

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
 Data File : BF117099.D
 Acq On : 17 Sep 2019 11:57
 Operator : HP/JU
 Sample : K4883-07MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 17 17:52:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	58407	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	231652	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	116706	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	189583	20.00	ng	0.00
76) Chrysene-d12	13.97	240	120671	20.00	ng	0.00
87) Perylene-d12	15.43	264	114202	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	207733	55.53	ng	0.01
7) Phenol-d6	6.46	99	176508	36.51	ng	0.00
23) Nitrobenzene-d5	7.39	82	424779	96.35	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	143715	147.34	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	752391	100.80	ng	0.00
79) Terphenyl-d14	12.92	244	683144	105.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	23802	15.205	ng	# 96
3) Pyridine	3.35	79	40692	9.497	ng	94
4) n-Nitrosodimethylamine	3.26	42	21054	14.318	ng	# 96
6) Aniline	6.49	93	133522	21.450	ng	97
8) 2-Chlorophenol	6.62	128	157155	38.940	ng	95
9) Benzaldehyde	6.37	77	112756	48.737	ng	98
10) Phenol	6.47	94	84092	15.777	ng	99
11) bis(2-Chloroethyl)ether	6.56	93	174070	44.436	ng	99
12) 1,3-Dichlorobenzene	6.77	146	172580	38.108	ng	96
13) 1,4-Dichlorobenzene	6.84	146	179903	38.926	ng	100
14) 1,2-Dichlorobenzene	7.00	146	169710	39.440	ng	97
15) Benzyl Alcohol	6.97	79	105971	28.582	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	168766	43.606	ng	95
17) 2-Methylphenol	7.09	107	101857	30.114	ng	94
18) Hexachloroethane	7.33	117	68408	38.475	ng	99
19) n-Nitroso-di-n-propylamine	7.24	70	140218	47.628	ng	99
20) 3+4-Methylphenols	7.23	107	116531	27.659	ng	# 41
22) Acetophenone	7.23	105	287717	48.885	ng	96
24) Nitrobenzene	7.40	77	214629	49.296	ng	99
25) Isophorone	7.65	82	391151	50.107	ng	99
26) 2-Nitrophenol	7.72	139	99931	53.434	ng	98
27) 2,4-Dimethylphenol	7.76	122	143279	48.312	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	231088	48.048	ng	99
29) 2,4-Dichlorophenol	7.97	162	145787	46.915	ng	94
30) 1,2,4-Trichlorobenzene	8.05	180	144800	43.130	ng	98
31) Naphthalene	8.13	128	521245	46.786	ng	99
32) Benzoic acid	7.85	122	12503	11.410	ng	92
33) 4-Chloroaniline	8.17	127	144946	29.333	ng	98
34) Hexachlorobutadiene	8.25	225	76278	40.047	ng	97
35) Caprolactam	8.53	113	6435	6.118	ng	97
36) 4-Chloro-3-methylphenol	8.65	107	159980	44.152	ng	96
37) 2-Methylnaphthalene	8.82	142	367398	48.971	ng	99
38) 1-Methylnaphthalene	8.92	142	343875	48.940	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	146492	48.609	ng	98

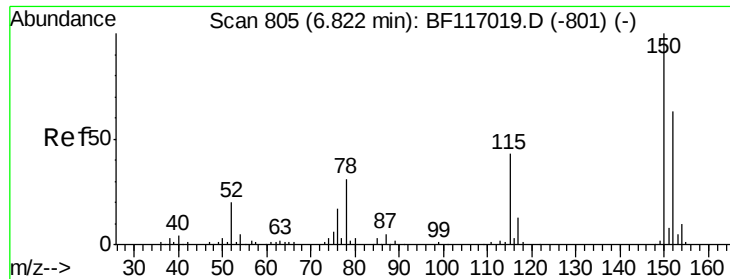
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
 Data File : BF117099.D
 Acq On : 17 Sep 2019 11:57
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	111229	83.155	nq	100
43) 2,4,6-Trichlorophenol	9.09	196	100401	49.092	nq	98
44) 2,4,5-Trichlorophenol	9.14	196	106182	48.594	nq	97
46) 1,1'-Biphenyl	9.27	154	446171	48.738	nq	100
47) 2-Chloronaphthalene	9.30	162	346609	47.975	nq	99
48) 2-Nitroaniline	9.40	65	116116	50.107	nq	96
49) Acenaphthylene	9.72	152	556027	51.374	nq	100
50) Dimethylphthalate	9.57	163	429050	51.922	nq	100
51) 2,6-Dinitrotoluene	9.64	165	90524	53.788	nq	90
52) Acenaphthene	9.89	154	322288	50.234	nq	99
53) 3-Nitroaniline	9.81	138	68831	32.415	nq	95
54) 2,4-Dinitrophenol	9.92	184	61474	84.067	nq	100
55) Dibenzofuran	10.06	168	491064	51.876	nq	99
56) 4-Nitrophenol	9.98	139	36939	26.841	nq	96
57) 2,4-Dinitrotoluene	10.05	165	123465	56.516	nq	97
58) Fluorene	10.40	166	400679	52.547	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	79652	47.635	nq	97
60) Diethylphthalate	10.27	149	414513	50.988	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	171834	52.084	nq	97
62) 4-Nitroaniline	10.42	138	102671	46.494	nq	98
63) Azobenzene	10.55	77	430954	51.903	nq	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	46606	53.097	nq	86
66) n-Nitrosodiphenylamine	10.51	169	341577	52.170	nq	99
67) 4-Bromophenyl-phenylether	10.88	248	99538	51.412	nq	97
68) Hexachlorobenzene	10.96	284	103731	48.985	nq	97
69) Atrazine	11.03	200	94937	66.317	nq	99
70) Pentachlorophenol	11.15	266	91465	92.144	nq	96
71) Phenanthrene	11.36	178	560246	52.028	nq	99
72) Anthracene	11.42	178	584395	53.158	nq	98
73) Carbazole	11.57	167	541302	51.873	nq	99
74) Di-n-butylphthalate	11.89	149	638382	51.418	nq	99
75) Fluoranthene	12.54	202	555125	50.172	nq	99
77) Benzidine	12.67	184	189612	48.779	nq	98
78) Pyrene	12.77	202	565183	55.819	nq	99
80) Butylbenzylphthalate	13.38	149	246856	51.597	nq	95
81) Benzo(a)anthracene	13.96	228	409863	50.838	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	121834	46.895	nq	97
83) Chrysene	14.00	228	403232	51.281	nq	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	325038	52.692	nq	99
85) Di-n-octyl phthalate	14.56	149	490128	50.481	nq	99
86) Indeno(1,2,3-cd)pyrene	16.88	276	380828	66.384	nq	99
88) Benzo(b)fluoranthene	15.01	252	318802	46.085	nq	100
89) Benzo(k)fluoranthene	15.04	252	340858	52.016	nq	98
90) Benzo(a)pyrene	15.37	252	323534	53.298	nq	98
91) Dibenzo(a,h)anthracene	16.89	278	318136	65.787	nq	98
92) Benzo(g,h,i)perylene	17.31	276	322407	66.905	nq	98

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

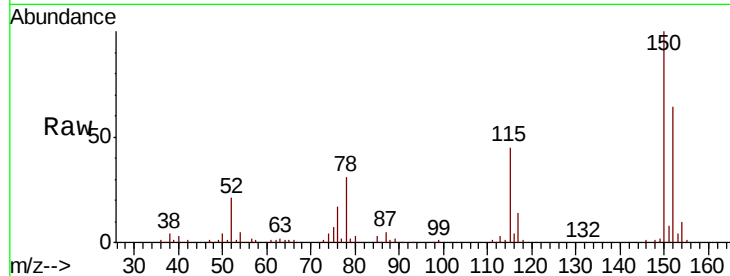


#1

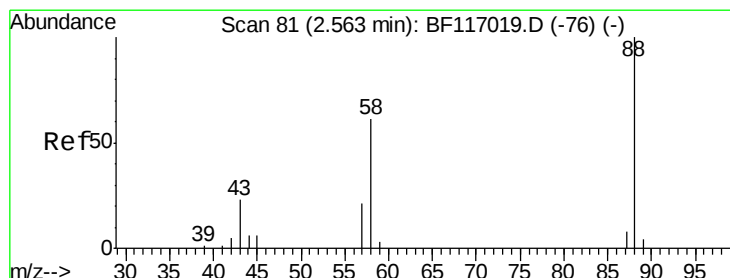
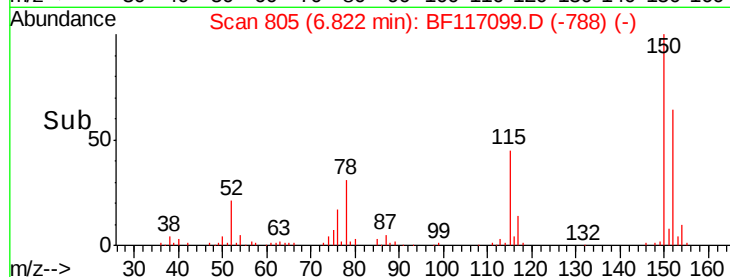
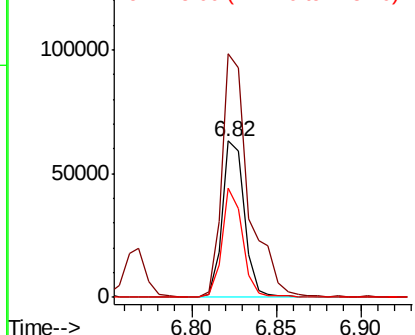
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117099.D
Acq: 17 Sep 2019 11:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 58407
Ion Ratio Lower Upper
152 100
150 155.9 127.5 191.3
115 70.3 55.0 82.4



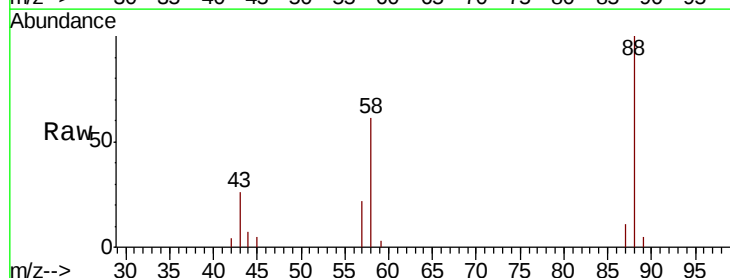
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



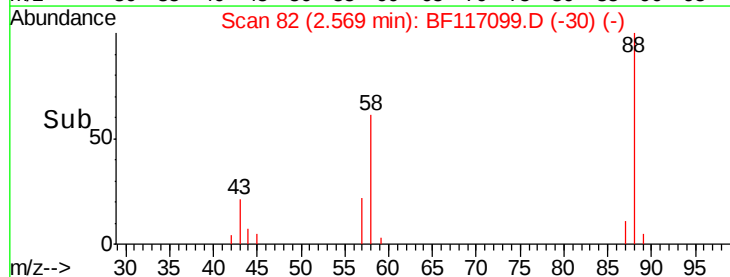
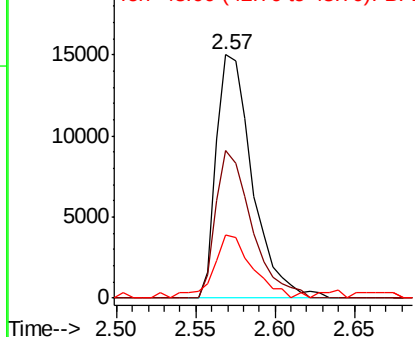
#2

1,4-Dioxane
Concen: 15.205 ng
RT: 2.57 min Scan# 82
Delta R.T. 0.01 min
Lab File: BF117099.D
Acq: 17 Sep 2019 11:57

Tgt Ion: 88 Resp: 23802
Ion Ratio Lower Upper
88 100
58 60.2 49.3 73.9
43 28.4 18.8 28.2#



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: 9.497 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.04 min

Lab File: BF117099.D

Acq: 17 Sep 2019 11:57

Instrument :

BNA_F

ClientSampleId :

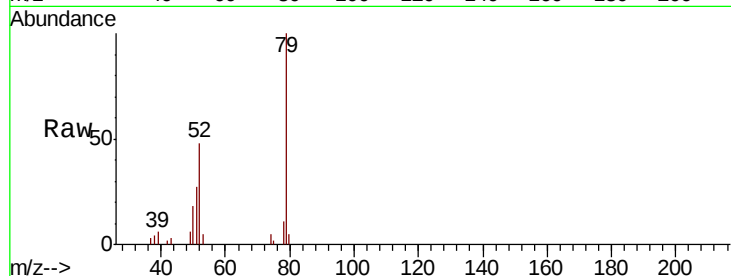
Tot Ion: 79 Resp: 40692

Ion Ratio Lower Upper

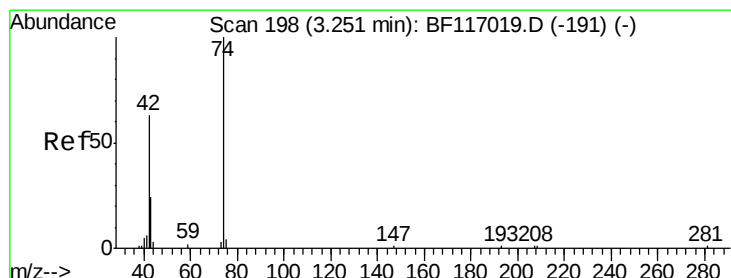
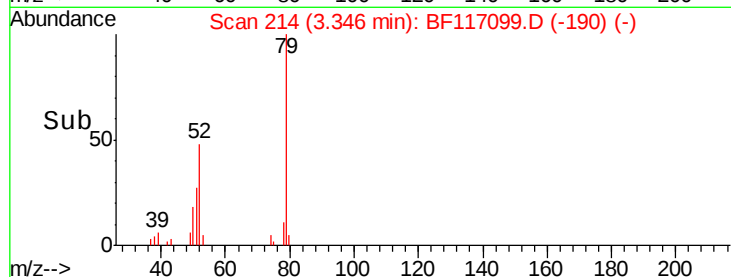
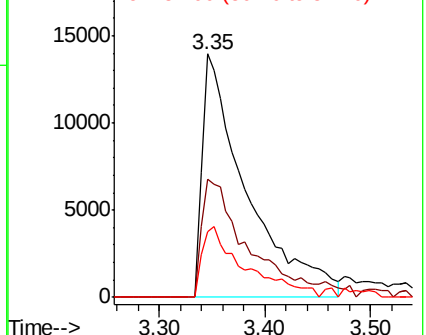
79 100

52 48.4 43.5 65.3

51 27.1 21.8 32.6



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: 14.318 ng

RT: 3.26 min Scan# 199

Delta R.T. 0.01 min

Lab File: BF117099.D

Acq: 17 Sep 2019 11:57

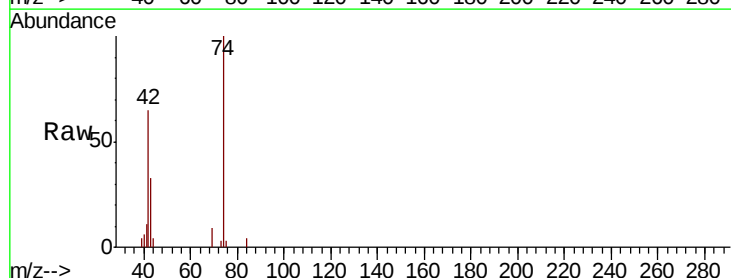
Tgt Ion: 42 Resp: 21054

Ion Ratio Lower Upper

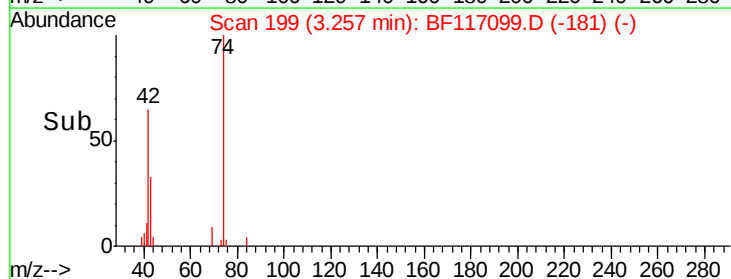
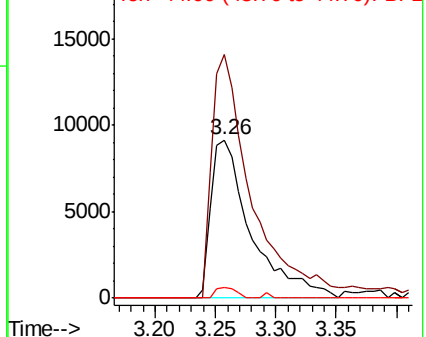
42 100

74 154.2 127.1 190.7

44 6.7 4.3 6.5#



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

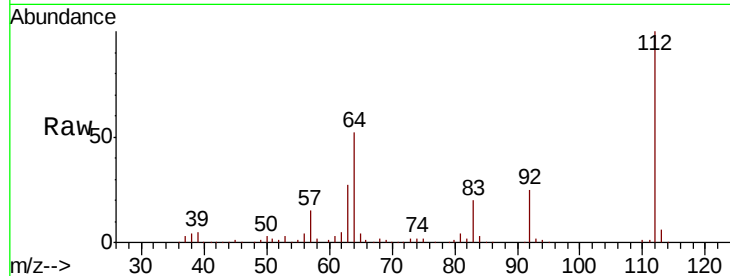




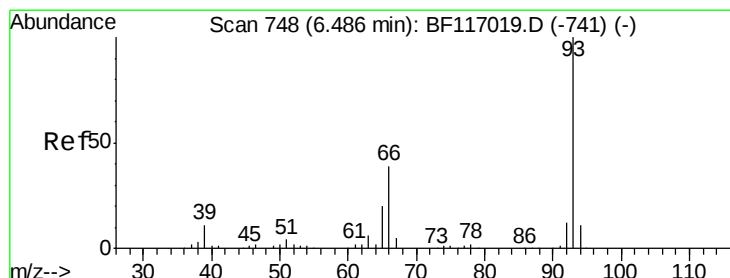
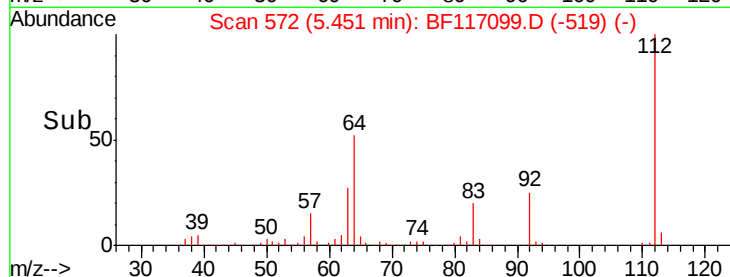
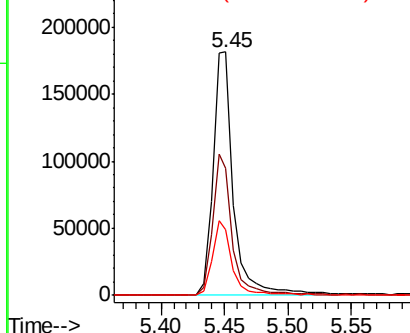
#5
 2-Fluorophenol
 Concen: 55.528 ng
 RT: 5.45 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: BF117099.D
 Acq: 17 Sep 2019 11:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:112 Resp: 207733
 Ion Ratio Lower Upper
 112 100
 64 52.0 45.7 68.5
 63 26.9 24.9 37.3

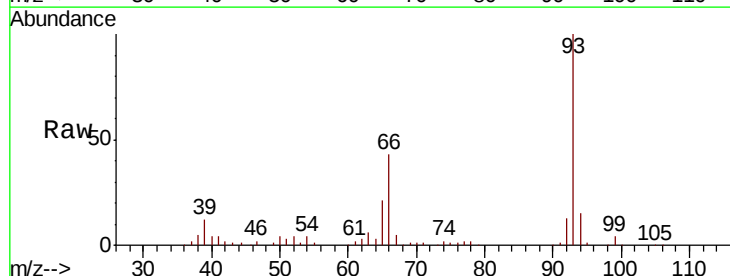


Abundance Ion 112.00 (111.70 to 112.70): BF1
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

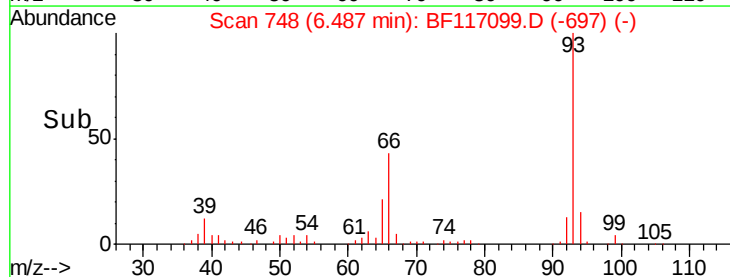
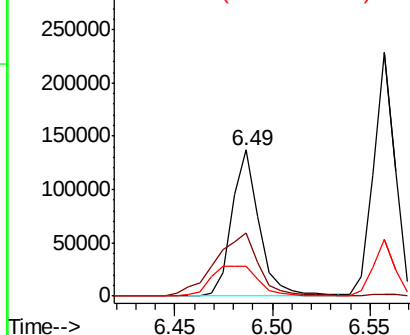


