

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101619\
 Data File : BF117412.D
 Acq On : 16 Oct 2019 14:39
 Operator : JU
 Sample : K5148-08MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-101119MS

Quant Time: Oct 17 00:59:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 14 19:03:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	42312	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	167245	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	87536	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	149968	20.00	ng	0.00
76) Chrysene-d12	13.96	240	127389	20.00	ng	0.00
87) Perylene-d12	15.41	264	116389	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	375022	136.37	ng	0.01
7) Phenol-d6	6.45	99	496243	136.01	ng	0.00
23) Nitrobenzene-d5	7.36	82	315175	95.53	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	111013	155.82	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	576529	96.02	ng	0.00
79) Terphenyl-d14	12.90	244	648055	82.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	47319	41.798	ng	# 85
3) Pyridine	3.42	79	77758	26.989	ng	94
4) n-Nitrosodimethylamine	3.29	42	50481	49.722	ng	93
6) Aniline	6.47	93	42386	9.299	ng	# 72
8) 2-Chlorophenol	6.59	128	141308	46.219	ng	97
9) Benzaldehyde	6.36	77	18097	5.060	ng	96
10) Phenol	6.46	94	171444	43.524	ng	79
11) bis(2-Chloroethyl)ether	6.53	93	137369	45.869	ng	99
12) 1,3-Dichlorobenzene	6.73	146	139411	40.775	ng	98
13) 1,4-Dichlorobenzene	6.81	146	140569	40.332	ng	99
14) 1,2-Dichlorobenzene	6.96	146	136112	41.346	ng	98
15) Benzyl Alcohol	6.95	79	127220	45.574	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	135307	43.027	ng	90
17) 2-Methylphenol	7.06	107	117526	46.046	ng	94
18) Hexachloroethane	7.30	117	55002	40.590	ng	94
19) n-Nitroso-di-n-propylamine	7.21	70	105862	45.504	ng	94
20) 3+4-Methylphenols	7.22	107	159527	48.541	ng	89
22) Acetophenone	7.20	105	209372	47.708	ng	95
24) Nitrobenzene	7.37	77	162215	49.082	ng	97
25) Isophorone	7.62	82	293226	49.891	ng	100
26) 2-Nitrophenol	7.69	139	74746	50.974	ng	92
27) 2,4-Dimethylphenol	7.73	122	124571	55.897	ng	96
28) bis(2-Chloroethoxy)methane	7.82	93	174674	47.941	ng	98
29) 2,4-Dichlorophenol	7.95	162	117583	51.133	ng	96
30) 1,2,4-Trichlorobenzene	8.02	180	113805	45.909	ng	99
31) Naphthalene	8.09	128	414238	49.596	ng	98
32) Benzoic acid	7.90	122	76729	50.357	ng	95
33) 4-Chloroaniline	8.16	127	28672	8.083	ng	97
34) Hexachlorobutadiene	8.21	225	62752	44.199	ng	99
35) Caprolactam	8.53	113	23005	31.946	ng	91
36) 4-Chloro-3-methylphenol	8.65	107	139277	53.228	ng	99
37) 2-Methylnaphthalene	8.79	142	280773	49.783	ng	96
38) 1-Methylnaphthalene	8.88	142	263881	49.659	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	111540	47.345	ng	98

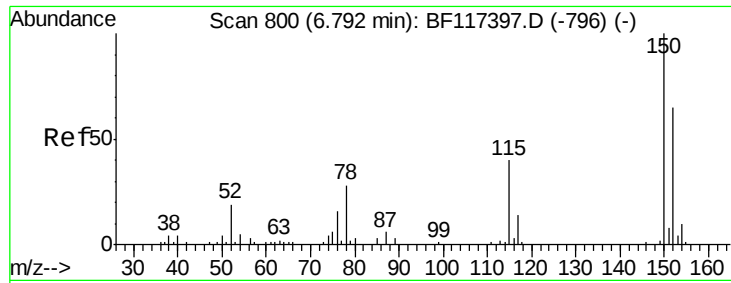
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101619\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	54196	123.193	nq	95
43) 2,4,6-Trichlorophenol	9.07	196	78625	52.736	nq	94
44) 2,4,5-Trichlorophenol	9.13	196	82234	54.073	nq	97
46) 1,1'-Biphenyl	9.25	154	342632	47.913	nq	97
47) 2-Chloronaphthalene	9.27	162	265634	47.651	nq	99
48) 2-Nitroaniline	9.38	65	88360	49.678	nq	97
49) Acenaphthylene	9.69	152	418290	51.184	nq	100
50) Dimethylphthalate	9.55	163	318052	50.592	nq	99
51) 2,6-Dinitrotoluene	9.62	165	69201	52.370	nq #	88
52) Acenaphthene	9.86	154	248772	50.097	nq	99
53) 3-Nitroaniline	9.79	138	27160	16.832	nq #	90
54) 2,4-Dinitrophenol	9.92	184	60966	106.086	nq	91
55) Dibenzofuran	10.03	168	375489	51.835	nq	98
56) 4-Nitrophenol	9.97	139	84984	114.386	nq #	80
57) 2,4-Dinitrotoluene	10.03	165	95868	54.984	nq	98
58) Fluorene	10.37	166	312442	51.802	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	62523	53.181	nq	96
60) Diethylphthalate	10.25	149	326520	51.526	nq	99
61) 4-Chlorophenyl-phenylether	10.36	204	135112	50.596	nq	94
62) 4-Nitroaniline	10.41	138	70841	46.184	nq	98
63) Azobenzene	10.53	77	335689	51.627	nq	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	42576	52.610	nq	96
66) n-Nitrosodiphenylamine	10.49	169	272943	48.719	nq	97
67) 4-Bromophenyl-phenylether	10.85	248	79360	48.246	nq	95
68) Hexachlorobenzene	10.93	284	81902	46.363	nq #	90
69) Atrazine	11.02	200	62183	68.450	nq	99
70) Pentachlorophenol	11.13	266	76704	145.139	nq	93
71) Phenanthrene	11.34	178	456751	51.522	nq	100
72) Anthracene	11.39	178	465239	50.836	nq	99
73) Carbazole	11.55	167	441030	53.052	nq	98
74) Di-n-butylphthalate	11.87	149	558039	49.574	nq	99
75) Fluoranthene	12.53	202	481477	54.619	nq	97
78) Pyrene	12.76	202	494002	43.871	nq	100
80) Butylbenzylphthalate	13.36	149	245537	43.364	nq	94
81) Benzo(a)anthracene	13.95	228	421973	48.277	nq	98
82) 3,3'-Dichlorobenzidine	13.91	252	35443	12.825	nq	99
83) Chrysene	13.99	228	416469	48.316	nq	98
84) Bis(2-ethylhexyl)phthalate	13.92	149	352767	44.186	nq #	97
85) Di-n-octyl phthalate	14.53	149	597213	49.135	nq	100
86) Indeno(1,2,3-cd)pyrene	16.87	276	314688	52.212	nq	99
88) Benzo(b)fluoranthene	15.00	252	373866	51.598	nq	99
89) Benzo(k)fluoranthene	15.03	252	352269	48.921	nq	98
90) Benzo(a)pyrene	15.36	252	338259	52.719	nq	99
91) Dibenzo(a,h)anthracene	16.87	278	271449	49.372	nq	96
92) Benzo(g,h,i)perylene	17.30	276	252643	48.275	nq	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

Instrument :

BNA_F

ClientSampleId :

OR-03-101119MS

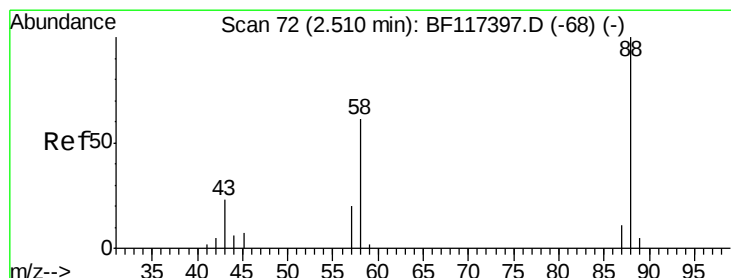
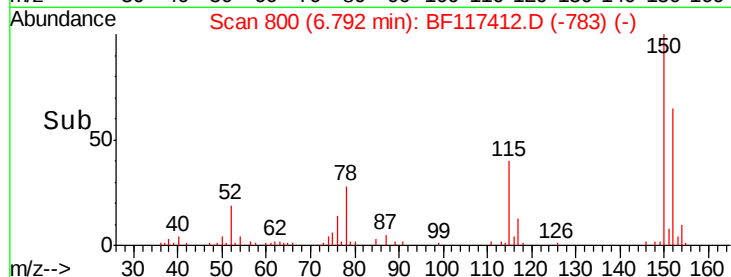
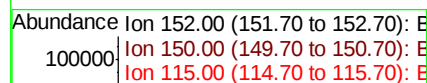
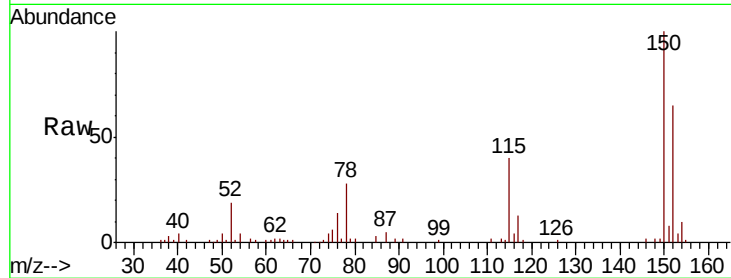
Tot Ion:152 Resp: 42312

Ion Ratio Lower Upper

152 100

150 154.9 122.7 184.1

115 61.2 48.6 73.0



#2

1,4-Dioxane

Concen: 41.798 ng

RT: 2.66 min Scan# 97

Delta R.T. 0.15 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

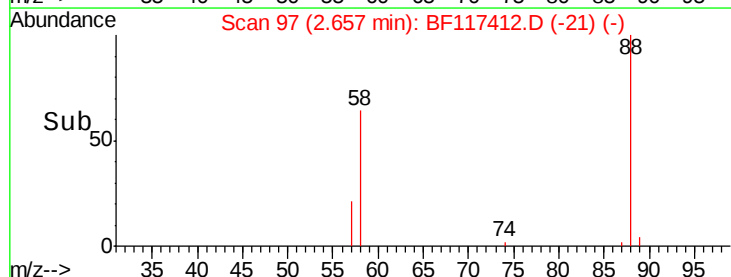
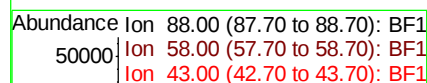
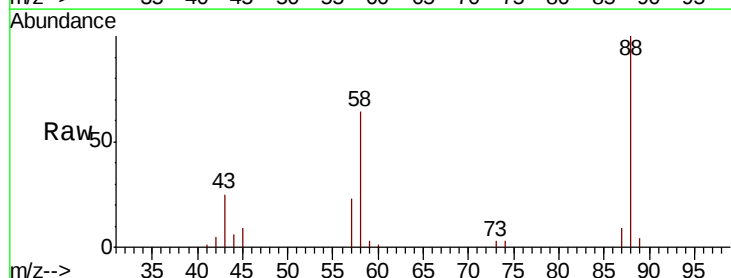
Tgt Ion: 88 Resp: 47319

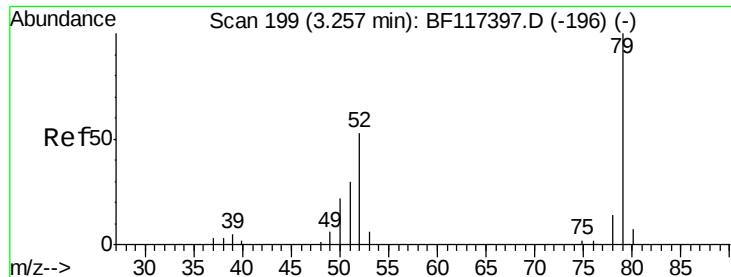
Ion Ratio Lower Upper

88 100

58 63.9 49.4 74.2

43 0.0 18.1 27.1#

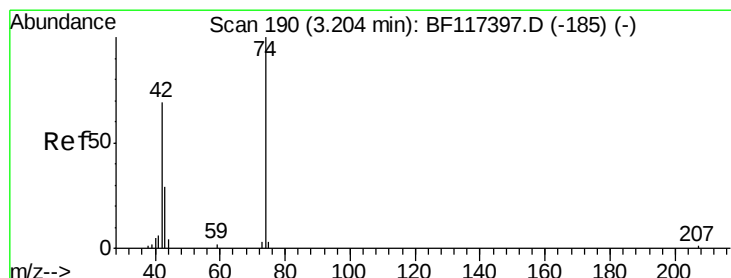
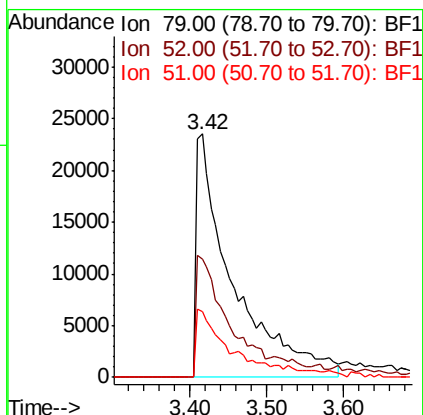
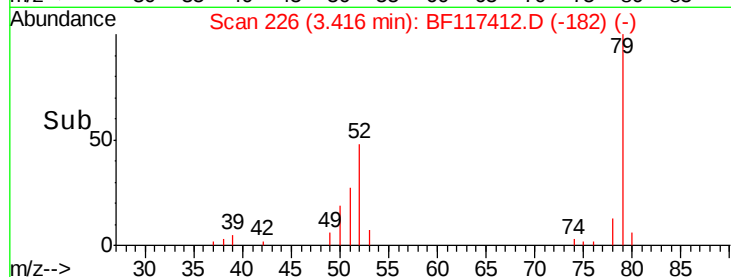
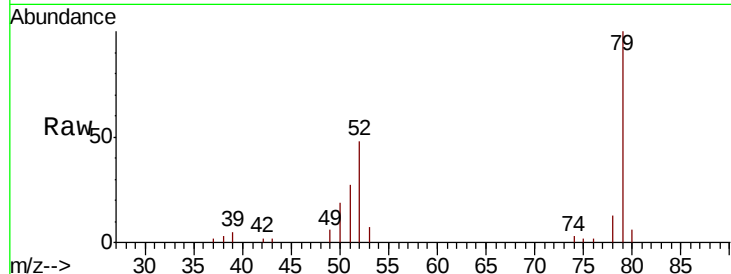




#3
 Pvridine
 Concen: 26.989 ng
 RT: 3.42 min Scan# 226
 Delta R.T. 0.16 min
 Lab File: BF117412.D
 Acq: 16 Oct 2019 14:39

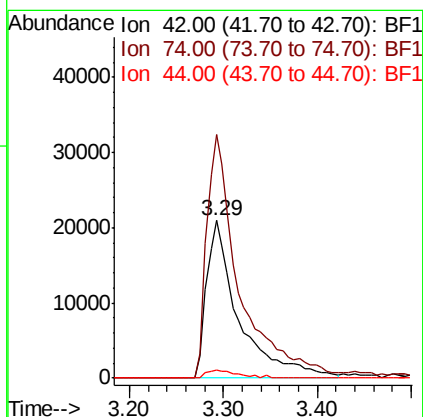
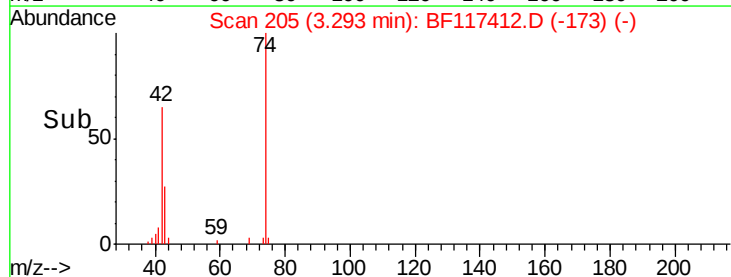
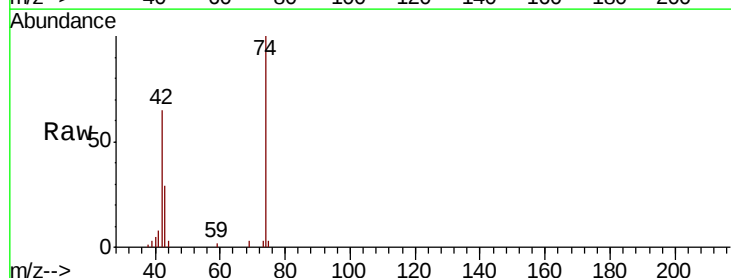
Instrument :
 BNA_F
 ClientSampleId :
 OR-03-101119MS

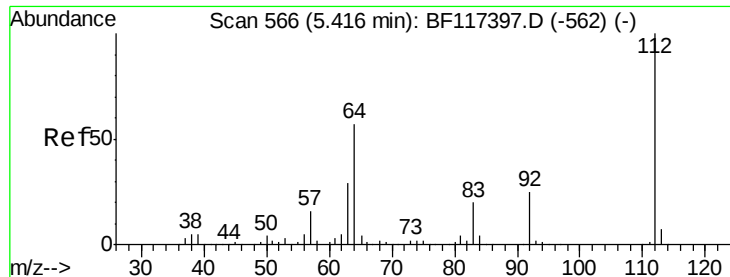
Tot Ion: 79 Resp: 77758
 Ion Ratio Lower Upper
 79 100
 52 48.3 42.7 64.1
 51 27.1 23.8 35.8



#4
 n-Nitrosodimethylamine
 Concen: 49.722 ng
 RT: 3.29 min Scan# 205
 Delta R.T. 0.09 min
 Lab File: BF117412.D
 Acq: 16 Oct 2019 14:39

Tgt Ion: 42 Resp: 50481
 Ion Ratio Lower Upper
 42 100
 74 154.4 116.2 174.4
 44 5.1 4.2 6.4





#5

2-Fluorophenol

Concen: 136.373 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

Instrument :

BNA_F

ClientSampleId :

OR-03-101119MS

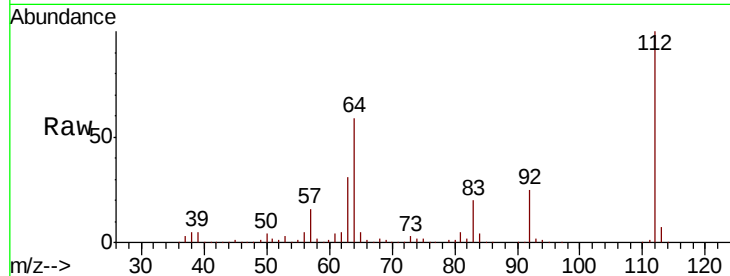
Tot Ion:112 Resp: 375022

Ion Ratio Lower Upper

112 100

64 58.6 45.2 67.8

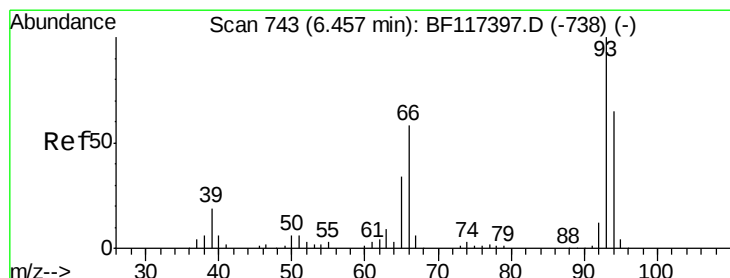
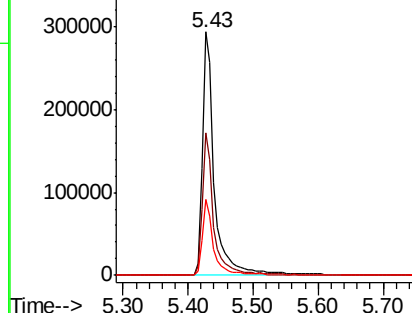
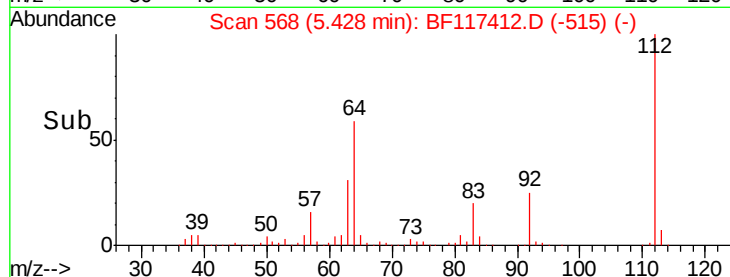
63 31.3 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 9.299 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

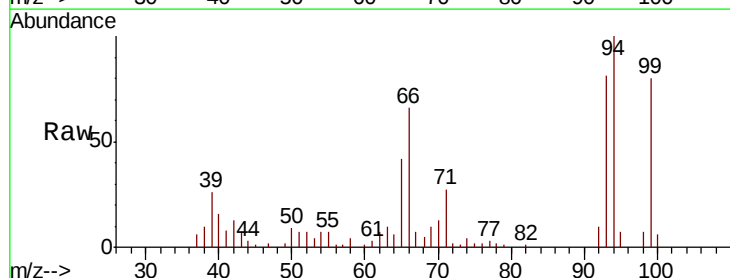
Tgt Ion: 93 Resp: 42386

Ion Ratio Lower Upper

93 100

66 81.3 48.4 72.6#

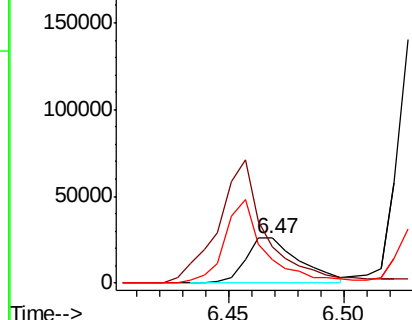
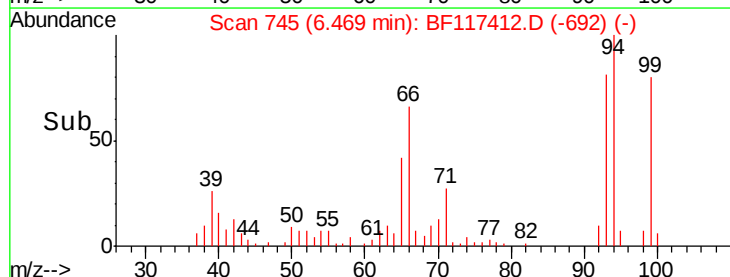
65 52.2 27.8 41.6#

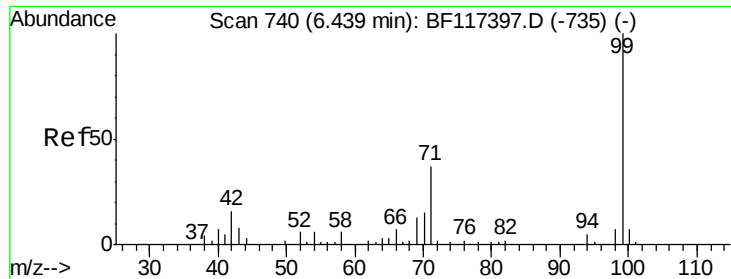


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 136.006 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

Instrument :

BNA_F

ClientSampleId :

OR-03-101119MS

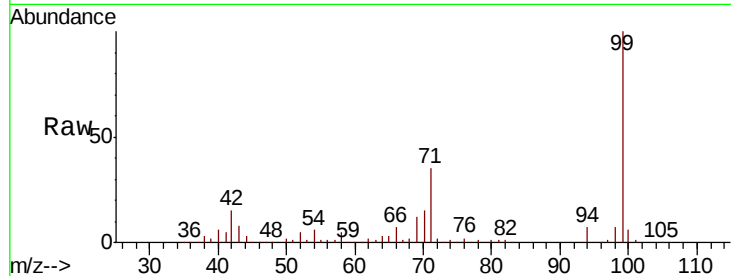
Tot Ion: 99 Resp: 496243

Ion Ratio Lower Upper

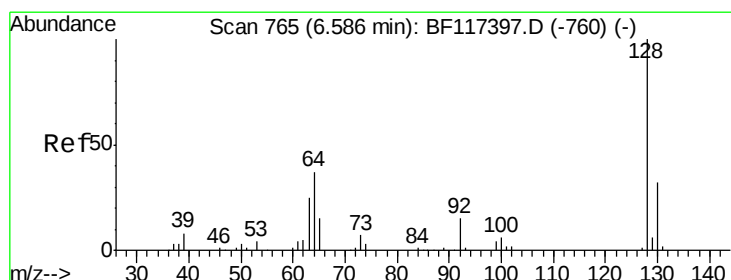
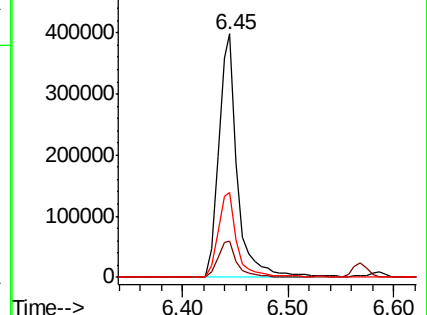
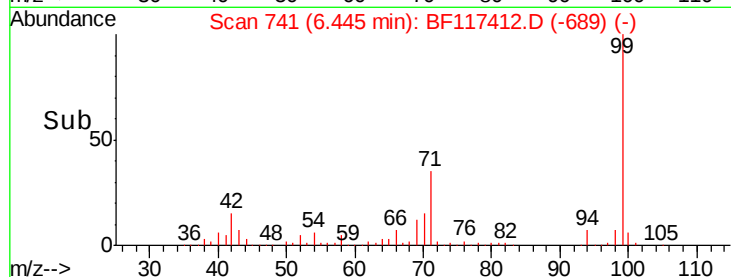
99 100

42 14.9 12.5 18.7

71 35.1 29.2 43.8



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 46.219 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

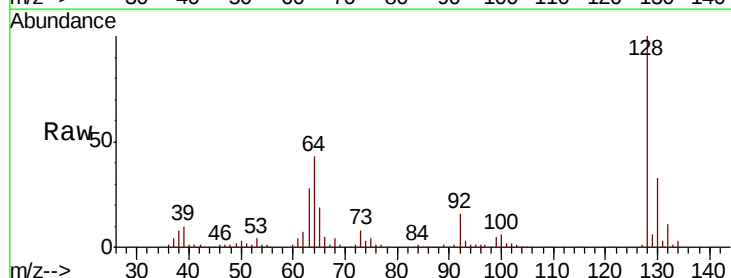
Tgt Ion: 128 Resp: 141308

Ion Ratio Lower Upper

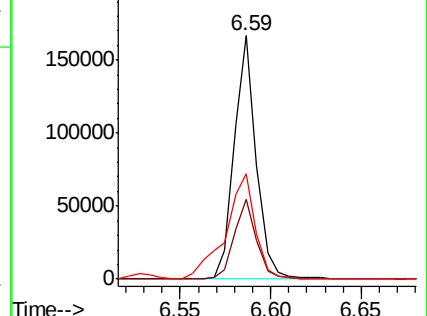
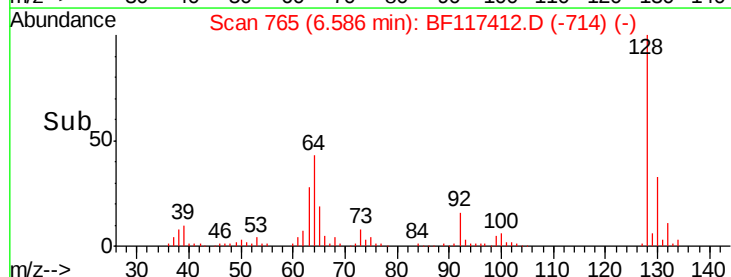
128 100

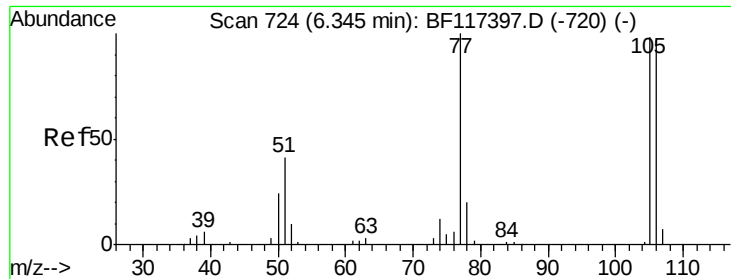
130 32.7 11.7 51.7

64 43.4 20.4 60.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

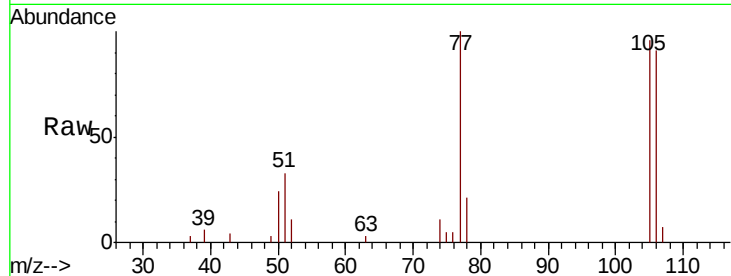




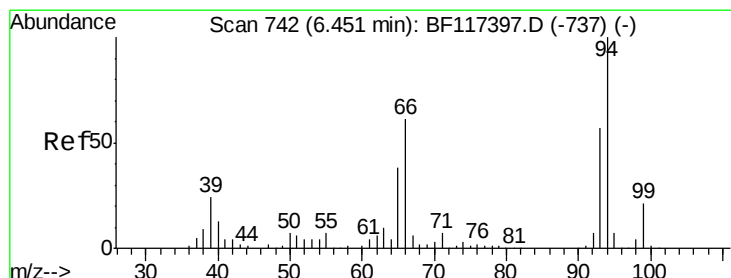
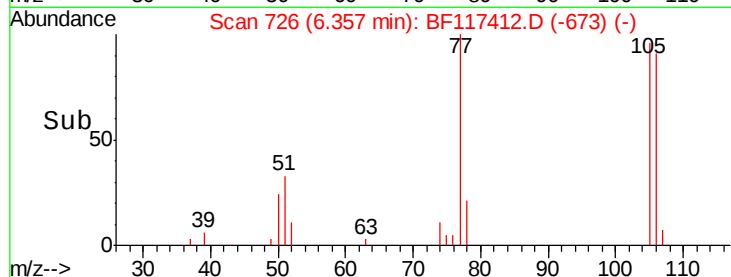
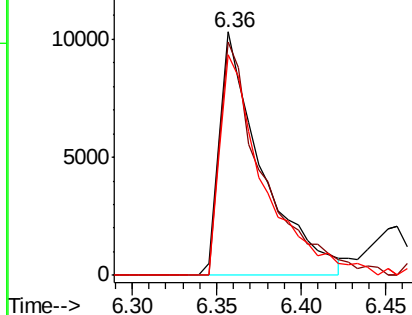
#9
Benzaldehyde
Concen: 5.060 ng
RT: 6.36 min Scan# 726
Delta R.T. 0.01 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

Tot Ion: 77 Resp: 18097
Ion Ratio Lower Upper
77 100
105 95.9 77.9 117.9
106 90.7 77.2 117.2

