

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
 Data File : BF117556.D
 Acq On : 28 Oct 2019 12:02
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 29 14:03:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	42740	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	180036	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	91000	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	148052	20.00	ng	0.00
76) Chrysene-d12	13.90	240	92113	20.00	ng	0.00
87) Perylene-d12	15.33	264	78906	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	241986	84.23	ng	0.00
7) Phenol-d6	6.39	99	321309	83.27	ng	0.00
23) Nitrobenzene-d5	7.30	82	303435	83.21	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	63146	80.20	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	523676	81.08	ng	0.00
79) Terphenyl-d14	12.83	244	480316	85.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	49966	41.367	ng	99
3) Pyridine	3.10	79	120364	40.707	ng	96
4) n-Nitrosodimethylamine	3.05	42	44242	41.243	ng	98
6) Aniline	6.39	93	186810	41.238	ng	# 77
8) 2-Chlorophenol	6.52	128	123182	40.634	ng	99
9) Benzaldehyde	6.28	77	82734	45.714	ng	96
10) Phenol	6.40	94	160051	40.640	ng	97
11) bis(2-Chloroethyl)ether	6.46	93	121723	41.787	ng	98
12) 1,3-Dichlorobenzene	6.67	146	139354	41.193	ng	98
13) 1,4-Dichlorobenzene	6.75	146	141488	41.228	ng	97
14) 1,2-Dichlorobenzene	6.90	146	132746	41.035	ng	96
15) Benzyl Alcohol	6.89	79	114801	41.643	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.00	45	131248	41.767	ng	# 42
17) 2-Methylphenol	7.00	107	104914	42.070	ng	# 92
18) Hexachloroethane	7.23	117	54253	40.502	ng	94
19) n-Nitroso-di-n-propylamine	7.15	70	96305	40.867	ng	99
20) 3+4-Methylphenols	7.16	107	138216	42.272	ng	# 69
22) Acetophenone	7.15	105	196021	41.003	ng	94
24) Nitrobenzene	7.32	77	140547	40.238	ng	99
25) Isophorone	7.56	82	255783	40.544	ng	98
26) 2-Nitrophenol	7.63	139	64745	41.560	ng	98
27) 2,4-Dimethylphenol	7.68	122	97430	41.848	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	159379	40.942	ng	98
29) 2,4-Dichlorophenol	7.89	162	100345	41.092	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	106752	40.737	ng	99
31) Naphthalene	8.03	128	364908	40.892	ng	99
32) Benzoic acid	7.83	122	27645	17.336	ng	98
33) 4-Chloroaniline	8.09	127	162790	43.225	ng	96
34) Hexachlorobutadiene	8.15	225	59328	39.114	ng	94
35) Caprolactam	8.47	113	34545	44.037	ng	95
36) 4-Chloro-3-methylphenol	8.59	107	115908	41.619	ng	100
37) 2-Methylnaphthalene	8.73	142	247101	41.094	ng	99
38) 1-Methylnaphthalene	8.82	142	230461	40.787	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	101474	41.401	ng	100

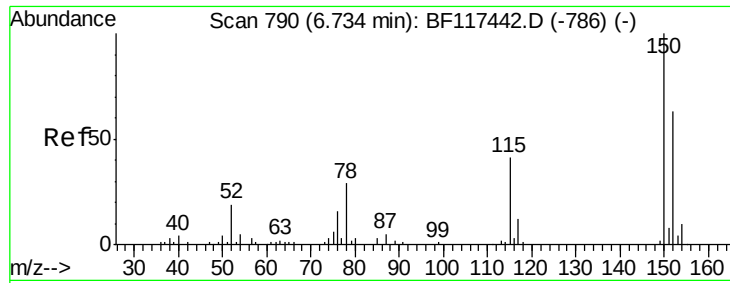
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
 Data File : BF117556.D
 Acq On : 28 Oct 2019 12:02
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 29 14:03:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	7220	22.806	ng	96
43) 2,4,6-Trichlorophenol	9.02	196	63181	41.164	ng	98
44) 2,4,5-Trichlorophenol	9.07	196	67029	43.097	ng	95
46) 1,1'-Biphenyl	9.19	154	307781	40.855	ng	98
47) 2-Chloronaphthalene	9.22	162	234877	41.350	ng	98
48) 2-Nitroaniline	9.32	65	79174	42.460	ng	99
49) Acenaphthylene	9.63	152	349327	41.869	ng	99
50) Dimethylphthalate	9.49	163	265522	40.929	ng	99
51) 2,6-Dinitrotoluene	9.56	165	58101	42.919	ng	92
52) Acenaphthene	9.80	154	211424	41.303	ng	99
53) 3-Nitroaniline	9.73	138	70254	42.772	ng	94
54) 2,4-Dinitrophenol	9.87	184	18219	35.204	ng	95
55) Dibenzofuran	9.97	168	310411	41.856	ng	99
56) 4-Nitrophenol	9.93	139	14686	22.551	ng	94
57) 2,4-Dinitrotoluene	9.97	165	76229	42.353	ng	94
58) Fluorene	10.32	166	254799	41.547	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	39923	32.659	ng	96
60) Diethylphthalate	10.19	149	270734	41.260	ng	99
61) 4-Chlorophenyl-phenylether	10.30	204	113900	41.395	ng	90
62) 4-Nitroaniline	10.35	138	70612	45.609	ng	96
63) Azobenzene	10.46	77	282019	41.985	ng	99
65) 4,6-Dinitro-2-methylphenol	10.39	198	26472	35.168	ng	99
66) n-Nitrosodiphenylamine	10.42	169	220595	40.757	ng	99
67) 4-Bromophenyl-phenylether	10.79	248	63549	39.850	ng	91
68) Hexachlorobenzene	10.87	284	68143	39.900	ng	98
69) Atrazine	10.95	200	48975	35.565	ng	99
70) Pentachlorophenol	11.08	266	7791	15.218	ng	# 90
71) Phenanthrene	11.27	178	348948	40.590	ng	99
72) Anthracene	11.33	178	360528	40.872	ng	99
73) Carbazole	11.49	167	333963	41.429	ng	99
74) Di-n-butylphthalate	11.80	149	426524	39.599	ng	99
75) Fluoranthene	12.47	202	343651	39.931	ng	98
77) Benzidine	12.59	184	128183	54.602	ng	99
78) Pyrene	12.70	202	347218	43.885	ng	99
80) Butylbenzylphthalate	13.30	149	164809	41.860	ng	95
81) Benzo(a)anthracene	13.89	228	262579	42.260	ng	98
82) 3,3'-Dichlorobenzidine	13.84	252	87480	44.868	ng	98
83) Chrysene	13.92	228	253230	41.585	ng	100
84) Bis(2-ethylhexyl)phthalate	13.86	149	214726	38.933	ng	98
85) Di-n-octyl phthalate	14.47	149	340206	40.120	ng	100
86) Indeno(1,2,3-cd)pyrene	16.75	276	195465	42.993	ng	98
88) Benzo(b)fluoranthene	14.92	252	192058	41.219	ng	99
89) Benzo(k)fluoranthene	14.95	252	209915	43.955	ng	98
90) Benzo(a)pyrene	15.27	252	177385	41.871	ng	95
91) Dibenzo(a,h)anthracene	16.75	278	162527	44.368	ng	97
92) Benzo(g,h,i)perylene	17.17	276	156312	45.099	ng	95

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

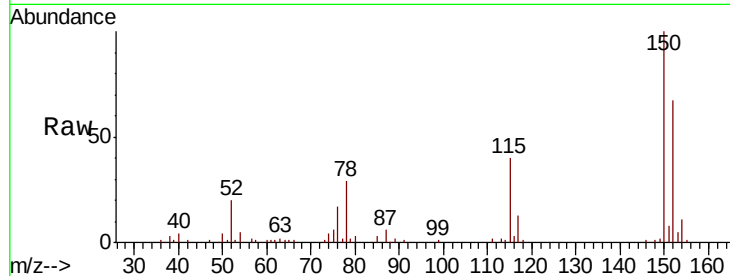


#1

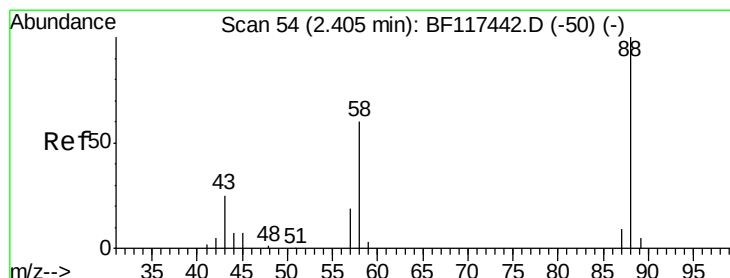
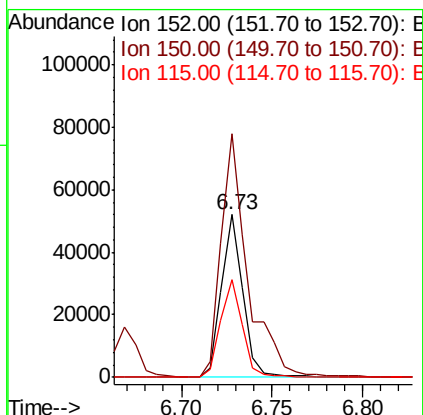
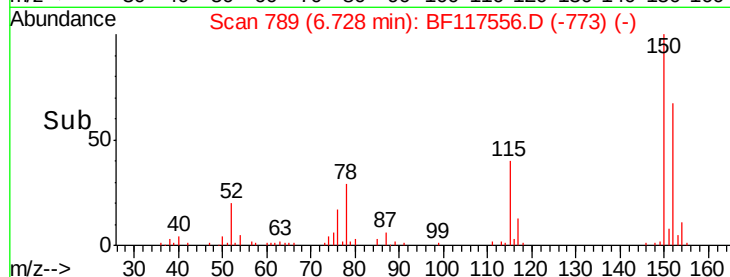
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117556.D
Acq: 28 Oct 2019 12:02

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 42740
Ion Ratio Lower Upper
152 100
150 149.5 126.8 190.2
115 60.2 51.6 77.4



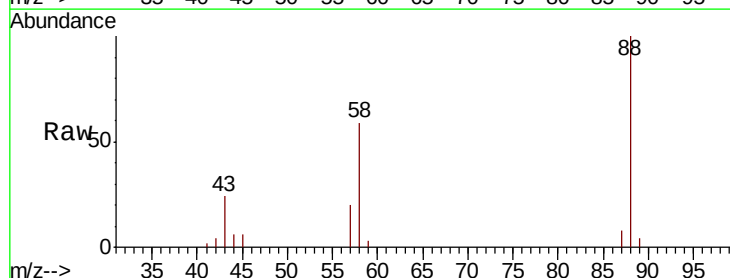
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



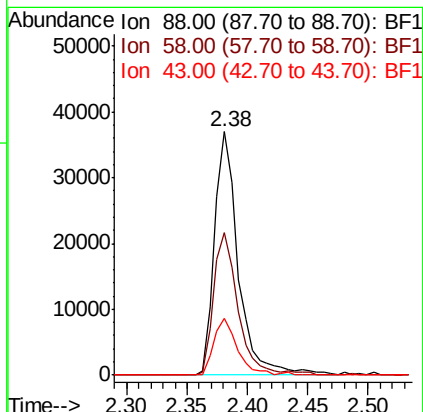
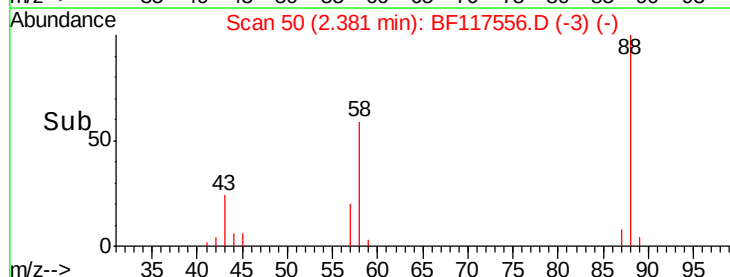
#2

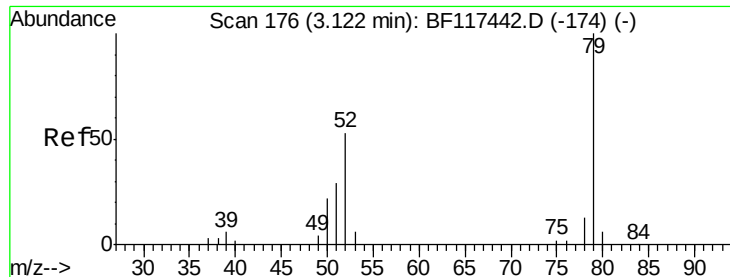
1,4-Dioxane
Concen: 41.367 ng
RT: 2.38 min Scan# 50
Delta R.T. -0.02 min
Lab File: BF117556.D
Acq: 28 Oct 2019 12:02

Tgt Ion: 88 Resp: 49966
Ion Ratio Lower Upper
88 100
58 60.6 48.8 73.2
43 22.7 18.5 27.7



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 40.707 ng

RT: 3.10 min Scan# 172

Delta R.T. -0.02 min

Lab File: BF117556.D

Acq: 28 Oct 2019 12:02

Instrument :

BNA_E

ClientSampleId :

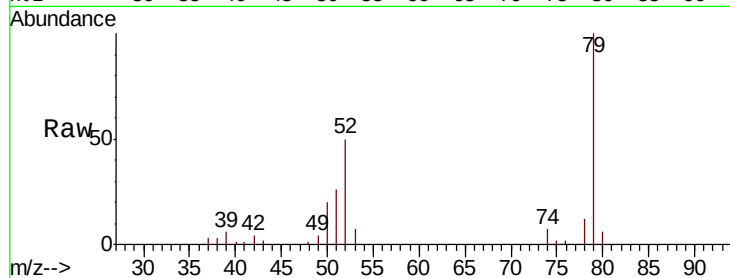
Tot Ion: 79 Resp: 120364

Ion Ratio Lower Upper

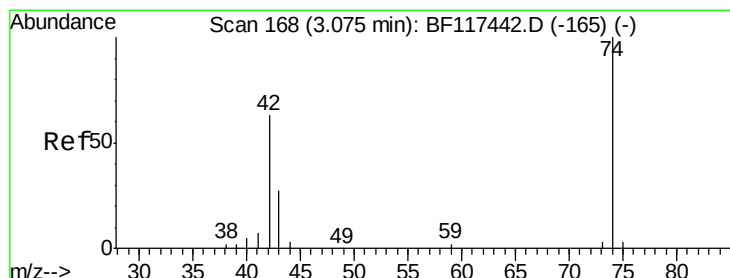
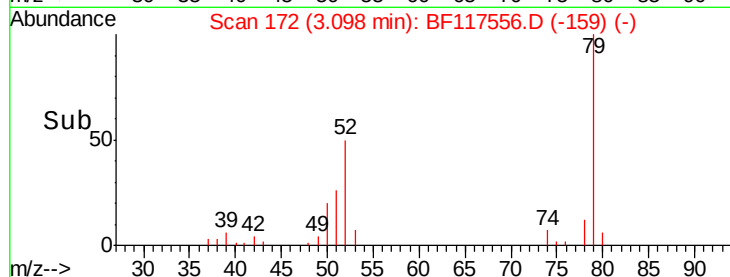
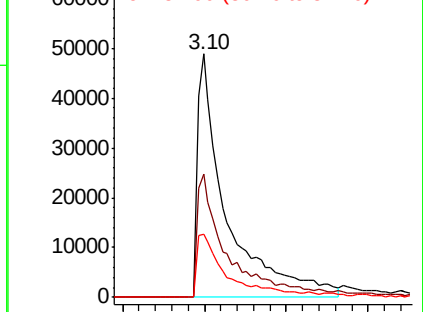
79 100

52 50.5 42.4 63.6

51 26.2 23.3 34.9



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 41.243 ng

RT: 3.05 min Scan# 164

Delta R.T. -0.02 min

Lab File: BF117556.D

Acq: 28 Oct 2019 12:02

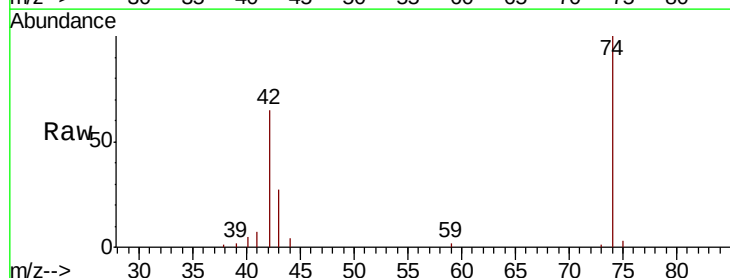
Tgt Ion: 42 Resp: 44242

Ion Ratio Lower Upper

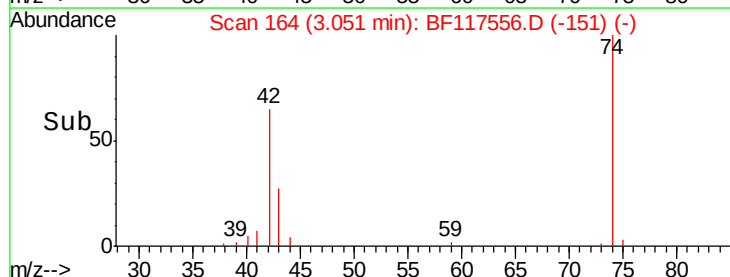
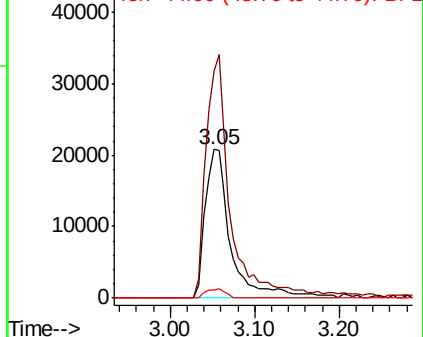
42 100

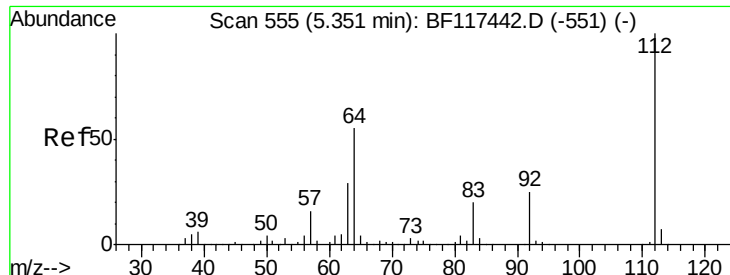
74 152.9 124.2 186.4

44 5.5 4.2 6.4



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 84.231 ng

RT: 5.35 min Scan# 555

Delta R.T. -0.00 min

Lab File: BF117556.D

Acq: 28 Oct 2019 12:02

Instrument :

BNA_E

ClientSampled :

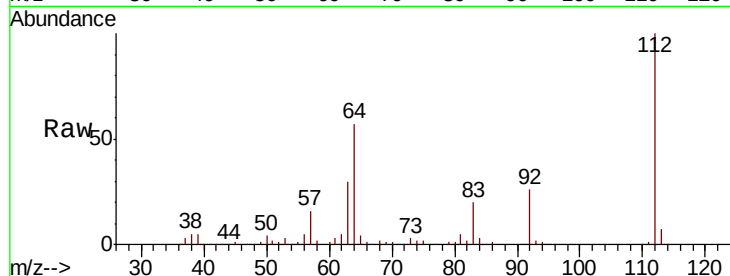
Tot Ion: 112 Resp: 241986

Ion Ratio Lower Upper

112 100

64 56.6 44.1 66.1

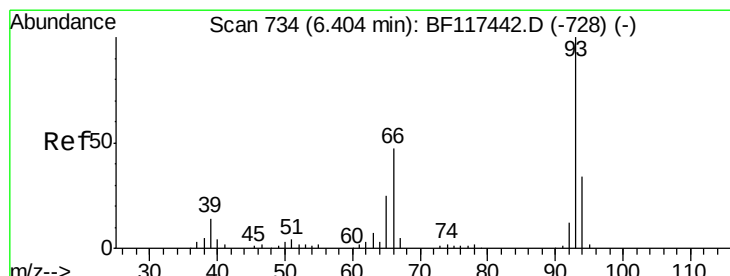
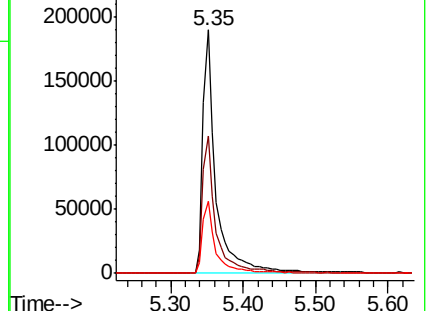
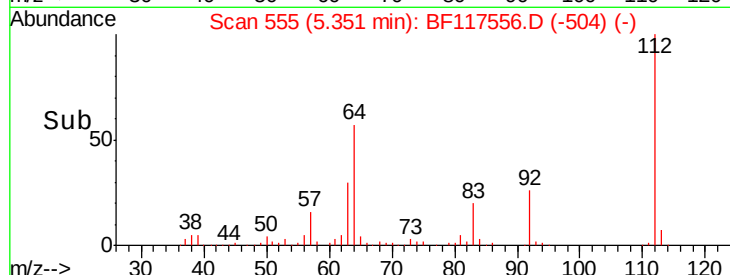
63 29.8 23.4 35.2



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: 41.238 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF117556.D

Acq: 28 Oct 2019 12:02

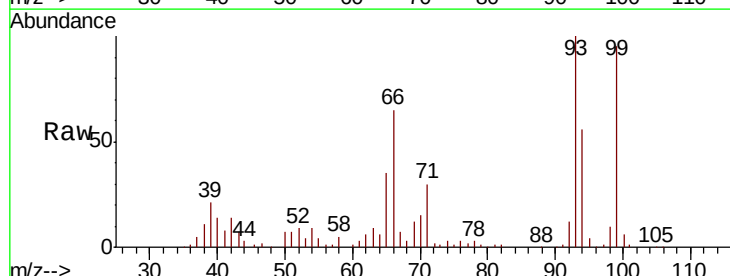
Tgt Ion: 93 Resp: 186810

Ion Ratio Lower Upper

93 100

66 64.8 38.7 58.1#

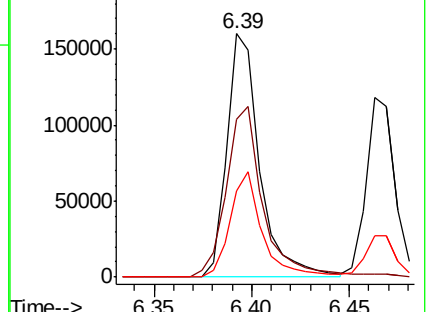
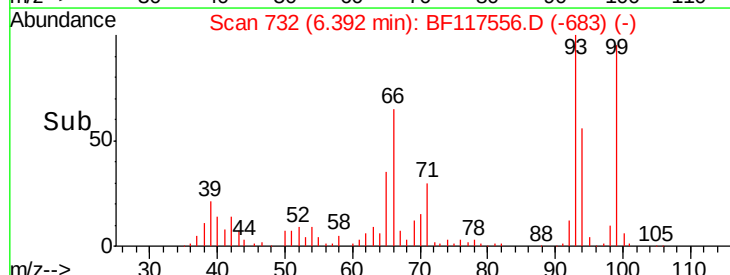
65 35.1 20.1 30.1#

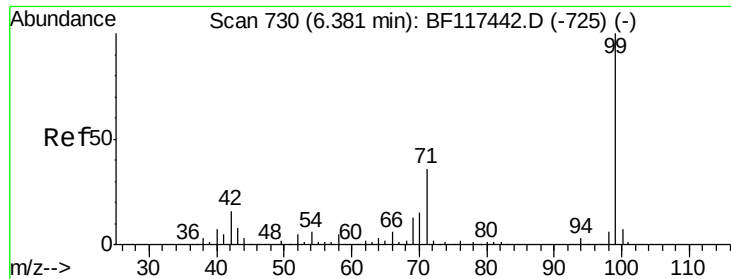


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 83.271 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117556.D

Acq: 28 Oct 2019 12:02

Instrument :

BNA_E

ClientSampleId :

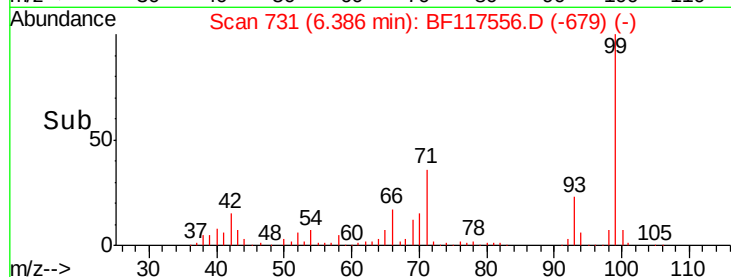
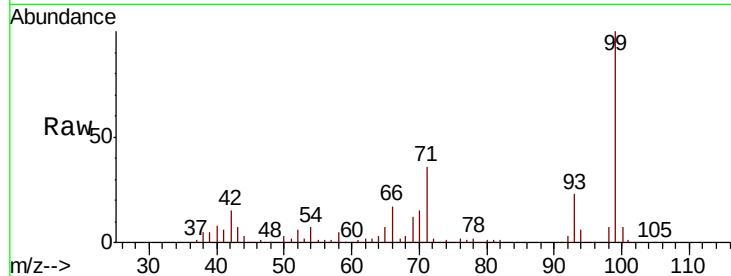
Tot Ion: 99 Resp: 321309

Ion Ratio Lower Upper

99 100

42 15.2 12.8 19.2

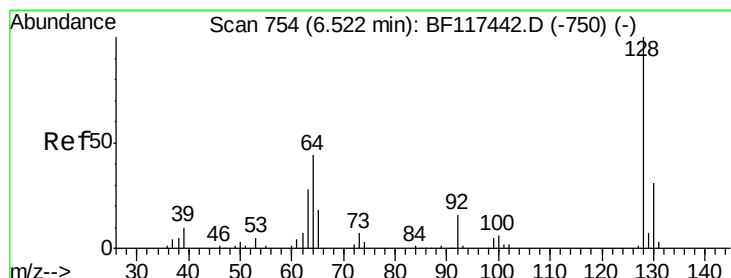
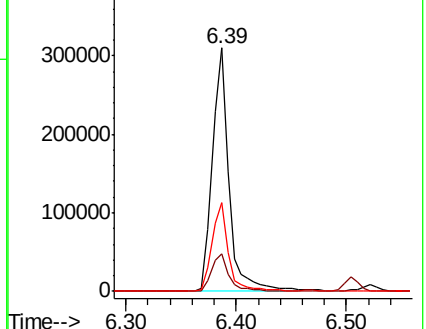
71 36.2 28.6 43.0



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: 40.634 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF117556.D

Acq: 28 Oct 2019 12:02

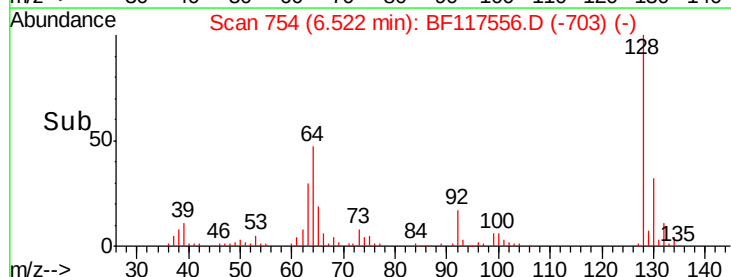
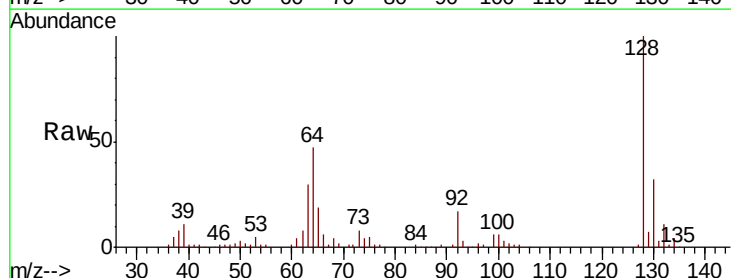
Tgt Ion: 128 Resp: 123182

Ion Ratio Lower Upper

128 100

130 32.1 11.1 51.1

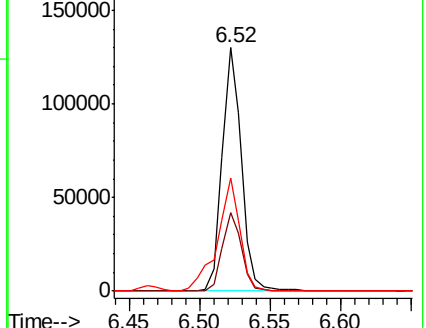
64 46.6 27.1 67.1

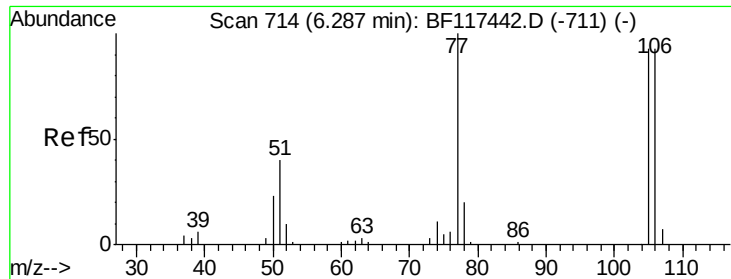


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 45.714 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF117556.D

Acq: 28 Oct 2019 12:02

Instrument :

BNA_E

ClientSampleId :

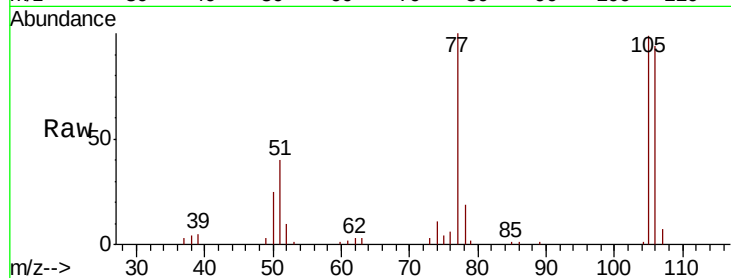
Tot Ion: 77 Resp: 82734

Ion Ratio Lower Upper

77 100

105 98.8 73.4 113.4

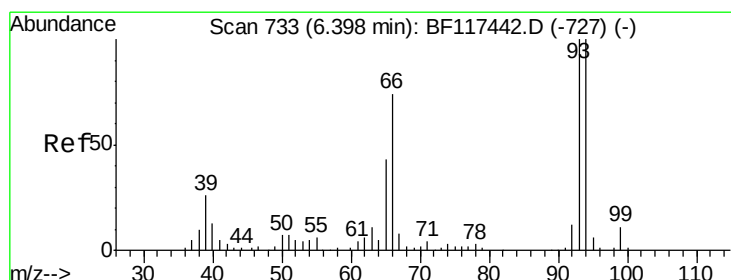
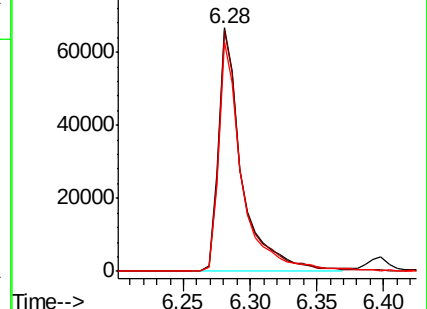
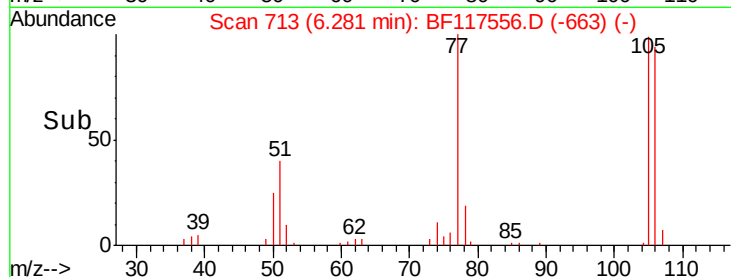
106 94.5 73.0 113.0



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: 40.640 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF117556.D