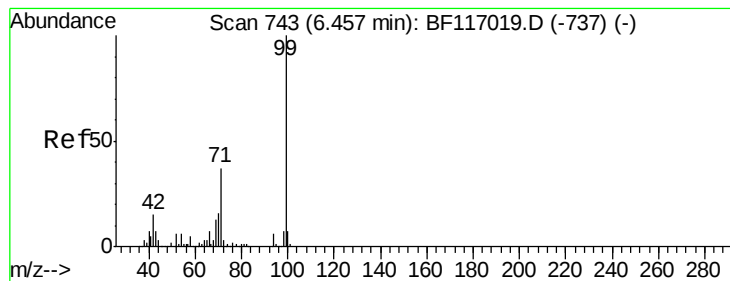
#6
 Aniline
 Concen: 21.450 ng
 RT: 6.49 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF117099.D
 Acq: 17 Sep 2019 11:57

Tgt Ion: 93 Resp: 133522
 Ion Ratio Lower Upper
 93 100
 66 43.0 32.6 49.0
 65 20.6 16.7 25.1



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: 36.508 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117099.D

Acq: 17 Sep 2019 11:57

Instrument :

BNA_F

ClientSampled :

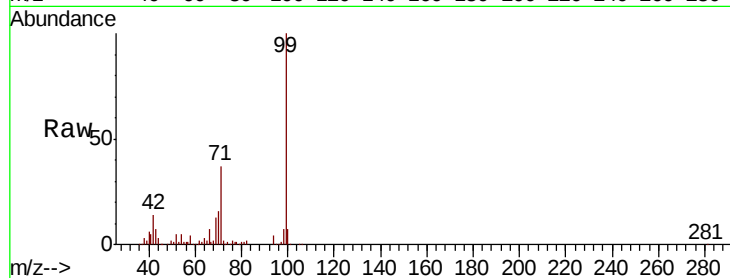
Tot Ion: 99 Resp: 176508

Ion Ratio Lower Upper

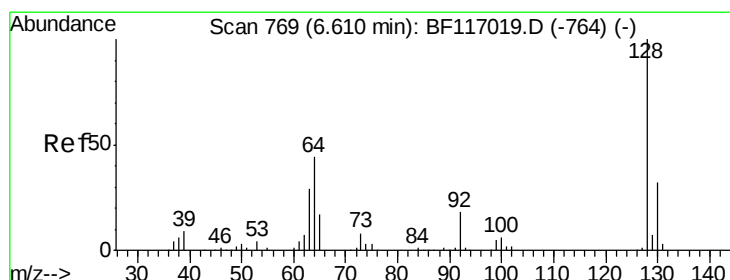
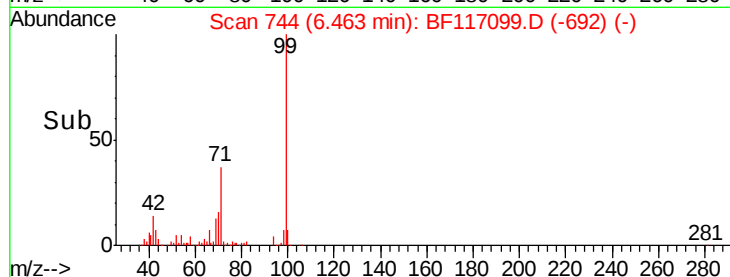
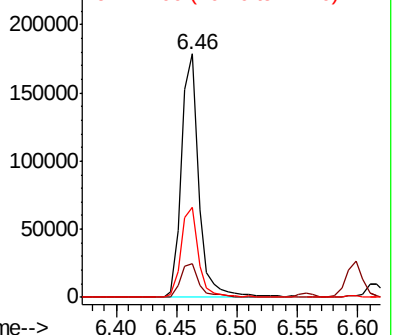
99 100

42 14.0 12.2 18.2

71 37.2 29.8 44.8



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



#8

2-Chlorophenol

Concen: 38.940 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF117099.D

Acq: 17 Sep 2019 11:57

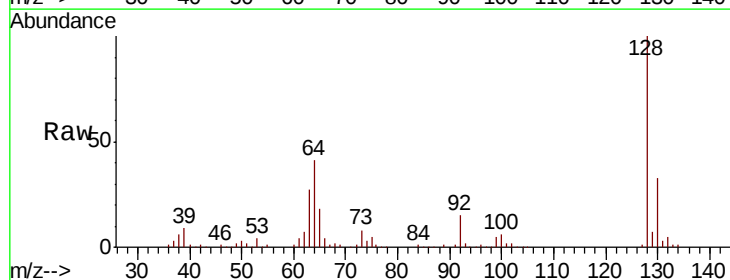
Tgt Ion: 128 Resp: 157155

Ion Ratio Lower Upper

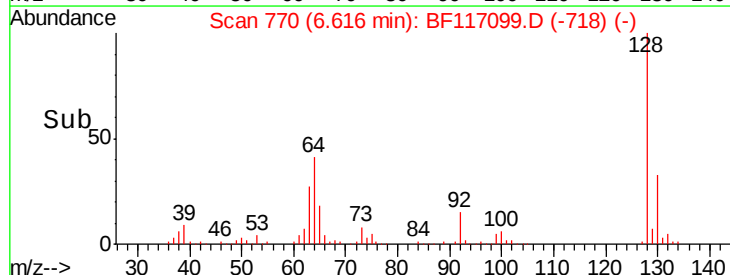
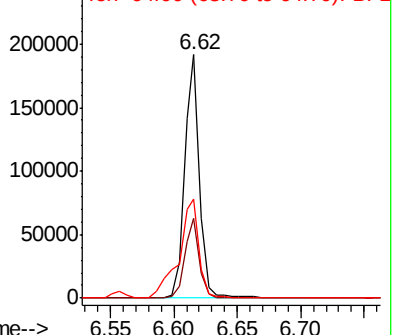
128 100

130 33.0 11.8 51.8

64 40.9 25.0 65.0



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: 48.737 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF117099.D

Acq: 17 Sep 2019 11:57

Instrument :

BNA_F

ClientSampleId :

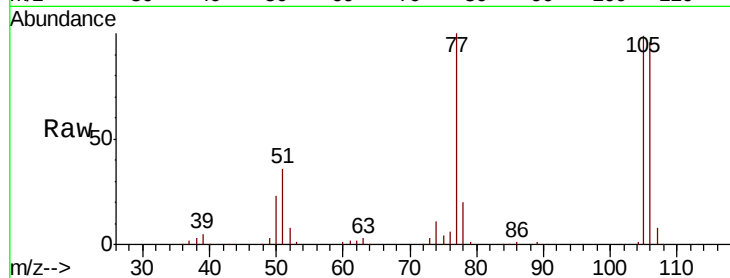
Tot Ion: 77 Resp: 112756

Ion Ratio Lower Upper

77 100

105 98.8 81.8 121.8

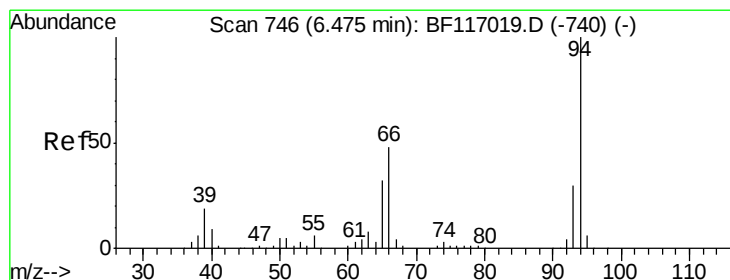
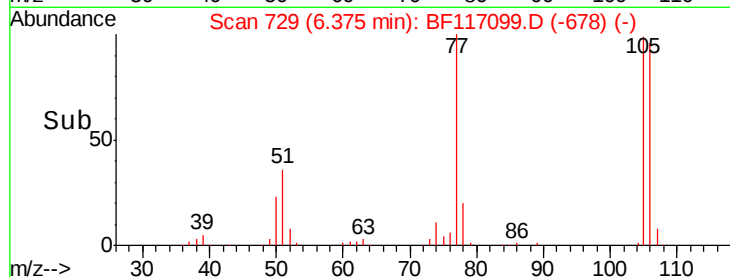
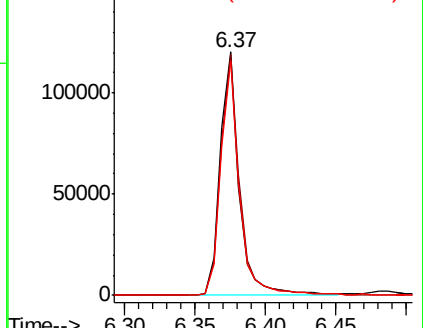
106 96.2 77.3 117.3



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: 15.777 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF117099.D

Acq: 17 Sep 2019 11:57

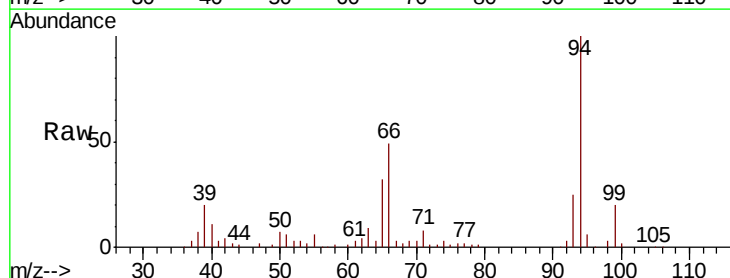
Tgt Ion: 94 Resp: 84092

Ion Ratio Lower Upper

94 100

65 31.9 12.5 52.5

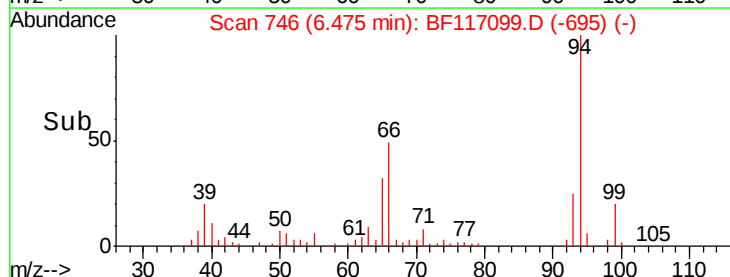
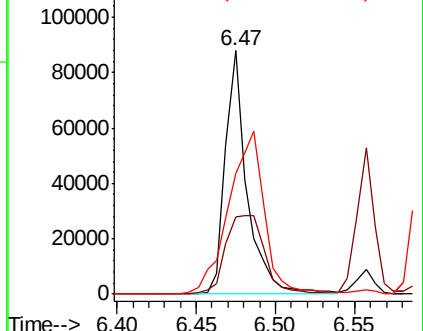
66 49.3 28.9 68.9



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

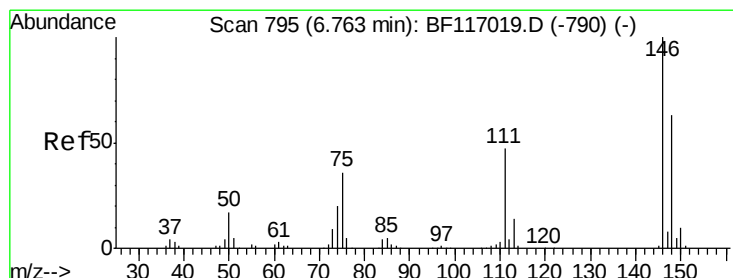
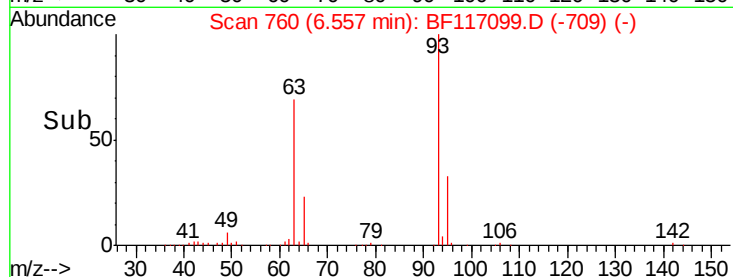
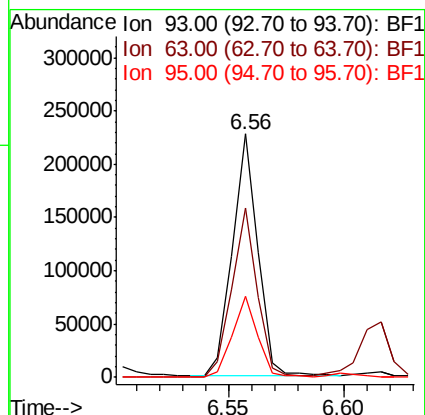
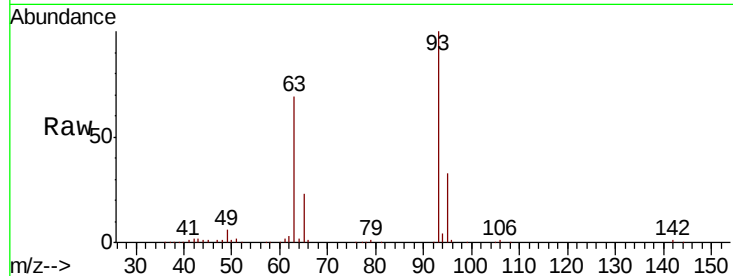




#11
 bis(2-Chloroethyl)ether
 Concen: 44.436 ng
 RT: 6.56 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: BF117099.D
 Acq: 17 Sep 2019 11:57

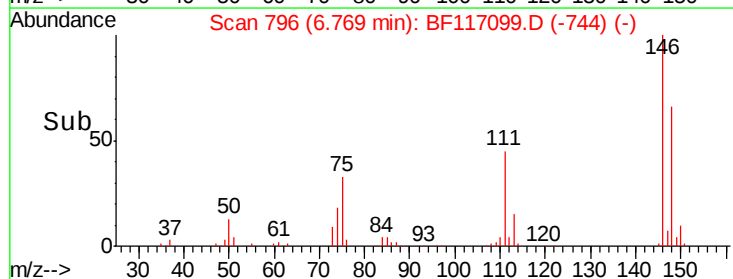
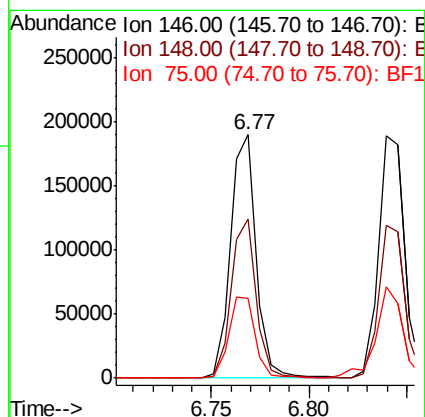
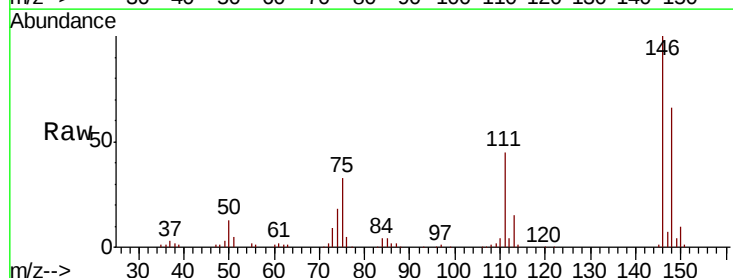
Instrument :
 BNA_F
 ClientSampleId :

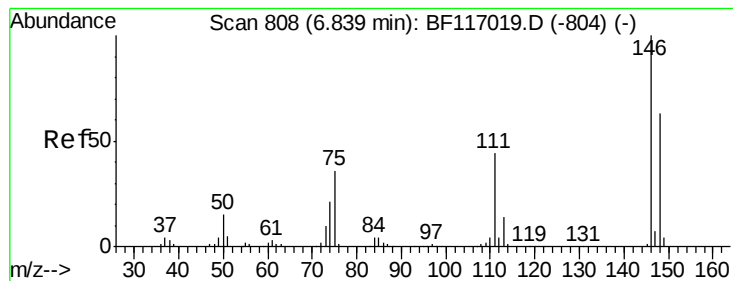
Tot Ion: 93 Resp: 174070
 Ion Ratio Lower Upper
 93 100
 63 69.5 49.3 89.3
 95 33.4 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 38.108 ng
 RT: 6.77 min Scan# 796
 Delta R.T. 0.01 min
 Lab File: BF117099.D
 Acq: 17 Sep 2019 11:57

Tgt Ion: 146 Resp: 172580
 Ion Ratio Lower Upper
 146 100
 148 65.5 50.8 76.2
 75 32.9 28.7 43.1





#13

1,4-Dichlorobenzene

Concen: 38.926 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF117099.D

Acq: 17 Sep 2019 11:57

Instrument :

BNA_F

ClientSampled :

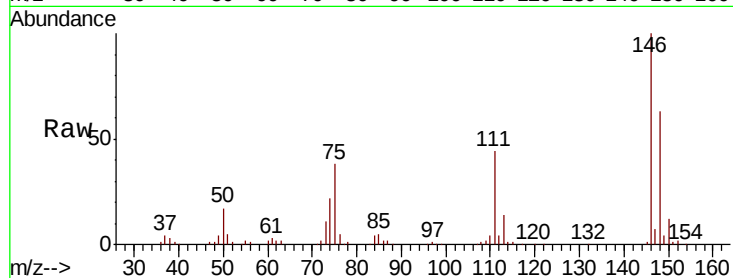
Tot Ion:146 Resp: 179903

Ion Ratio Lower Upper

146 100

148 63.1 50.6 76.0

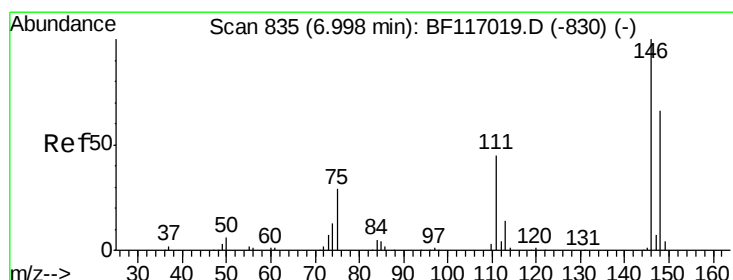
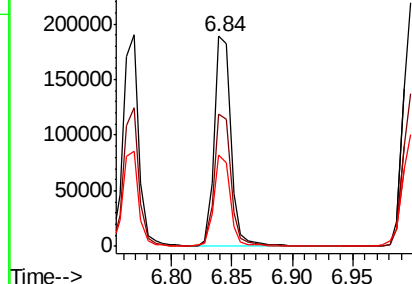
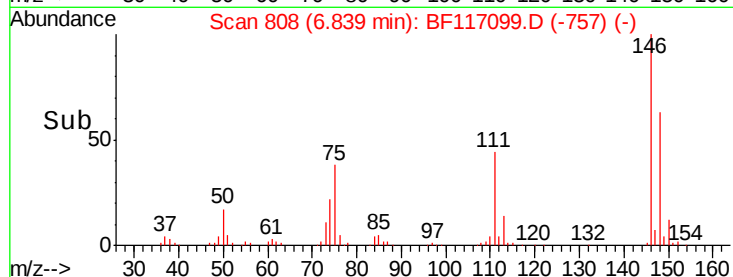
111 43.6 35.0 52.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.440 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF117099.D

Acq: 17 Sep 2019 11:57

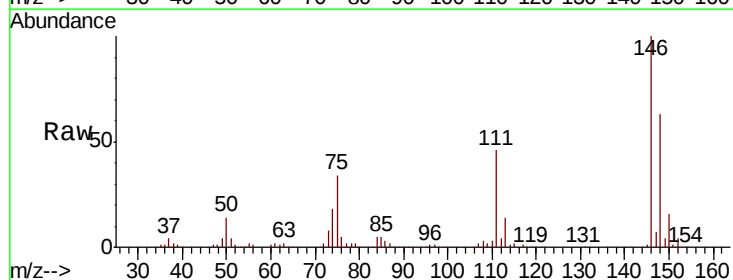
Tgt Ion:146 Resp: 169710

Ion Ratio Lower Upper

146 100

148 62.8 52.6 78.8

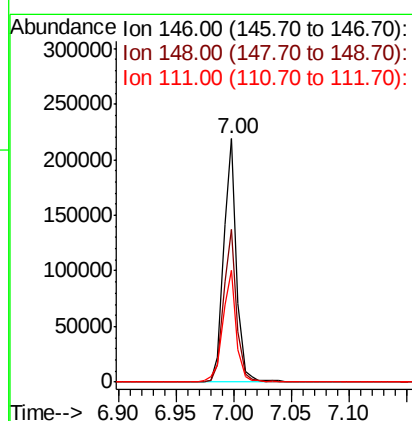
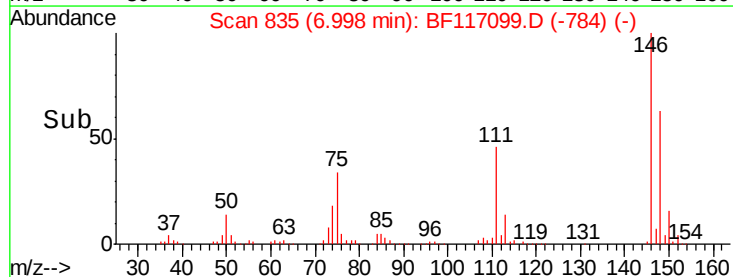
111 45.8 36.2 54.2