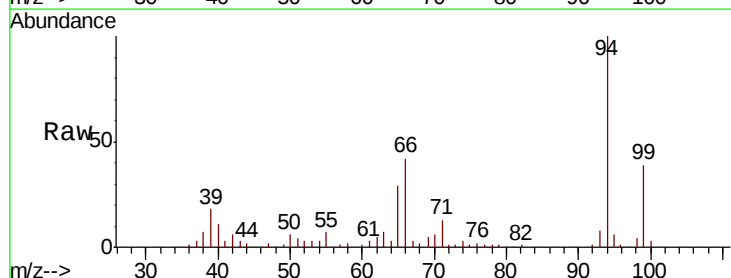


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

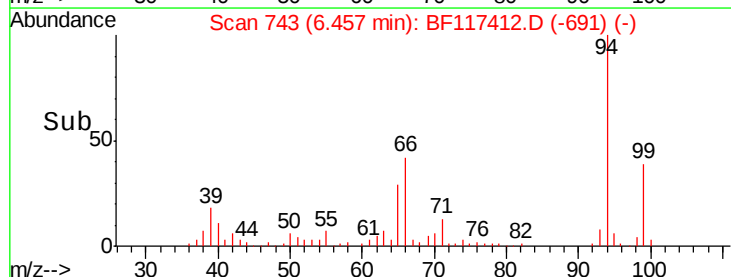
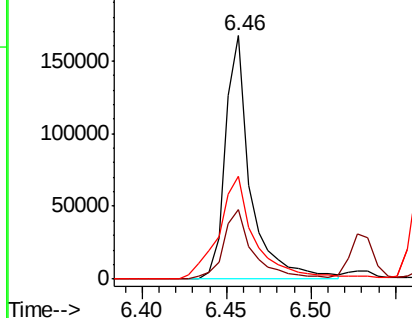


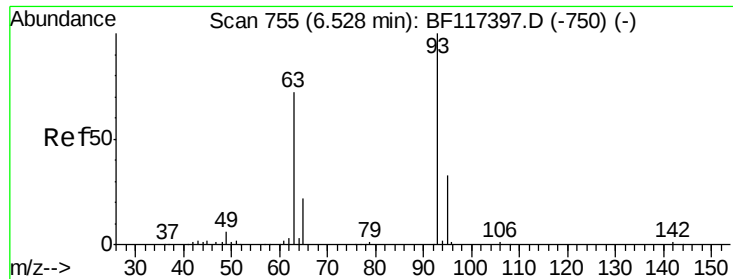
#10
Phenol
Concen: 43.524 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.01 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion: 94 Resp: 171444
Ion Ratio Lower Upper
94 100
65 28.8 18.2 58.2
66 42.4 41.1 81.1



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

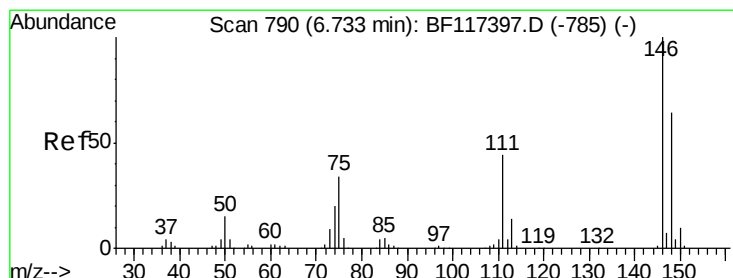
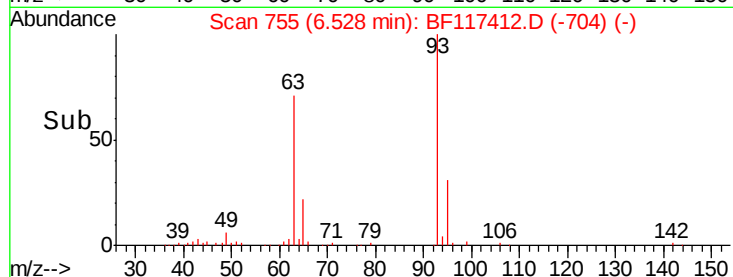
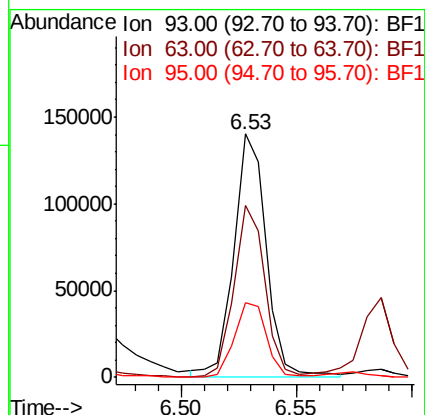
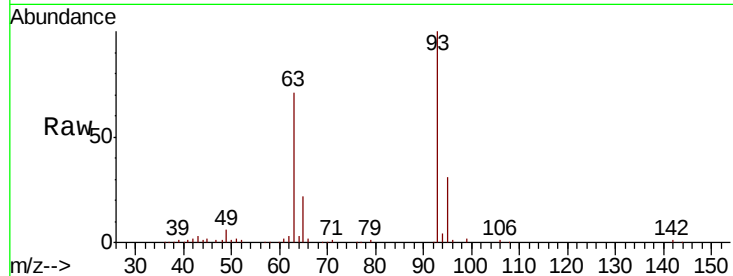




#11
bis(2-Chloroethyl)ether
Concen: 45.869 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

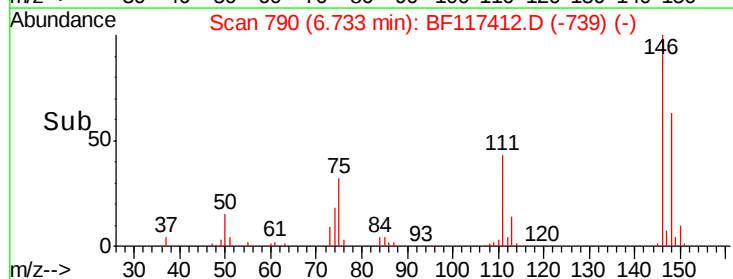
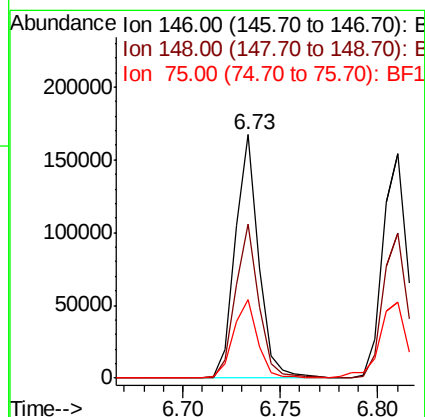
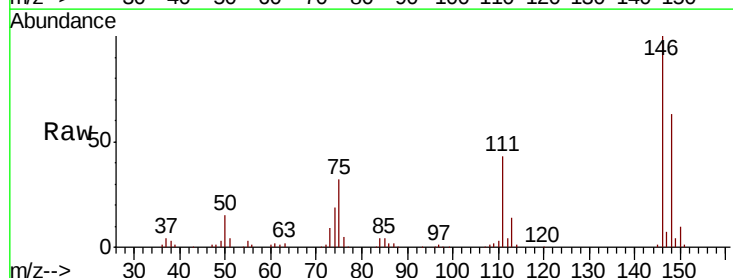
Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

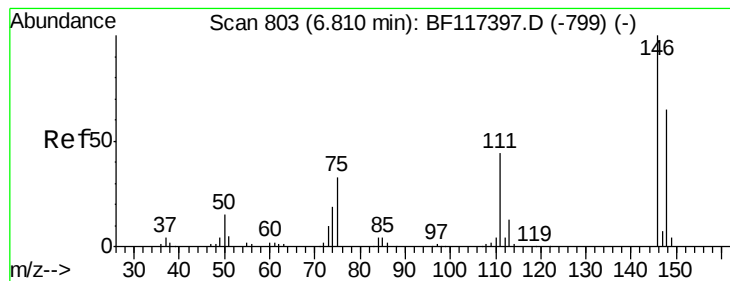
Tot Ion: 93 Resp: 137369
Ion Ratio Lower Upper
93 100
63 70.6 50.9 90.9
95 30.8 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 40.775 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion: 146 Resp: 139411
Ion Ratio Lower Upper
146 100
148 63.5 51.0 76.6
75 32.0 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 40.332 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

Instrument :

BNA_F

ClientSampleId :

OR-03-101119MS

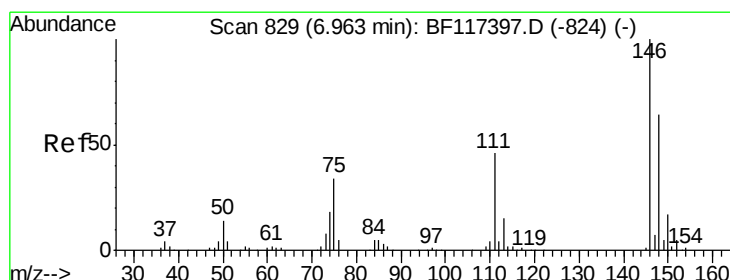
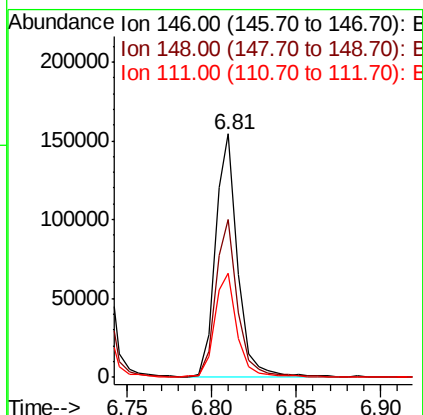
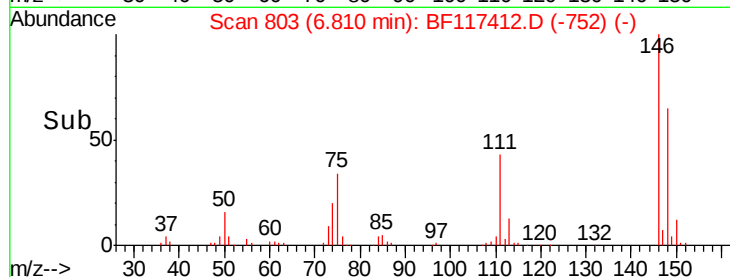
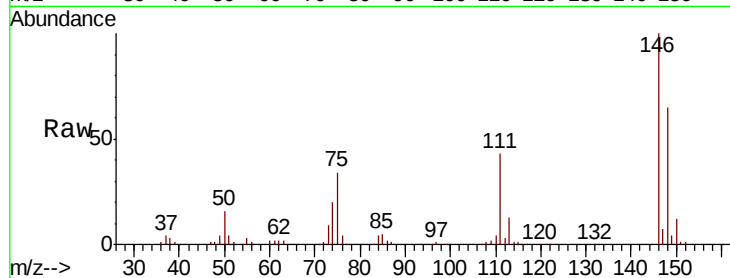
Tot Ion:146 Resp: 140569

Ion Ratio Lower Upper

146 100

148 64.7 52.2 78.2

111 42.8 35.7 53.5



#14

1,2-Dichlorobenzene

Concen: 41.346 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

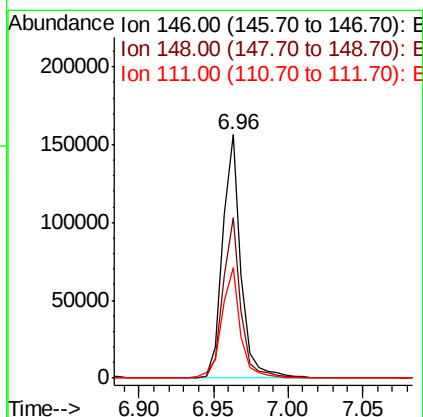
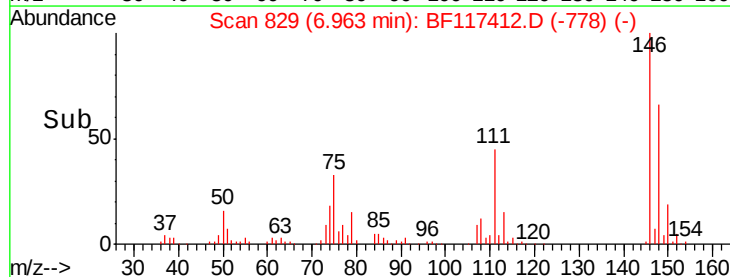
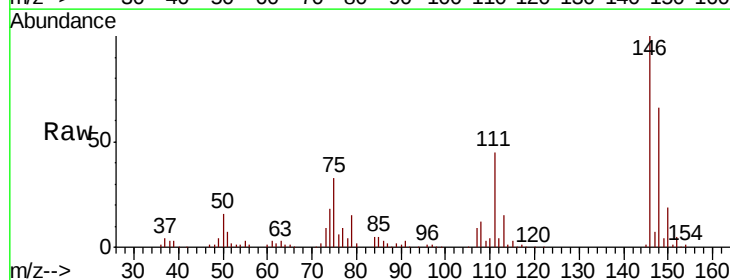
Tgt Ion:146 Resp: 136112

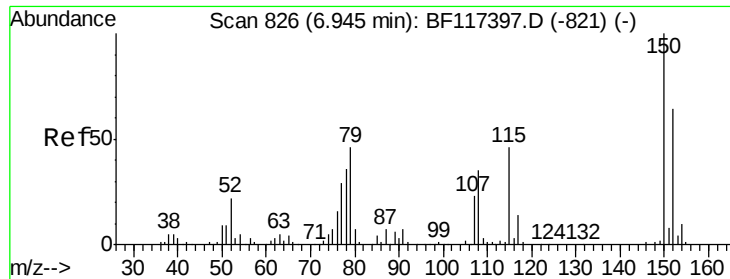
Ion Ratio Lower Upper

146 100

148 66.0 51.0 76.6

111 45.4 36.5 54.7

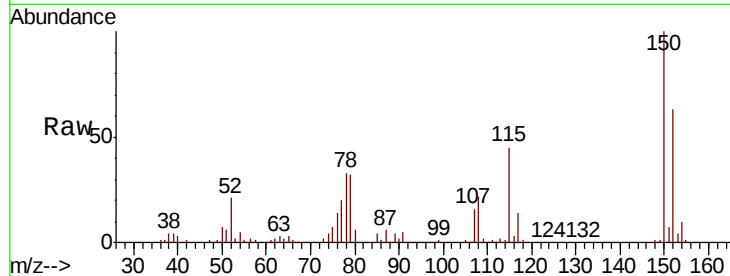




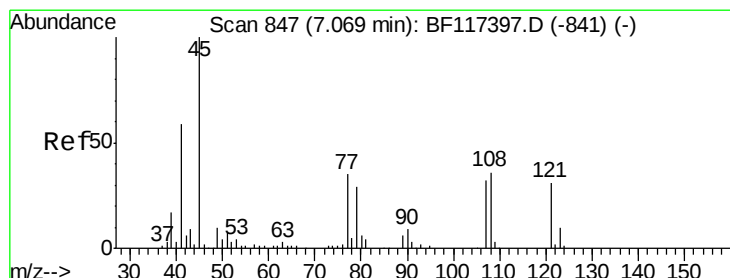
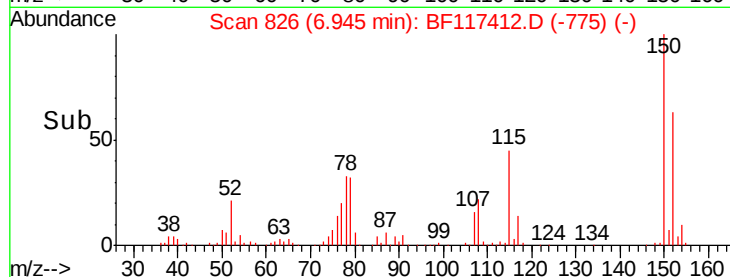
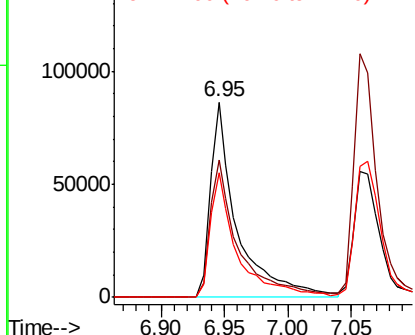
#15
Benzyl Alcohol
Concen: 45.574 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

Tot Ion: 79 Resp: 127220
Ion Ratio Lower Upper
79 100
108 70.5 60.4 90.6
77 64.0 50.6 76.0

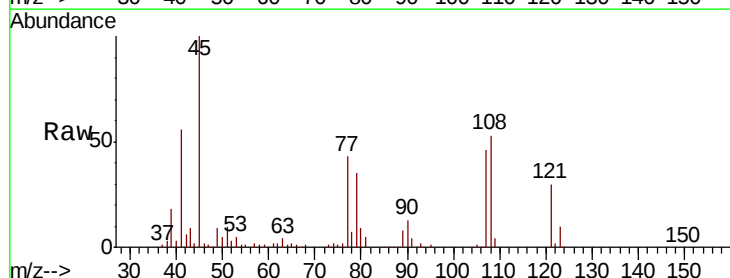


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

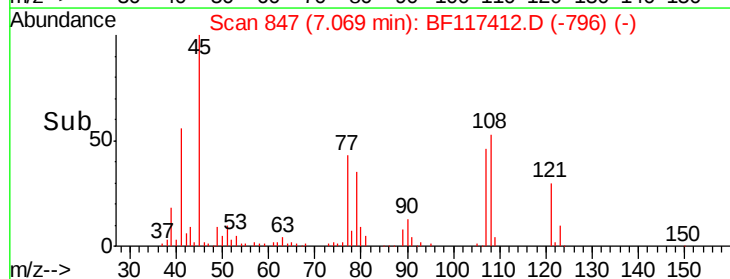
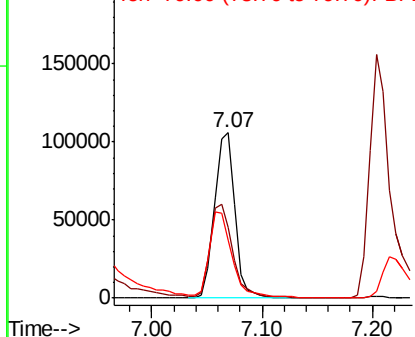


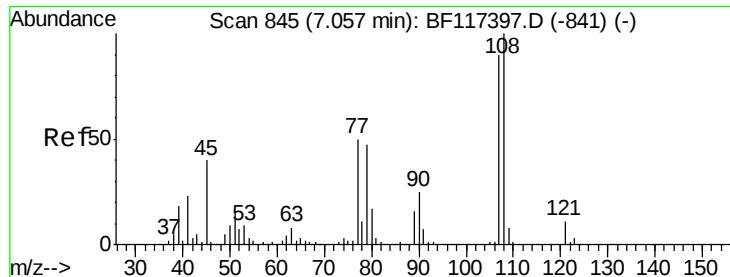
#16
2,2'-oxybis(1-chloropropane)
Concen: 43.027 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion: 45 Resp: 135307
Ion Ratio Lower Upper
45 100
77 42.5 15.9 55.9
79 34.8 10.7 50.7



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

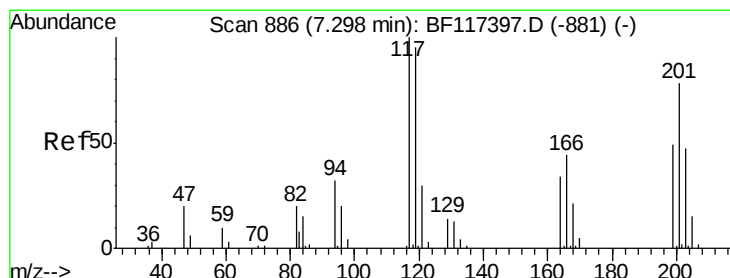
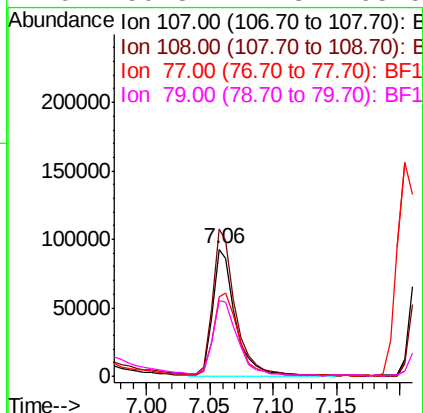
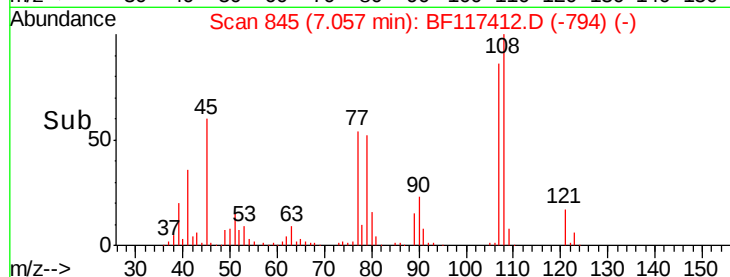
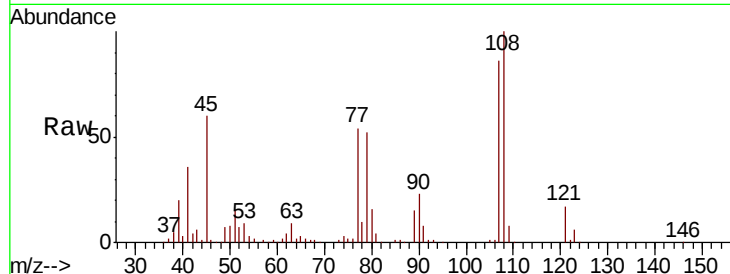




#17
2-Methylphenol
Concen: 46.046 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

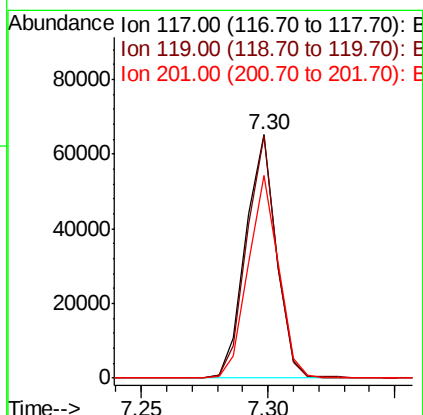
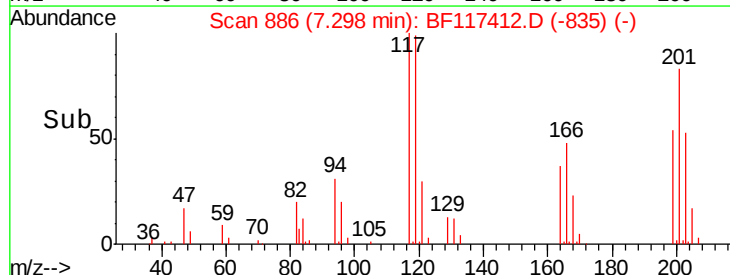
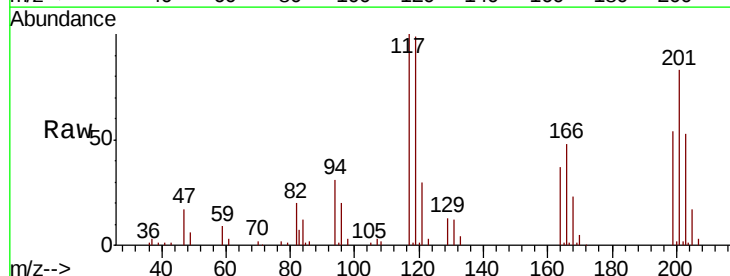
Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

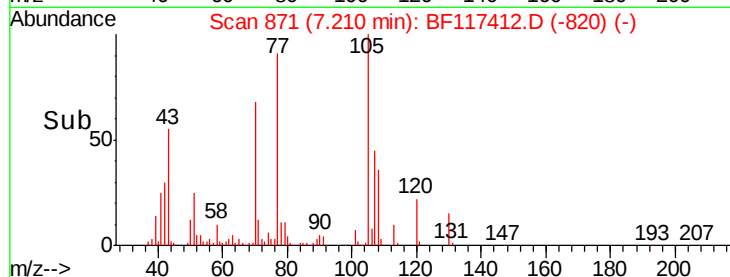
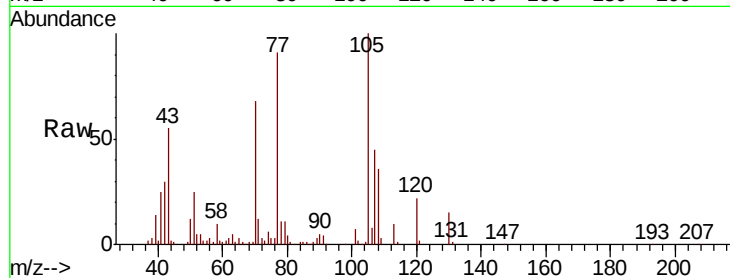
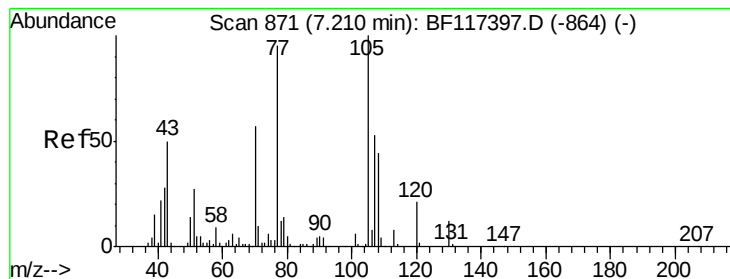
Tot Ion:107 Resp: 117526
Ion Ratio Lower Upper
107 100
108 115.7 89.4 134.2
77 62.3 45.1 67.7
79 59.8 42.3 63.5



#18
Hexachloroethane
Concen: 40.590 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion:117 Resp: 55002
Ion Ratio Lower Upper
117 100
119 99.3 75.7 113.5
201 83.3 62.2 93.4





#19

n-Nitroso-di-n-propylamine

Concen: 45.504 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

Instrument :

BNA_F

ClientSampleId :

OR-03-101119MS

Tot Ion: 70 Resp: 105862

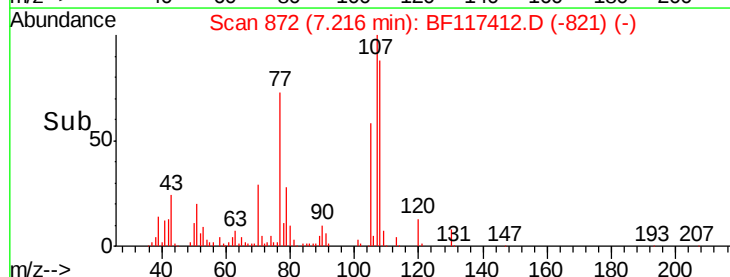
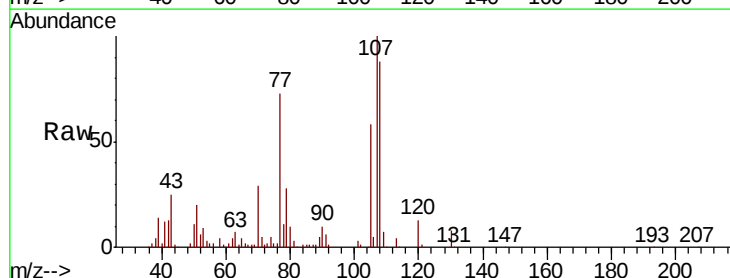
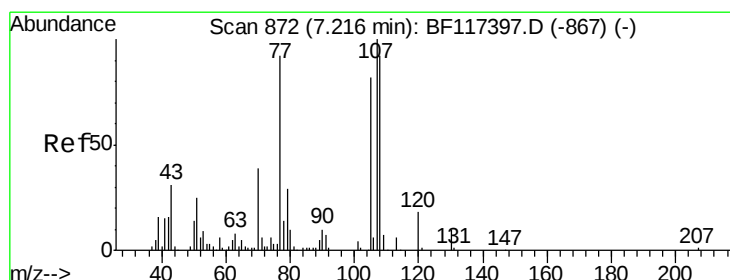
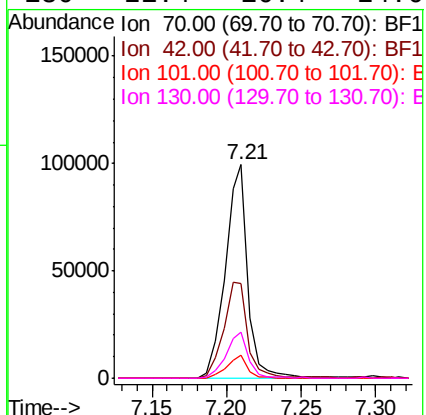
Ion Ratio Lower Upper

70 100

42 44.4 39.8 59.8

101 11.0 8.1 12.1

130 21.4 16.4 24.6



#20

3+4-Methylphenols

Concen: 48.541 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

Tgt Ion: 107 Resp: 159527

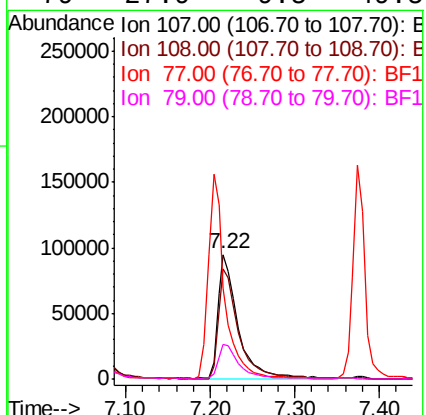
Ion Ratio Lower Upper

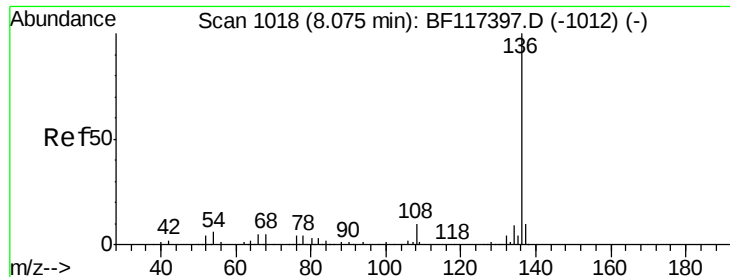
107 100

108 88.0 71.8 111.8

77 72.8 72.7 112.7

79 27.9 9.5 49.5

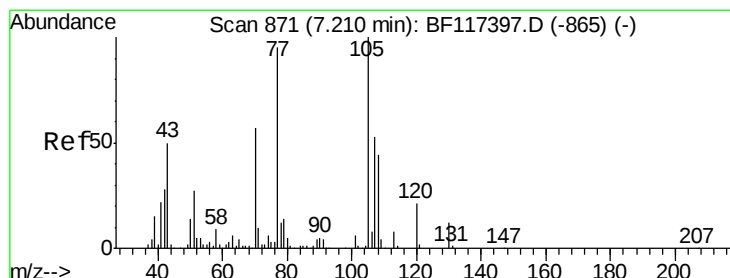
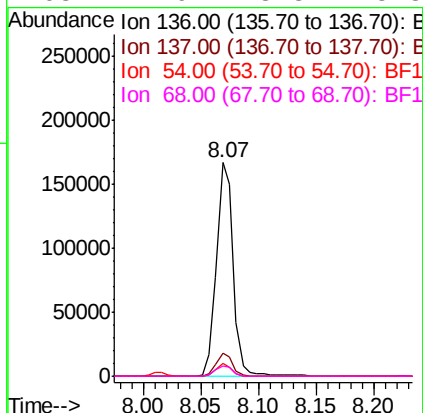
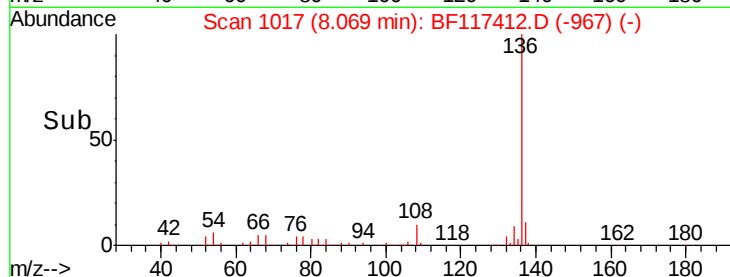
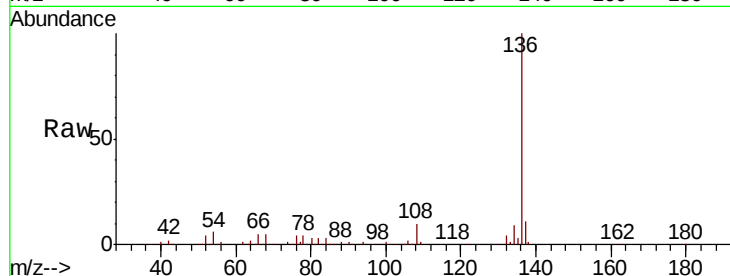