Acq: 28 Oct 2019 12:02

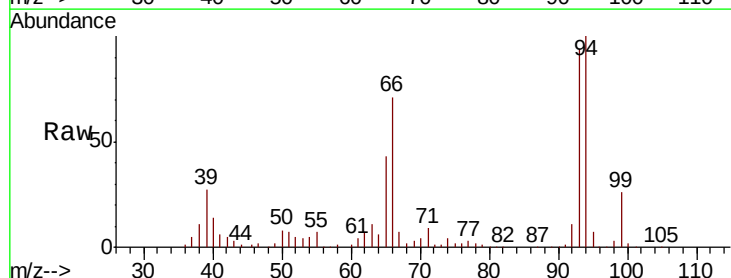
Tgt Ion: 94 Resp: 160051

Ion Ratio Lower Upper

94 100

65 43.3 23.4 63.4

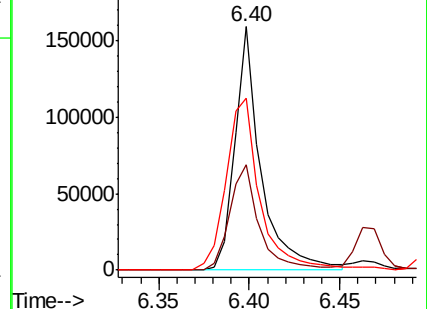
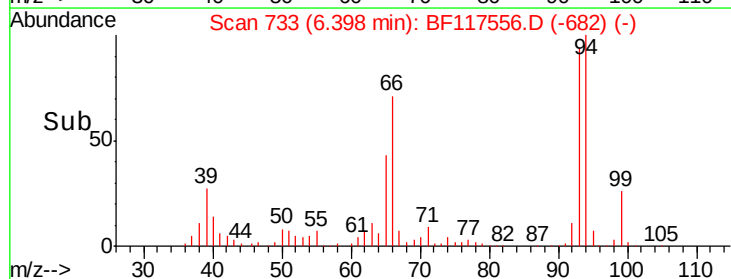
66 70.7 54.7 94.7

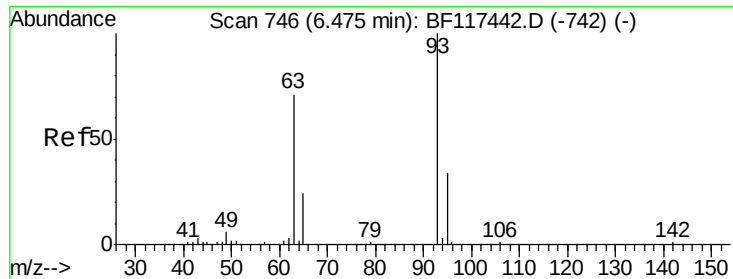


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

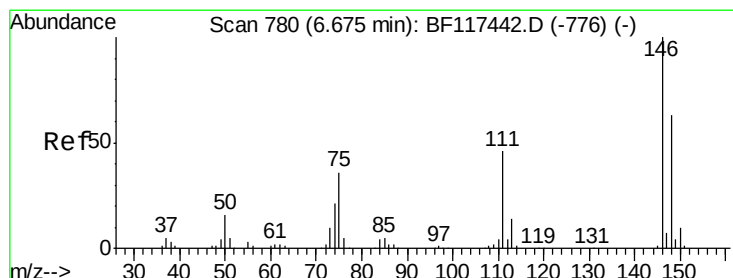
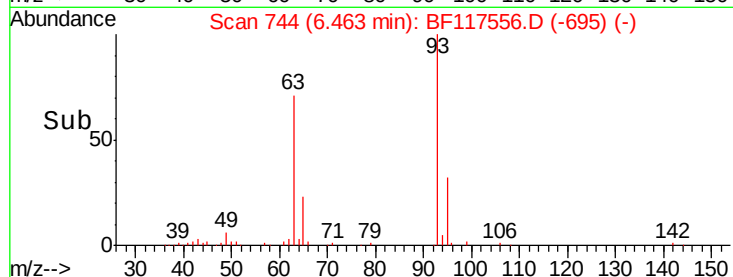
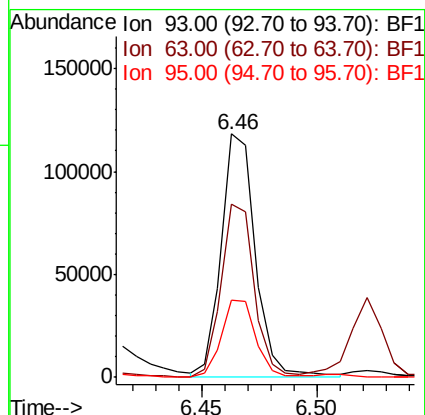
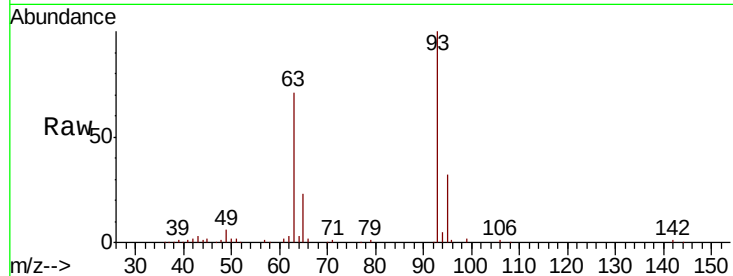




#11
 bis(2-Chloroethyl)ether
 Concen: 41.787 ng
 RT: 6.46 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF117556.D
 Acq: 28 Oct 2019 12:02

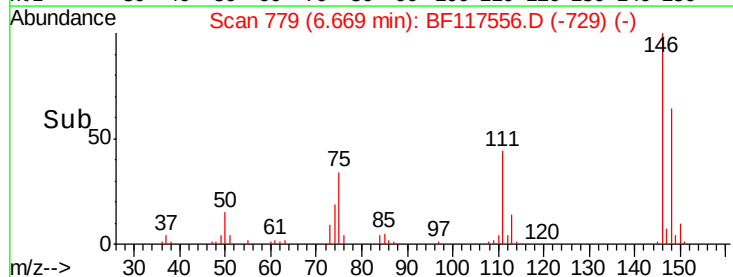
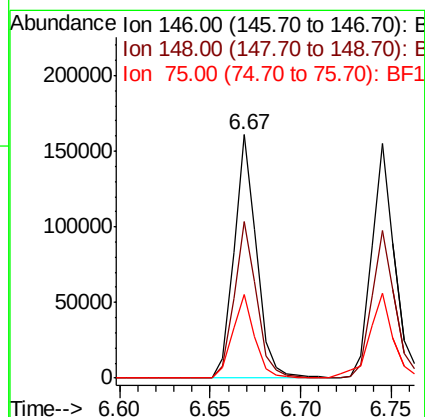
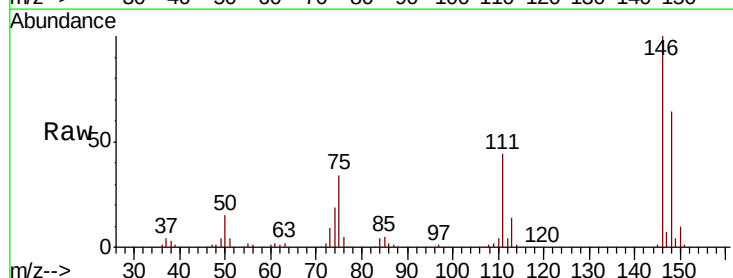
Instrument :
 BNA_E
 ClientSampleId :

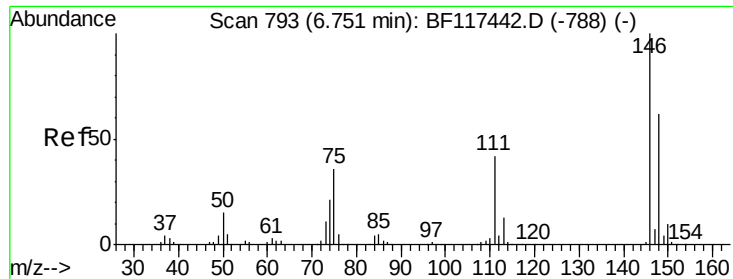
Tot Ion: 93 Resp: 121723
 Ion Ratio Lower Upper
 93 100
 63 71.3 50.2 90.2
 95 31.8 13.9 53.9



#12
 1,3-Dichlorobenzene
 Concen: 41.193 ng
 RT: 6.67 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF117556.D
 Acq: 28 Oct 2019 12:02

Tgt Ion: 146 Resp: 139354
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.6 75.8
 75 34.3 28.6 43.0

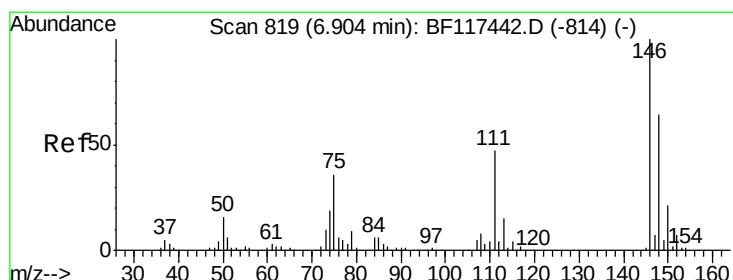
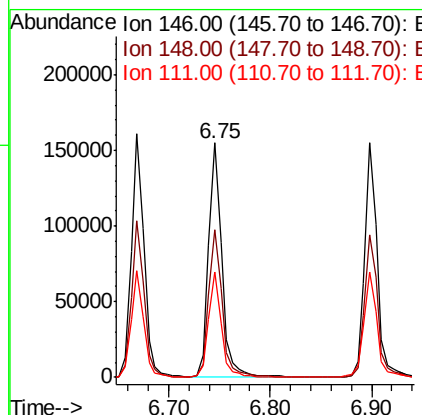
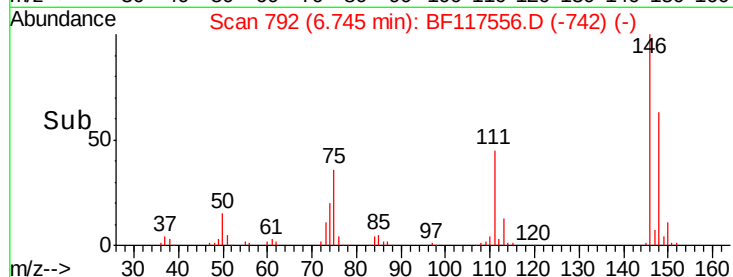
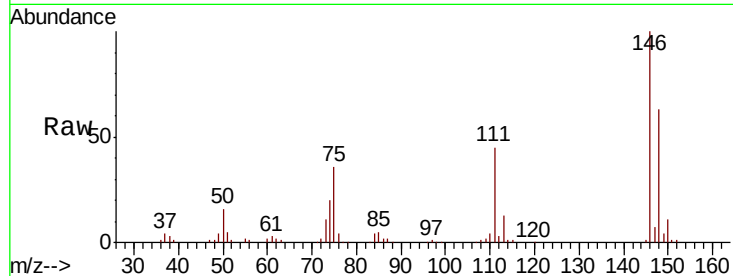




#13
1,4-Dichlorobenzene
Concen: 41.228 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF117556.D
Acq: 28 Oct 2019 12:02

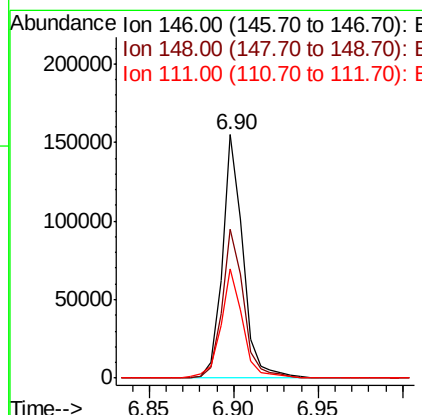
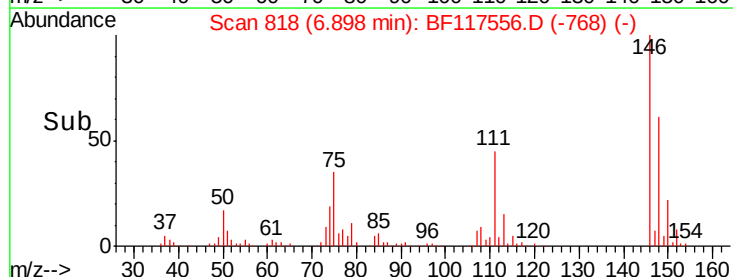
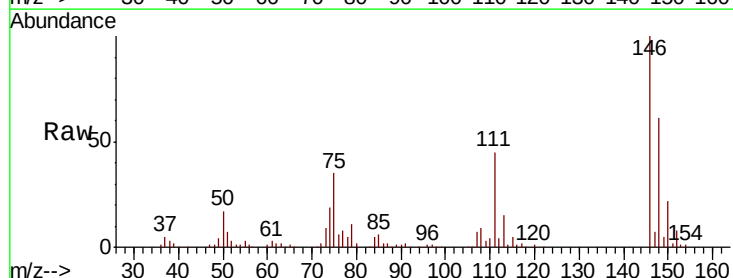
Instrument :
BNA_E
ClientSampled :

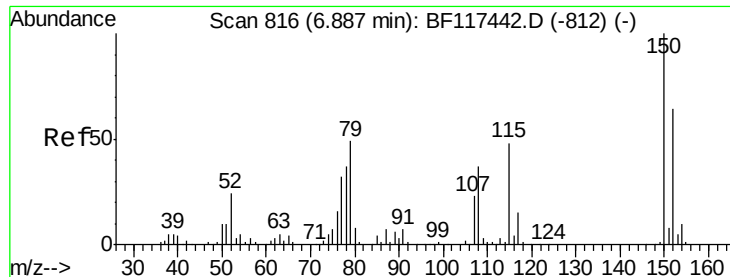
Tot Ion:146 Resp: 141488
Ion Ratio Lower Upper
146 100
148 63.1 49.3 73.9
111 45.2 33.6 50.4



#14
1,2-Dichlorobenzene
Concen: 41.035 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF117556.D
Acq: 28 Oct 2019 12:02

Tgt Ion:146 Resp: 132746
Ion Ratio Lower Upper
146 100
148 61.0 51.4 77.0
111 44.7 37.7 56.5





#15

Benzyl Alcohol

Concen: 41.643 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF117556.D

Acq: 28 Oct 2019 12:02

Instrument :

BNA_E

ClientSampleId :

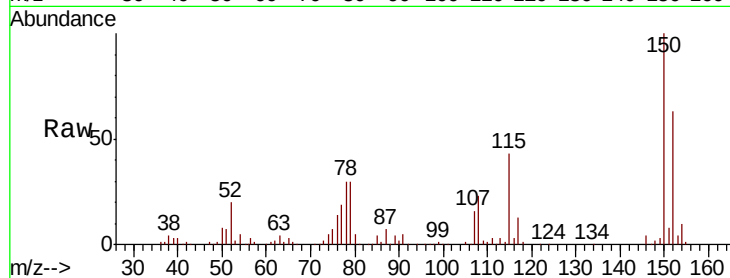
Tot Ion: 79 Resp: 114801

Ion Ratio Lower Upper

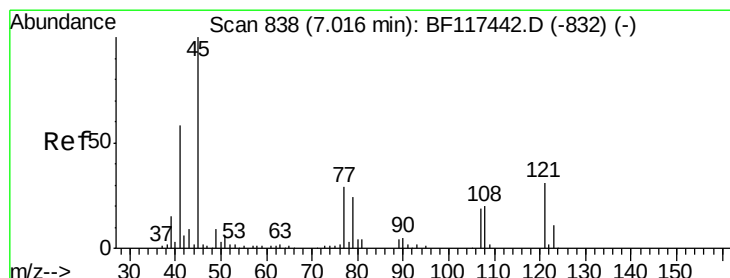
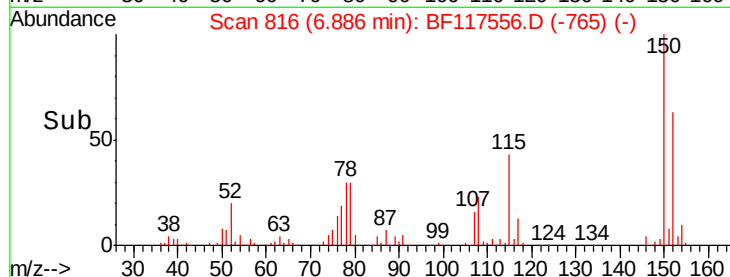
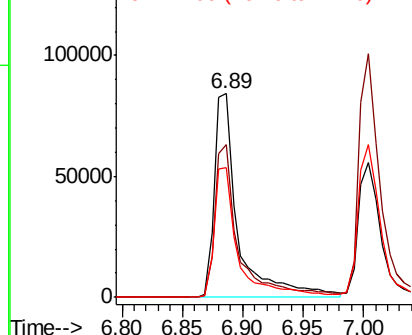
79 100

108 74.9 59.8 89.8

77 63.7 51.4 77.0



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: 41.767 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF117556.D

Acq: 28 Oct 2019 12:02

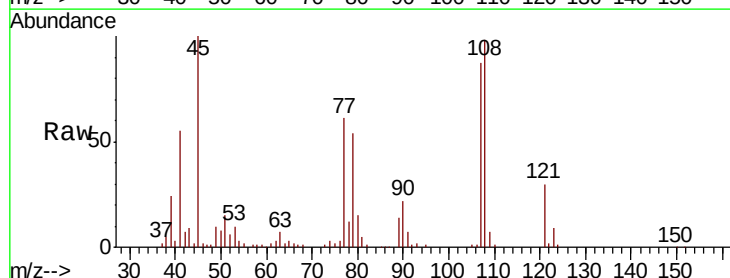
Tgt Ion: 45 Resp: 131248

Ion Ratio Lower Upper

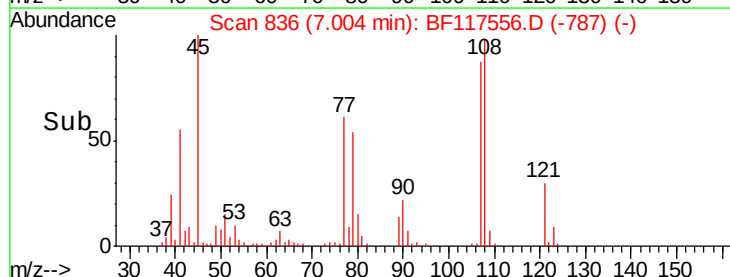
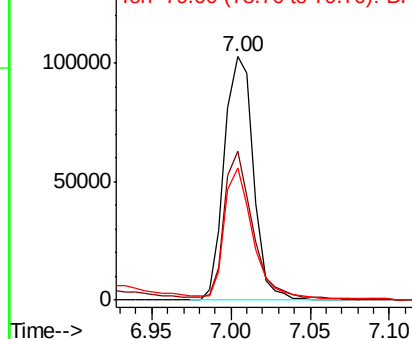
45 100

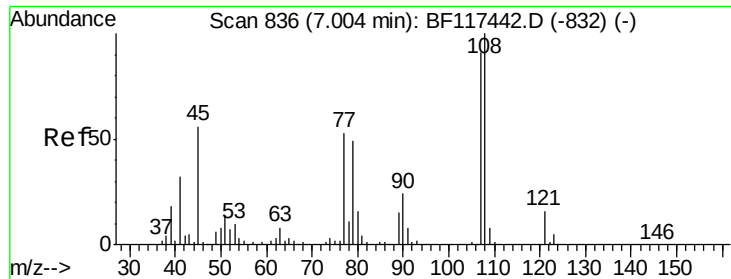
77 61.4 9.9 49.9#

79 54.4 5.5 45.5#



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

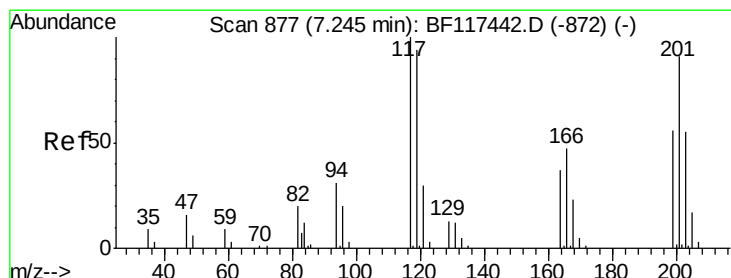
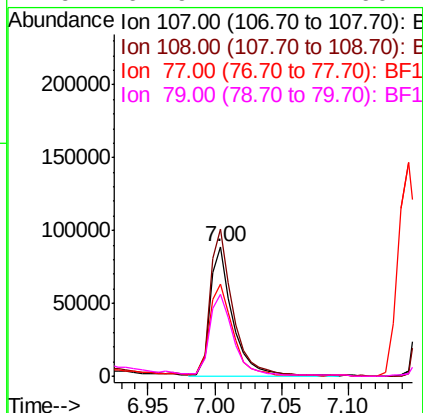
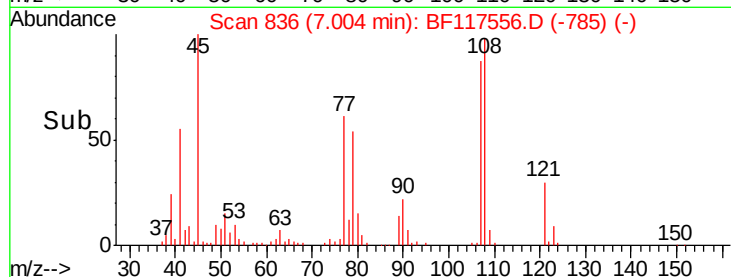
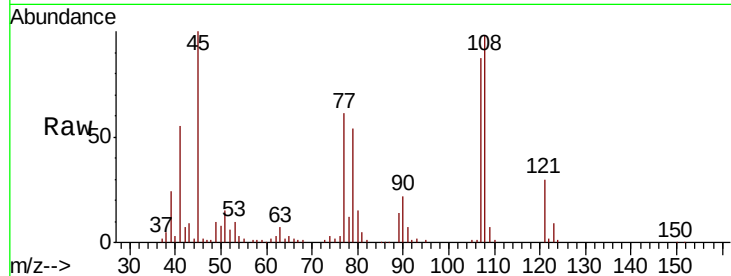




#17
2-Methylphenol
Concen: 42.070 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF117556.D
Acq: 28 Oct 2019 12:02

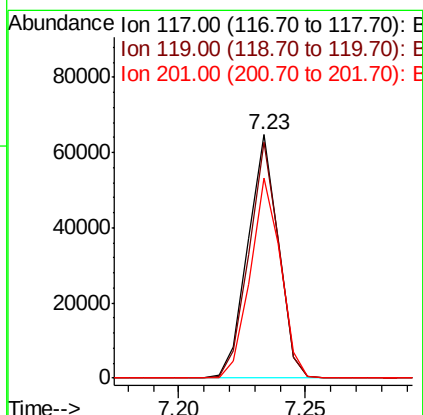
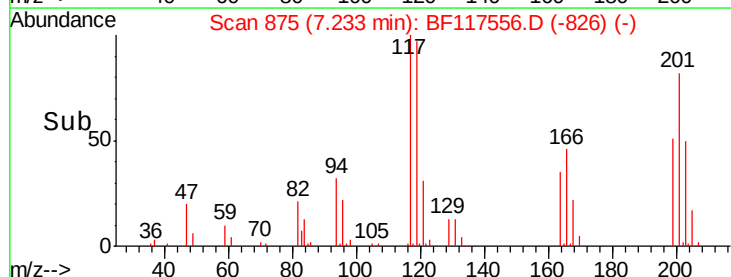
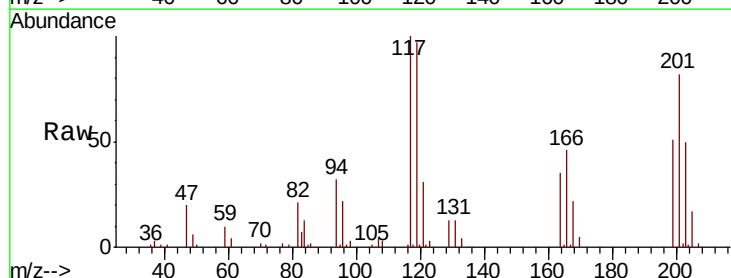
Instrument :
BNA_E
ClientSampled :

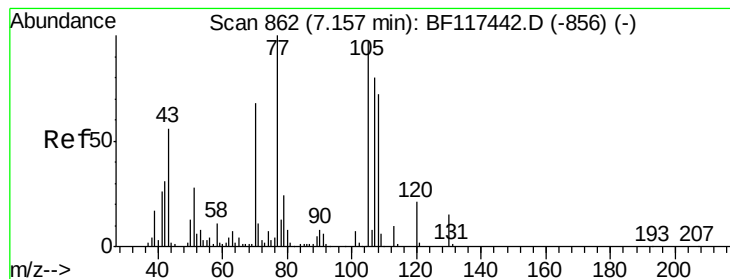
Tot Ion:107 Resp: 104914
Ion Ratio Lower Upper
107 100
108 113.2 88.0 132.0
77 70.9 47.2 70.8#
79 62.9 44.1 66.1



#18
Hexachloroethane
Concen: 40.502 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF117556.D
Acq: 28 Oct 2019 12:02

Tgt Ion:117 Resp: 54253
Ion Ratio Lower Upper
117 100
119 97.0 75.4 113.0
201 82.4 72.5 108.7





#19

n-Nitroso-di-n-propylamine

Concen: 40.867 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF117556.D

Acq: 28 Oct 2019 12:02

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 70 Resp: 96305

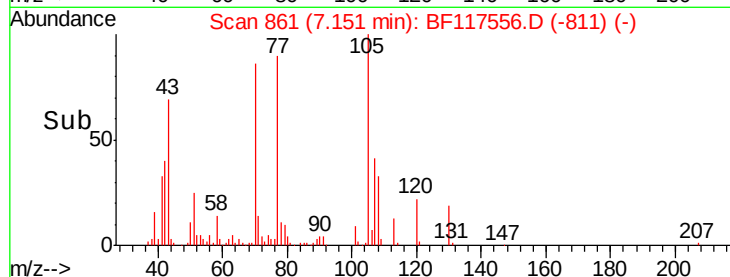
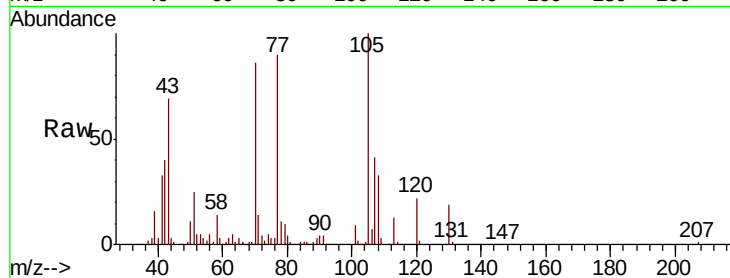
Ion Ratio Lower Upper

70 100

42 46.1 36.7 55.1

101 10.2 8.3 12.5

130 21.9 18.1 27.1

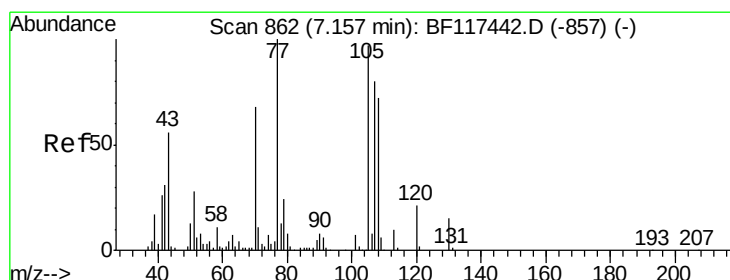
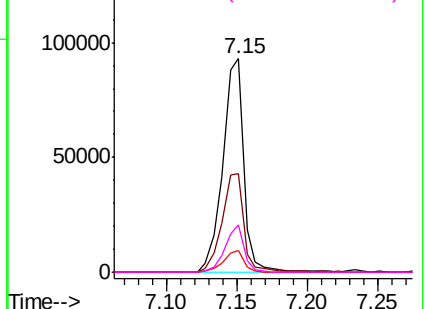


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 42.272 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF117556.D

Acq: 28 Oct 2019 12:02

Tgt Ion:107 Resp: 138216

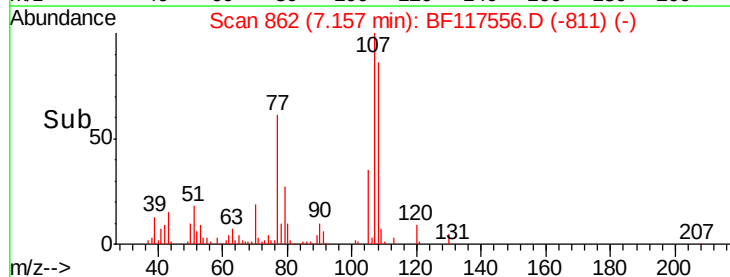
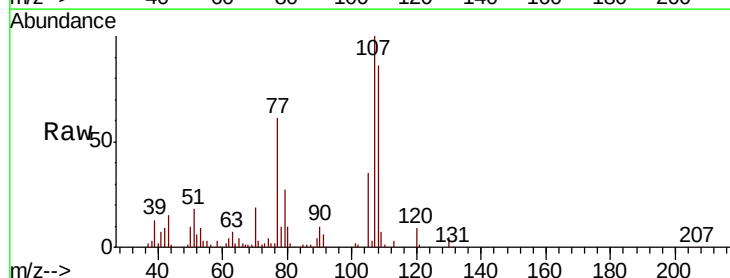
Ion Ratio Lower Upper

107 100

108 86.0 70.3 110.3

77 61.3 104.8 144.8#

79 27.5 10.0 50.0

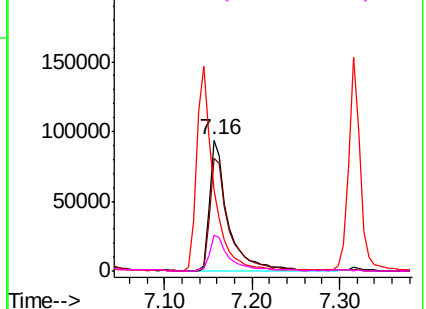


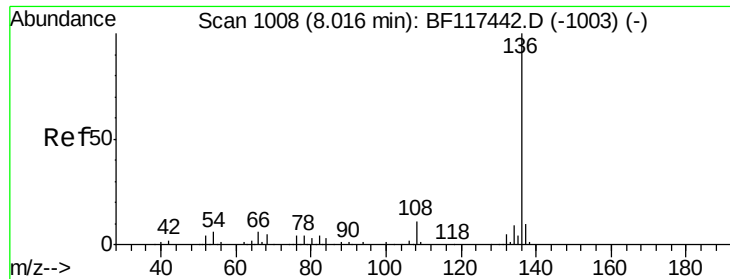
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

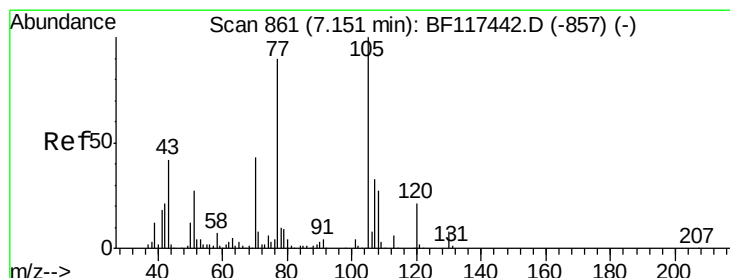
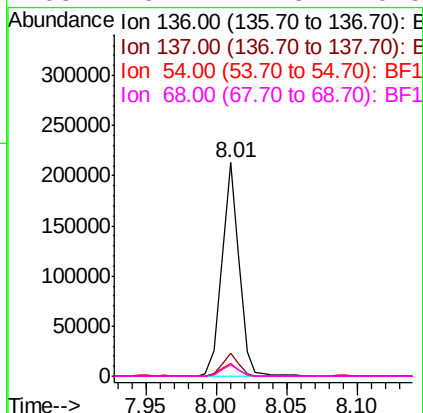
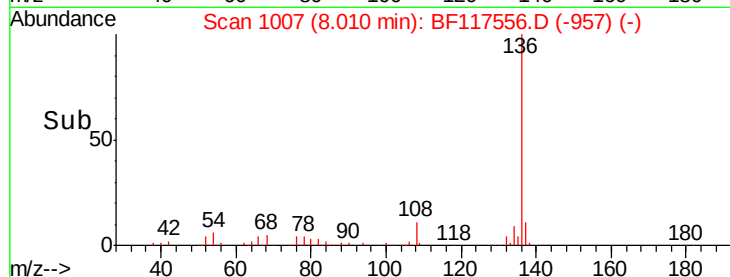
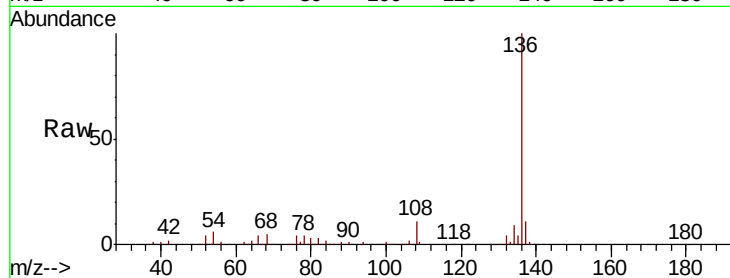




