 119.00 (118.70 to 119.70): E
200000 Ion 201.00 (200.70 to 201.70): E





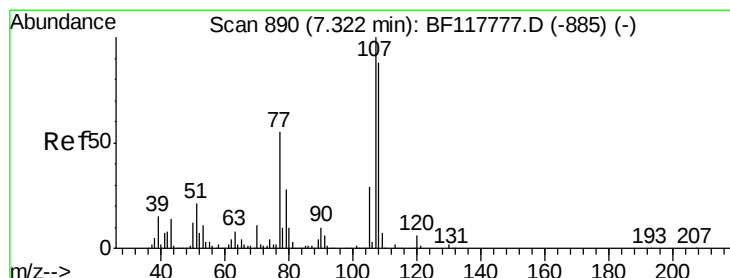
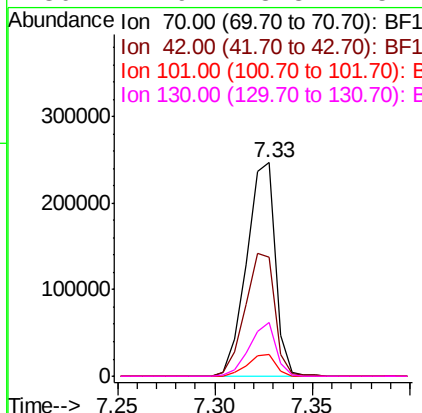
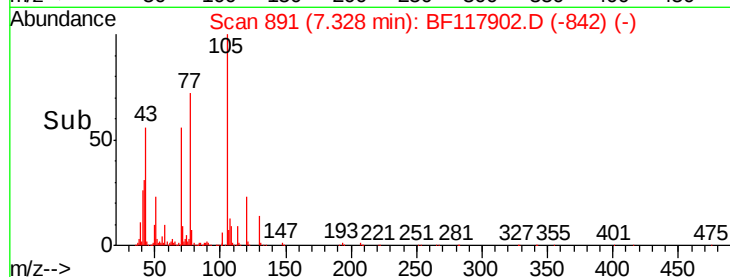
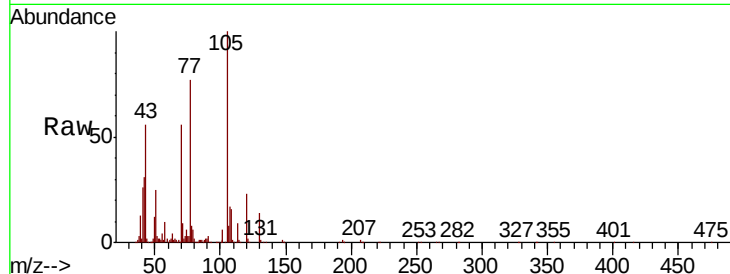
#19
n-Nitroso-di-n-propylamine
Concen: 44.623 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Instrument :
BNA_F
ClientSampleId :
1-(2-4)MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.6	47.4	71.2	
101	10.1	8.4	12.6	
130	24.9	18.8	28.2	

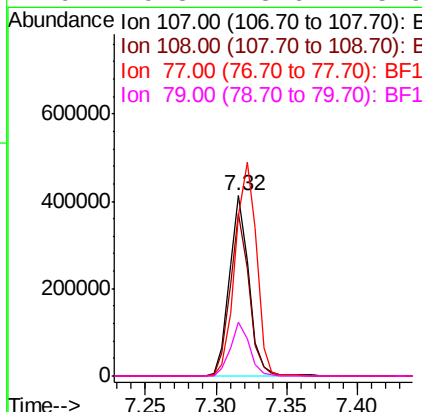
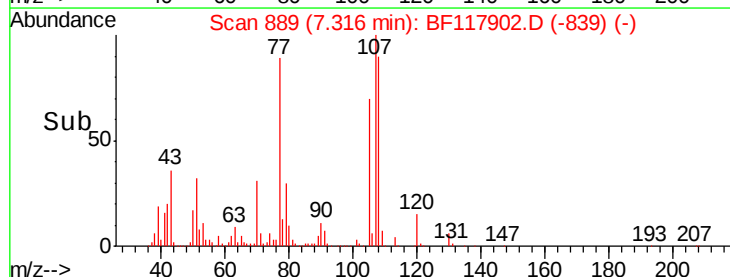
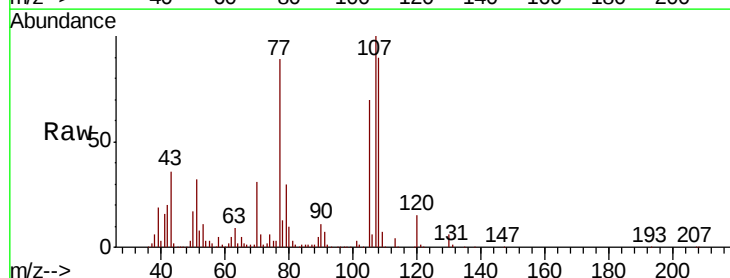
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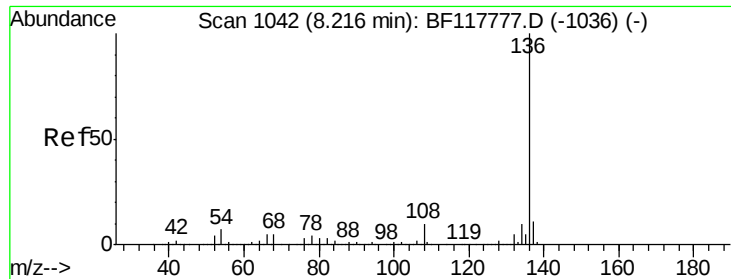
mohammad
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#20
3+4-Methylphenols
Concen: 45.473 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.3	68.4	108.4	
77	89.0	35.2	75.2	
79	29.8	8.6	48.6	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

Instrument :

BNA_F

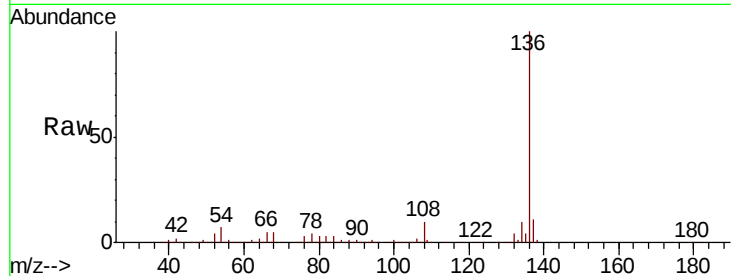
ClientSampleId :

1-(2-4)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		597521		
137	10.9		9.0	13.4	
54	7.1		5.4	8.2	
68	5.4		4.3	6.5	

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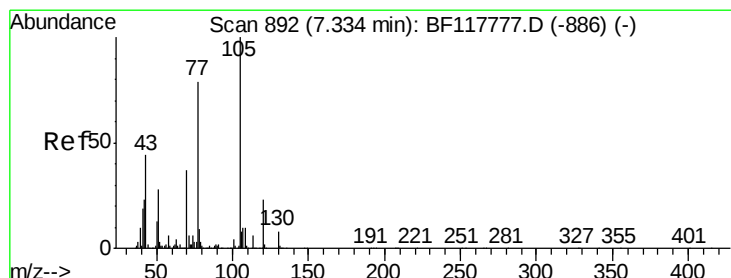
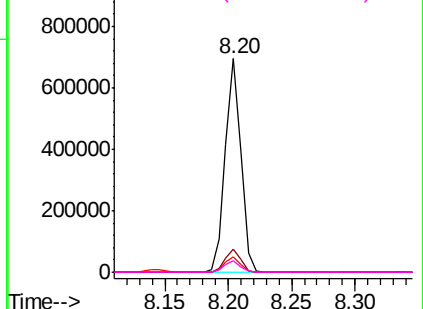
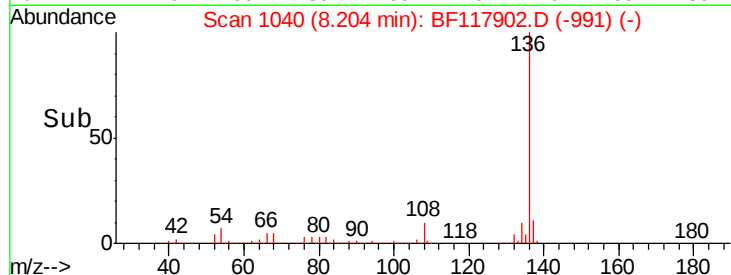
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.072 ng

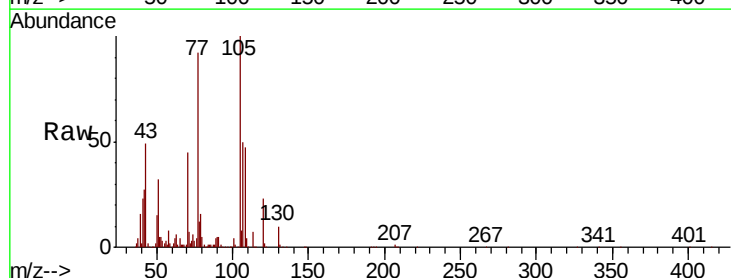
RT: 7.32 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		511101		
71	7.4		4.9	7.3#	
51	32.1		22.7	34.1	
120	22.9		18.5	27.7	



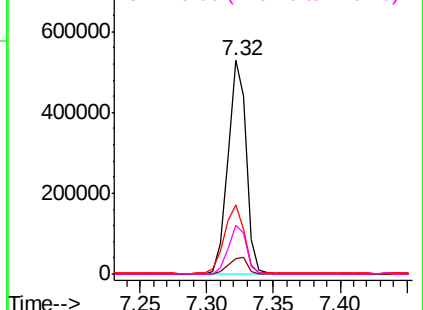
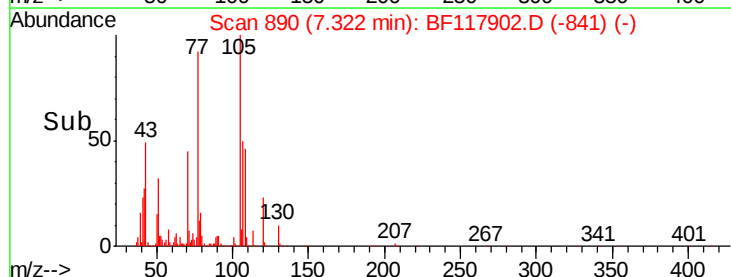
Abundance

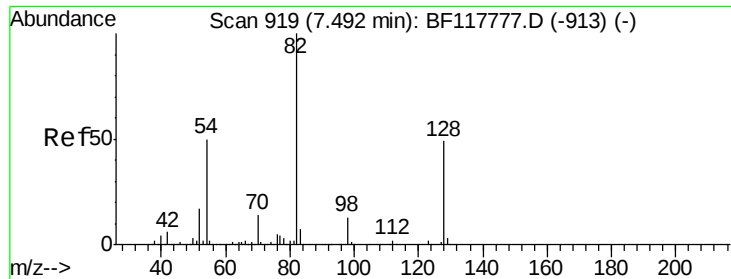
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





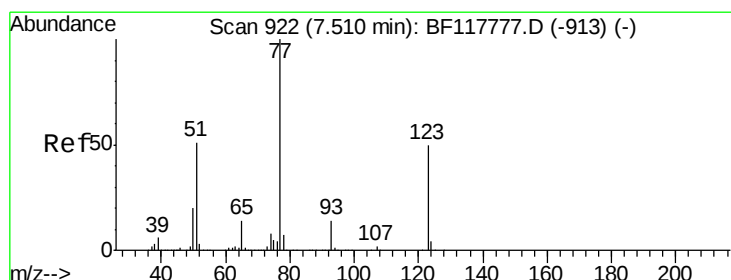
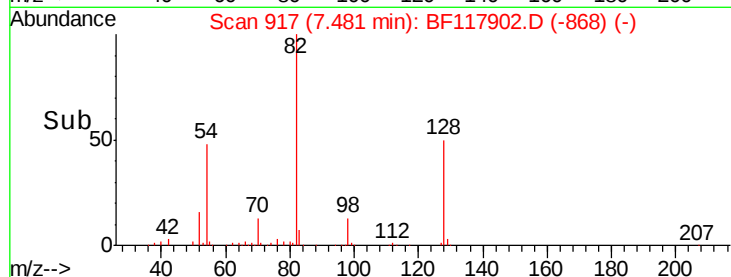
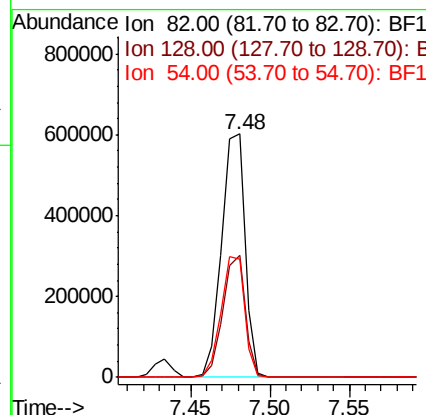
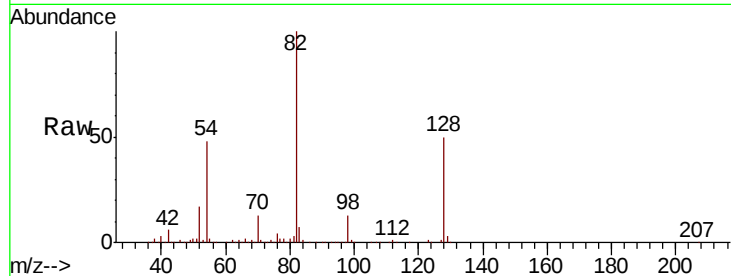
#23
Nitrobenzene-d5
Concen: 61.768 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Instrument :
BNA_F
ClientSampleId :
1-(2-4)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.0	38.9	58.3
54	48.4	39.8	59.6

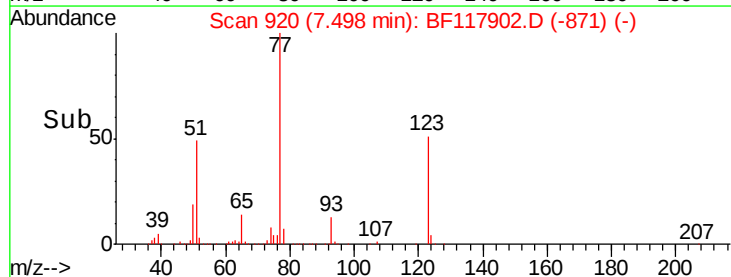
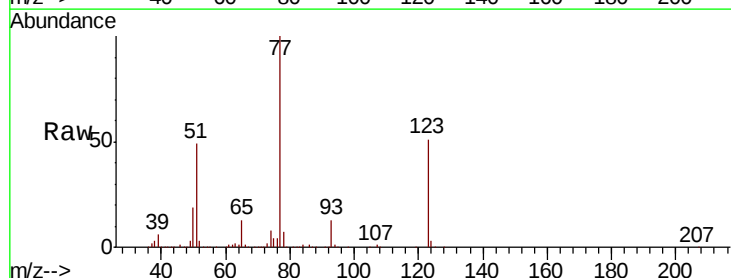
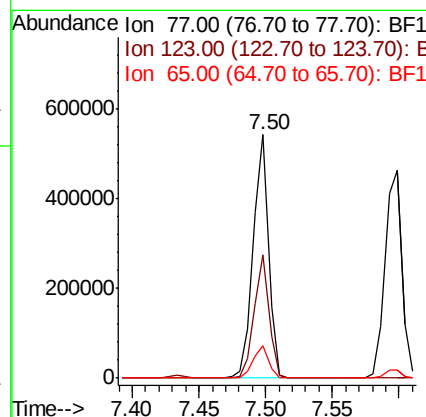
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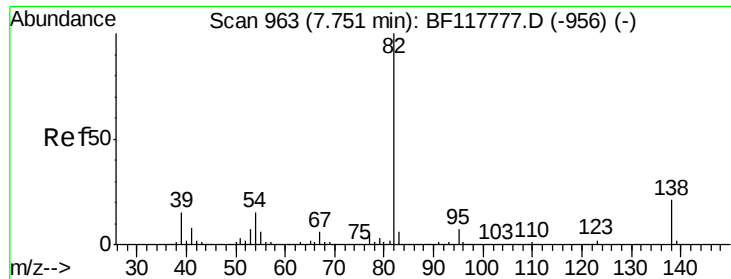
mohammad
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#24
Nitrobenzene
Concen: 41.014 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.5	40.3	60.5
65	13.4	10.9	16.3





#25

Isophorone

Concen: 40.969 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

Instrument :

BNA_F

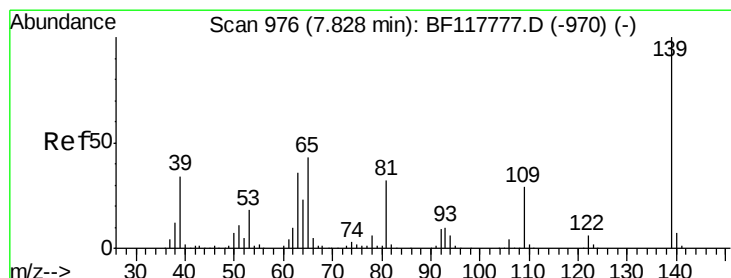
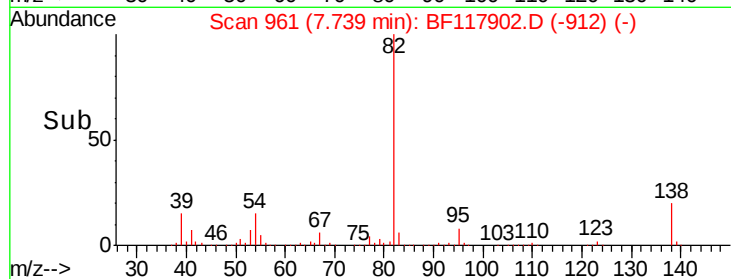
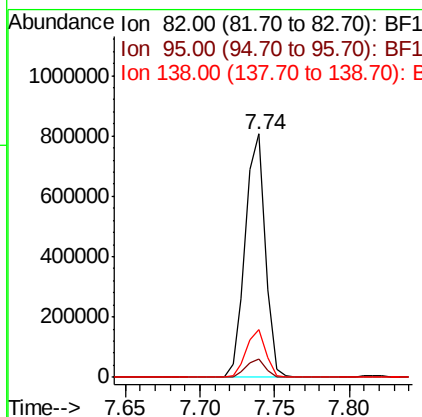
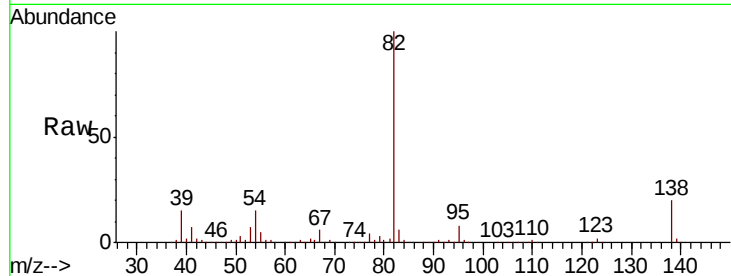
ClientSampleId :

1-(2-4)MS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.6	5.8	8.8
138	19.8	16.5	24.7

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#26

2-Nitrophenol

Concen: 44.570 ng

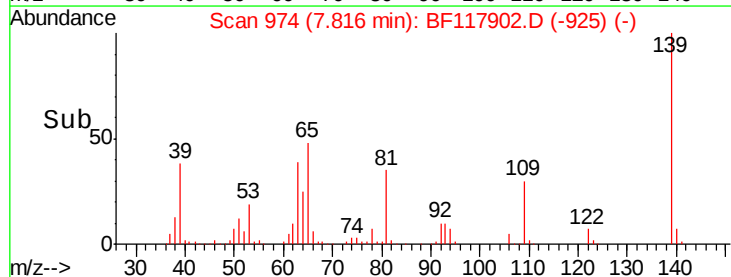
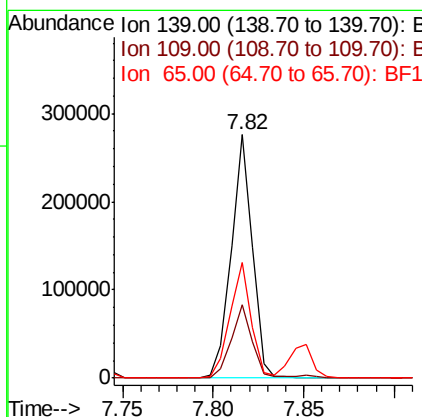
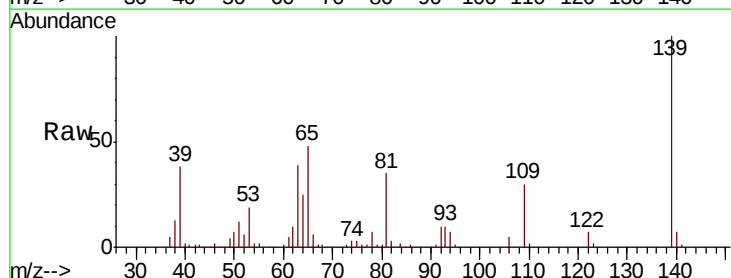
RT: 7.82 min Scan# 974

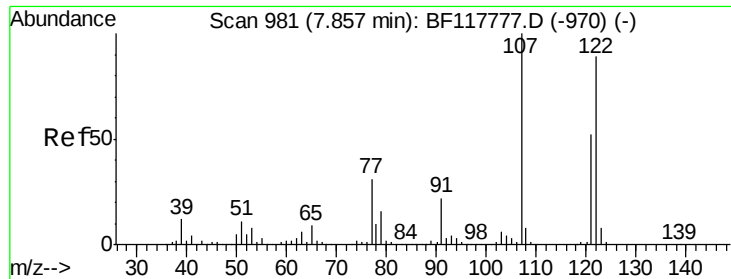
Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	30.3	23.0	34.4
65	47.7	34.7	52.1





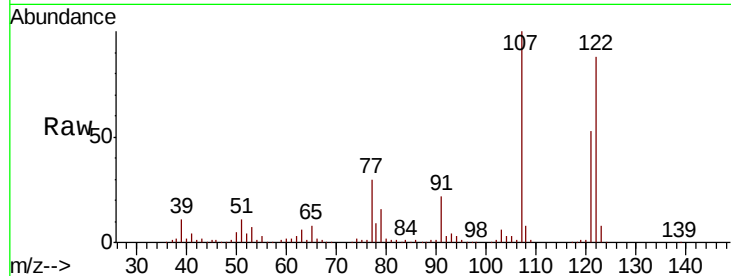
#27
 2,4-Dimethylphenol
 Concen: 45.284 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF117902.D
 Acq: 21 Nov 2019 10:46

Instrument :
 BNA_F
 ClientSampleId :
 1-(2-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	355146		
107	114.1	90.0	135.0	
121	60.1	46.7	70.1	

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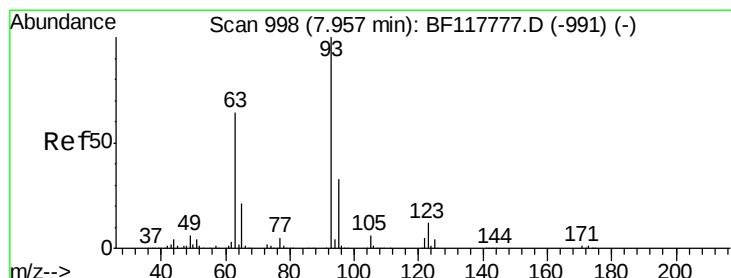
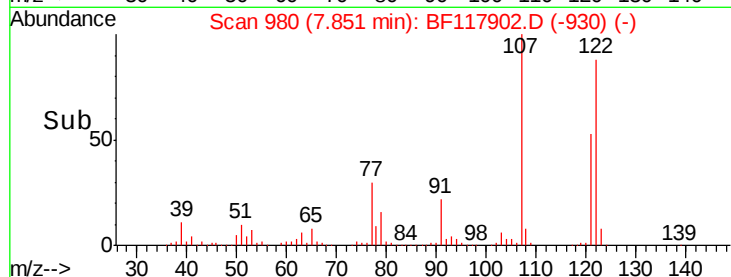
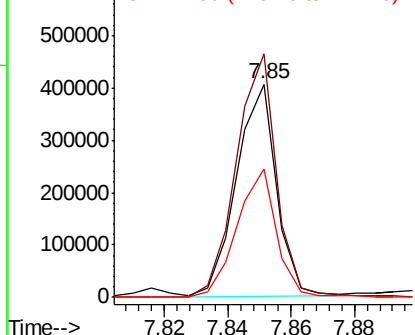