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

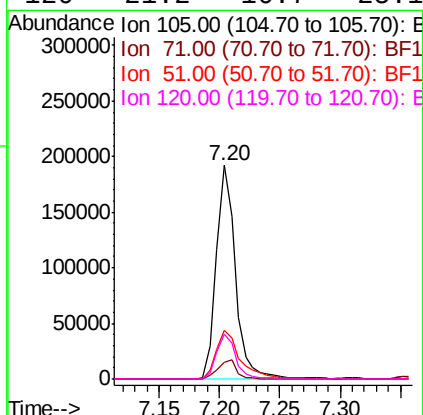
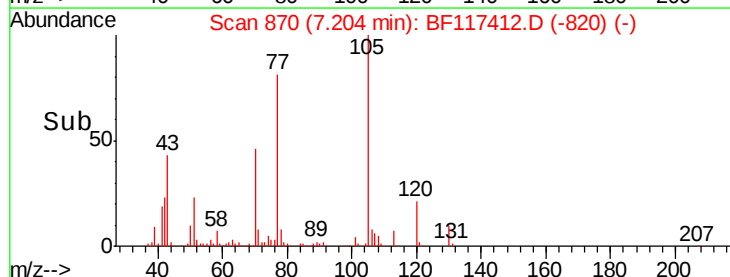
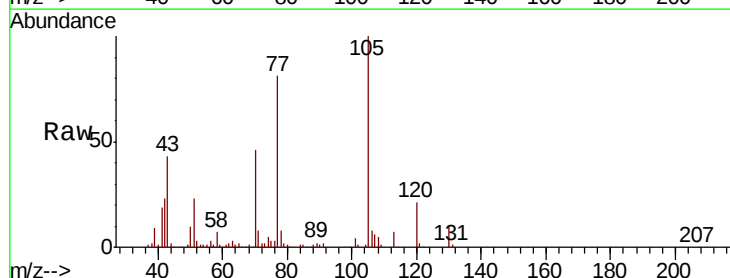
Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

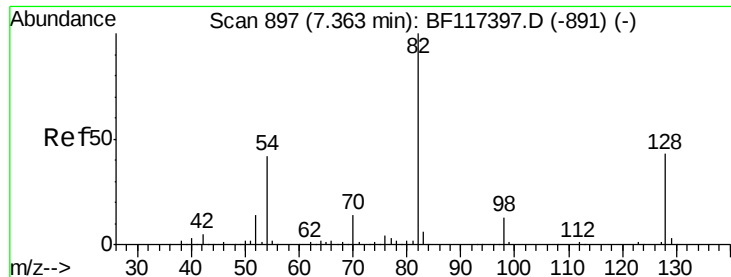
Tot Ion:136	Resp:	167245
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.4 12.6
54	6.0	4.6 6.8
68	4.9	3.8 5.8



#22
Acetophenone
Concen: 47.708 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion:105	Resp:	209372
Ion	Ratio	Lower Upper
105	100	
71	7.8	7.8 11.6
51	22.6	21.5 32.3
120	21.2	16.7 25.1

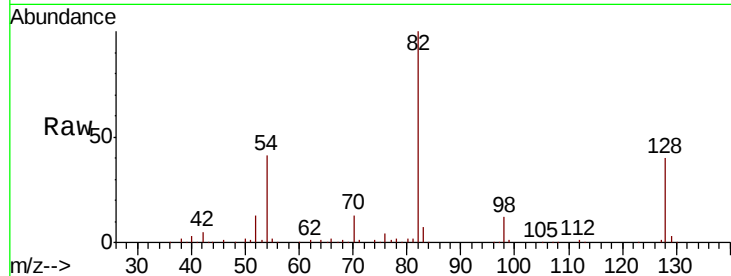




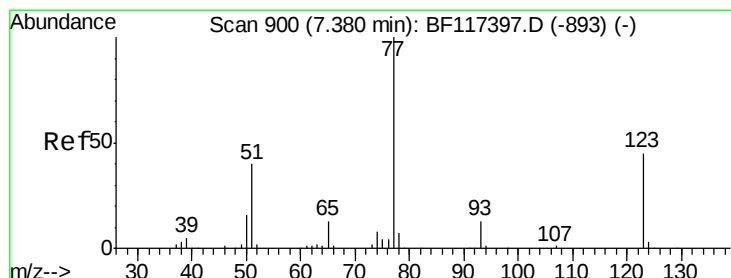
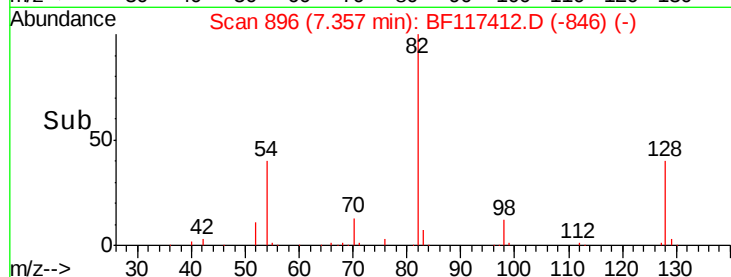
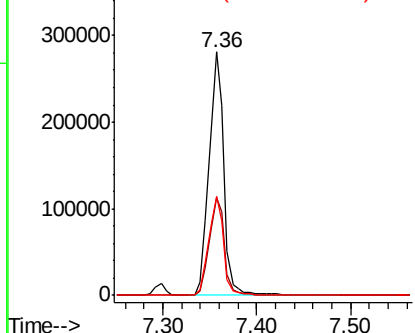
#23
Nitrobenzene-d5
Concen: 95.527 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

Tot Ion: 82 Resp: 315175
Ion Ratio Lower Upper
82 100
128 40.2 34.1 51.1
54 40.9 33.3 49.9

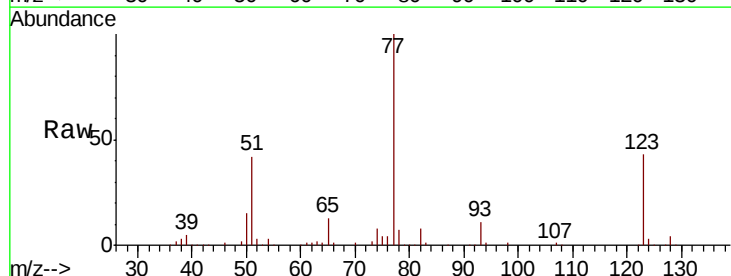


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

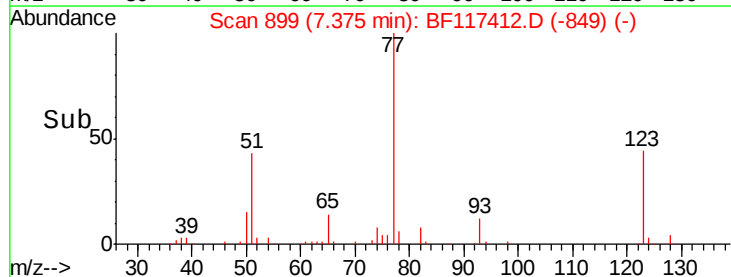
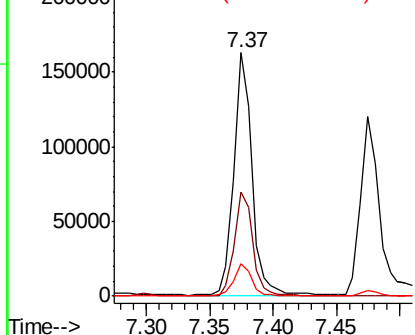


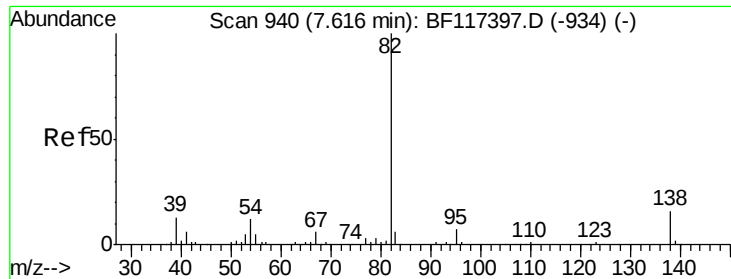
#24
Nitrobenzene
Concen: 49.082 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion: 77 Resp: 162215
Ion Ratio Lower Upper
77 100
123 42.8 35.8 53.8
65 13.1 10.1 15.1



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 49.891 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

Instrument :

BNA_F

ClientSampleId :

OR-03-101119MS

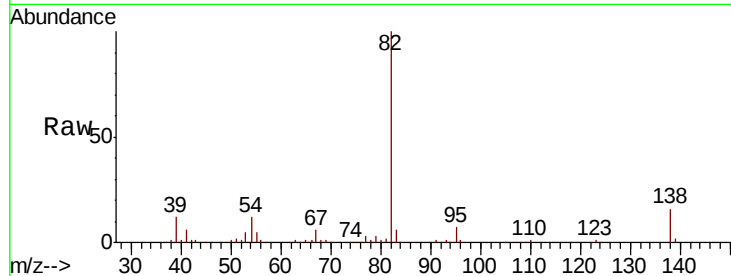
Tot Ion: 82 Resp: 293226

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.0

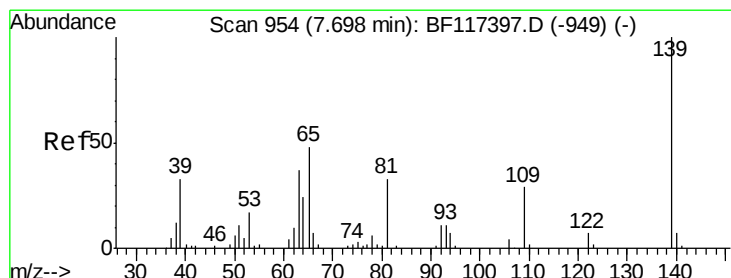
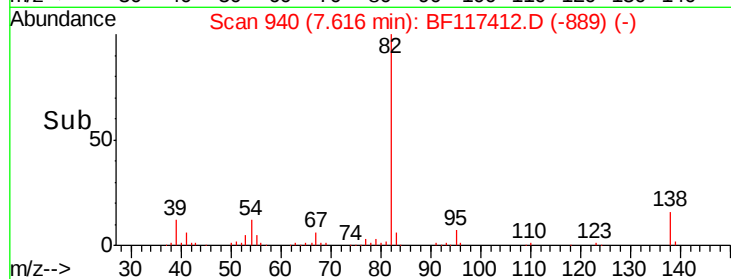
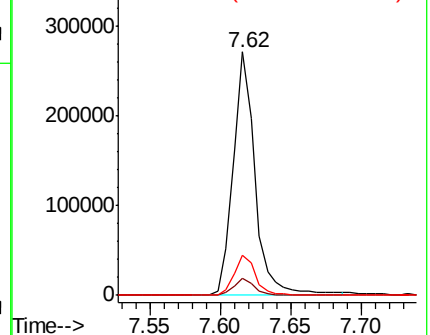
138 16.3 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 50.974 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

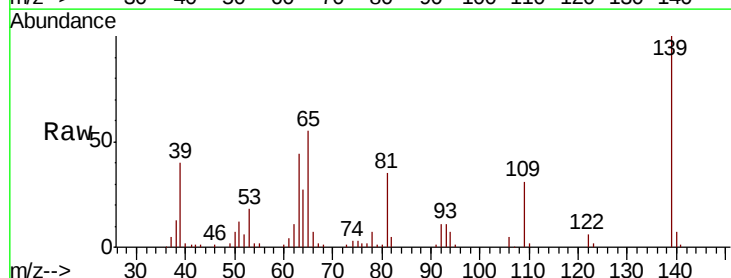
Tgt Ion: 139 Resp: 74746

Ion Ratio Lower Upper

139 100

109 30.9 23.1 34.7

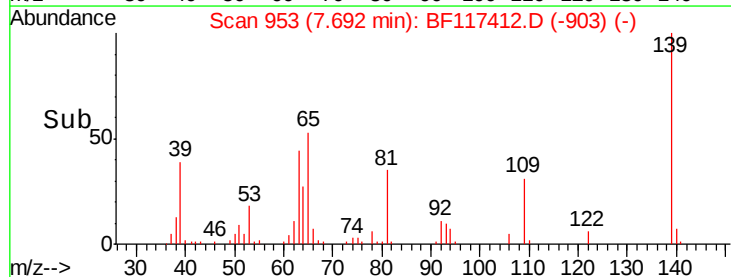
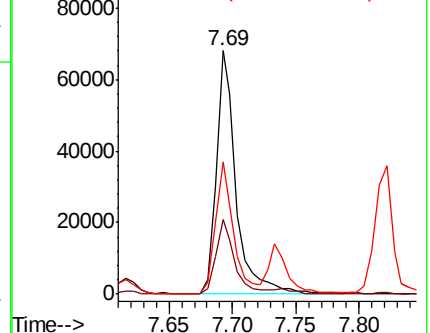
65 54.5 38.2 57.4

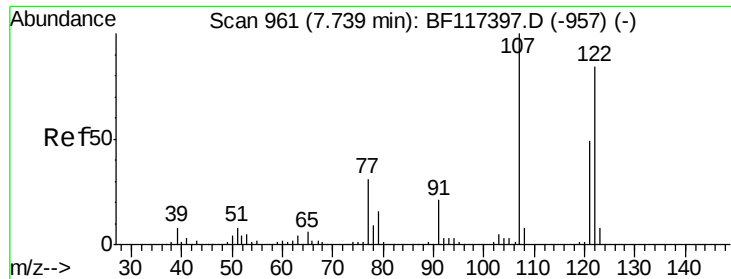


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

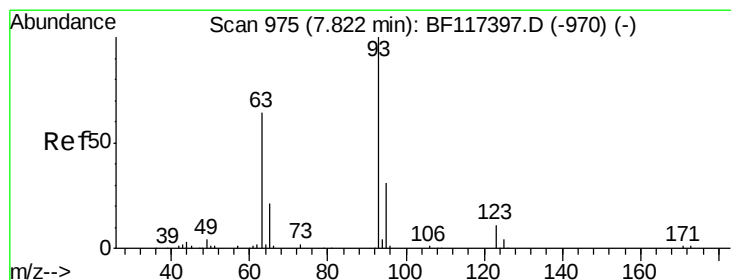
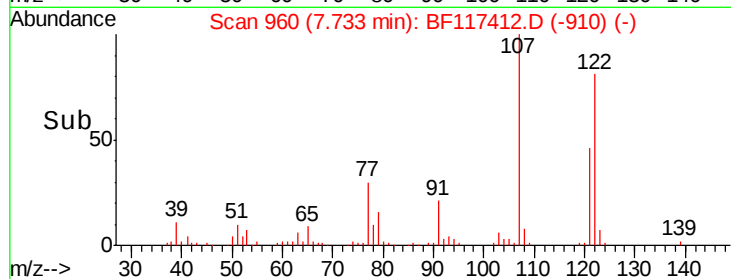
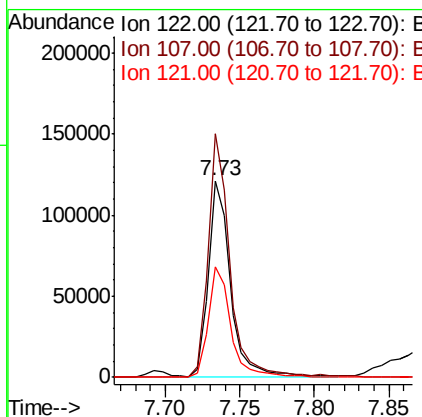
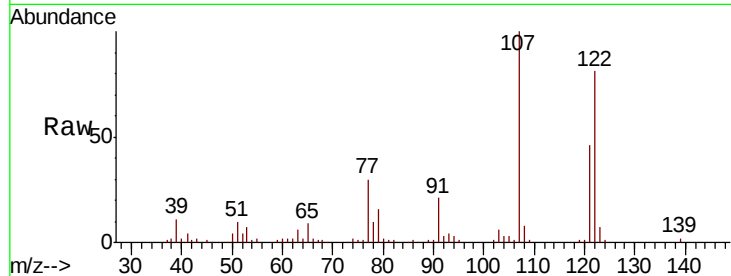




#27
2,4-Dimethylphenol
Concen: 55.897 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

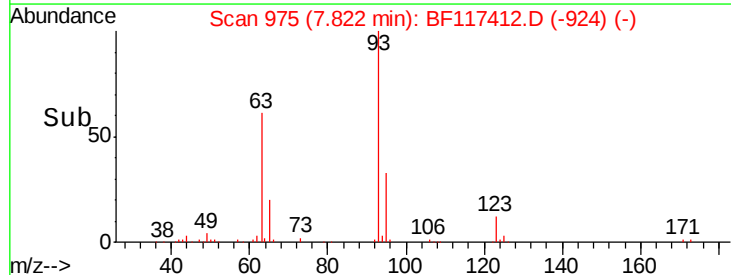
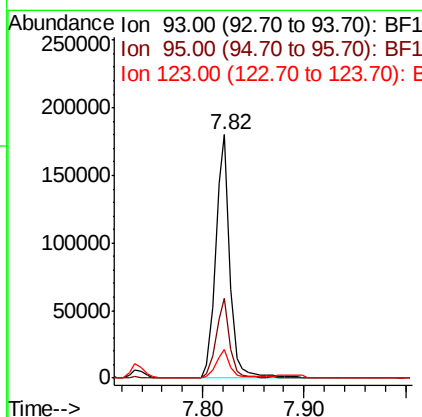
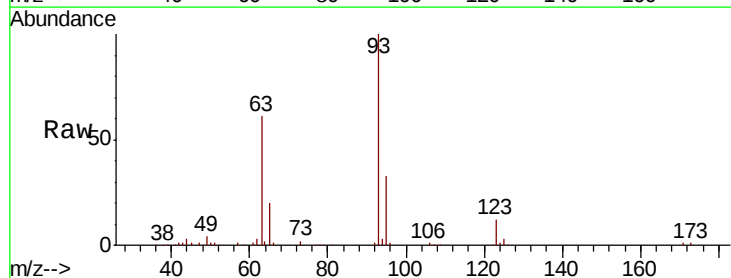
Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

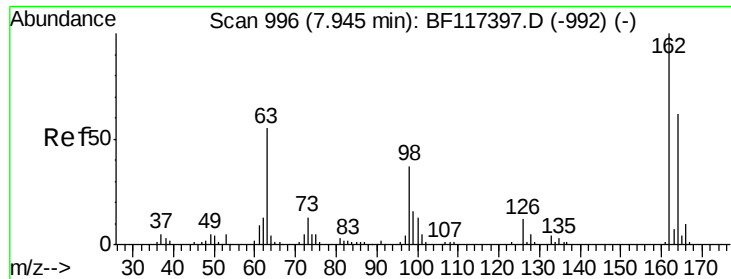
Tot Ion	Ratio	Lower	Upper
122	100		
107	123.9	95.0	142.6
121	56.5	46.6	69.8



#28
bis(2-Chloroethoxy)methane
Concen: 47.941 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.1	37.7
123	11.6	8.6	12.8

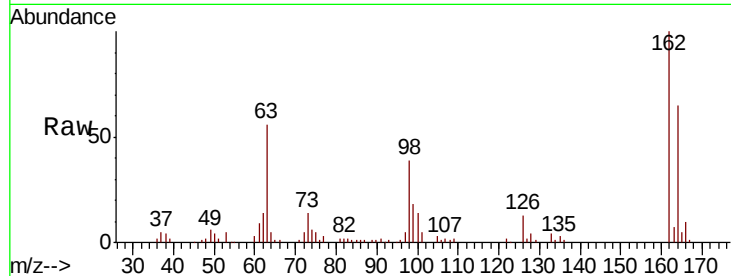




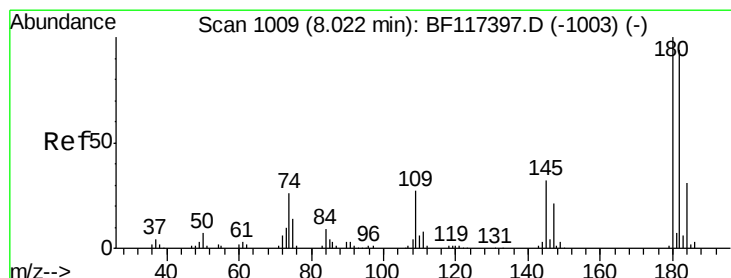
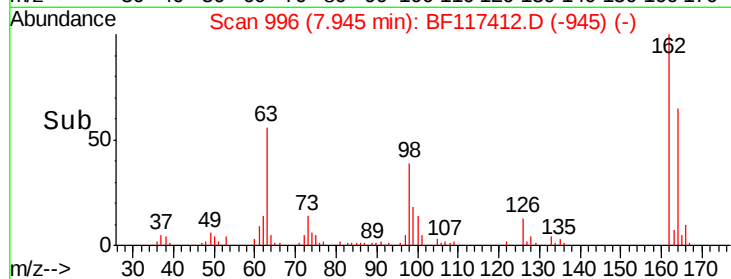
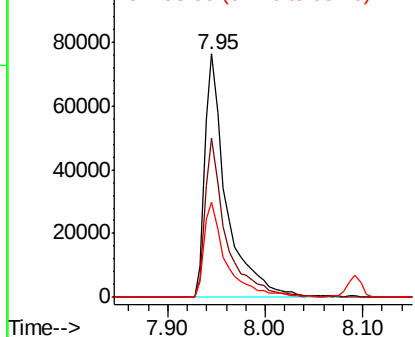
#29
2,4-Dichlorophenol
Concen: 51.133 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

Tot Ion:162 Resp: 117583
Ion Ratio Lower Upper
162 100
164 65.2 42.2 82.2
98 39.2 17.4 57.4

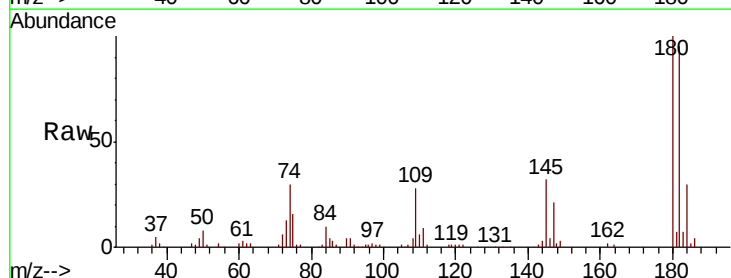


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

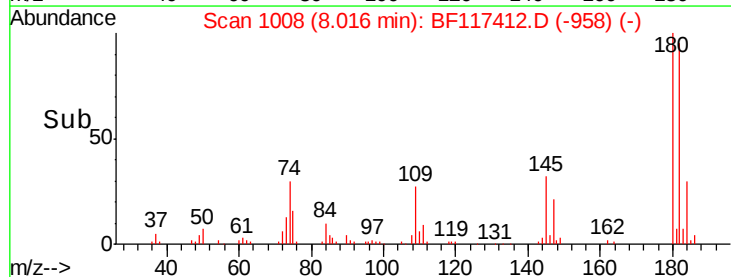
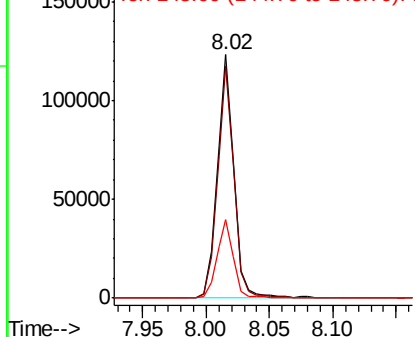


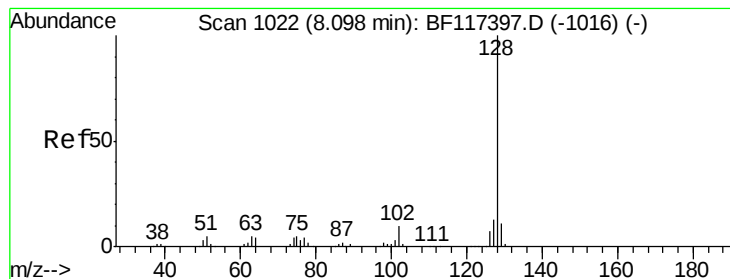
#30
1,2,4-Trichlorobenzene
Concen: 45.909 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion:180 Resp: 113805
Ion Ratio Lower Upper
180 100
182 95.2 75.4 113.2
145 32.4 25.5 38.3



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 49.596 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

Instrument :

BNA_F

ClientSampleId :

OR-03-101119MS

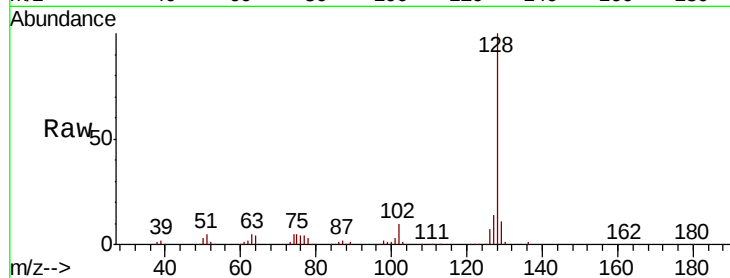
Tot Ion:128 Resp: 414238

Ion Ratio Lower Upper

128 100

129 11.2 8.6 12.8

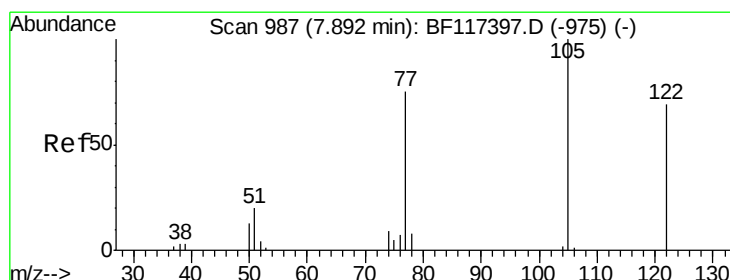
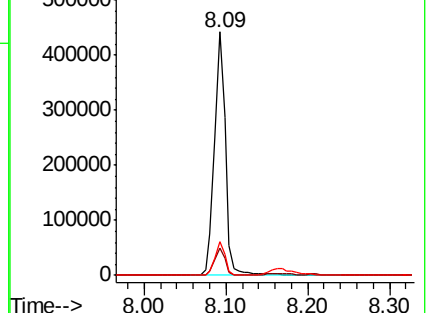
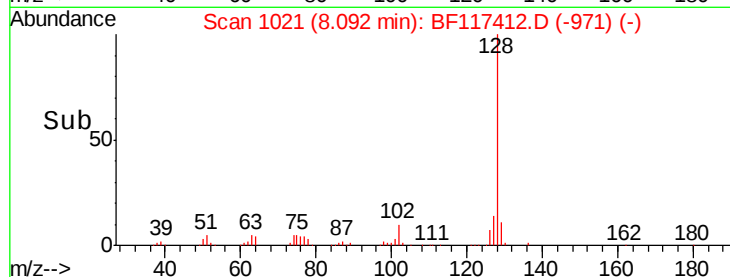
127 13.6 10.4 15.6



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: 50.357 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.01 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

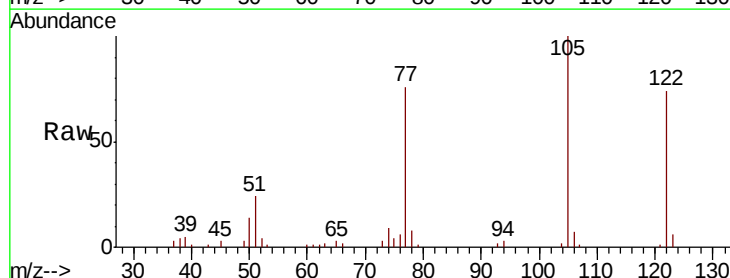
Tgt Ion:122 Resp: 76729

Ion Ratio Lower Upper

122 100

105 135.7 121.5 161.5

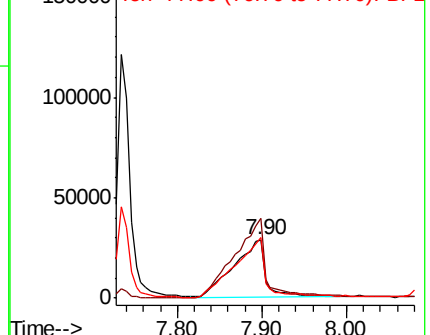
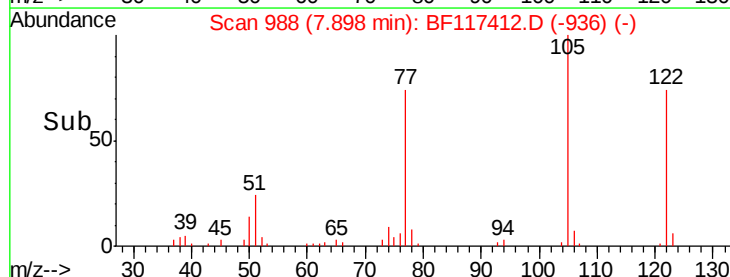
77 103.8 88.3 128.3

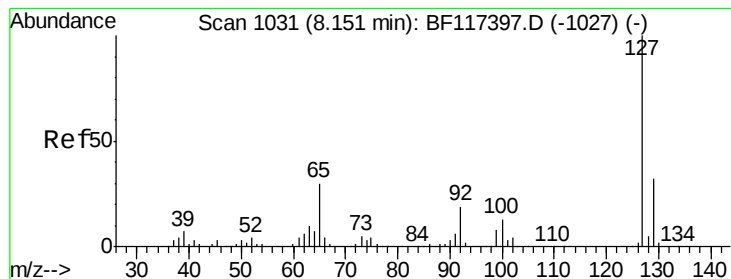


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 8.083 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

Instrument :

BNA_F

ClientSampleId :