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117556.D
Acq: 28 Oct 2019 12:02

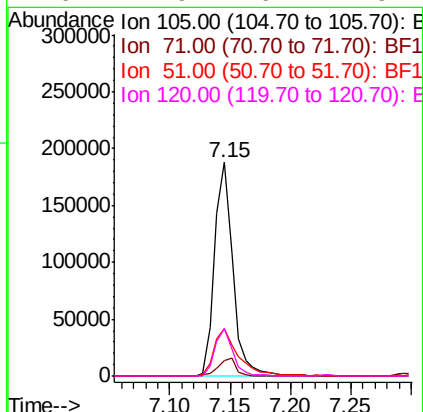
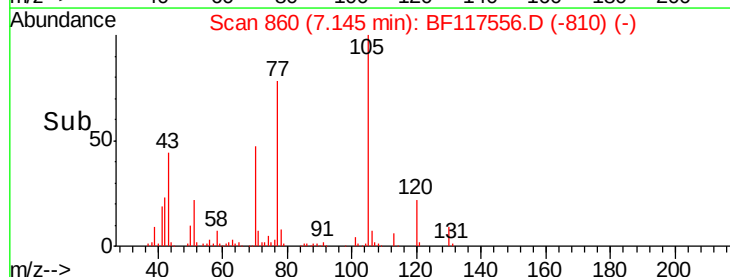
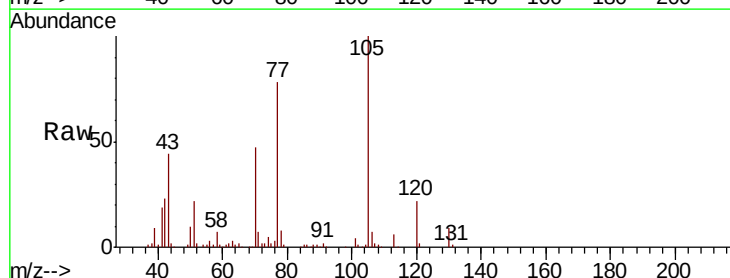
Instrument :
BNA_E
ClientSampleId :

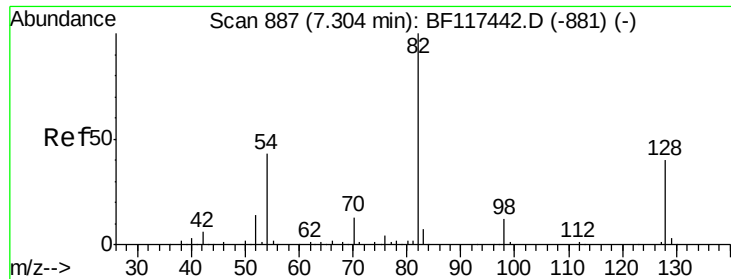
Tot Ion:136	Resp:	180036
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.2 12.4
54	6.1	4.5 6.7
68	5.2	4.3 6.5



#22
Acetophenone
Concen: 41.003 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF117556.D
Acq: 28 Oct 2019 12:02

Tgt Ion:105	Resp:	196021
Ion	Ratio	Lower Upper
105	100	
71	7.4	6.2 9.2
51	22.0	21.8 32.6
120	21.9	16.7 25.1

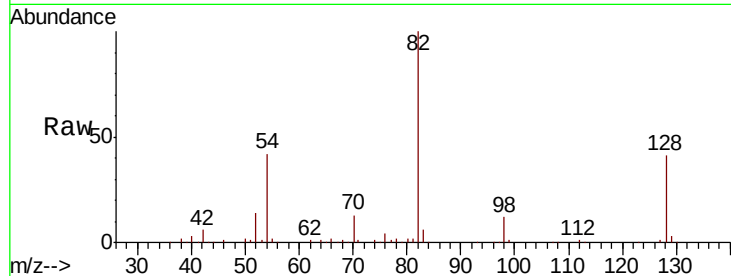




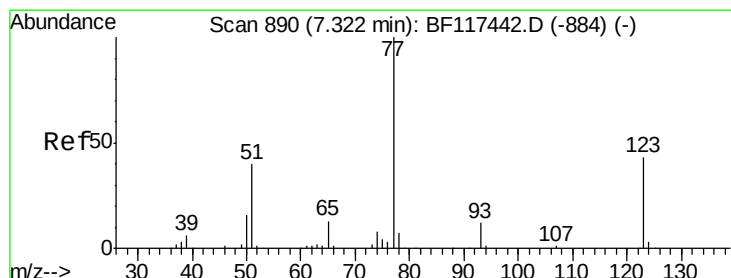
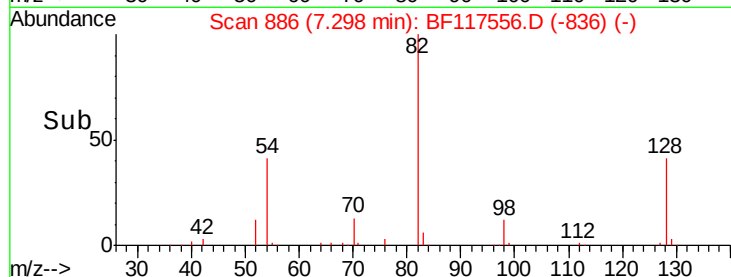
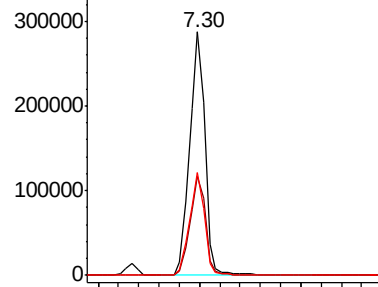
#23
Nitrobenzene-d5
Concen: 83.205 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117556.D
Acq: 28 Oct 2019 12:02

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.5	32.2	48.2
54	42.1	34.2	51.2

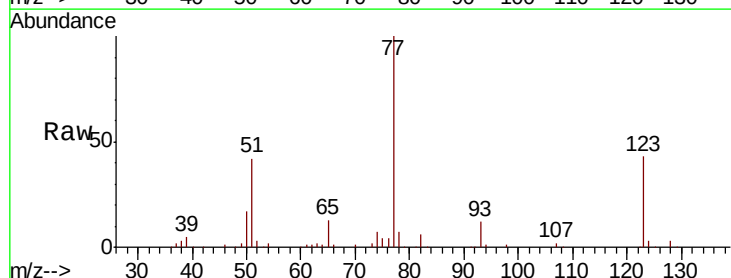


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

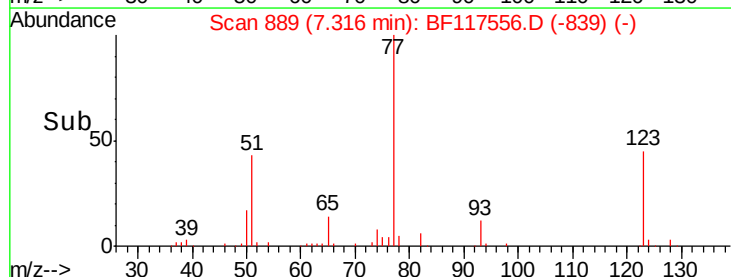
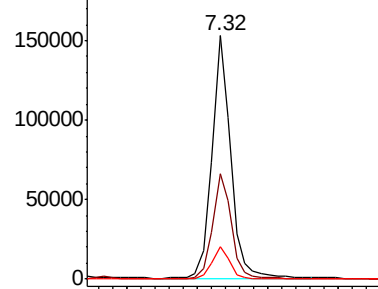


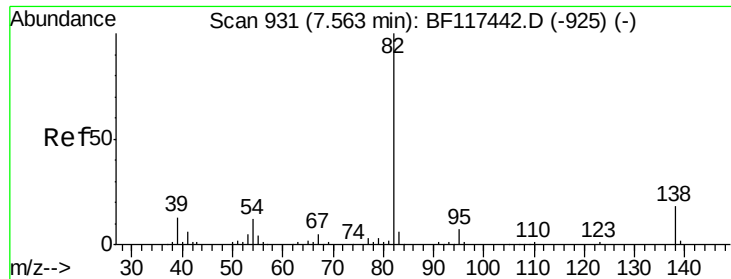
#24
Nitrobenzene
Concen: 40.238 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF117556.D
Acq: 28 Oct 2019 12:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.1	34.2	51.2
65	13.3	10.3	15.5



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





#25

Isophorone

Concen: 40.544 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF117556.D

Acq: 28 Oct 2019 12:02

Instrument :

BNA_E

ClientSampleId :

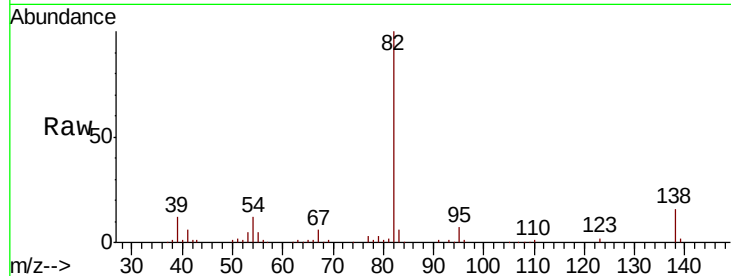
Tot Ion: 82 Resp: 255783

Ion Ratio Lower Upper

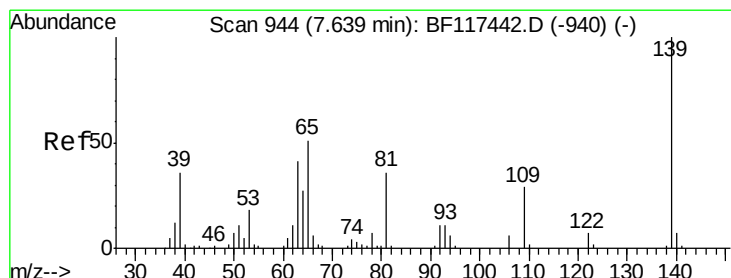
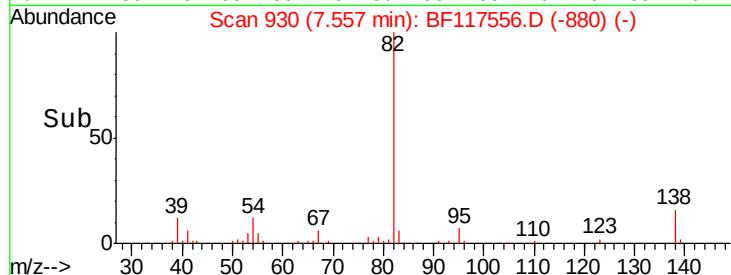
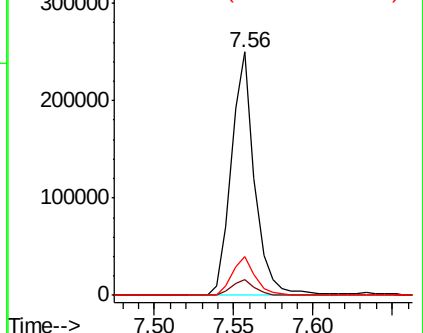
82 100

95 6.7 5.4 8.0

138 16.2 14.2 21.2



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: 41.560 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF117556.D

Acq: 28 Oct 2019 12:02

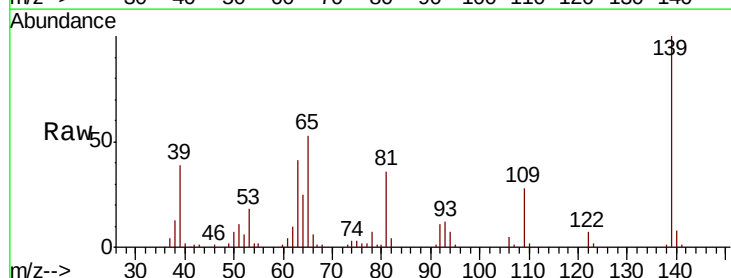
Tgt Ion: 139 Resp: 64745

Ion Ratio Lower Upper

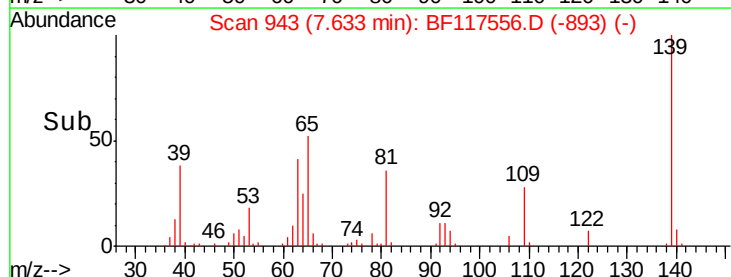
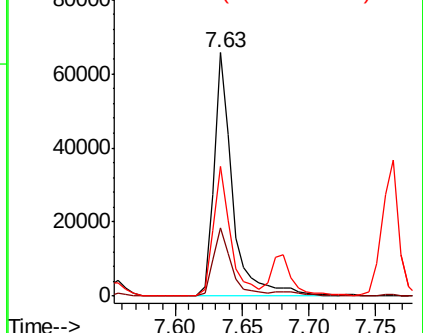
139 100

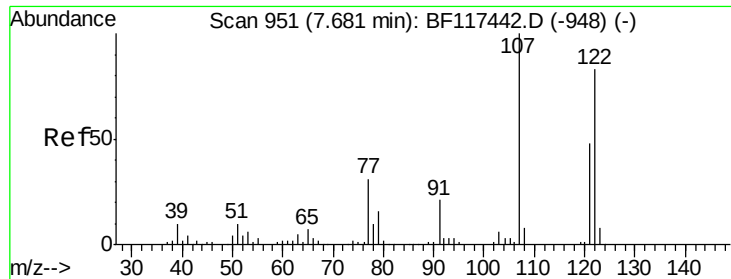
109 27.9 23.2 34.8

65 53.2 41.1 61.7



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

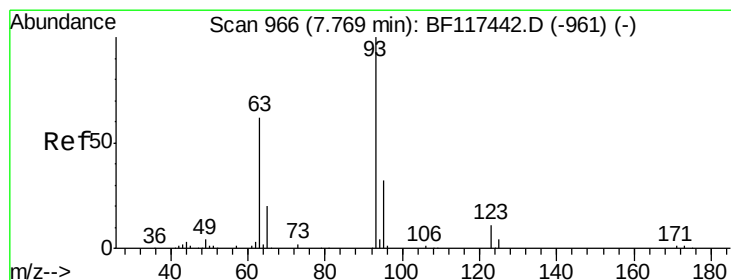
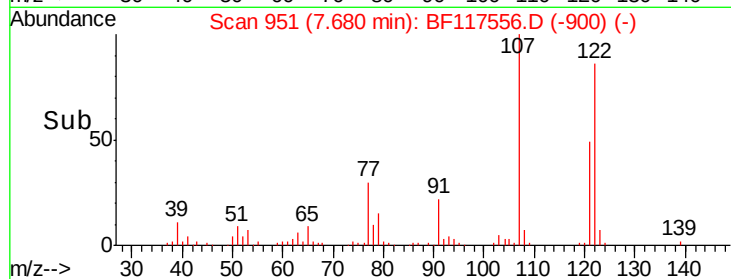
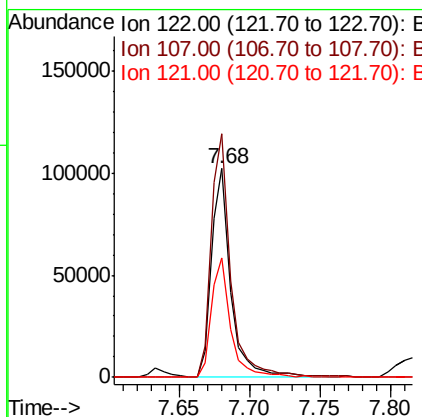
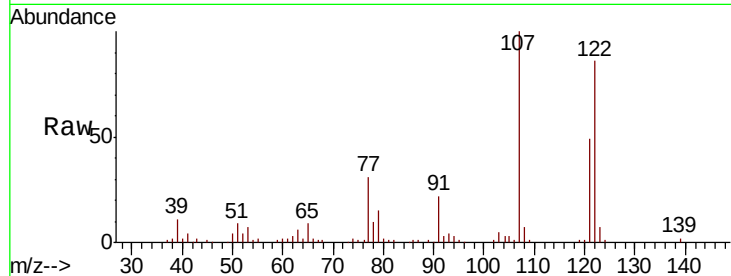




#27
 2,4-Dimethylphenol
 Concen: 41.848 ng
 RT: 7.68 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF117556.D
 Acq: 28 Oct 2019 12:02

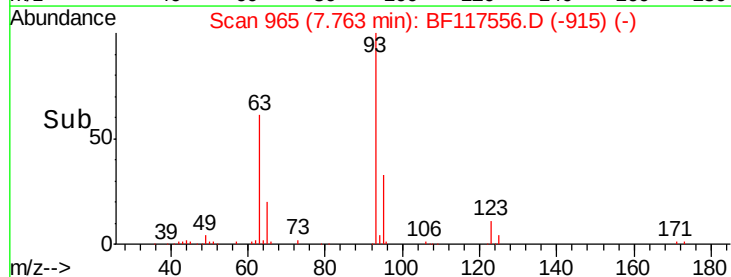
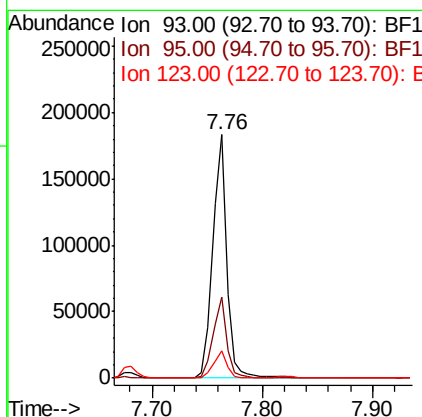
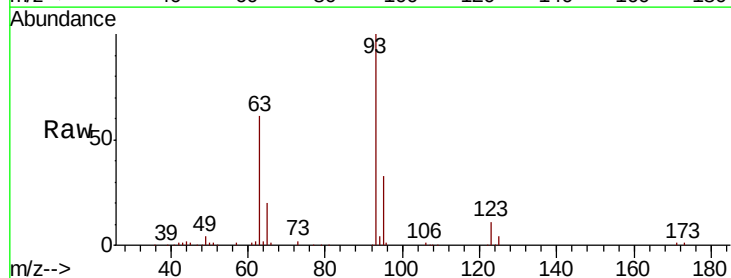
Instrument :
 BNA_E
 ClientSampleId :

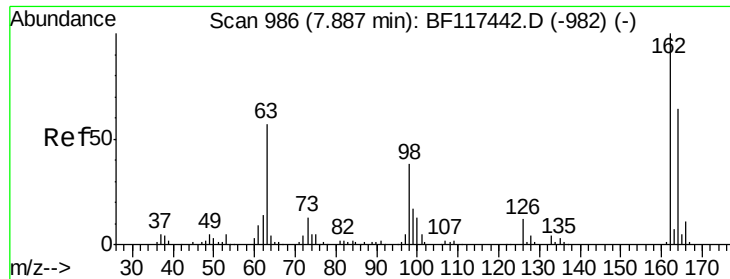
Tot Ion:122 Resp: 97430
 Ion Ratio Lower Upper
 122 100
 107 116.6 96.8 145.2
 121 56.9 46.4 69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.942 ng
 RT: 7.76 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF117556.D
 Acq: 28 Oct 2019 12:02

Tgt Ion: 93 Resp: 159379
 Ion Ratio Lower Upper
 93 100
 95 33.2 25.5 38.3
 123 11.2 9.0 13.6

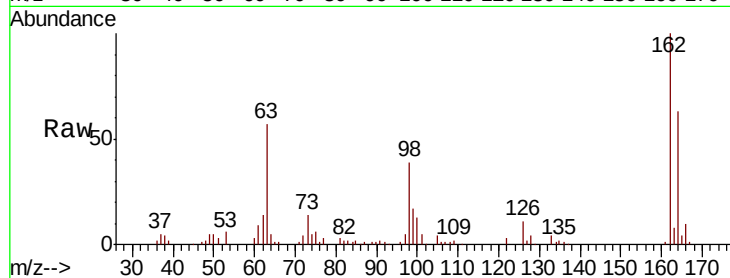




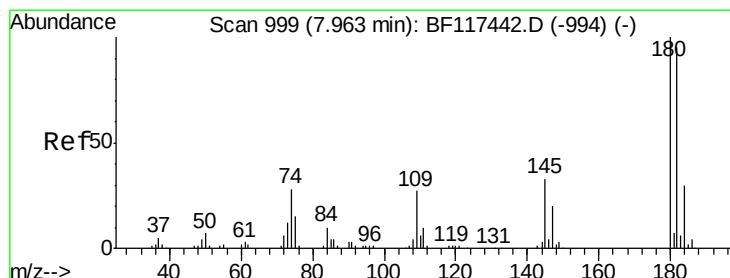
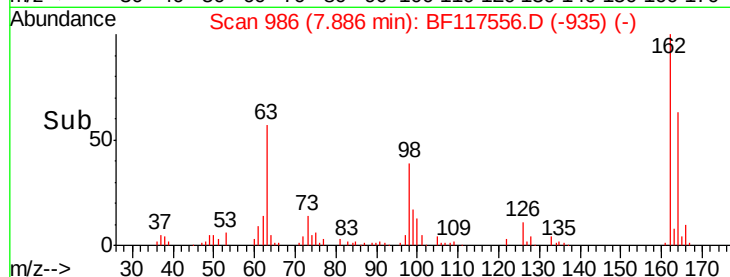
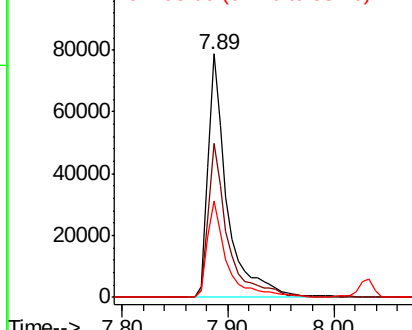
#29
2,4-Dichlorophenol
Concen: 41.092 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF117556.D
Acq: 28 Oct 2019 12:02

Instrument :
BNA_E
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.4	84.4
98	39.3	18.2	58.2

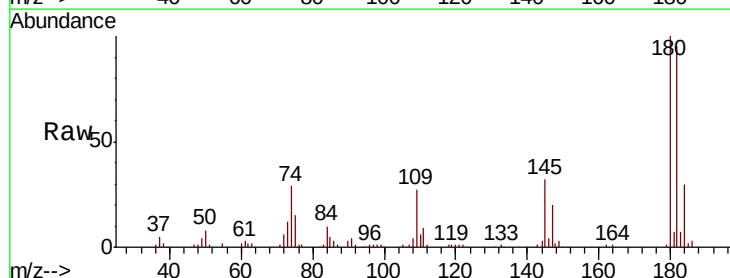


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

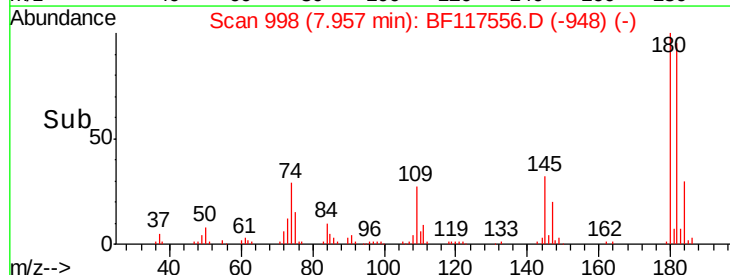
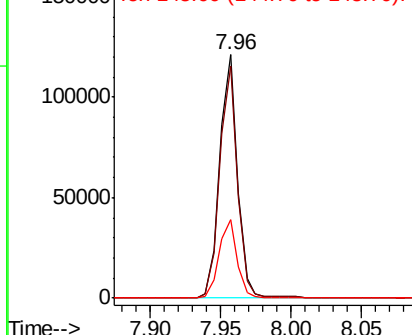


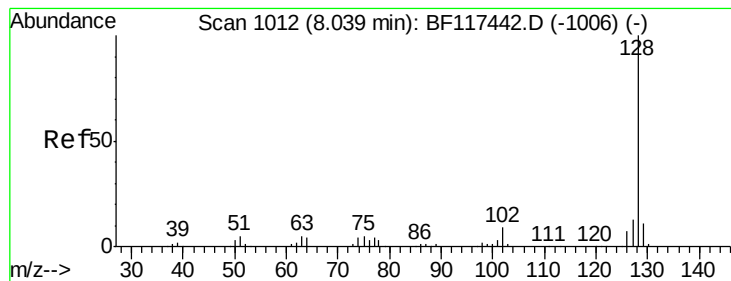
#30
1,2,4-Trichlorobenzene
Concen: 40.737 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF117556.D
Acq: 28 Oct 2019 12:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.8	113.8
145	32.1	26.5	39.7



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





#31

Naphthalene

Concen: 40.892 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF117556.D

Acq: 28 Oct 2019 12:02

Instrument :

BNA_E

ClientSampled :

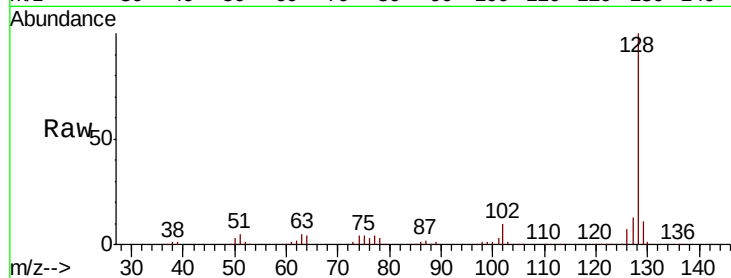
Tot Ion:128 Resp: 364908

Ion Ratio Lower Upper

128 100

129 10.6 9.0 13.4

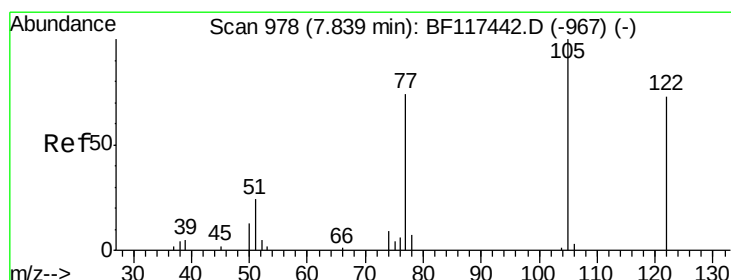
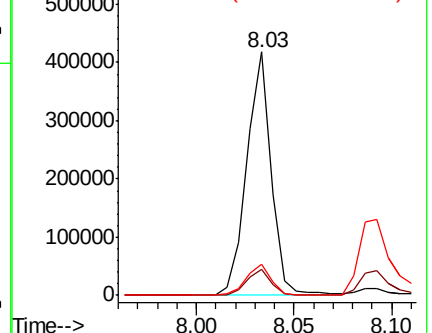
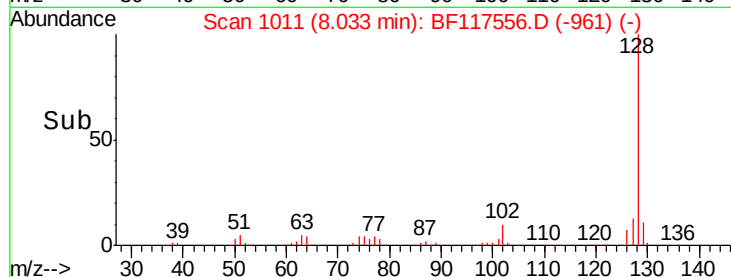
127 12.9 10.2 15.2



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: 17.336 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF117556.D

Acq: 28 Oct 2019 12:02

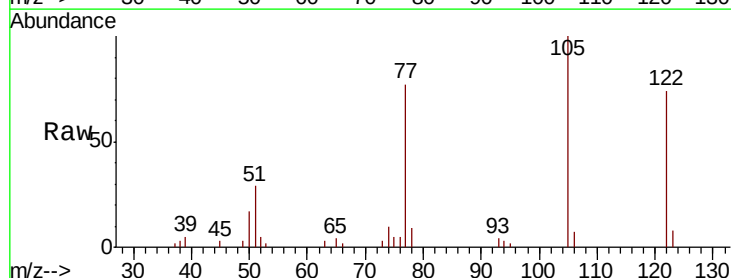
Tgt Ion:122 Resp: 27645

Ion Ratio Lower Upper

122 100

105 135.5 115.0 155.0

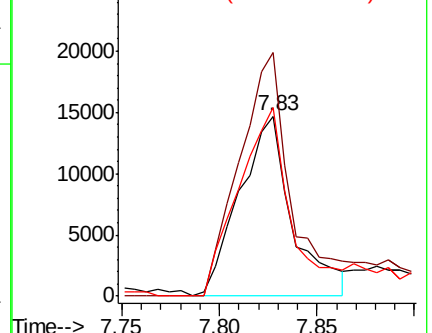
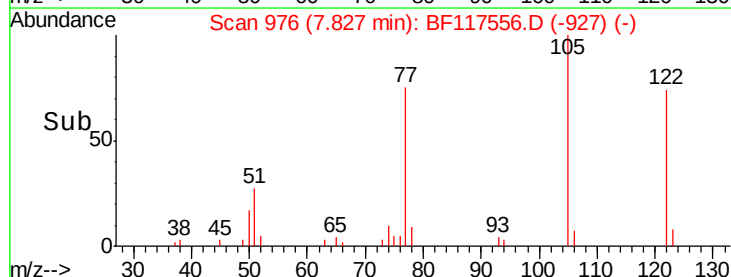
77 104.7 79.7 119.7