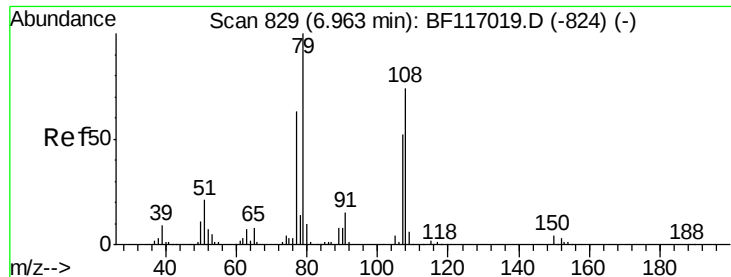


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

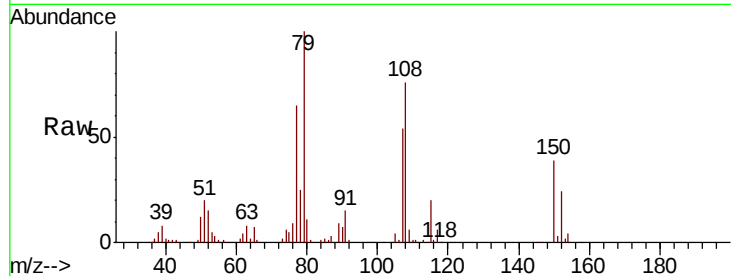




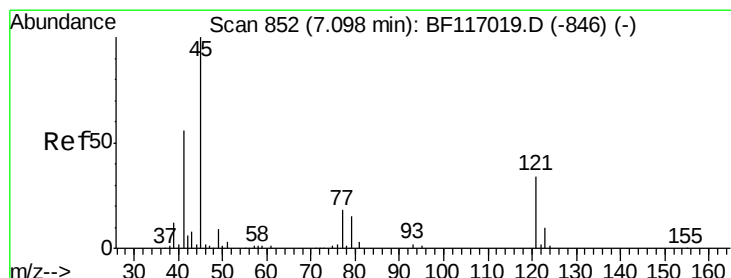
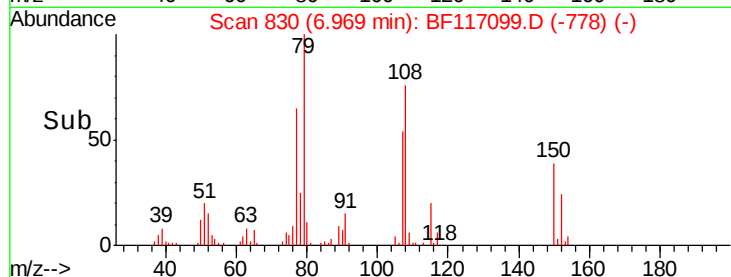
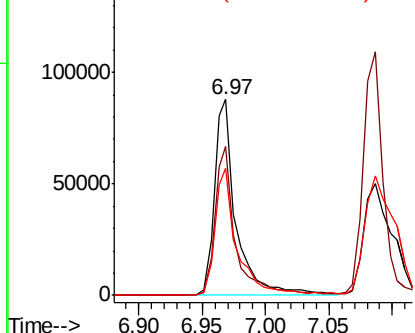
#15
Benzyl Alcohol
Concen: 28.582 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF117099.D
Acq: 17 Sep 2019 11:57

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.0	59.4	89.0
77	64.7	50.2	75.2

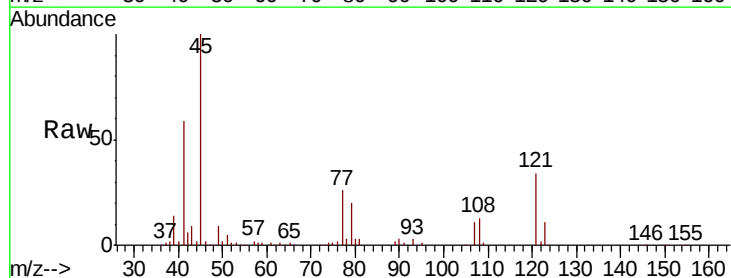


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

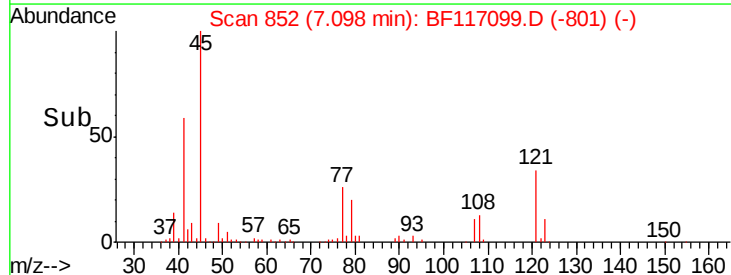
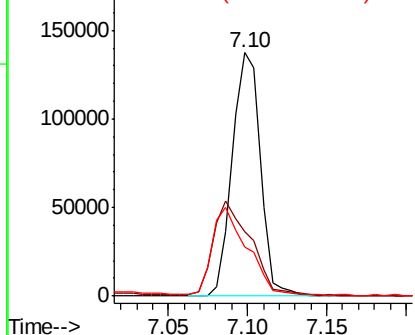


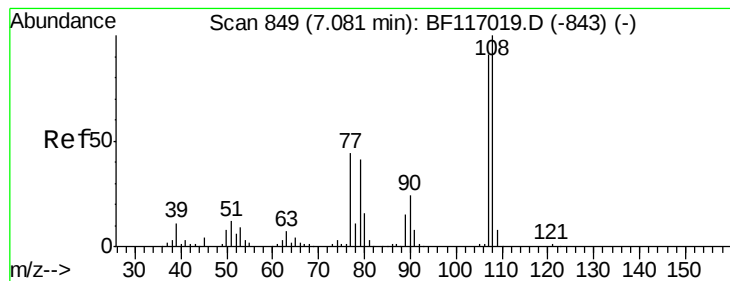
#16
2,2'-oxybis(1-chloropropane)
Concen: 43.606 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF117099.D
Acq: 17 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
45	100		
77	26.3	2.7	42.7
79	20.1	0.0	38.9



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: 30.114 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.01 min

Lab File: BF117099.D

Acq: 17 Sep 2019 11:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 101857

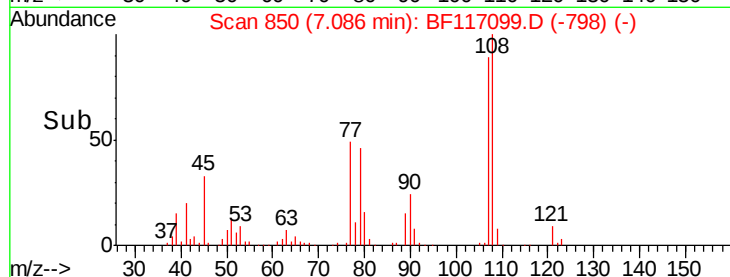
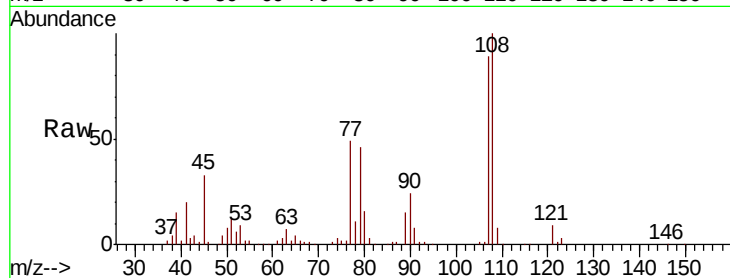
Ion Ratio Lower Upper

107 100

108 112.3 87.7 131.5

77 54.9 38.6 58.0

79 51.5 36.8 55.2

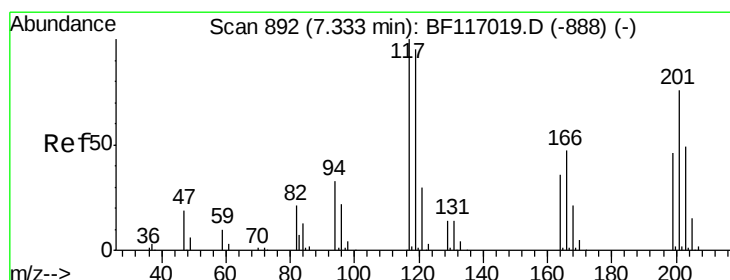
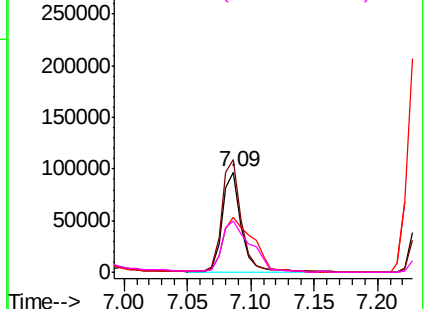


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 38.475 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.00 min

Lab File: BF117099.D

Acq: 17 Sep 2019 11:57

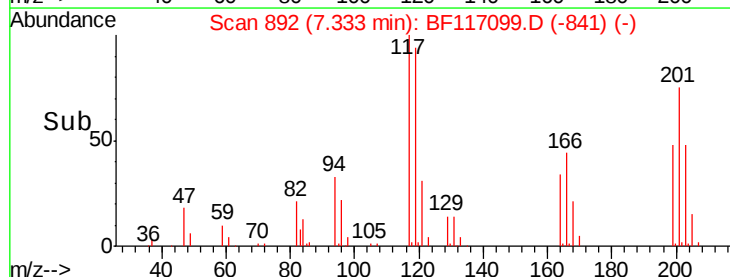
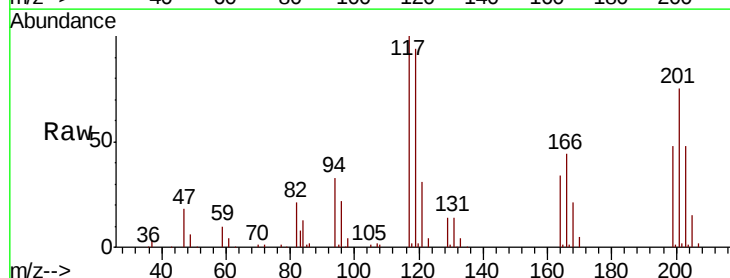
Tgt Ion:117 Resp: 68408

Ion Ratio Lower Upper

117 100

119 93.5 75.8 113.8

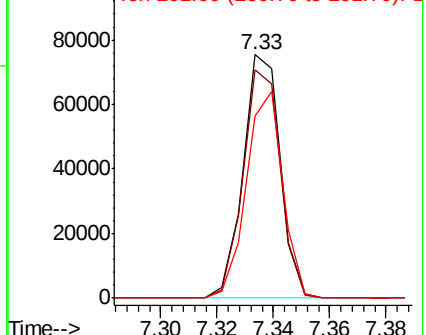
201 74.7 60.9 91.3

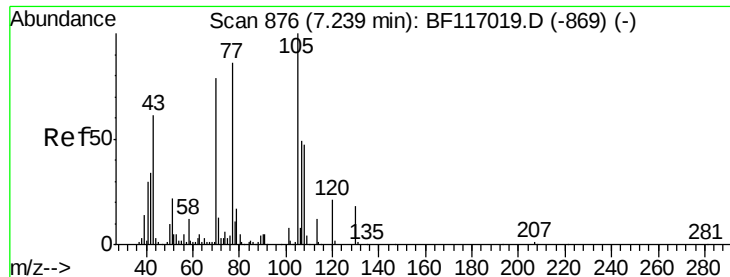


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

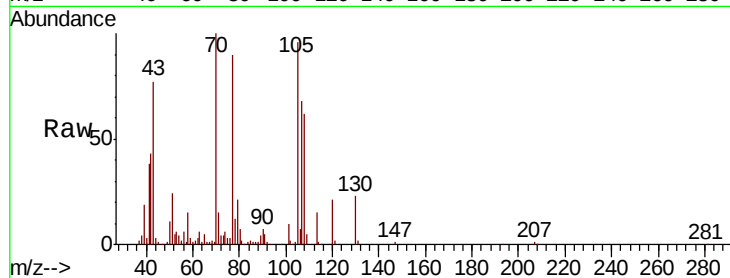




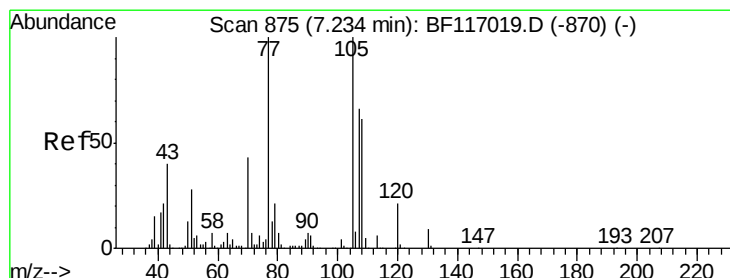
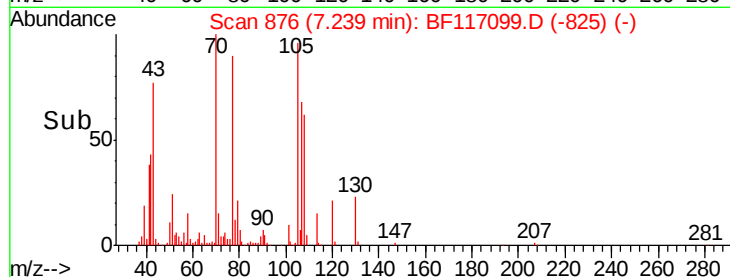
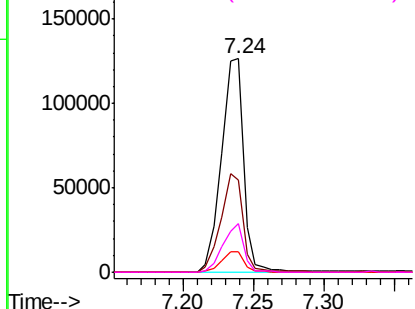
#19
n-Nitroso-di-n-propylamine
Concen: 47.628 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF117099.D
Acq: 17 Sep 2019 11:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 140218
Ion Ratio Lower Upper
70 100
42 43.4 34.0 51.0
101 9.8 7.8 11.6
130 22.5 17.8 26.8

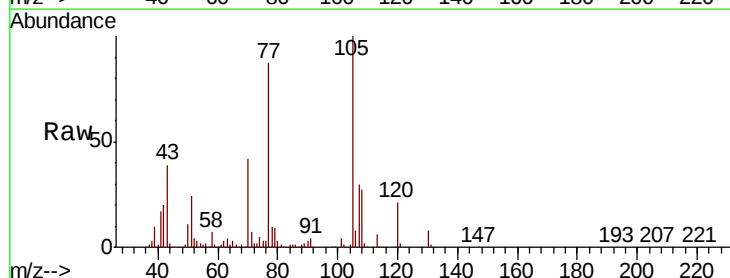


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

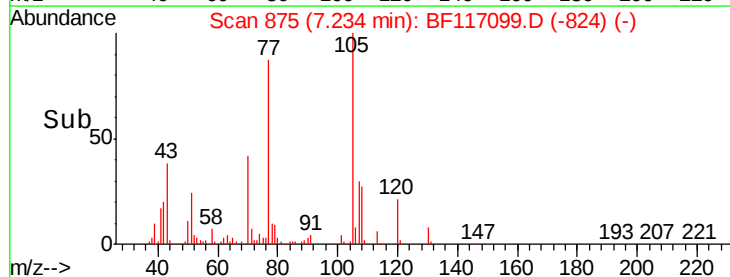
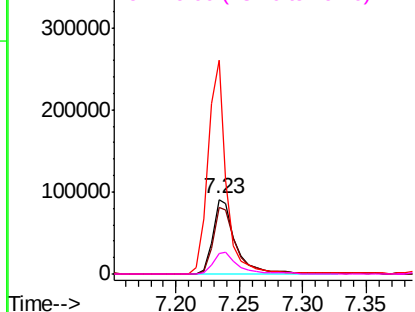


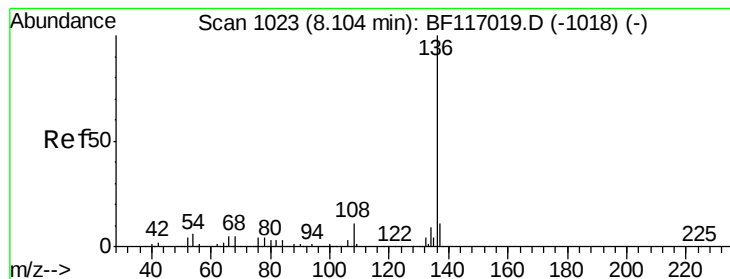
#20
3+4-Methylphenols
Concen: 27.659 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117099.D
Acq: 17 Sep 2019 11:57

Tgt Ion: 107 Resp: 116531
Ion Ratio Lower Upper
107 100
108 88.6 72.6 112.6
77 285.3 132.1 172.1#
79 28.2 12.1 52.1



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
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: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF117099.D

Acq: 17 Sep 2019 11:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 231652

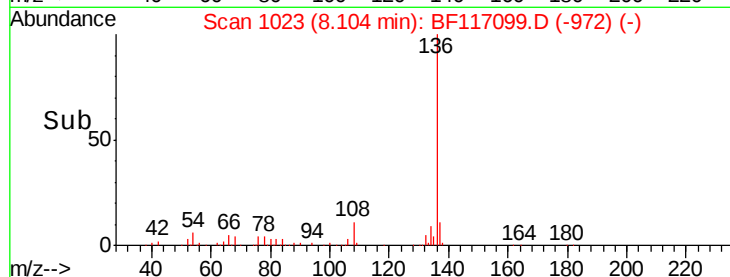
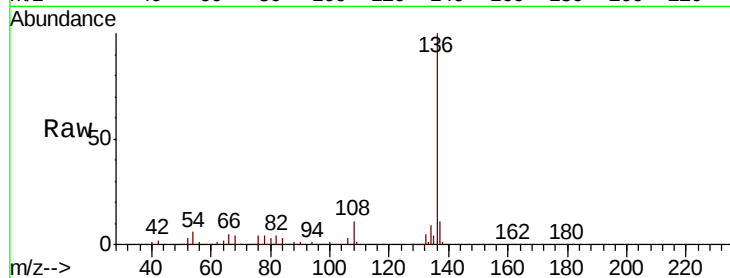
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 5.5 4.5 6.7

68 4.5 4.0 6.0



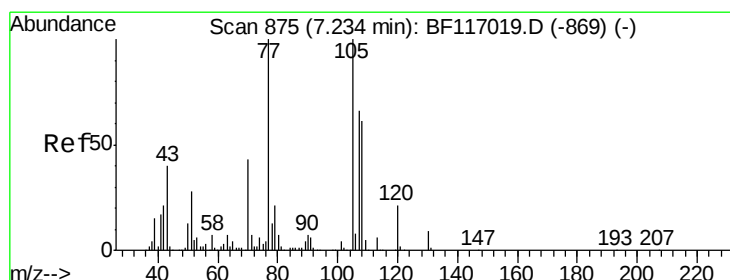
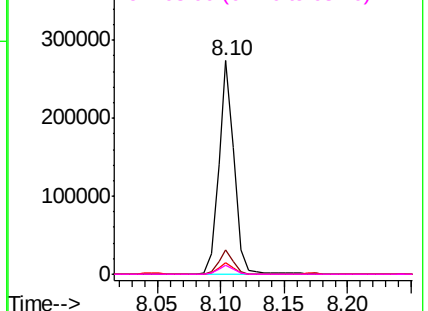
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 48.885 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF117099.D