OR-03-101119MS

Tot Ion:127 Resp: 28672

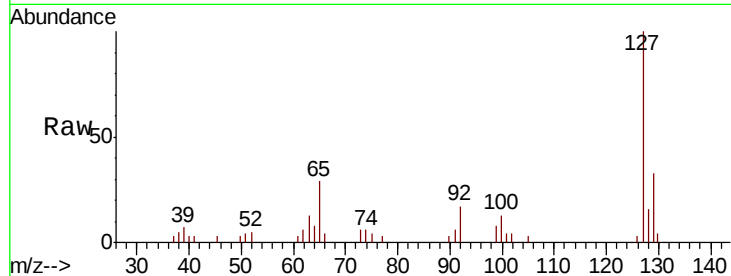
Ion Ratio Lower Upper

127 100

129 33.0 25.4 38.0

65 28.8 23.8 35.8

92 16.7 15.3 22.9

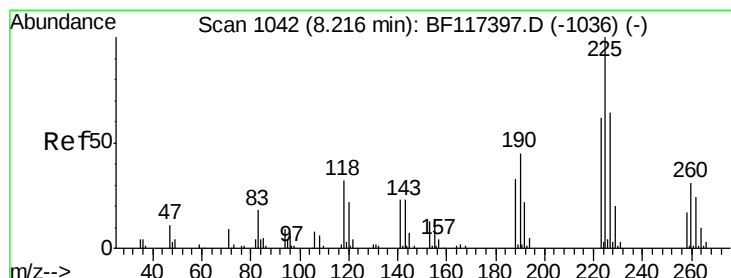
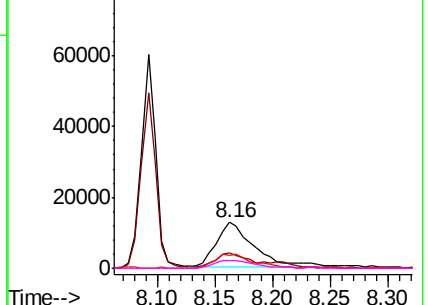
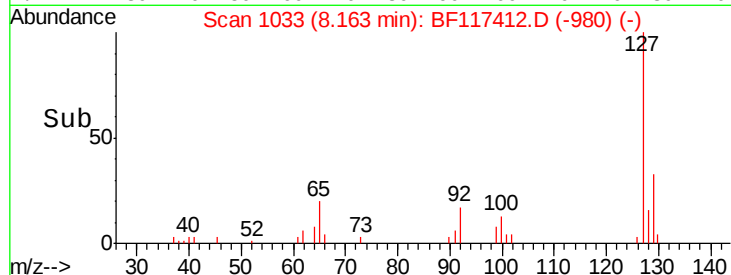


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 44.199 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

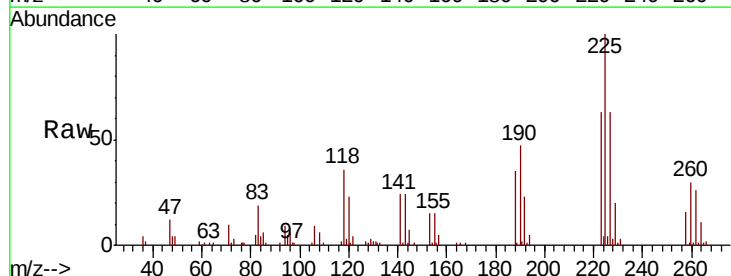
Tgt Ion:225 Resp: 62752

Ion Ratio Lower Upper

225 100

223 62.7 49.7 74.5

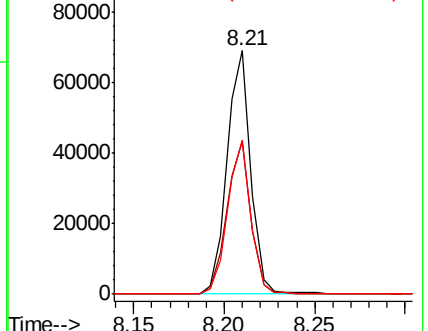
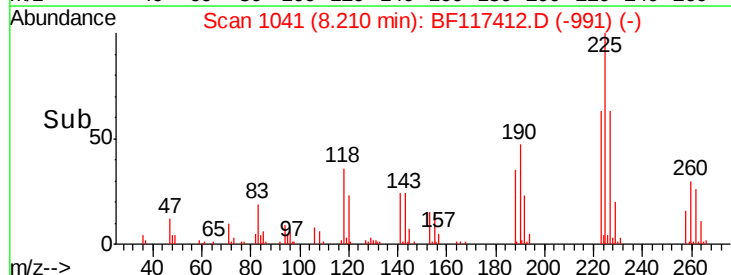
227 63.3 50.9 76.3

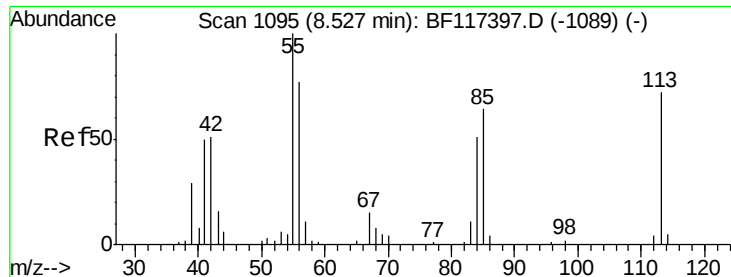


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

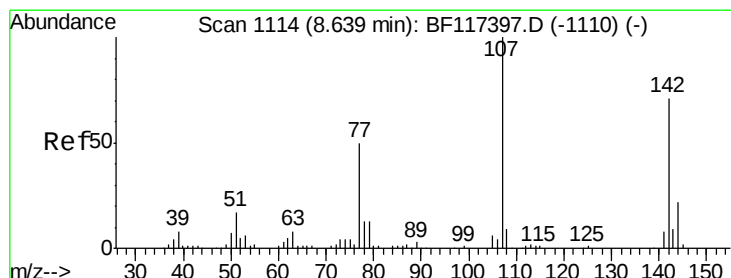
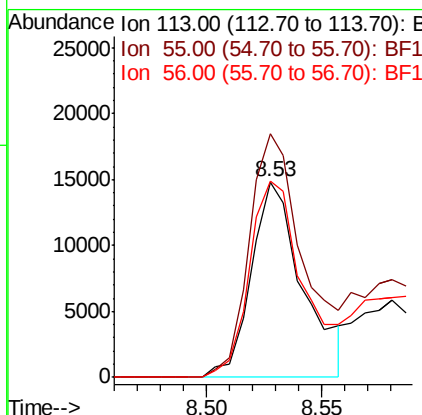
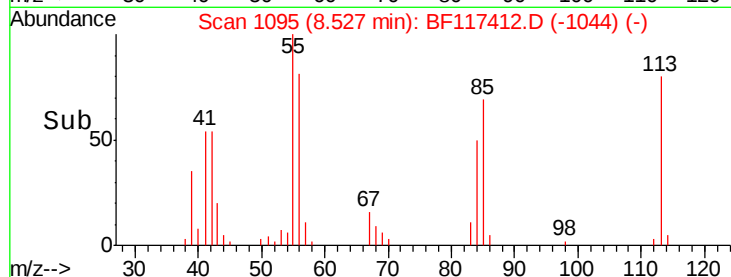
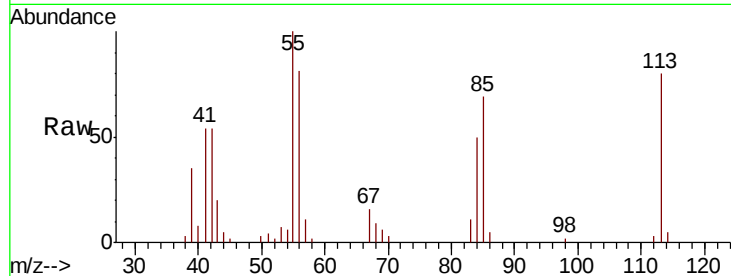




#35
 Caprolactam
 Concen: 31.946 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF117412.D
 Acq: 16 Oct 2019 14:39

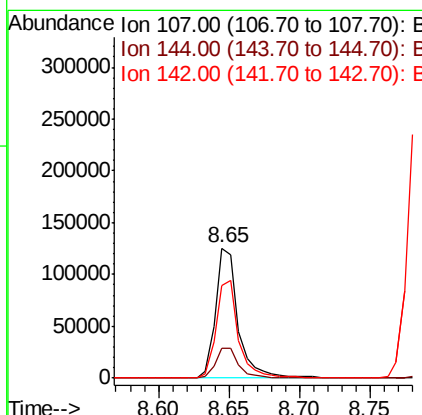
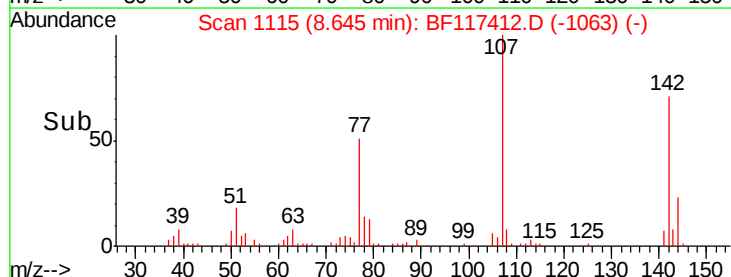
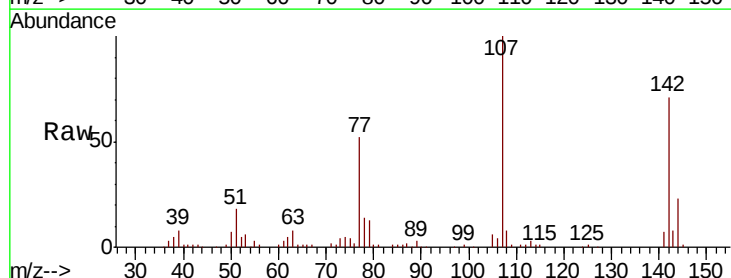
Instrument :
 BNA_F
 ClientSampleId :
 OR-03-101119MS

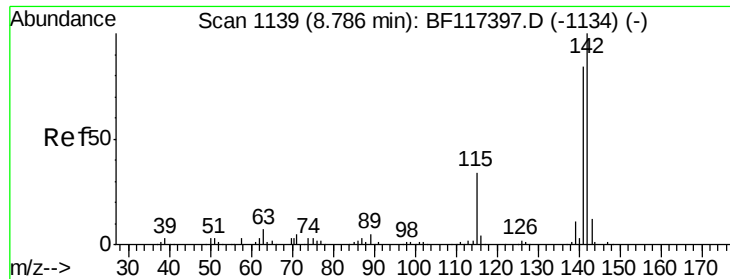
Tot Ion:113 Resp: 23005
 Ion Ratio Lower Upper
 113 100
 55 124.5 118.5 158.5
 56 100.5 86.7 126.7



#36
 4-Chloro-3-methylphenol
 Concen: 53.228 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. 0.01 min
 Lab File: BF117412.D
 Acq: 16 Oct 2019 14:39

Tgt Ion:107 Resp: 139277
 Ion Ratio Lower Upper
 107 100
 144 23.3 17.9 26.9
 142 71.0 56.9 85.3

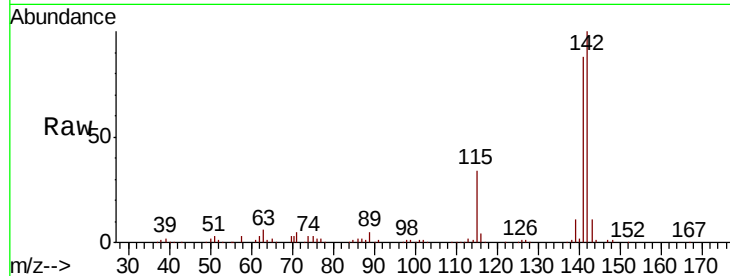




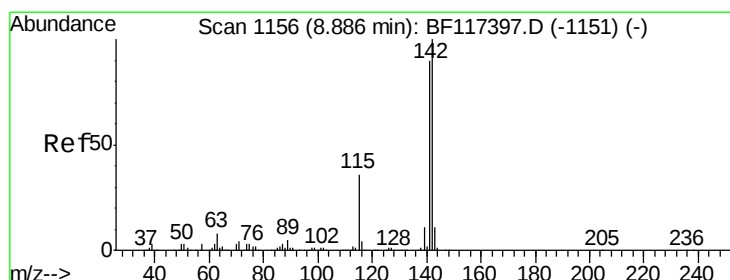
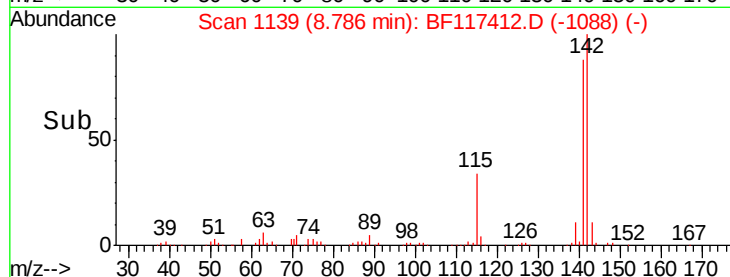
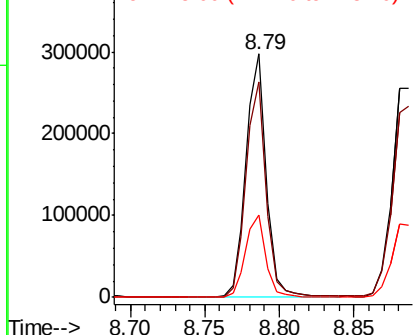
#37
2-Methylnaphthalene
Concen: 49.783 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

Tot Ion:142 Resp: 280773
Ion Ratio Lower Upper
142 100
141 88.4 67.2 100.8
115 33.9 26.9 40.3

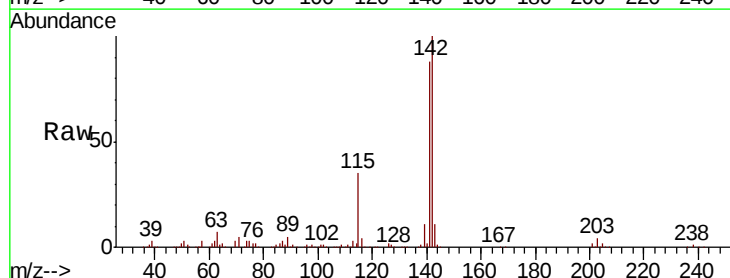


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

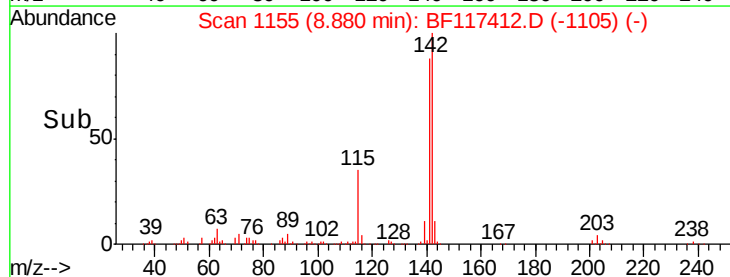
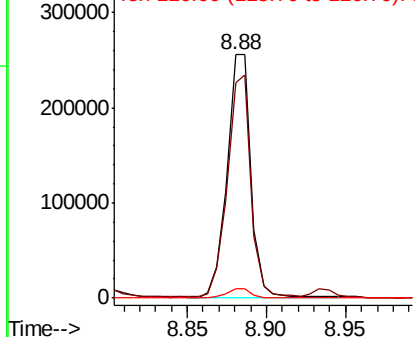


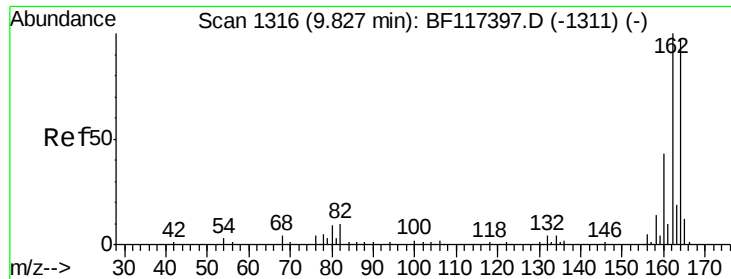
#38
1-Methylnaphthalene
Concen: 49.659 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion:142 Resp: 263881
Ion Ratio Lower Upper
142 100
141 88.3 71.8 107.8
116 3.8 2.9 4.3



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: 9.83 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

Instrument :

BNA_F

ClientSampleId :

OR-03-101119MS

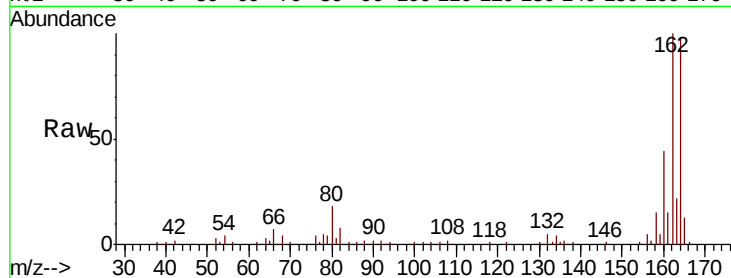
Tot Ion:164 Resp: 87536

Ion Ratio Lower Upper

164 100

162 101.7 82.4 123.6

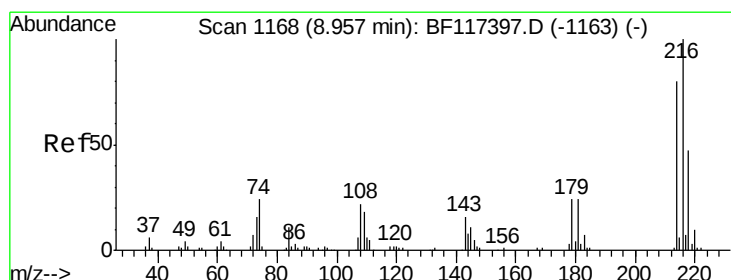
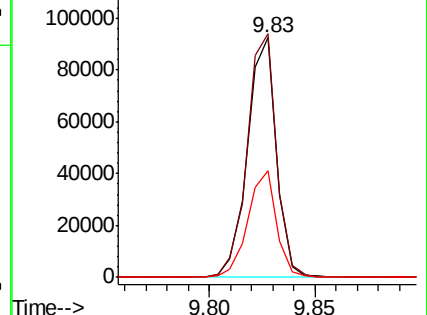
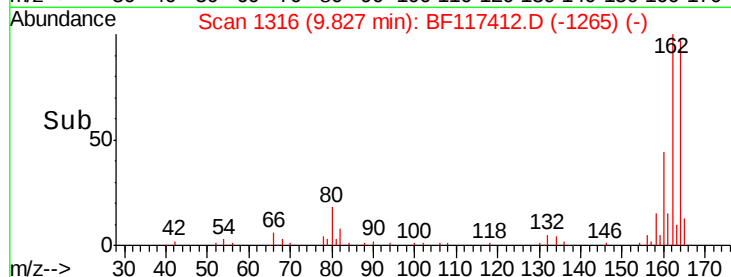
160 44.5 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.345 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

Tgt Ion:216 Resp: 111540

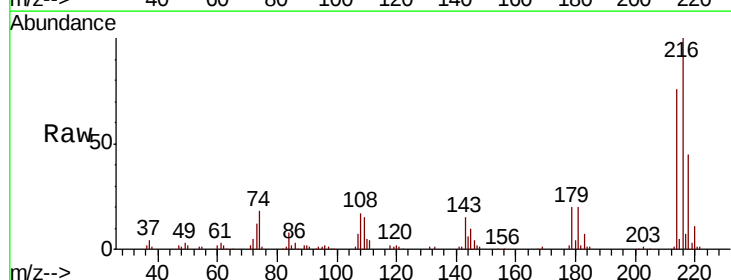
Ion Ratio Lower Upper

216 100

214 78.4 63.8 95.6

179 22.2 18.6 28.0

108 21.7 17.0 25.4

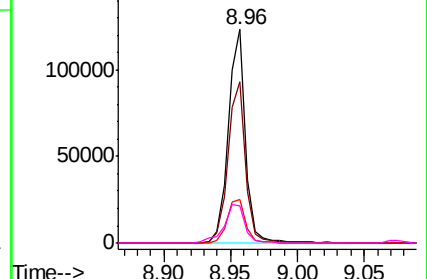
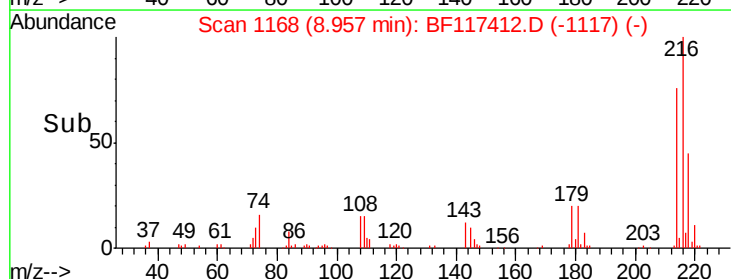


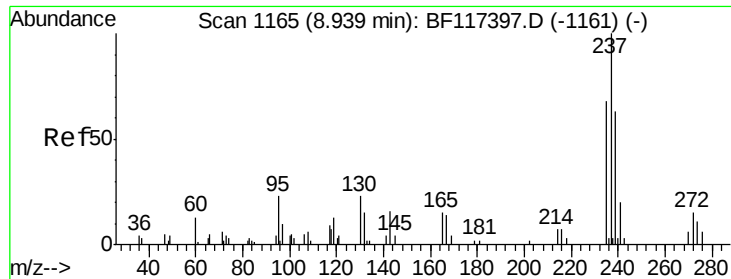
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 123.193 ng

RT: 8.94 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

Instrument :

BNA_F

ClientSampleId :

OR-03-101119MS

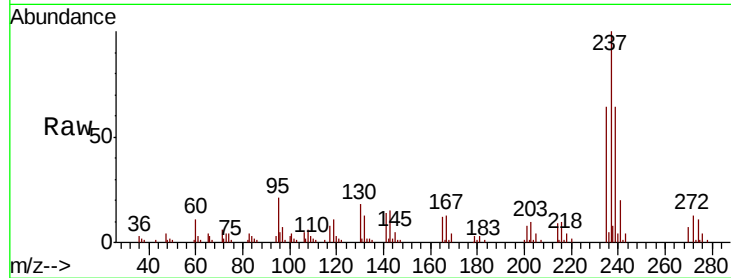
Tot Ion:237 Resp: 54196

Ion Ratio Lower Upper

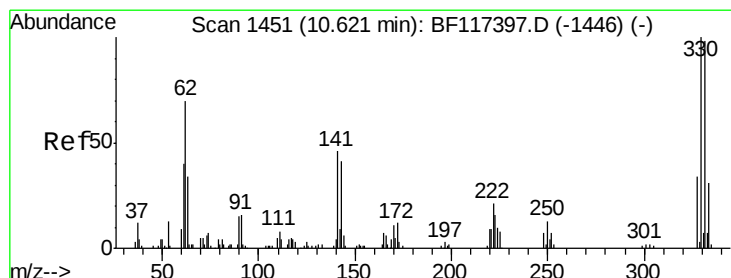
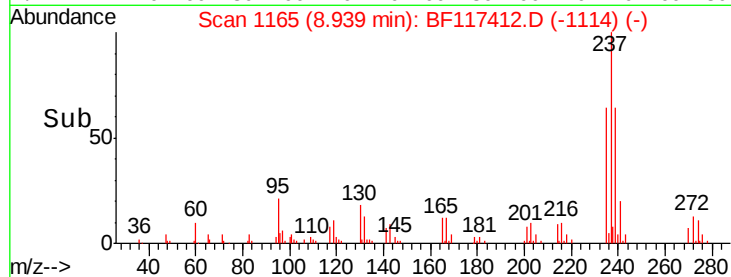
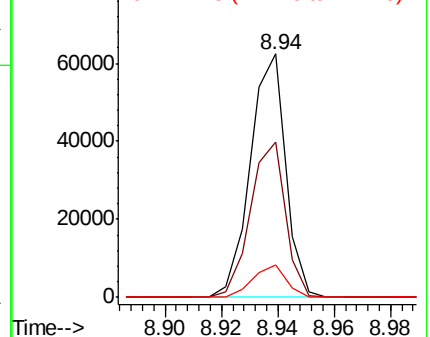
237 100

235 63.7 47.8 87.8

272 13.3 0.0 35.0



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



#42

2,4,6-Tribromophenol

Concen: 155.824 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

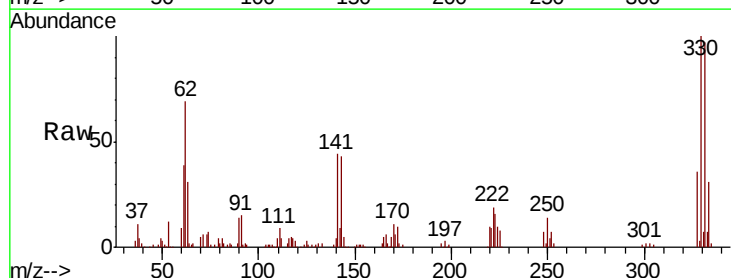
Tgt Ion:330 Resp: 111013

Ion Ratio Lower Upper

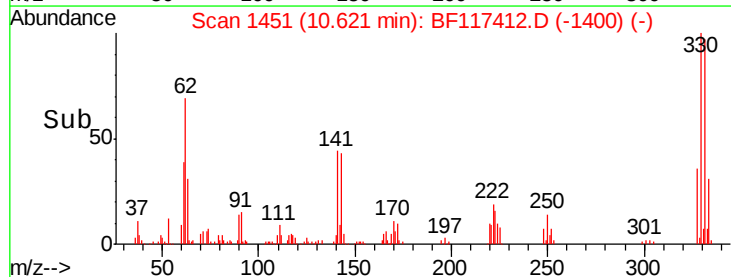
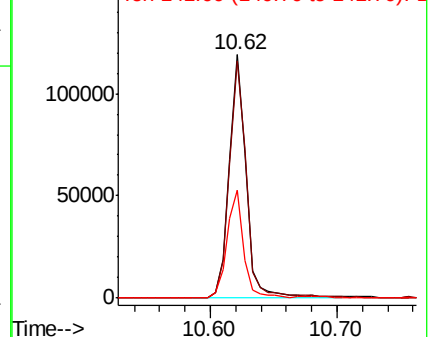
330 100

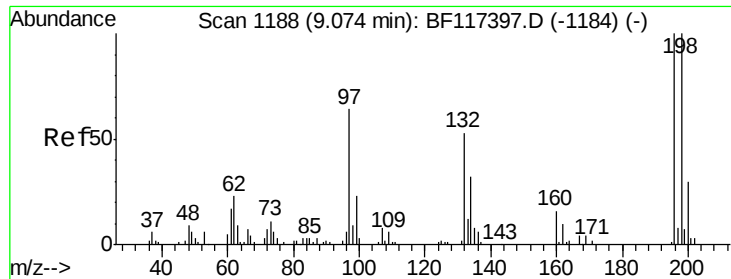
332 98.9 75.0 112.6

141 43.8 34.2 51.4



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

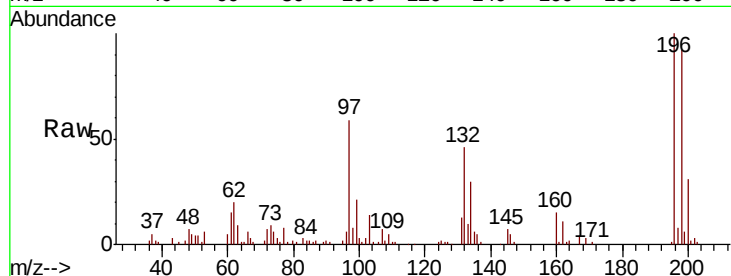




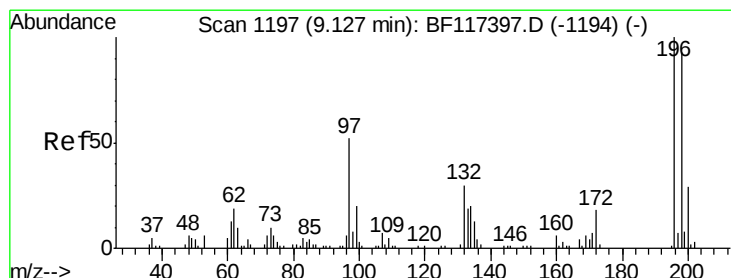
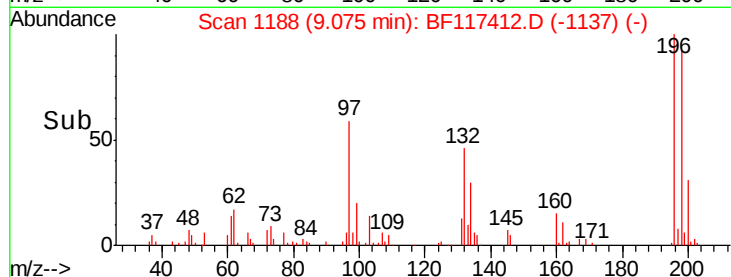
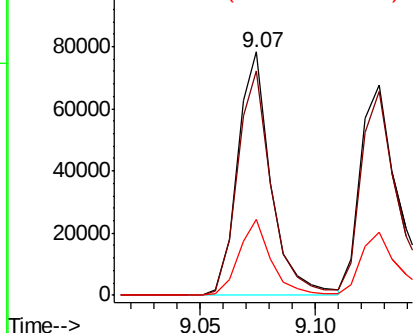
#43
 2,4,6-Trichlorophenol
 Concen: 52.736 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF117412.D
 Acq: 16 Oct 2019 14:39

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-101119MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.2	79.8	119.6
200	31.1	23.7	35.5



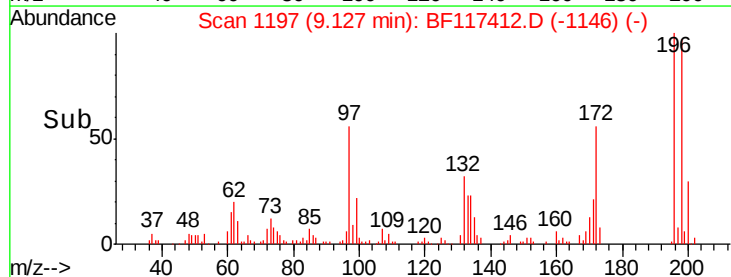
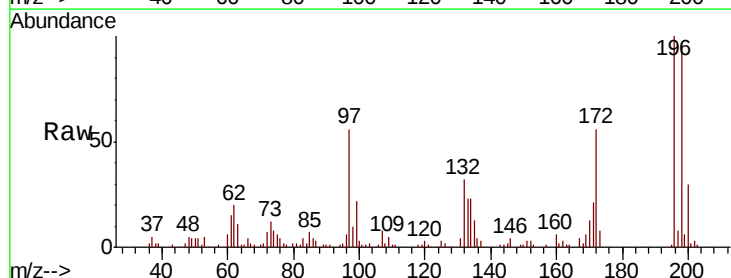
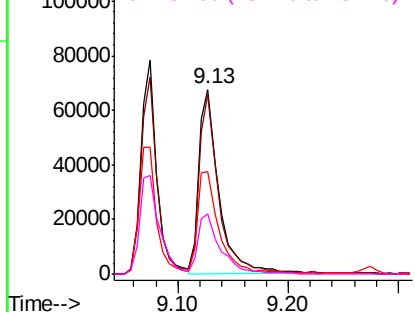
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

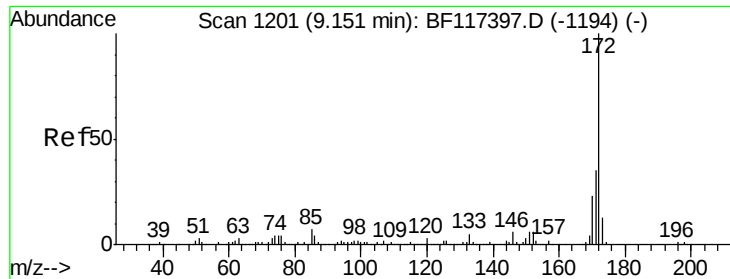


#44
 2,4,5-Trichlorophenol
 Concen: 54.073 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF117412.D
 Acq: 16 Oct 2019 14:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.9	74.9	112.3
97	55.6	42.5	63.7
132	32.4	24.7	37.1