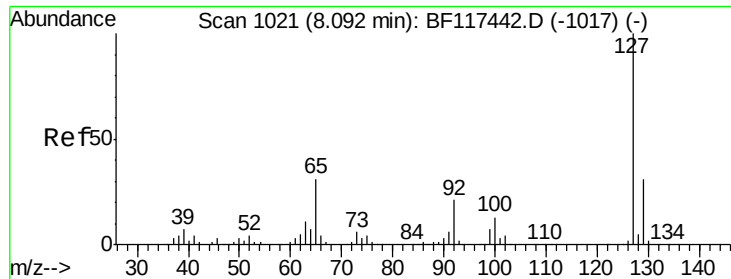


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

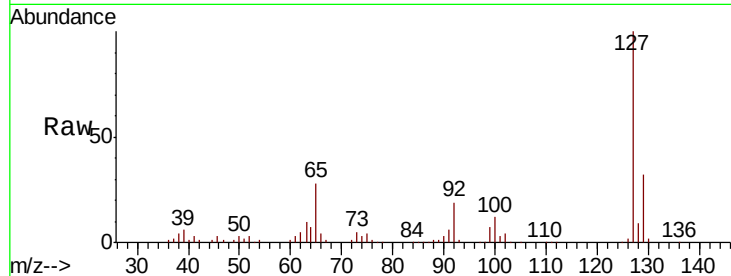




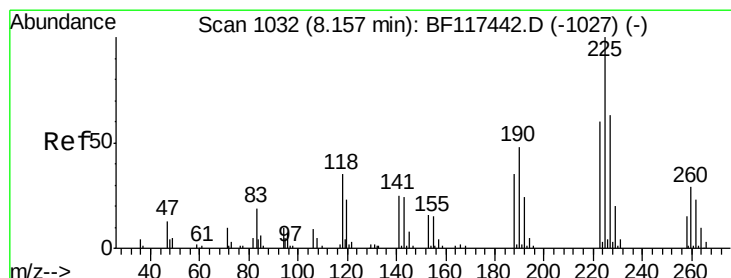
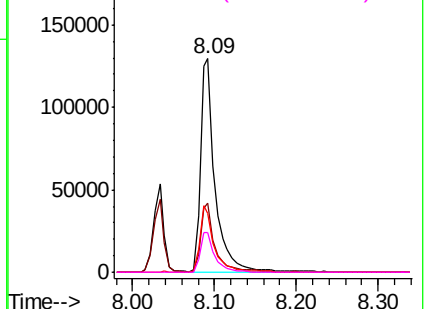
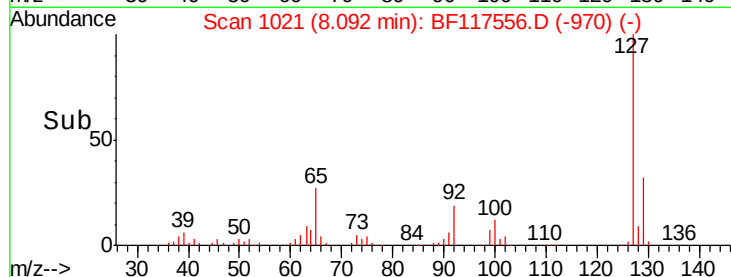
#33
4-Chloroaniline
Concen: 43.225 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF117556.D
Acq: 28 Oct 2019 12:02

Instrument :
BNA_E
ClientSampleId :

Tot Ion:127	Resp:	162790
Ion Ratio	Lower	Upper
127	100	
129	32.2	24.8 37.2
65	27.5	24.6 37.0
92	18.7	16.5 24.7

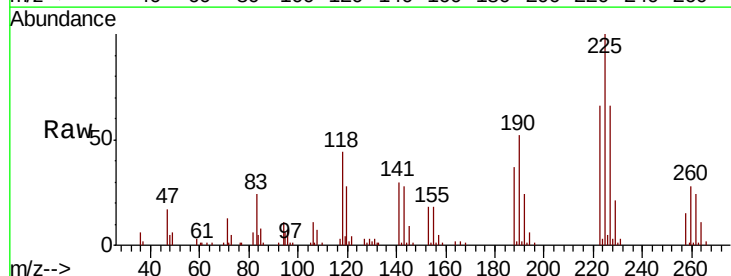


Abundance Ion 127.00 (126.70 to 127.70): E
200000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

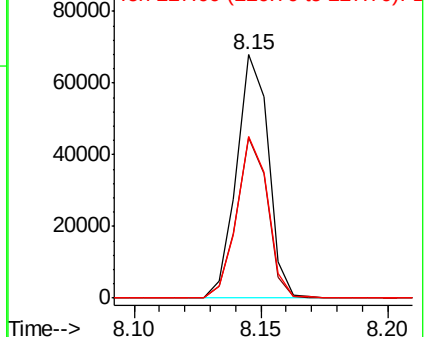
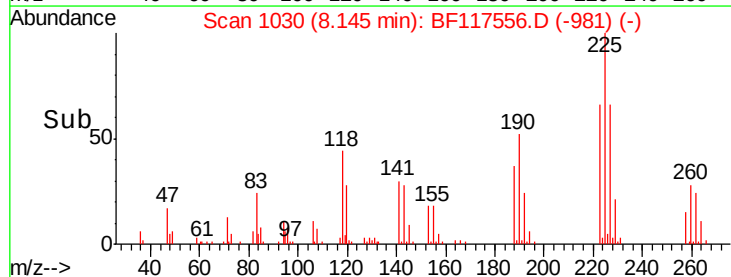


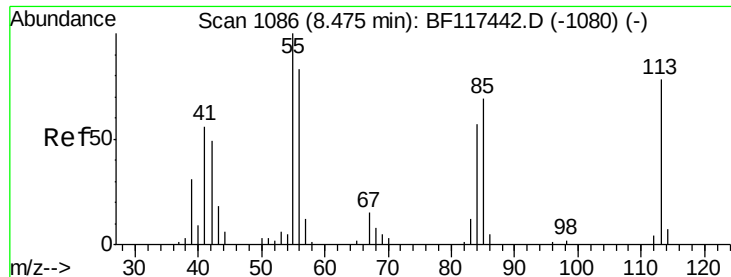
#34
Hexachlorobutadiene
Concen: 39.114 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF117556.D
Acq: 28 Oct 2019 12:02

Tgt Ion:225	Resp:	59328
Ion Ratio	Lower	Upper
225	100	
223	65.9	48.2 72.4
227	66.4	50.2 75.4



Abundance Ion 225.00 (224.70 to 225.70): E
80000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 44.037 ng

RT: 8.47 min Scan# 1085

Delta R.T. -0.01 min

Lab File: BF117556.D

Acq: 28 Oct 2019 12:02

Instrument :

BNA_E

ClientSampleId :

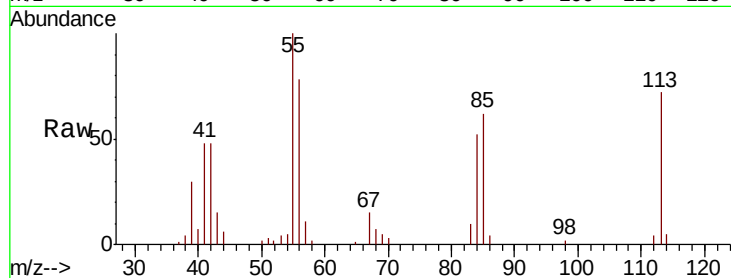
Tot Ion:113 Resp: 34545

Ion Ratio Lower Upper

113 100

55 138.5 108.8 148.8

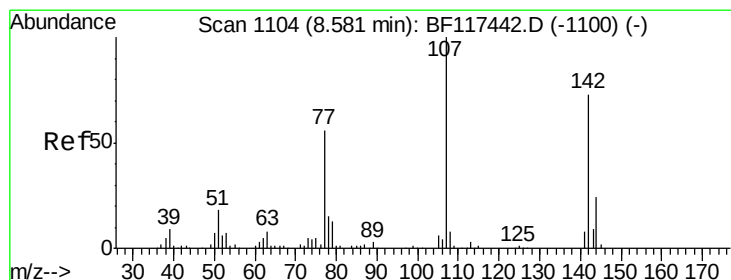
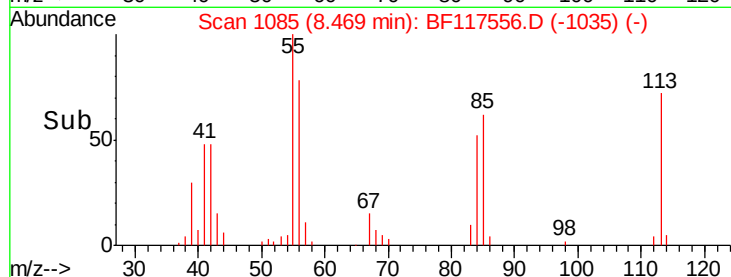
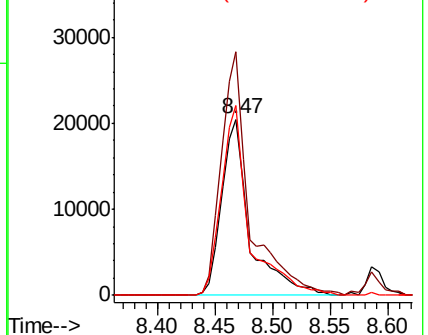
56 107.8 87.2 127.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 41.619 ng

RT: 8.59 min Scan# 1105

Delta R.T. 0.01 min

Lab File: BF117556.D

Acq: 28 Oct 2019 12:02

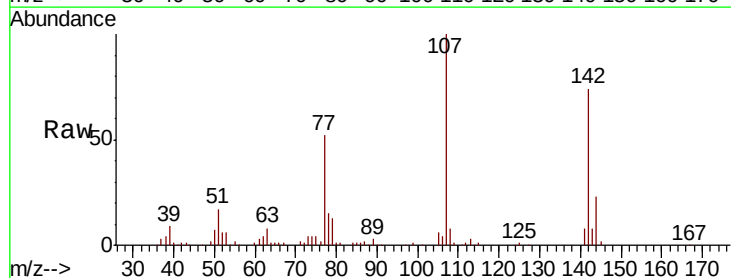
Tgt Ion:107 Resp: 115908

Ion Ratio Lower Upper

107 100

144 23.4 18.9 28.3

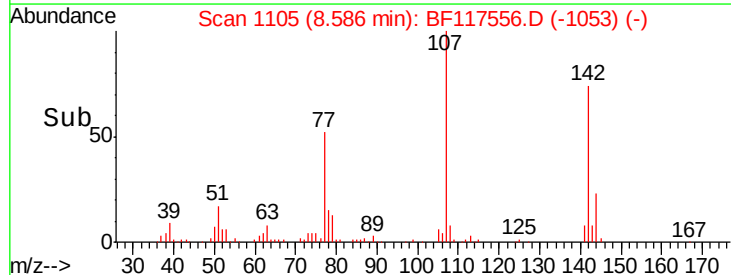
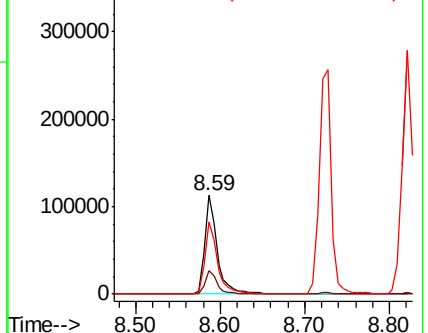
142 73.6 58.6 88.0

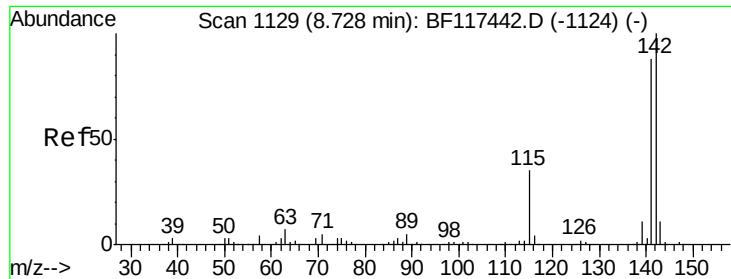


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

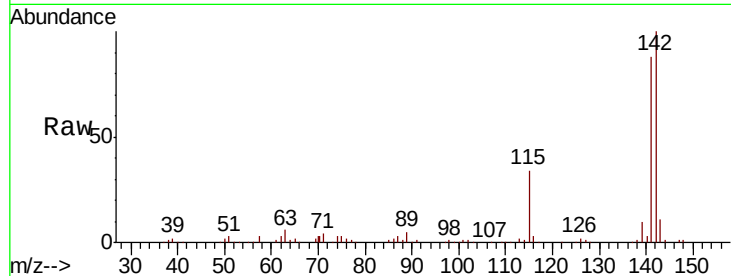




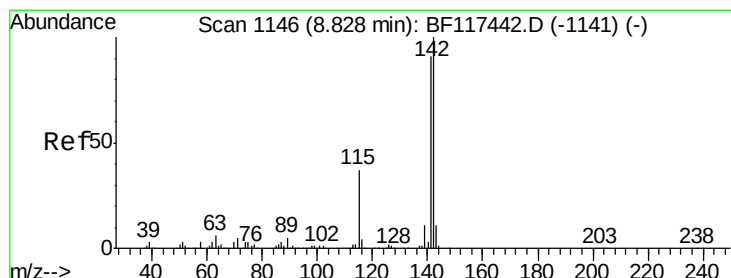
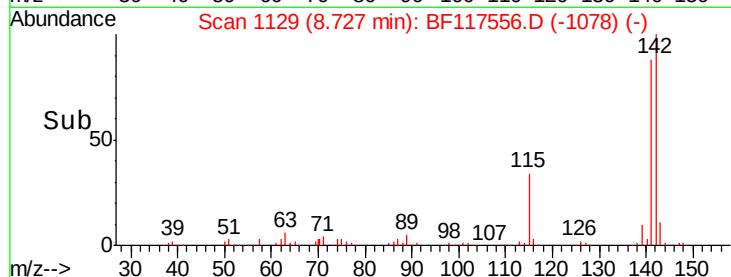
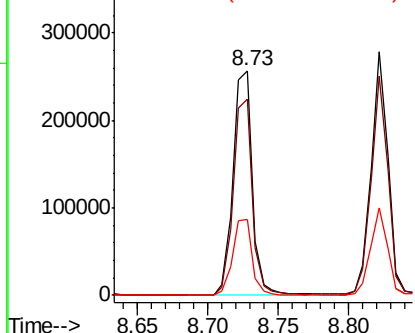
#37
 2-Methylnaphthalene
 Concen: 41.094 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. -0.00 min
 Lab File: BF117556.D
 Acq: 28 Oct 2019 12:02

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.3	105.5
115	34.0	28.2	42.2

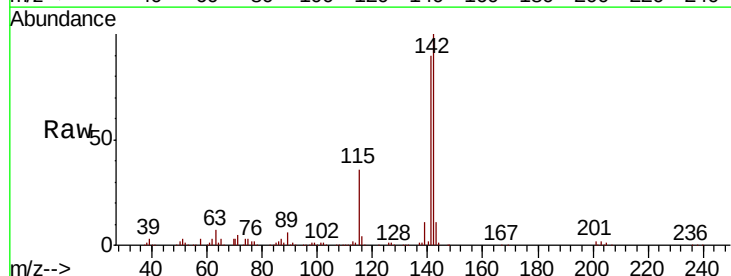


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

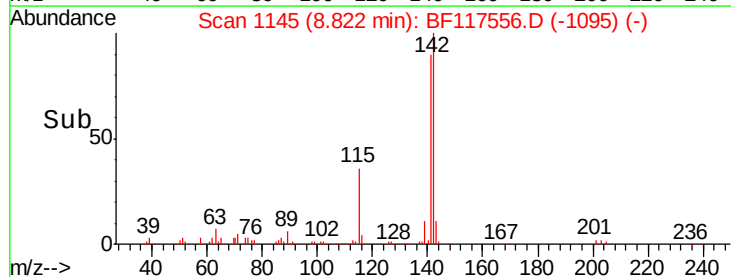
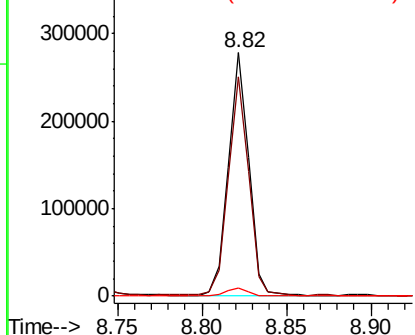


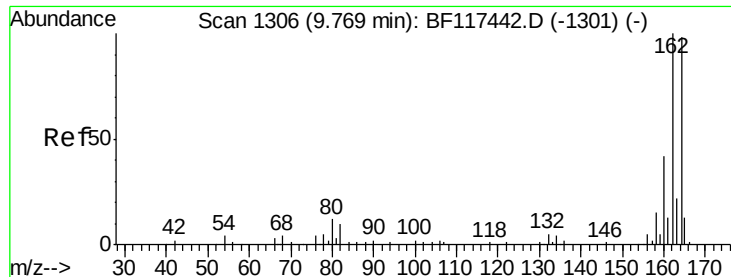
#38
 1-Methylnaphthalene
 Concen: 40.787 ng
 RT: 8.82 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BF117556.D
 Acq: 28 Oct 2019 12:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	73.3	109.9
116	3.6	3.1	4.7



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: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF117556.D

Acq: 28 Oct 2019 12:02

Instrument :

BNA_E

ClientSampled :

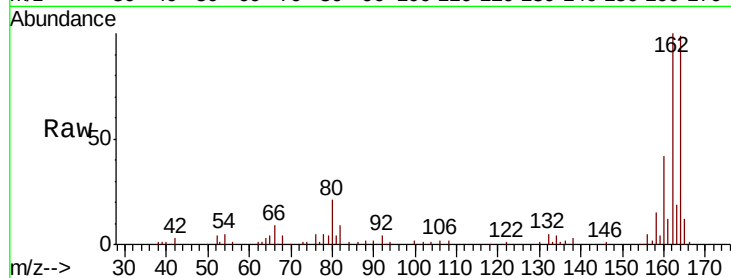
Tot Ion:164 Resp: 91000

Ion Ratio Lower Upper

164 100

162 101.0 81.8 122.6

160 42.8 34.4 51.6

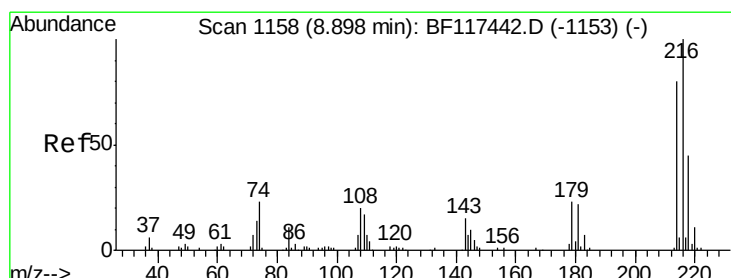
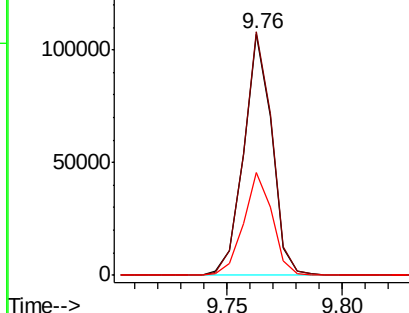
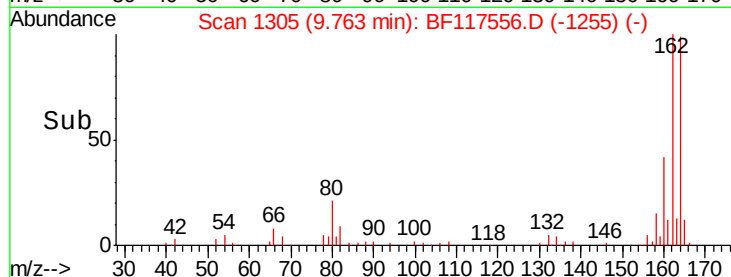


Abundance

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: 41.401 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF117556.D

Acq: 28 Oct 2019 12:02

Tgt Ion:216 Resp: 101474

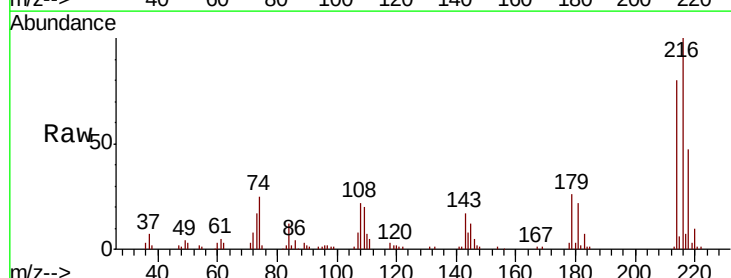
Ion Ratio Lower Upper

216 100

214 78.0 62.4 93.6

179 23.5 18.1 27.1

108 20.6 16.6 24.8



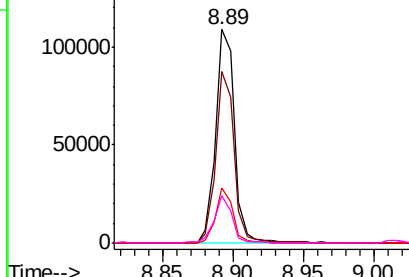
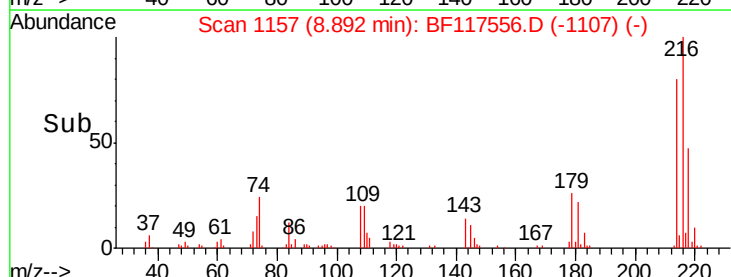
Abundance

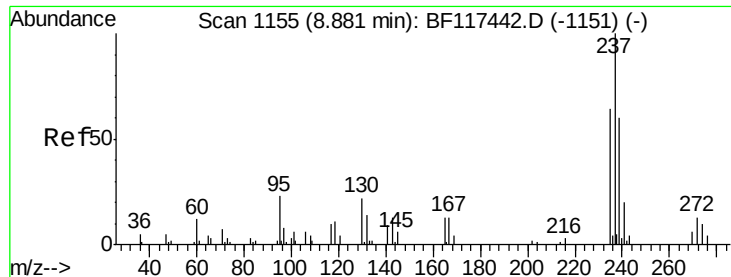
Ion 216.00 (215.70 to 216.70): E

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: 22.806 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF117556.D

Acq: 28 Oct 2019 12:02

Instrument :

BNA_E

ClientSampled :

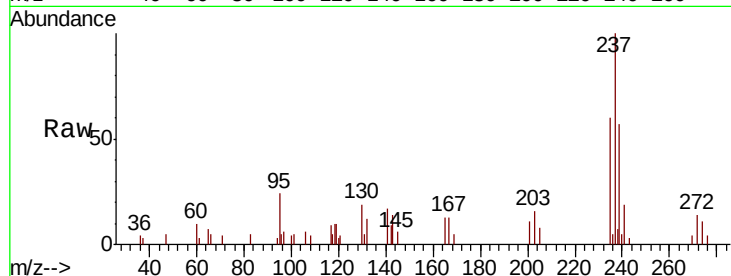
Tot Ion:237 Resp: 7220

Ion Ratio Lower Upper

237 100

235 60.3 44.3 84.3

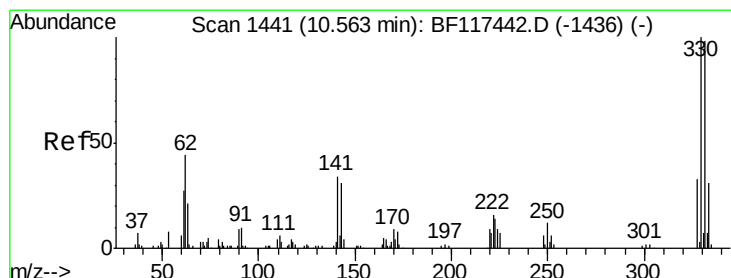
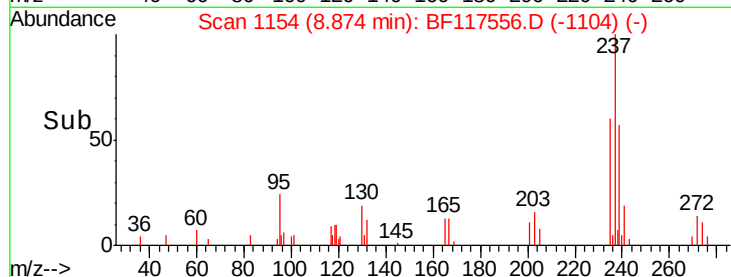
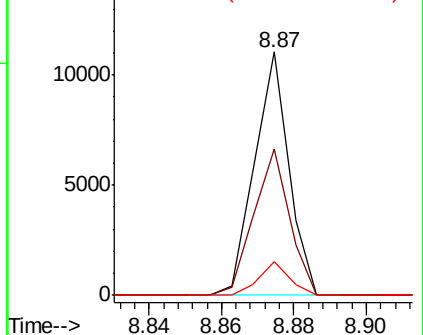
272 13.6 0.0 33.2



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: 80.197 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF117556.D

Acq: 28 Oct 2019 12:02

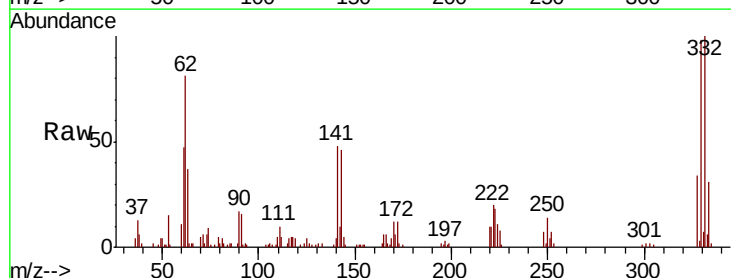
Tgt Ion:330 Resp: 63146

Ion Ratio Lower Upper

330 100

332 96.3 78.5 117.7

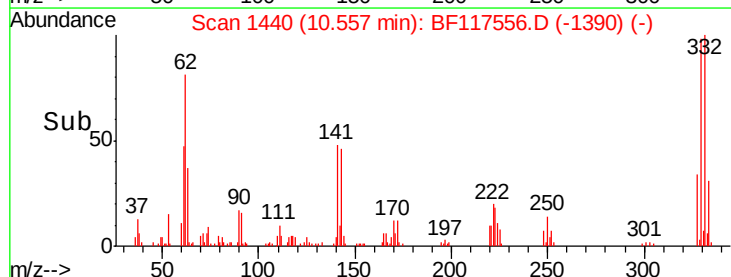
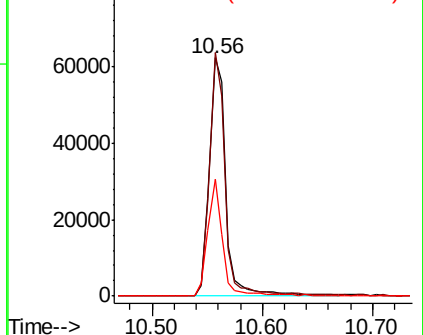
141 43.8 37.0 55.6

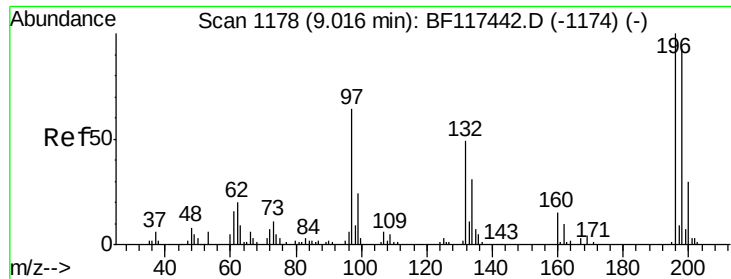


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

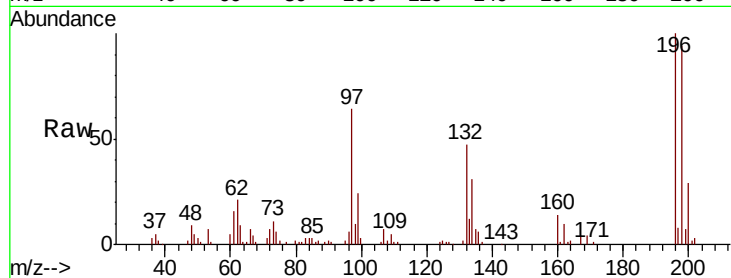




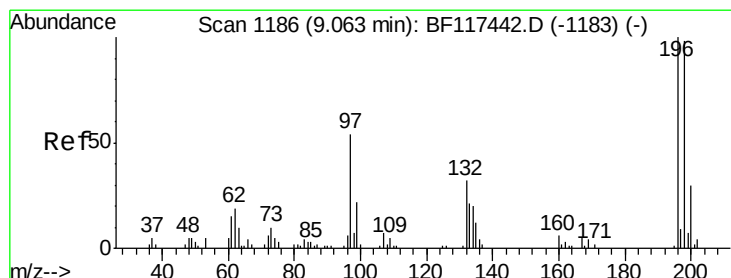
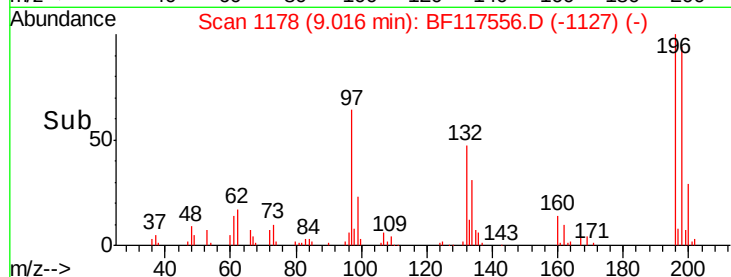
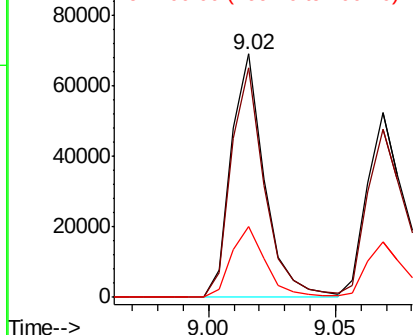
#43
 2,4,6-Trichlorophenol
 Concen: 41.164 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF117556.D
 Acq: 28 Oct 2019 12:02

Instrument :
 BNA_E
 ClientSampled :

Tot Ion	196	Resp	63181
Ion Ratio	Lower	Upper	
196	100		
198	94.4	74.1	111.1
200	29.1	23.9	35.9

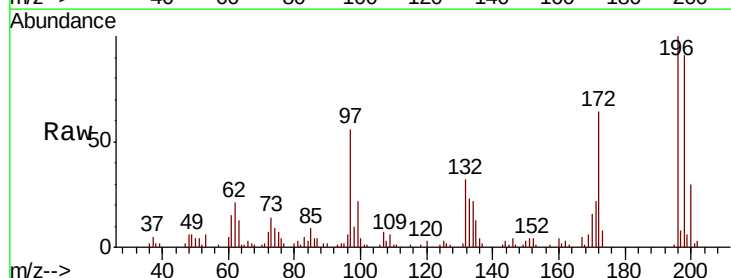


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

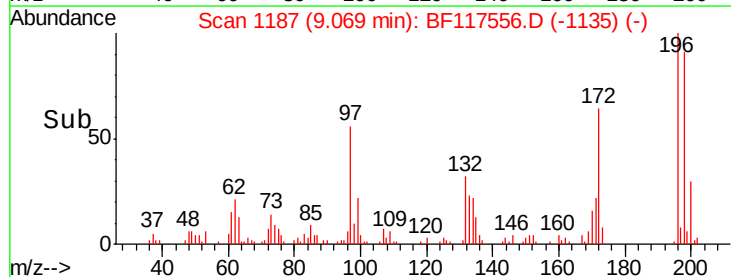
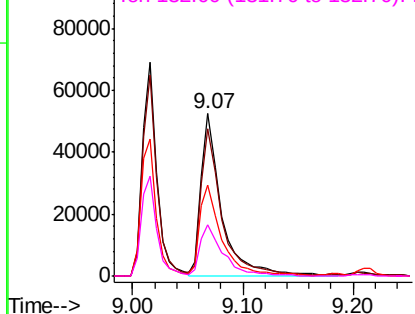


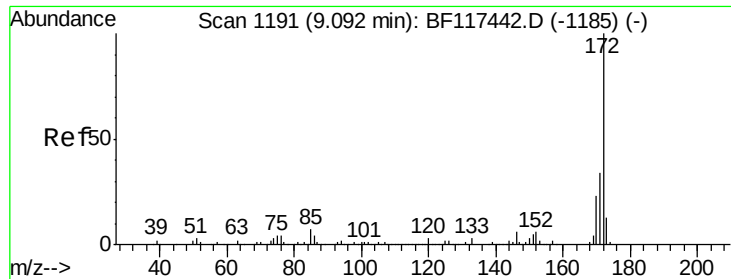
#44
 2,4,5-Trichlorophenol
 Concen: 43.097 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF117556.D
 Acq: 28 Oct 2019 12:02

Tgt Ion	196	Resp	67029
Ion Ratio	Lower	Upper	
196	100		
198	90.9	78.6	117.8
97	55.8	43.4	65.2
132	31.9	26.0	39.0