Acq: 17 Sep 2019 11:57

Tgt Ion:105 Resp: 287717

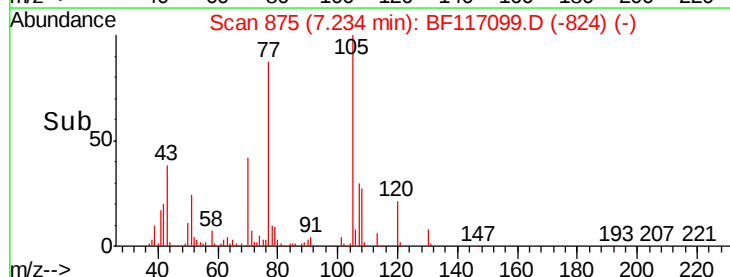
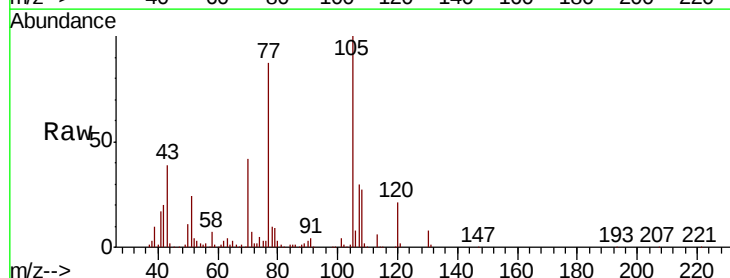
Ion Ratio Lower Upper

105 100

71 7.0 5.7 8.5

51 23.9 22.1 33.1

120 21.2 17.1 25.7



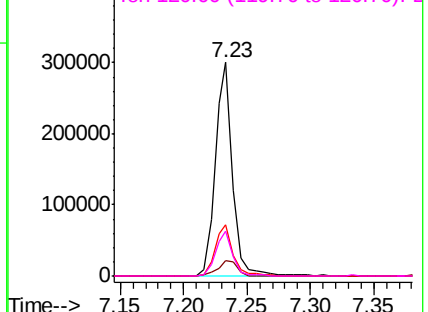
Abundance

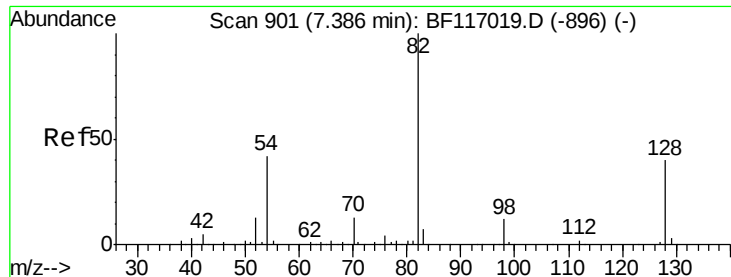
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

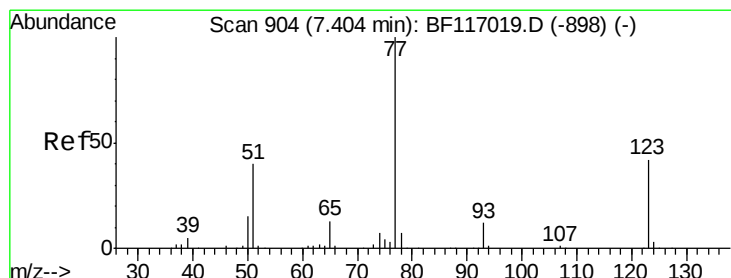
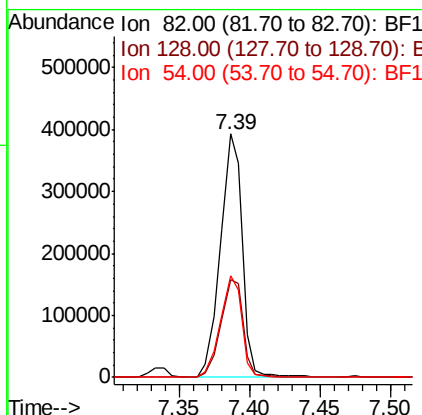
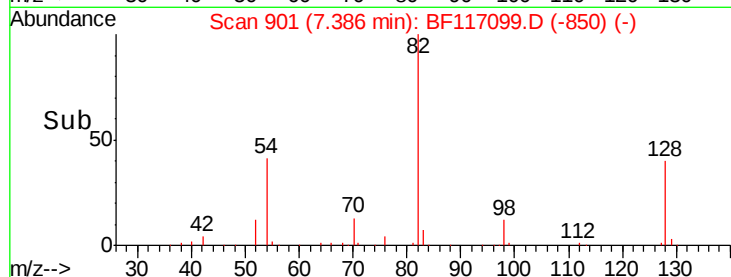
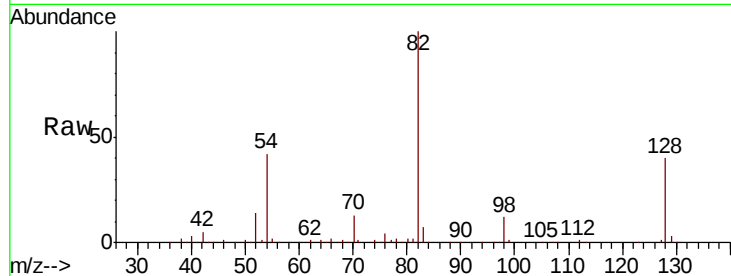




#23
 Nitrobenzene-d5
 Concen: 96.347 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF117099.D
 Acq: 17 Sep 2019 11:57

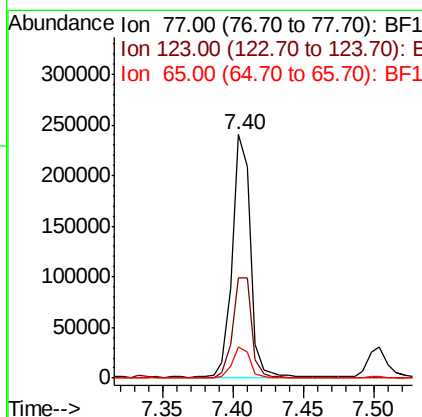
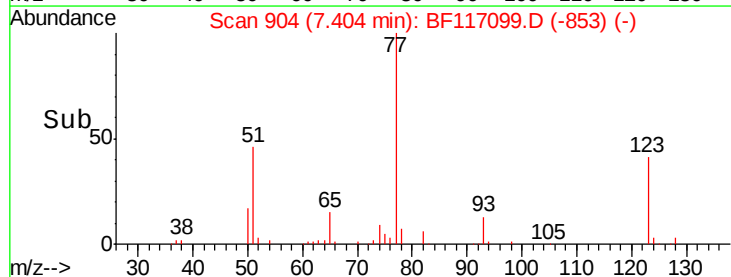
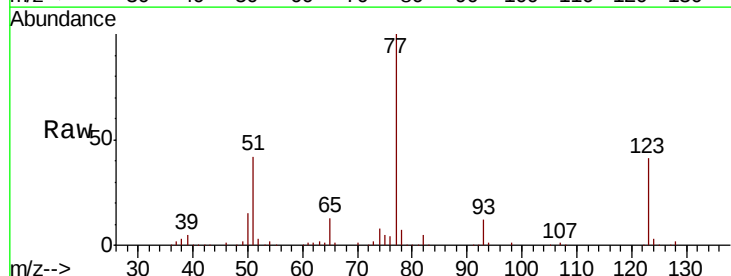
Instrument :
 BNA_F
 ClientSampled :

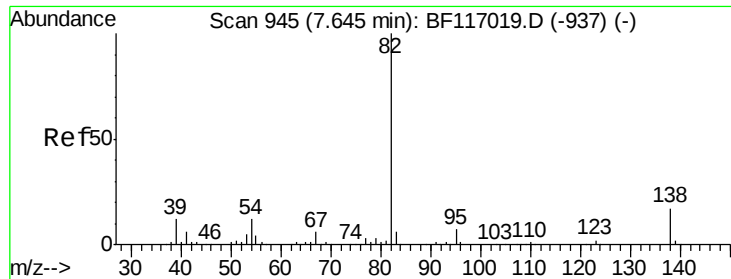
Tot Ion	82	Resp	424779
Ion Ratio	100	Lower	Upper
128	40.0	32.3	48.5
54	41.5	33.3	49.9



#24
 Nitrobenzene
 Concen: 49.296 ng
 RT: 7.40 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BF117099.D
 Acq: 17 Sep 2019 11:57

Tgt Ion	77	Resp	214629
Ion Ratio	100	Lower	Upper
123	41.0	33.5	50.3
65	12.8	10.5	15.7





#25

Isophorone

Concen: 50.107 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF117099.D

Acq: 17 Sep 2019 11:57

Instrument :

BNA_F

ClientSampled :

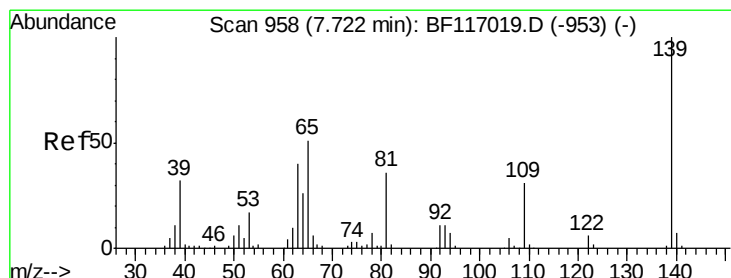
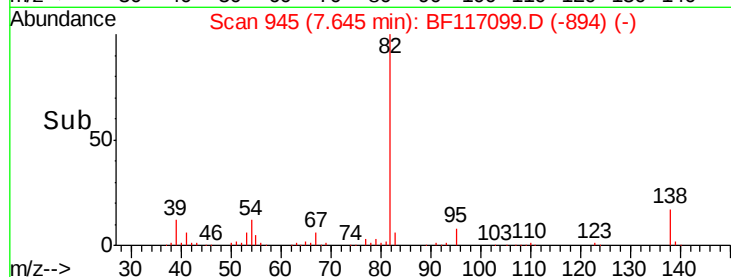
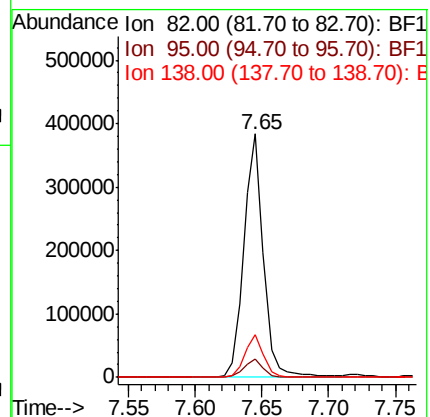
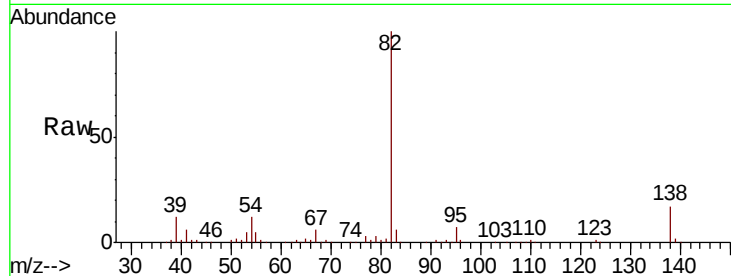
Tot Ion: 82 Resp: 391151

Ion Ratio Lower Upper

82 100

95 7.5 5.8 8.6

138 17.4 13.5 20.3



#26

2-Nitrophenol

Concen: 53.434 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF117099.D

Acq: 17 Sep 2019 11:57

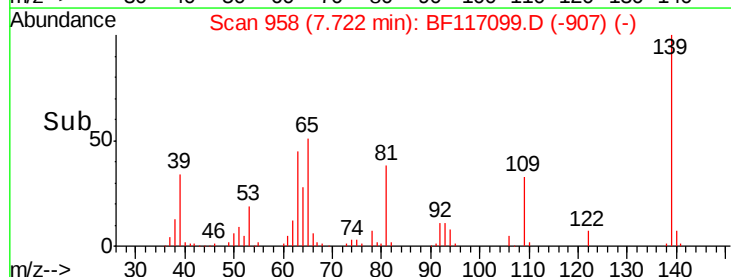
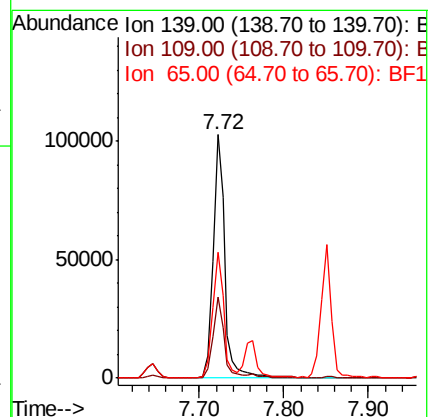
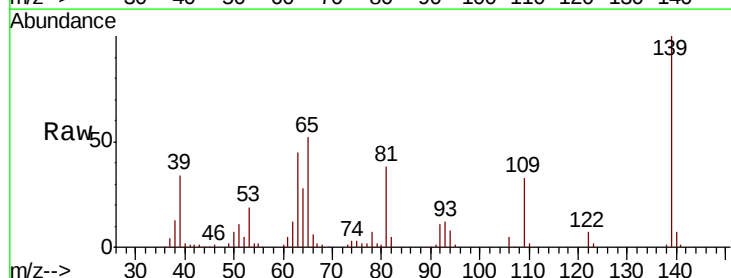
Tgt Ion: 139 Resp: 99931

Ion Ratio Lower Upper

139 100

109 33.1 24.6 36.8

65 51.9 40.9 61.3

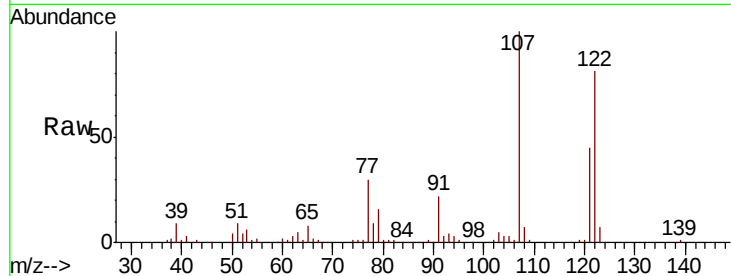




#27
 2,4-Dimethylphenol
 Concen: 48.312 ng
 RT: 7.76 min Scan# 965
 Delta R.T. 0.01 min
 Lab File: BF117099.D
 Acq: 17 Sep 2019 11:57

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
122	100		
107	123.4	98.9	148.3
121	56.0	45.3	67.9

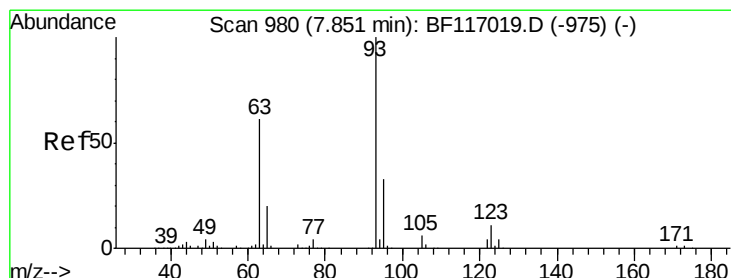
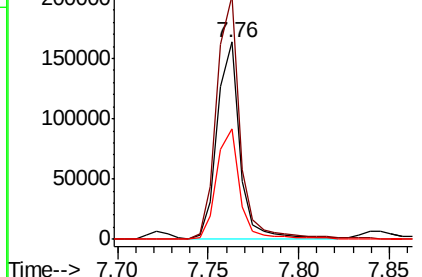
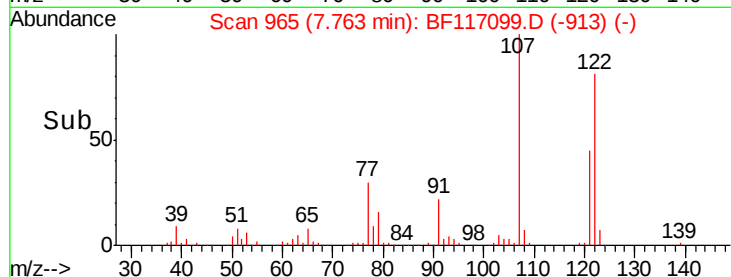


Abundance

Ion 122.00 (121.70 to 122.70): E

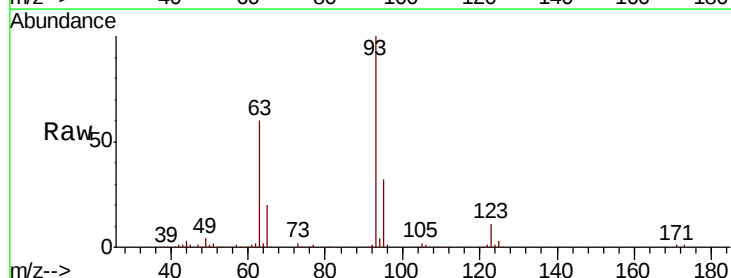
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.048 ng
 RT: 7.85 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF117099.D
 Acq: 17 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.2	39.4
123	11.0	9.0	13.6

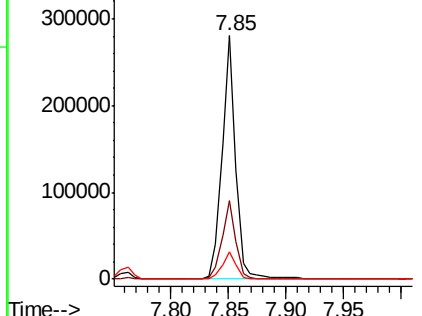
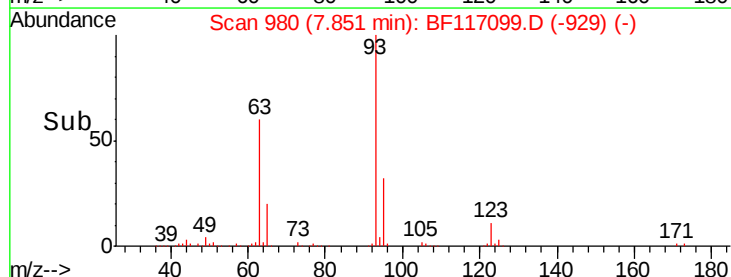


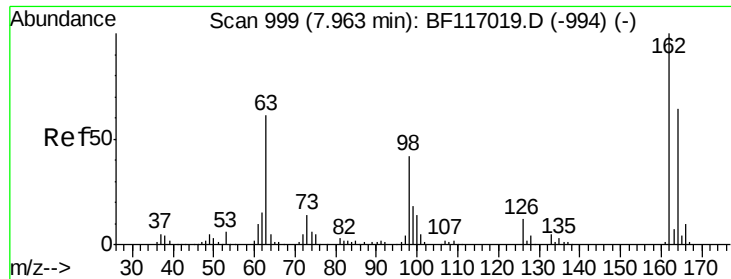
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

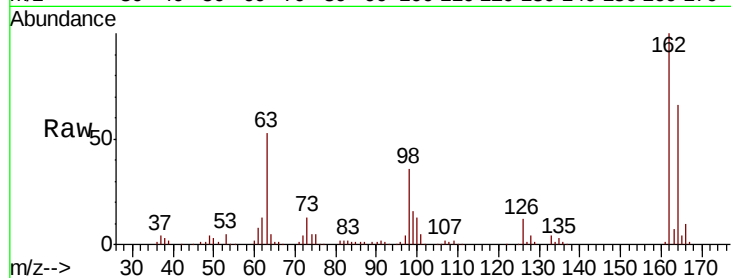




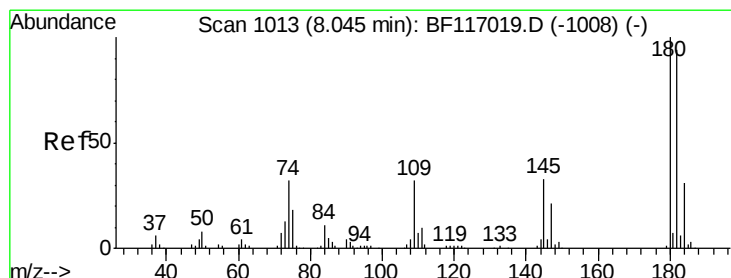
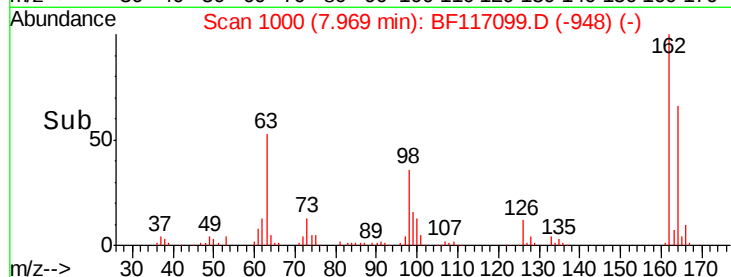
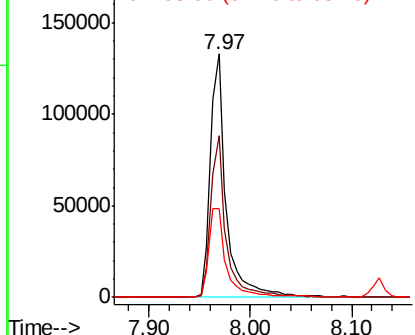
#29
 2,4-Dichlorophenol
 Concen: 46.915 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.01 min
 Lab File: BF117099.D
 Acq: 17 Sep 2019 11:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.4	43.8	83.8
98	36.5	22.1	62.1