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

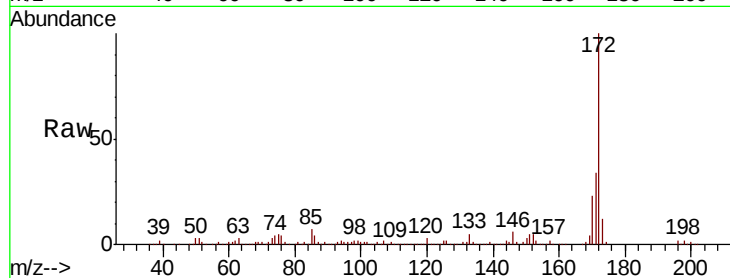




#45
2-Fluorobiphenyl
Concen: 96.019 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.2	42.2
170	22.7	18.2	27.2

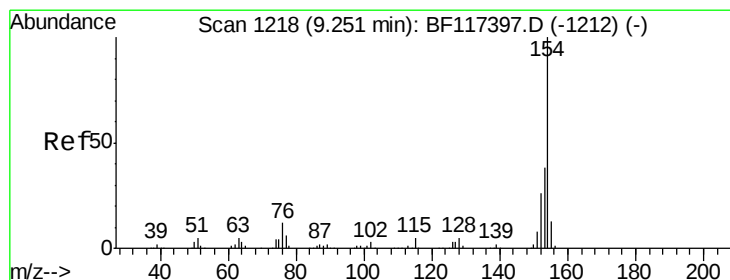
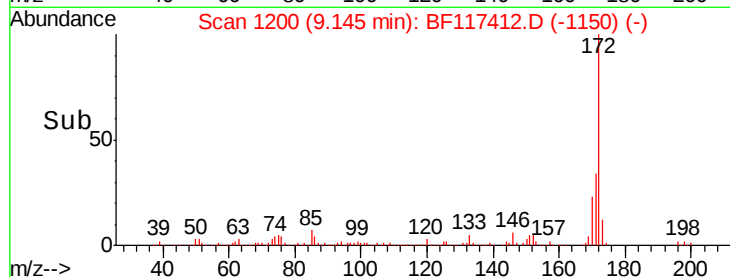
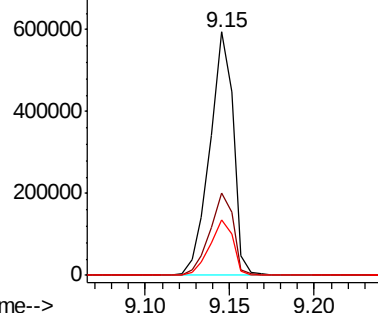


Abundance

Ion 172.00 (171.70 to 172.70): E

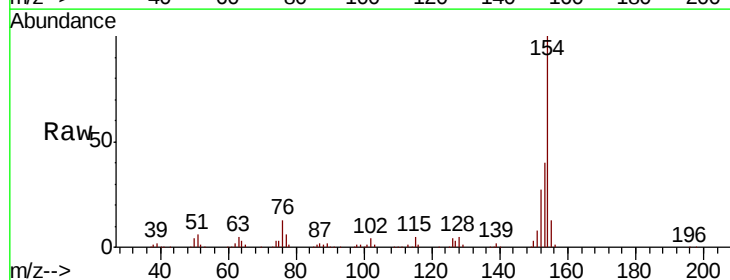
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 47.913 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	18.3	58.3
76	13.1	0.0	32.3

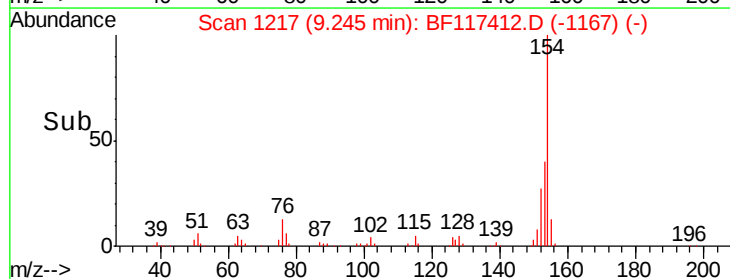
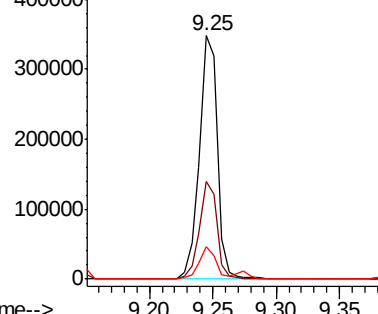


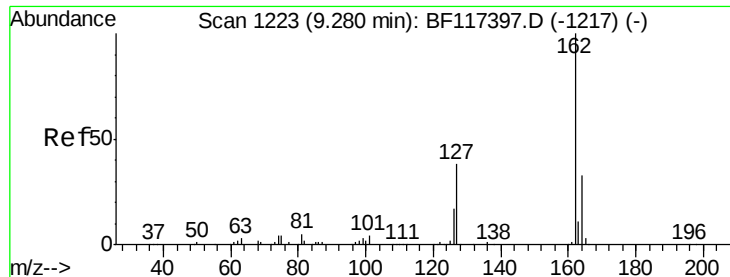
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 47.651 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

Instrument :

BNA_F

ClientSampleId :

OR-03-101119MS

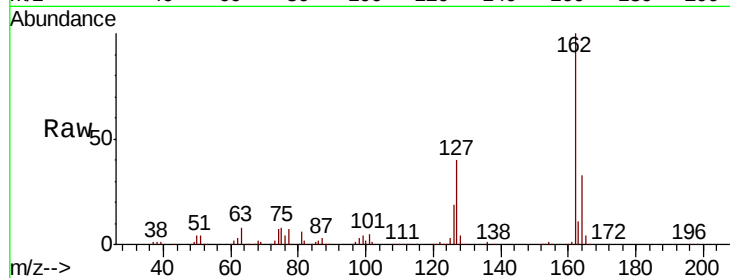
Tot Ion:162 Resp: 265634

Ion Ratio Lower Upper

162 100

127 40.3 32.6 48.8

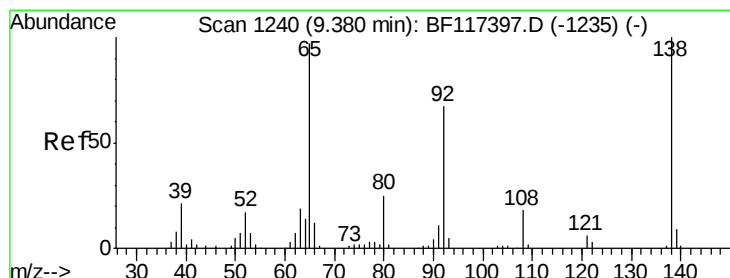
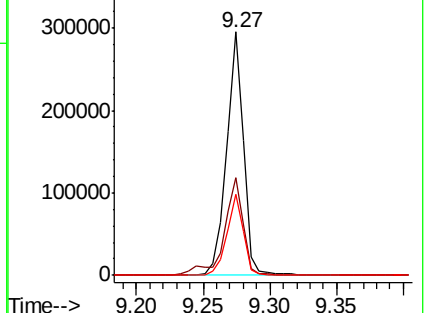
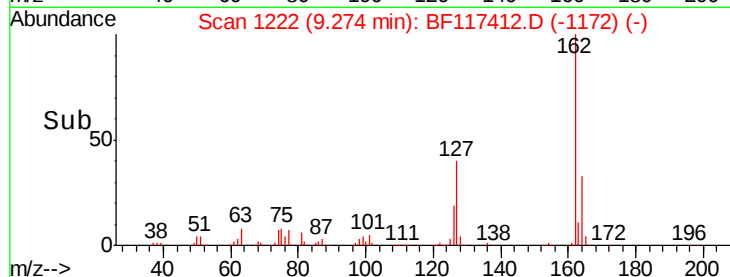
164 33.2 26.2 39.4



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: 49.678 ng

RT: 9.38 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

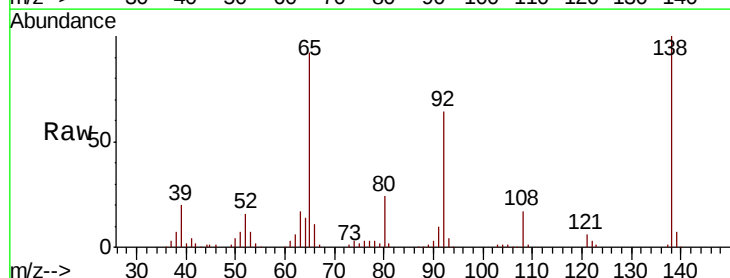
Tgt Ion: 65 Resp: 88360

Ion Ratio Lower Upper

65 100

92 69.2 55.4 83.0

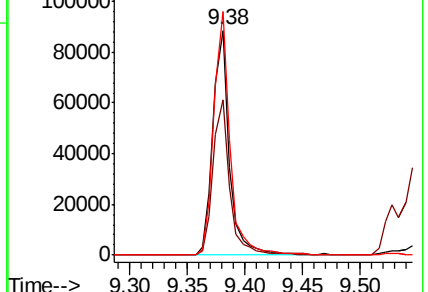
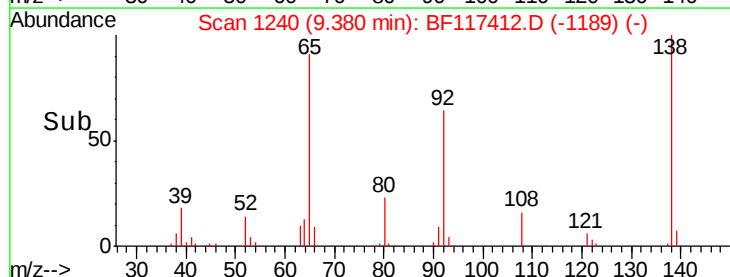
138 108.4 82.6 124.0

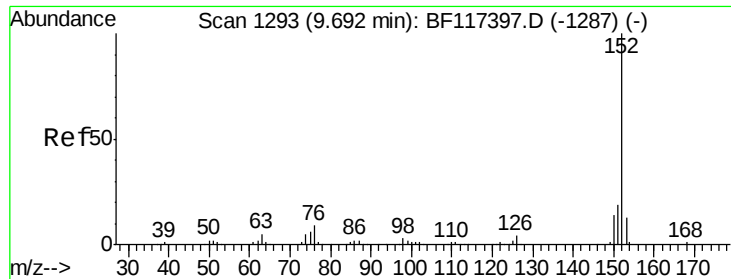


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 51.184 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

Instrument :

BNA_F

ClientSampleId :

OR-03-101119MS

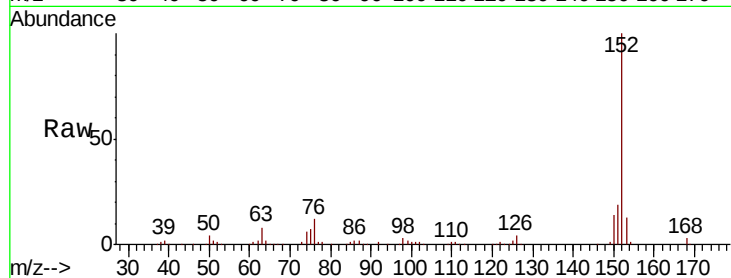
Tot Ion:152 Resp: 418290

Ion Ratio Lower Upper

152 100

151 19.2 15.5 23.3

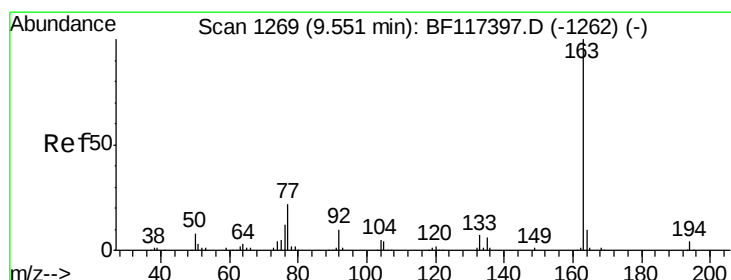
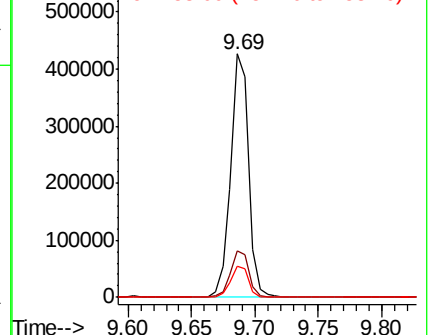
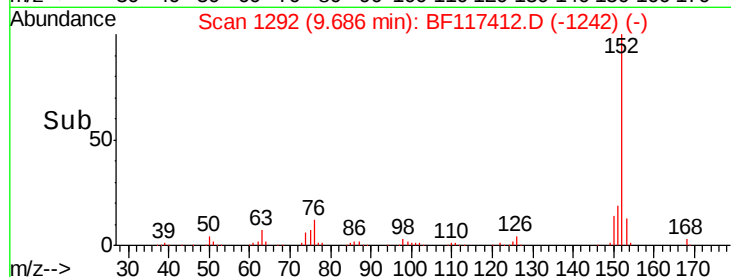
153 13.0 10.6 16.0



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: 50.592 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

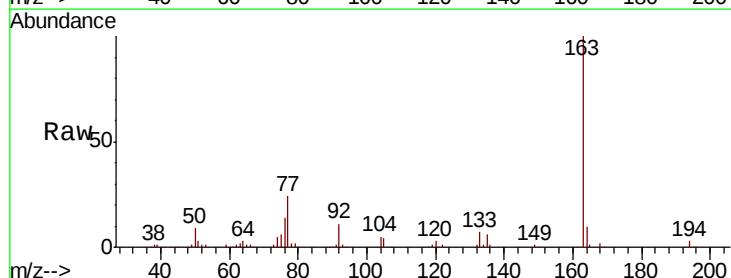
Tgt Ion:163 Resp: 318052

Ion Ratio Lower Upper

163 100

194 3.4 3.1 4.7

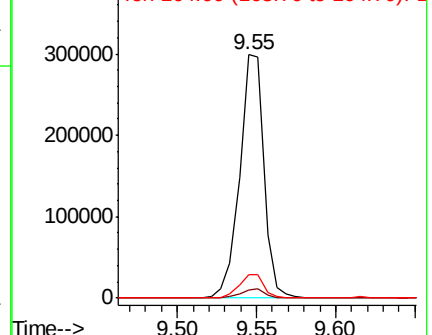
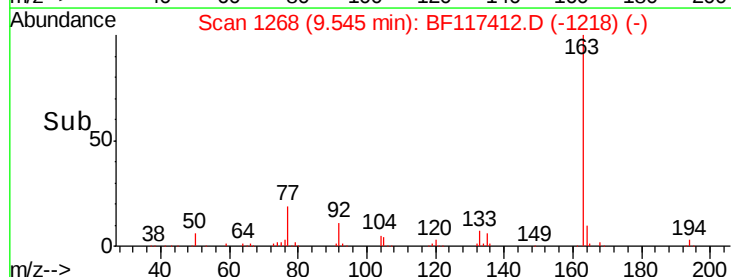
164 9.8 8.0 12.0

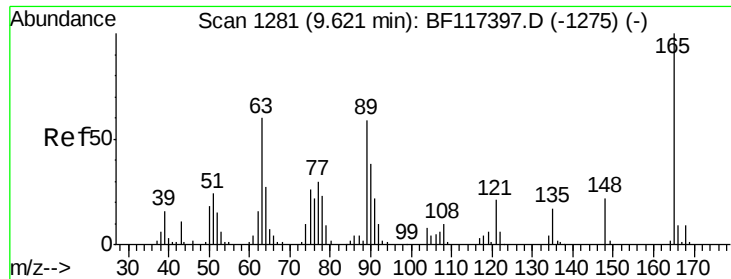


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

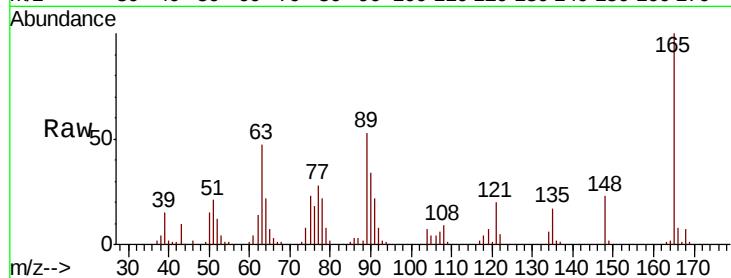




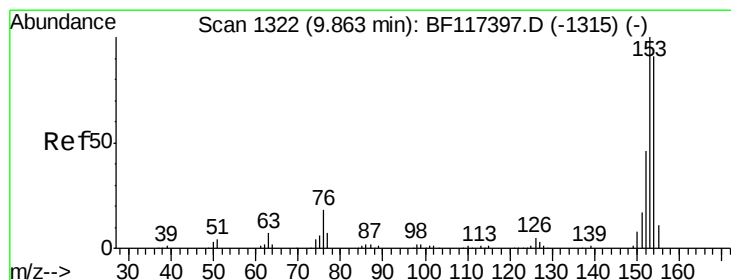
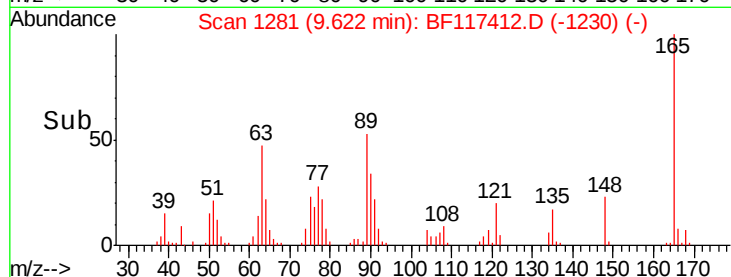
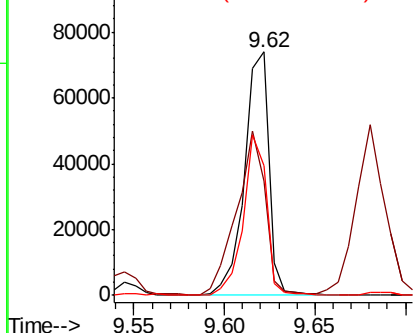
#51
 2,6-Dinitrotoluene
 Concen: 52.370 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: BF117412.D
 Acq: 16 Oct 2019 14:39

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-101119MS

Tot Ion:165 Resp: 69201
 Ion Ratio Lower Upper
 165 100
 63 47.0 47.8 71.6#
 89 53.2 47.4 71.0

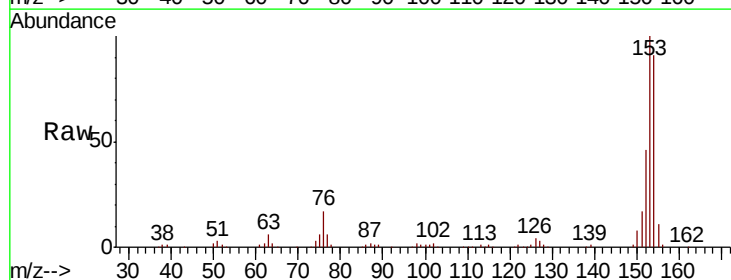


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

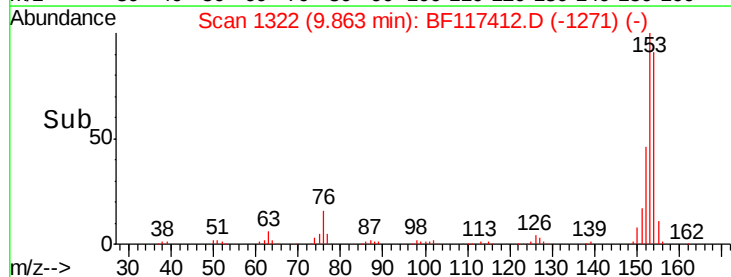
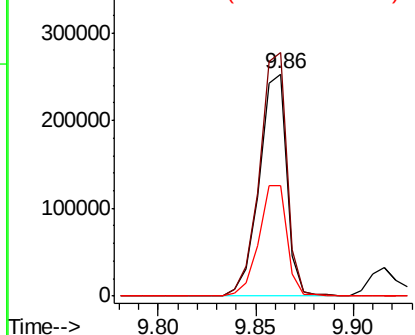


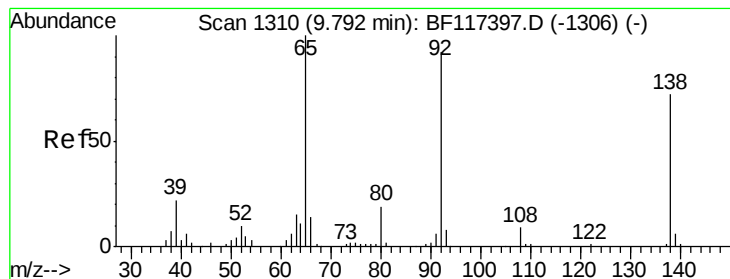
#52
 Acenaphthene
 Concen: 50.097 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF117412.D
 Acq: 16 Oct 2019 14:39

Tgt Ion:154 Resp: 248772
 Ion Ratio Lower Upper
 154 100
 153 109.6 87.9 131.9
 152 49.9 40.8 61.2



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





#53

3-Nitroaniline

Concen: 16.832 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

Instrument :

BNA_F

ClientSampleId :

OR-03-101119MS

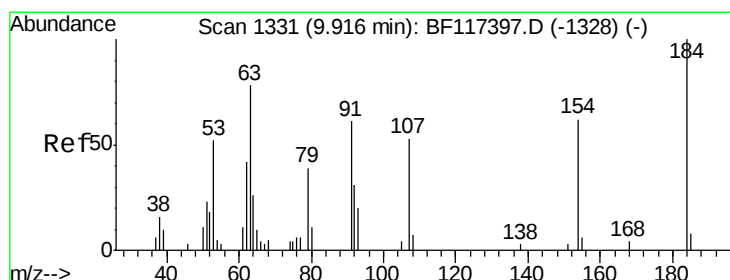
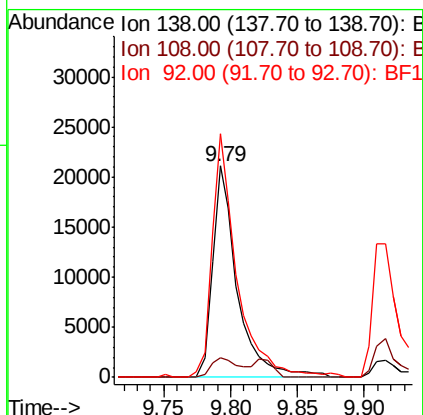
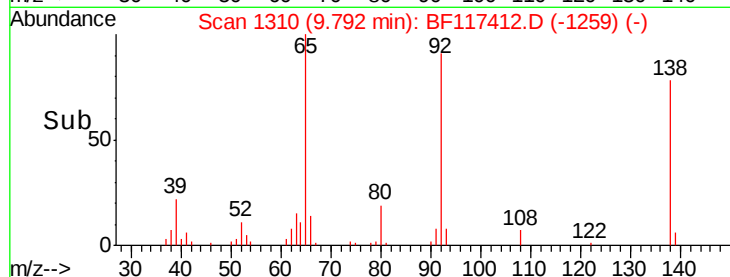
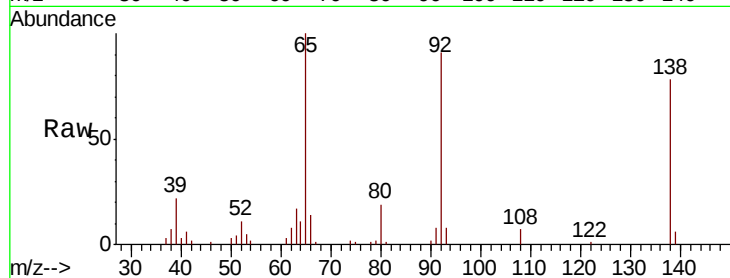
Tot Ion:138 Resp: 27160

Ion Ratio Lower Upper

138 100

108 9.4 9.5 14.3#

92 115.4 102.2 153.4



#54

2,4-Dinitrophenol

Concen: 106.086 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.00 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

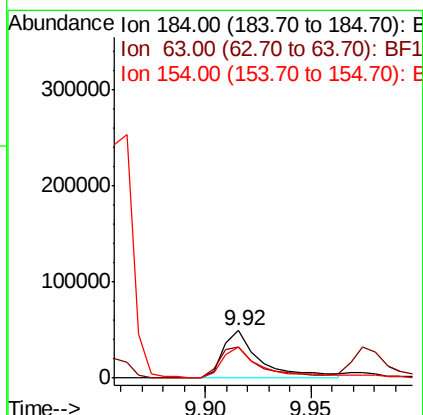
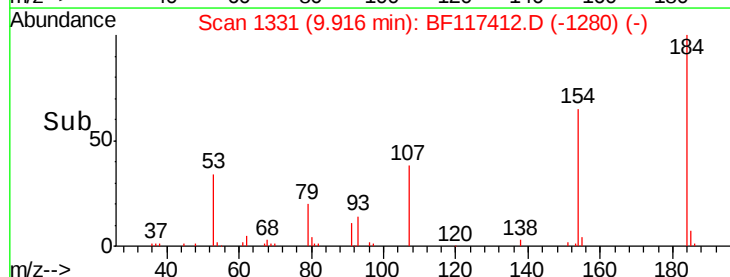
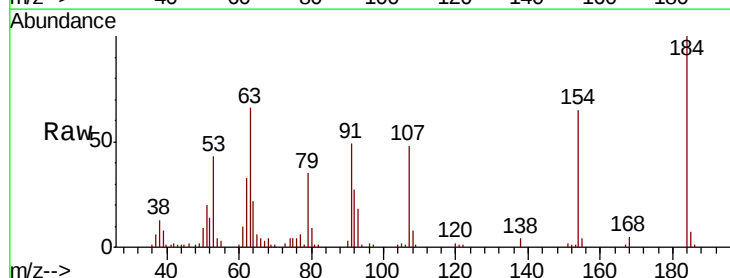
Tgt Ion:184 Resp: 60966

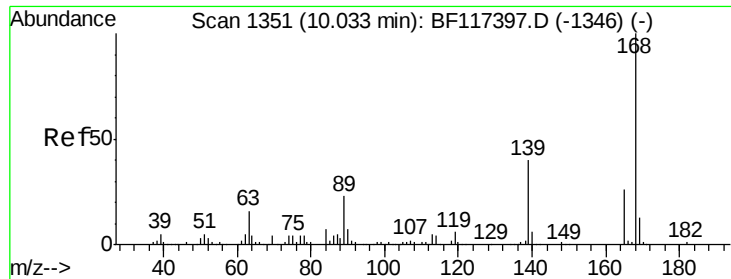
Ion Ratio Lower Upper

184 100

63 65.7 62.4 93.6

154 65.2 53.5 80.3

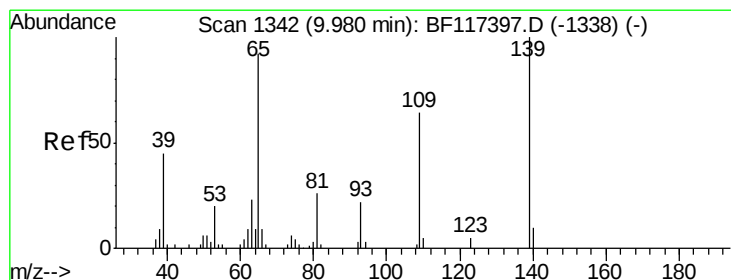
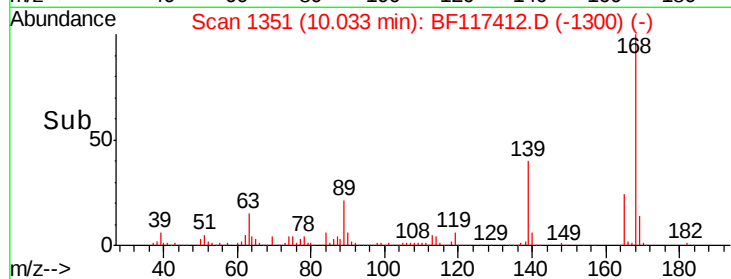
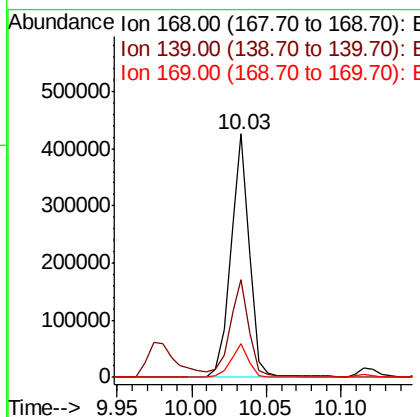
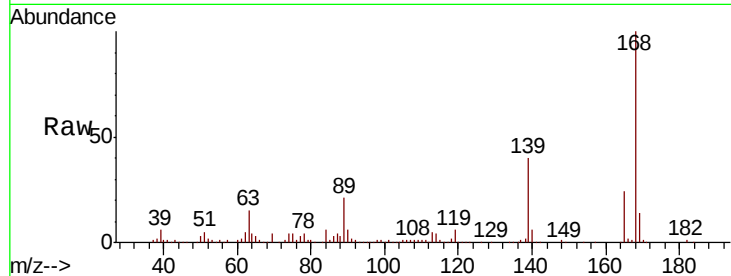




#55
Dibenzenofuran
Concen: 51.835 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

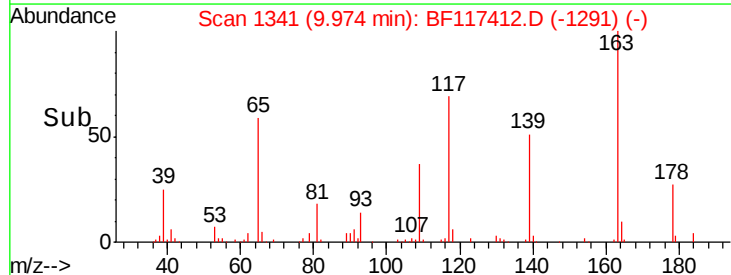
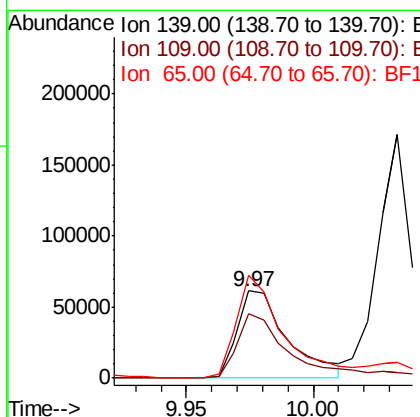
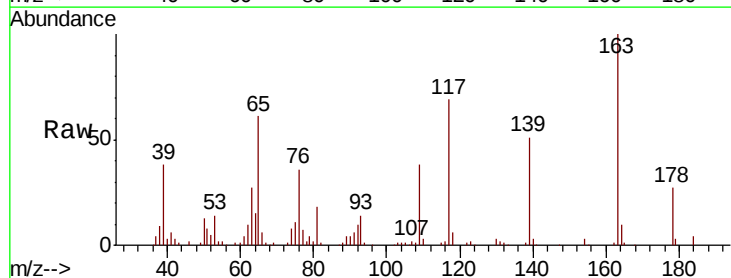
Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