Abundance

Ion 122.00 (121.70 to 122.70): E

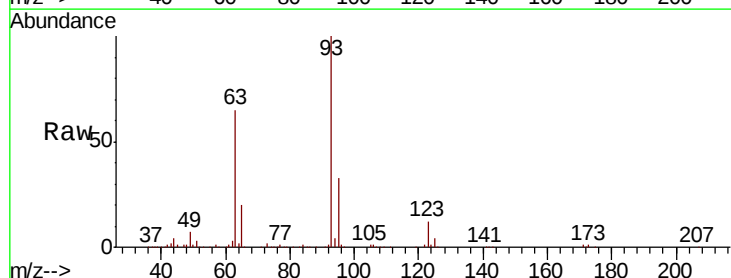
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.415 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BF117902.D
 Acq: 21 Nov 2019 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	472475		
95	32.9	26.6	40.0	
123	12.0	10.3	15.5	

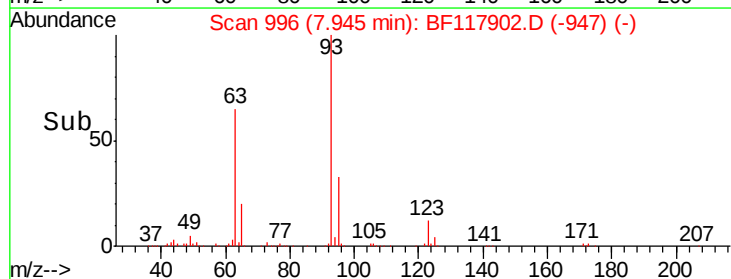
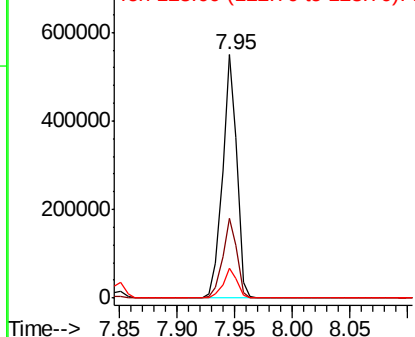


Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





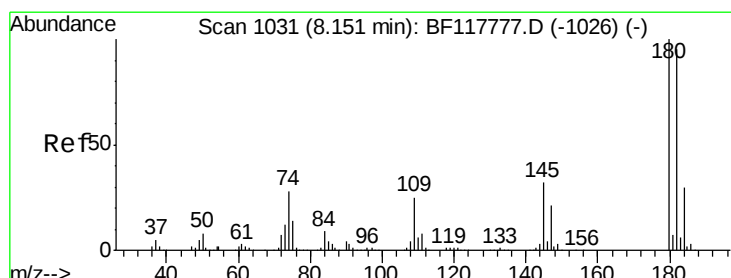
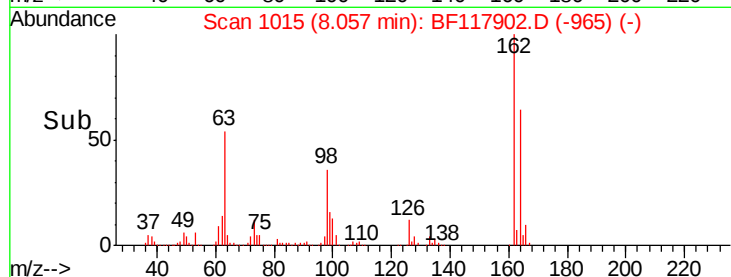
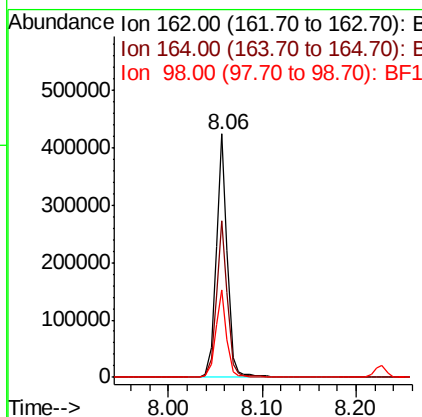
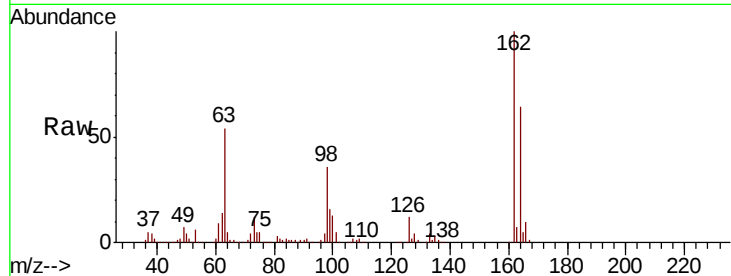
#29
2,4-Dichlorophenol
Concen: 41.606 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Instrument :
BNA_F
ClientSampled :
1-(2-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	353941		
164	64.4	45.1	85.1	
98	35.7	17.2	57.2	

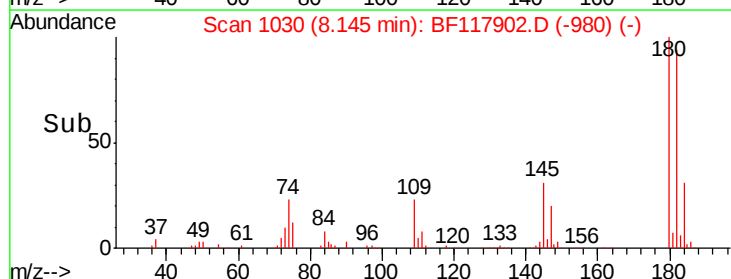
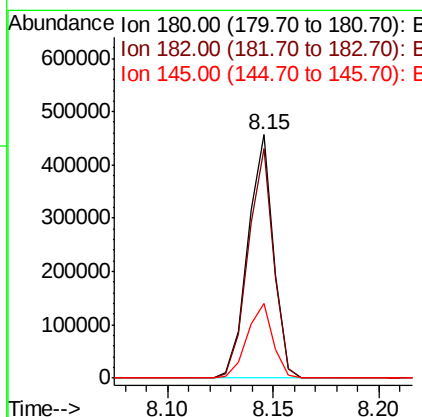
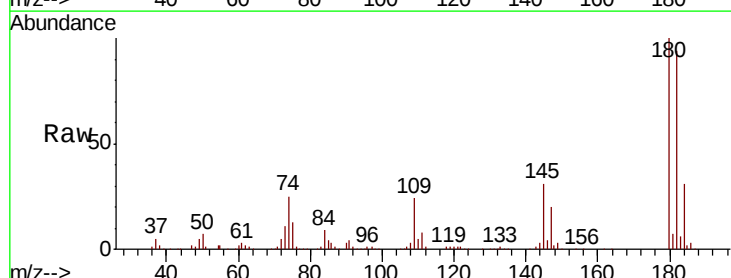
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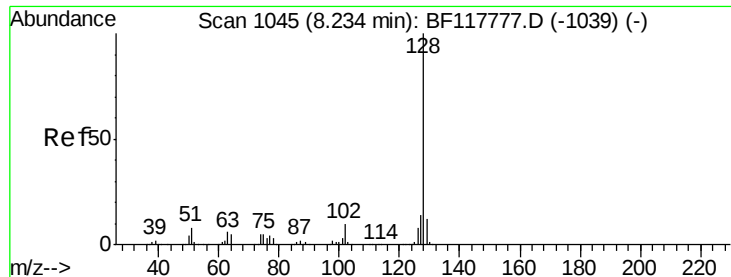
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#30
1,2,4-Trichlorobenzene
Concen: 38.823 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	383087		
182	94.1	75.8	113.6	
145	30.9	25.5	38.3	





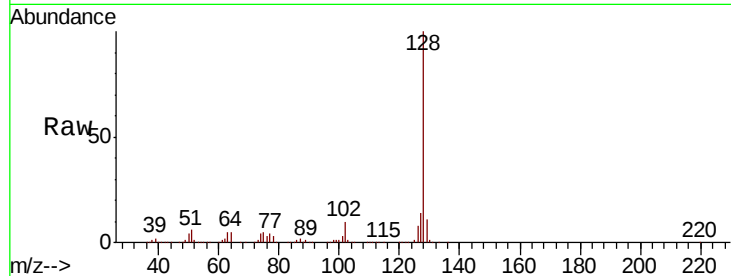
#31
Naphthalene
Concen: 42.702 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Instrument :
BNA_F
ClientSampleId :
1-(2-4)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.5	14.3
127	13.6	11.3	16.9

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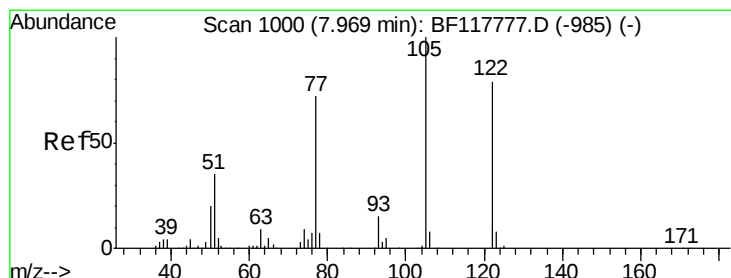
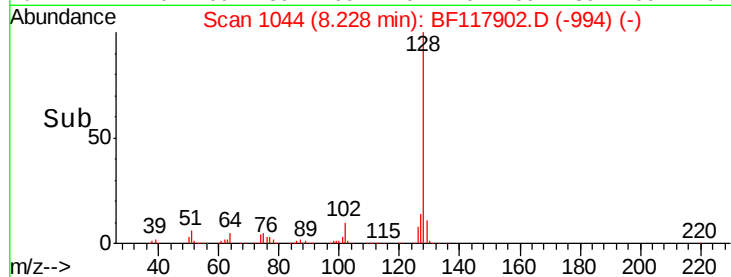
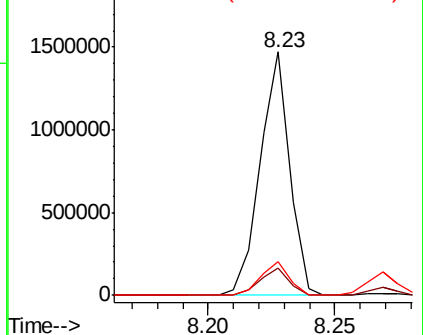


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 10.842 ng m
RT: 7.92 min Scan# 991
Delta R.T. -0.05 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

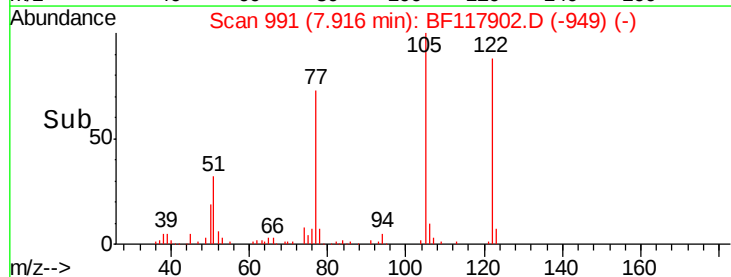
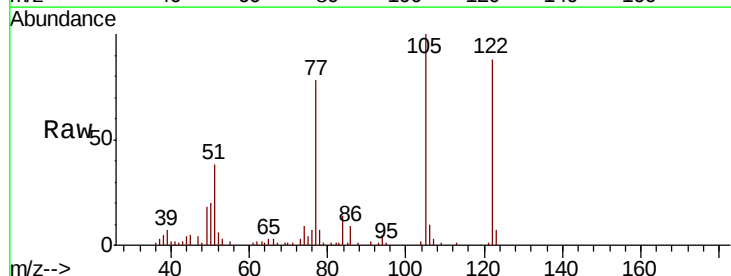
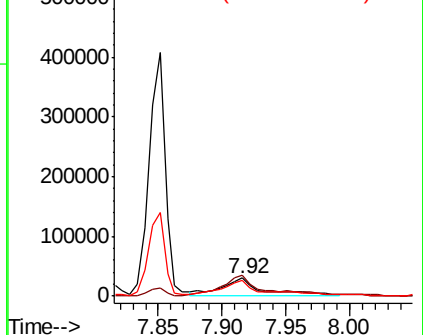
Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.2	102.7	142.7
77	88.5	70.5	110.5

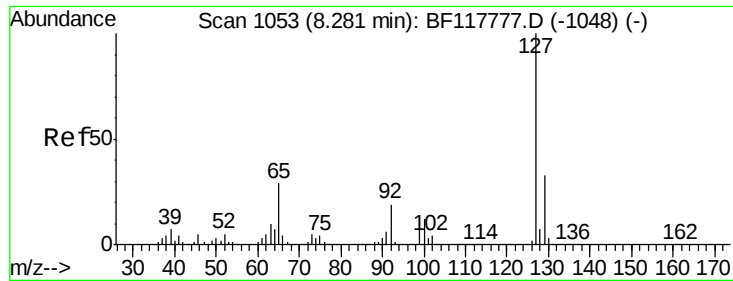
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





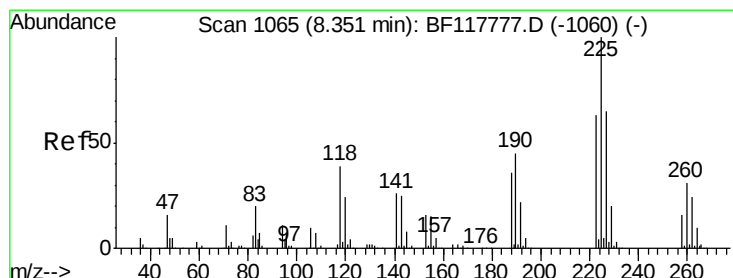
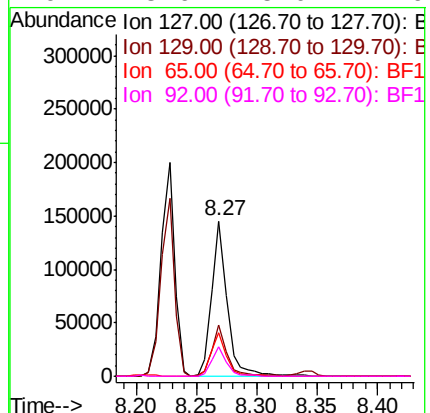
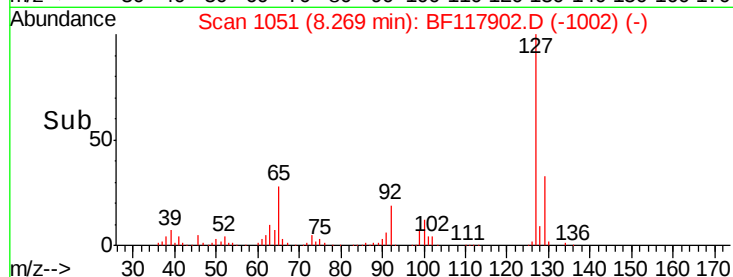
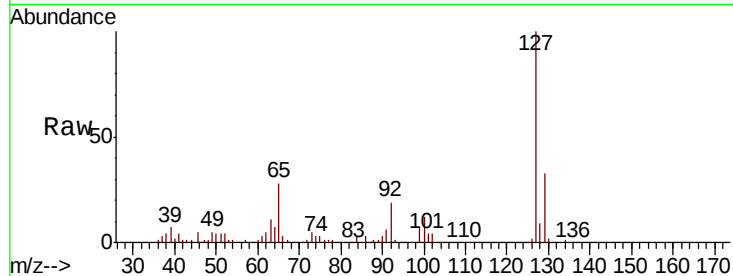
#33
4-Chloroaniline
Concen: 10.473 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Instrument :
BNA_F
ClientSampleId :
1-(2-4)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	26.5	39.7		
65	28.1	22.9	34.3		
92	18.6	15.0	22.6		

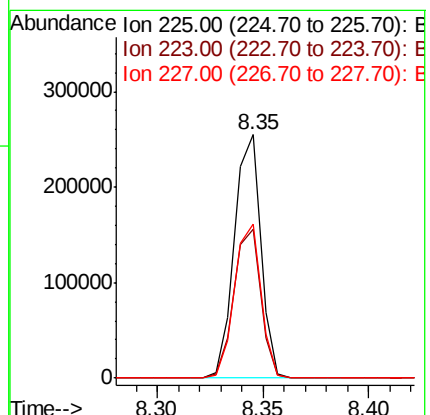
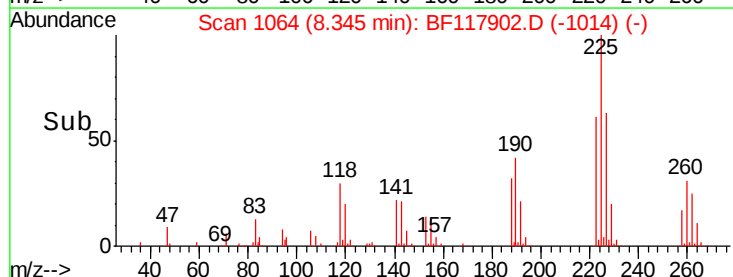
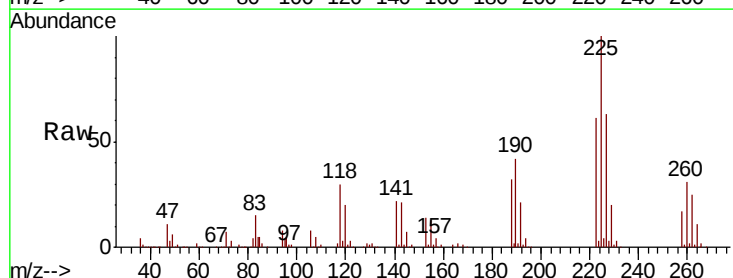
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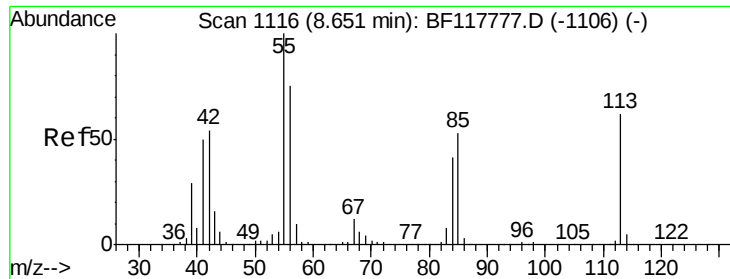
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#34
Hexachlorobutadiene
Concen: 38.054 ng
RT: 8.35 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.2	50.0	75.0		
227	63.0	51.8	77.6		





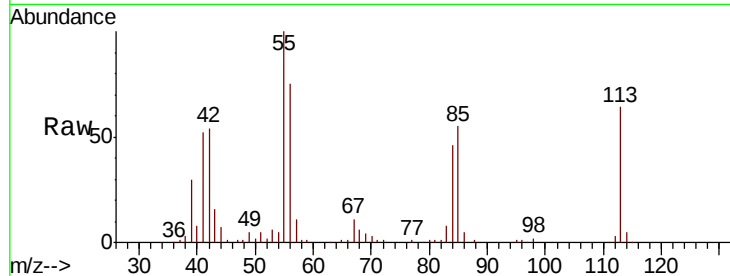
#35
Caprolactam
Concen: 40.765 ng/ml
RT: 8.63 min Scan# 1113
Delta R.T. -0.02 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Instrument :
BNA_F
ClientSampleId :
1-(2-4)MS

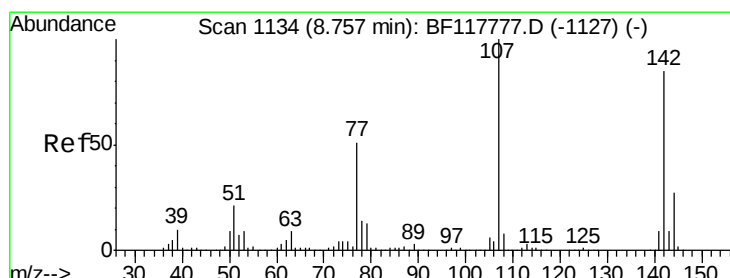
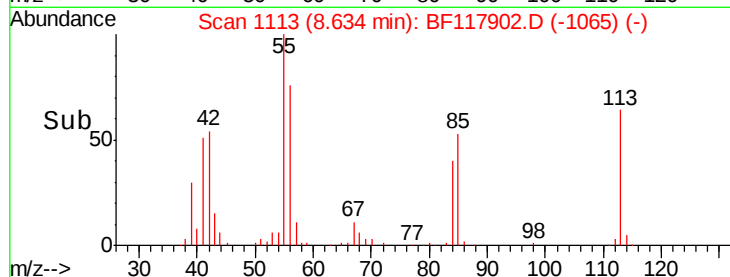
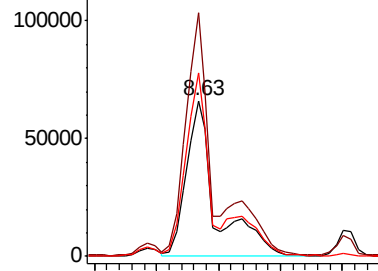
Tot Ion	Ratio	Lower	Upper
113	100		
55	156.4	141.1	181.1
56	117.5	100.5	140.5

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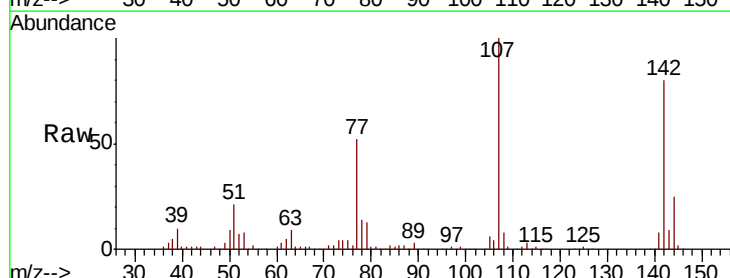


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

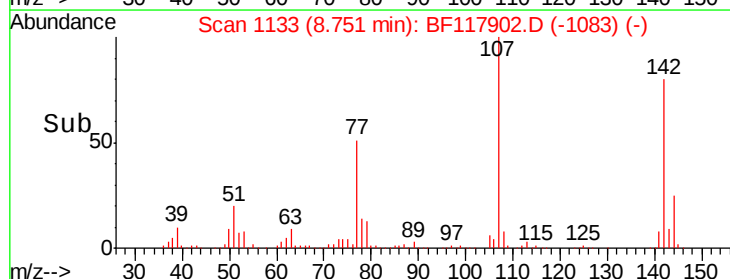
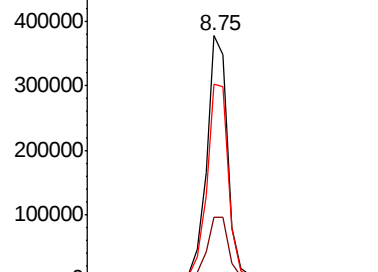


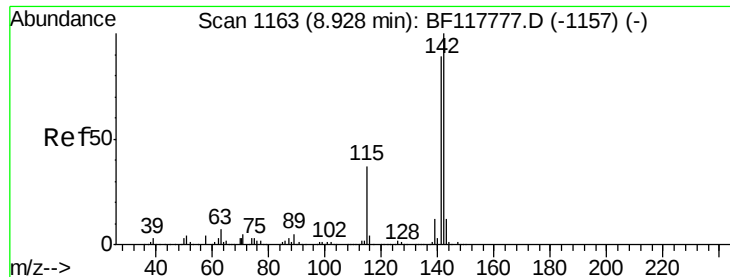
#36
4-Chloro-3-methylphenol
Concen: 43.173 ng/ml
RT: 8.75 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.5	21.9	32.9
142	79.9	67.7	101.5



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.395 ng

RT: 8.92 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

Instrument :

BNA_F

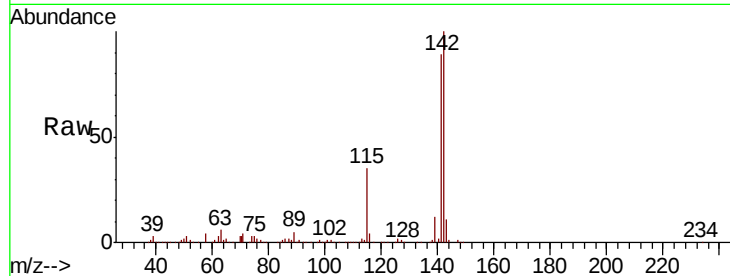
ClientSampleId :