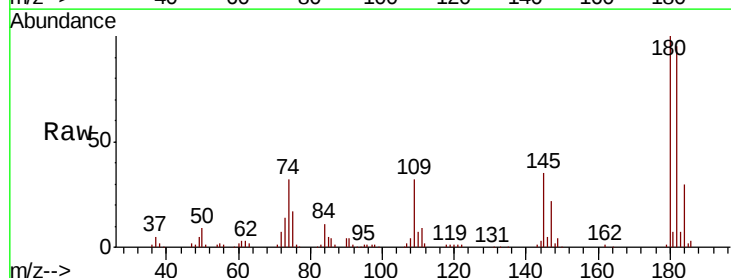


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

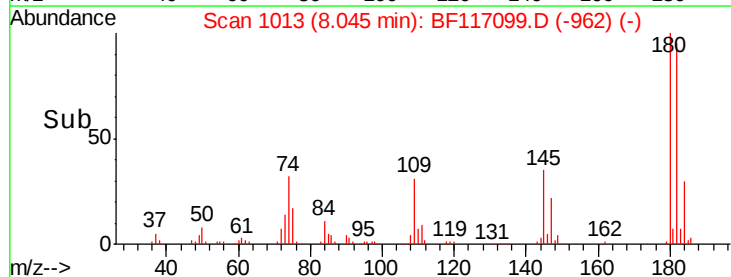
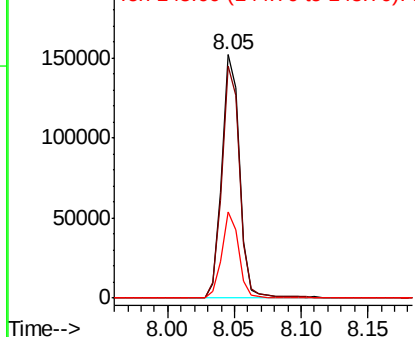


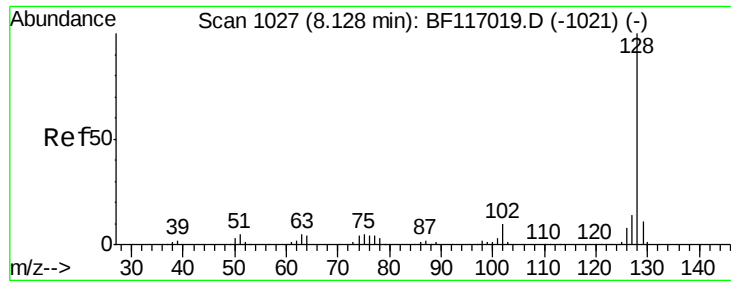
#30
 1,2,4-Trichlorobenzene
 Concen: 43.130 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF117099.D
 Acq: 17 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.4	113.0
145	35.3	26.7	40.1



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

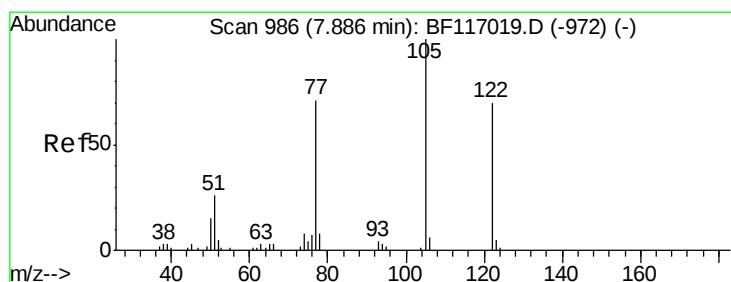
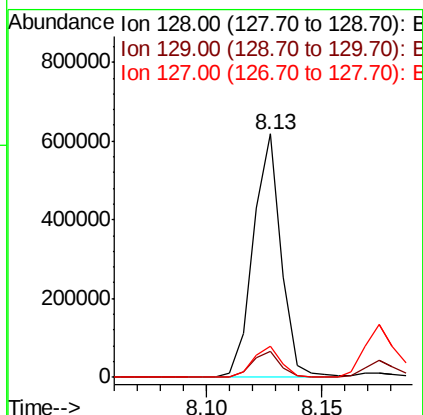
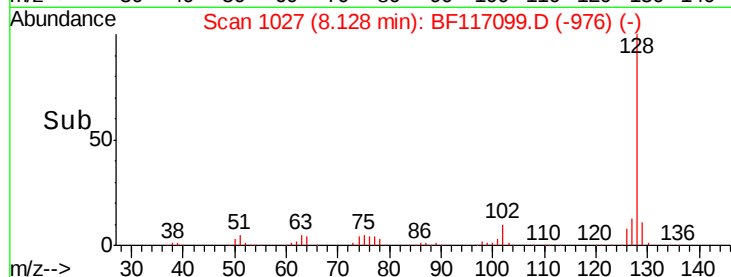
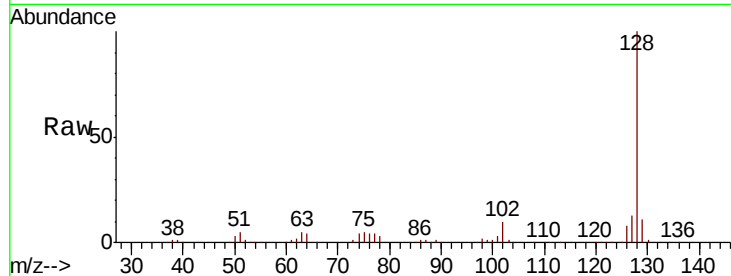




#31
Naphthalene
Concen: 46.786 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF117099.D
Acq: 17 Sep 2019 11:57

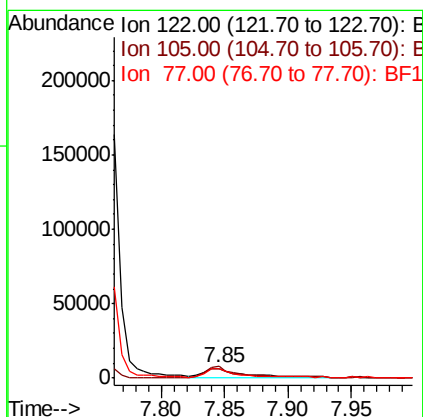
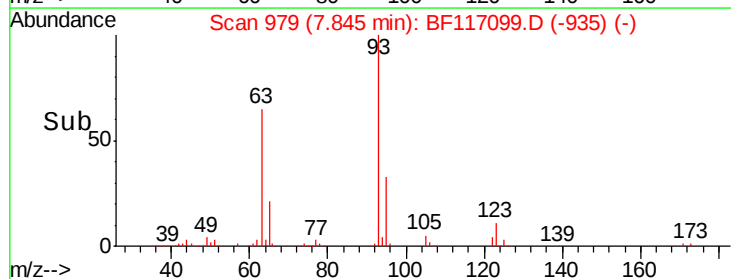
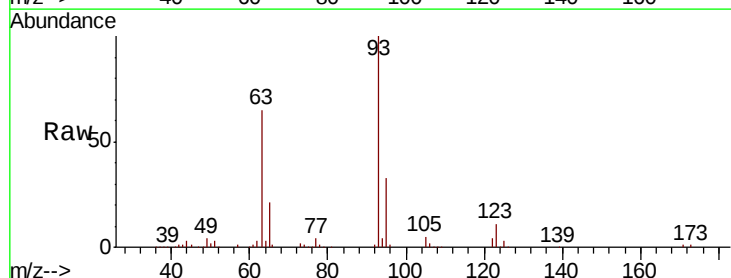
Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 521245
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.4
127 12.9 10.8 16.2



#32
Benzoic acid
Concen: 11.410 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.04 min
Lab File: BF117099.D
Acq: 17 Sep 2019 11:57

Tgt Ion:122 Resp: 12503
Ion Ratio Lower Upper
122 100
105 124.6 114.8 154.8
77 92.5 78.7 118.7

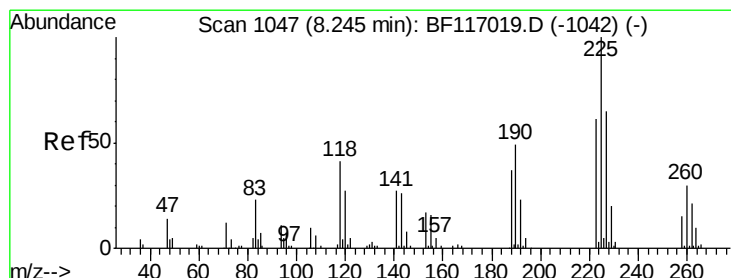
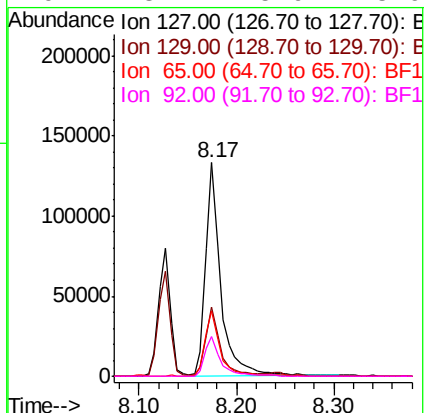
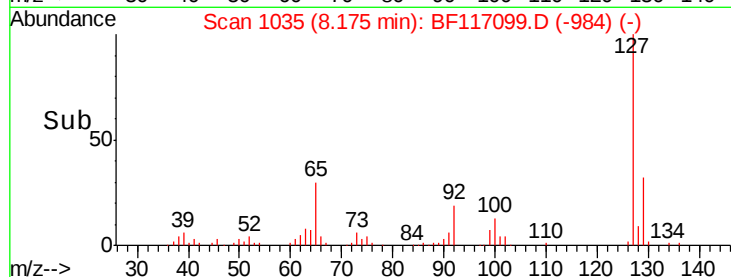
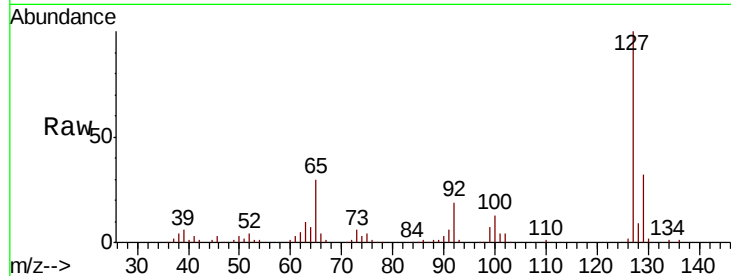




#33
4-Chloroaniline
Concen: 29.333 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF117099.D
Acq: 17 Sep 2019 11:57

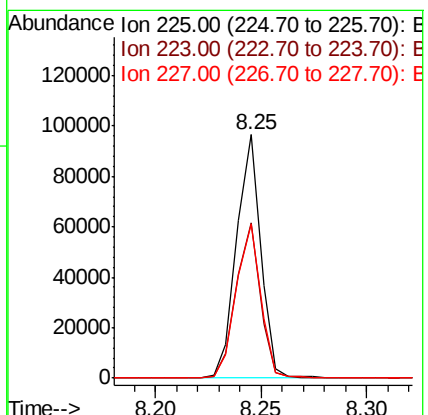
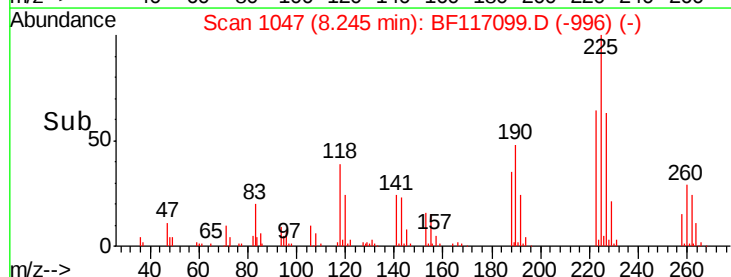
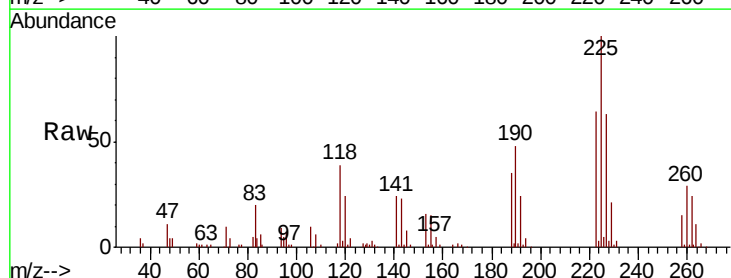
Instrument :
BNA_F
ClientSampleId :

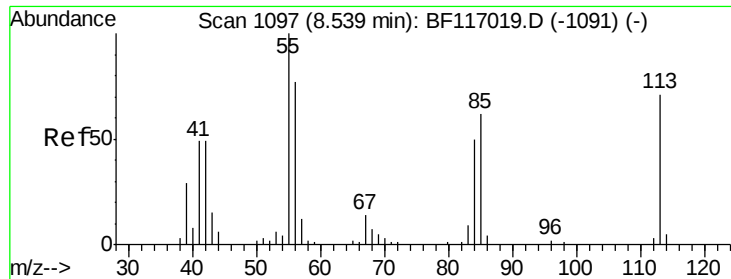
Tot Ion:127	Resp:	144946
Ion Ratio	Lower	Upper
127	100	
129	32.1	26.2 39.2
65	30.5	23.5 35.3
92	18.7	15.9 23.9



#34
Hexachlorobutadiene
Concen: 40.047 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF117099.D
Acq: 17 Sep 2019 11:57

Tgt Ion:225	Resp:	76278
Ion Ratio	Lower	Upper
225	100	
223	63.8	49.1 73.7
227	63.4	52.2 78.2

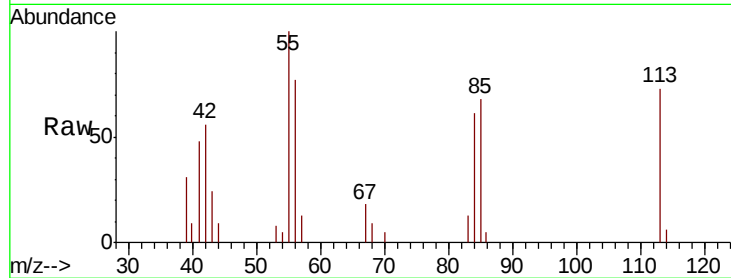




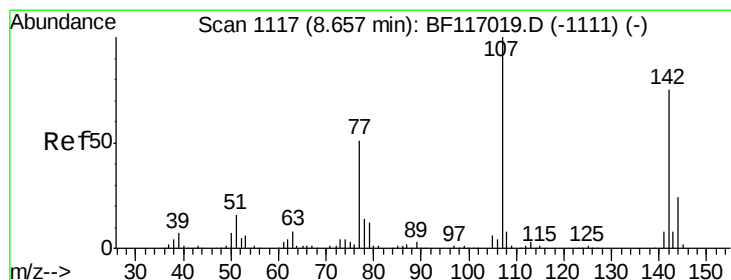
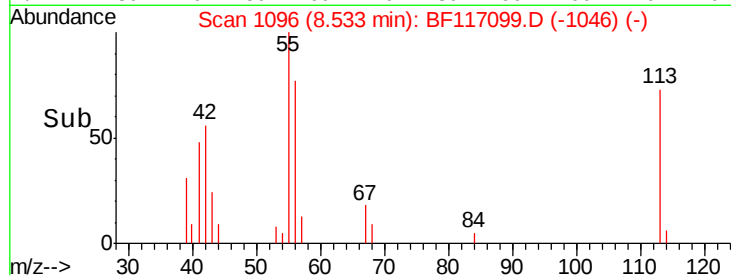
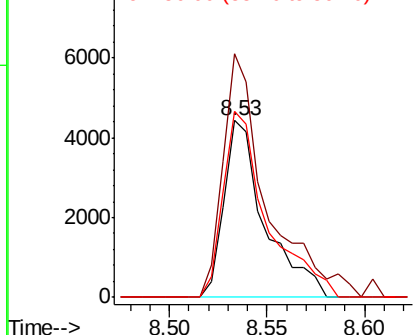
#35
 Caprolactam
 Concen: 6.118 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BF117099.D
 Acq: 17 Sep 2019 11:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 6435
 Ion Ratio Lower Upper
 113 100
 55 137.6 120.6 160.6
 56 105.4 88.8 128.8

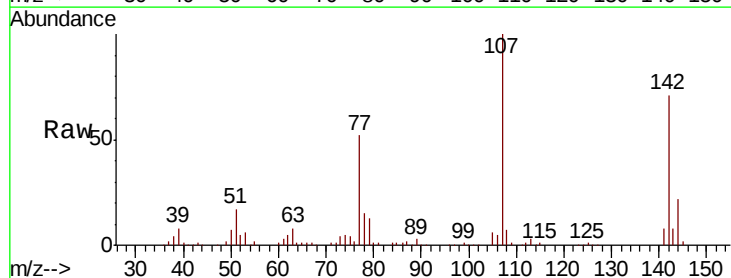


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

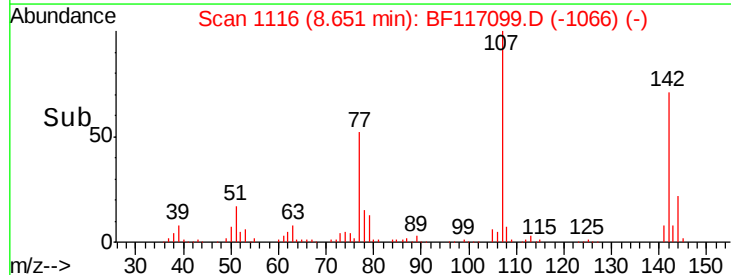
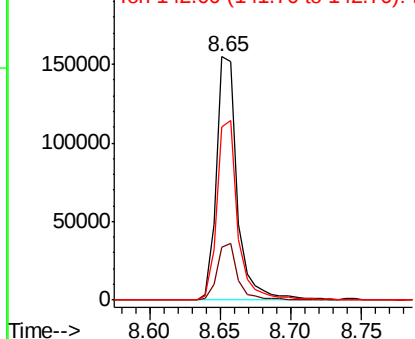


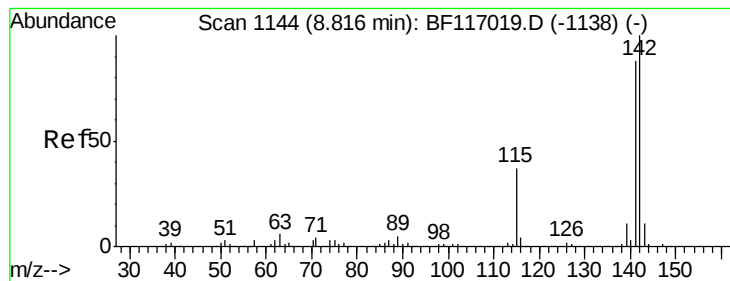
#36
 4-Chloro-3-methylphenol
 Concen: 44.152 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. -0.01 min
 Lab File: BF117099.D
 Acq: 17 Sep 2019 11:57

Tgt Ion:107 Resp: 159980
 Ion Ratio Lower Upper
 107 100
 144 21.9 19.2 28.8
 142 70.9 59.6 89.4



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: 48.971 ng

RT: 8.82 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BF117099.D

Acq: 17 Sep 2019 11:57

Instrument :

BNA_F

ClientSampled :

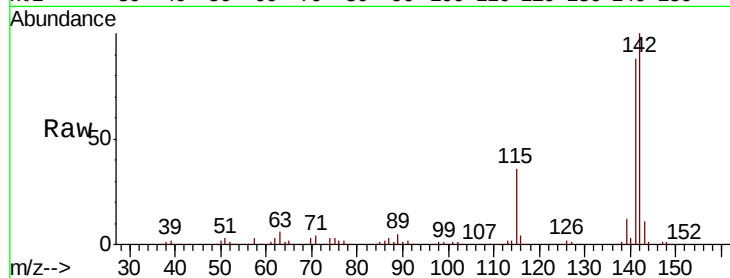
Tot Ion:142 Resp: 367398

Ion Ratio Lower Upper

142 100

141 87.8 70.7 106.1

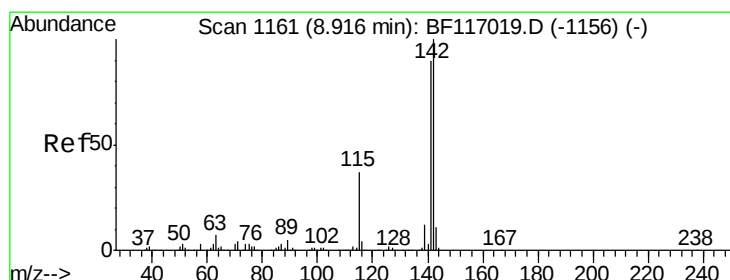
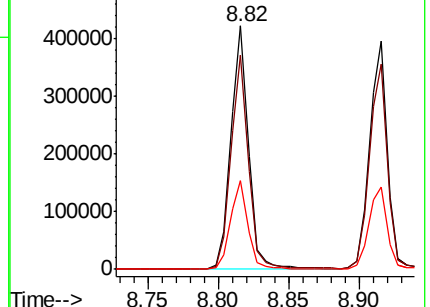
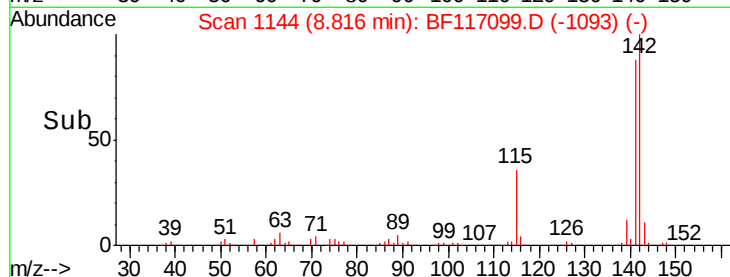
115 36.3 29.4 44.0