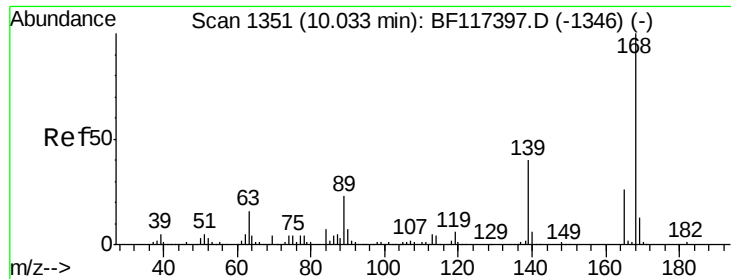
Tot Ion:168 Resp: 375489
Ion Ratio Lower Upper
168 100
139 40.3 33.3 49.9
169 13.7 10.7 16.1



#56
4-Nitrophenol
Concen: 114.386 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion:139 Resp: 84984
Ion Ratio Lower Upper
139 100
109 73.4 43.8 83.8
65 118.1 73.9 113.9#

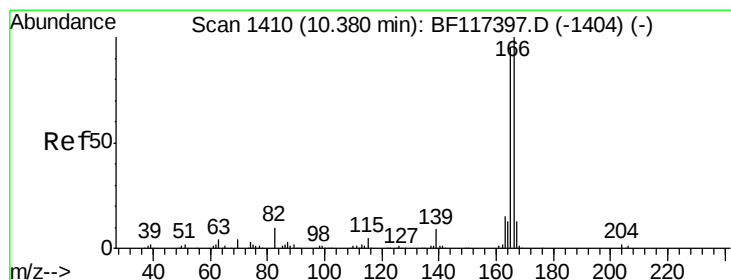
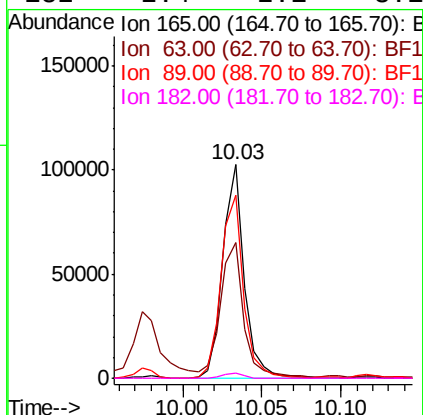
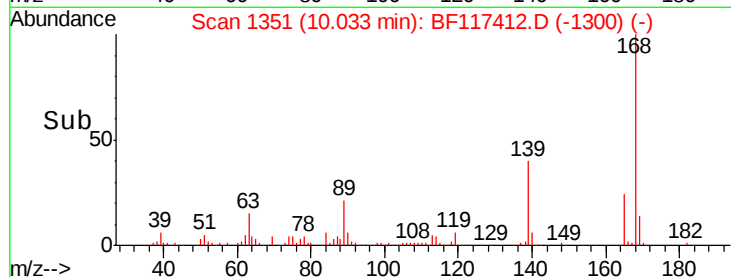
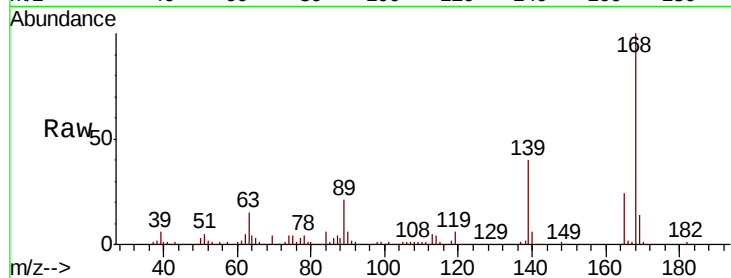




#57
2,4-Dinitrotoluene
Concen: 54.984 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

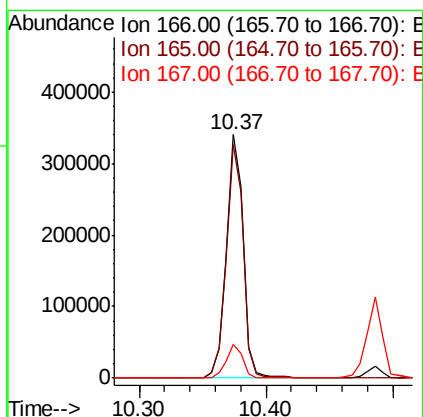
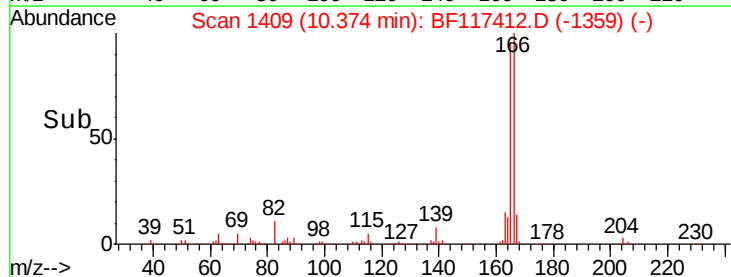
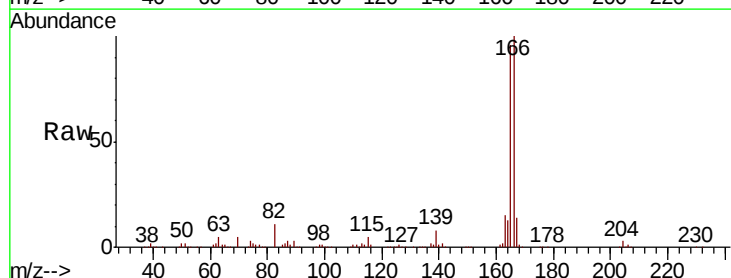
Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

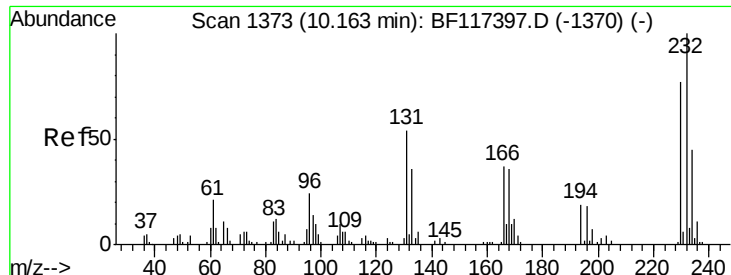
Tot Ion:165 Resp: 95868
Ion Ratio Lower Upper
165 100
63 63.5 51.0 76.4
89 85.5 70.7 106.1
182 2.4 2.1 3.1



#58
Fluorene
Concen: 51.802 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion:166 Resp: 312442
Ion Ratio Lower Upper
166 100
165 96.0 75.7 113.5
167 13.8 10.4 15.6

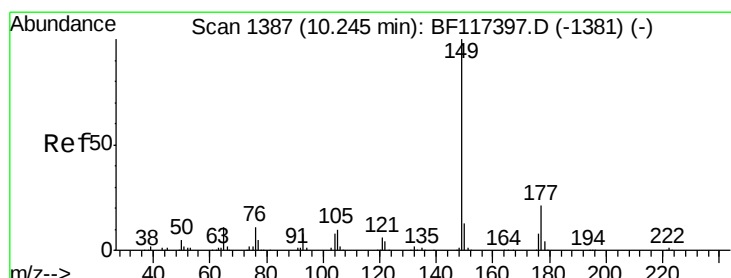
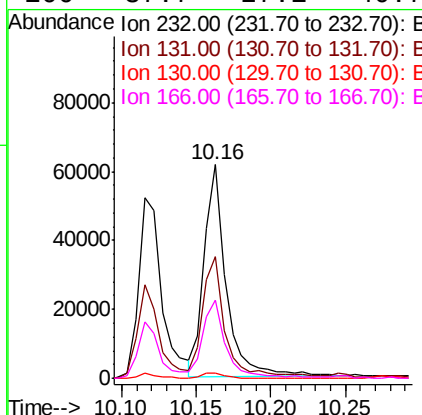
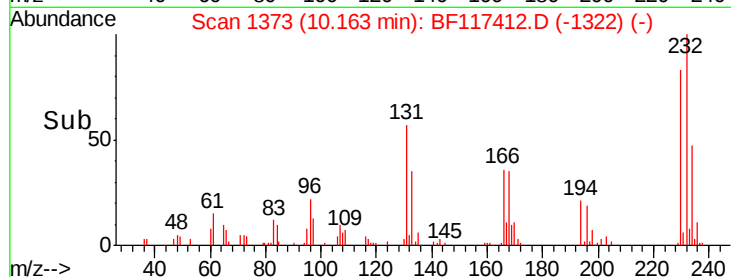
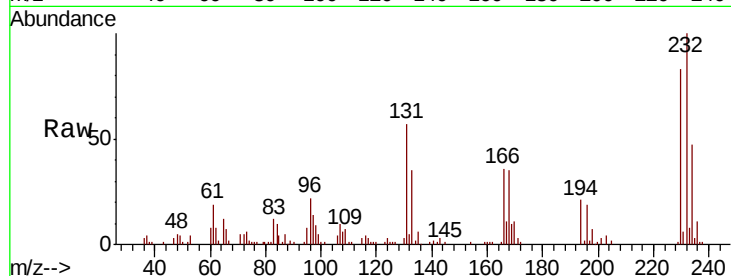




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.181 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

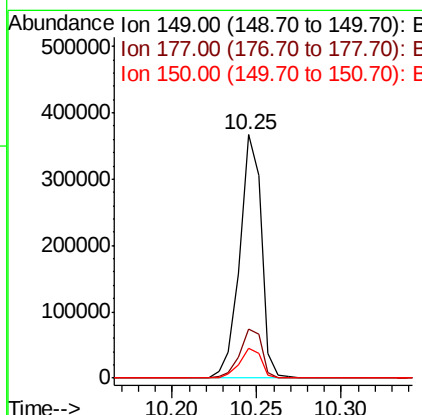
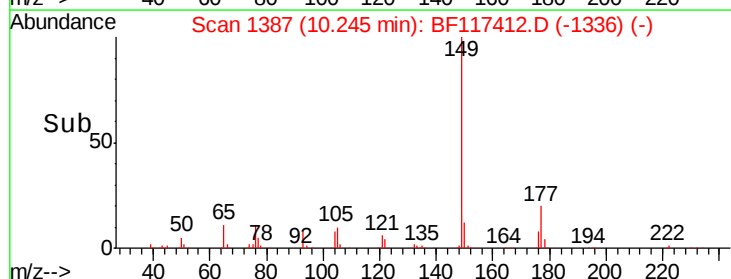
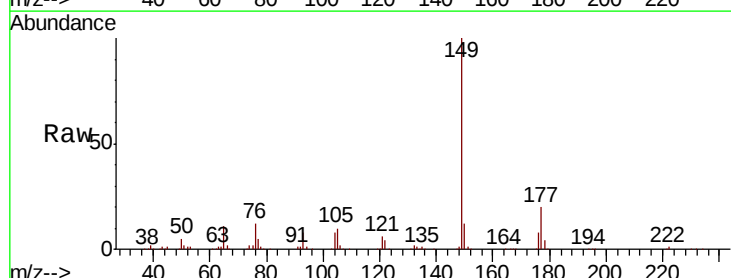
Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

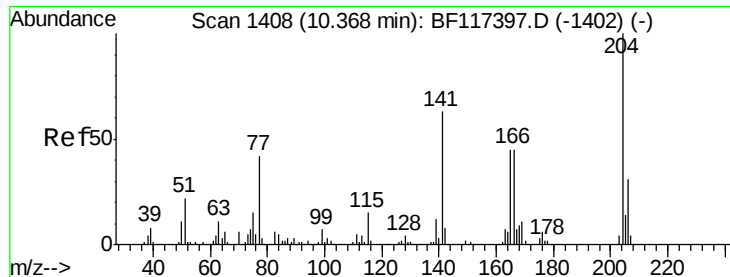
Tot Ion:232 Resp: 62523
Ion Ratio Lower Upper
232 100
131 56.9 44.5 66.7
130 2.7 2.0 3.0
166 37.7 27.1 40.7



#60
Diethylphthalate
Concen: 51.526 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion:149 Resp: 326520
Ion Ratio Lower Upper
149 100
177 20.1 16.5 24.7
150 12.4 10.1 15.1

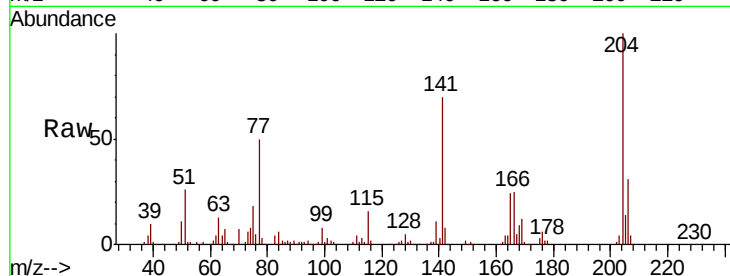




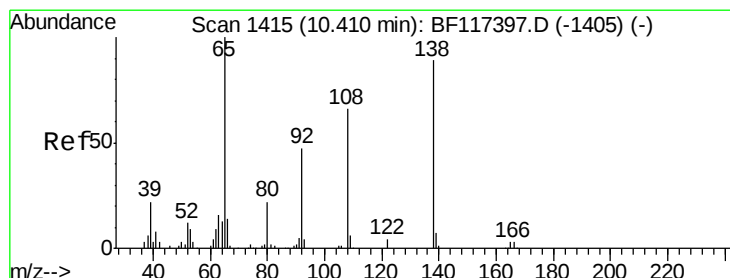
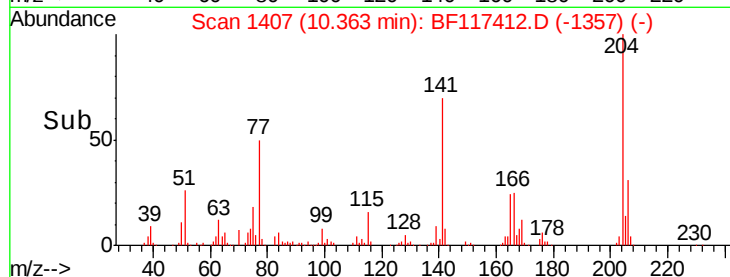
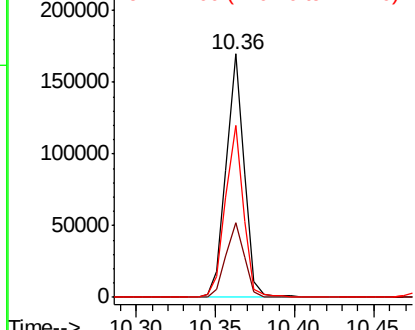
#61
4-Chlorophenyl-phenylether
Concen: 50.596 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

Tot Ion:204 Resp: 135112
Ion Ratio Lower Upper
204 100
206 30.9 25.0 37.4
141 70.4 50.7 76.1

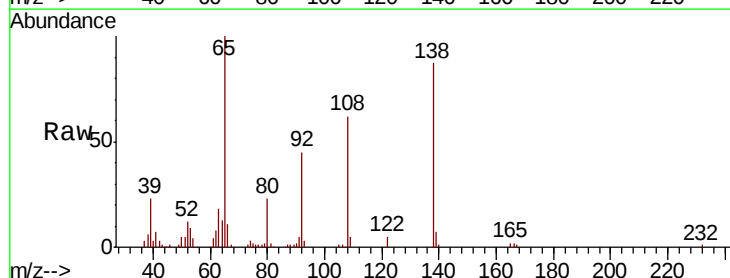


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

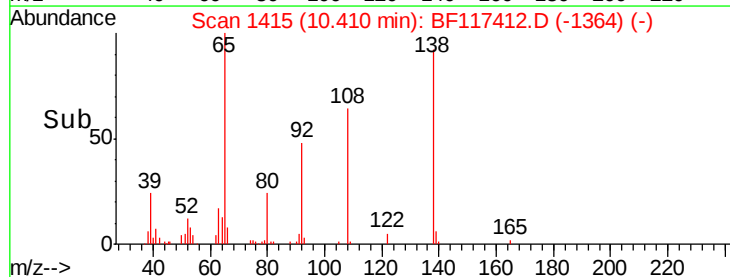
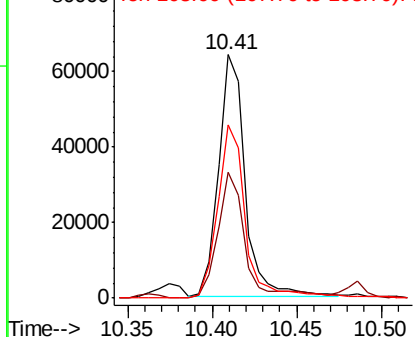


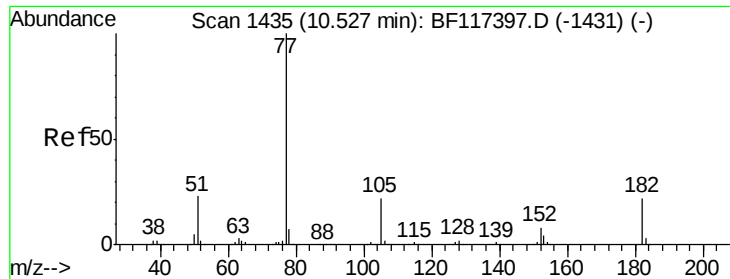
#62
4-Nitroaniline
Concen: 46.184 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion:138 Resp: 70841
Ion Ratio Lower Upper
138 100
92 51.7 32.4 72.4
108 71.4 53.8 93.8



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: 51.627 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

Instrument :

BNA_F

ClientSampleId :

OR-03-101119MS

Tot Ion: 77 Resp: 335689

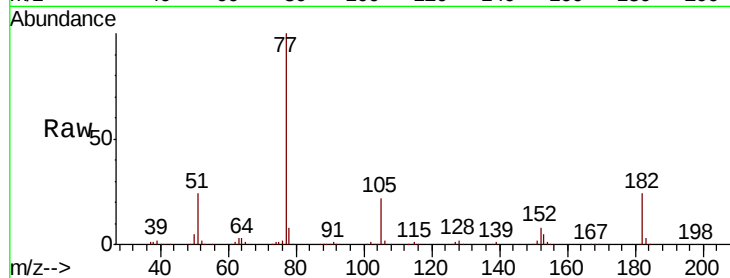
Ion Ratio Lower Upper

77 100

182 23.9 1.5 41.5

105 22.3 1.8 41.8

51 23.8 3.3 43.3

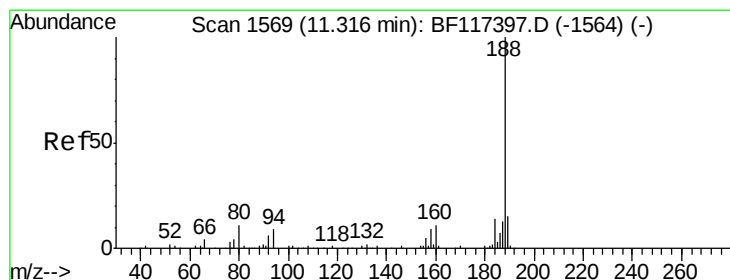
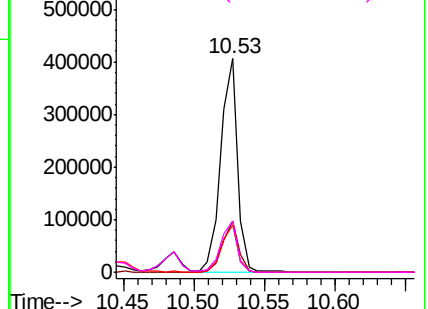
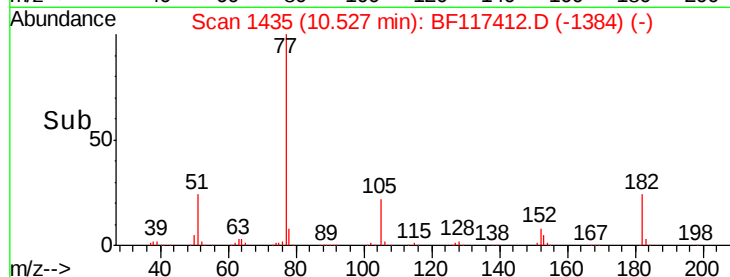


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

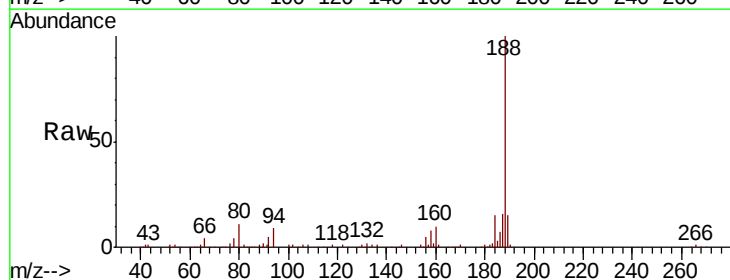
Tgt Ion: 188 Resp: 149968

Ion Ratio Lower Upper

188 100

94 9.1 7.5 11.3

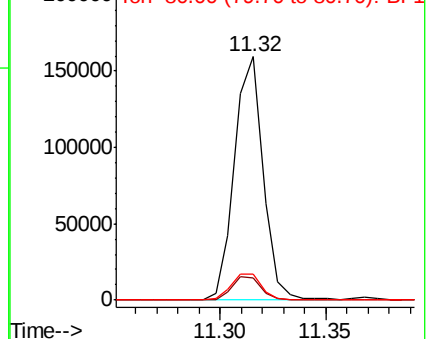
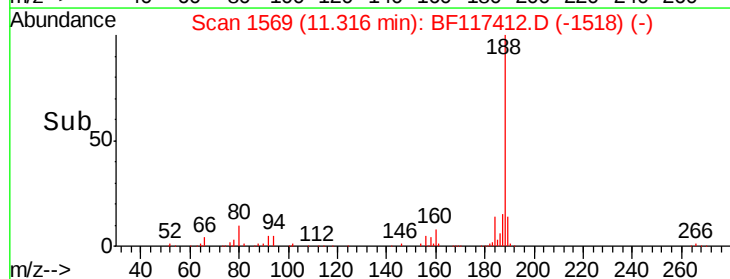
80 10.8 8.7 13.1

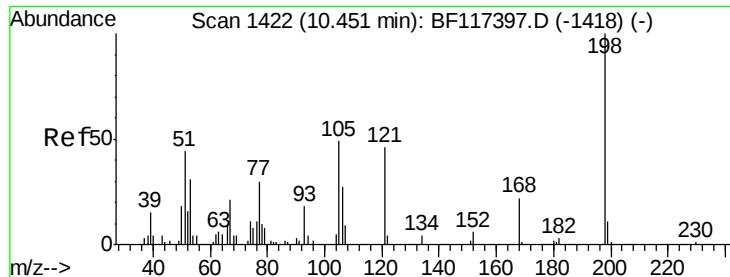


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

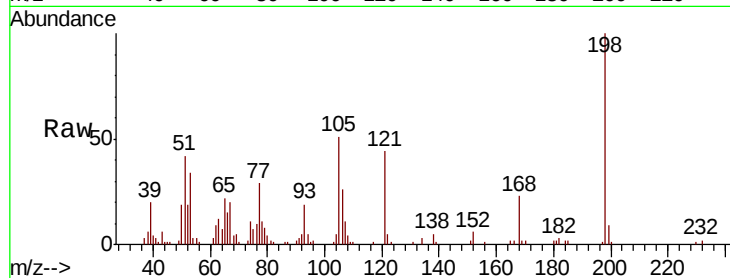




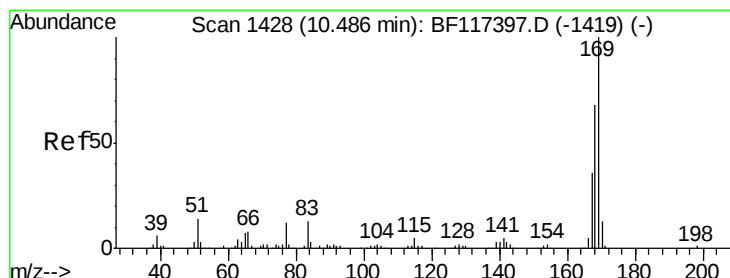
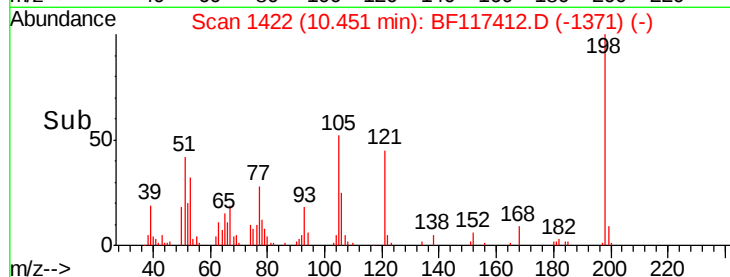
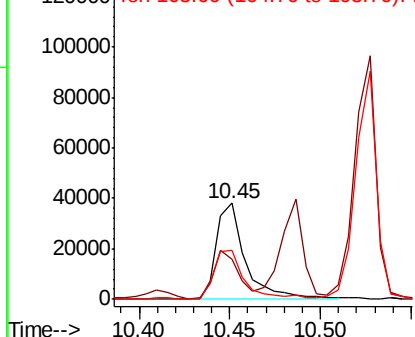
#65
4,6-Dinitro-2-methylphenol
Concen: 52.610 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

Tot Ion:198 Resp: 42576
Ion Ratio Lower Upper
198 100
51 41.7 25.9 65.9
105 50.9 29.4 69.4

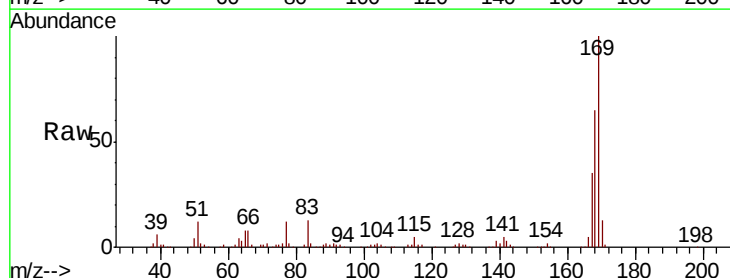


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

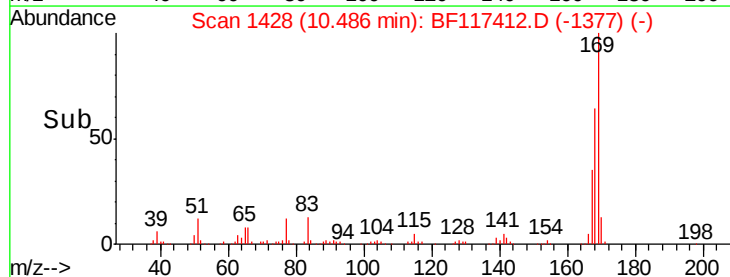
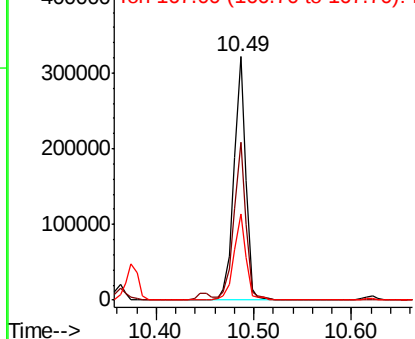


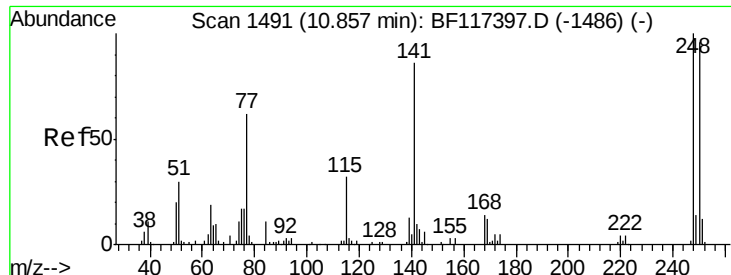
#66
n-Nitrosodiphenylamine
Concen: 48.719 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion:169 Resp: 272943
Ion Ratio Lower Upper
169 100
168 64.6 54.1 81.1
167 35.4 28.8 43.2



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

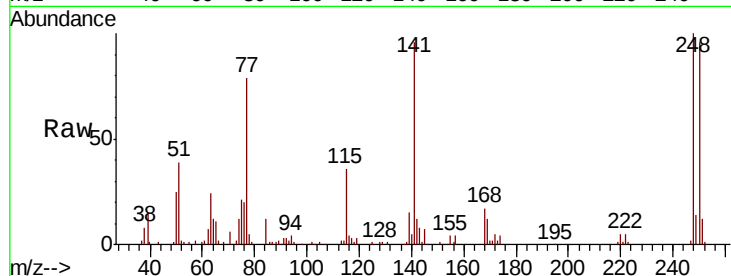




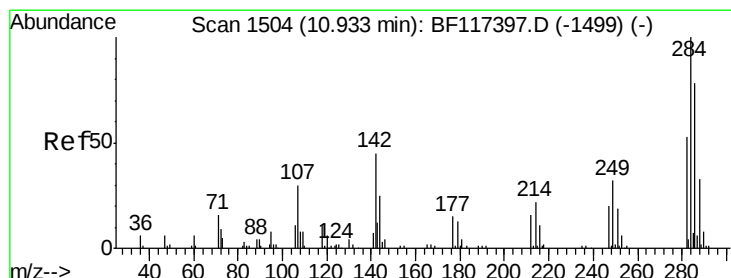
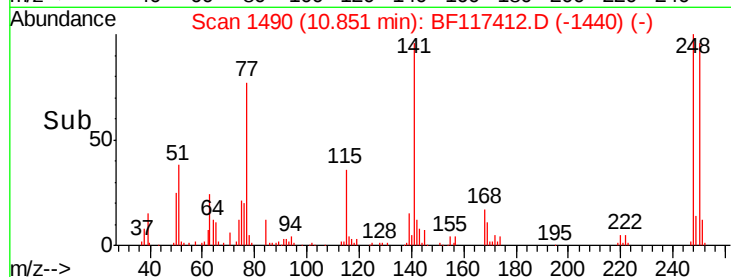
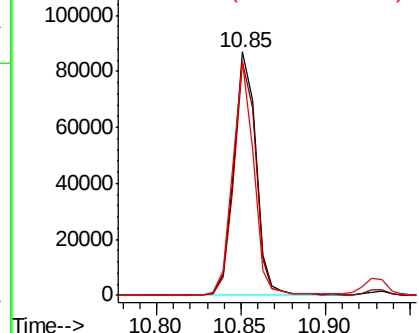
#67
 4-Bromophenyl-phenylether
 Concen: 48.246 ng
 RT: 10.85 min Scan# 1490
 Delta R.T. -0.01 min
 Lab File: BF117412.D
 Acq: 16 Oct 2019 14:39

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-101119MS

Tot Ion:248 Resp: 79360
 Ion Ratio Lower Upper
 248 100
 250 95.7 77.1 115.7
 141 96.2 69.1 103.7