1-(2-4)MS

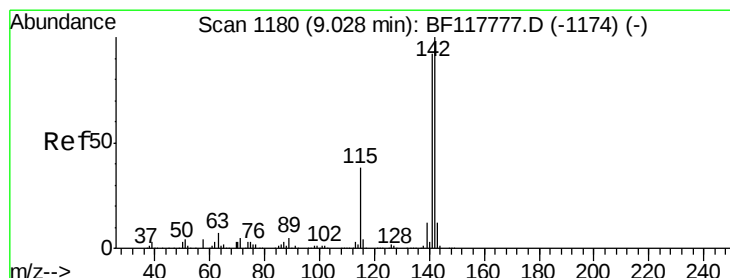
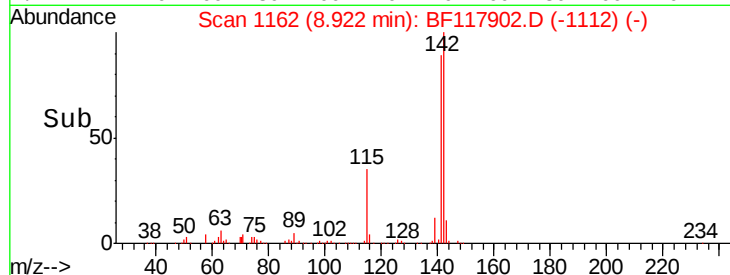
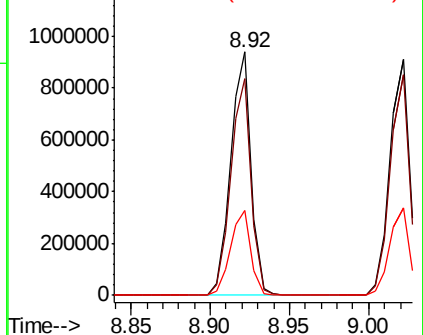
Tot Ion:	142	Resp:	835574
Ion Ratio	Lower	Upper	
142	100		
141	89.2	71.1	106.7
115	34.8	29.2	43.8

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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.752 ng

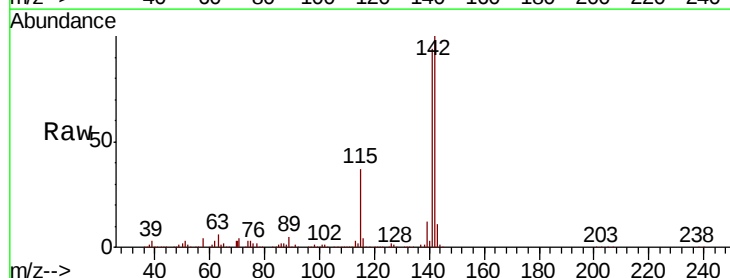
RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

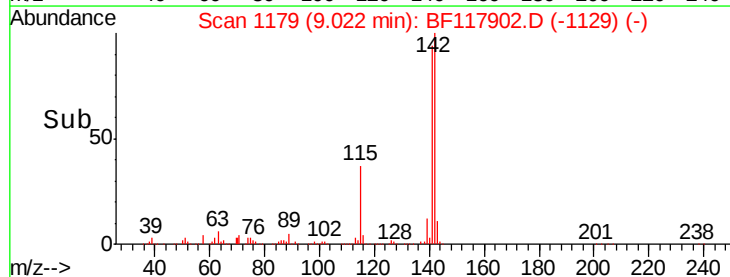
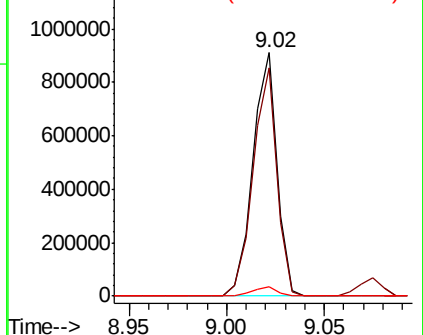
Lab File: BF117902.D

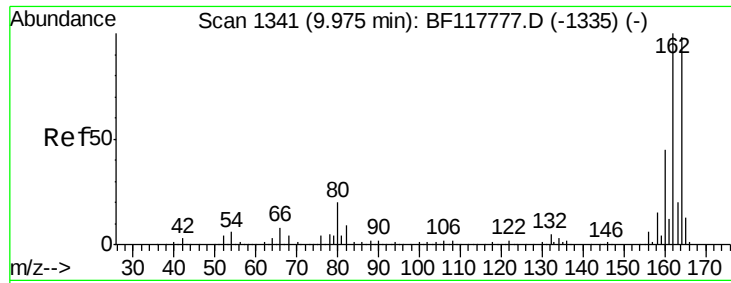
Acq: 21 Nov 2019 10:46

Tgt Ion:	142	Resp:	778512
Ion Ratio	Lower	Upper	
142	100		
141	93.7	73.5	110.3
116	3.8	3.2	4.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





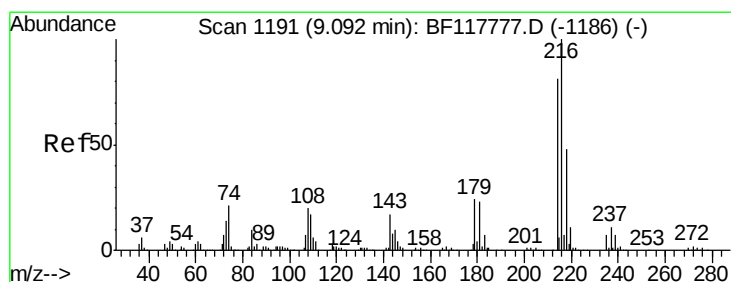
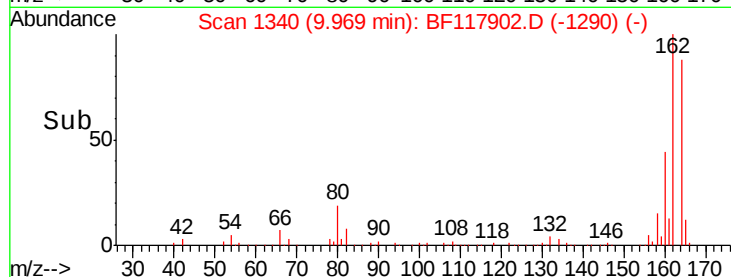
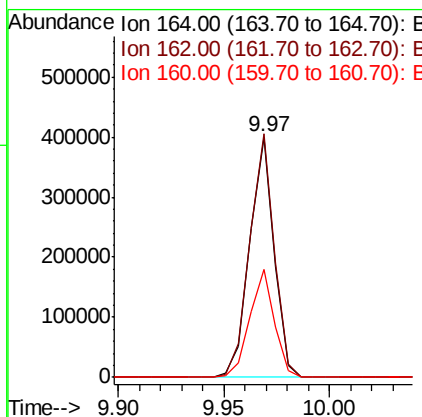
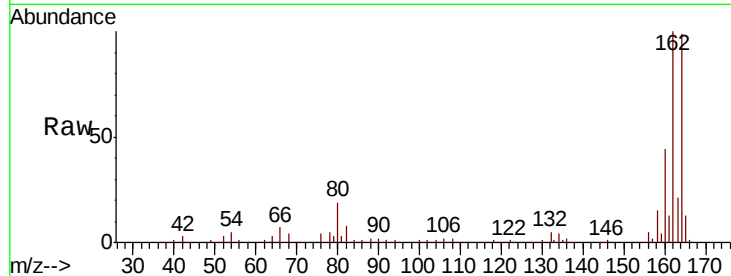
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Instrument :
BNA_F
ClientSampleId :
1-(2-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.5	81.3	121.9	
160	45.0	36.6	55.0	

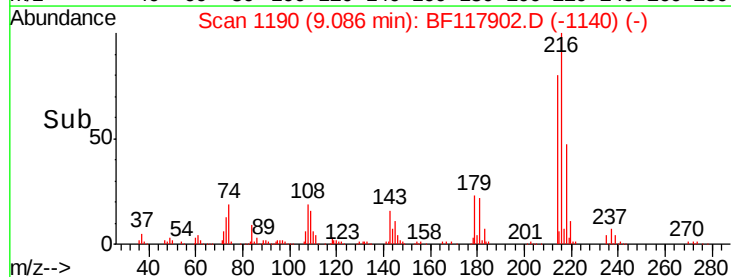
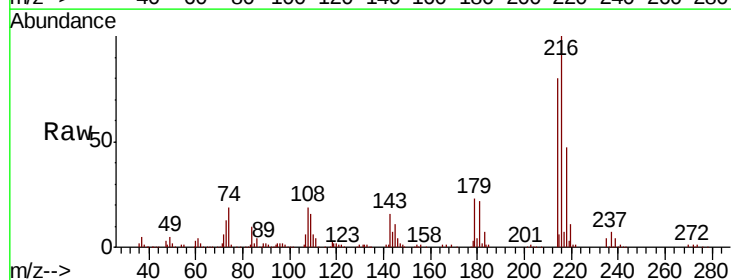
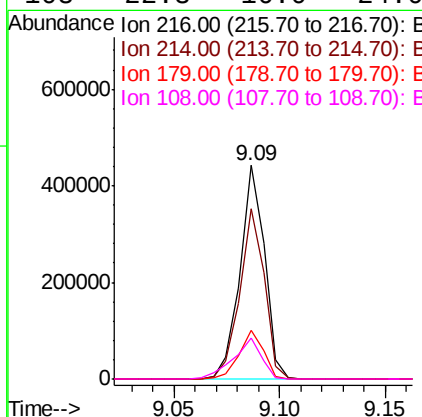
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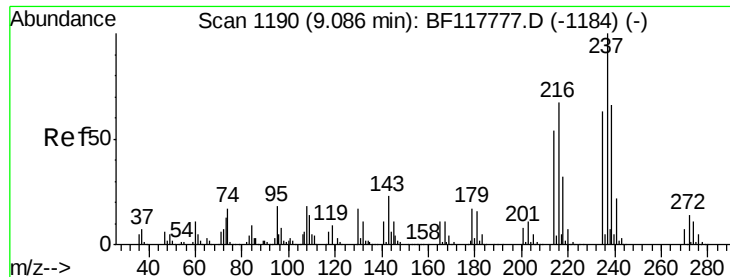
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.101 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.6	63.4	95.0	
179	22.8	18.2	27.4	
108	22.3	16.0	24.0	





#41

Hexachlorocyclopentadiene

Concen: 85.816 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

Instrument :

BNA_F

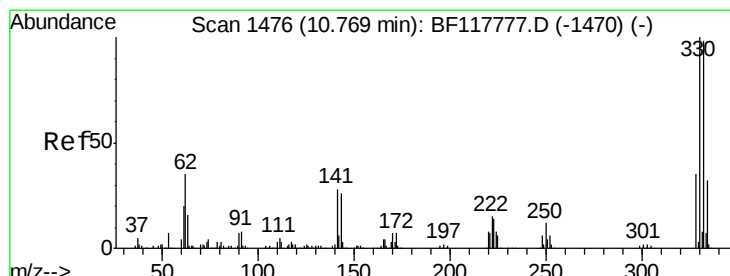
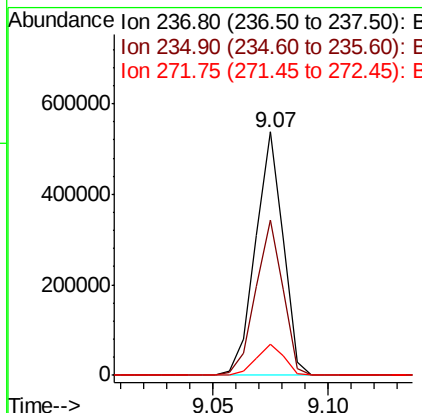
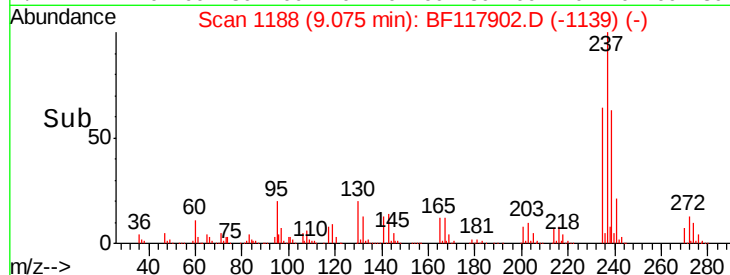
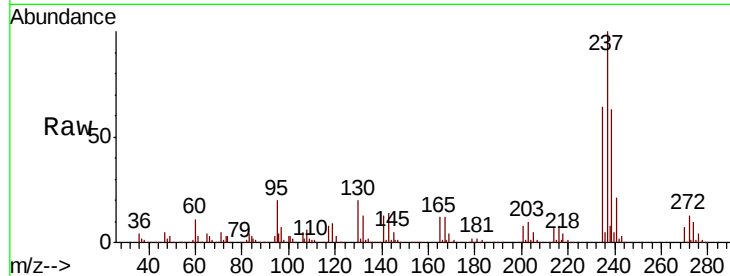
ClientSampleId :

1-(2-4)MS

Tot Ion:	237	Resp:	448185
Ion Ratio	Lower	Upper	
237	100		
235	63.8	42.6	82.6
272	12.8	0.0	34.3

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#42

2,4,6-Tribromophenol

Concen: 83.689 ng

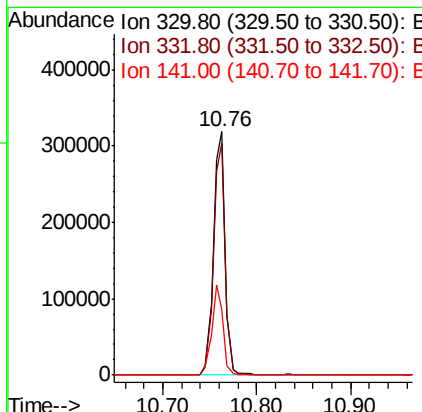
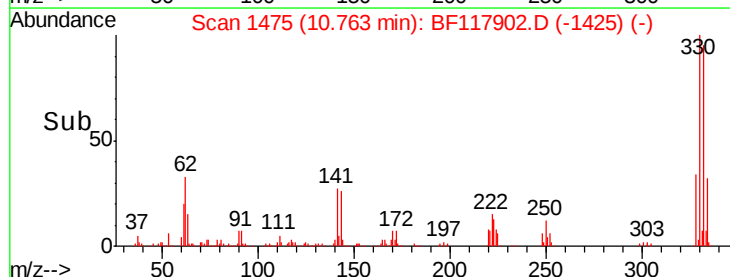
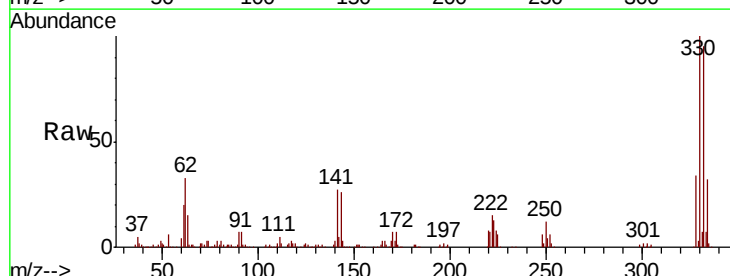
RT: 10.76 min Scan# 1475

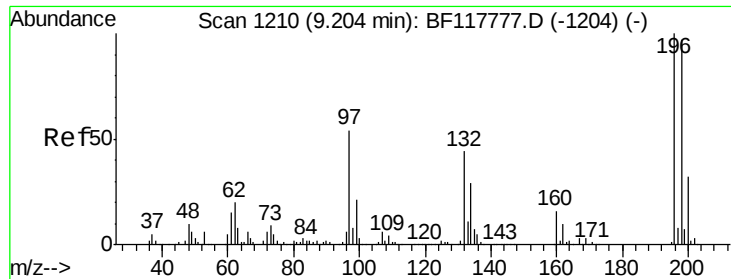
Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

Tgt Ion:	330	Resp:	284323
Ion Ratio	Lower	Upper	
330	100		
332	94.7	76.7	115.1
141	35.7	27.7	41.5





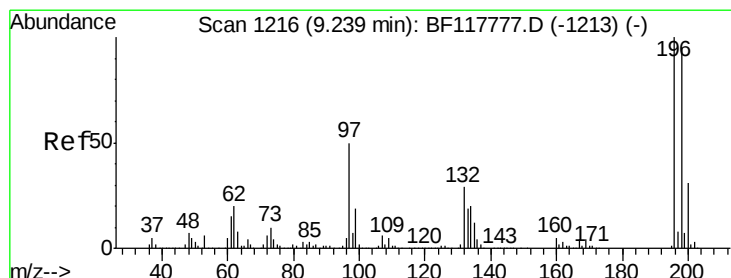
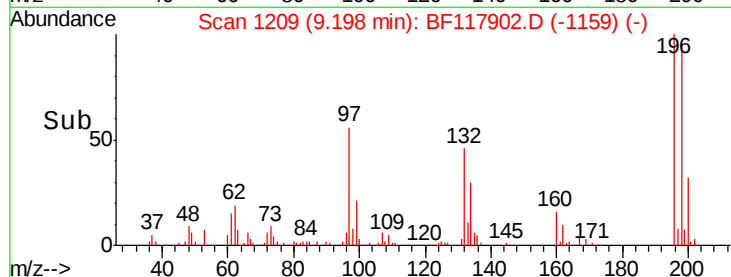
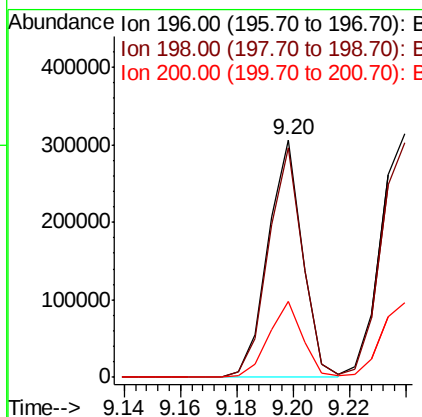
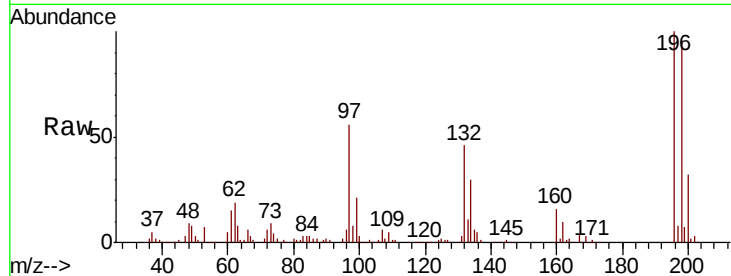
#43
 2,4,6-Trichlorophenol
 Concen: 38.719 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF117902.D
 Acq: 21 Nov 2019 10:46

Instrument :
 BNA_F
 ClientSampleId :
 1-(2-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	258453		
198	96.5	77.8	116.6	
200	31.8	25.4	38.0	

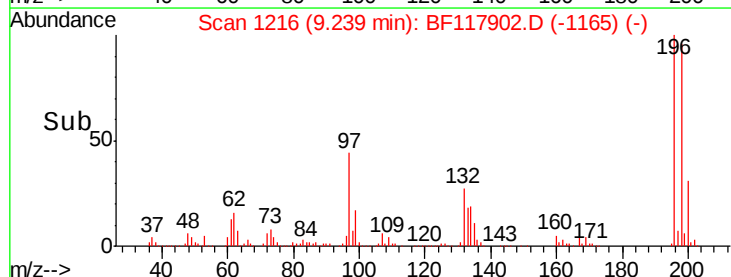
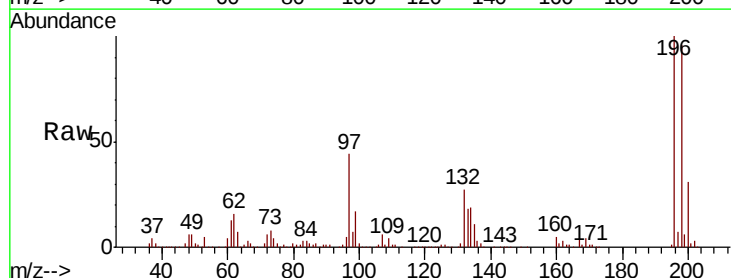
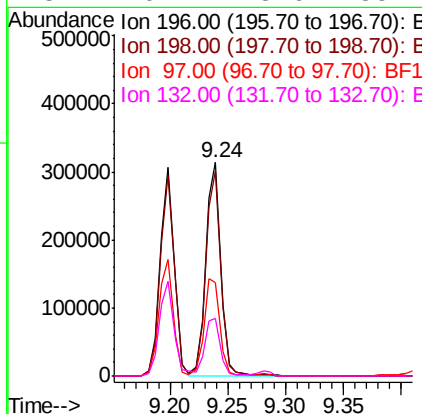
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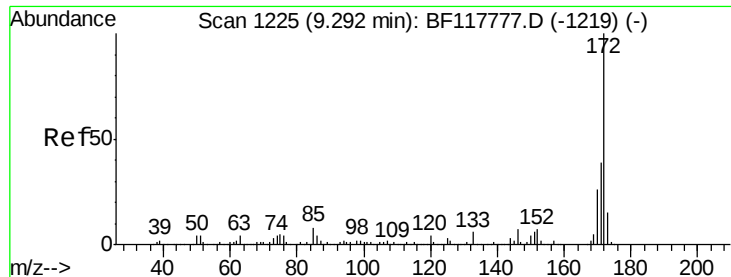
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#44
 2,4,5-Trichlorophenol
 Concen: 41.246 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF117902.D
 Acq: 21 Nov 2019 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	285860		
198	96.1	76.3	114.5	
97	43.8	40.0	60.0	
132	26.7	23.6	35.4	





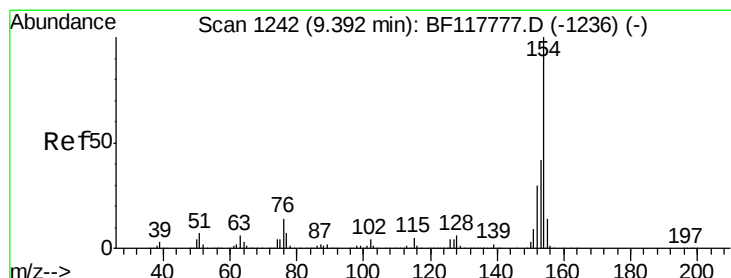
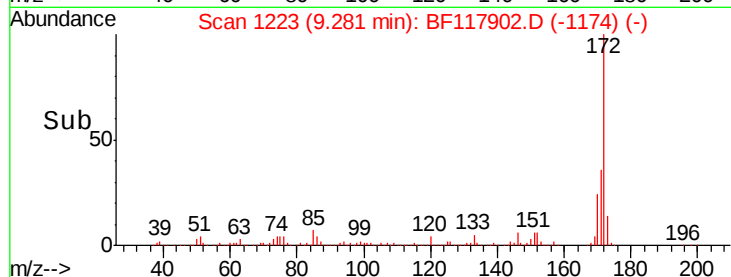
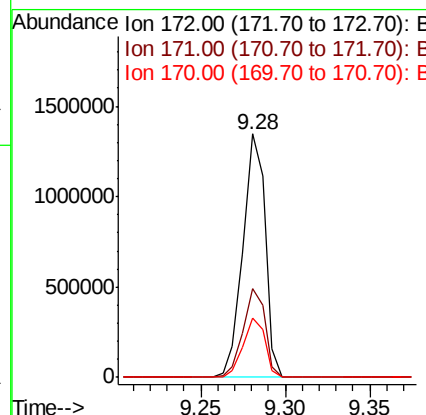
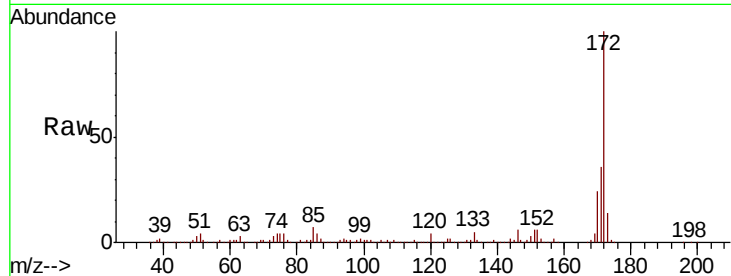
#45
2-Fluorobiphenyl
Concen: 69.099 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Instrument :
BNA_F
ClientSampleId :
1-(2-4)MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.9	46.3
170	24.3	21.0	31.4