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: 48.940 ng

RT: 8.92 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF117099.D

Acq: 17 Sep 2019 11:57

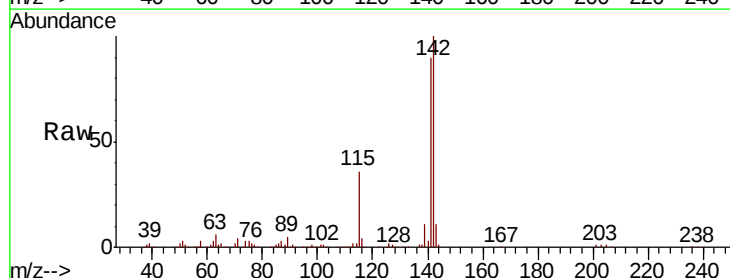
Tgt Ion:142 Resp: 343875

Ion Ratio Lower Upper

142 100

141 90.0 71.9 107.9

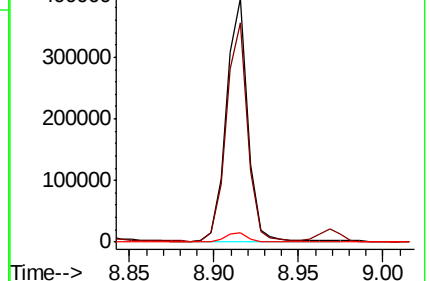
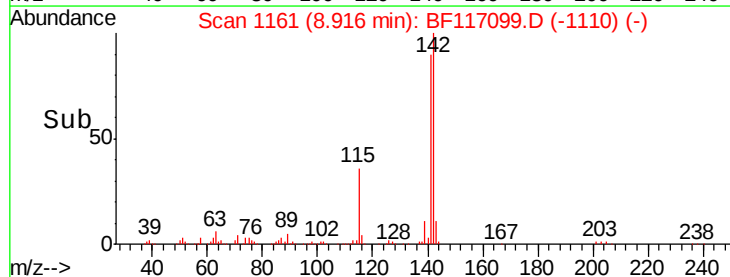
116 3.6 3.2 4.8

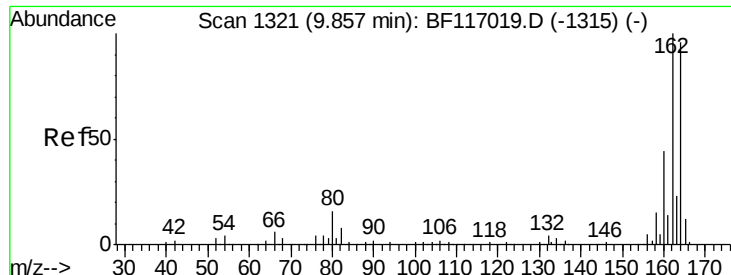


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF117099.D

Acq: 17 Sep 2019 11:57

Instrument :

BNA_F

ClientSampleId :

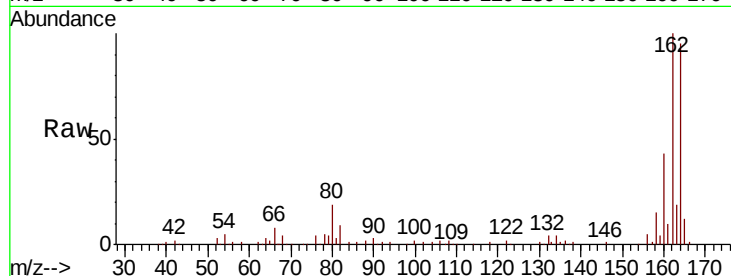
Tot Ion:164 Resp: 116706

Ion Ratio Lower Upper

164 100

162 105.6 83.4 125.2

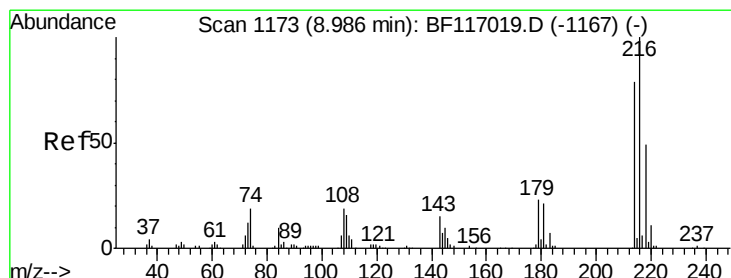
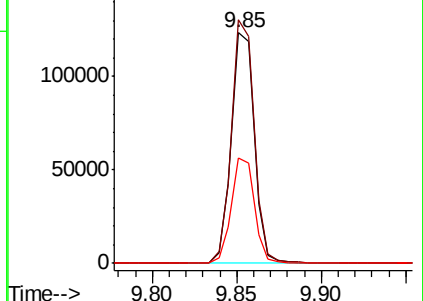
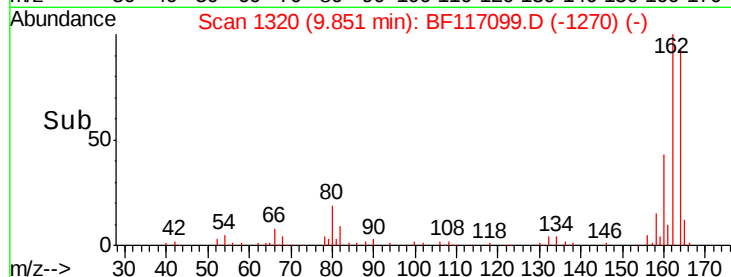
160 45.4 36.4 54.6



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: 48.609 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF117099.D

Acq: 17 Sep 2019 11:57

Tgt Ion:216 Resp: 146492

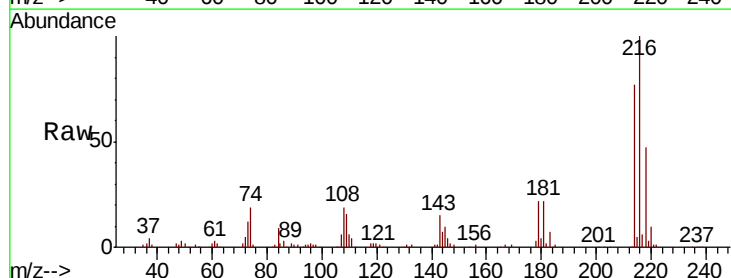
Ion Ratio Lower Upper

216 100

214 78.6 63.6 95.4

179 23.3 18.3 27.5

108 24.0 17.8 26.6

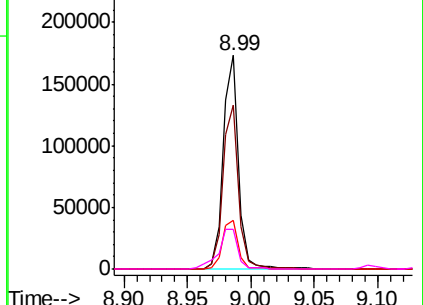
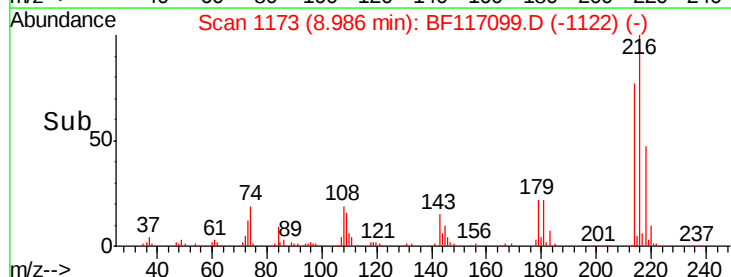


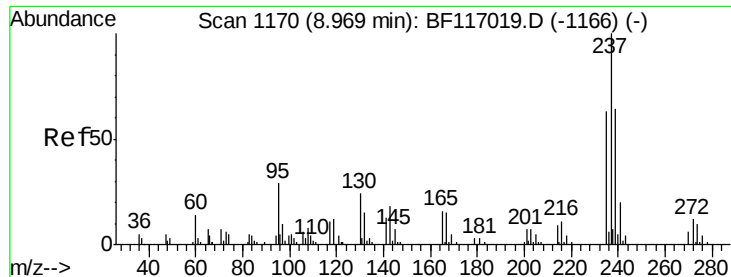
Abundance Ion 216.00 (215.70 to 216.70): E

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: 83.155 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF117099.D

Acq: 17 Sep 2019 11:57

Instrument :

BNA_F

ClientSampleId :

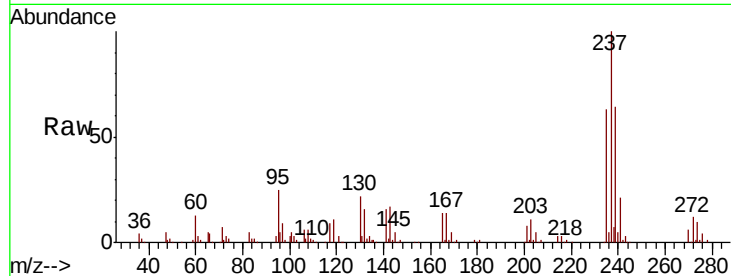
Tot Ion:237 Resp: 111229

Ion Ratio Lower Upper

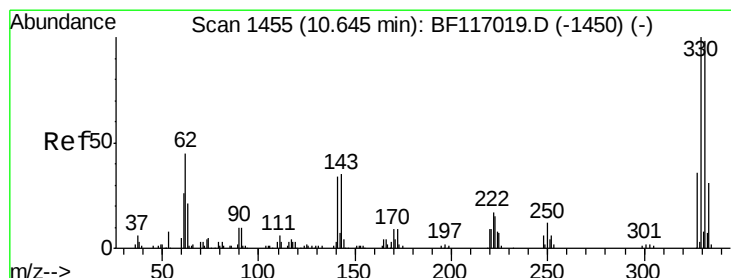
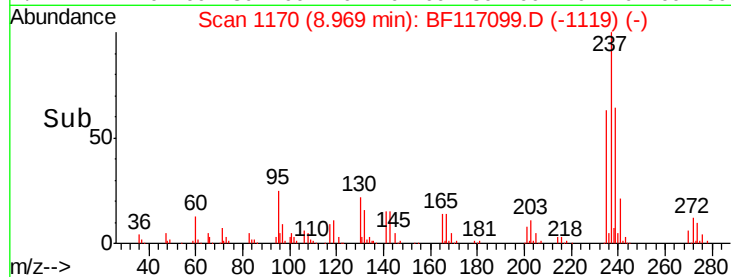
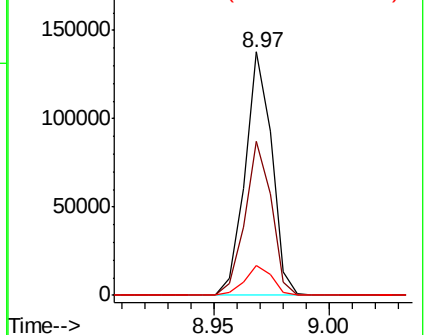
237 100

235 63.4 43.2 83.2

272 12.1 0.0 31.9



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: 147.340 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF117099.D

Acq: 17 Sep 2019 11:57

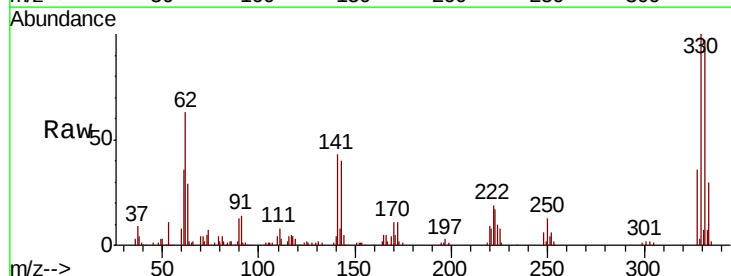
Tgt Ion:330 Resp: 143715

Ion Ratio Lower Upper

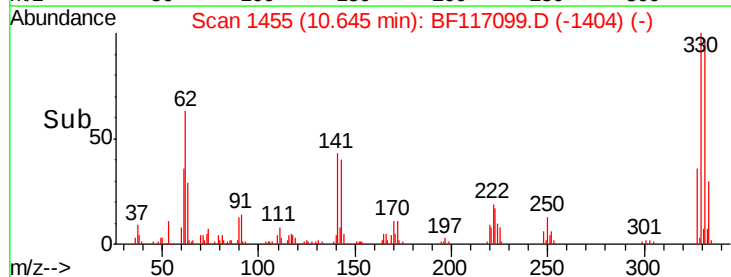
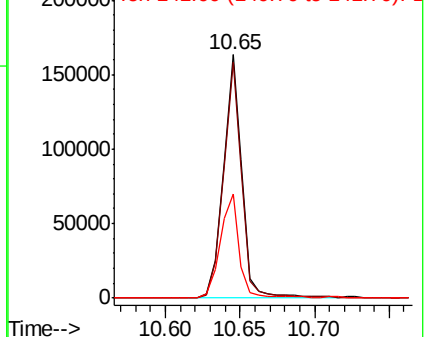
330 100

332 96.1 78.0 117.0

141 43.8 35.8 53.6



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

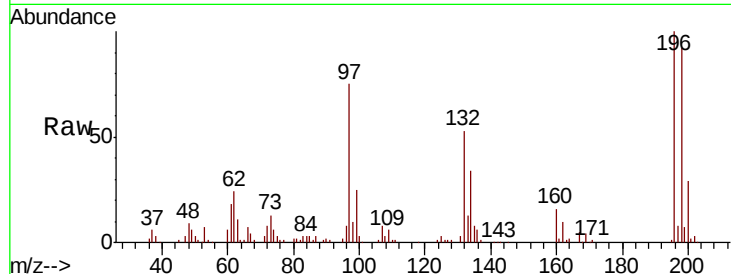




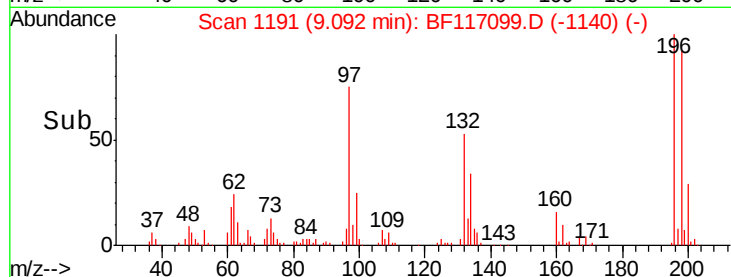
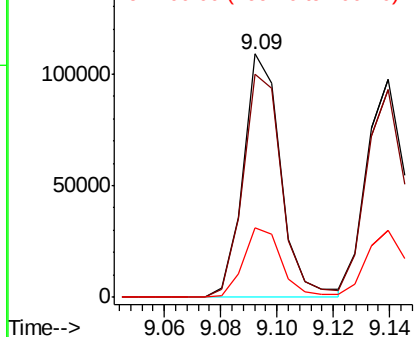
#43
 2,4,6-Trichlorophenol
 Concen: 49.092 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF117099.D
 Acq: 17 Sep 2019 11:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 100401
 Ion Ratio Lower Upper
 196 100
 198 91.9 75.7 113.5
 200 28.8 23.3 34.9

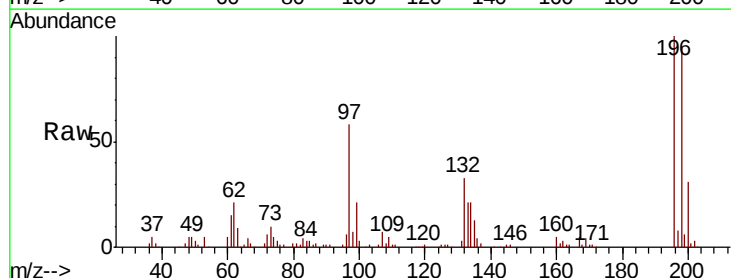


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

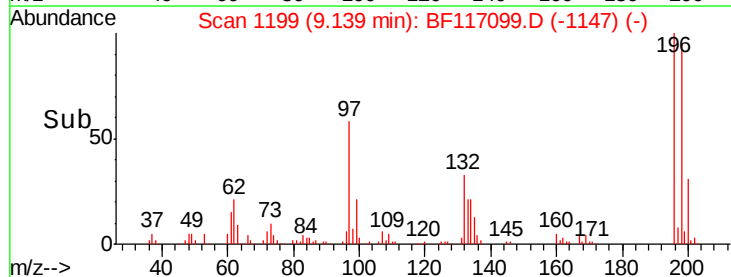
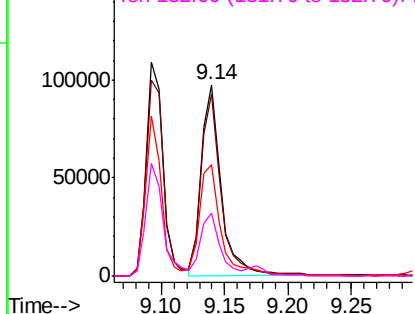


#44
 2,4,5-Trichlorophenol
 Concen: 48.594 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF117099.D
 Acq: 17 Sep 2019 11:57

Tgt Ion:196 Resp: 106182
 Ion Ratio Lower Upper
 196 100
 198 95.2 74.6 112.0
 97 58.0 49.5 74.3
 132 33.1 27.4 41.2



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

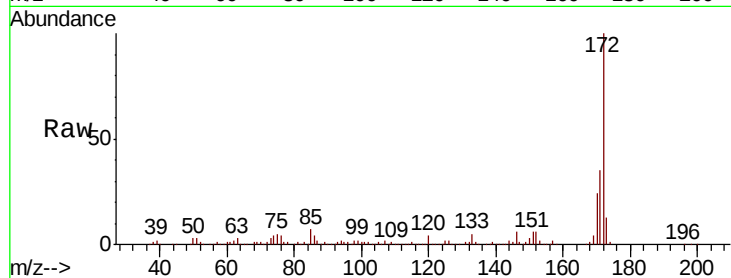




#45
2-Fluorobiphenyl
Concen: 100.802 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117099.D
Acq: 17 Sep 2019 11:57

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.2	42.2
170	23.7	18.9	28.3

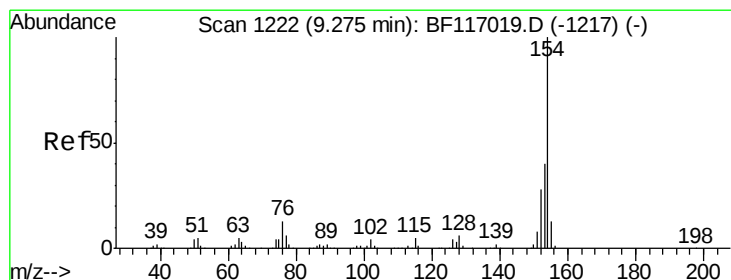
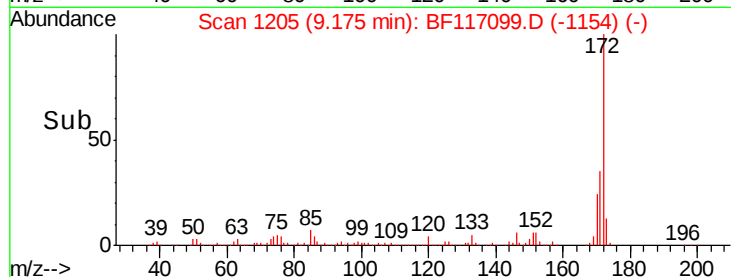
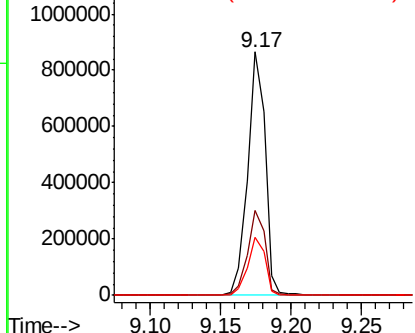