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

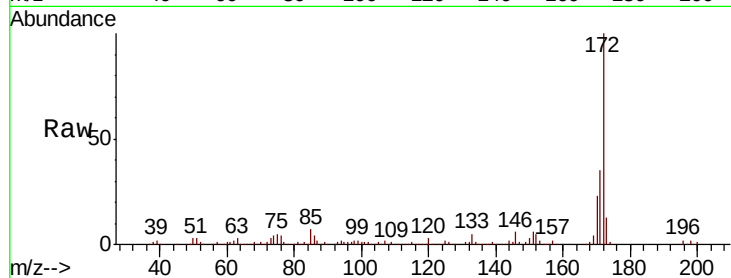




#45
2-Fluorobiphenyl
Concen: 81.083 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117556.D
Acq: 28 Oct 2019 12:02

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.5	41.3
170	22.7	18.6	27.8

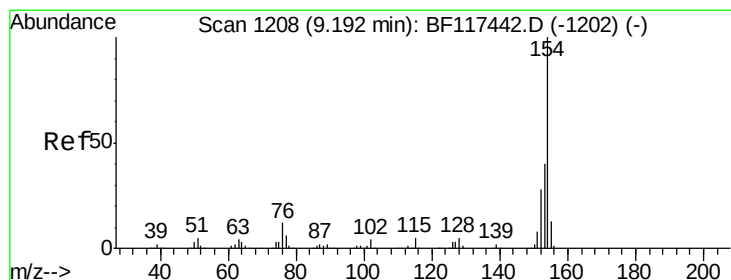
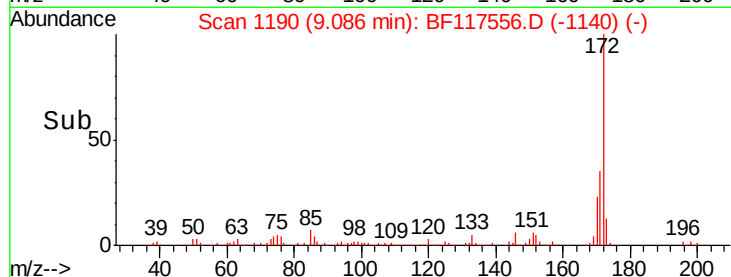
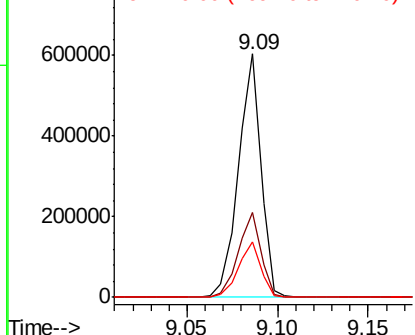


Abundance

Ion 172.00 (171.70 to 172.70): E

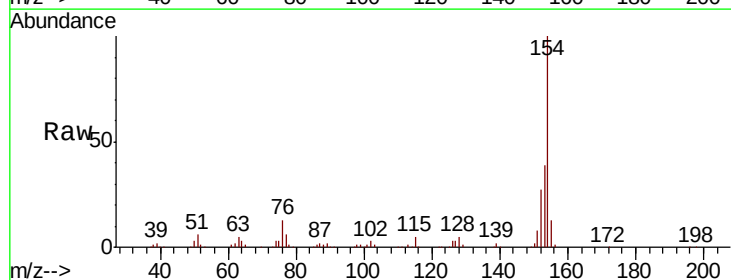
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 40.855 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF117556.D
Acq: 28 Oct 2019 12:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.9	20.2	60.2
76	13.1	0.0	32.1

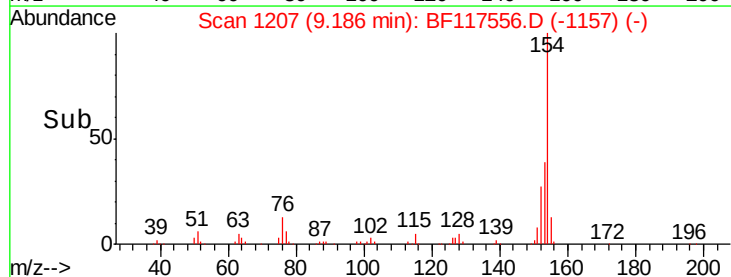
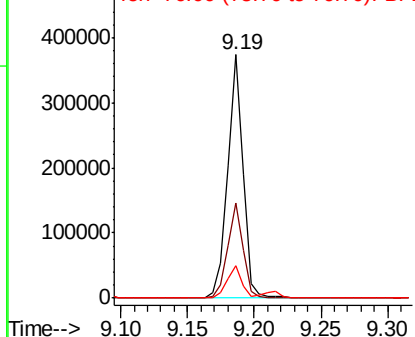


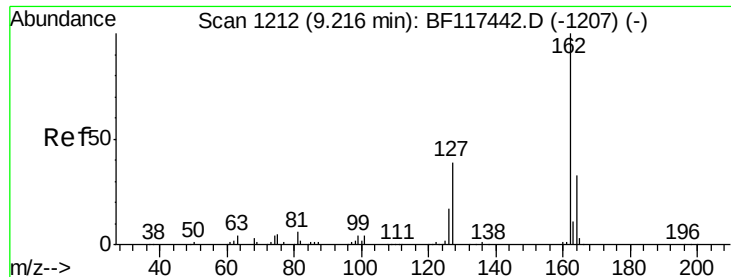
Abundance

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

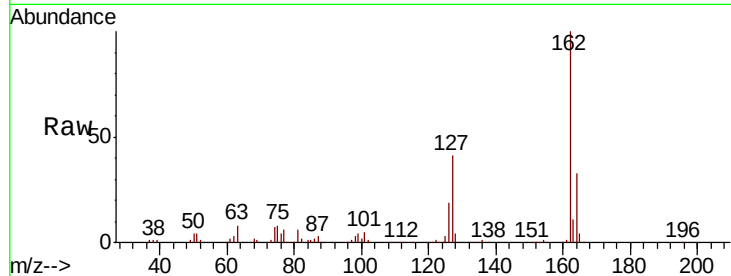




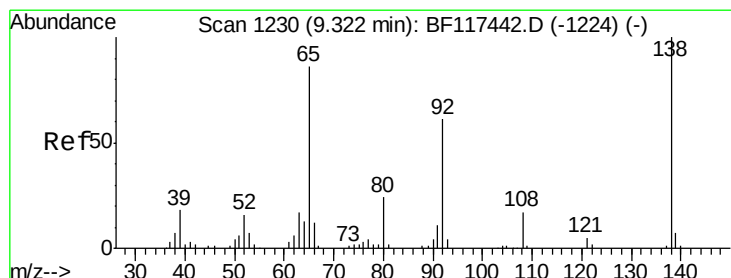
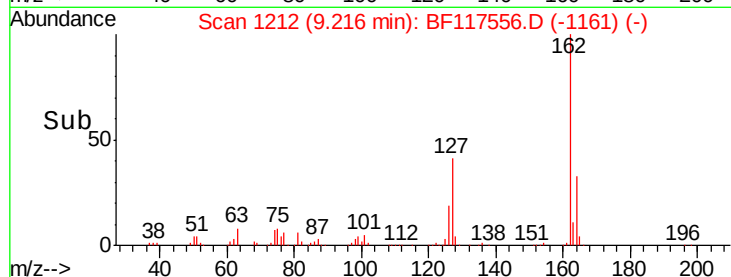
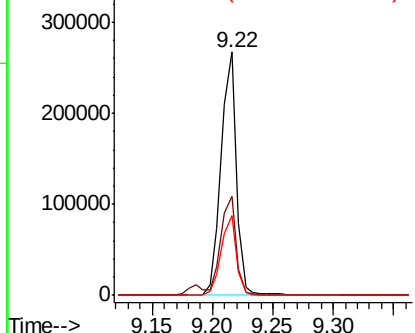
#47
 2-Chloronaphthalene
 Concen: 41.350 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF117556.D
 Acq: 28 Oct 2019 12:02

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.6	34.2	51.4
164	32.9	26.4	39.6

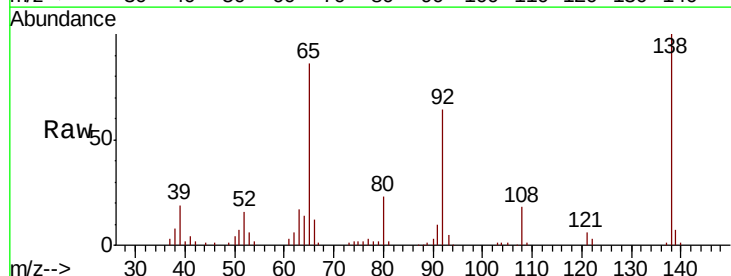


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

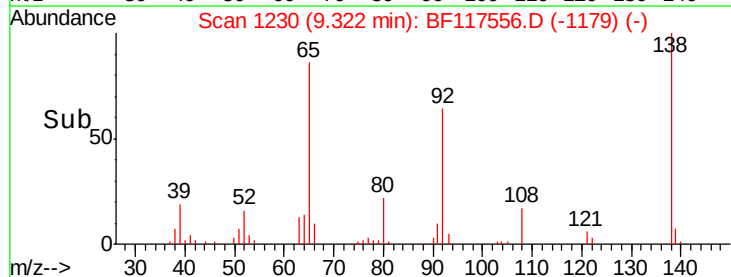
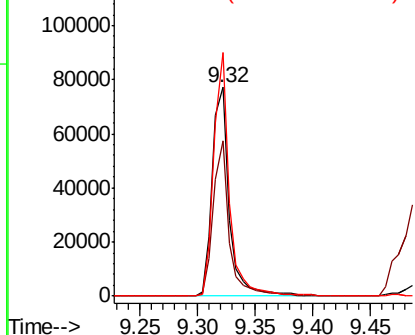


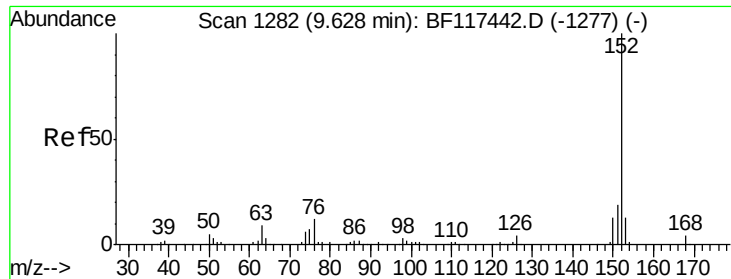
#48
 2-Nitroaniline
 Concen: 42.460 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BF117556.D
 Acq: 28 Oct 2019 12:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.7	57.3	85.9
138	116.6	93.3	139.9



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: 41.869 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF117556.D

Acq: 28 Oct 2019 12:02

Instrument :

BNA_E

ClientSampled :

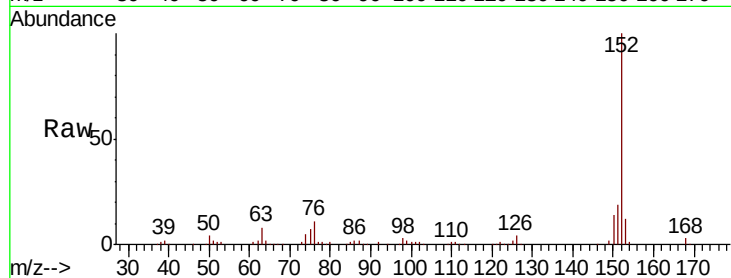
Tot Ion:152 Resp: 349327

Ion Ratio Lower Upper

152 100

151 18.9 15.4 23.0

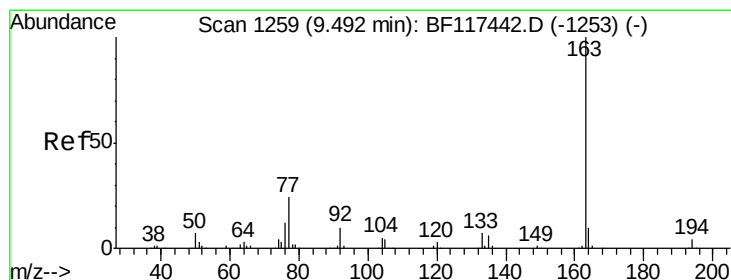
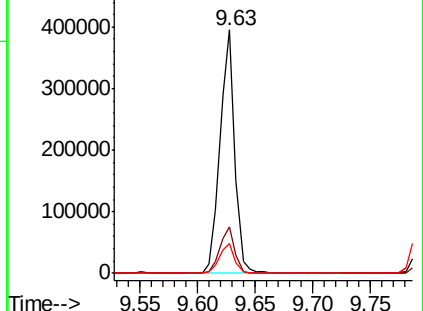
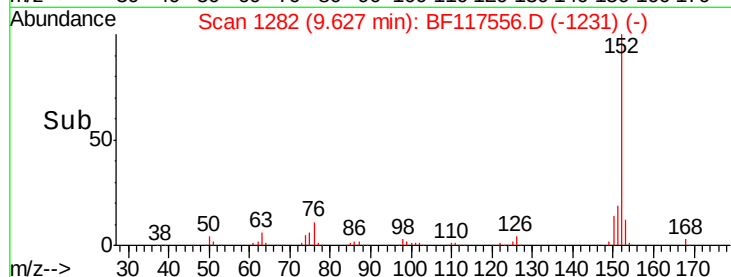
153 12.3 10.3 15.5



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: 40.929 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF117556.D

Acq: 28 Oct 2019 12:02

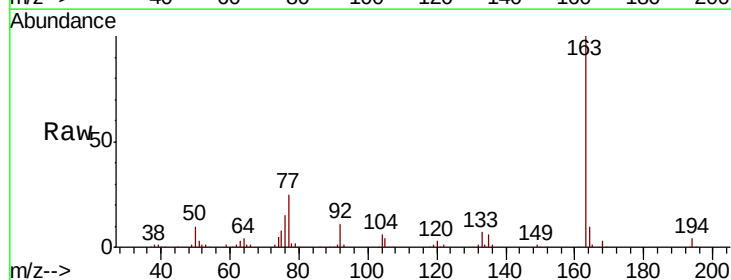
Tgt Ion:163 Resp: 265522

Ion Ratio Lower Upper

163 100

194 3.9 2.9 4.3

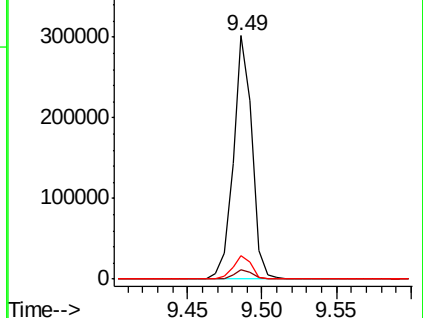
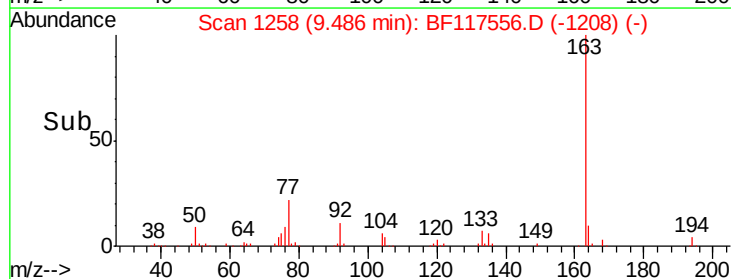
164 9.7 8.2 12.2

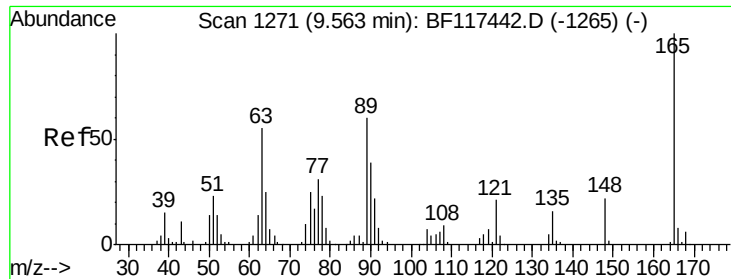


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.919 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.00 min

Lab File: BF117556.D

Acq: 28 Oct 2019 12:02

Instrument :
BNA_E
ClientSampled :

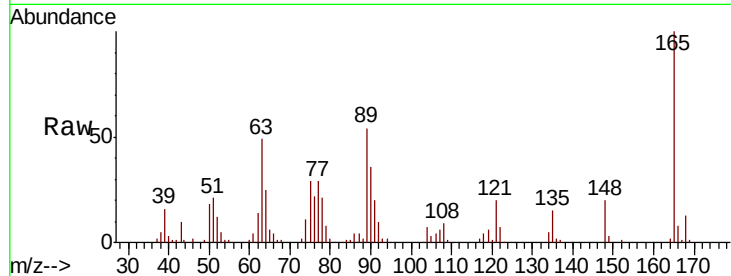
Tot Ion:165 Resp: 58101

Ion Ratio Lower Upper

165 100

63 48.9 43.8 65.8

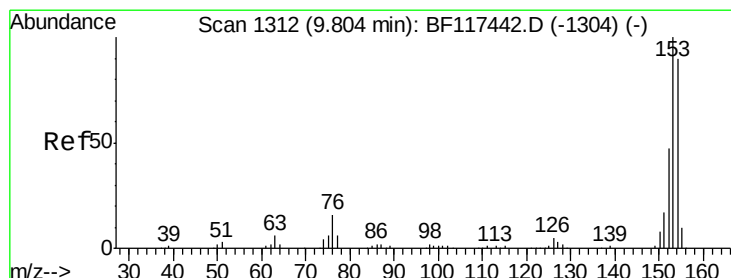
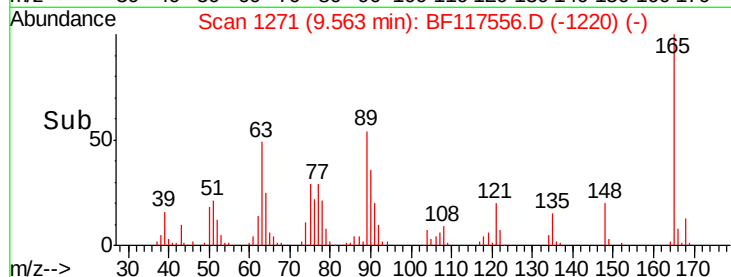
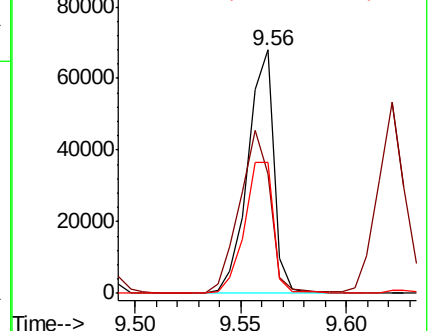
89 53.9 47.6 71.4



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: 41.303 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF117556.D

Acq: 28 Oct 2019 12:02

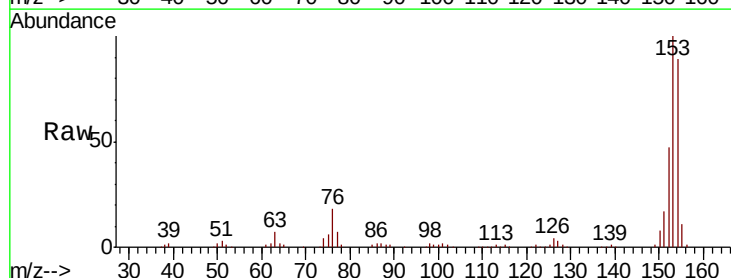
Tgt Ion:154 Resp: 211424

Ion Ratio Lower Upper

154 100

153 112.1 89.2 133.8

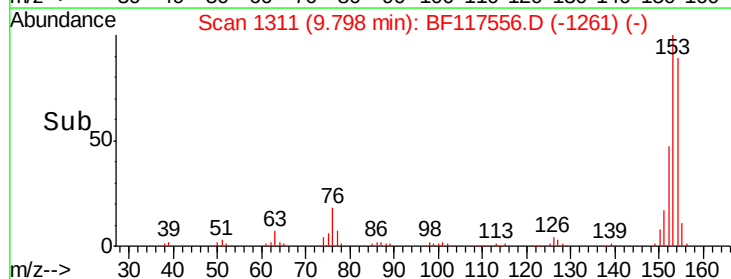
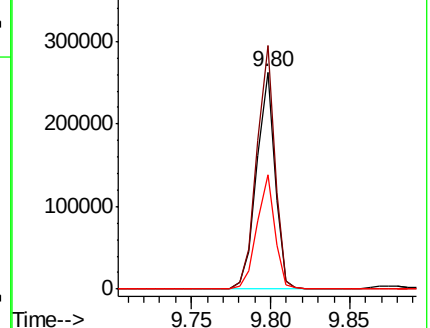
152 52.8 41.8 62.6

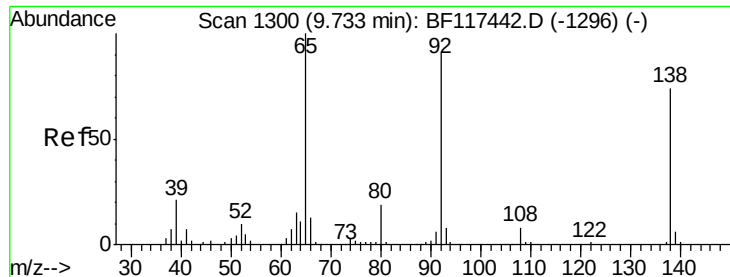


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

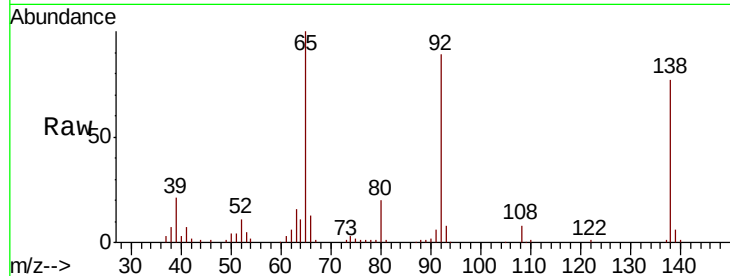




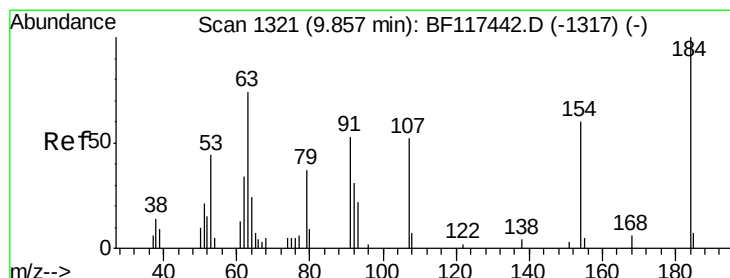
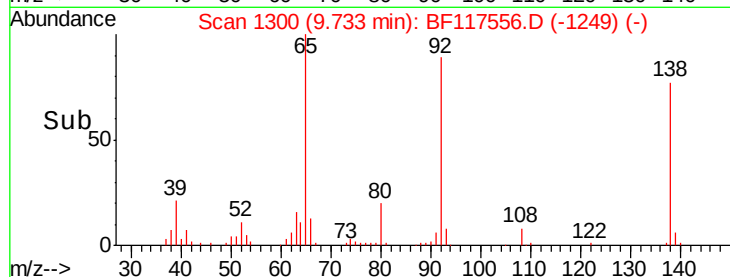
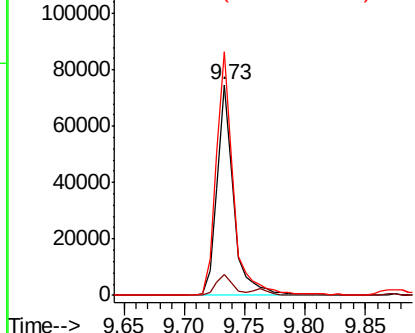
#53
3-Nitroaniline
Concen: 42.772 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF117556.D
Acq: 28 Oct 2019 12:02

Instrument :
BNA_E
ClientSampled :

Tot Ion:138 Resp: 70254
Ion Ratio Lower Upper
138 100
108 10.2 8.7 13.1
92 115.7 98.4 147.6

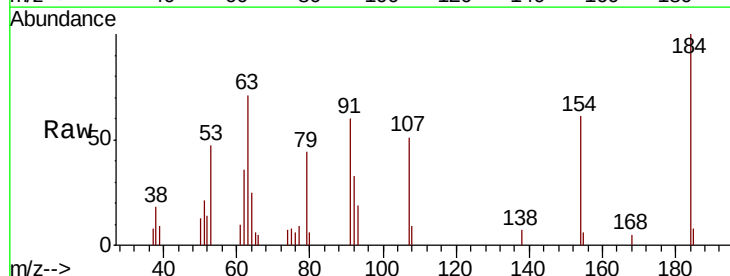


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

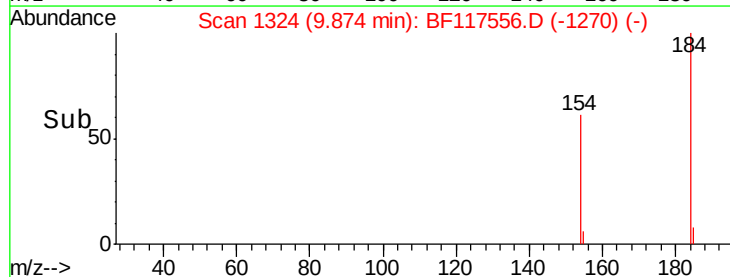
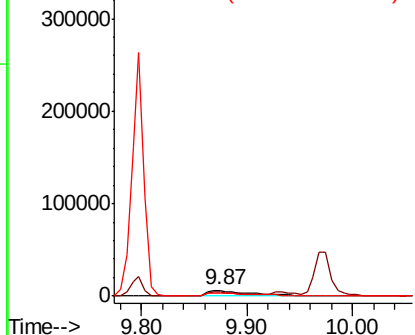


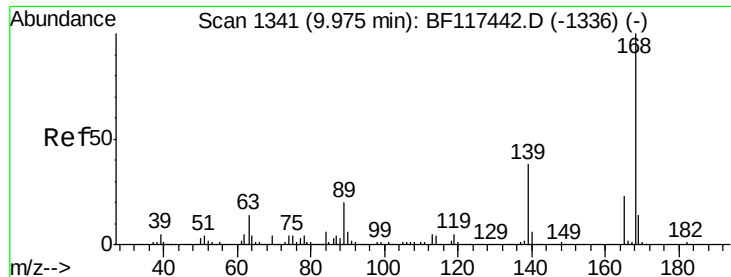
#54
2,4-Dinitrophenol
Concen: 35.204 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.02 min
Lab File: BF117556.D
Acq: 28 Oct 2019 12:02

Tgt Ion:184 Resp: 18219
Ion Ratio Lower Upper
184 100
63 70.8 59.2 88.8
154 61.4 53.4 80.0



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

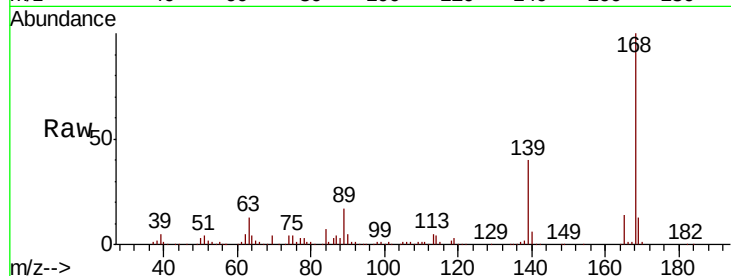




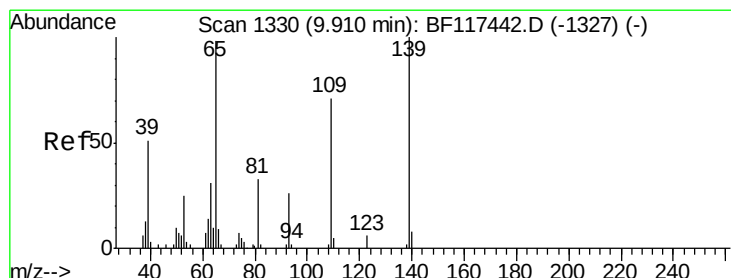
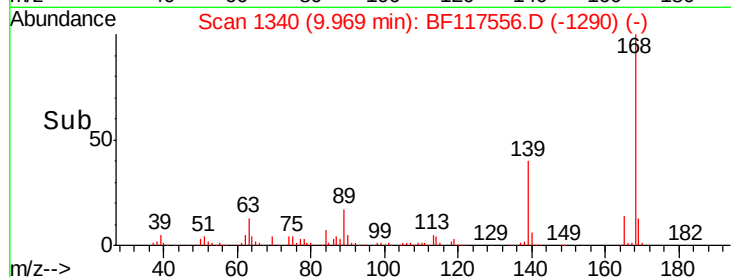
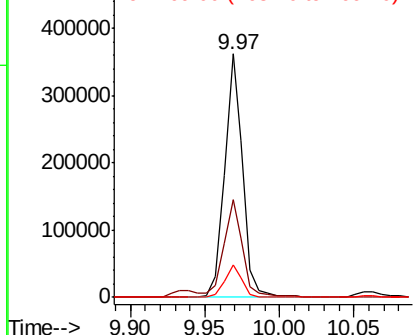
#55
Dibenzenofuran
Concen: 41.856 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117556.D
Acq: 28 Oct 2019 12:02

Instrument :
BNA_E
ClientSampled :

Tot Ion:168 Resp: 310411
Ion Ratio Lower Upper
168 100
139 40.2 31.8 47.6
169 13.1 11.2 16.8

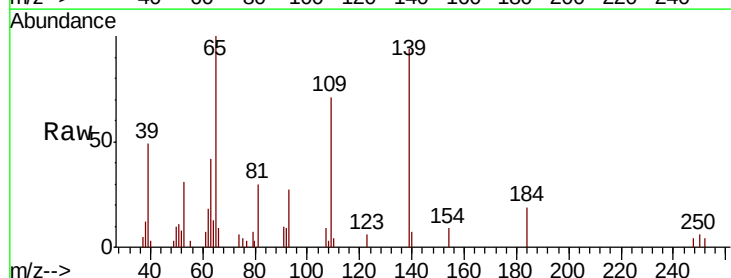


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

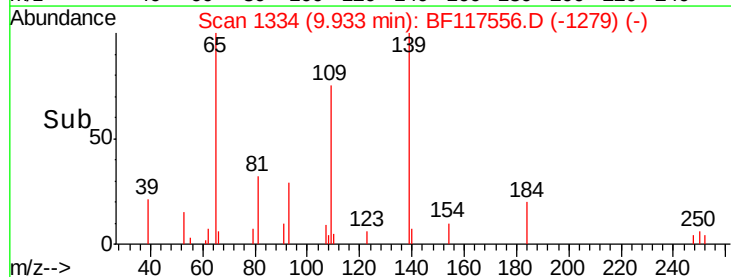
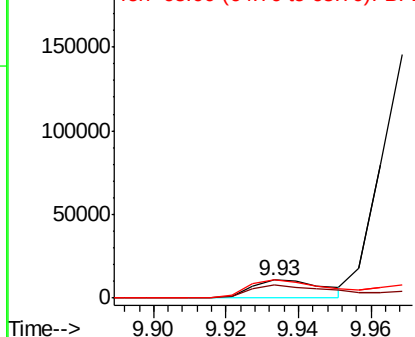


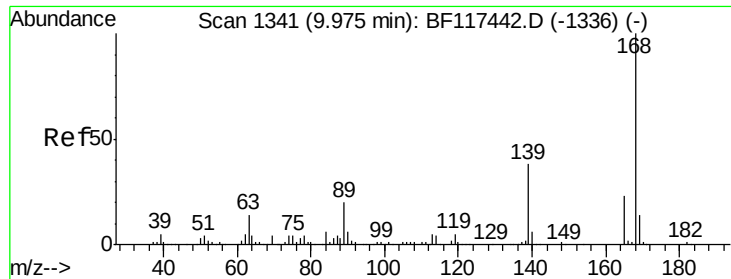
#56
4-Nitrophenol
Concen: 22.551 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.02 min
Lab File: BF117556.D
Acq: 28 Oct 2019 12:02

Tgt Ion:139 Resp: 14686
Ion Ratio Lower Upper
139 100
109 75.1 51.4 91.4
65 106.3 79.4 119.4