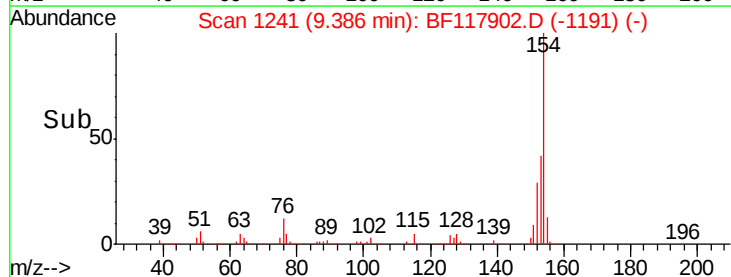
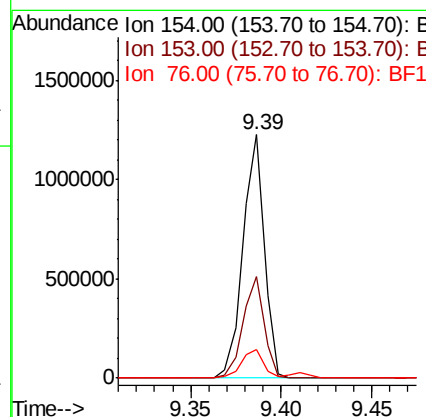
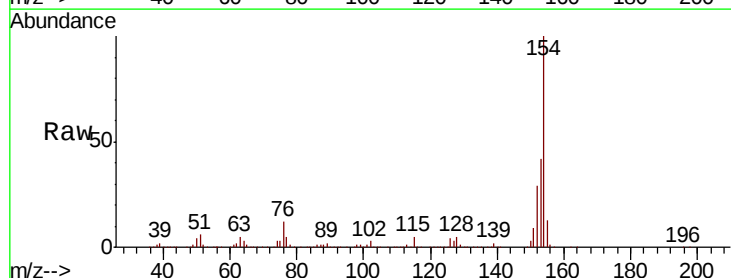
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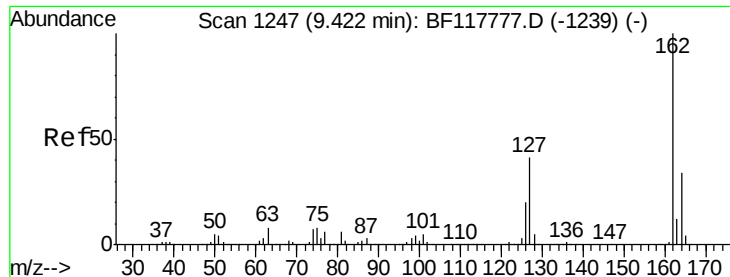
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#46
1,1'-Biphenyl
Concen: 42.175 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	21.9	61.9
76	11.7	0.0	33.6





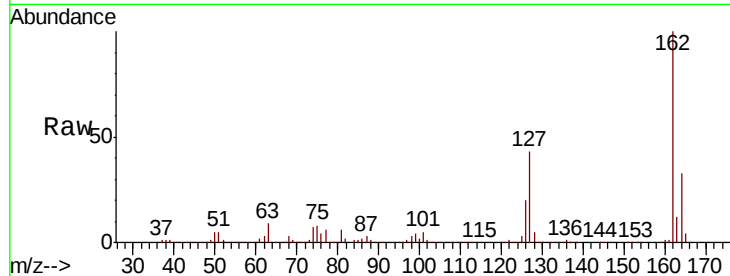
#47
2-Chloronaphthalene
Concen: 39.467 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Instrument :
BNA_F
ClientSampleId :
1-(2-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	772987		
127	42.6	33.2	49.8	
164	33.2	27.3	40.9	

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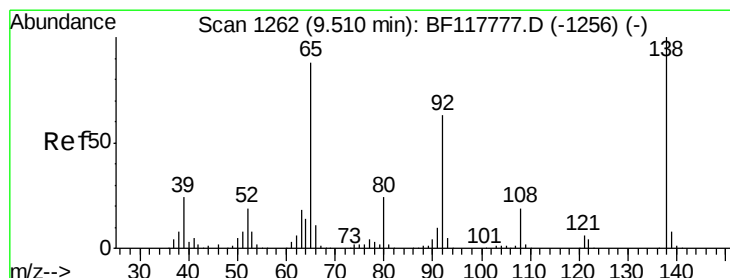
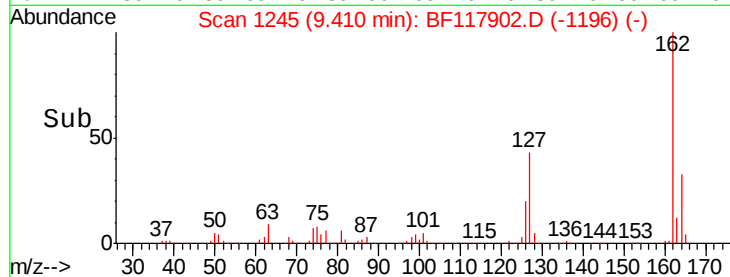
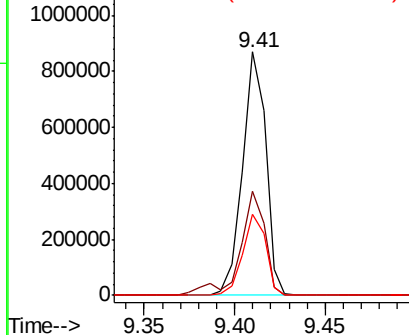


Abundance

Ion 162.00 (161.70 to 162.70): E

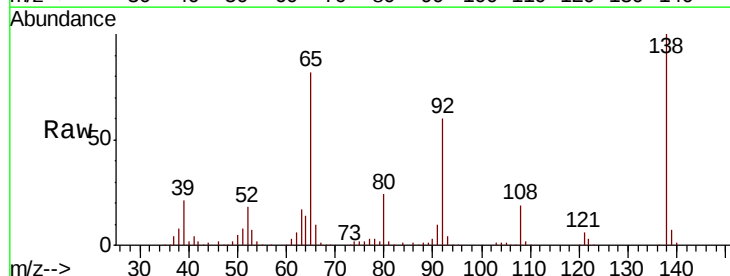
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 39.185 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	231703		
92	72.9	56.6	84.8	
138	121.9	90.5	135.7	

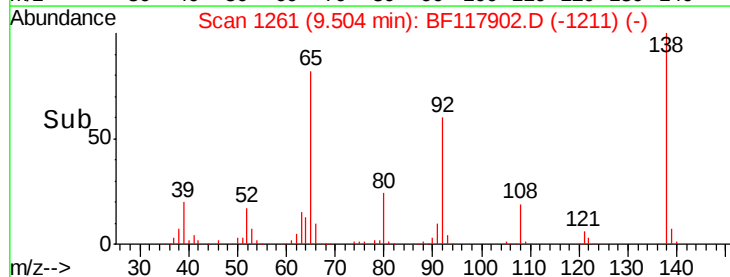
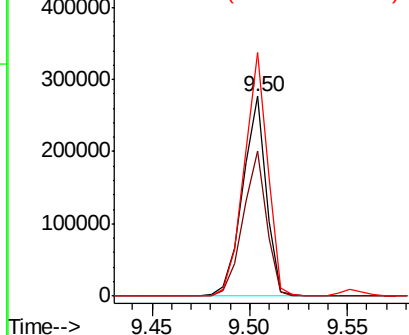


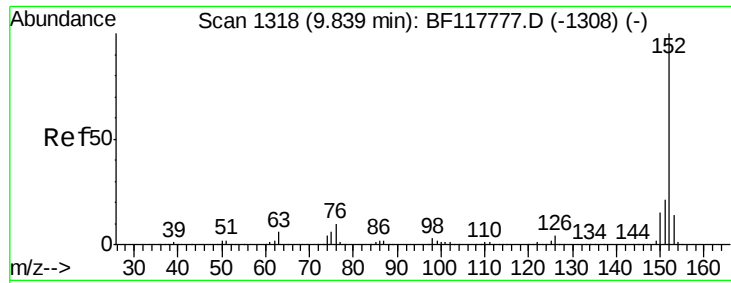
Abundance

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: 43.191 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

Instrument :

BNA_F

ClientSampleId :

1-(2-4)MS

Tot Ion:152 Resp: 1233331

Ion Ratio Lower Upper

152 100

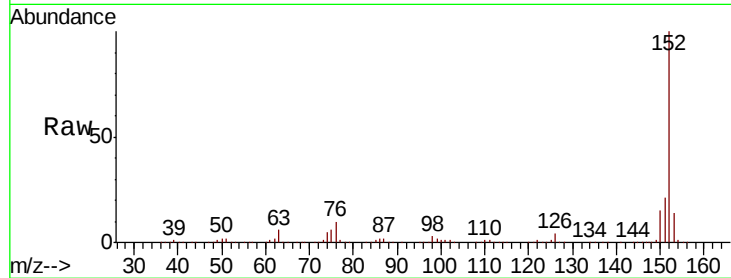
151 20.8 17.0 25.6

153 13.7 11.0 16.6

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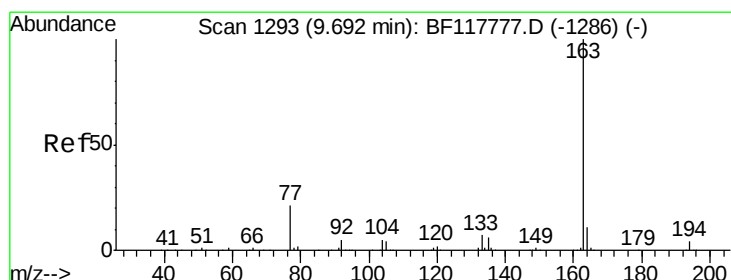
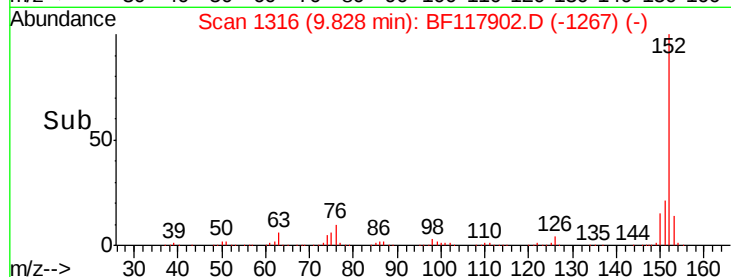
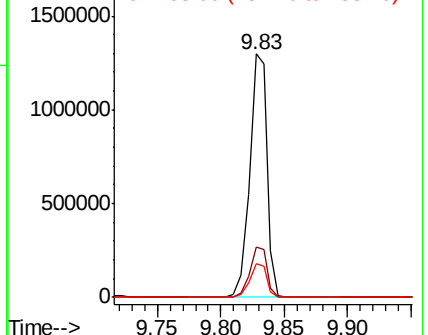


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.591 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

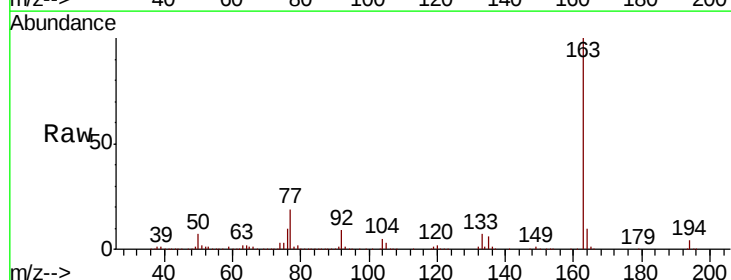
Tgt Ion:163 Resp: 1025953

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 9.9 8.7 13.1

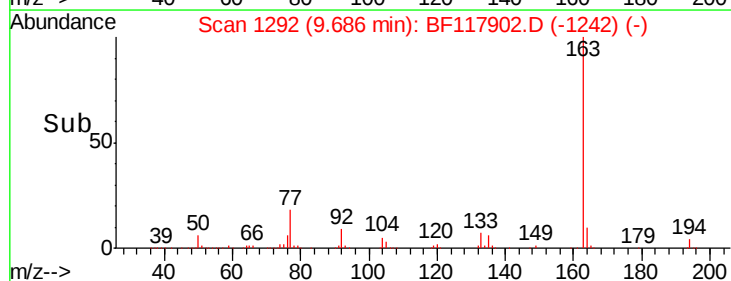
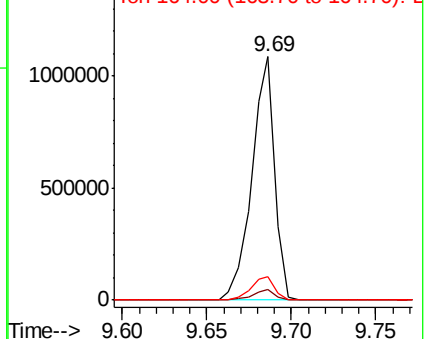


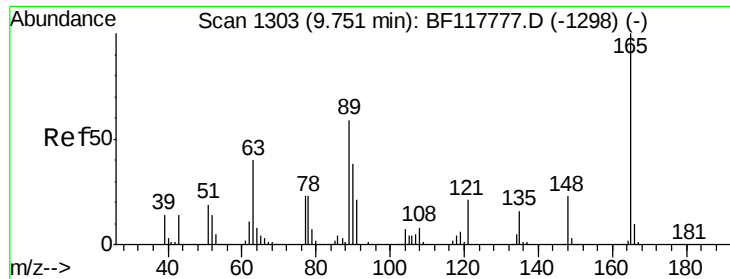
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.210 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

Instrument :

BNA_F

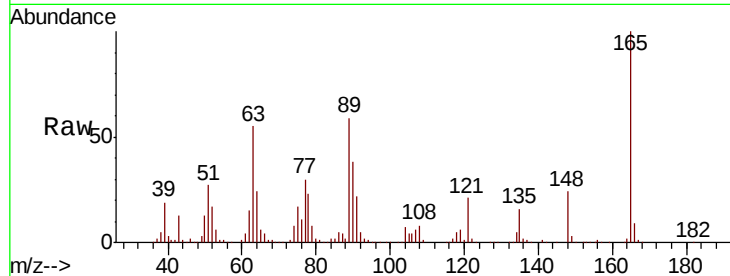
ClientSampleId :

1-(2-4)MS

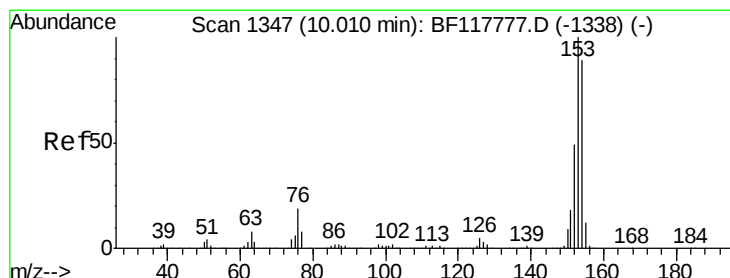
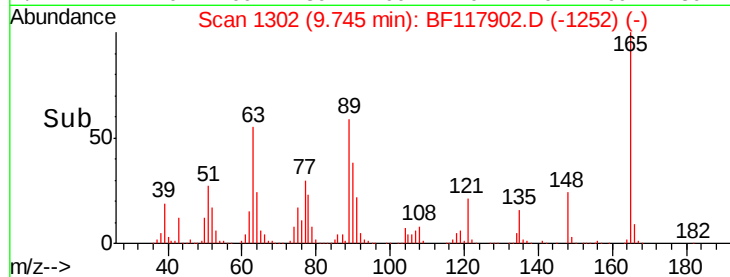
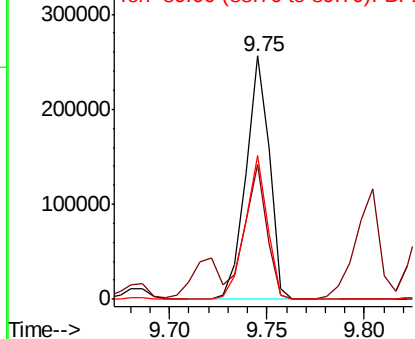
Tot Ion:	165	Resp:	212513
Ion Ratio	Lower	Upper	
165	100		
63	55.4	46.0	69.0
89	59.0	47.7	71.5

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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



#52

Acenaphthene

Concen: 42.255 ng

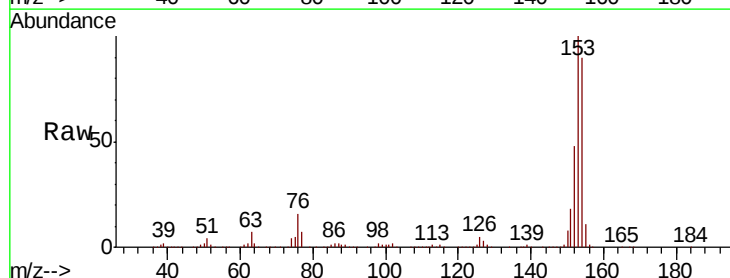
RT: 10.00 min Scan# 1346

Delta R.T. -0.01 min

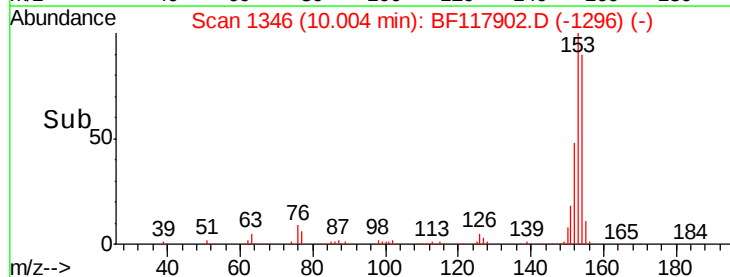
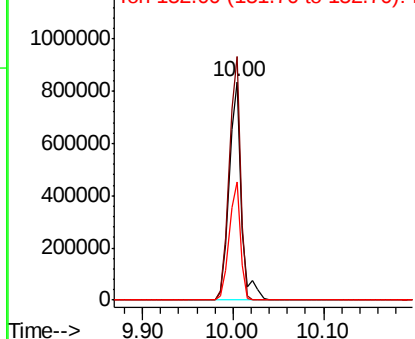
Lab File: BF117902.D

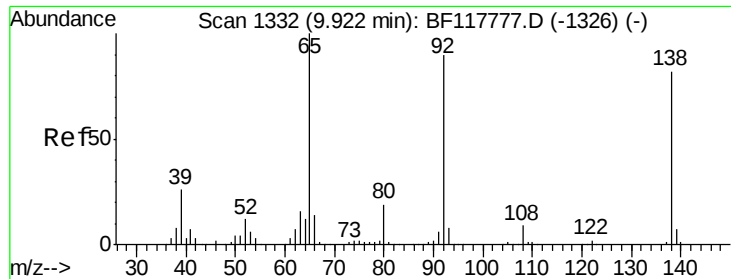
Acq: 21 Nov 2019 10:46

Tgt Ion:	154	Resp:	772939
Ion Ratio	Lower	Upper	
154	100		
153	111.6	90.1	135.1
152	54.0	44.0	66.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





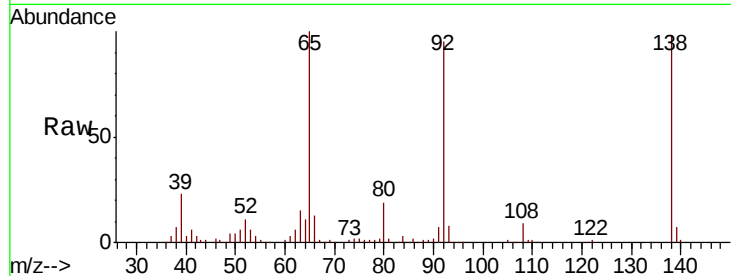
#53
3-Nitroaniline
Concen: 20.116 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Instrument :
BNA_F
ClientSampleId :
1-(2-4)MS

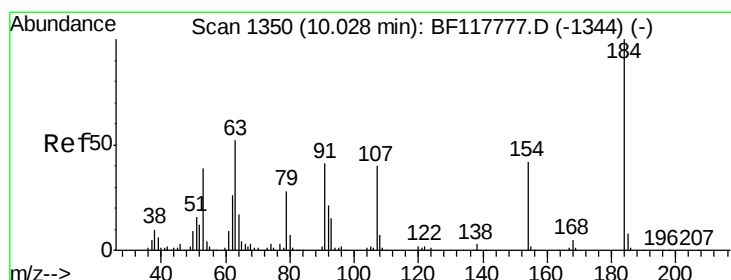
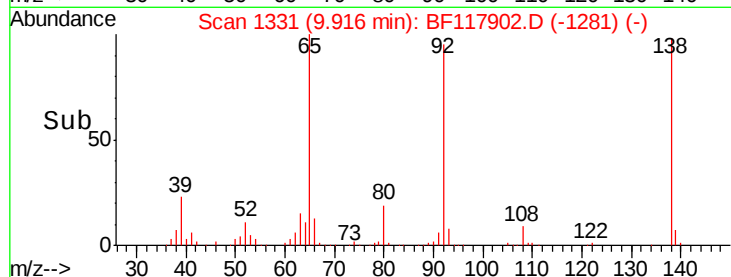
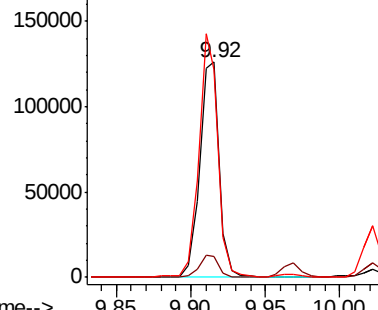
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	8.6	12.8
92	96.7	87.9	131.9

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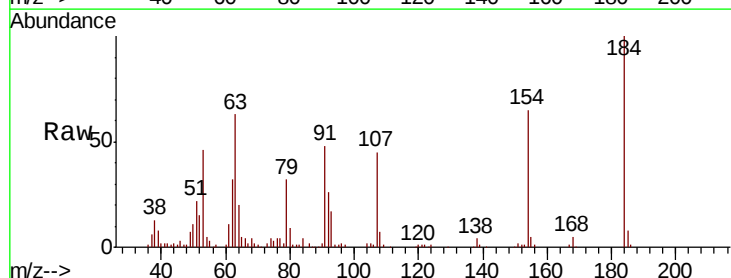


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

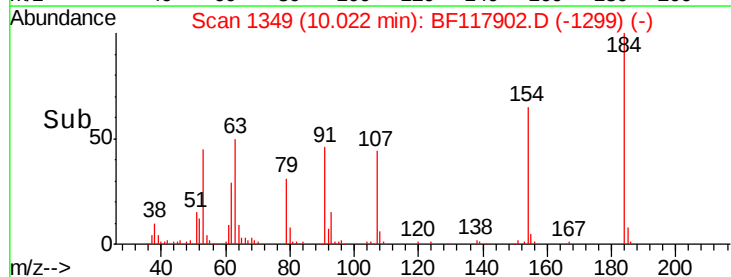
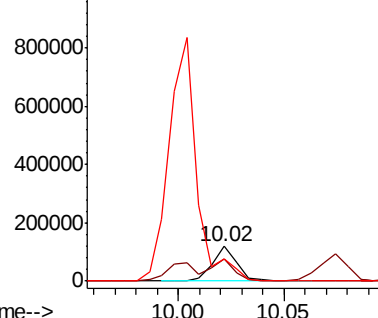


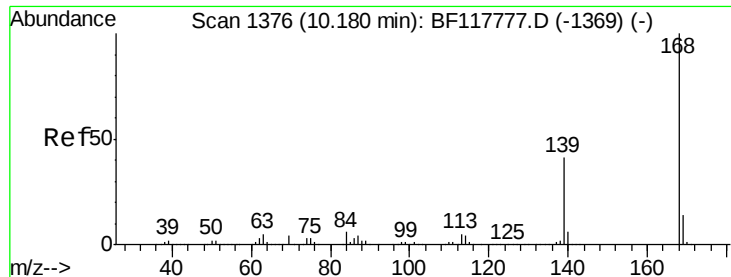
#54
2,4-Dinitrophenol
Concen: 41.240 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.5	43.0	64.6
154	64.6	48.0	72.0