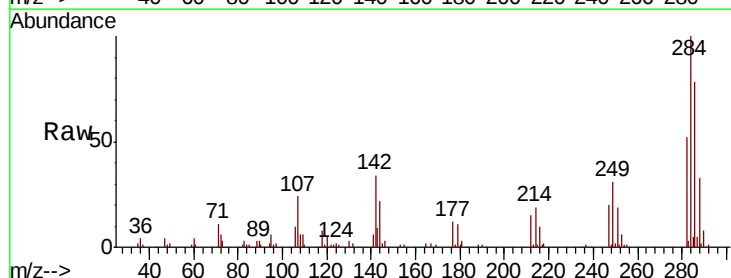


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

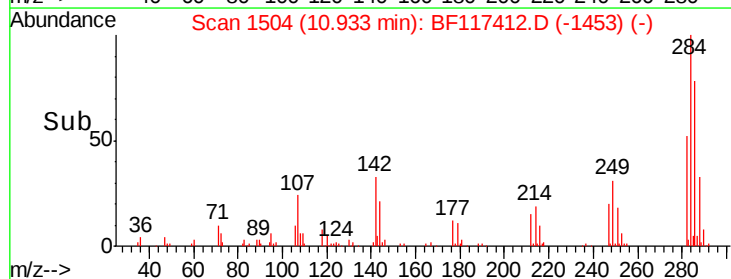
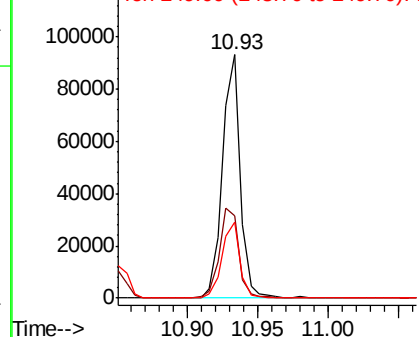


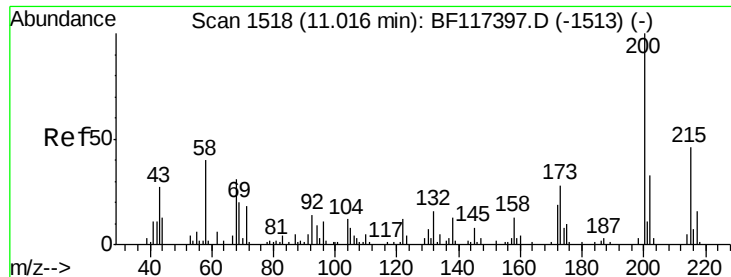
#68
 Hexachlorobenzene
 Concen: 46.363 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BF117412.D
 Acq: 16 Oct 2019 14:39

Tgt Ion:284 Resp: 81902
 Ion Ratio Lower Upper
 284 100
 142 33.9 35.7 53.5#
 249 31.0 25.8 38.6



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

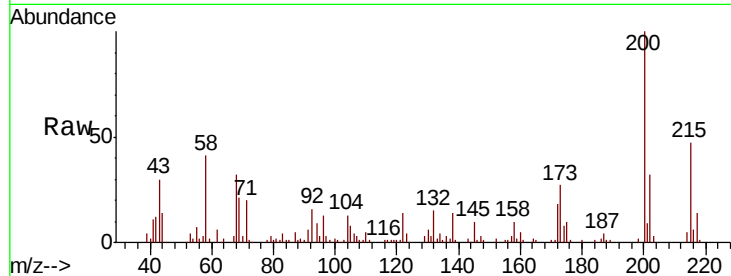




#69
Atrazine
Concen: 68.450 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	8.0	48.0
215	46.7	25.8	65.8

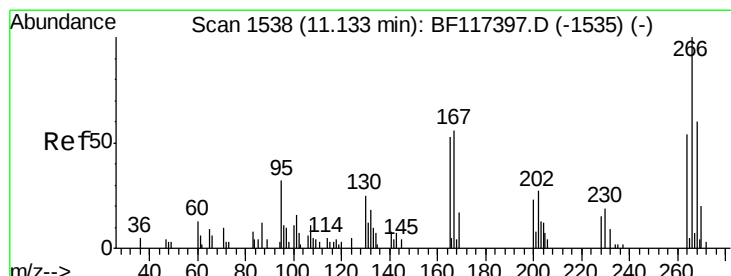
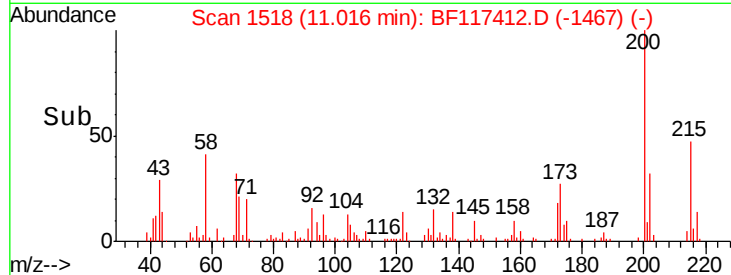
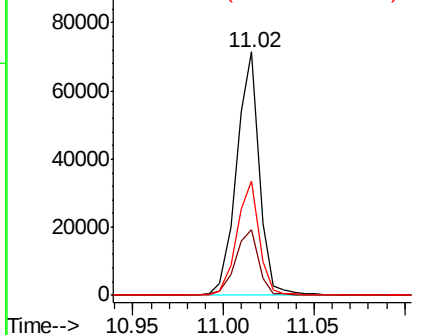


Abundance

Ion 200.00 (199.70 to 200.70): E

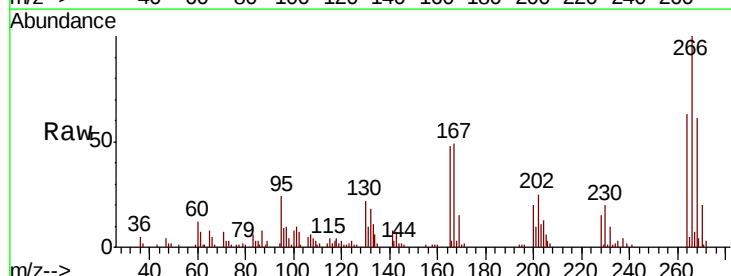
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 145.139 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.4	47.8	71.6
264	63.0	42.9	64.3

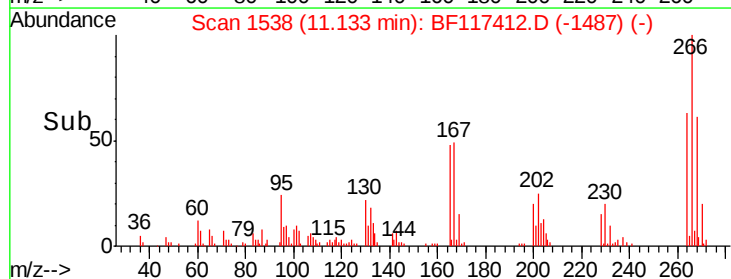
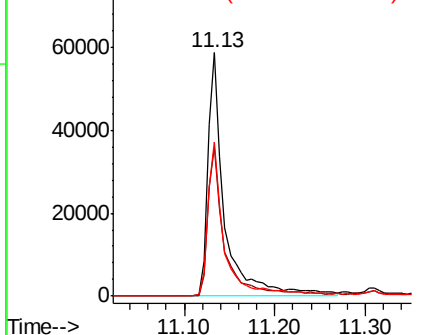


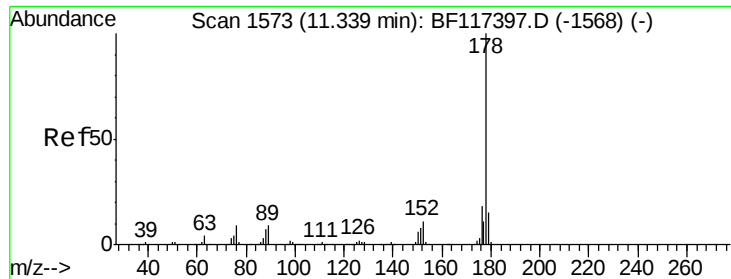
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

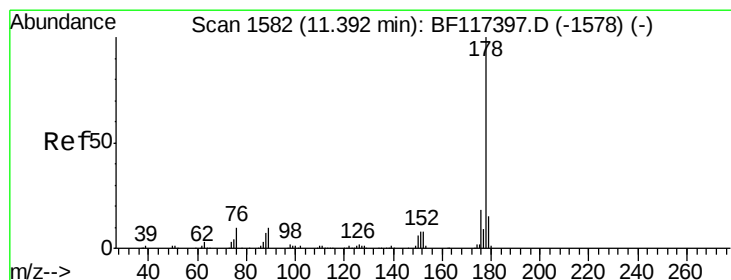
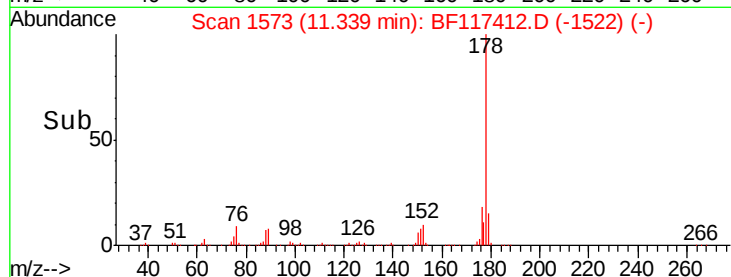
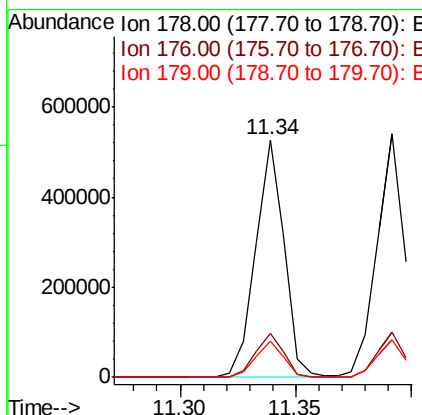
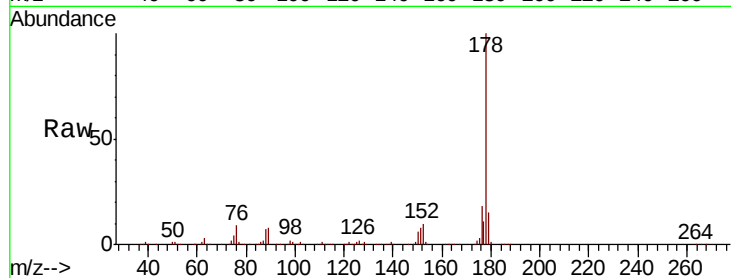




#71
Phenanthrene
Concen: 51.522 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

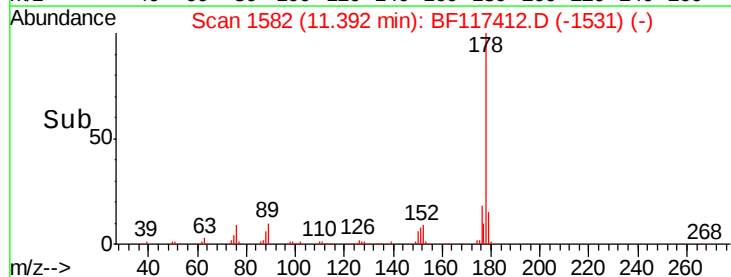
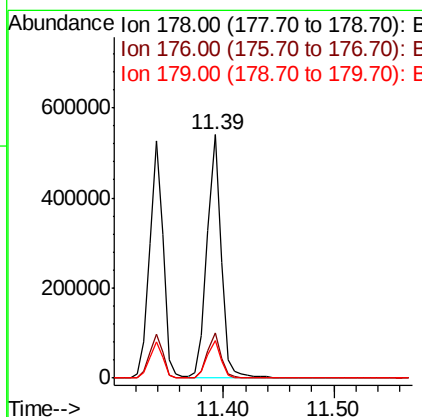
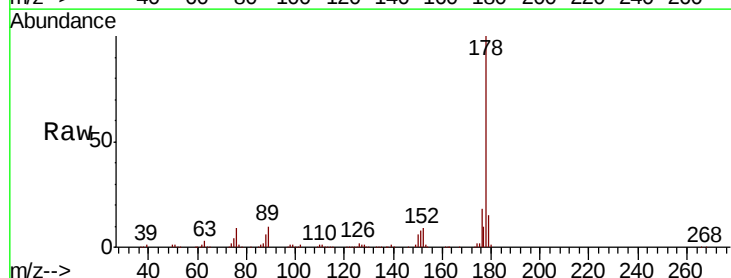
Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

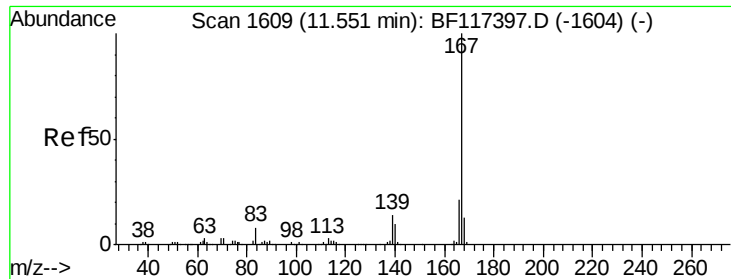
Tot Ion:178 Resp: 456751
Ion Ratio Lower Upper
178 100
176 18.4 14.6 22.0
179 15.2 12.3 18.5



#72
Anthracene
Concen: 50.836 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion:178 Resp: 465239
Ion Ratio Lower Upper
178 100
176 18.3 14.4 21.6
179 15.2 12.1 18.1

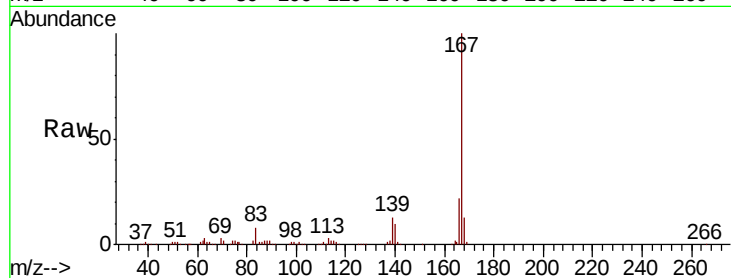




#73
 Carbazole
 Concen: 53.052 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BF117412.D
 Acq: 16 Oct 2019 14:39

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-101119MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.0	25.4
139	12.7	10.8	16.2

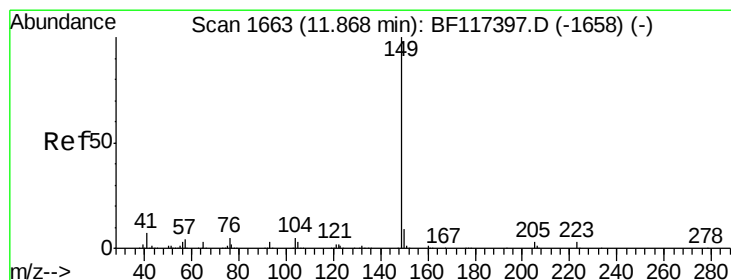
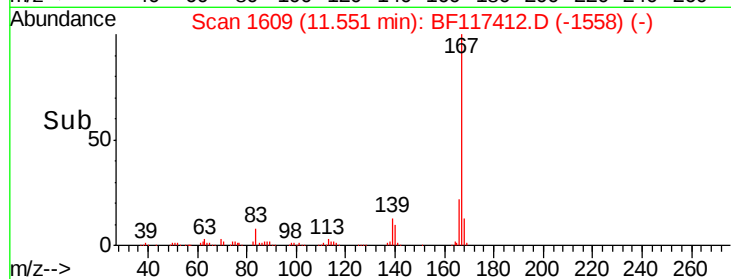
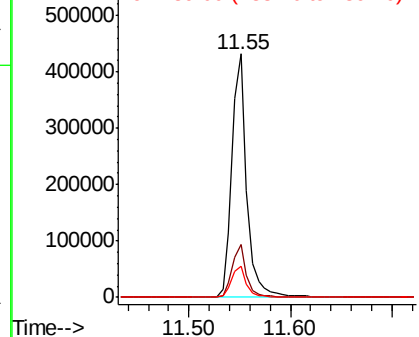


Abundance

Ion 167.00 (166.70 to 167.70): E

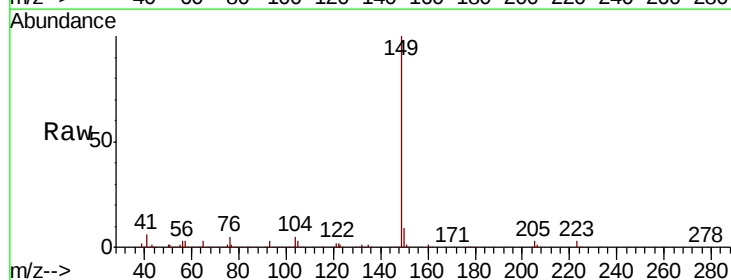
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 49.574 ng
 RT: 11.87 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BF117412.D
 Acq: 16 Oct 2019 14:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.0	10.6
104	5.1	4.2	6.2

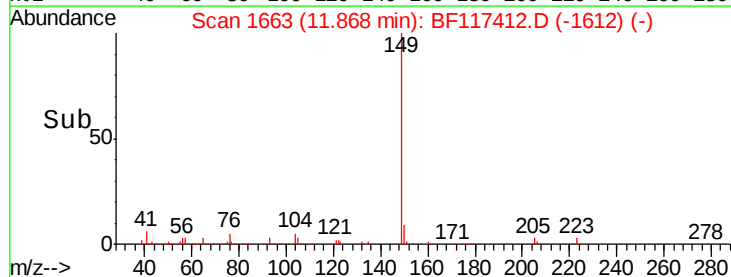
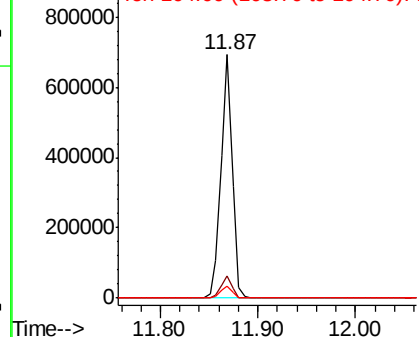


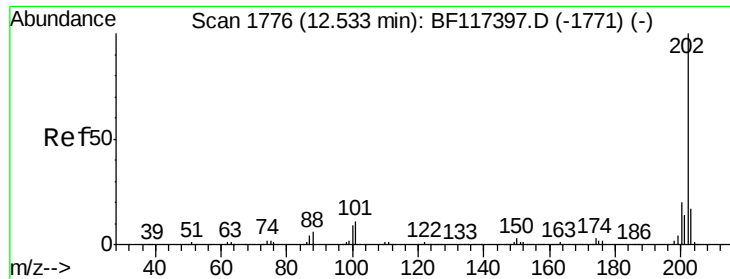
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

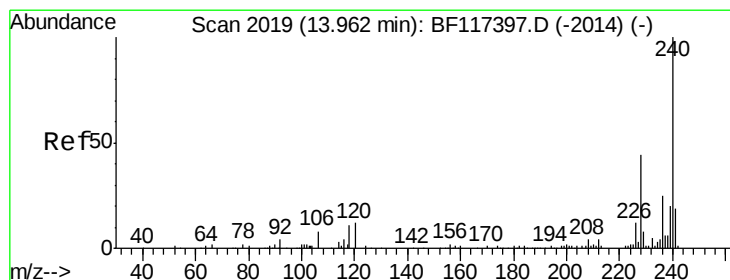
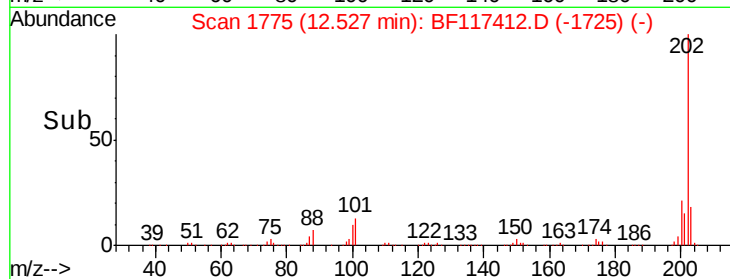
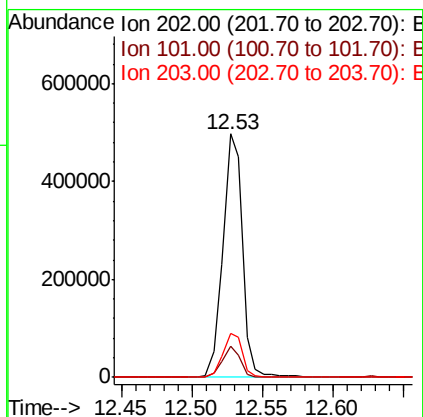
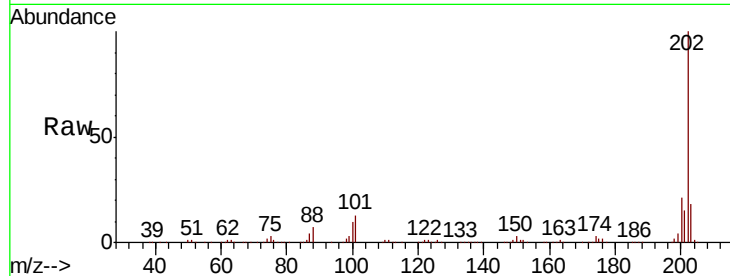




#75
 Fluoranthene
 Concen: 54.619 ng
 RT: 12.53 min Scan# 1775
 Delta R.T. -0.01 min
 Lab File: BF117412.D
 Acq: 16 Oct 2019 14:39

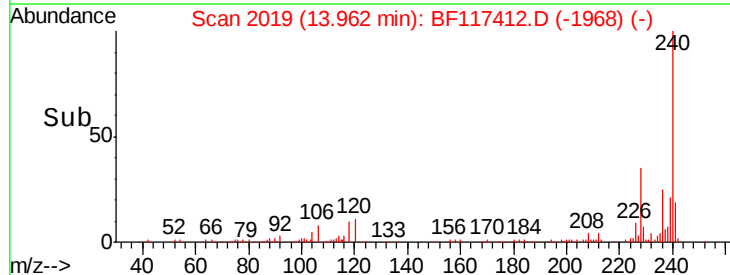
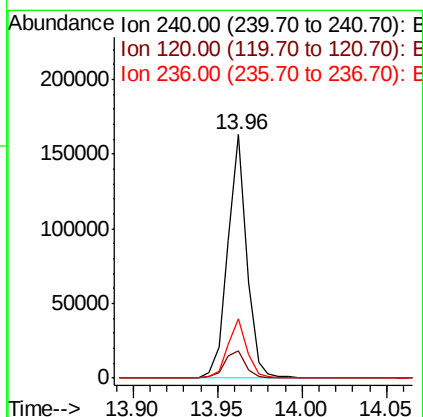
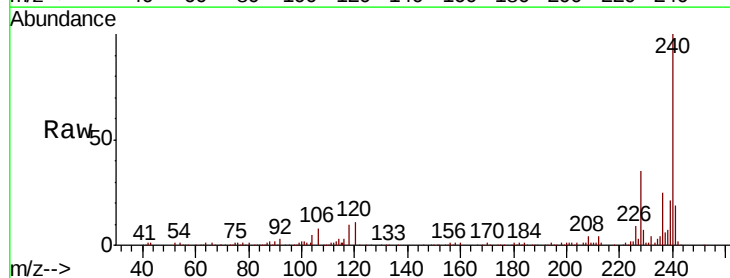
Instrument :
 BNA_F
 ClientSampleId :
 OR-03-101119MS

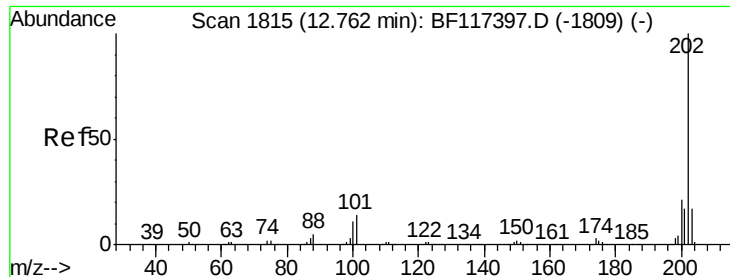
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	31.3
203	18.1	0.0	36.9



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF117412.D
 Acq: 16 Oct 2019 14:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.4	14.0
236	24.6	19.8	29.6

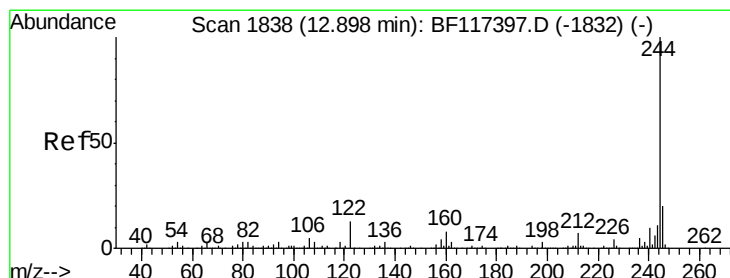
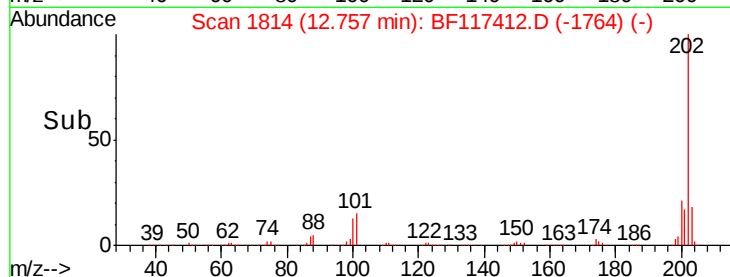
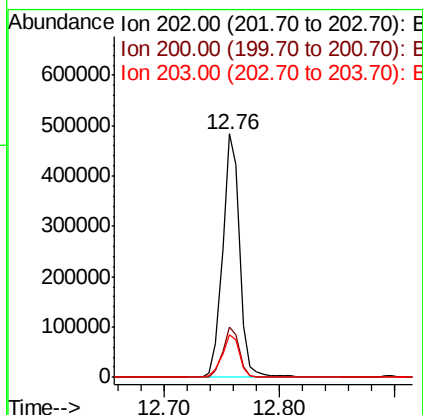
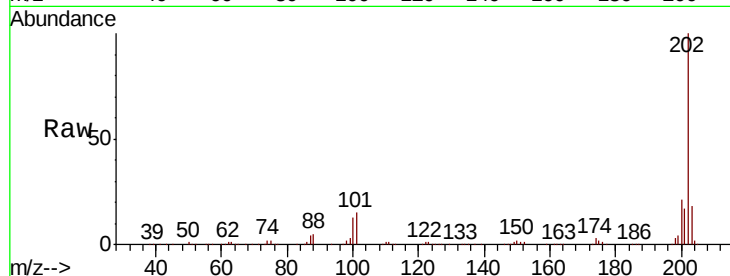




#78
Pvrene
Concen: 43.871 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

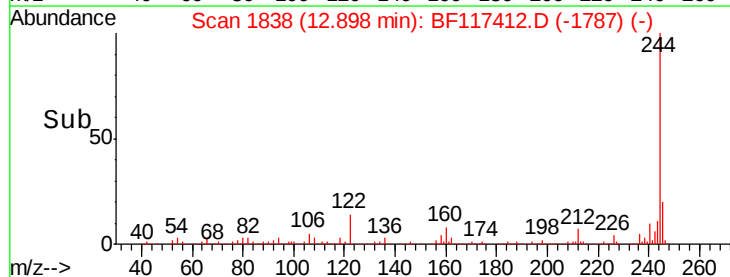
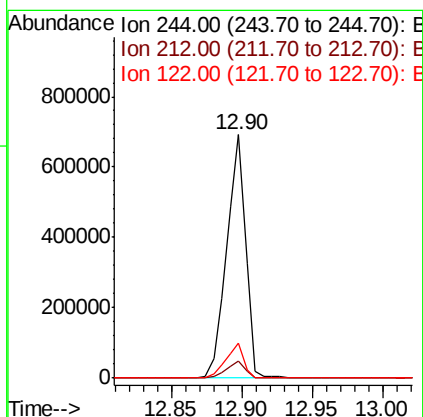
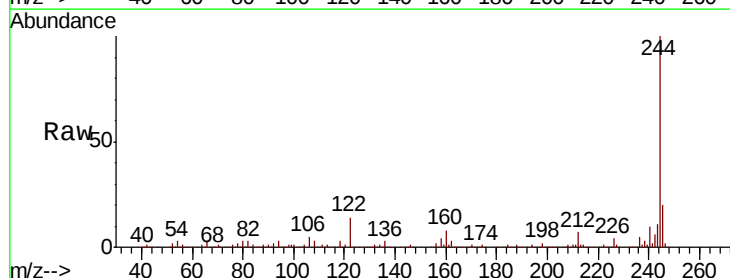
Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

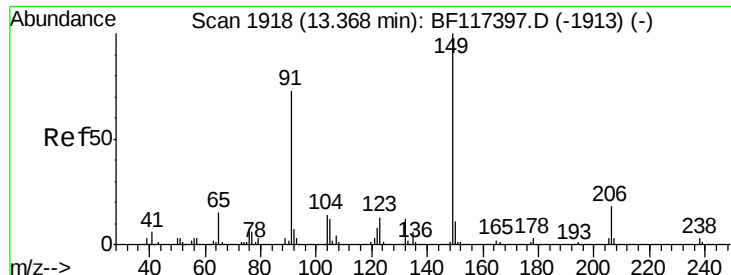
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.8	25.2
203	17.6	14.0	21.0



#79
Terphenyl-d14
Concen: 82.930 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	14.2	10.7	16.1

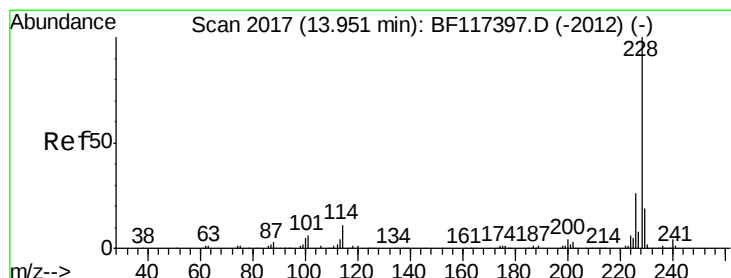
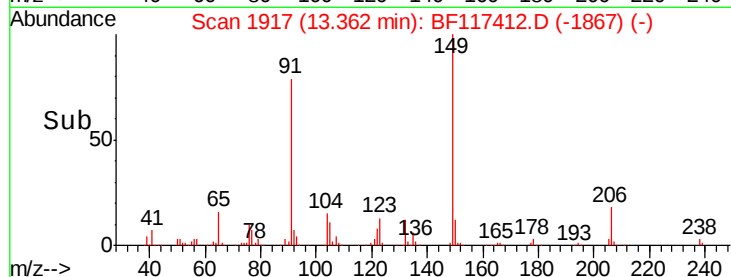
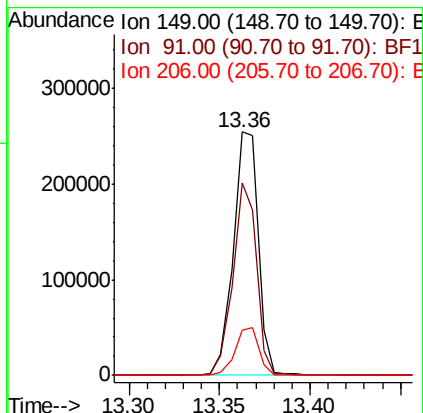
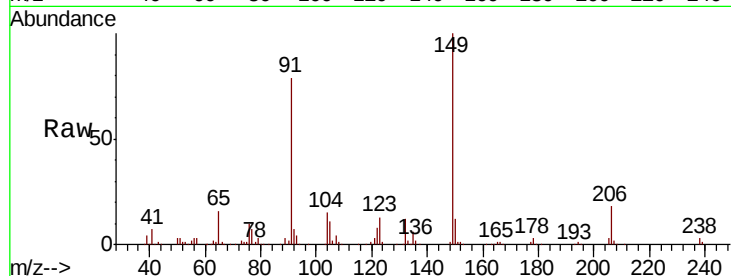