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

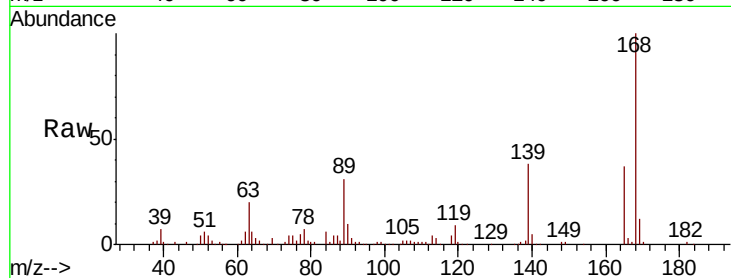




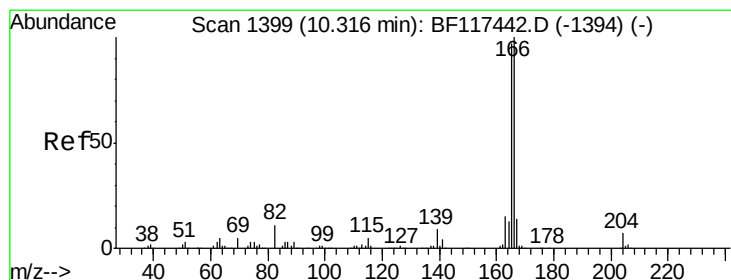
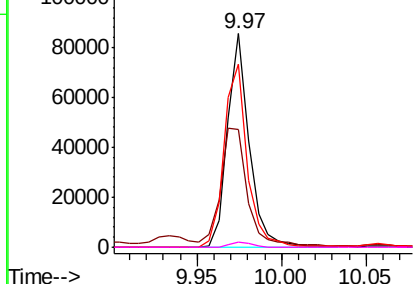
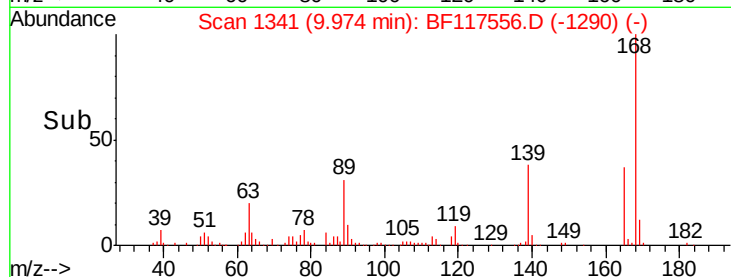
#57
2,4-Dinitrotoluene
Concen: 42.353 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117556.D
Acq: 28 Oct 2019 12:02

Instrument :
BNA_E
ClientSampleId :

Tot Ion:165 Resp: 76229
Ion Ratio Lower Upper
165 100
63 55.2 51.4 77.0
89 85.4 69.9 104.9
182 2.5 1.9 2.9

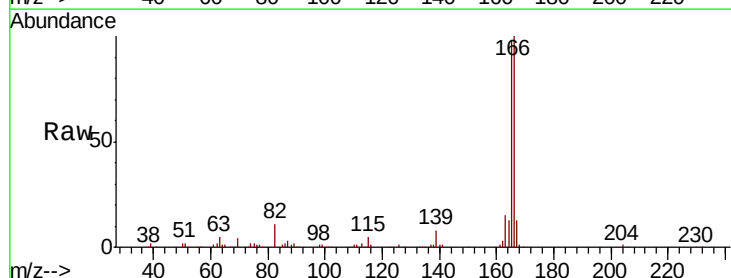


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

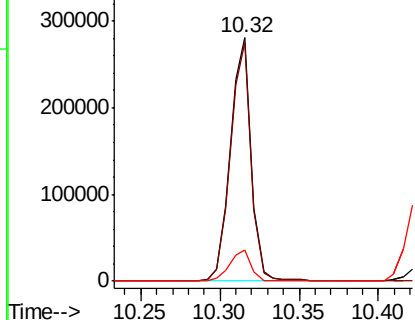
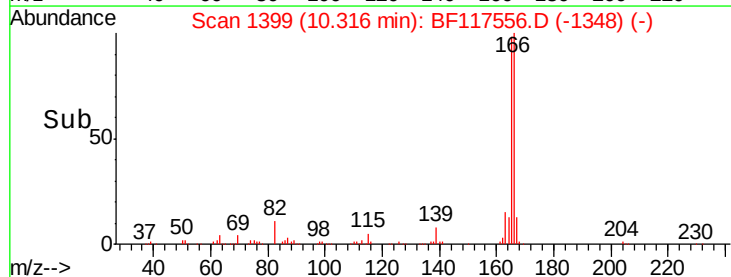


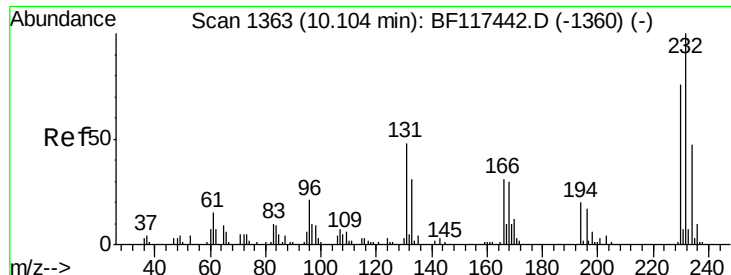
#58
Fluorene
Concen: 41.547 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF117556.D
Acq: 28 Oct 2019 12:02

Tgt Ion:166 Resp: 254799
Ion Ratio Lower Upper
166 100
165 98.0 77.6 116.4
167 12.9 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

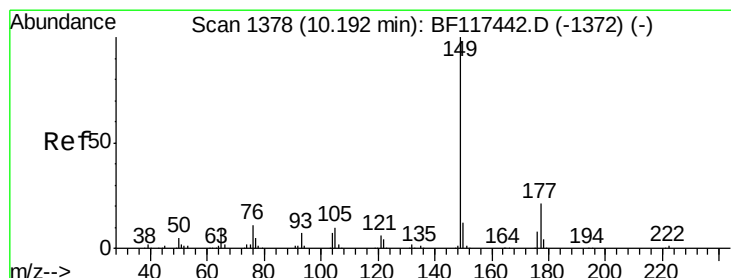
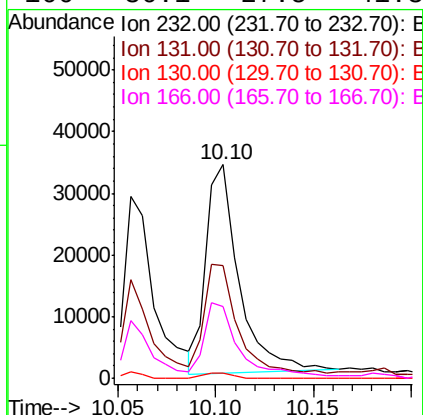
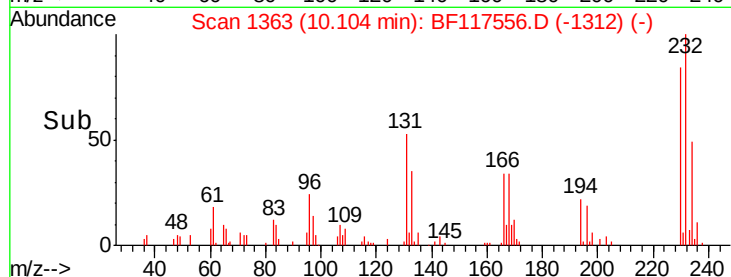
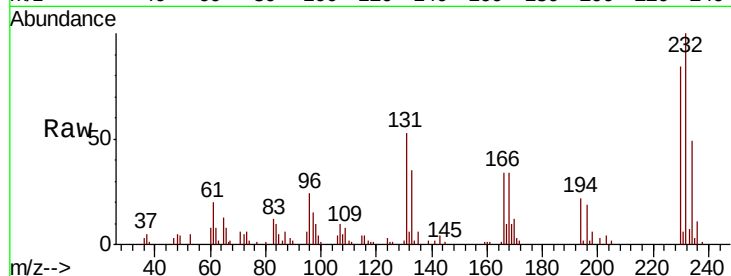




#59
2,3,4,6-Tetrachlorophenol
Concen: 32.659 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF117556.D
Acq: 28 Oct 2019 12:02

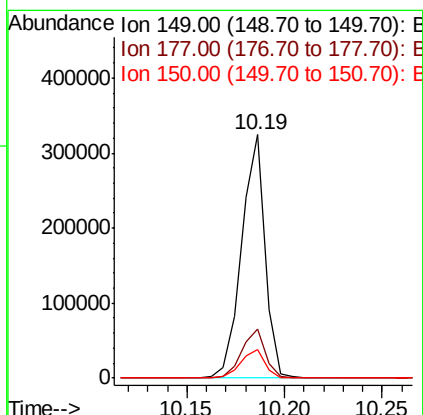
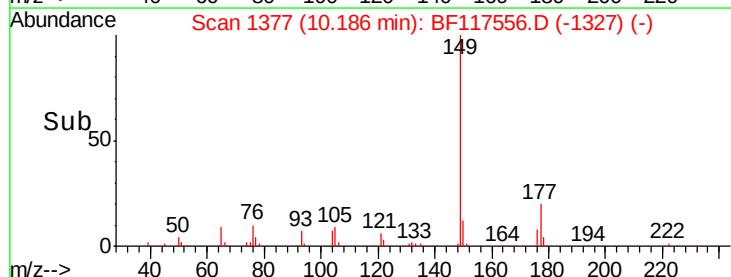
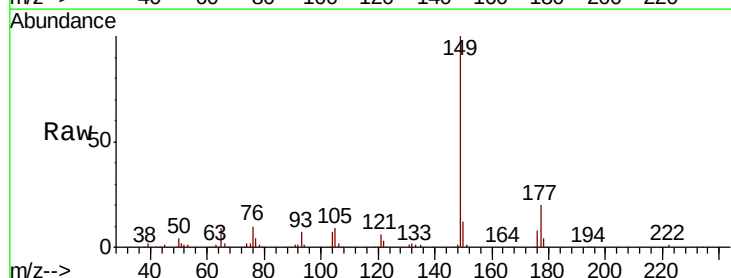
Instrument :
BNA_E
ClientSampleId :

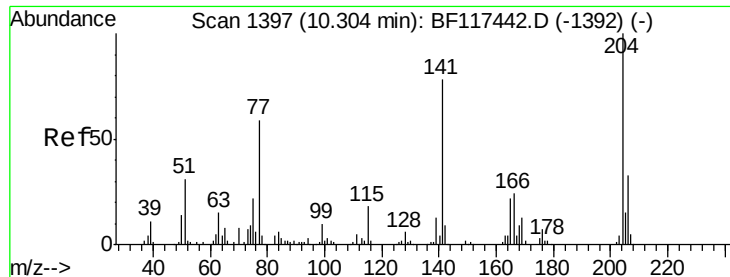
Tot Ion	Ratio	Lower	Upper
232	100		
131	57.2	42.6	63.8
130	2.3	2.2	3.4
166	36.1	27.5	41.3



#60
Diethylphthalate
Concen: 41.260 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF117556.D
Acq: 28 Oct 2019 12:02

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.4	17.0	25.4
150	11.9	9.8	14.6

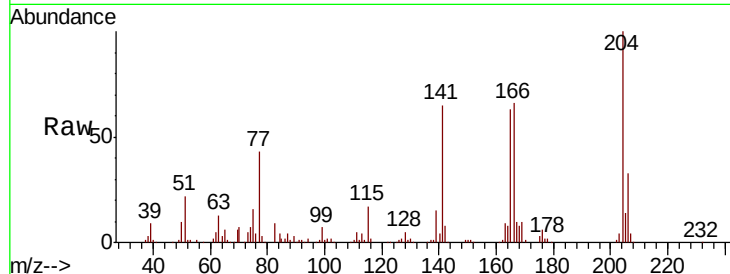




#61
4-Chlorophenyl-phenylether
Concen: 41.395 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BF117556.D
Acq: 28 Oct 2019 12:02

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.3	39.5
141	65.3	62.2	93.4

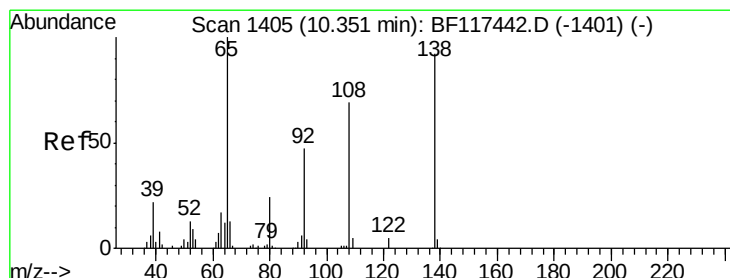
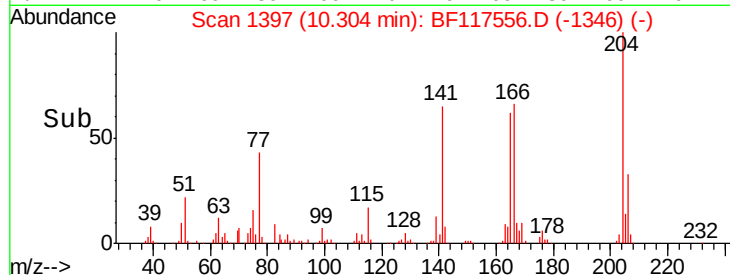
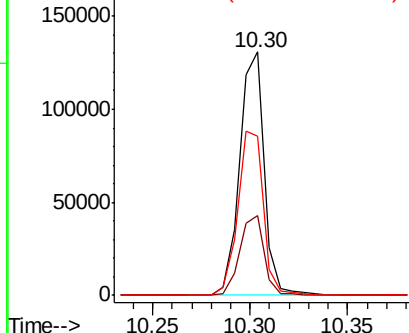


Abundance

Ion 204.00 (203.70 to 204.70): E

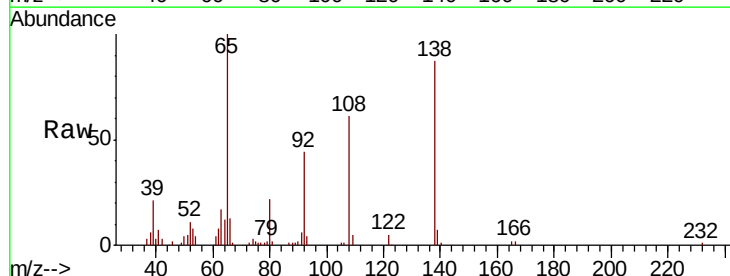
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 45.609 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF117556.D
Acq: 28 Oct 2019 12:02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.6	30.3	70.3
108	70.1	54.9	94.9

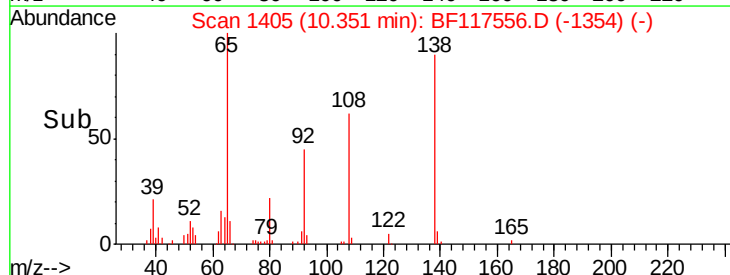
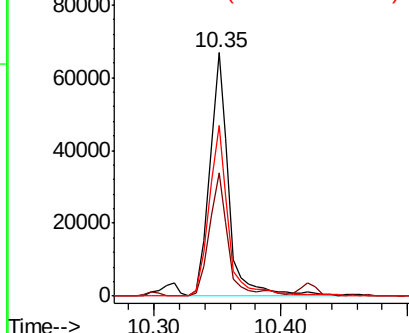


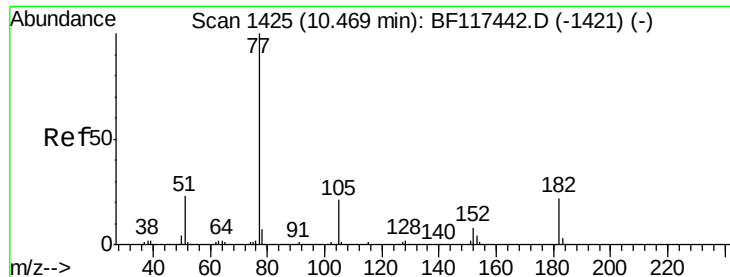
Abundance

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

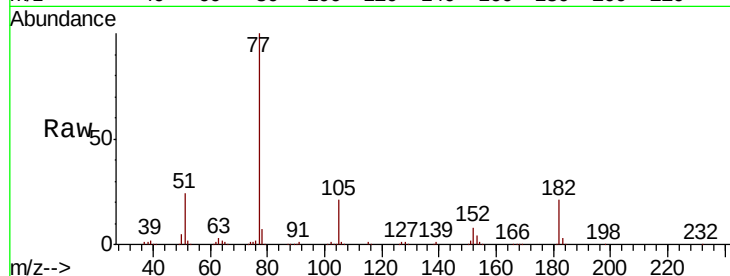




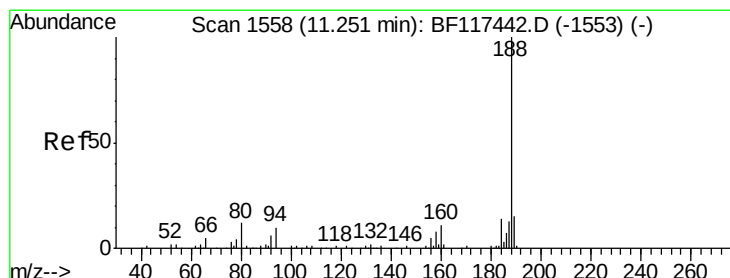
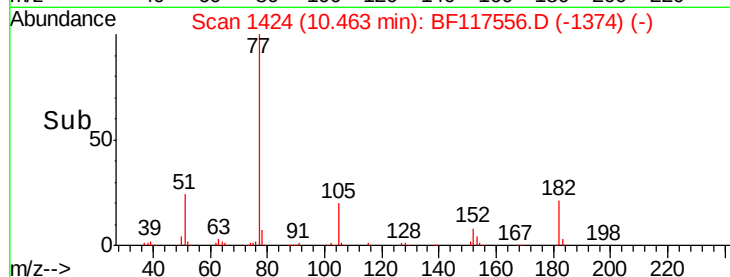
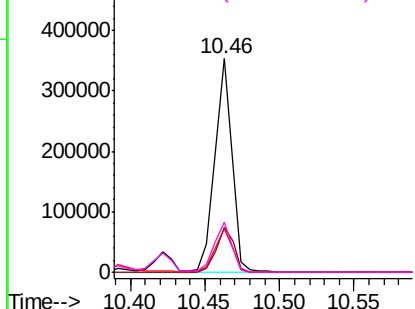
#63
Azobenzene
Concen: 41.985 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF117556.D
Acq: 28 Oct 2019 12:02

Instrument :
BNA_E
ClientSampleId :

Tot Ion:	77	Resp:	282019
Ion	Ratio	Lower	Upper
77	100		
182	21.3	2.3	42.3
105	20.5	1.3	41.3
51	23.6	3.5	43.5

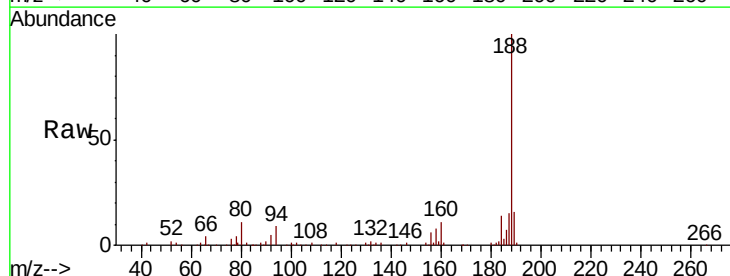


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

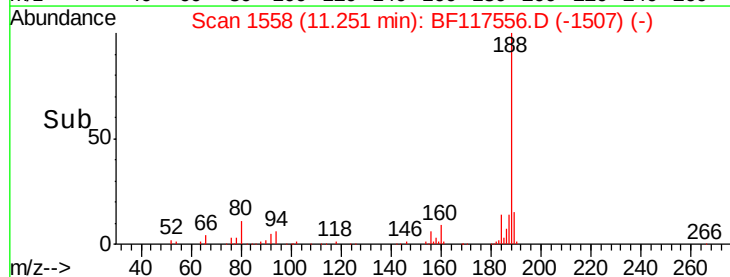
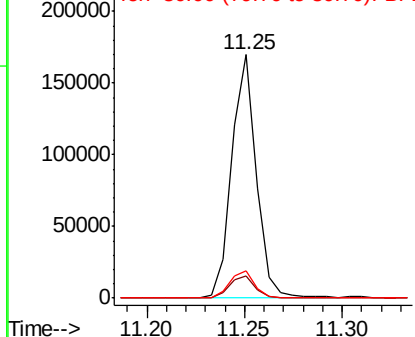


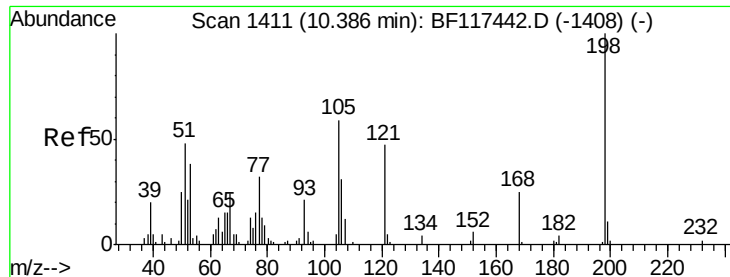
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117556.D
Acq: 28 Oct 2019 12:02

Tgt Ion:	188	Resp:	148052
Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.0	12.0
80	11.1	9.5	14.3



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

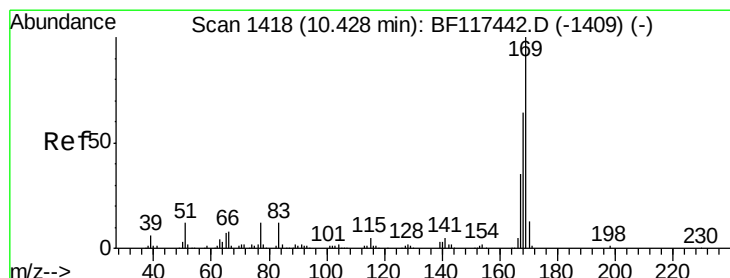
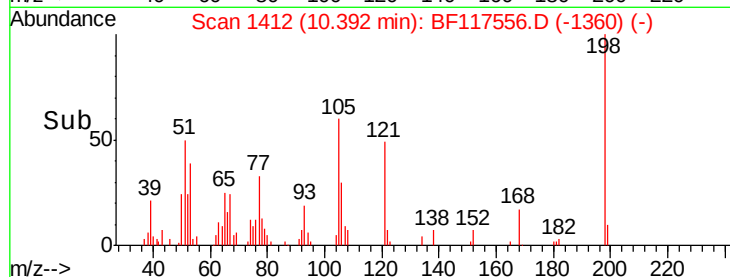
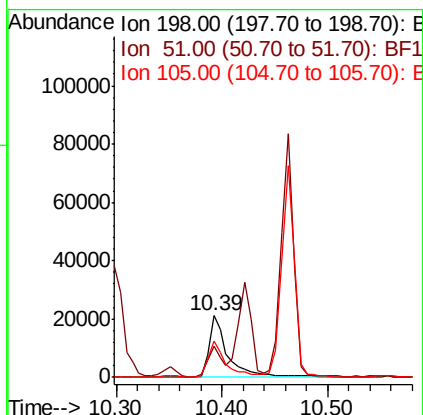
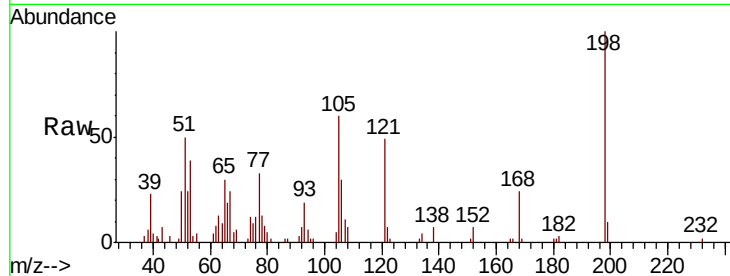




#65
4,6-Dinitro-2-methylphenol
Concen: 35.168 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF117556.D
Acq: 28 Oct 2019 12:02

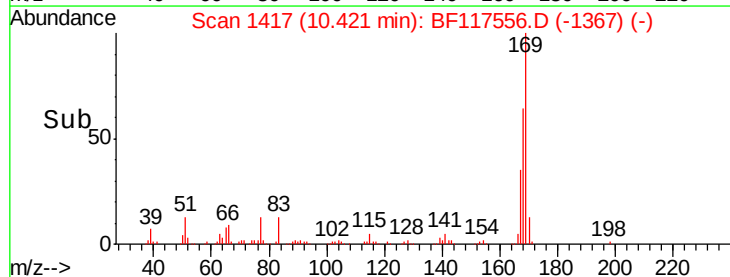
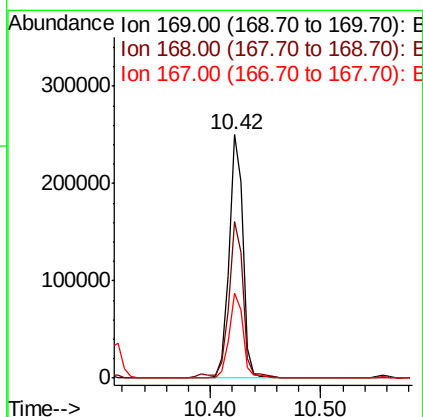
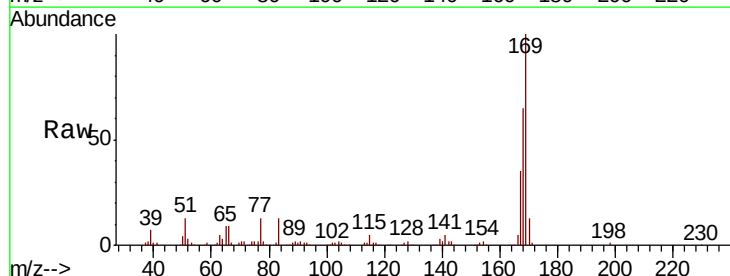
Instrument :
BNA_E
ClientSampleId :

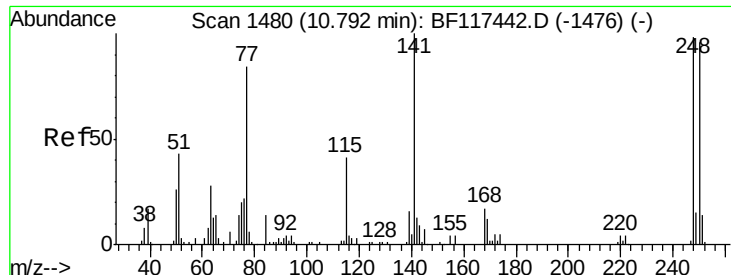
Tot Ion:198 Resp: 26472
Ion Ratio Lower Upper
198 100
51 50.5 29.1 69.1
105 59.6 39.4 79.4



#66
n-Nitrosodiphenylamine
Concen: 40.757 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF117556.D
Acq: 28 Oct 2019 12:02

Tgt Ion:169 Resp: 220595
Ion Ratio Lower Upper
169 100
168 64.5 51.3 76.9
167 34.8 28.2 42.4





#67

4-Bromophenyl-phenylether

Concen: 39.850 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BF117556.D

Acq: 28 Oct 2019 12:02

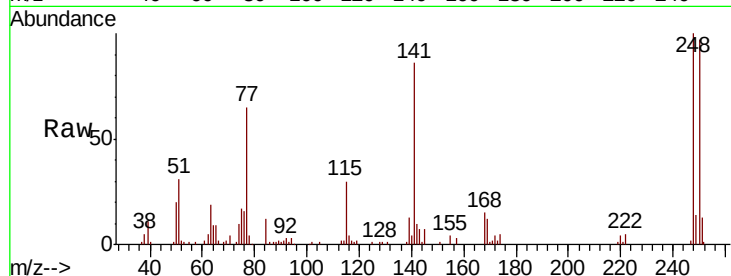
Instrument :

BNA_E

ClientSampled :

Tot Ion:248 Resp: 63549

Ion	Ratio	Lower	Upper
248	100		
250	96.6	78.0	117.0
141	85.5	81.7	122.5

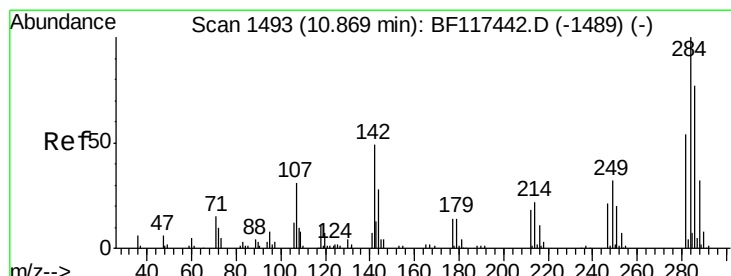
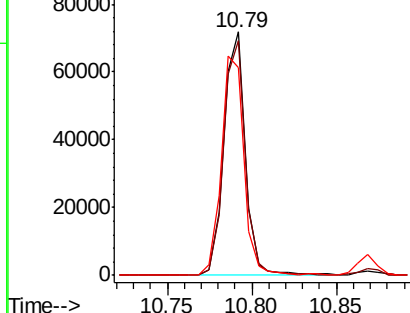
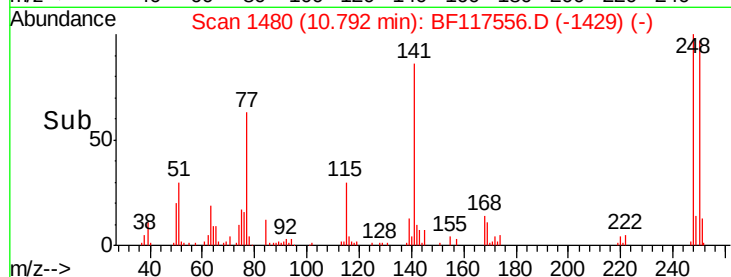


Abundance

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: 39.900 ng

RT: 10.87 min Scan# 1493

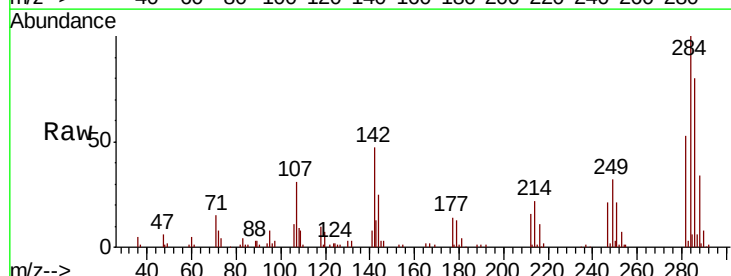
Delta R.T. -0.00 min

Lab File: BF117556.D

Acq: 28 Oct 2019 12:02

Tgt Ion:284 Resp: 68143

Ion	Ratio	Lower	Upper
284	100		
142	46.9	39.0	58.6
249	31.8	25.7	38.5

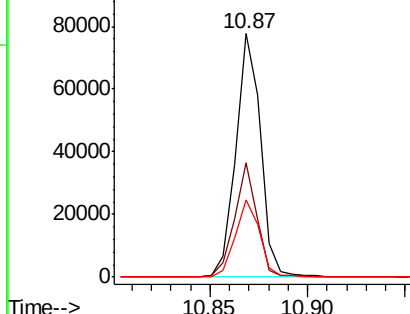
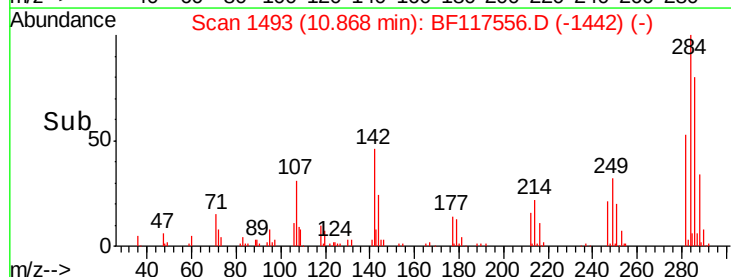