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





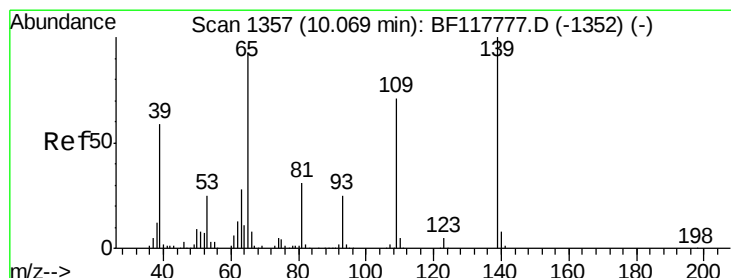
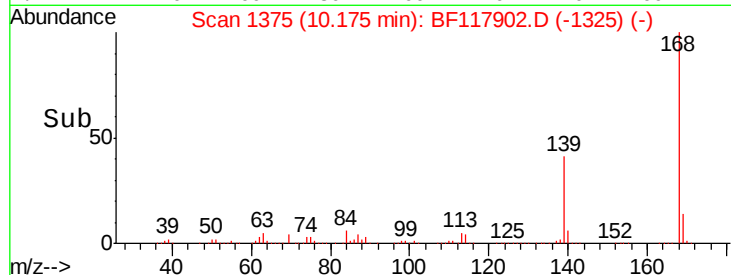
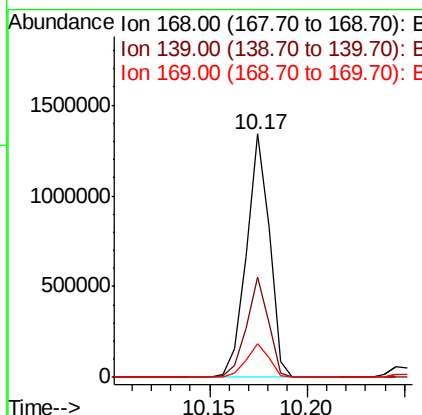
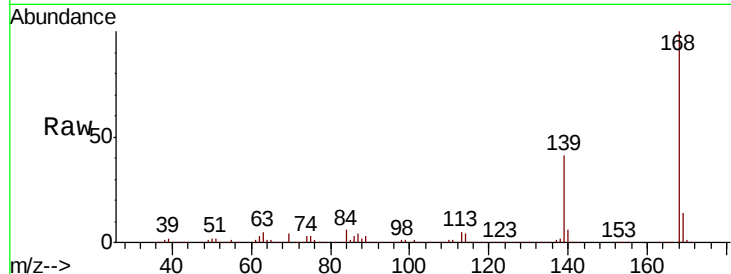
#55
Dibenzenofuran
Concen: 43.225 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Instrument :
BNA_F
ClientSampleId :
1-(2-4)MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.0	33.0	49.6
169	13.7	11.5	17.3

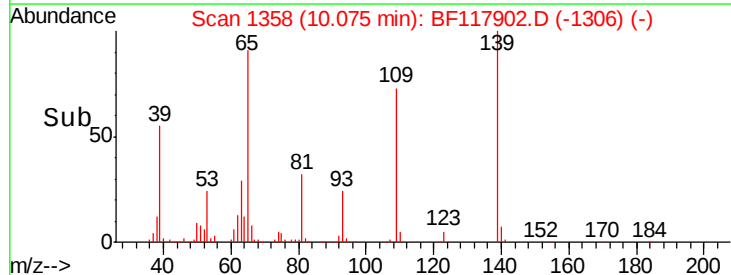
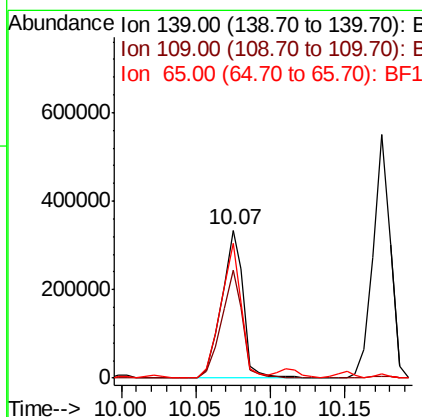
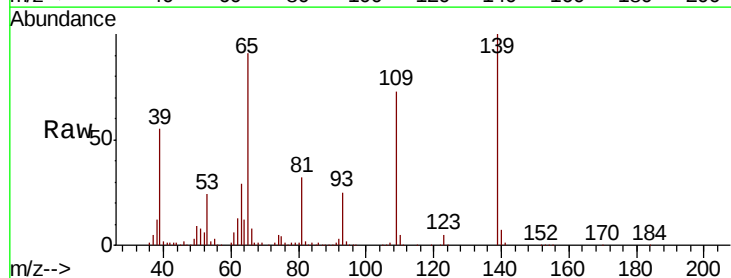
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#56
4-Nitrophenol
Concen: 77.941 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.4	50.8	90.8
65	91.3	73.6	113.6





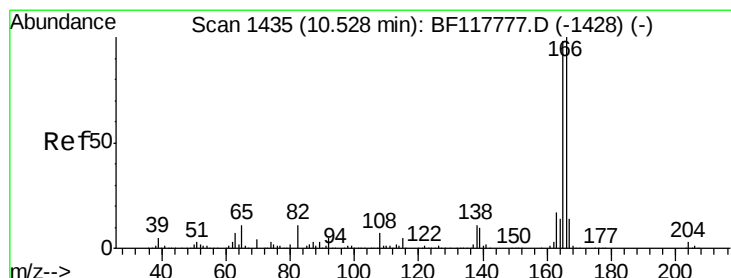
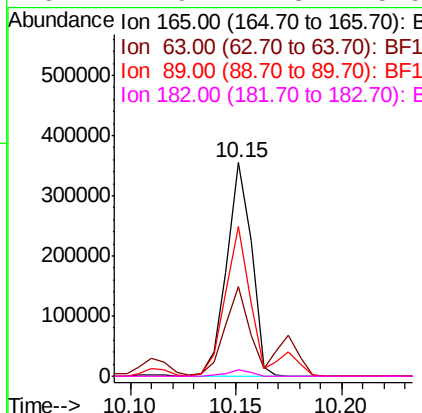
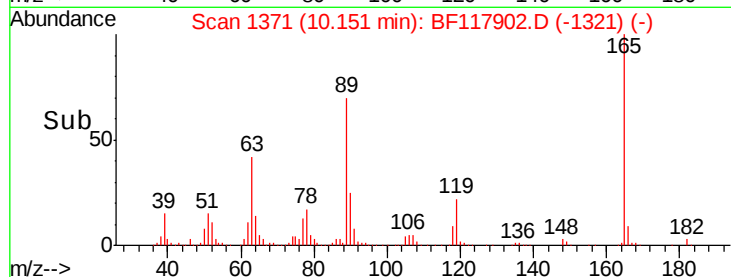
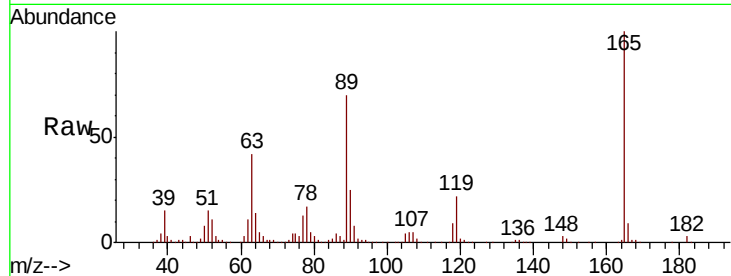
#57
2,4-Dinitrotoluene
Concen: 46.027 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Instrument :
BNA_F
ClientSampled :
1-(2-4)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		287952		
63	41.8	33.7	50.5		
89	70.3	57.3	85.9		
182	2.9	2.3	3.5		

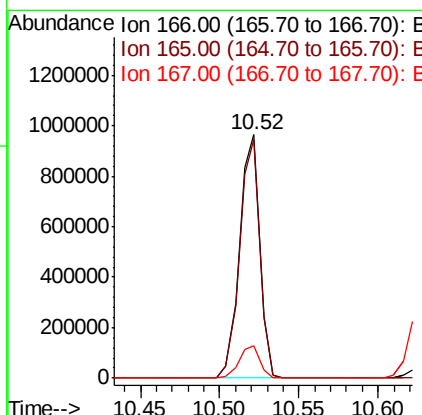
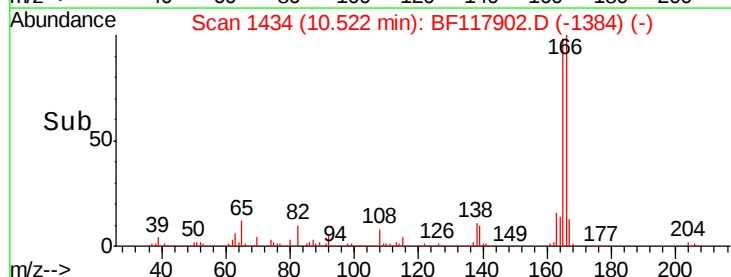
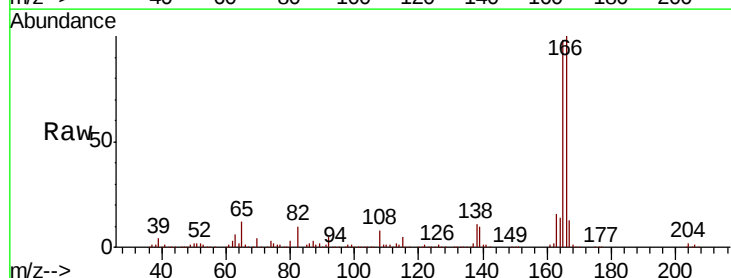
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#58
Fluorene
Concen: 43.400 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		851914		
165	97.8	78.4	117.6		
167	13.3	11.0	16.4		





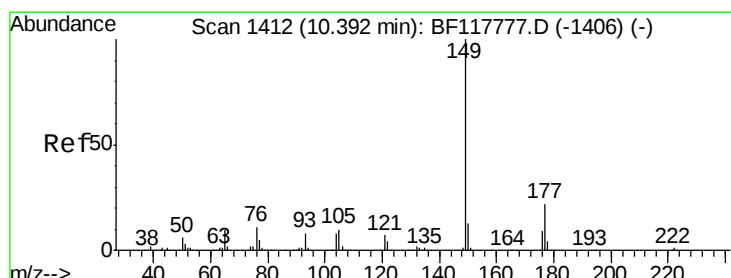
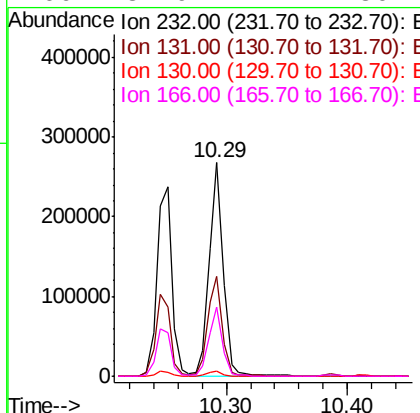
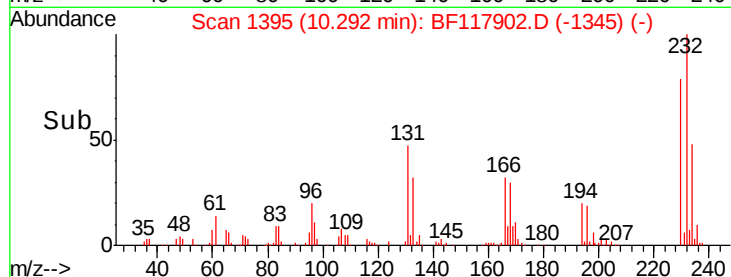
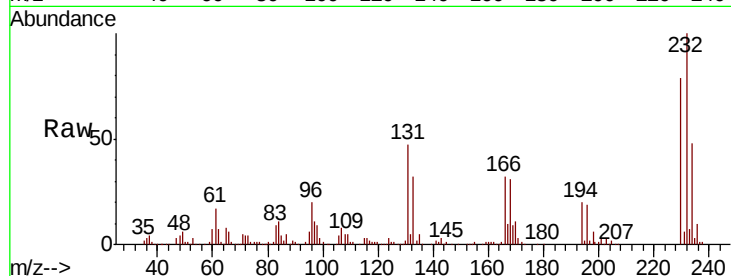
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.726 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Instrument :
BNA_F
ClientSampleId :
1-(2-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	214835		
131	48.2		37.6	56.4
130	2.5		1.9	2.9
166	31.9		24.2	36.4

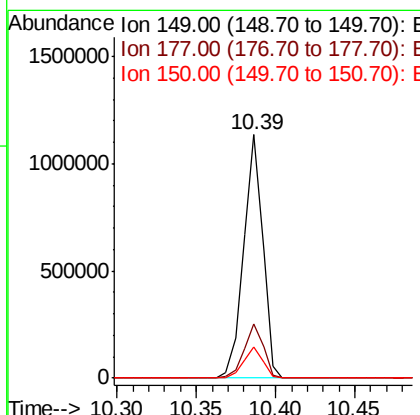
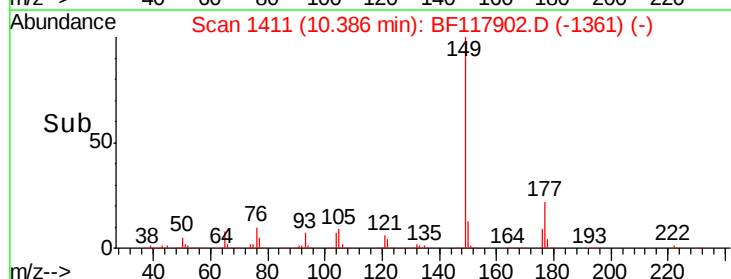
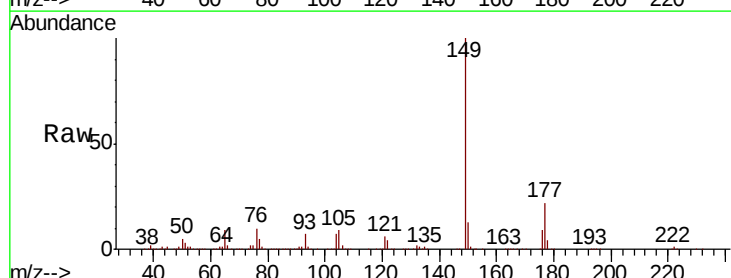
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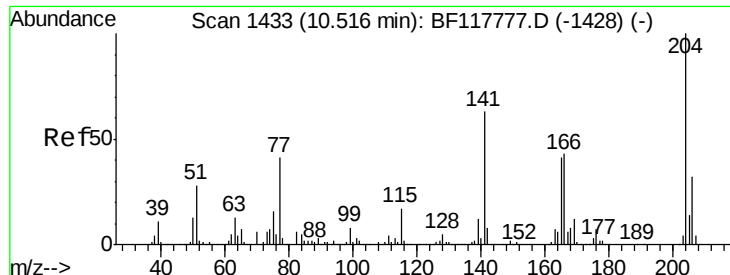
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#60
Diethylphthalate
Concen: 43.098 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	945526		
177	22.4		18.0	27.0
150	12.8		10.5	15.7





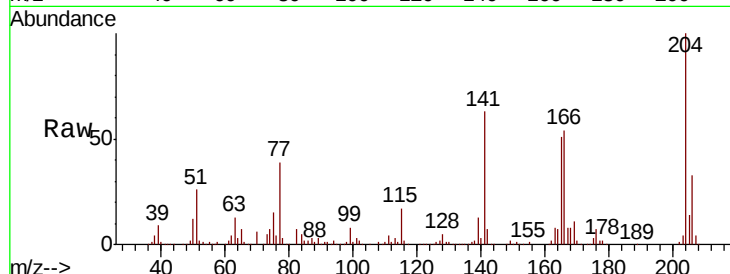
#61
4-Chlorophenyl-phenylether
Concen: 43.150 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Instrument :
BNA_F
ClientSampleId :
1-(2-4)MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	25.6	38.4
141	62.7	50.7	76.1

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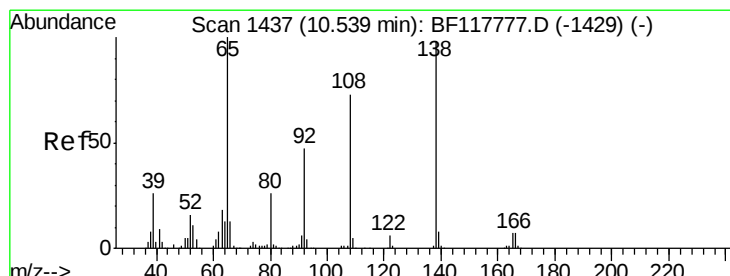
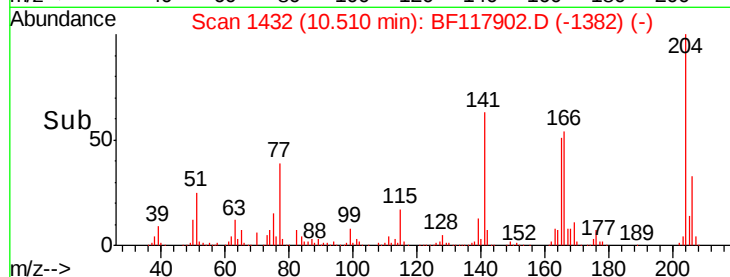
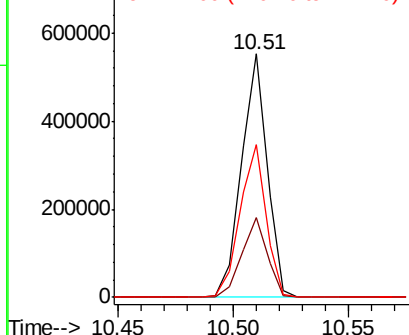


Abundance

Ion 204.00 (203.70 to 204.70): E

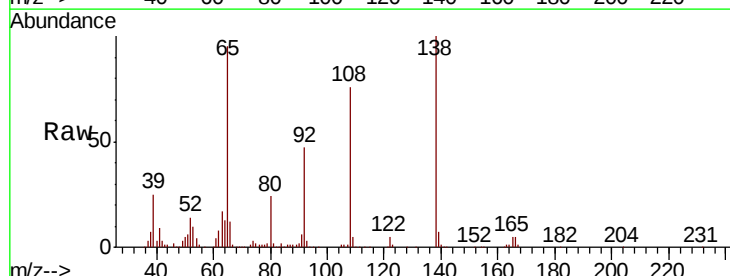
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 39.277 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.4	28.3	68.3
108	75.7	54.3	94.3

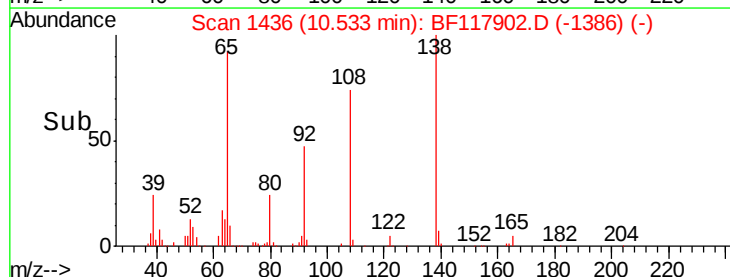
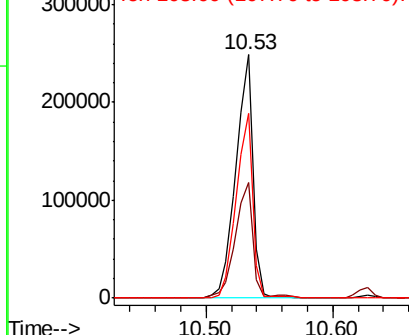


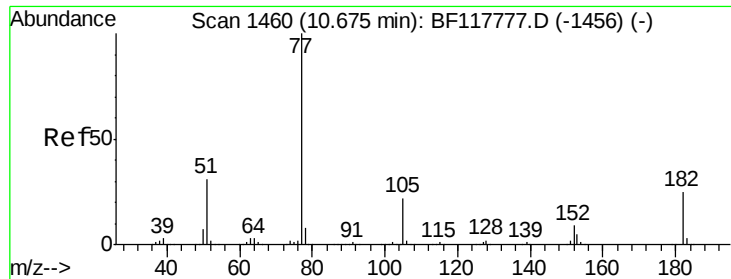
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





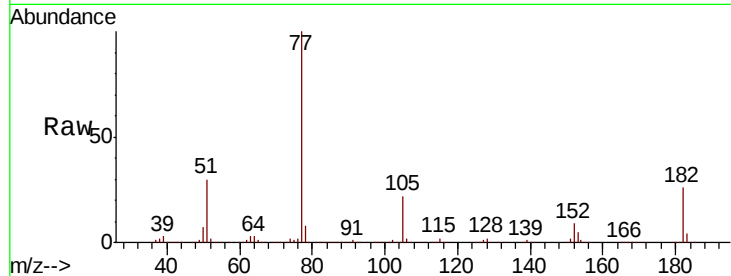
#63
Azobenzene
Concen: 42.792 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Instrument :
BNA_F
ClientSampleId :
1-(2-4)MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.2	4.8	44.8
105	21.7	2.1	42.1
51	30.2	11.4	51.4

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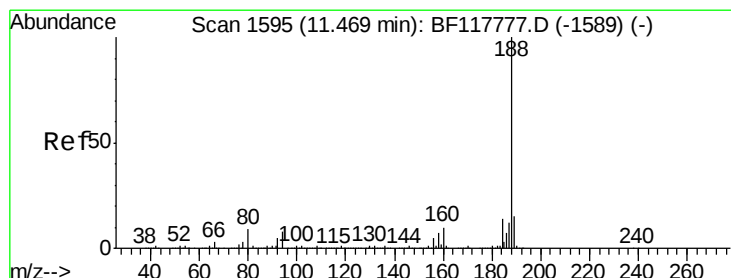
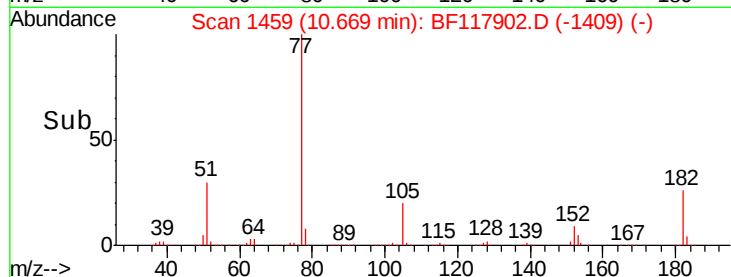
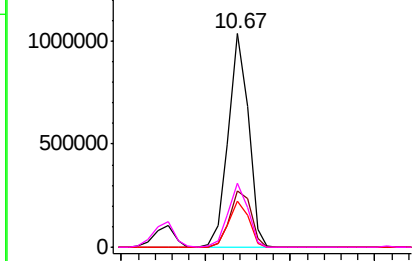
Abundance

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: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

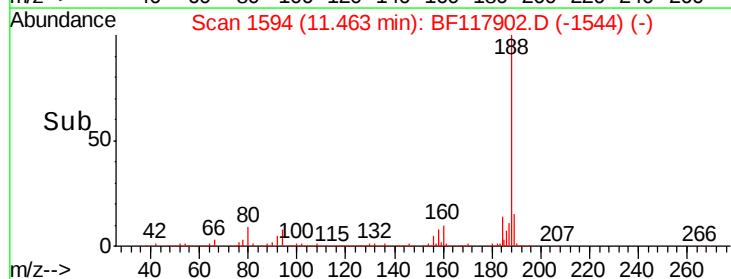
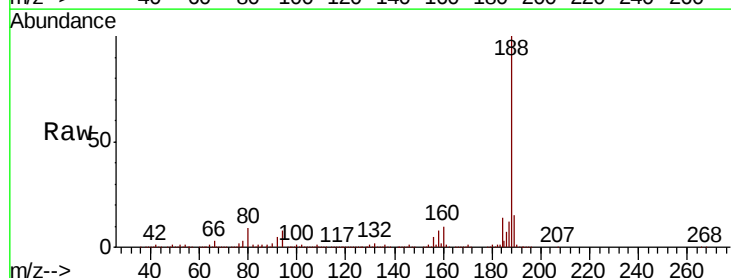
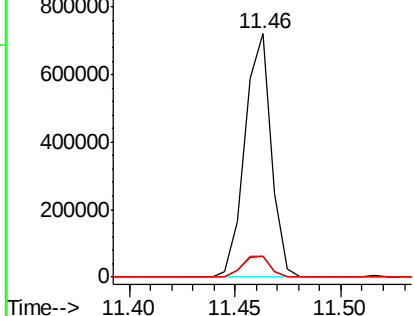
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.6	10.0
80	8.7	7.2	10.8

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: 32.690 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

Instrument :