Abundance

Ion 172.00 (171.70 to 172.70): E

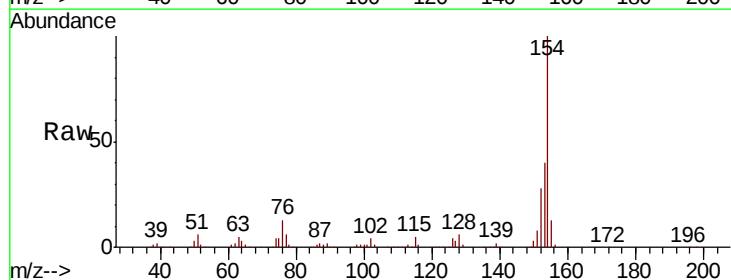
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 48.738 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF117099.D
Acq: 17 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.0	60.0
76	12.8	0.0	32.7

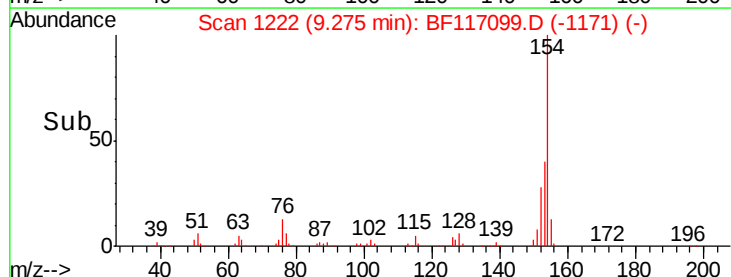
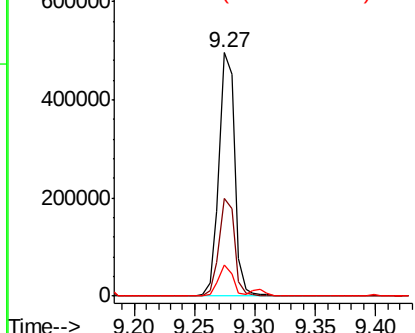


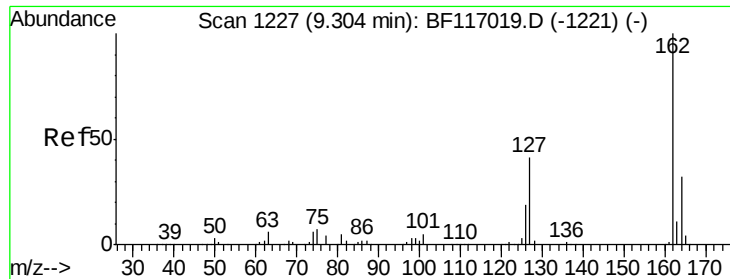
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

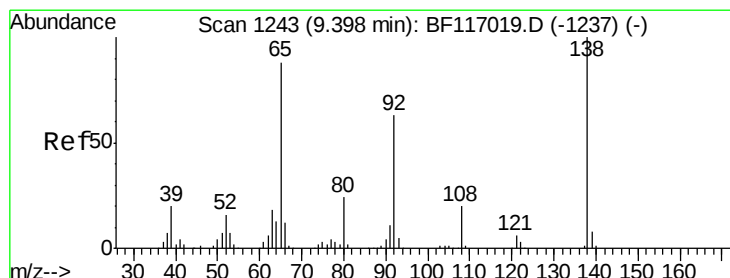
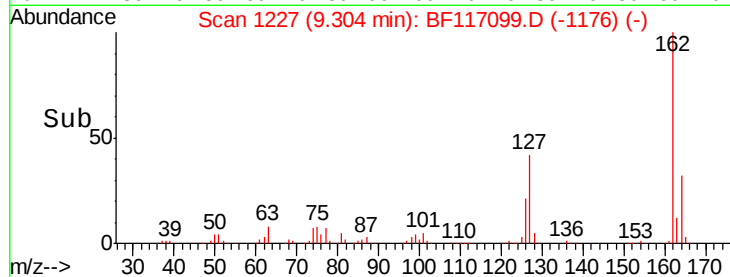
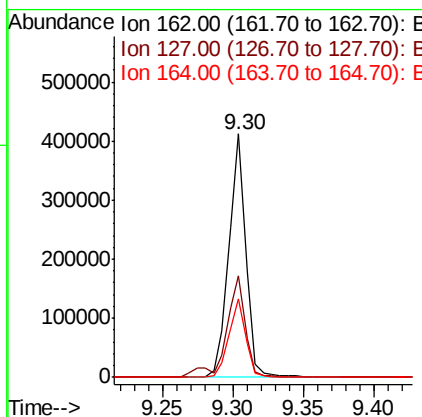
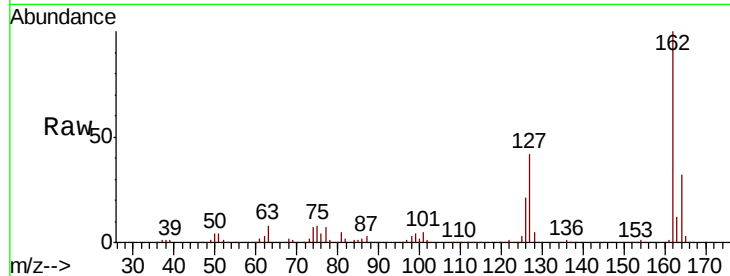




#47
 2-Chloronaphthalene
 Concen: 47.975 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: BF117099.D
 Acq: 17 Sep 2019 11:57

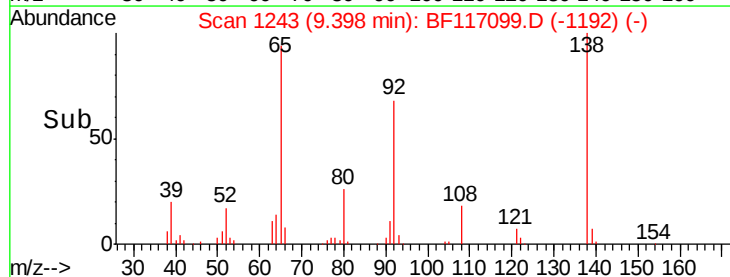
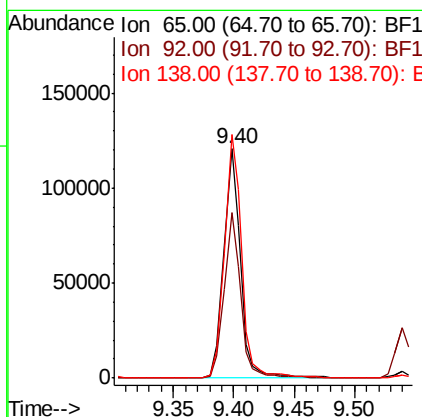
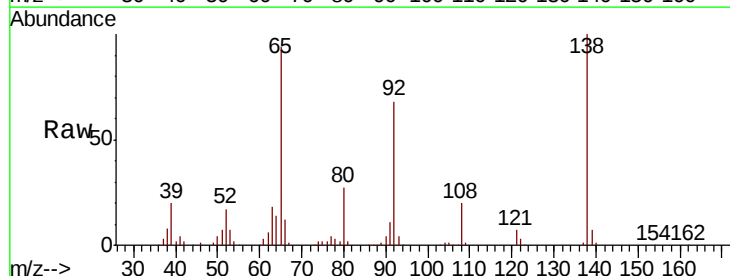
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 346609
 Ion Ratio Lower Upper
 162 100
 127 41.9 34.1 51.1
 164 32.4 25.9 38.9



#48
 2-Nitroaniline
 Concen: 50.107 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF117099.D
 Acq: 17 Sep 2019 11:57

Tgt Ion: 65 Resp: 116116
 Ion Ratio Lower Upper
 65 100
 92 72.3 57.5 86.3
 138 106.1 90.6 136.0





#49

Acenaphthylene

Concen: 51.374 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF117099.D

Acq: 17 Sep 2019 11:57

Instrument :

BNA_F

ClientSampleId :

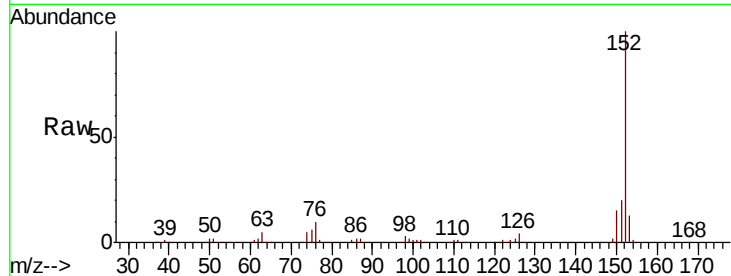
Tot Ion:152 Resp: 556027

Ion Ratio Lower Upper

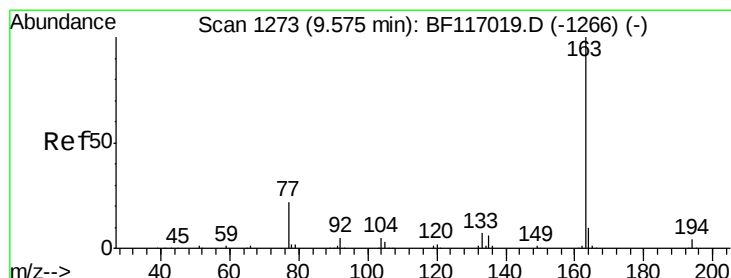
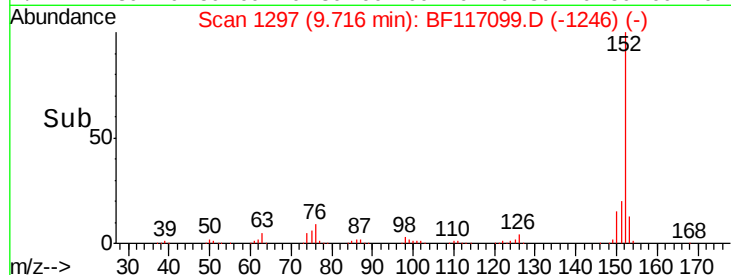
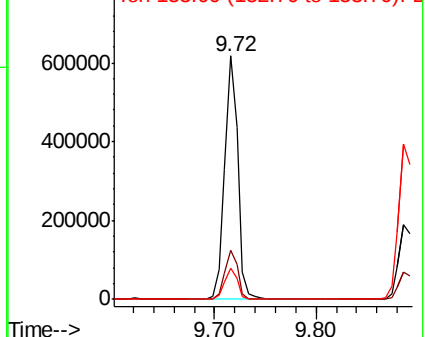
152 100

151 20.1 16.2 24.2

153 12.7 10.2 15.4



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: 51.922 ng

RT: 9.57 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF117099.D

Acq: 17 Sep 2019 11:57

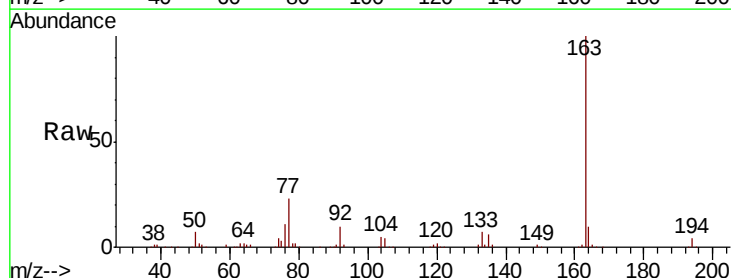
Tgt Ion:163 Resp: 429050

Ion Ratio Lower Upper

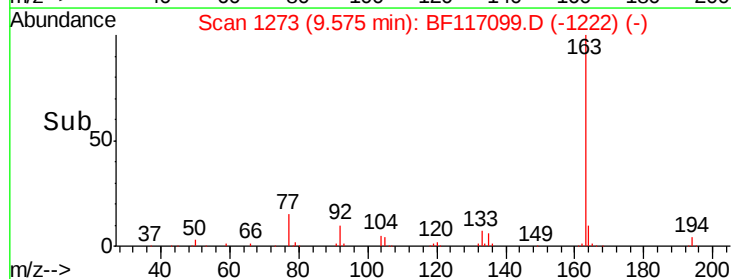
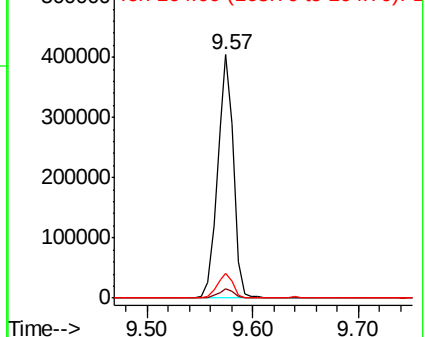
163 100

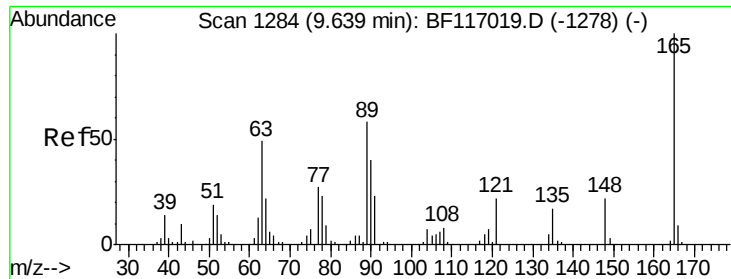
194 3.7 2.9 4.3

164 10.3 8.2 12.4



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: 53.788 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF117099.D

Acq: 17 Sep 2019 11:57

Instrument :
BNA_F
ClientSampleId :

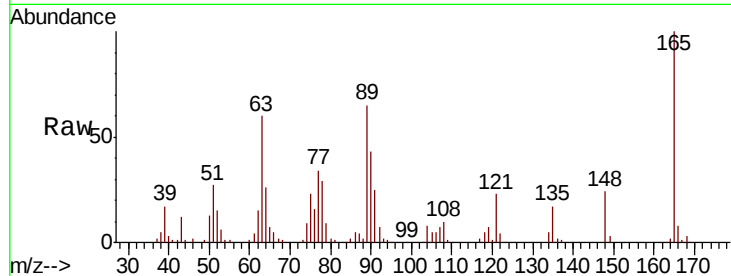
Tot Ion:165 Resp: 90524

Ion Ratio Lower Upper

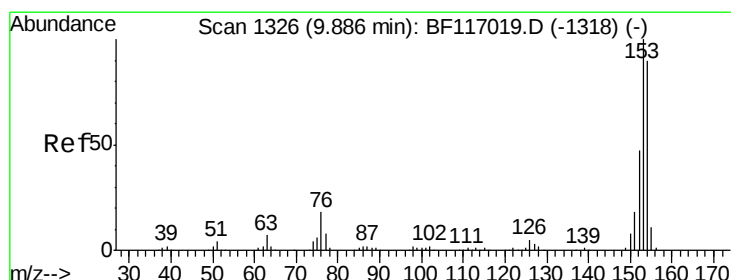
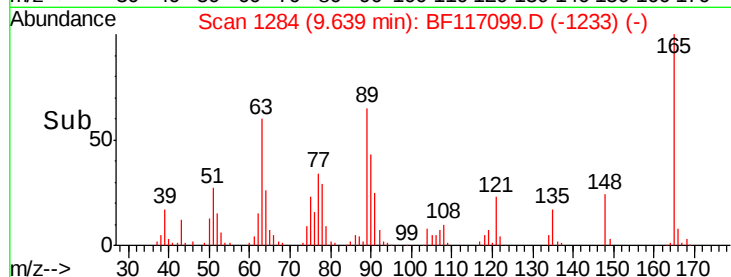
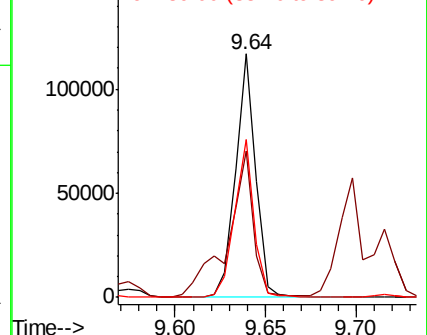
165 100

63 60.1 41.8 62.8

89 64.7 46.5 69.7



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



#52

Acenaphthene

Concen: 50.234 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF117099.D

Acq: 17 Sep 2019 11:57

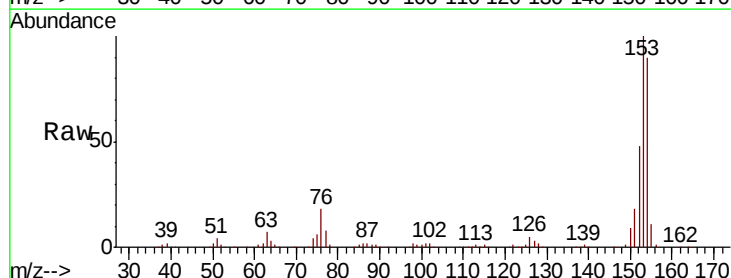
Tgt Ion:154 Resp: 322288

Ion Ratio Lower Upper

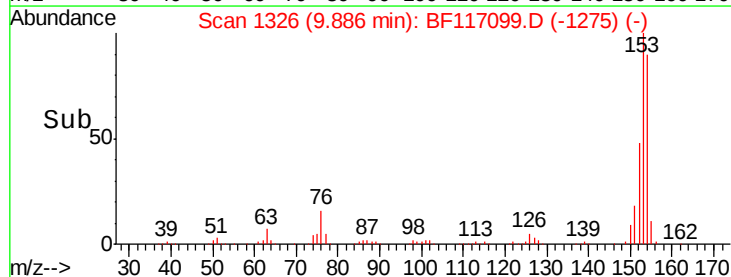
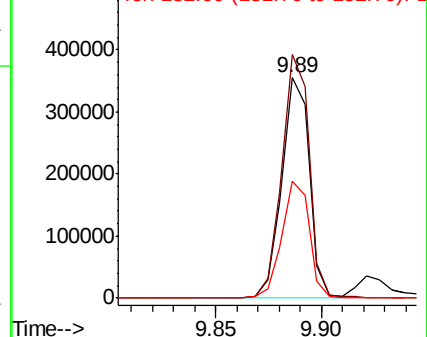
154 100

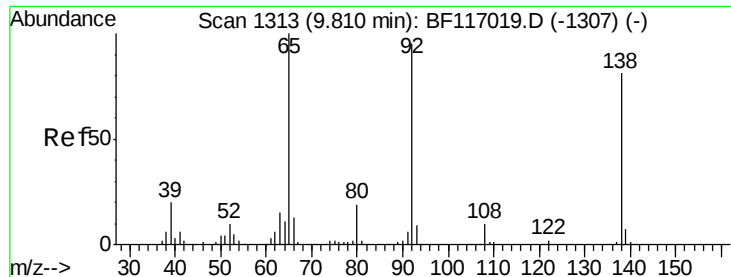
153 110.6 89.0 133.6

152 53.1 41.9 62.9



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

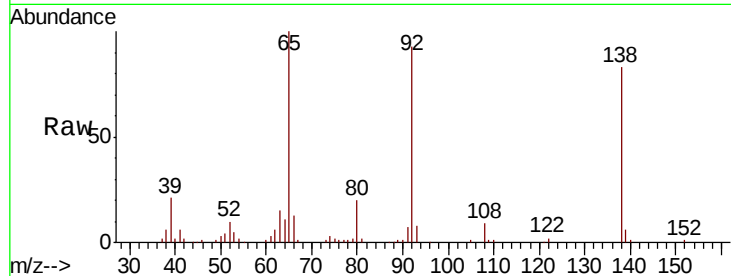




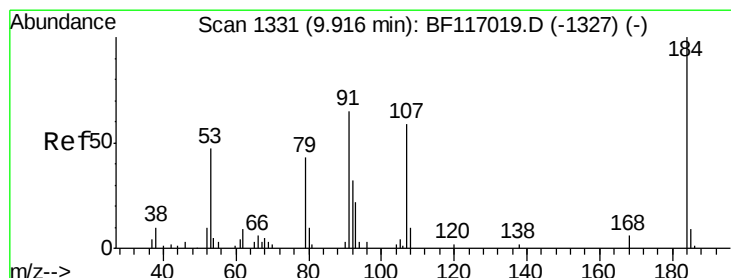
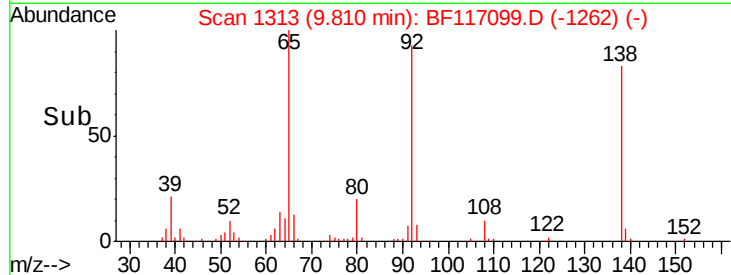
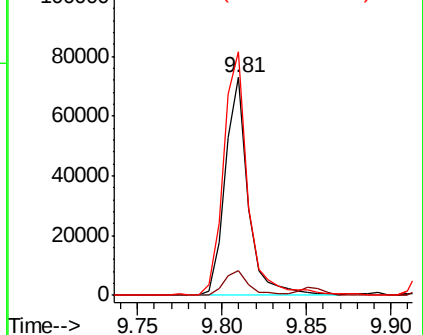
#53
3-Nitroaniline
Concen: 32.415 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF117099.D
Acq: 17 Sep 2019 11:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 68831
Ion Ratio Lower Upper
138 100
108 11.4 9.5 14.3
92 112.0 94.1 141.1