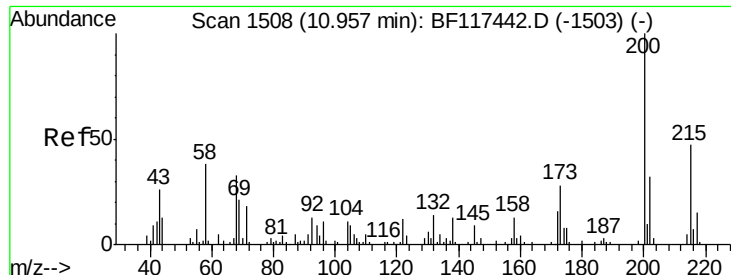
Abundance

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

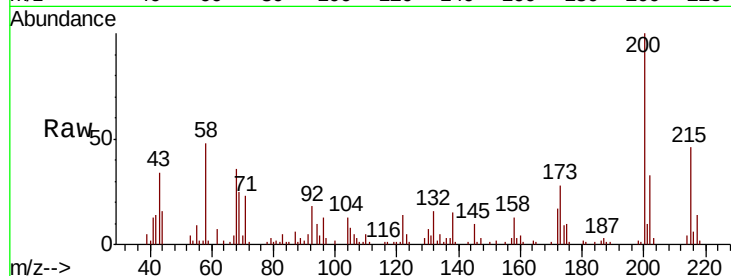




#69
 Atrazine
 Concen: 35.565 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF117556.D
 Acq: 28 Oct 2019 12:02

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.5	8.2	48.2
215	45.5	26.8	66.8

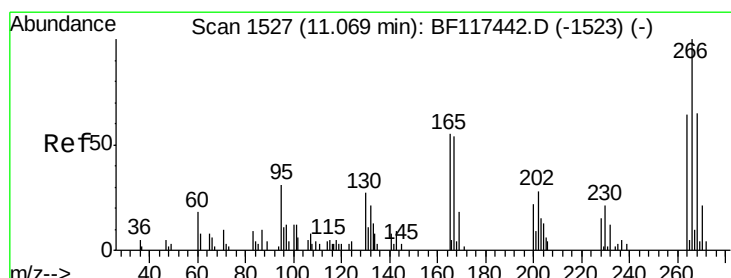
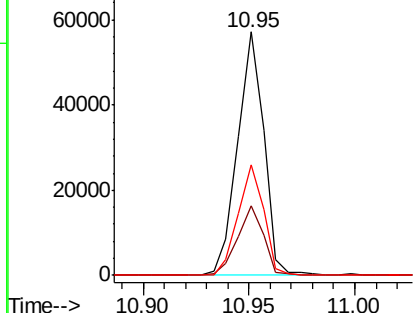
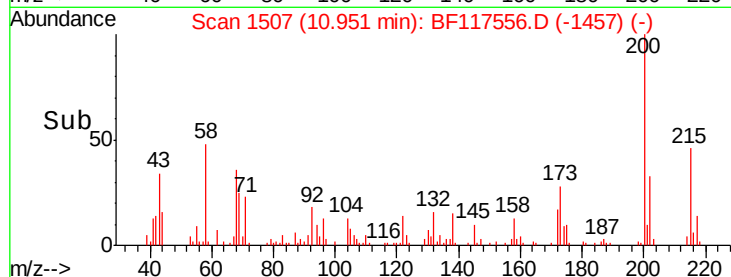


Abundance

Ion 200.00 (199.70 to 200.70): E

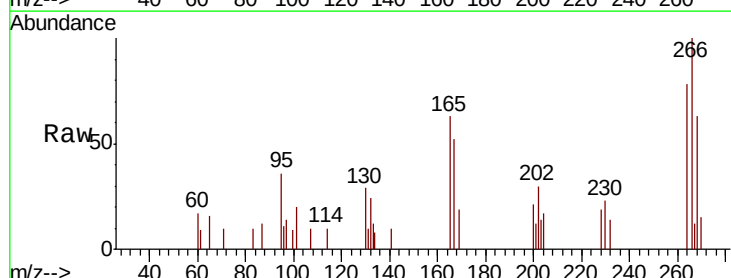
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 15.218 ng
 RT: 11.08 min Scan# 1529
 Delta R.T. 0.01 min
 Lab File: BF117556.D
 Acq: 28 Oct 2019 12:02

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.6	77.4
264	78.1	51.4	77.2

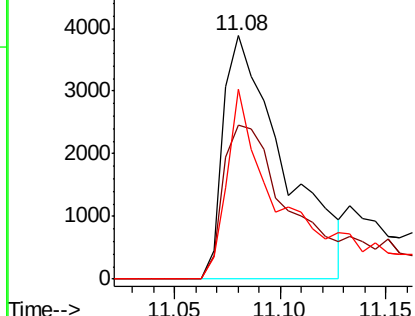
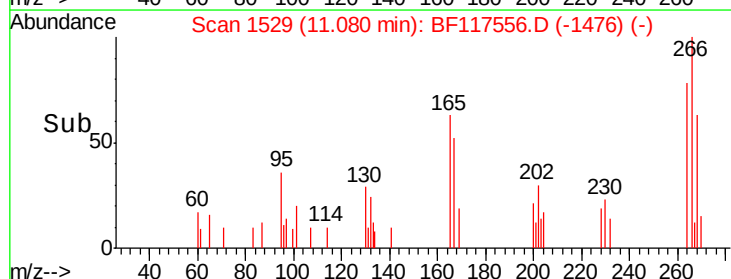


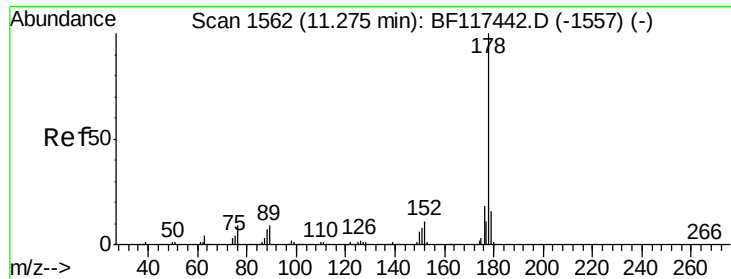
Abundance

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

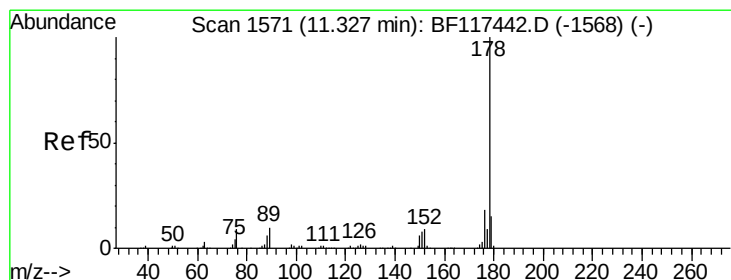
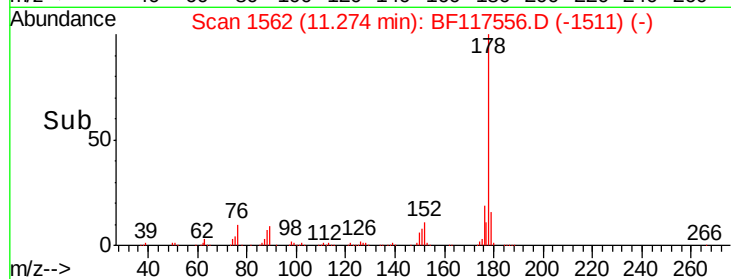
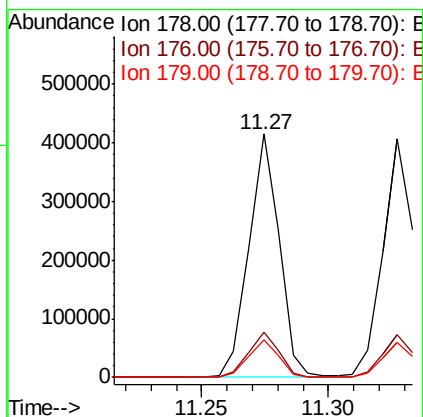
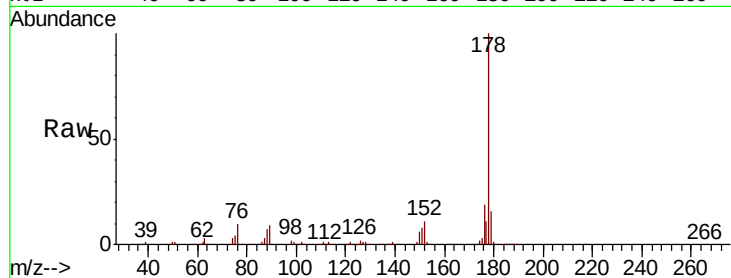




#71
Phenanthrene
Concen: 40.590 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF117556.D
Acq: 28 Oct 2019 12:02

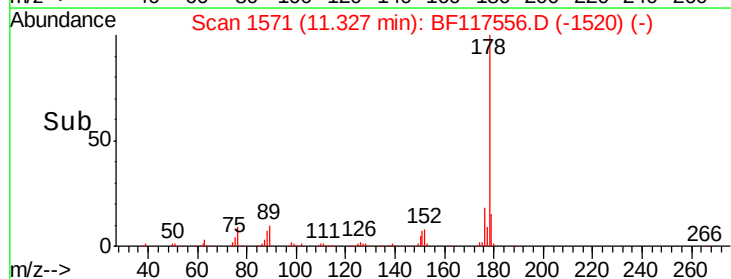
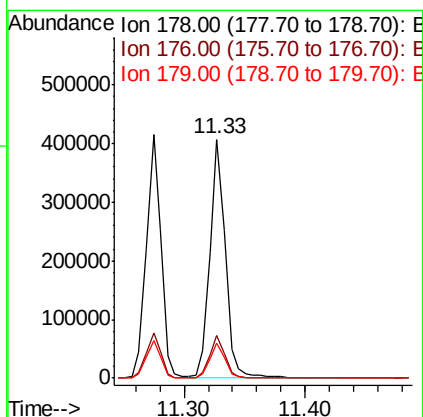
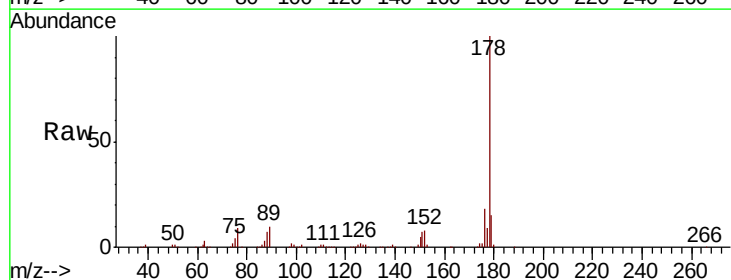
Instrument :
BNA_E
ClientSampled :

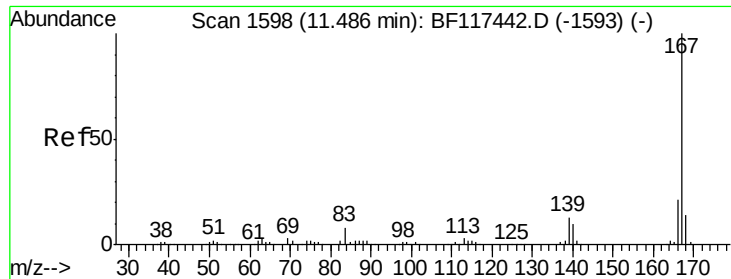
Tot Ion:178 Resp: 348948
Ion Ratio Lower Upper
178 100
176 18.7 14.6 22.0
179 15.7 12.6 19.0



#72
Anthracene
Concen: 40.872 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF117556.D
Acq: 28 Oct 2019 12:02

Tgt Ion:178 Resp: 360528
Ion Ratio Lower Upper
178 100
176 17.9 14.7 22.1
179 14.6 12.2 18.2

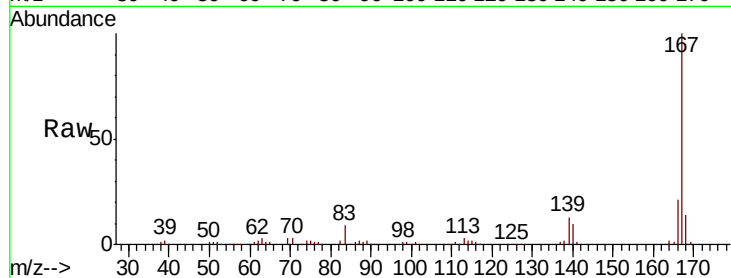




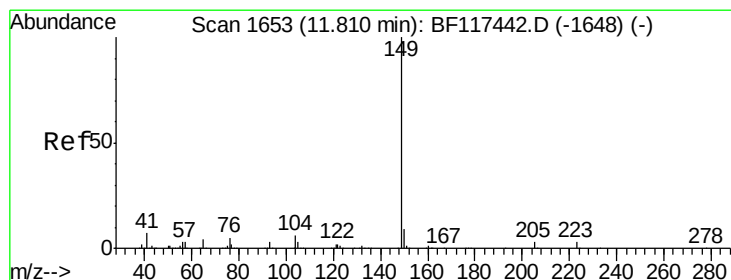
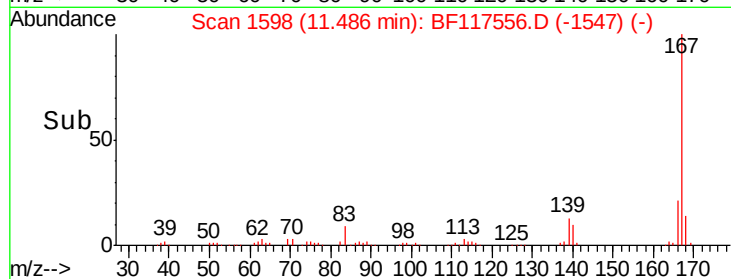
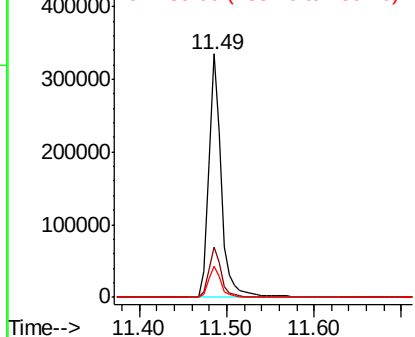
#73
 Carbazole
 Concen: 41.429 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF117556.D
 Acq: 28 Oct 2019 12:02

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:167 Resp: 333963
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.0 25.6
 139 12.9 10.6 16.0

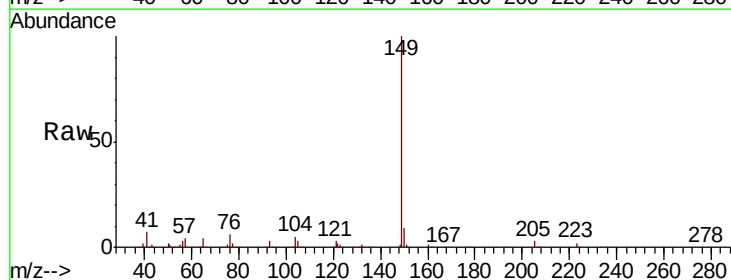


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

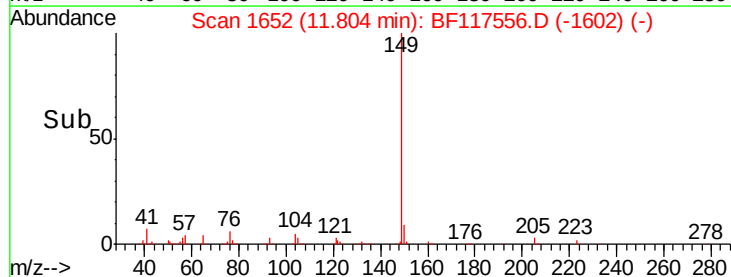
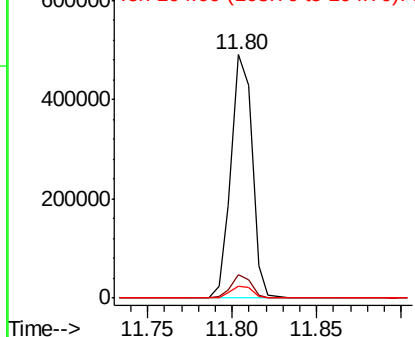


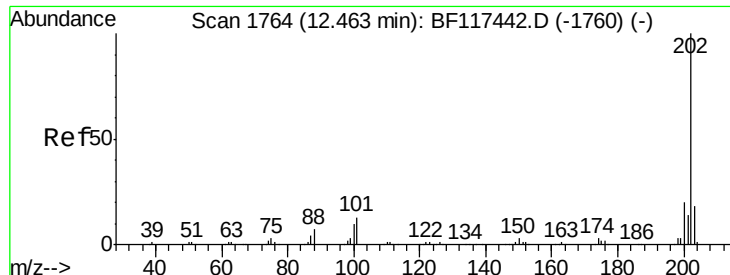
#74
 Di-n-butylphthalate
 Concen: 39.599 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. -0.01 min
 Lab File: BF117556.D
 Acq: 28 Oct 2019 12:02

Tgt Ion:149 Resp: 426524
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 5.0 4.6 6.8



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: 39.931 ng

RT: 12.47 min Scan# 1765

Delta R.T. 0.01 min

Lab File: BF117556.D

Acq: 28 Oct 2019 12:02

Instrument :

BNA_E

ClientSampleId :

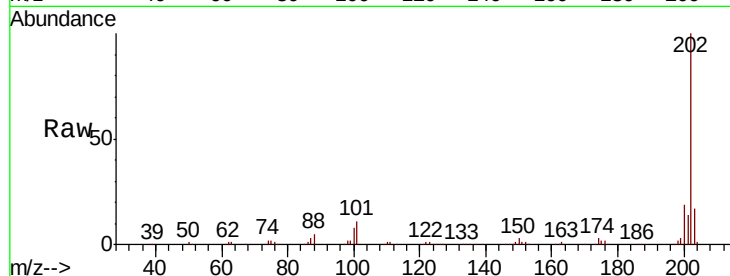
Tot Ion:202 Resp: 343651

Ion Ratio Lower Upper

202 100

101 11.0 0.0 32.7

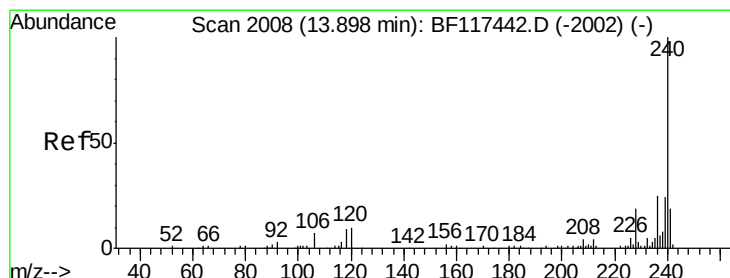
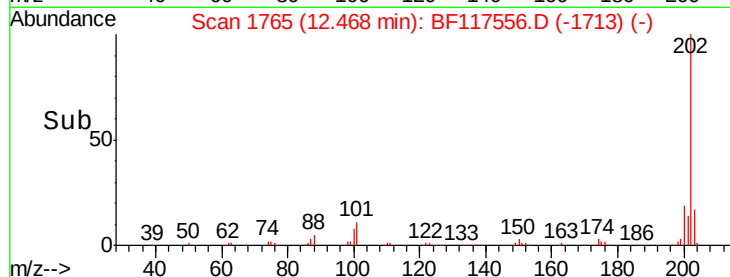
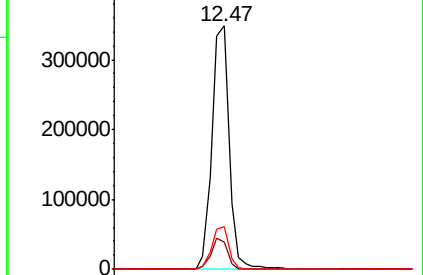
203 17.3 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF117556.D

Acq: 28 Oct 2019 12:02

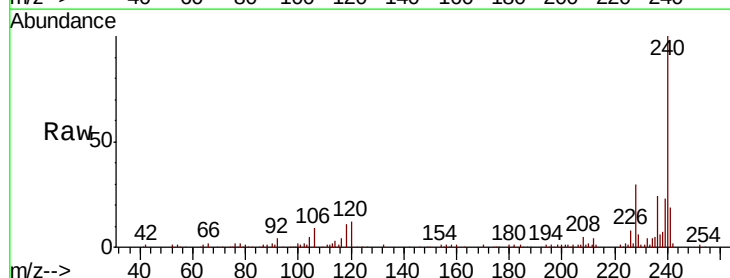
Tgt Ion:240 Resp: 92113

Ion Ratio Lower Upper

240 100

120 11.7 8.4 12.6

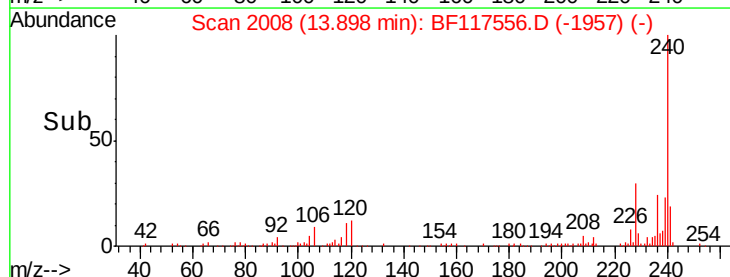
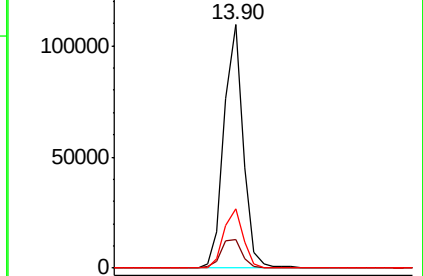
236 24.4 20.0 30.0

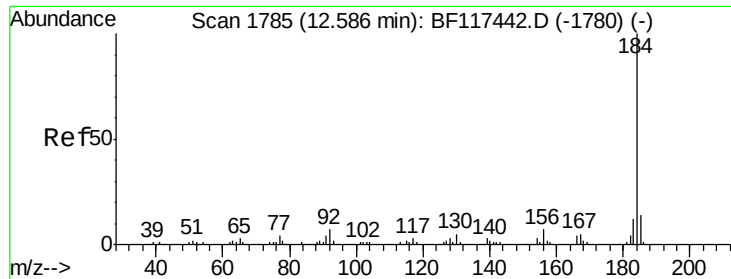


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 54.602 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF117556.D

Acq: 28 Oct 2019 12:02

Instrument :

BNA_E

ClientSampleId :

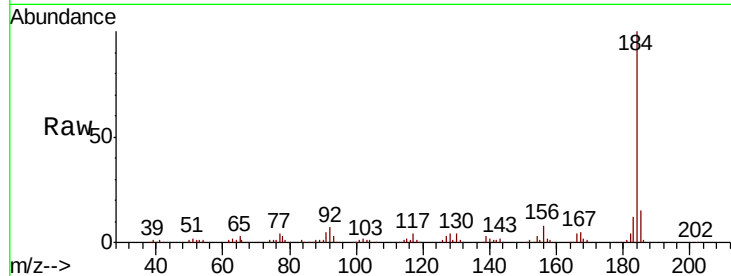
Tot Ion:184 Resp: 128183

Ion Ratio Lower Upper

184 100

185 15.0 11.4 17.0

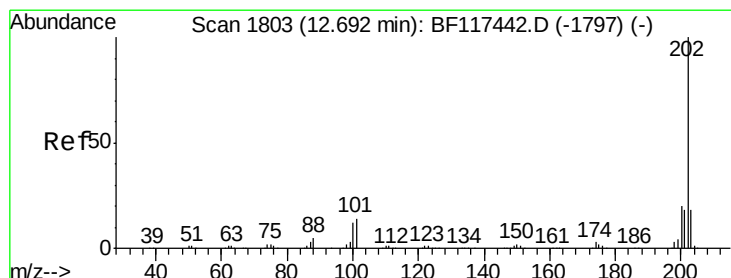
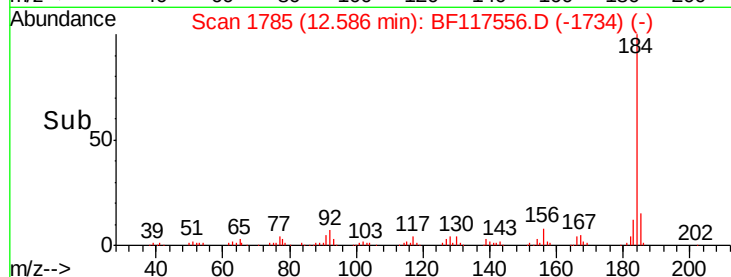
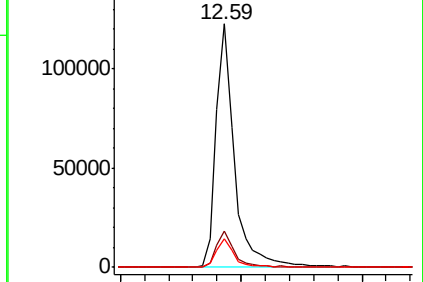
183 11.7 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.885 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.01 min

Lab File: BF117556.D

Acq: 28 Oct 2019 12:02

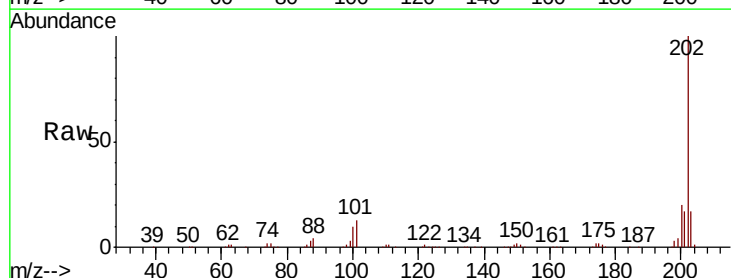
Tgt Ion:202 Resp: 347218

Ion Ratio Lower Upper

202 100

200 20.2 16.2 24.2

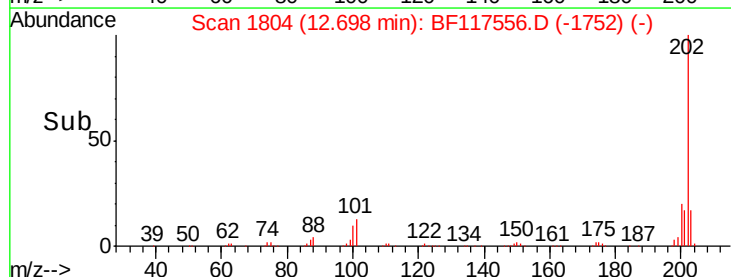
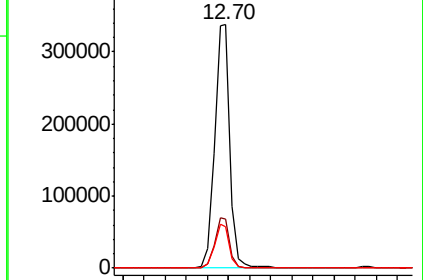
203 16.9 14.0 21.0

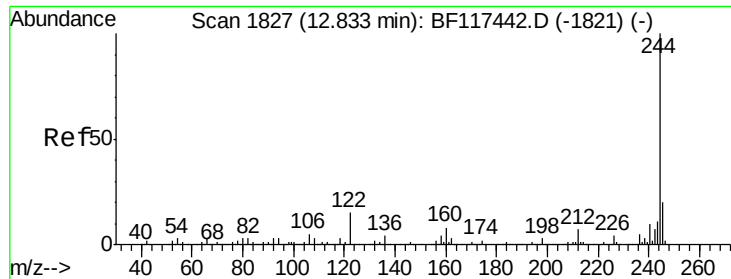


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.053 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF117556.D

Acq: 28 Oct 2019 12:02

Instrument :

BNA_E

ClientSampleId :

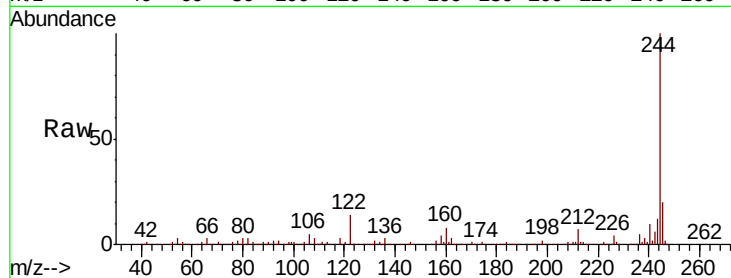
Tot Ion:244 Resp: 480316

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

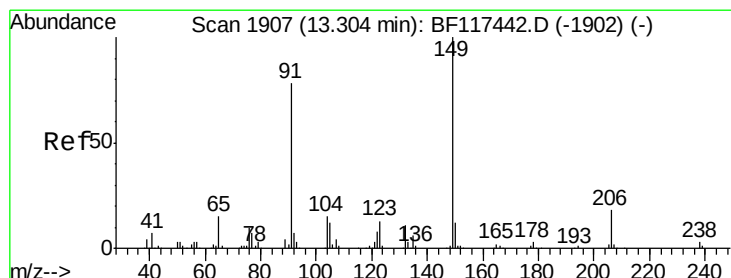
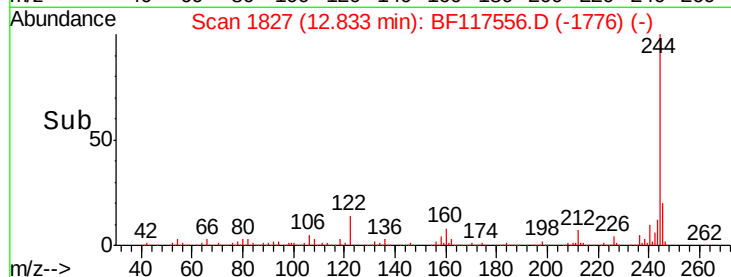
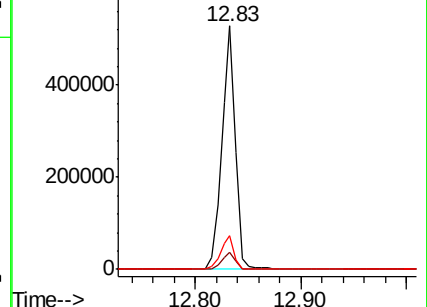
122 13.7 11.8 17.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.860 ng

RT: 13.30 min Scan# 1907

Delta R.T. -0.00 min

Lab File: BF117556.D

Acq: 28 Oct 2019 12:02

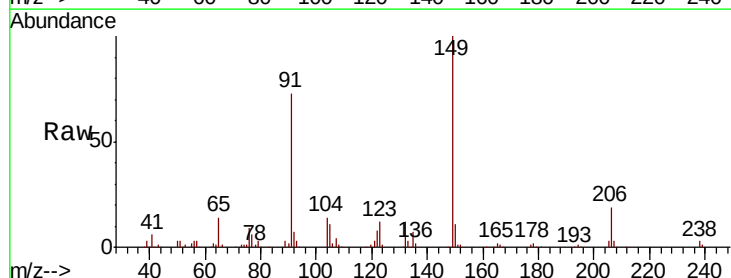
Tgt Ion:149 Resp: 164809

Ion Ratio Lower Upper

149 100

91 73.1 62.1 93.1

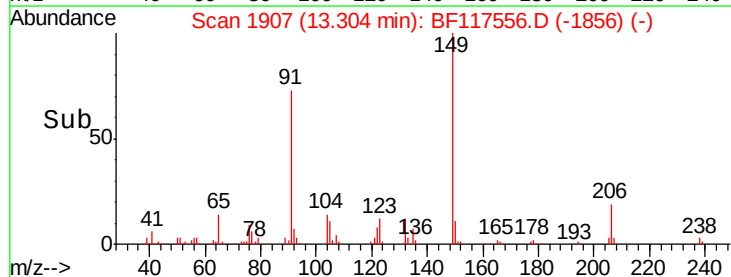
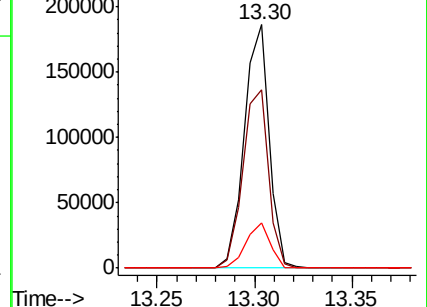
206 18.6 14.3 21.5