BNA_F

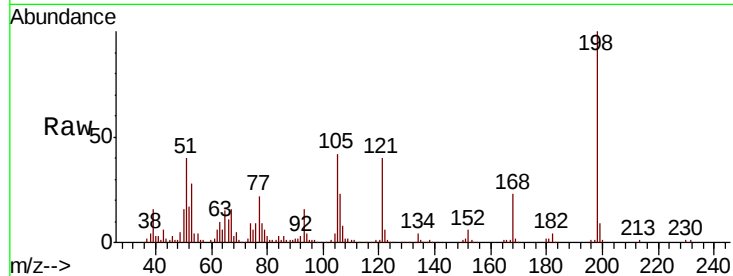
ClientSampleId :

1-(2-4)MS

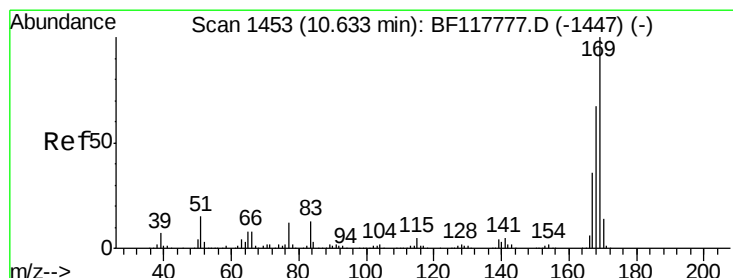
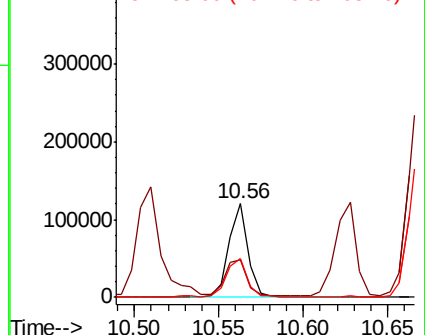
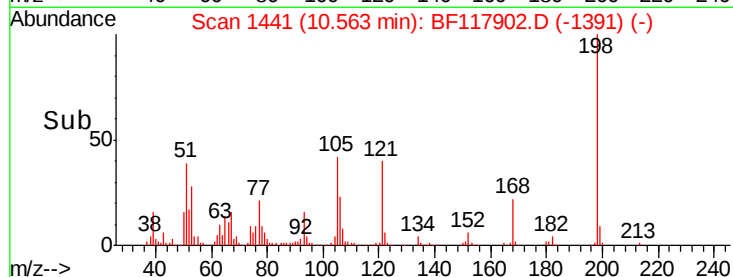
Tot Ion:	198	Resp:	95287
Ion Ratio	Lower	Upper	
198	100		
51	40.1	16.0	56.0
105	41.5	19.1	59.1

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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: 42.408 ng

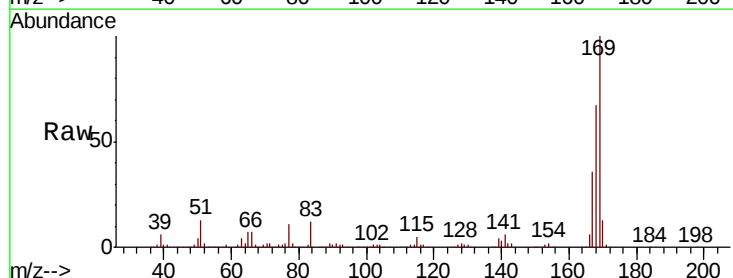
RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

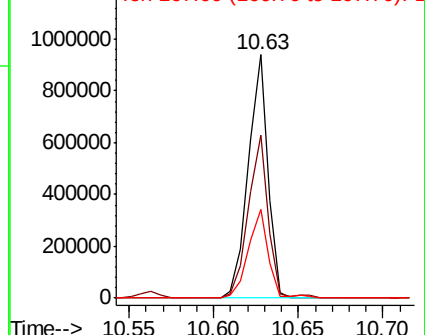
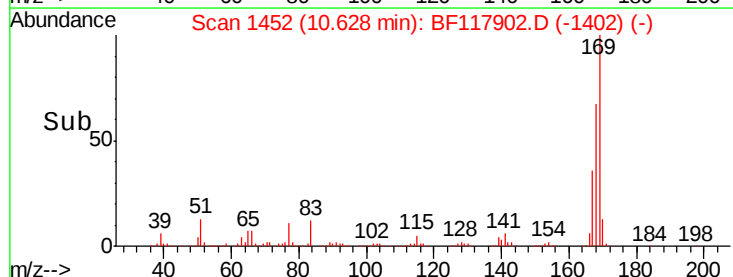
Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

Tgt Ion:	169	Resp:	770599
Ion Ratio	Lower	Upper	
169	100		
168	67.1	53.5	80.3
167	36.4	29.0	43.4



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: 40.531 ng

RT: 11.00 min Scan# 1516

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

Instrument :

BNA_F

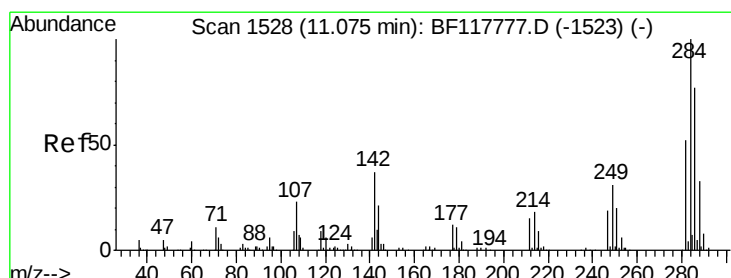
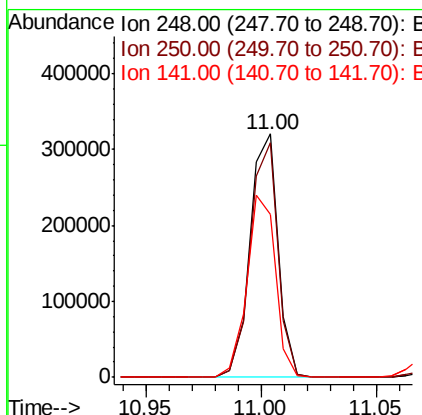
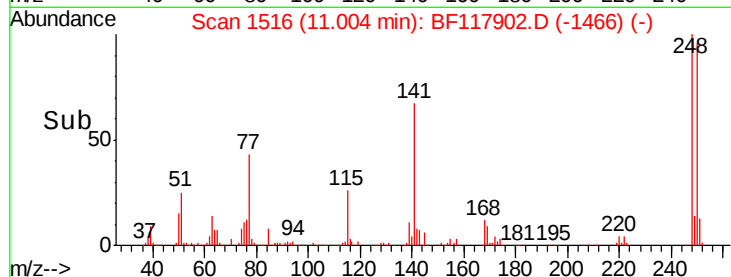
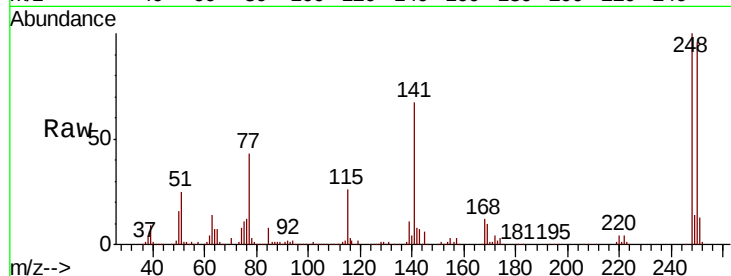
ClientSampleId :

1-(2-4)MS

Tot Ion:	248	Resp:	273055
Ion Ratio	Lower	Upper	
248	100		
250	96.2	76.6	115.0
141	67.0	55.9	83.9

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#68

Hexachlorobenzene

Concen: 39.449 ng

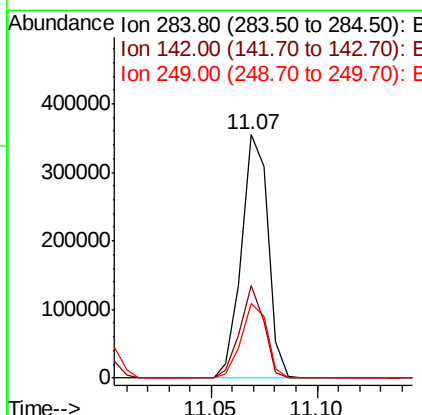
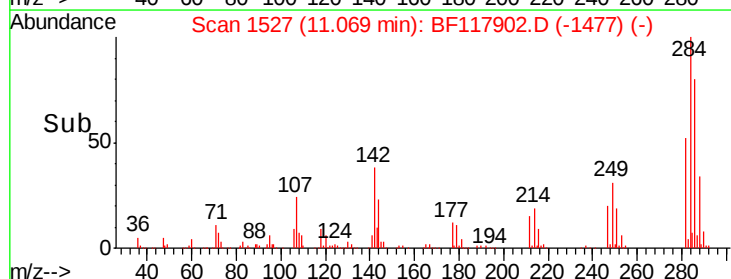
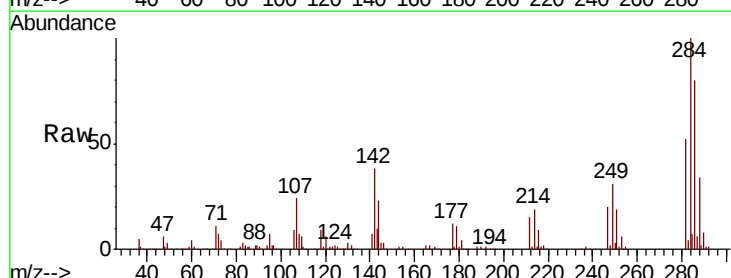
RT: 11.07 min Scan# 1527

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

Tgt Ion:	284	Resp:	309897
Ion Ratio	Lower	Upper	
284	100		
142	38.2	29.4	44.2
249	30.7	24.6	37.0





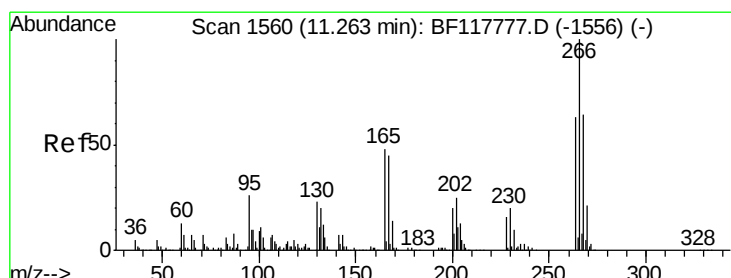
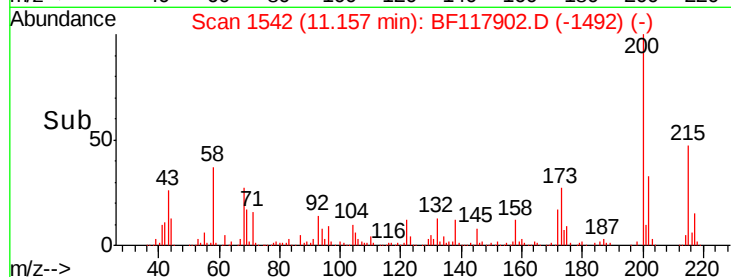
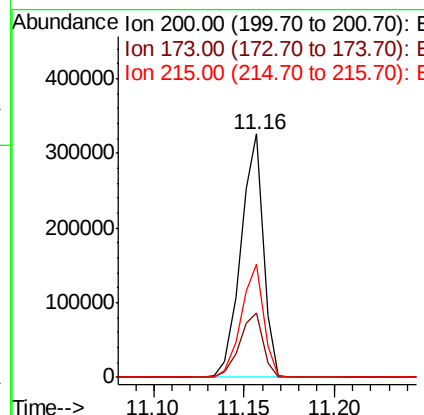
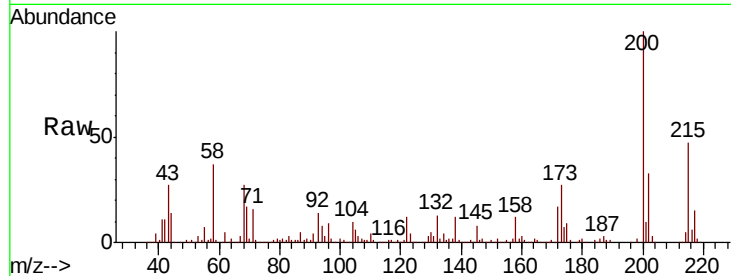
#69
Atrazine
Concen: 47.077 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Instrument :
BNA_F
ClientSampleId :
1-(2-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	281403		
173	26.7	6.7	46.7	
215	46.7	27.5	67.5	

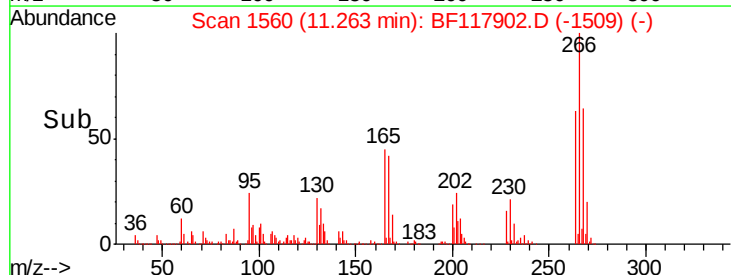
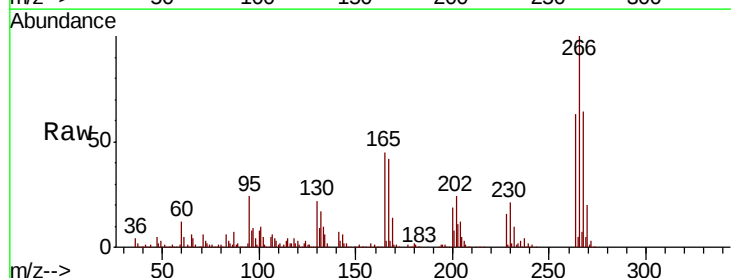
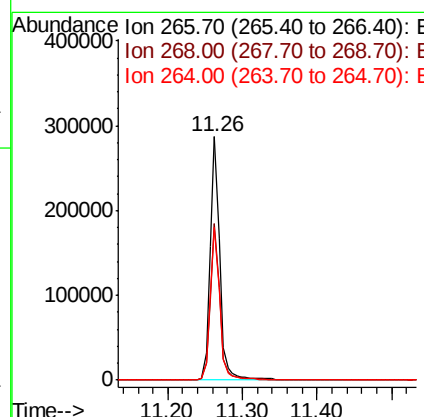
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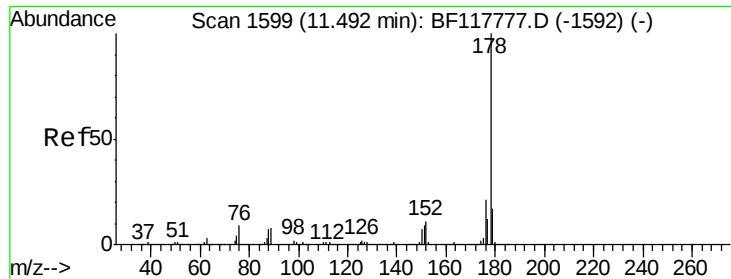
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#70
Pentachlorophenol
Concen: 56.897 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	261130		
268	64.3	50.8	76.2	
264	62.6	50.7	76.1	





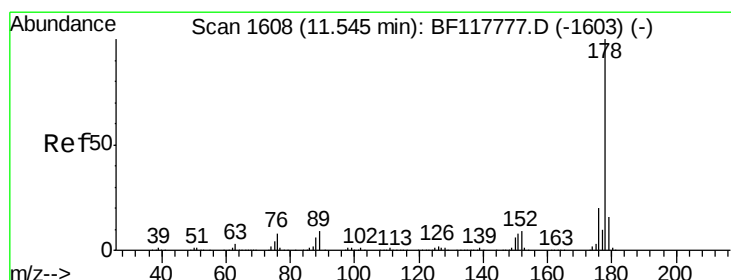
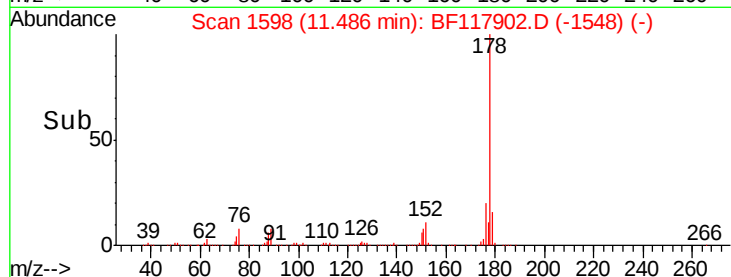
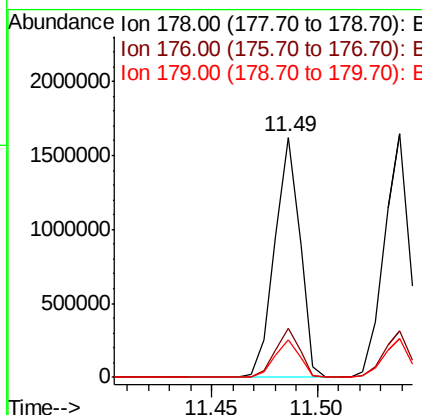
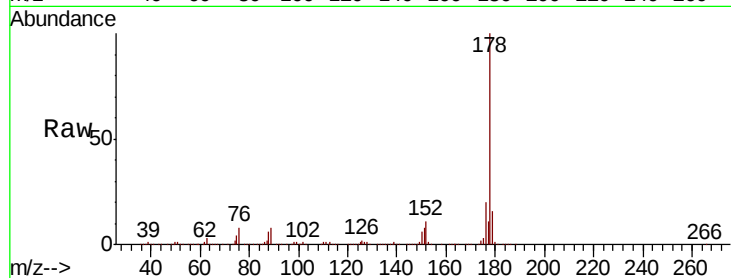
#71
Phenanthrene
Concen: 43.105 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Instrument :
BNA_F
ClientSampleId :
1-(2-4)MS

Tot Ion:178 Resp: 1353155
Ion Ratio Lower Upper
178 100
176 20.2 16.6 25.0
179 15.7 13.2 19.8

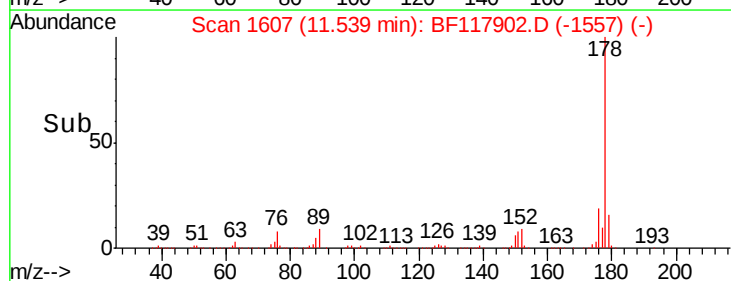
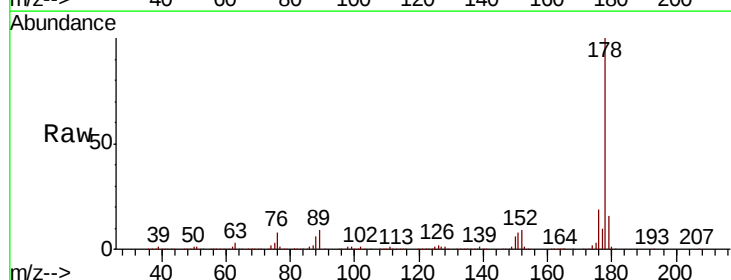
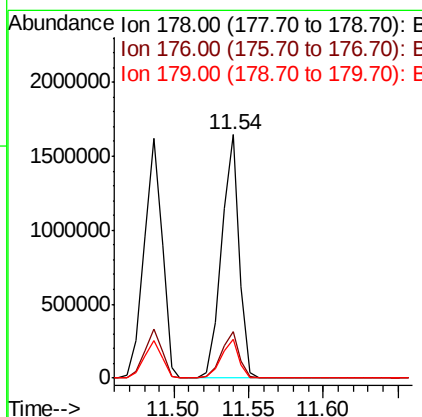
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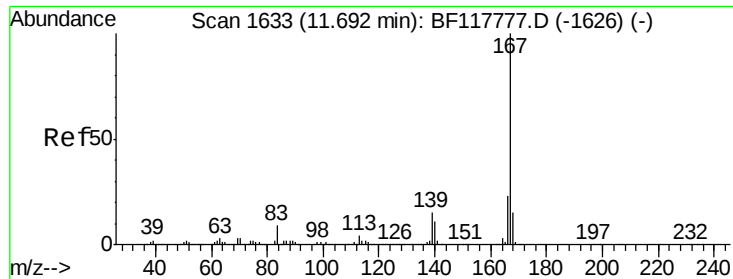
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#72
Anthracene
Concen: 43.982 ng
RT: 11.54 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Tgt Ion:178 Resp: 1368916
Ion Ratio Lower Upper
178 100
176 19.3 16.1 24.1
179 15.9 13.0 19.4





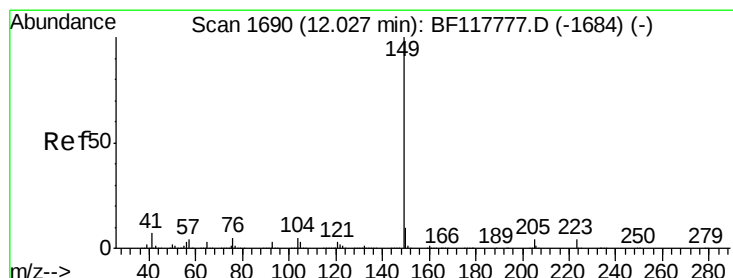
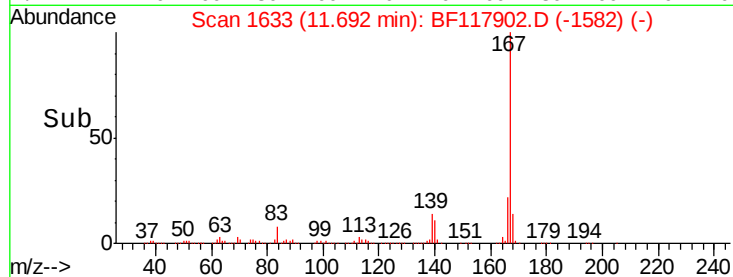
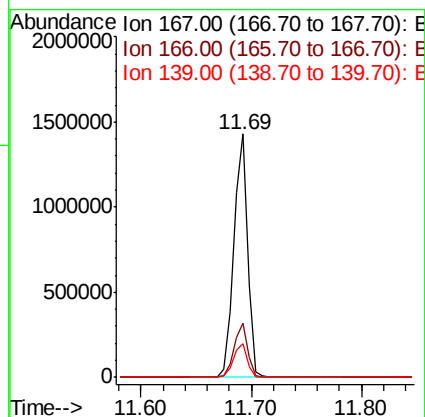
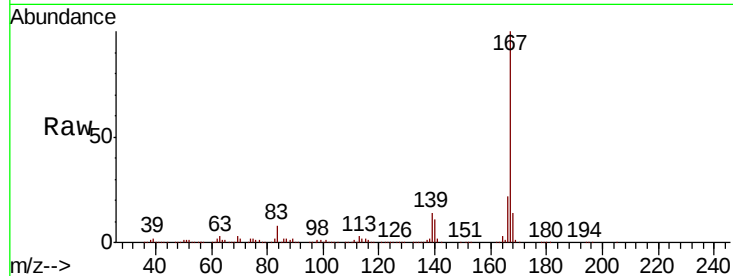
#73
 Carbazole
 Concen: 46.025 ng
 RT: 11.69 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BF117902.D
 Acq: 21 Nov 2019 10:46

Instrument :
 BNA_F
 ClientSampleId :
 1-(2-4)MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.0	27.0
139	14.0	11.7	17.5