#80
Butylbenzylphthalate
Concen: 43.364 ng
RT: 13.36 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

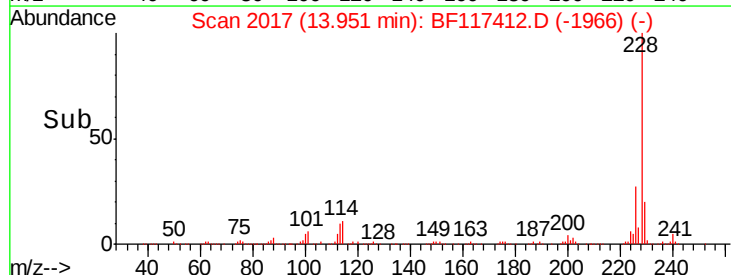
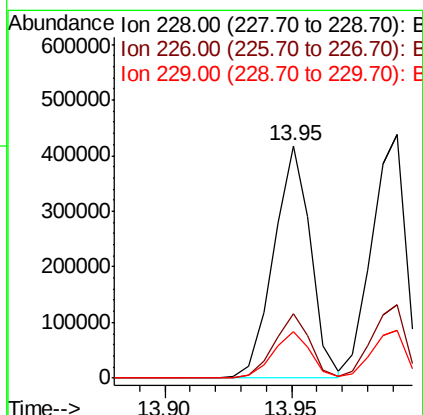
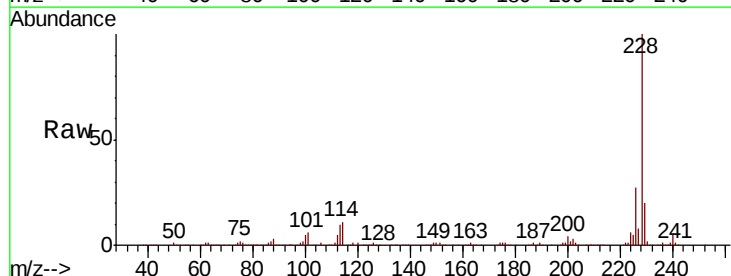
Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

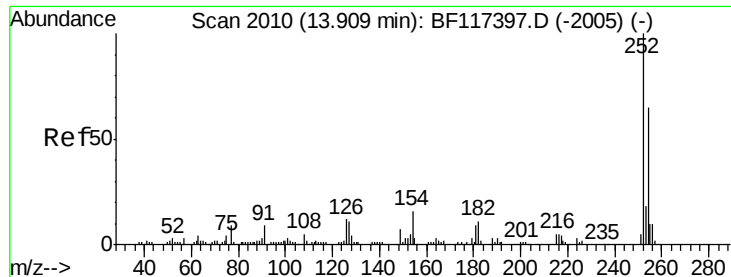
Tot Ion	Ratio	Lower	Upper
149	100		
91	79.2	58.5	87.7
206	18.4	14.4	21.6



#81
Benzo(a)anthracene
Concen: 48.277 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	20.9	31.3
229	20.0	15.2	22.8

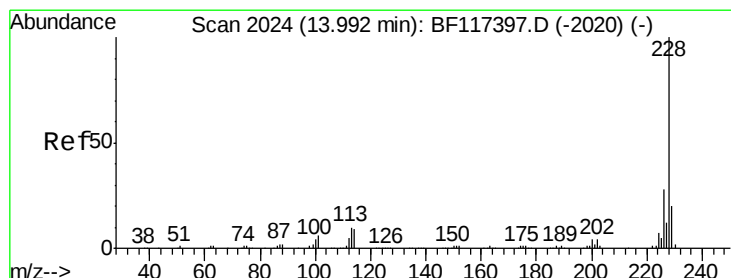
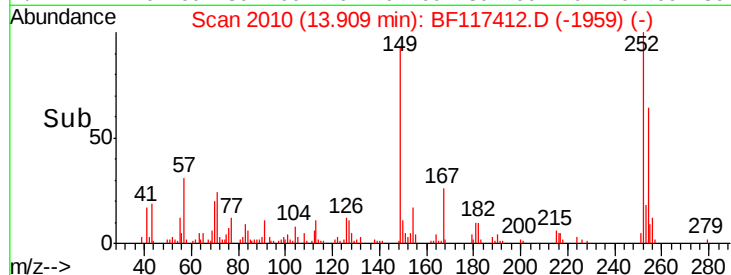
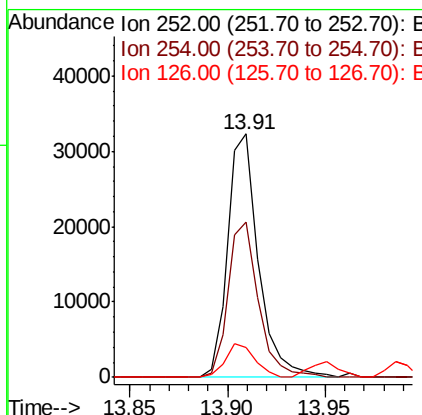
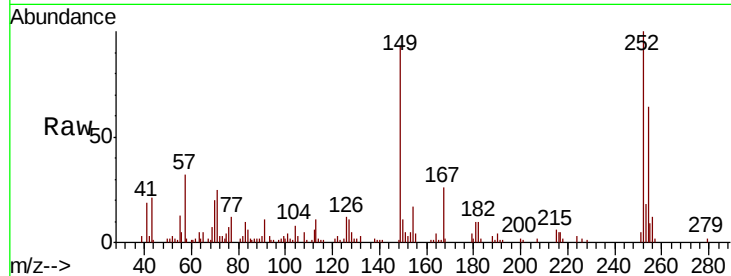




#82
 3,3'-Dichlorobenzidine
 Concen: 12.825 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. 0.00 min
 Lab File: BF117412.D
 Acq: 16 Oct 2019 14:39

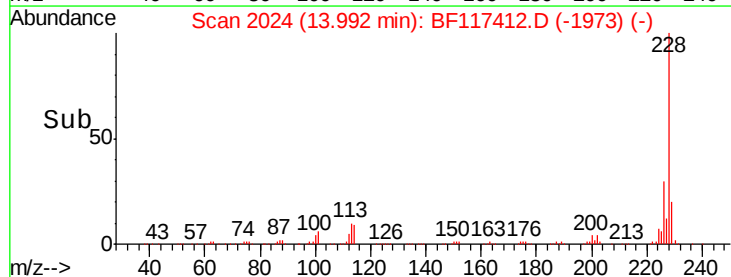
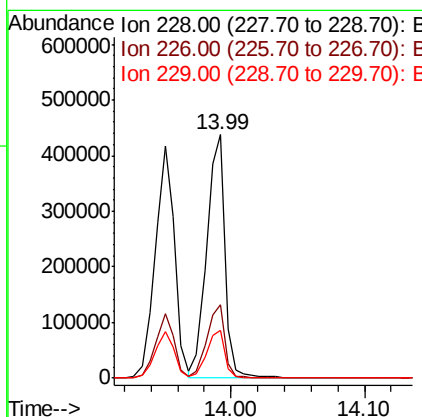
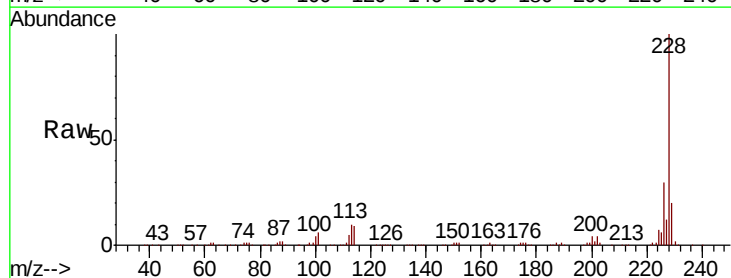
Instrument :
 BNA_F
 ClientSampleId :
 OR-03-101119MS

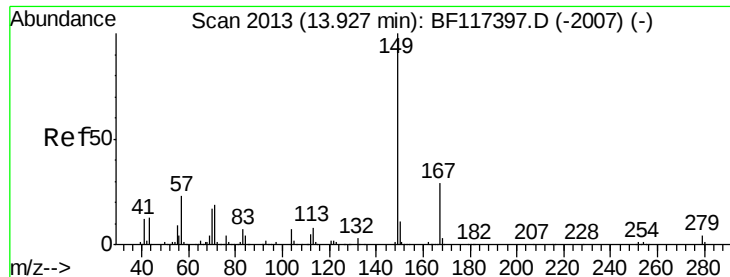
Tot Ion:252 Resp: 35443
 Ion Ratio Lower Upper
 252 100
 254 63.8 51.6 77.4
 126 12.1 9.6 14.4



#83
 Chrysene
 Concen: 48.316 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BF117412.D
 Acq: 16 Oct 2019 14:39

Tgt Ion:228 Resp: 416469
 Ion Ratio Lower Upper
 228 100
 226 30.2 22.8 34.2
 229 19.6 15.7 23.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 44.186 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

Instrument :

BNA_F

ClientSampleId :

OR-03-101119MS

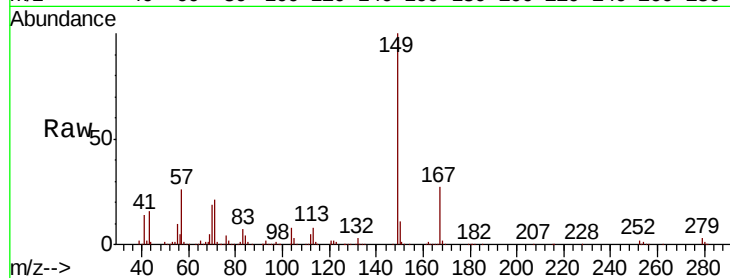
Tot Ion:149 Resp: 352767

Ion Ratio Lower Upper

149 100

167 27.1 23.0 34.6

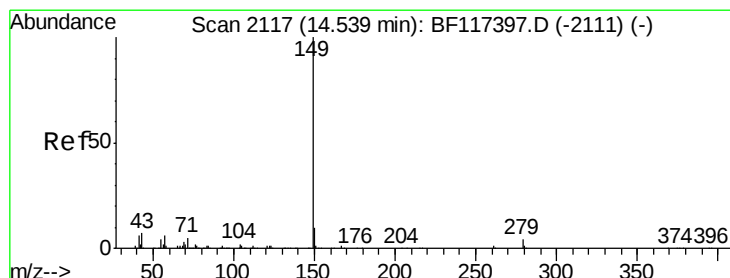
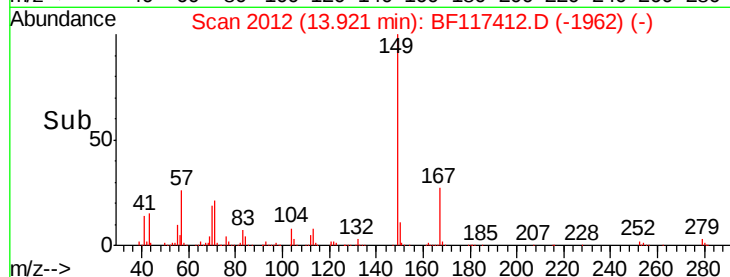
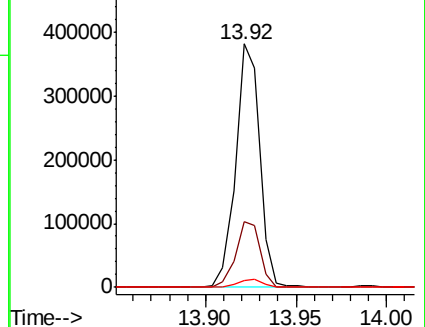
279 2.9 3.0 4.6#



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: 49.135 ng

RT: 14.53 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

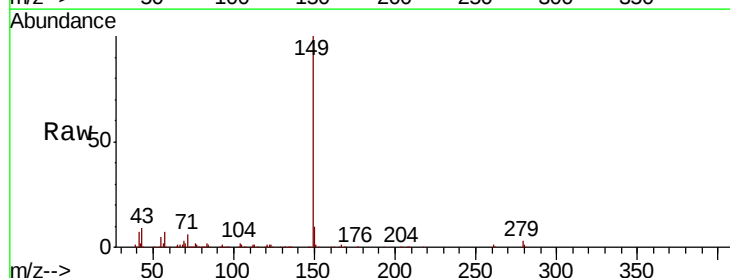
Tgt Ion:149 Resp: 597213

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

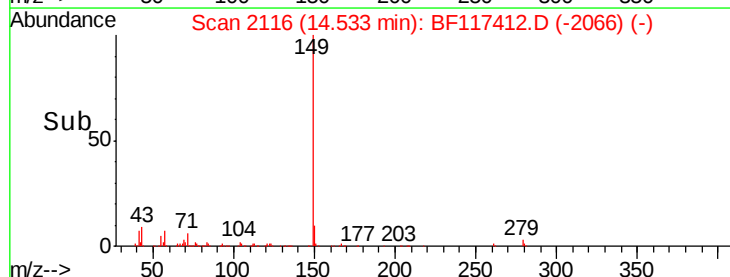
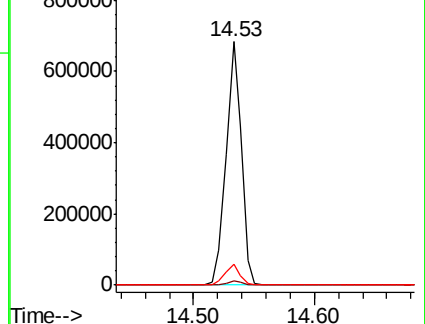
43 8.2 6.6 9.8

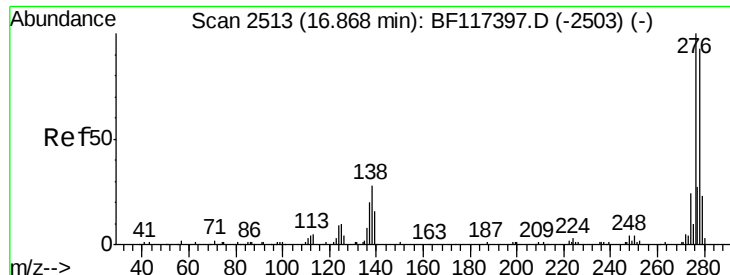


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

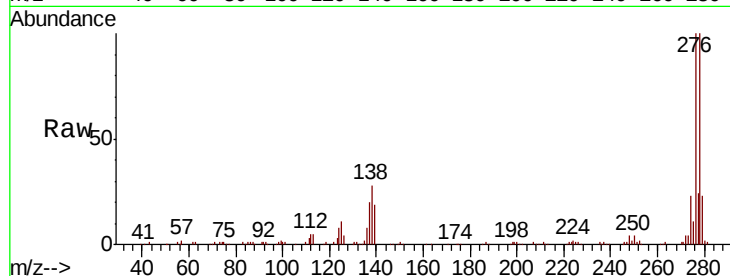




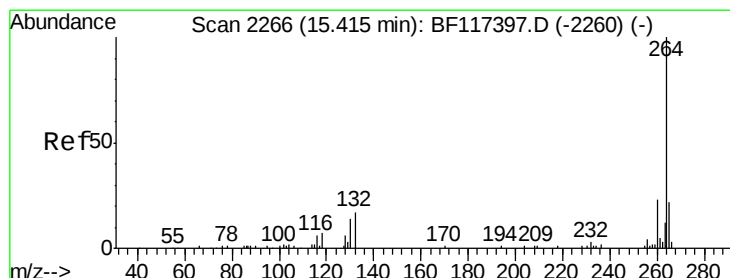
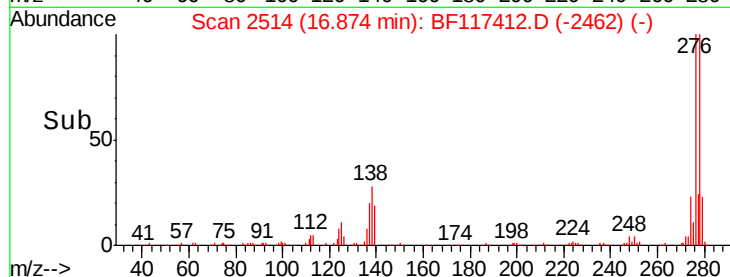
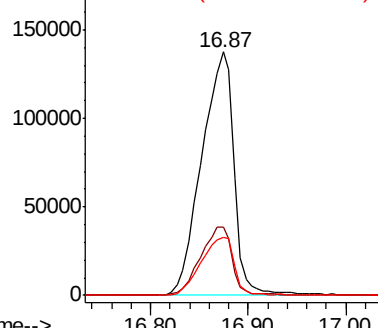
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 52.212 ng
 RT: 16.87 min Scan# 2514
 Delta R.T. 0.01 min
 Lab File: BF117412.D
 Acq: 16 Oct 2019 14:39

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-101119MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.6	21.5	32.3
277	24.7	20.1	30.1

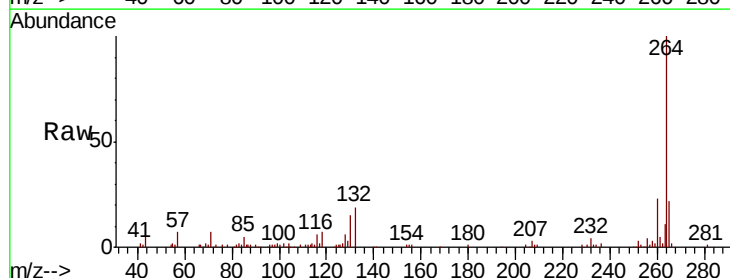


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

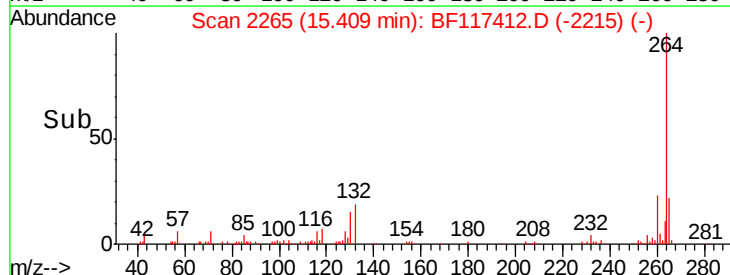
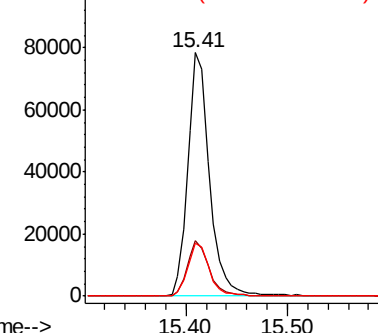


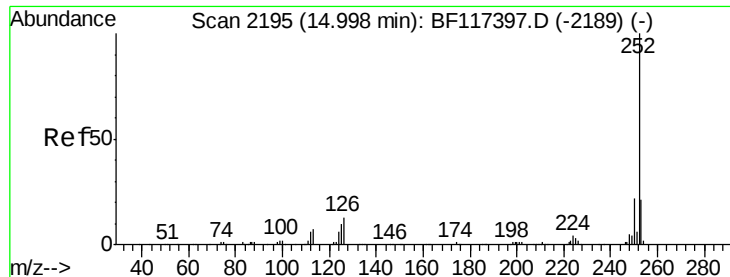
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. -0.01 min
 Lab File: BF117412.D
 Acq: 16 Oct 2019 14:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.6	27.8
265	22.0	17.4	26.0



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

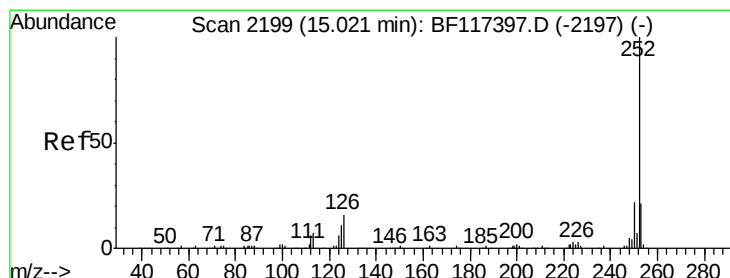
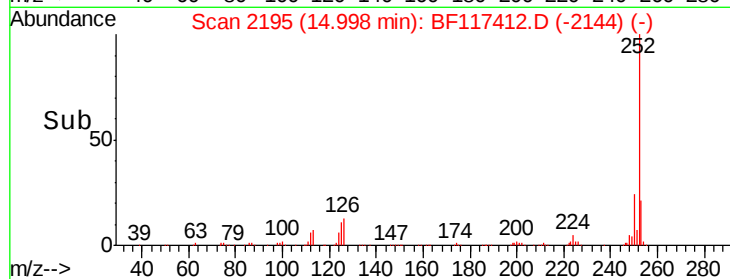
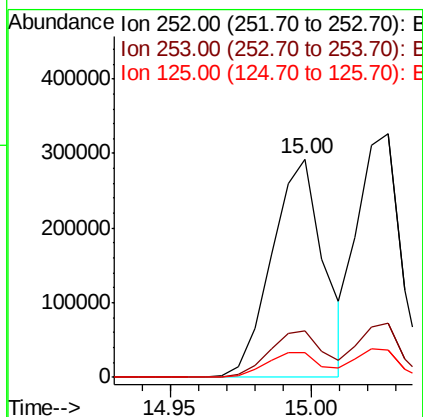
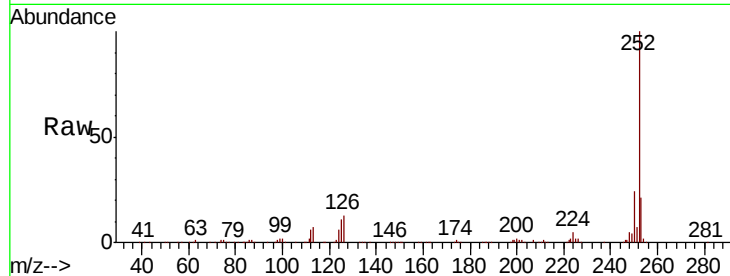




#88
Benzo(b)fluoranthene
Concen: 51.598 ng
RT: 15.00 min Scan# 2195
Delta R.T. 0.00 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

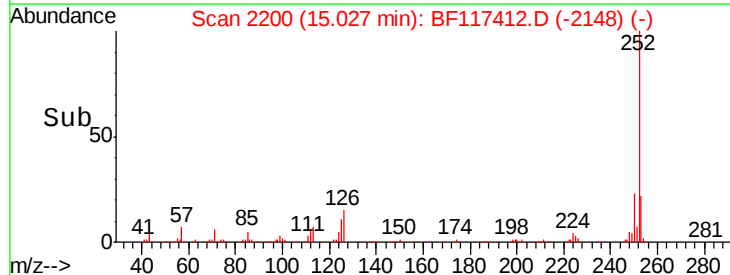
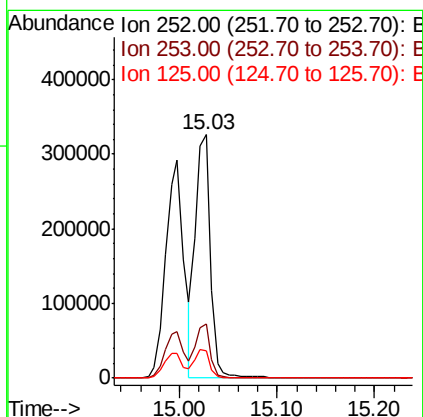
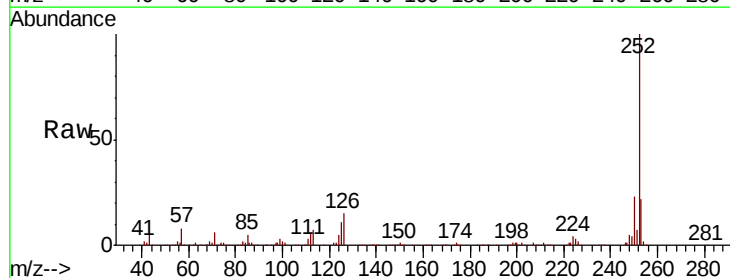
Instrument :
BNA_F
ClientSampleId :
OR-03-101119MS

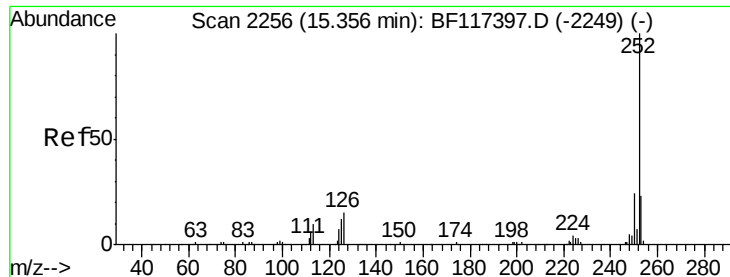
Tot Ion:252 Resp: 373866
Ion Ratio Lower Upper
252 100
253 21.4 17.2 25.8
125 11.2 8.2 12.2



#89
Benzo(k)fluoranthene
Concen: 48.921 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF117412.D
Acq: 16 Oct 2019 14:39

Tgt Ion:252 Resp: 352269
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 11.2 9.4 14.2





#90

Benzo(a)pyrene

Concen: 52.719 ng

RT: 15.36 min Scan# 2256

Delta R.T. 0.00 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

Instrument :

BNA_F

ClientSampleId :

OR-03-101119MS

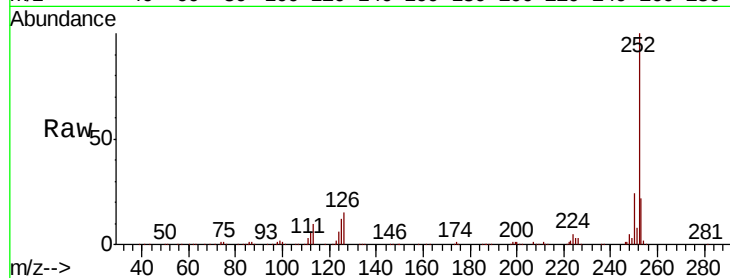
Tot Ion:252 Resp: 338259

Ion Ratio Lower Upper

252 100

253 21.6 18.0 27.0

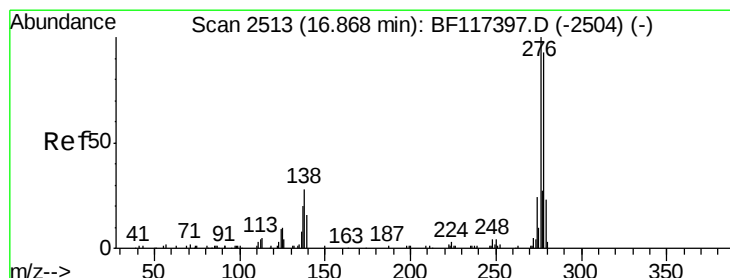
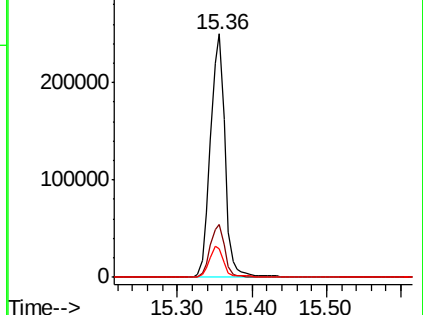
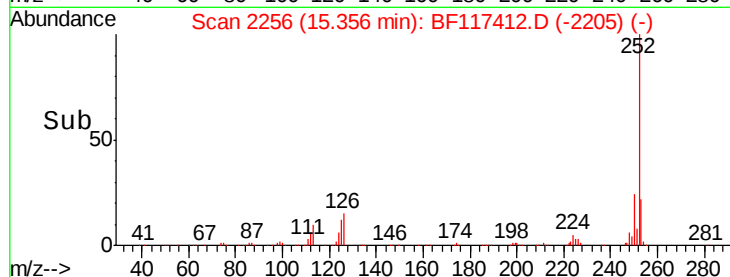
125 11.8 9.4 14.0



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



#91

Dibenzo(a,h)anthracene

Concen: 49.372 ng

RT: 16.87 min Scan# 2513

Delta R.T. 0.00 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

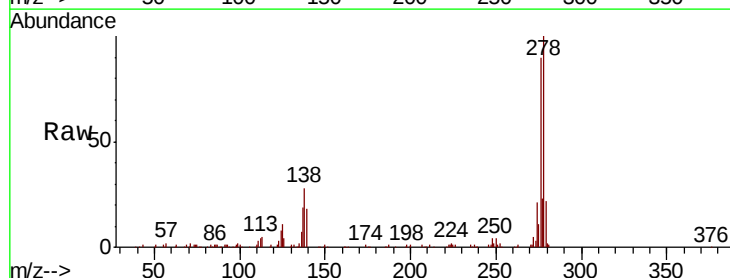
Tgt Ion:278 Resp: 271449

Ion Ratio Lower Upper

278 100

139 18.3 14.1 21.1

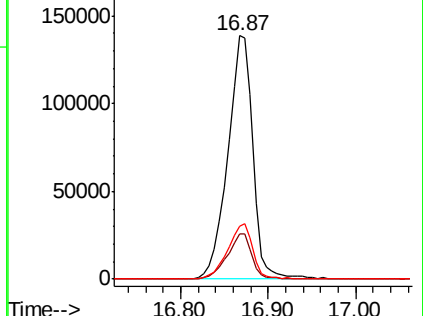
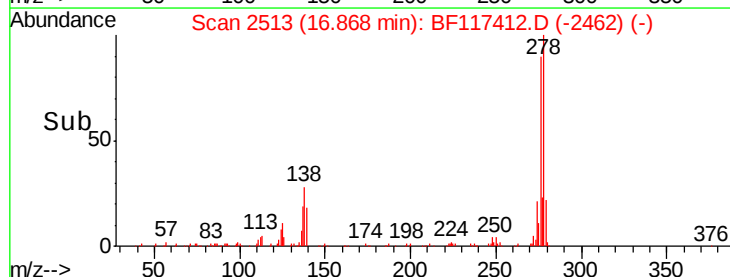
279 21.9 19.8 29.6

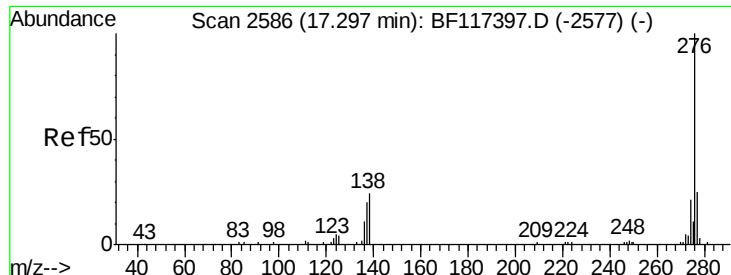


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 48.275 ng

RT: 17.30 min Scan# 2587

Delta R.T. 0.01 min

Lab File: BF117412.D

Acq: 16 Oct 2019 14:39

Instrument :

BNA_F

ClientSampleId :

OR-03-101119MS

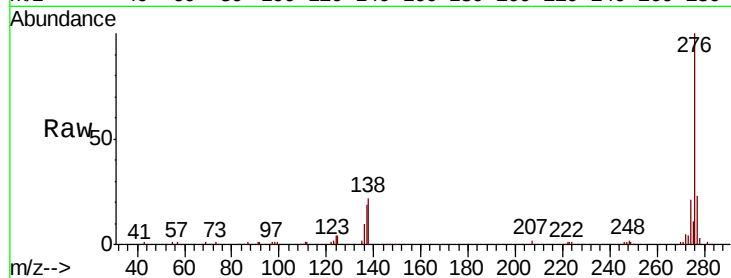
Tot Ion:276 Resp: 252643

Ion Ratio Lower Upper

276 100

277 22.6 19.9 29.9

138 21.9 19.3 28.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