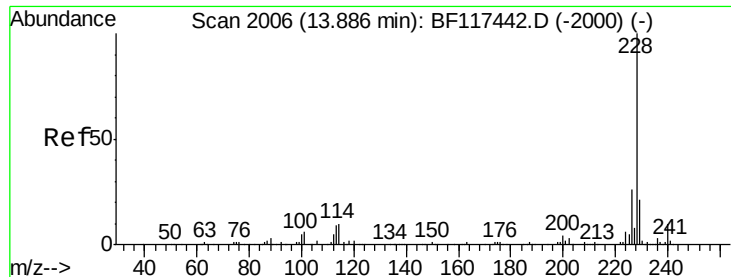


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

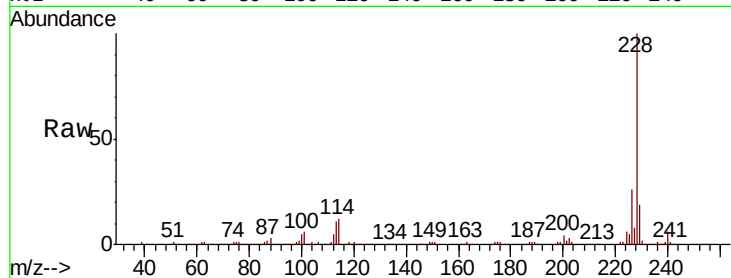




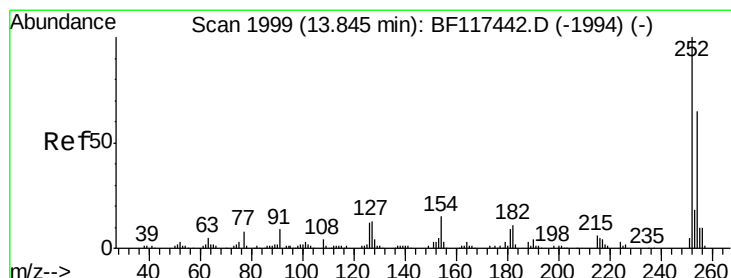
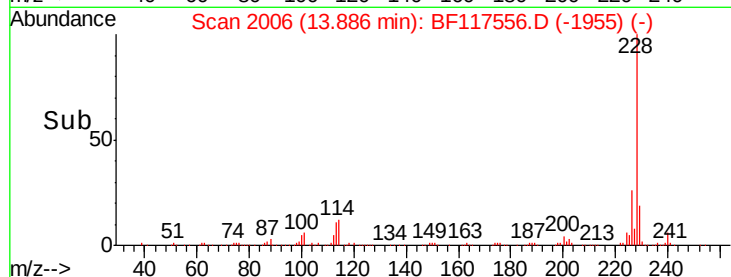
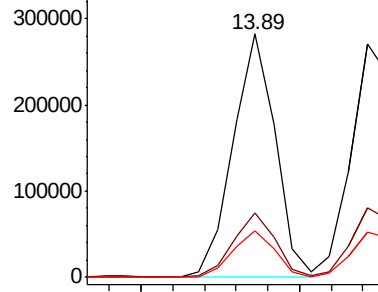
#81
Benzo(a)anthracene
Concen: 42.260 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF117556.D
Acq: 28 Oct 2019 12:02

Instrument :
BNA_E
ClientSampleId :

Tot Ion:228 Resp: 262579
Ion Ratio Lower Upper
228 100
226 26.3 21.0 31.4
229 19.0 16.4 24.6

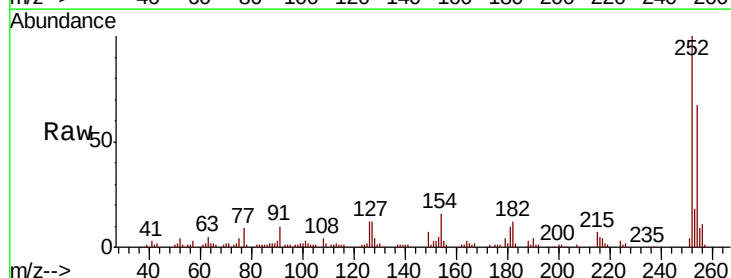


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

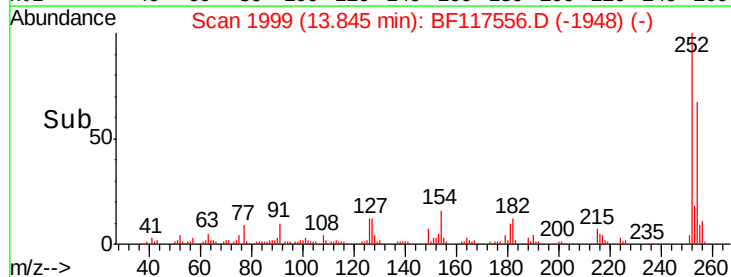
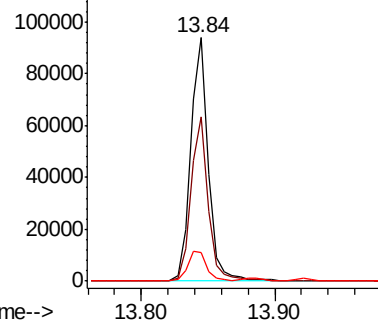


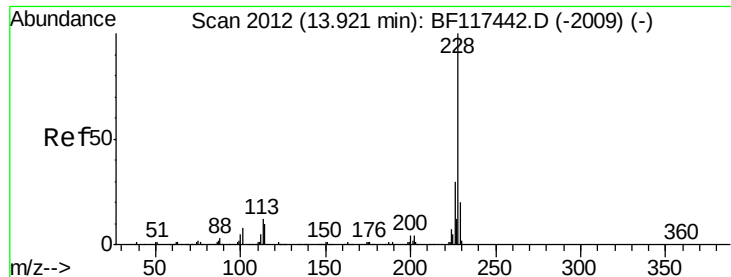
#82
3,3'-Dichlorobenzidine
Concen: 44.868 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BF117556.D
Acq: 28 Oct 2019 12:02

Tgt Ion:252 Resp: 87480
Ion Ratio Lower Upper
252 100
254 67.4 52.2 78.4
126 11.9 9.2 13.8



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

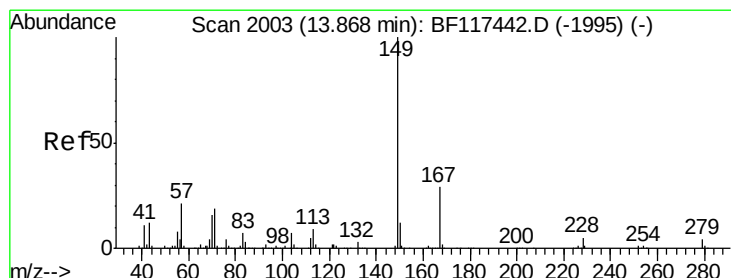
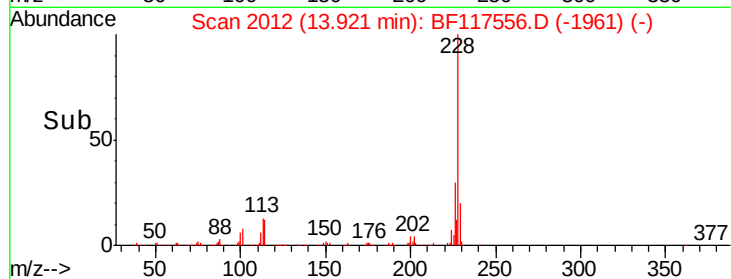
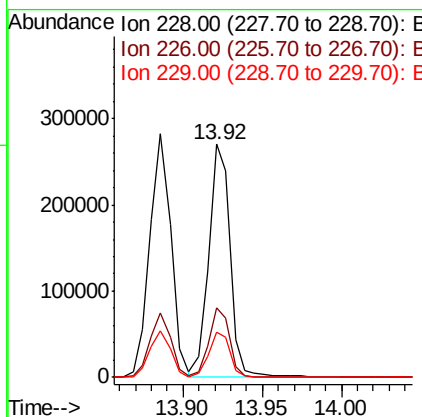
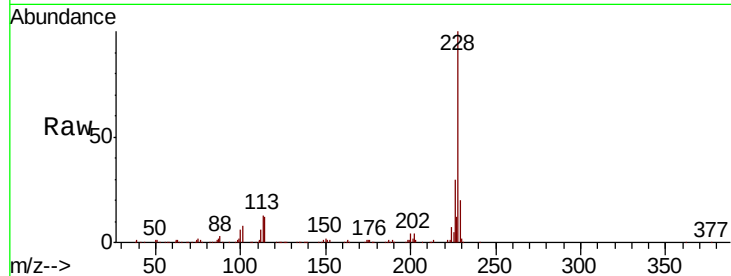




#83
 Chrysene
 Concen: 41.585 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.00 min
 Lab File: BF117556.D
 Acq: 28 Oct 2019 12:02

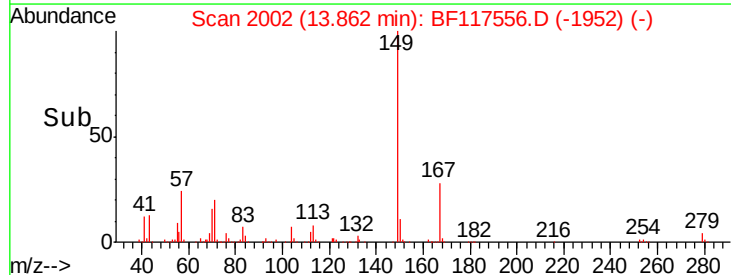
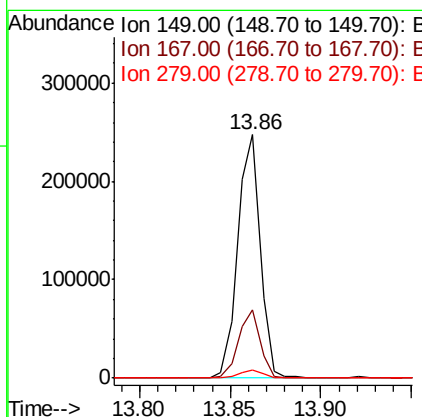
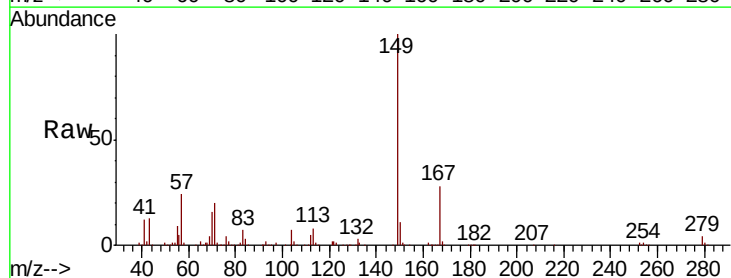
Instrument :
 BNA_E
 ClientSampleId :

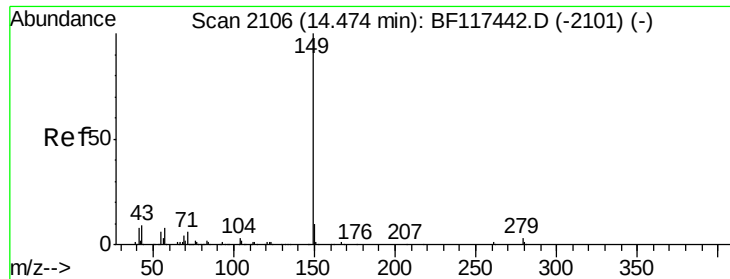
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.9	35.9
229	19.6	15.8	23.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.933 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF117556.D
 Acq: 28 Oct 2019 12:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	23.3	34.9
279	3.6	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 40.120 ng

RT: 14.47 min Scan# 2106

Delta R.T. -0.00 min

Lab File: BF117556.D

Acq: 28 Oct 2019 12:02

Instrument :

BNA_E

ClientSampleId :

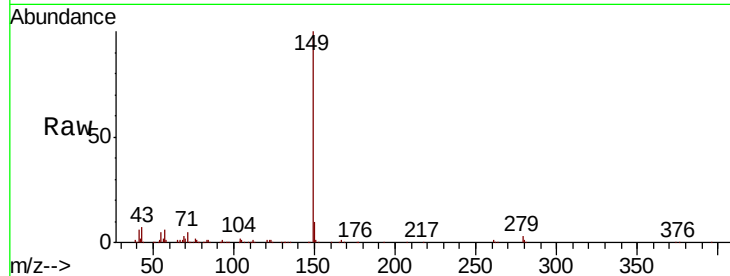
Tot Ion:149 Resp: 340206

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

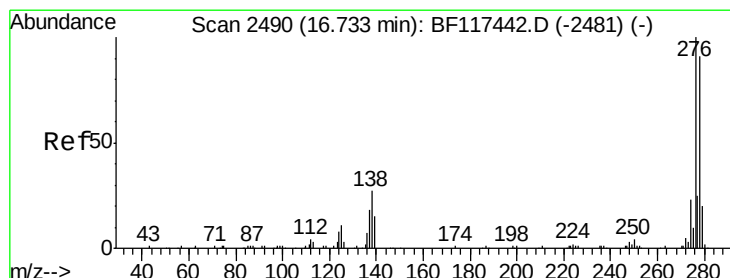
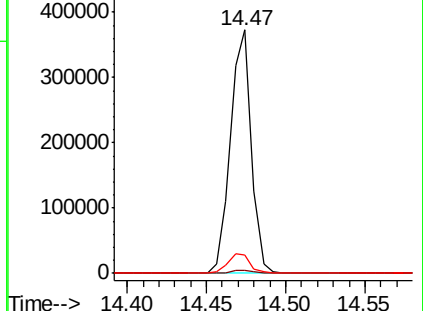
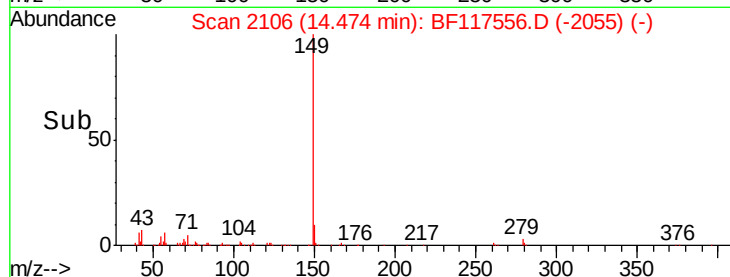
43 8.3 6.8 10.2



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: 42.993 ng

RT: 16.75 min Scan# 2493

Delta R.T. 0.02 min

Lab File: BF117556.D

Acq: 28 Oct 2019 12:02

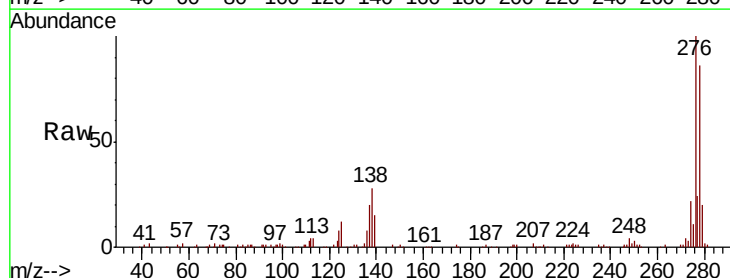
Tgt Ion:276 Resp: 195465

Ion Ratio Lower Upper

276 100

138 28.3 21.8 32.8

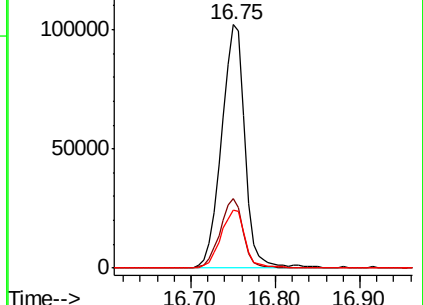
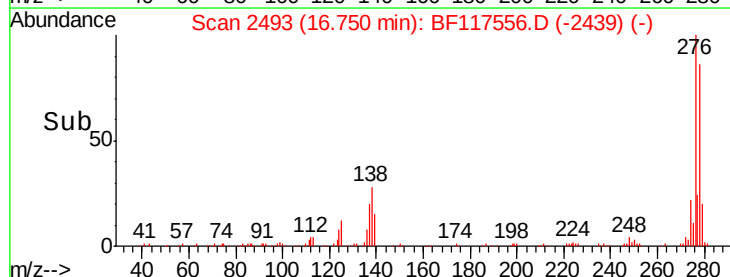
277 24.4 20.0 30.0

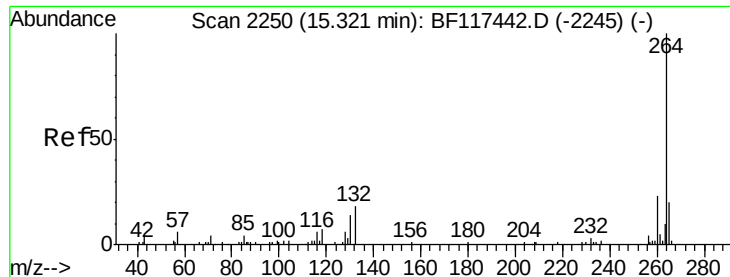


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

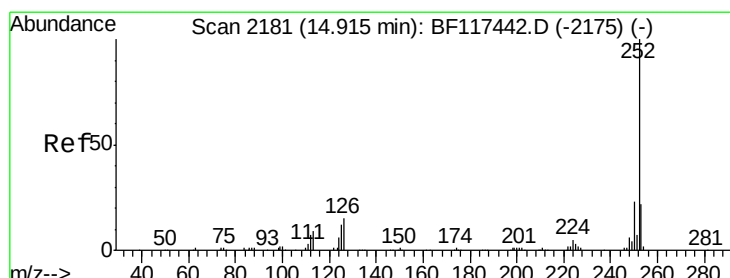
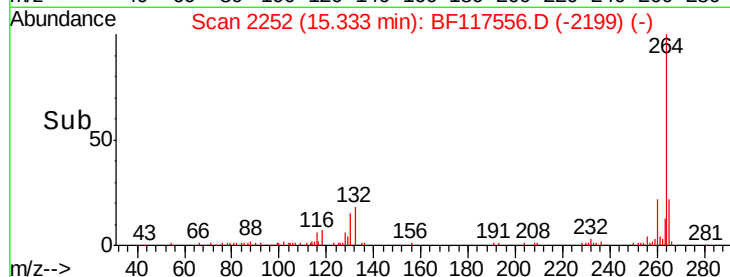
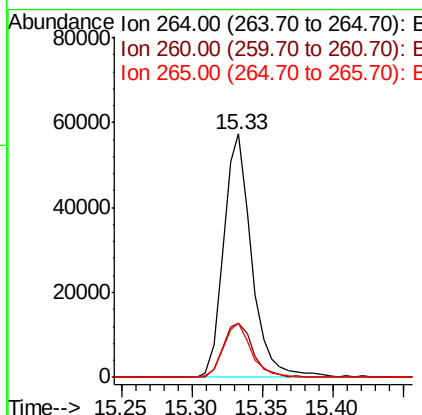
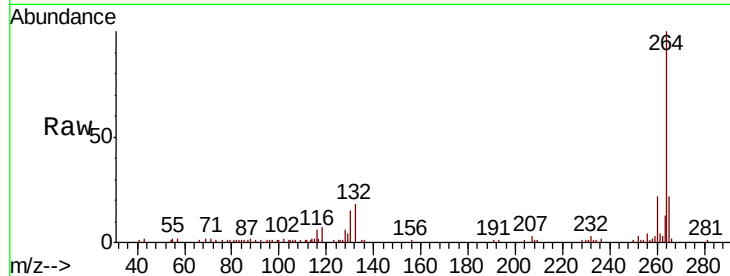




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF117556.D
Acq: 28 Oct 2019 12:02

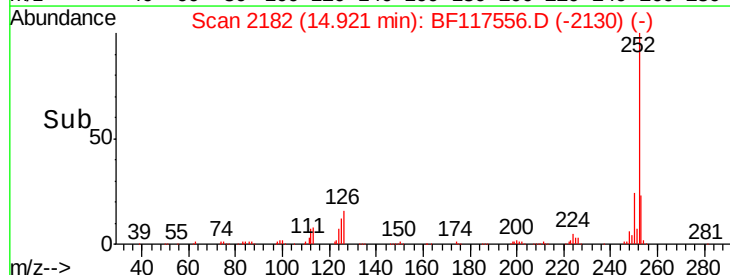
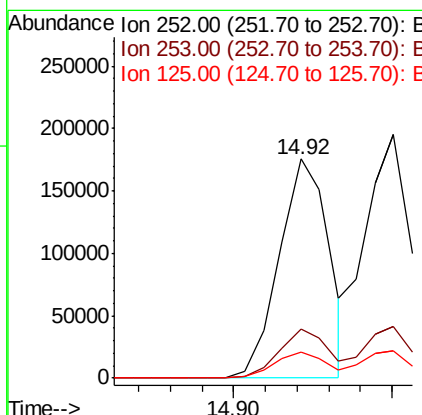
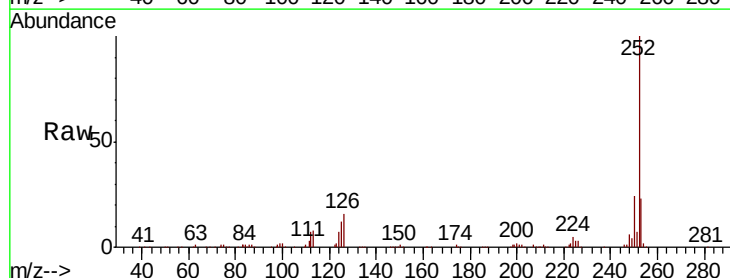
Instrument :
BNA_E
ClientSampleId :

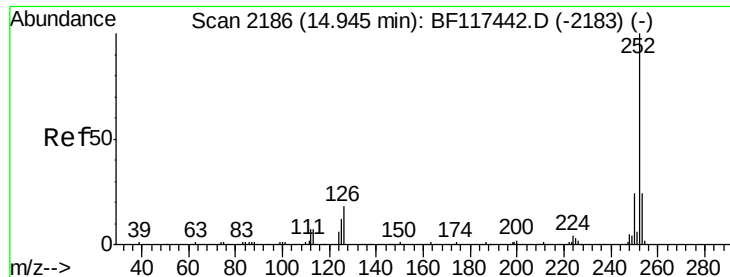
Tot Ion:264 Resp: 78906
Ion Ratio Lower Upper
264 100
260 22.2 18.4 27.6
265 22.4 16.1 24.1



#88
Benzo(b)fluoranthene
Concen: 41.219 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF117556.D
Acq: 28 Oct 2019 12:02

Tgt Ion:252 Resp: 192058
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 12.0 9.9 14.9





#89

Benzo(k)fluoranthene

Concen: 43.955 ng

RT: 14.95 min Scan# 2187

Delta R.T. 0.01 min

Lab File: BF117556.D

Acq: 28 Oct 2019 12:02

Instrument :

BNA_E

ClientSampled :

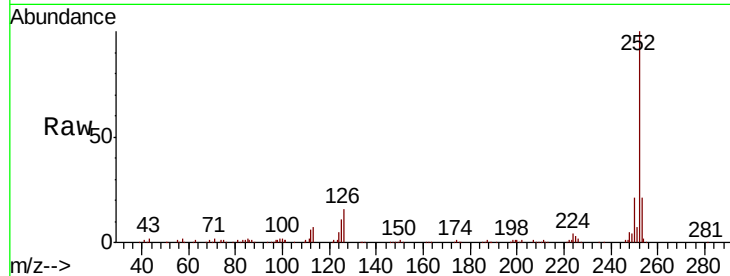
Tot Ion:252 Resp: 209915

Ion Ratio Lower Upper

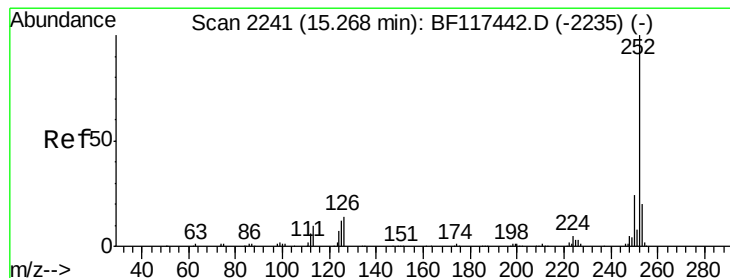
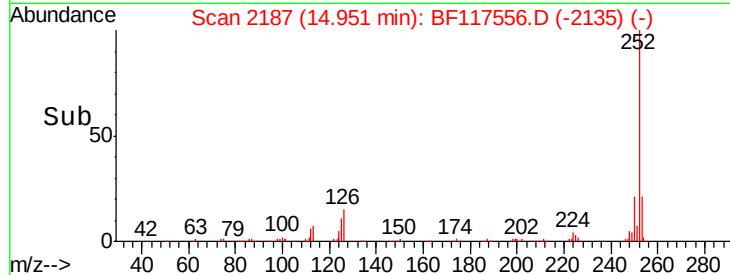
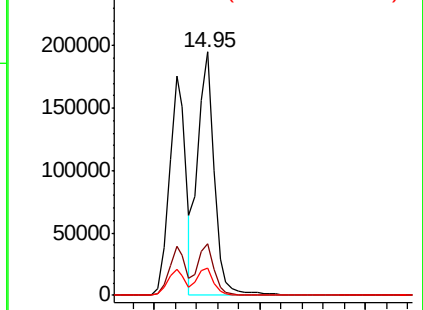
252 100

253 21.1 18.0 27.0

125 11.3 8.9 13.3



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



#90

Benzo(a)pyrene

Concen: 41.871 ng

RT: 15.27 min Scan# 2242

Delta R.T. 0.01 min

Lab File: BF117556.D

Acq: 28 Oct 2019 12:02

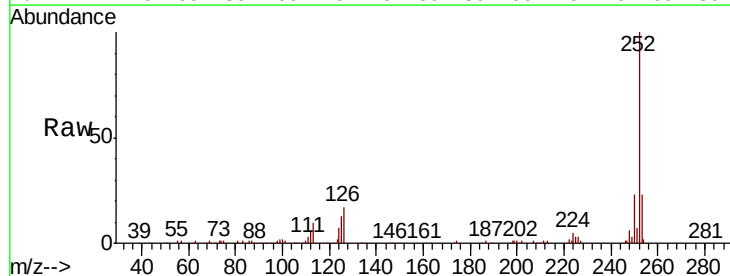
Tgt Ion:252 Resp: 177385

Ion Ratio Lower Upper

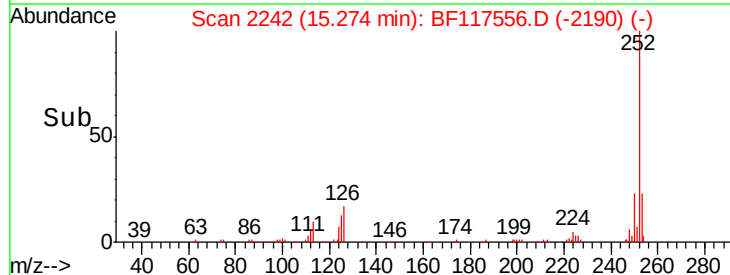
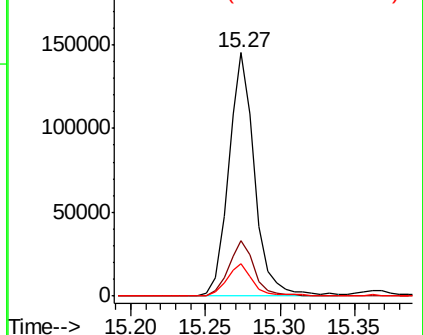
252 100

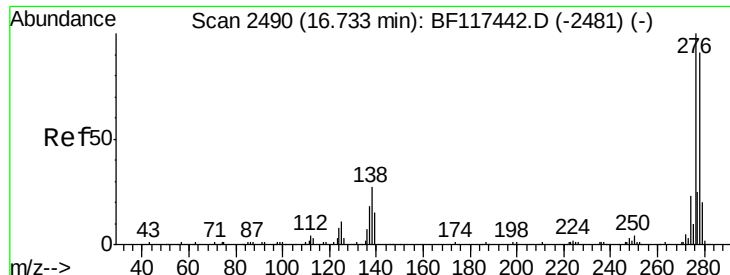
253 22.7 16.3 24.5

125 13.5 9.2 13.8



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





#91

Dibenzo(a,h)anthracene

Concen: 44.368 ng

RT: 16.75 min Scan# 2493

Delta R.T. 0.02 min

Lab File: BF117556.D

Acq: 28 Oct 2019 12:02

Instrument :

BNA_E

ClientSampleId :

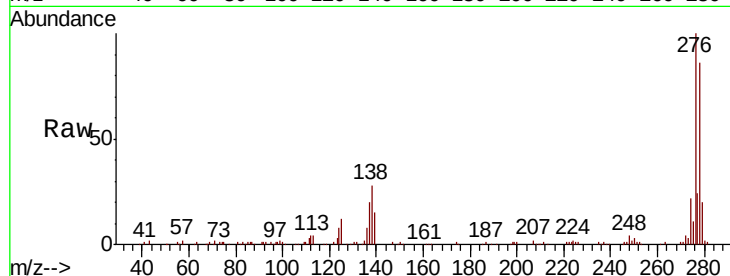
Tot Ion:278 Resp: 162527

Ion Ratio Lower Upper

278 100

139 17.7 13.4 20.0

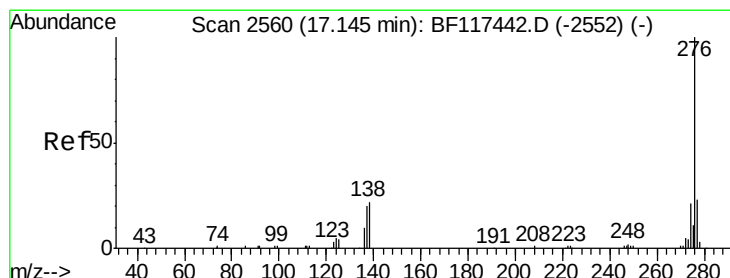
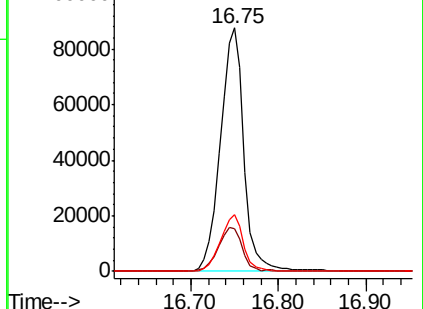
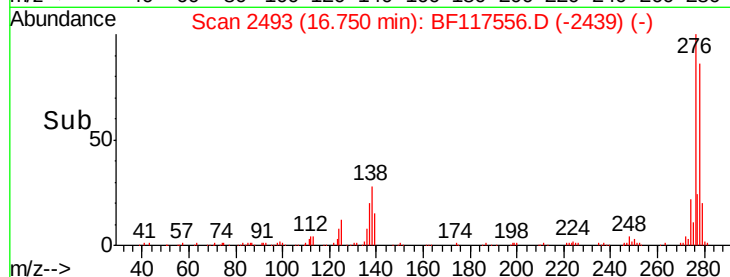
279 23.5 17.8 26.6



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(g,h,i)perylene

Concen: 45.099 ng

RT: 17.17 min Scan# 2565

Delta R.T. 0.03 min

Lab File: BF117556.D

Acq: 28 Oct 2019 12:02

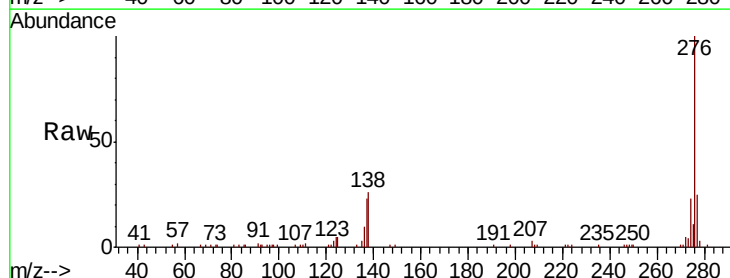
Tgt Ion:276 Resp: 156312

Ion Ratio Lower Upper

276 100

277 24.8 18.4 27.6

138 25.6 17.8 26.6



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