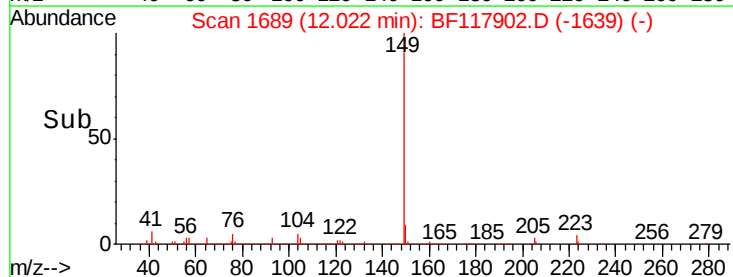
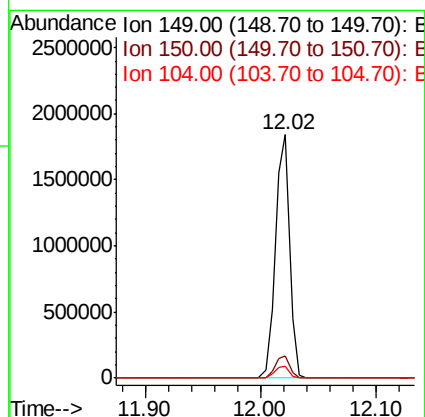
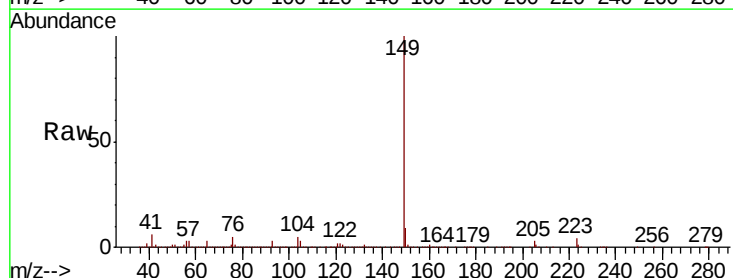
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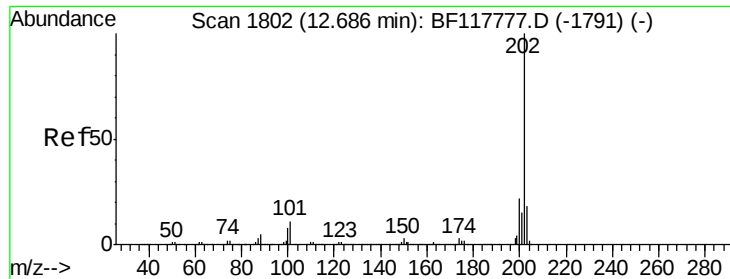
mohammad
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#74
 Di-n-butylphthalate
 Concen: 46.408 ng
 RT: 12.02 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BF117902.D
 Acq: 21 Nov 2019 10:46

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.9	11.9
104	4.9	4.2	6.4





#75

Fluoranthene

Concen: 55.728 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

Instrument :

BNA_F

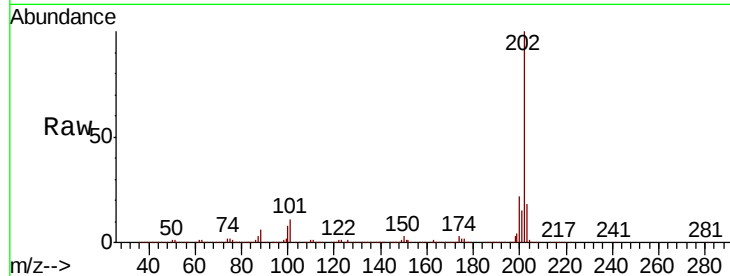
ClientSampleId :

1-(2-4)MS

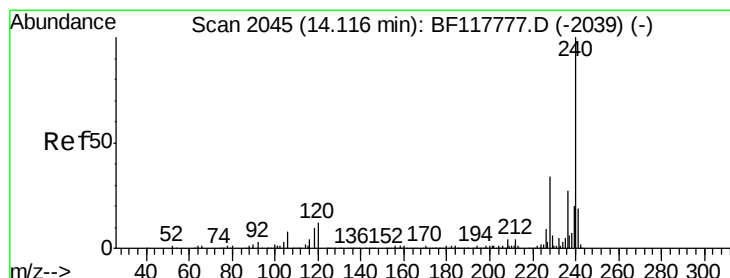
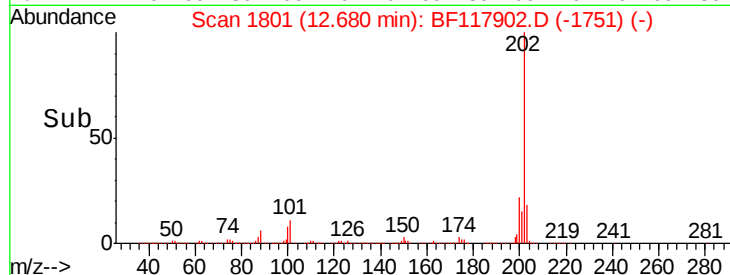
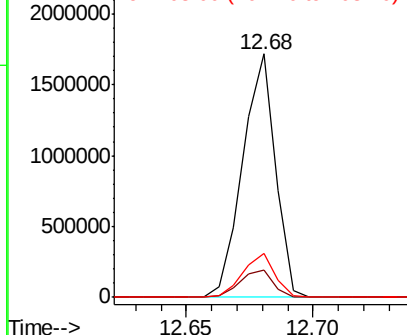
Tot Ion:	202	Resp:	1541781
Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.1
203	17.9	0.0	38.2

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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: 14.12 min Scan# 2045

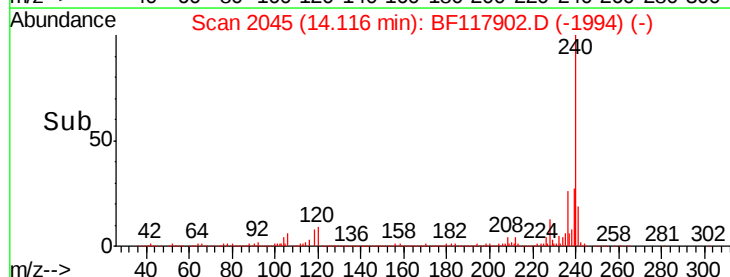
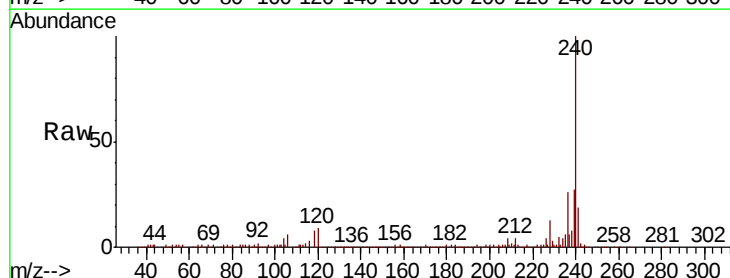
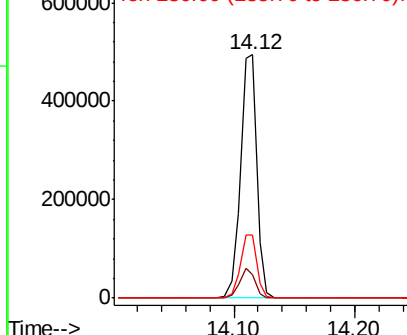
Delta R.T. 0.00 min

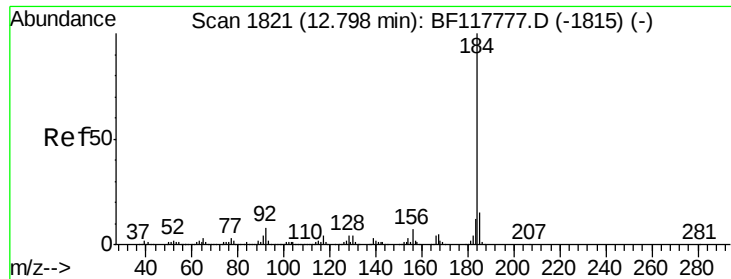
Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

Tgt Ion:	240	Resp:	467320
Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.5	14.3#
236	25.8	21.3	31.9

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: 25.000 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

Instrument :

BNA_F

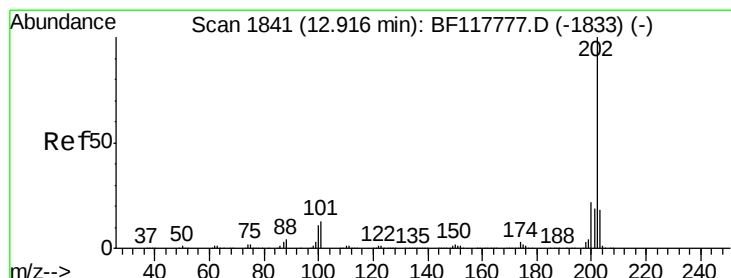
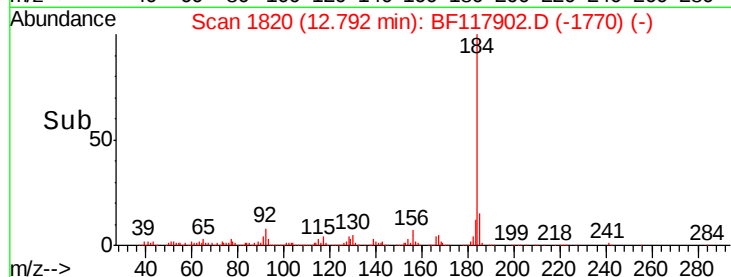
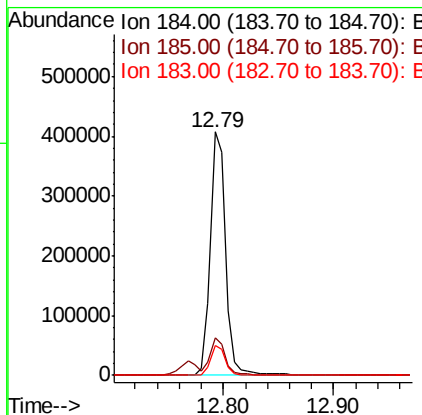
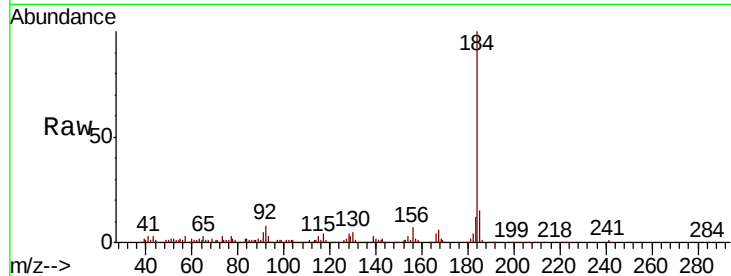
ClientSampleId :

1-(2-4)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
184	100				
185	15.3	12.2	18.4		
183	12.1	9.5	14.3		

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#78

Pyrene

Concen: 40.363 ng

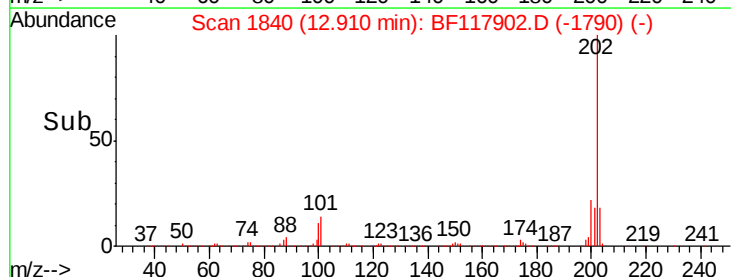
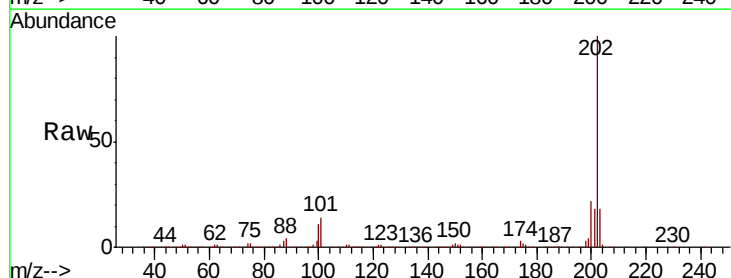
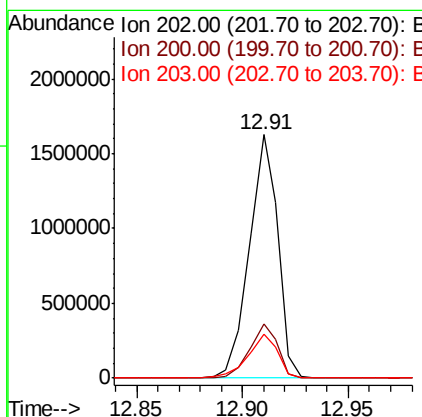
RT: 12.91 min Scan# 1840

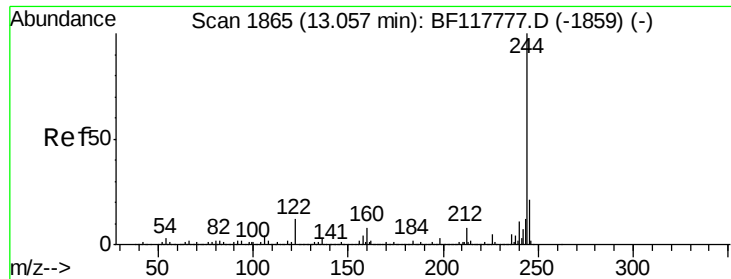
Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
200	22.2	17.8	26.8		
203	18.1	14.6	22.0		





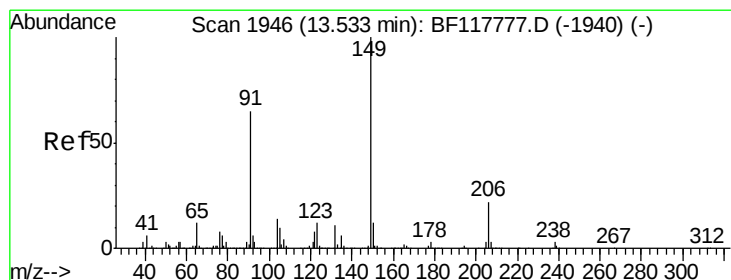
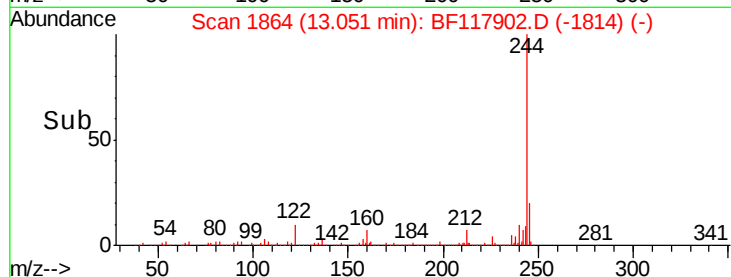
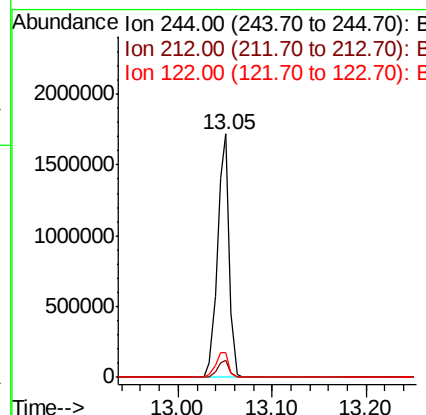
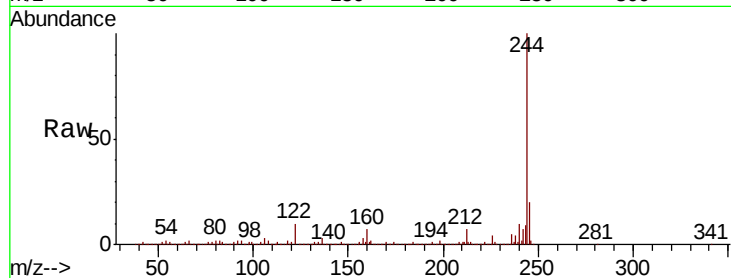
#79
 Terphenyl-d14
 Concen: 59.274 ng
 RT: 13.05 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BF117902.D
 Acq: 21 Nov 2019 10:46

Instrument :
 BNA_F
 ClientSampleId :
 1-(2-4)MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.3	9.5
122	10.3	9.4	14.2

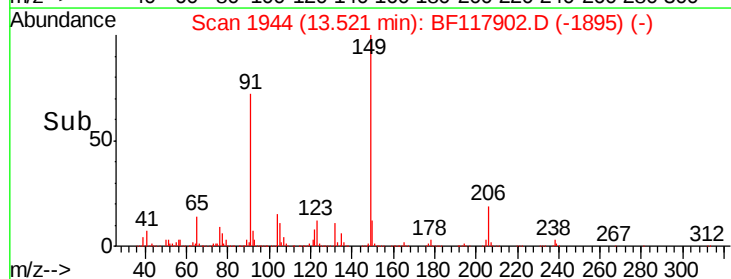
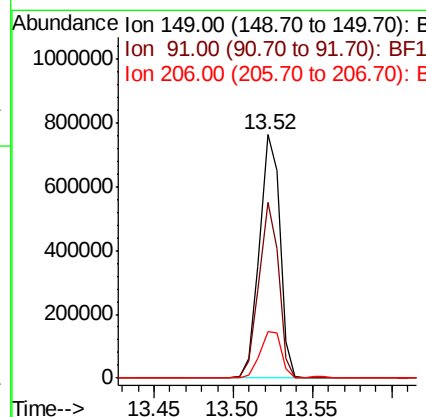
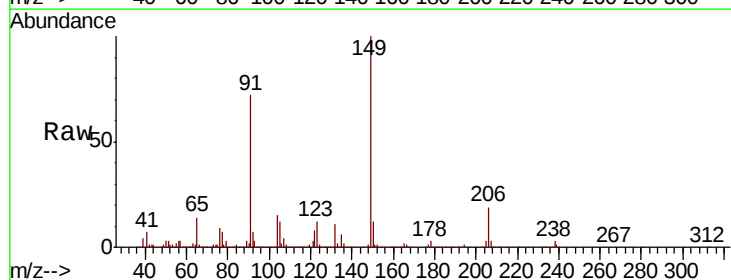
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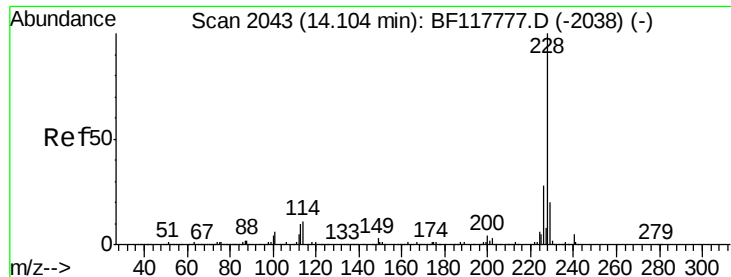
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#80
 Butylbenzylphthalate
 Concen: 42.525 ng
 RT: 13.52 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BF117902.D
 Acq: 21 Nov 2019 10:46

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.2	51.9	77.9
206	19.0	17.2	25.8





#81

Benzo(a)anthracene

Concen: 42.302 ng

RT: 14.10 min Scan# 2043

Delta R.T. 0.00 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

Instrument :

BNA_F

ClientSampleId :

1-(2-4)MS

Tot Ion:228 Resp: 1306343

Ion Ratio Lower Upper

228 100

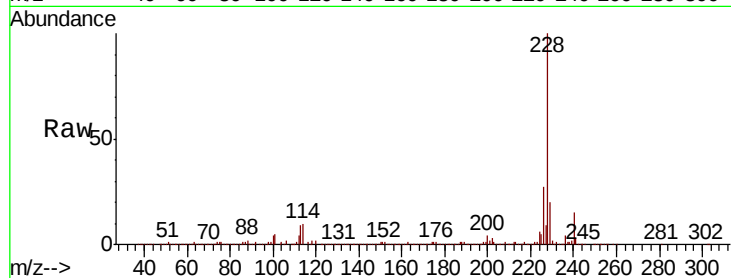
226 27.3 22.2 33.2

229 20.2 15.9 23.9

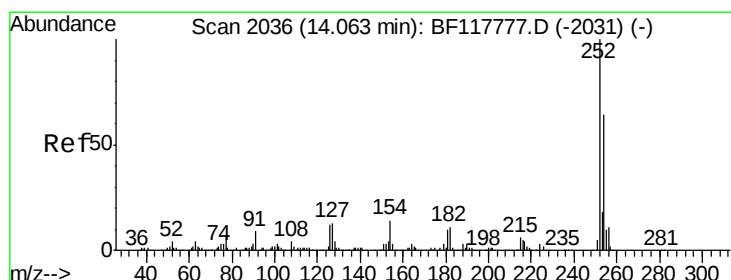
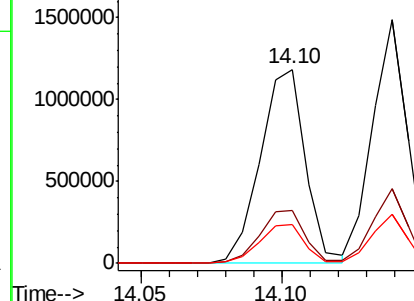
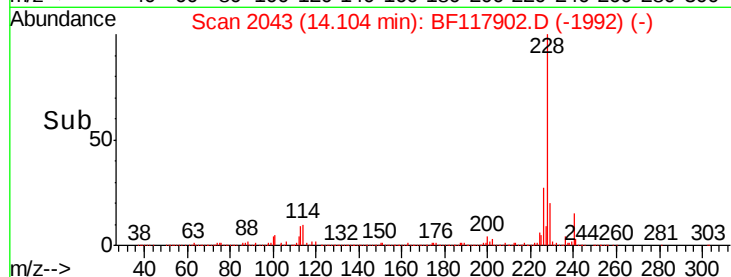
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Abundance Ion 228.00 (227.70 to 228.70): E
2000000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 18.654 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

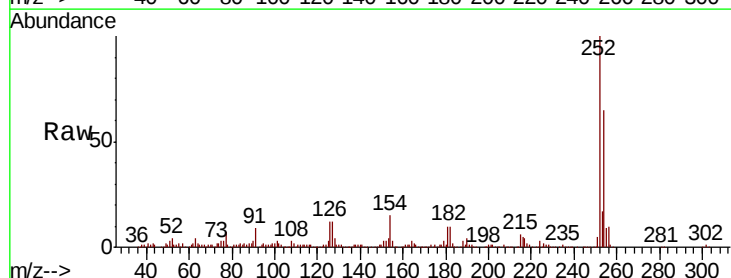
Tgt Ion:252 Resp: 201504

Ion Ratio Lower Upper

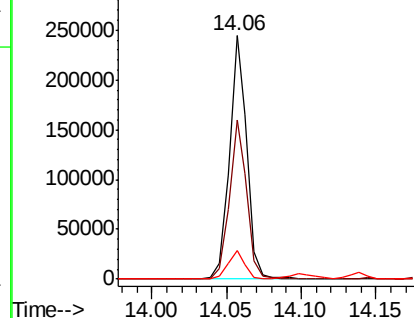
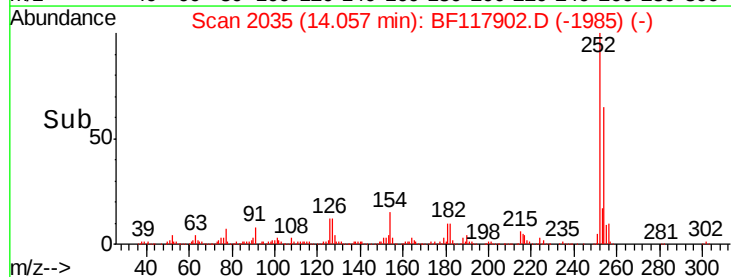
252 100

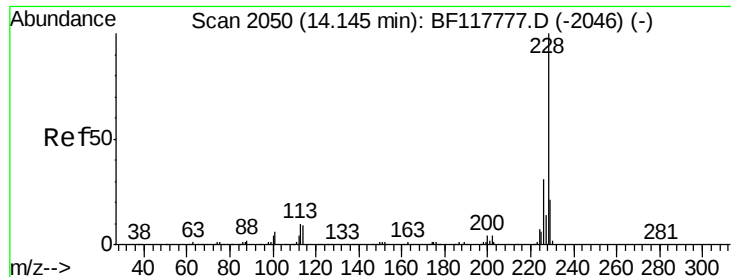
254 65.4 51.0 76.6

126 11.9 9.7 14.5



Abundance Ion 252.00 (251.70 to 252.70): E
300000
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





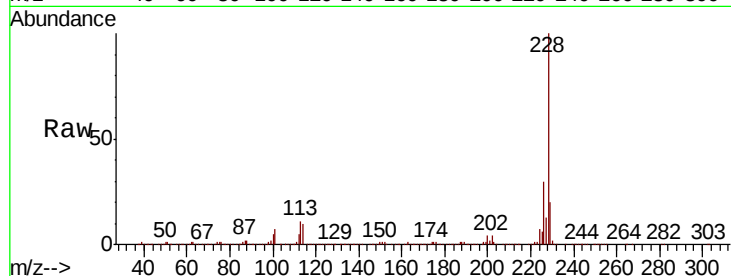
#83
Chrysene
Concen: 41.832 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Instrument :
BNA_F
ClientSampleId :
1-(2-4)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.4
229	20.1	16.6	25.0

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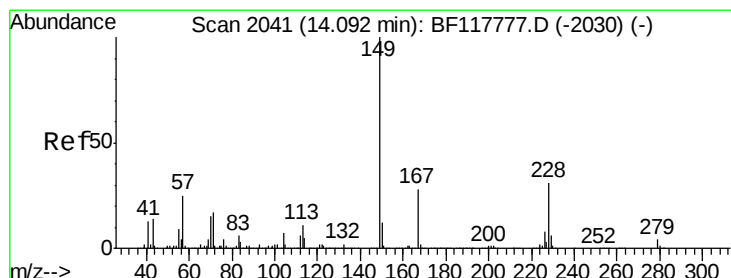
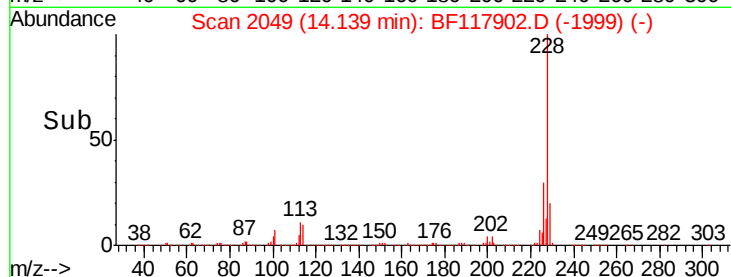
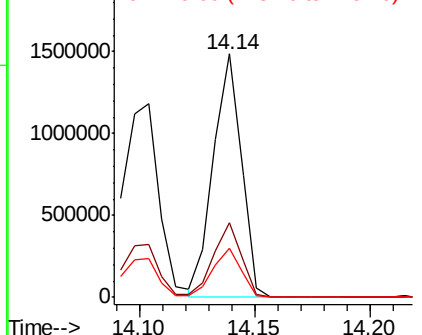


Abundance

Ion 228.00 (227.70 to 228.70): E

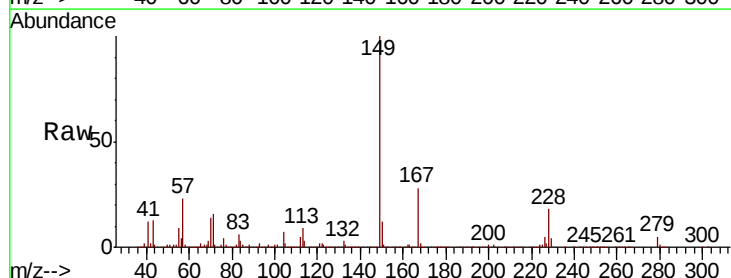
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.653 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.2	33.2
279	4.6	3.4	5.2

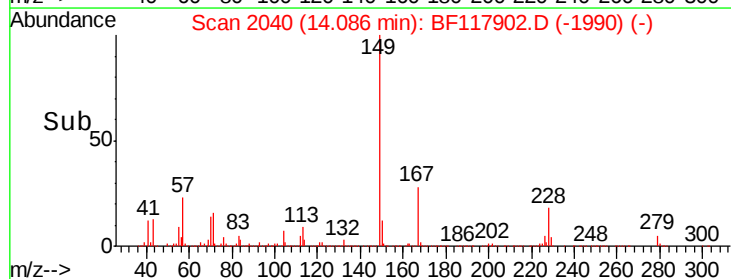
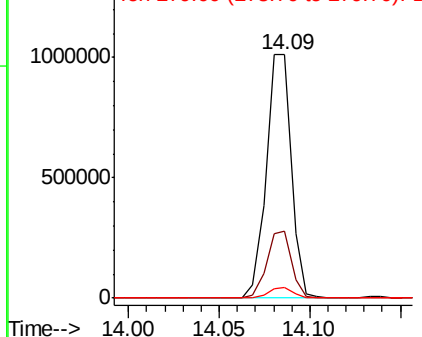


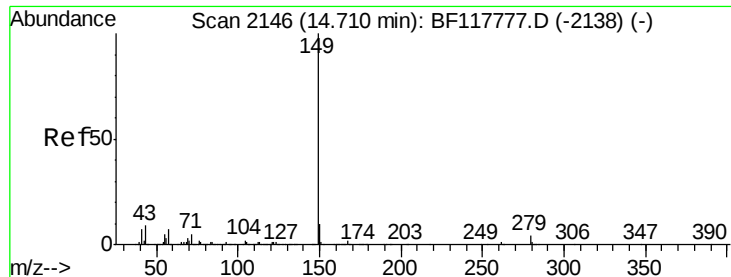
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 55.462 ng

RT: 14.70 min Scan# 2145

Delta R.T. -0.01 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

Instrument :

BNA_F

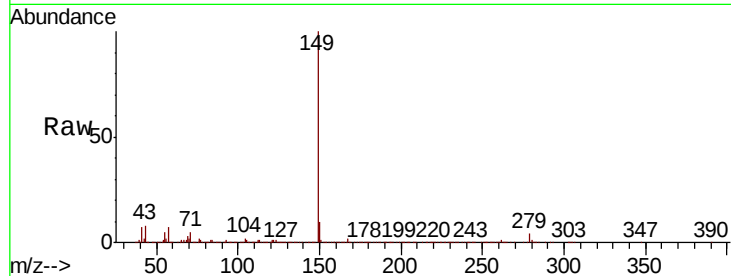
ClientSampleId :

1-(2-4)MS

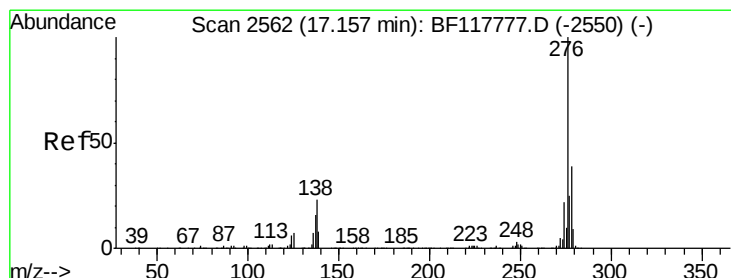
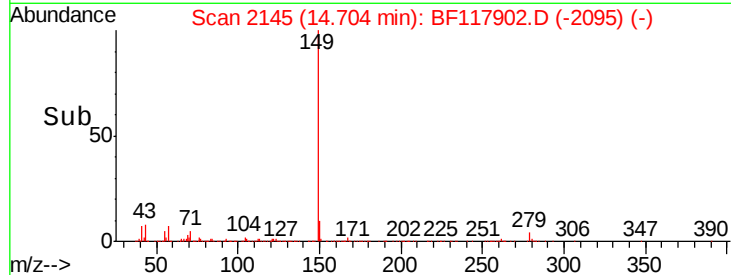
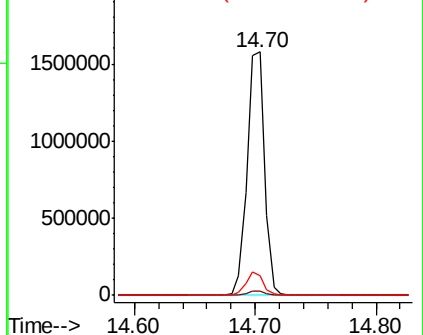
Tot Ion:	149	Resp:	1602295
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.7	7.4	11.2

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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: 54.693 ng

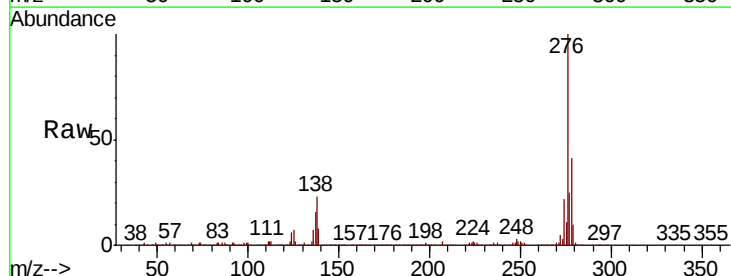
RT: 17.16 min Scan# 2563

Delta R.T. 0.01 min

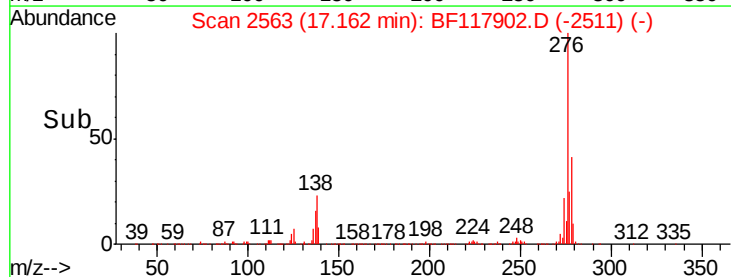
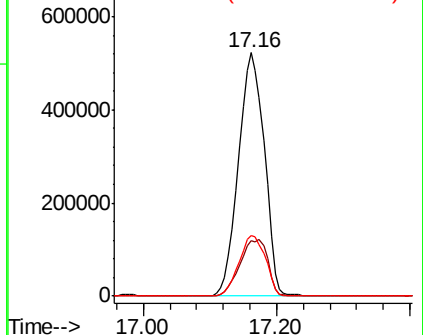
Lab File: BF117902.D

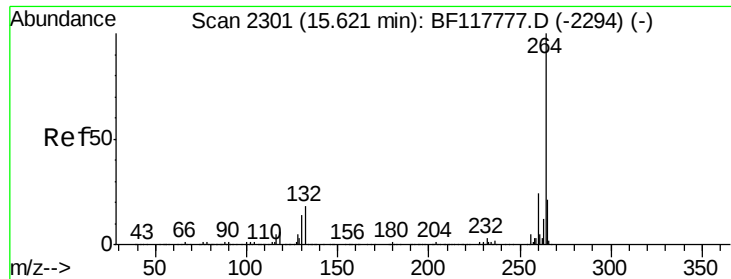
Acq: 21 Nov 2019 10:46

Tgt Ion:	276	Resp:	1392925
Ion	Ratio	Lower	Upper
276	100		
138	24.8	20.9	31.3
277	25.5	20.3	30.5



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: 15.62 min Scan# 2301

Delta R.T. 0.00 min

Lab File: BF117902.D

Acq: 21 Nov 2019 10:46

Instrument :

BNA_F

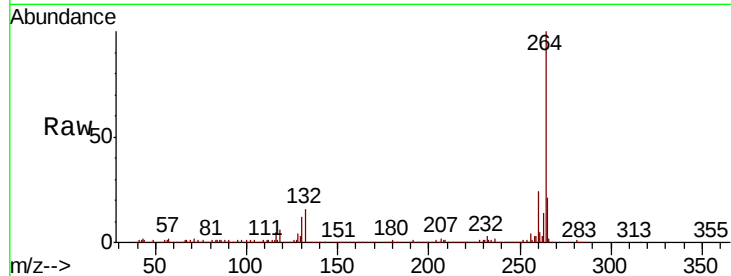
ClientSampleId :

1-(2-4)MS

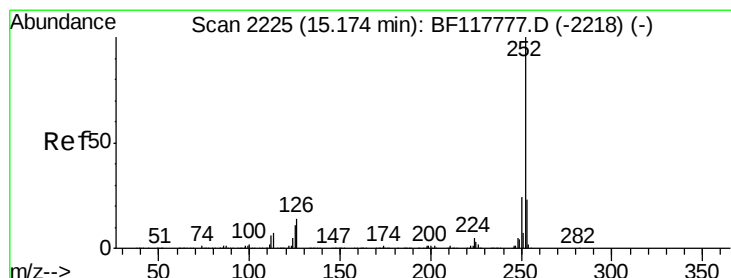
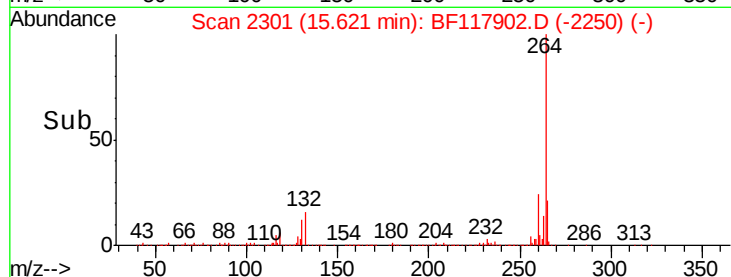
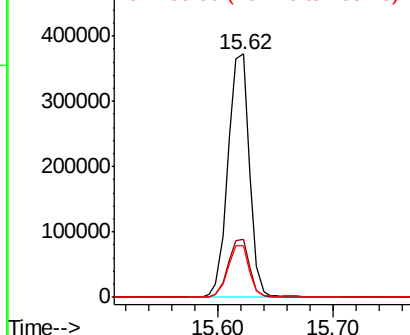
Tot Ion:	264	Resp:	478011
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.4	29.0
265	21.2	17.1	25.7

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.535 ng

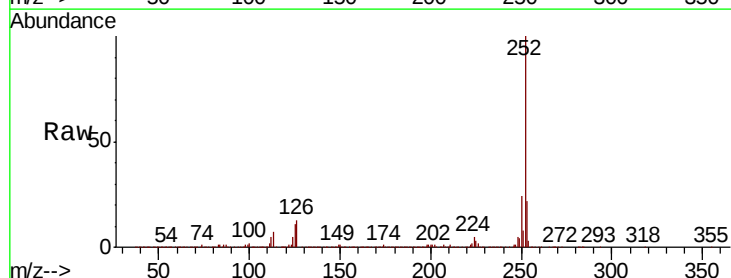
RT: 15.17 min Scan# 2225

Delta R.T. 0.00 min

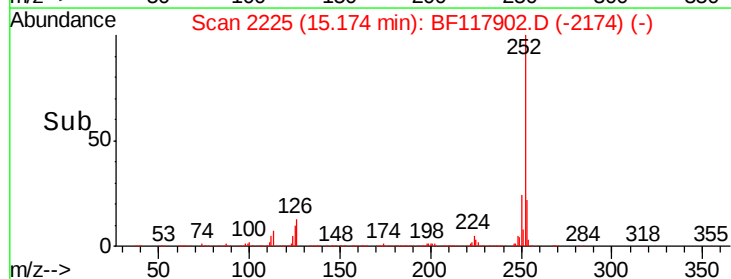
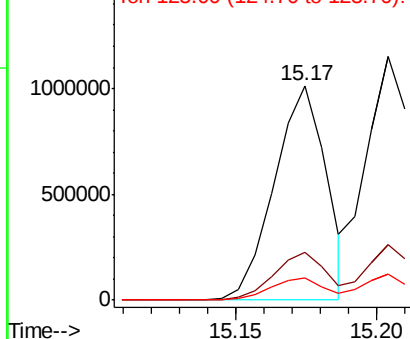
Lab File: BF117902.D

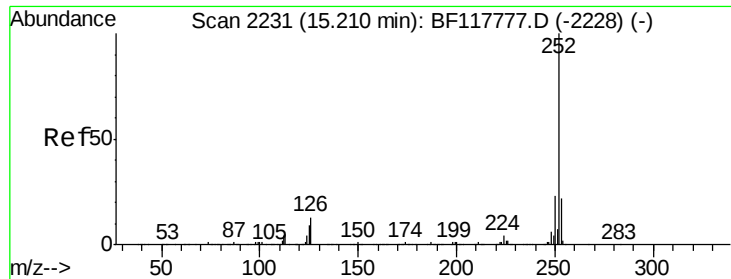
Acq: 21 Nov 2019 10:46

Tgt Ion:	252	Resp:	1289947
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.0	27.0
125	10.5	8.6	13.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





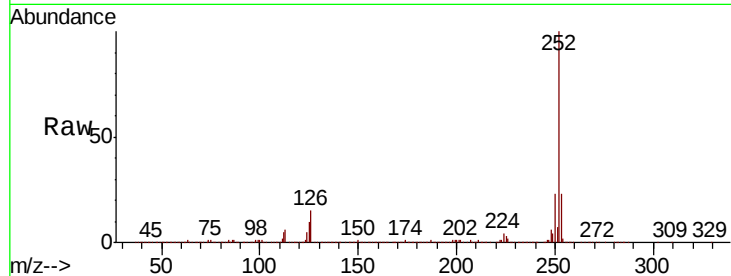
#89
Benzo(k)fluoranthene
Concen: 42.220 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Instrument :
BNA_F
ClientSampleId :
1-(2-4)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	10.5	7.9	11.9

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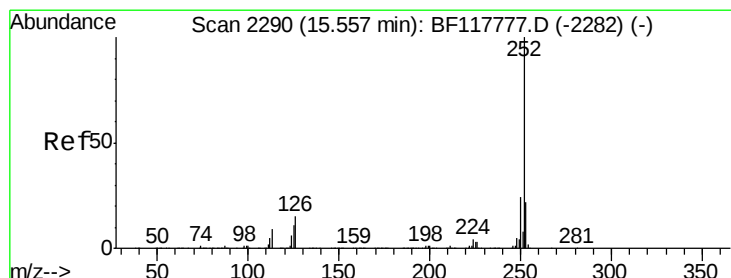
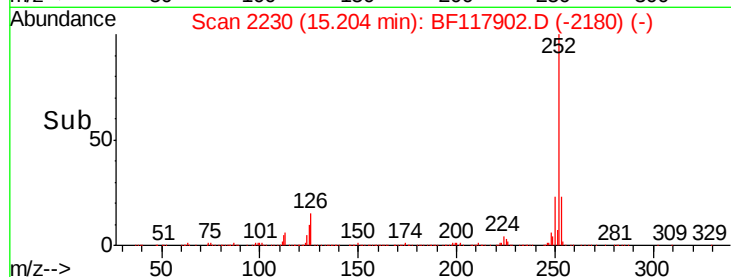
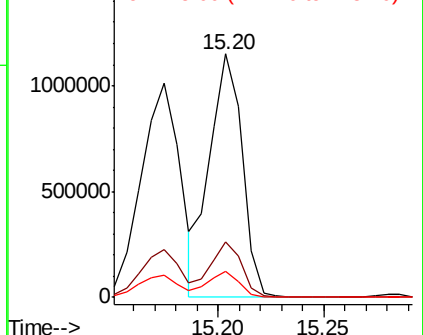


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 40.672 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.00 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

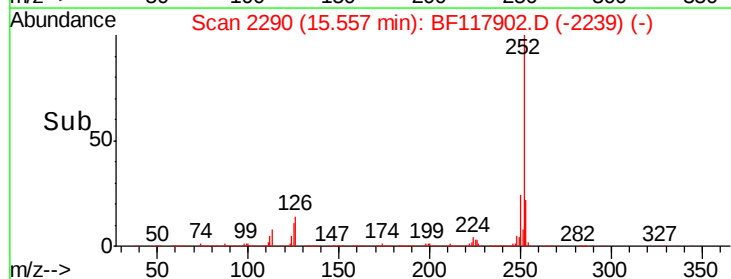
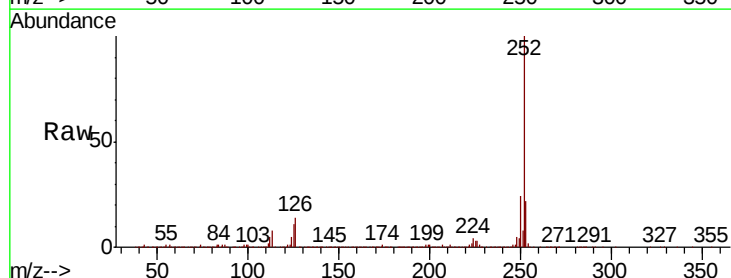
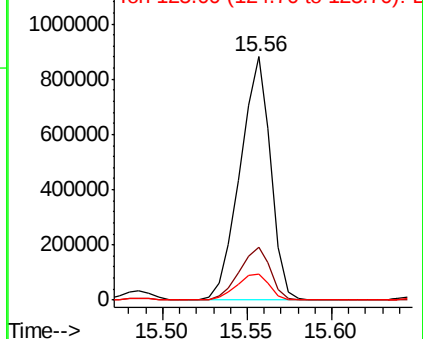
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	10.9	9.2	13.8

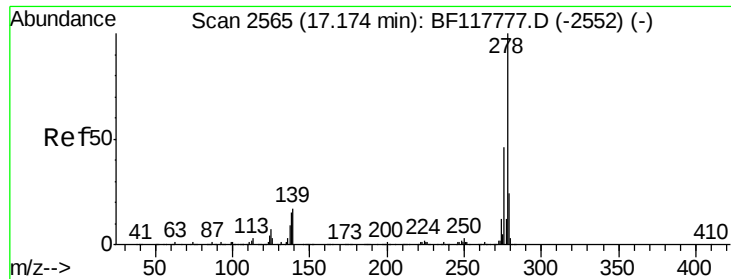
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





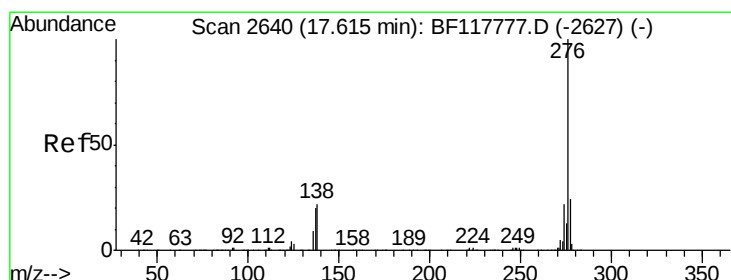
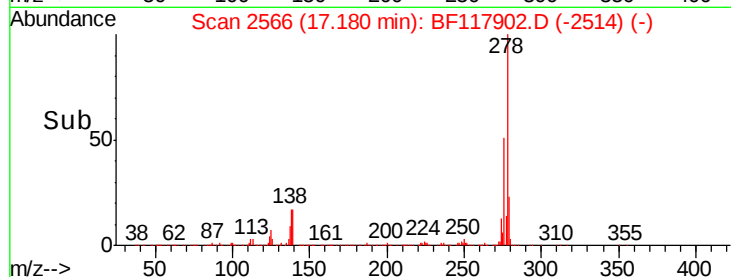
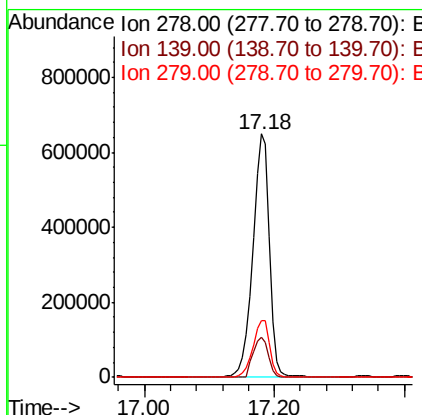
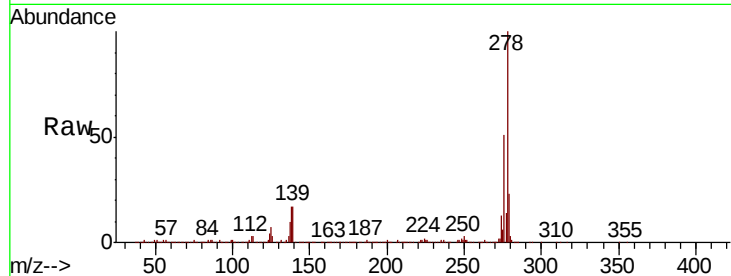
#91
Dibenzo(a,h)anthracene
Concen: 48.416 ng
RT: 17.18 min Scan# 2566
Delta R.T. 0.01 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Instrument :
BNA_F
ClientSampleId :
1-(2-4)MS

Tot Ion:278 Resp: 1138054
Ion Ratio Lower Upper
278 100
139 16.7 13.8 20.8
279 23.2 19.6 29.4

Manual Integrations
APPROVED

mohammad
11/22/2019 1:20:44 PM



#92
Benzo(g,h,i)perylene
Concen: 49.424 ng
RT: 17.63 min Scan# 2643
Delta R.T. 0.02 min
Lab File: BF117902.D
Acq: 21 Nov 2019 10:46

Tgt Ion:276 Resp: 1157128
Ion Ratio Lower Upper
276 100
277 23.6 18.9 28.3
138 22.6 17.4 26.2