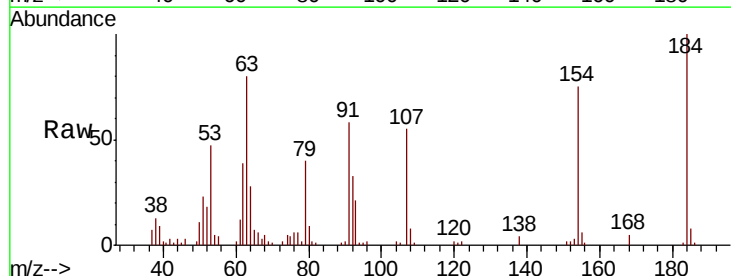


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

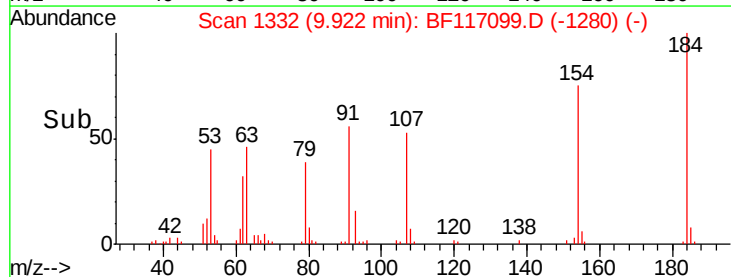
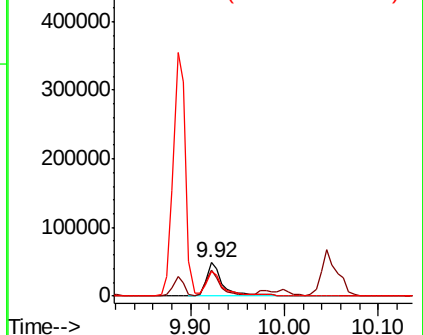


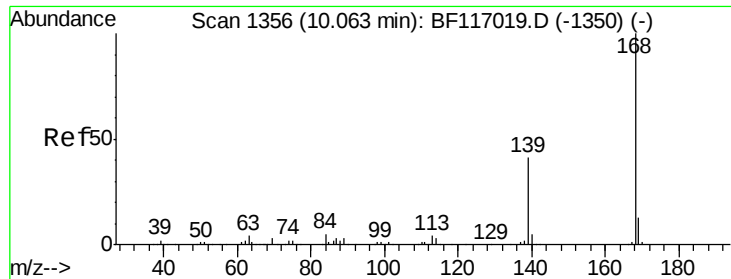
#54
2,4-Dinitrophenol
Concen: 84.067 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF117099.D
Acq: 17 Sep 2019 11:57

Tgt Ion:184 Resp: 61474
Ion Ratio Lower Upper
184 100
63 79.6 63.8 95.6
154 75.2 60.4 90.6



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

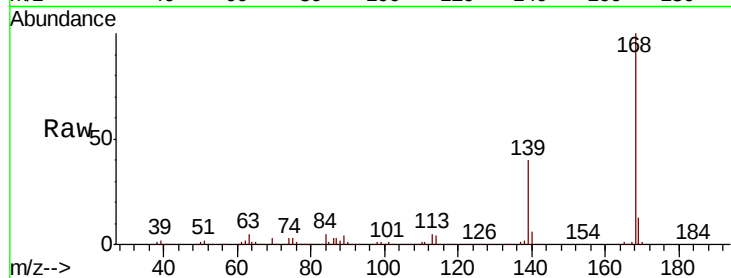




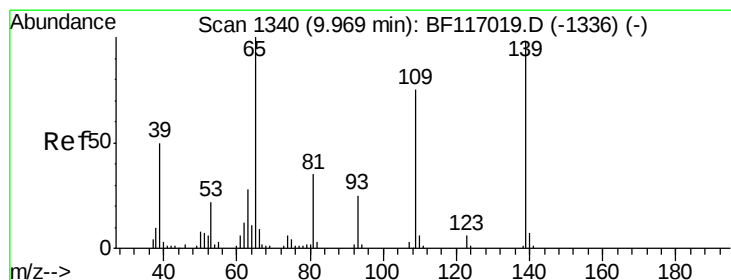
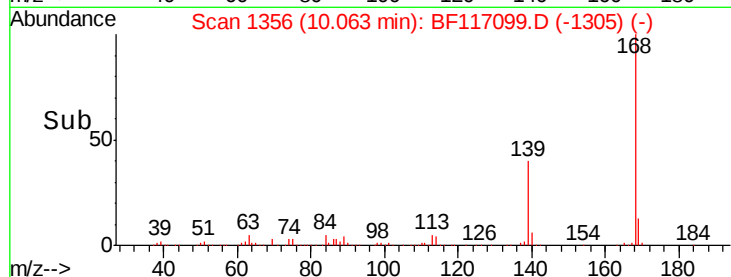
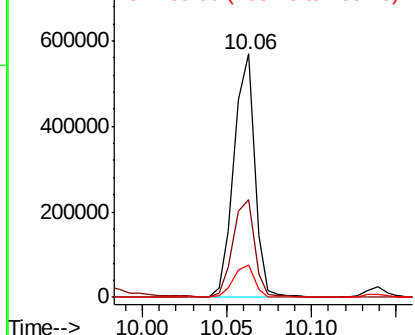
#55
Dibenzenofuran
Concen: 51.876 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF117099.D
Acq: 17 Sep 2019 11:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 491064
Ion Ratio Lower Upper
168 100
139 39.9 32.8 49.2
169 13.1 10.5 15.7

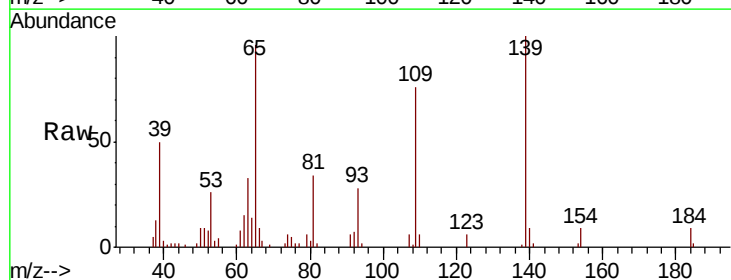


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

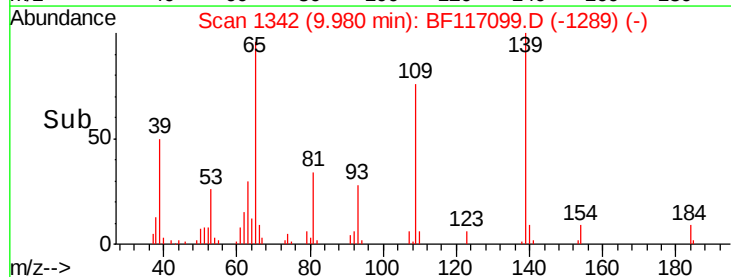
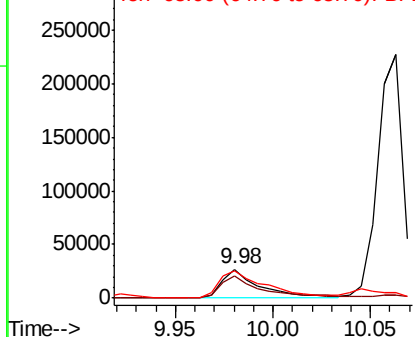


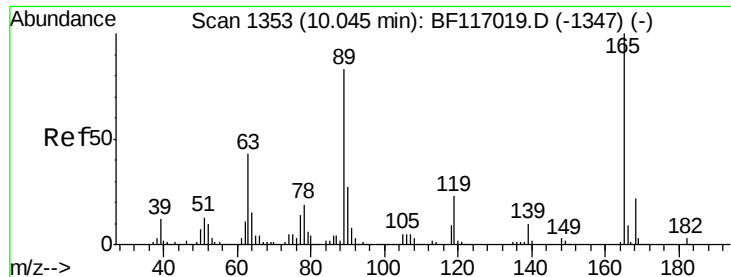
#56
4-Nitrophenol
Concen: 26.841 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF117099.D
Acq: 17 Sep 2019 11:57

Tgt Ion:139 Resp: 36939
Ion Ratio Lower Upper
139 100
109 75.7 56.4 96.4
65 95.9 82.5 122.5



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

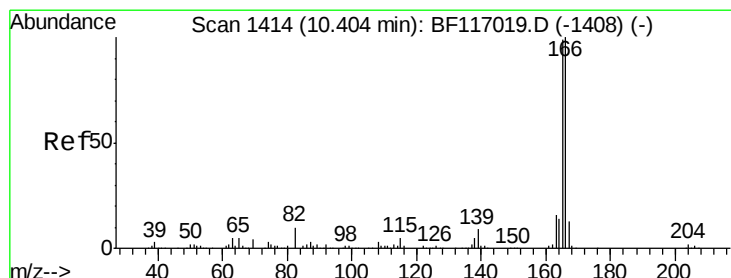
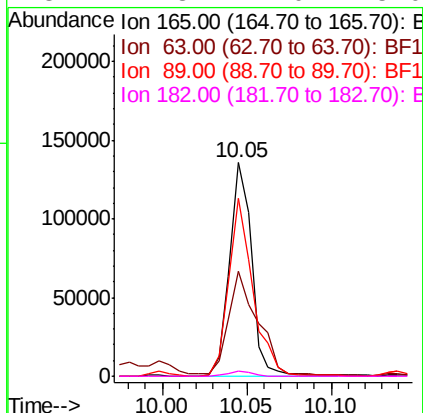
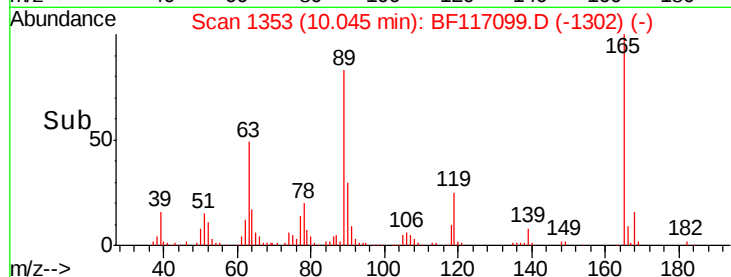
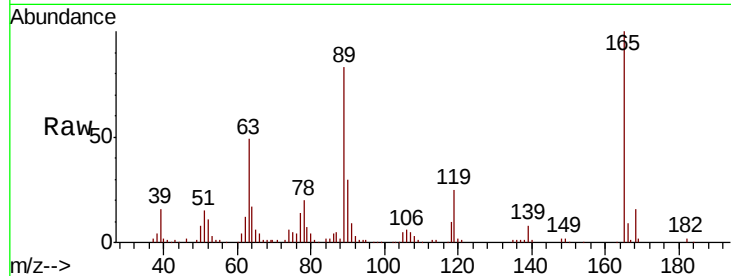




#57
 2,4-Dinitrotoluene
 Concen: 56.516 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BF117099.D
 Acq: 17 Sep 2019 11:57

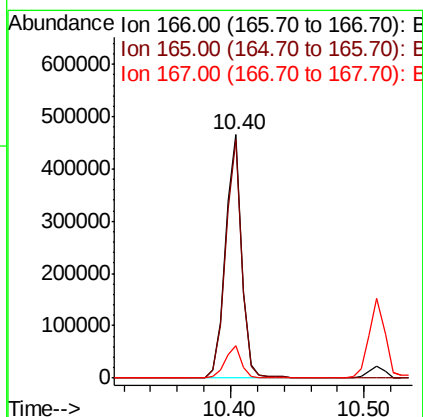
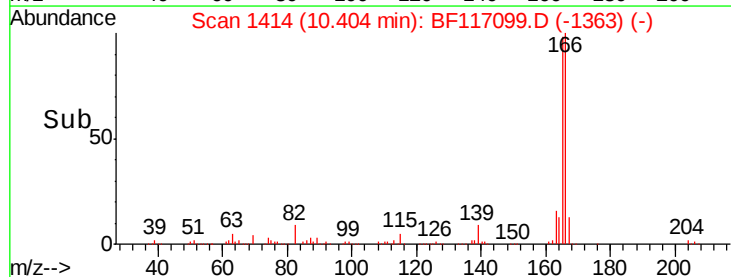
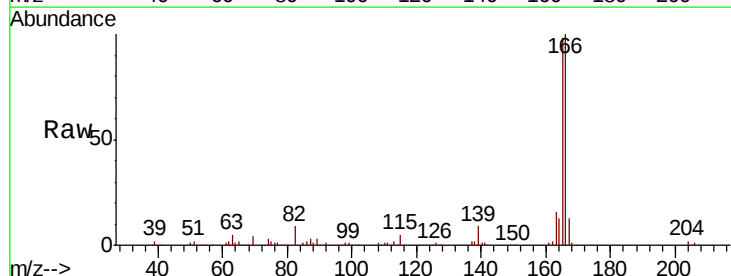
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	123465
Ion Ratio	Lower	Upper
165	100	
63	49.3	35.0 52.4
89	83.2	66.1 99.1
182	2.3	2.0 3.0



#58
 Fluorene
 Concen: 52.547 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BF117099.D
 Acq: 17 Sep 2019 11:57

Tgt Ion:166	Resp:	400679
Ion Ratio	Lower	Upper
166	100	
165	97.7	78.9 118.3
167	13.3	10.6 15.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 47.635 ng

RT: 10.18 min Scan# 1376

Delta R.T. 0.00 min

Lab File: BF117099.D

Acq: 17 Sep 2019 11:57

Instrument :

BNA_F

ClientSampled :

Tot Ion:232 Resp: 79652

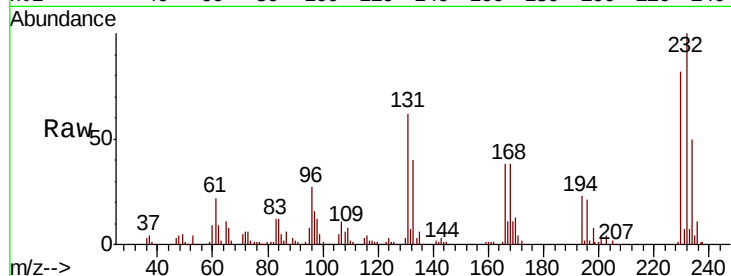
Ion Ratio Lower Upper

232 100

131 59.3 45.3 67.9

130 2.7 1.8 2.8

166 37.7 29.4 44.2

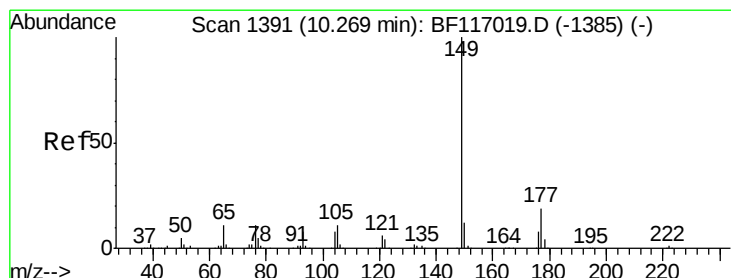
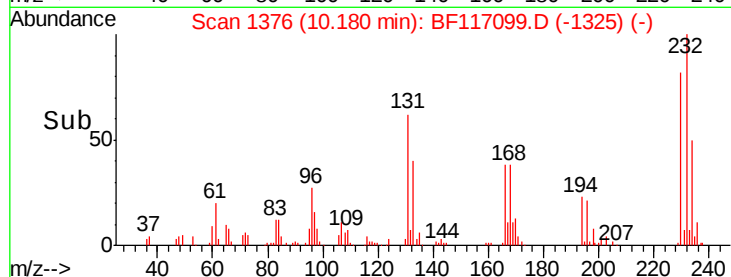
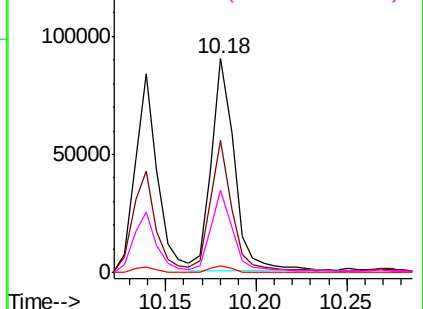


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 50.988 ng

RT: 10.27 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BF117099.D

Acq: 17 Sep 2019 11:57

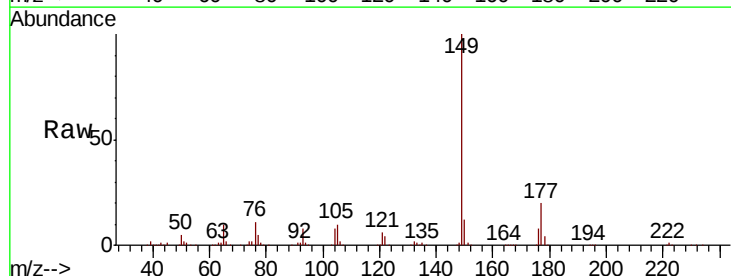
Tgt Ion:149 Resp: 414513

Ion Ratio Lower Upper

149 100

177 19.9 15.2 22.8

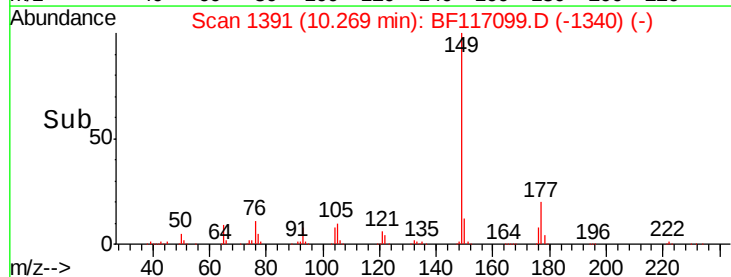
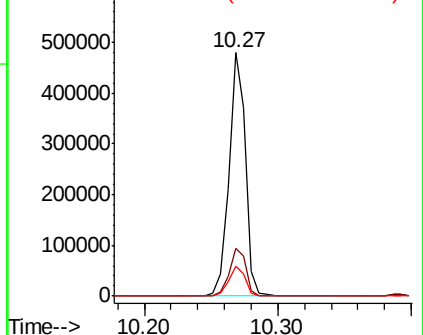
150 12.1 9.9 14.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

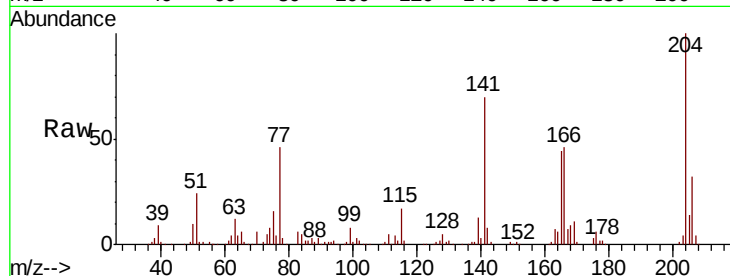




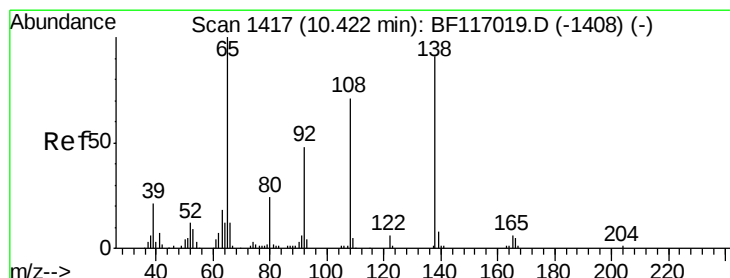
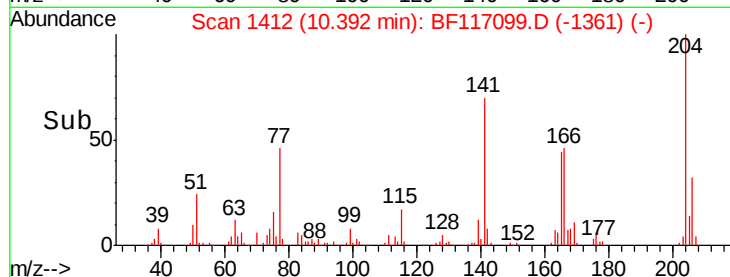
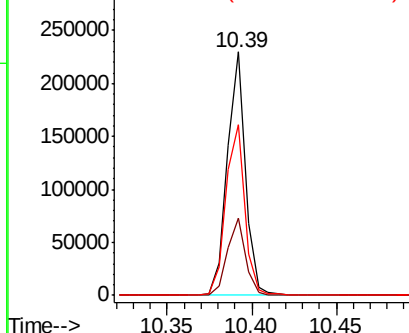
#61
4-Chlorophenyl-phenylether
Concen: 52.084 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF117099.D
Acq: 17 Sep 2019 11:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 171834
Ion Ratio Lower Upper
204 100
206 31.8 26.0 39.0
141 70.1 58.2 87.2

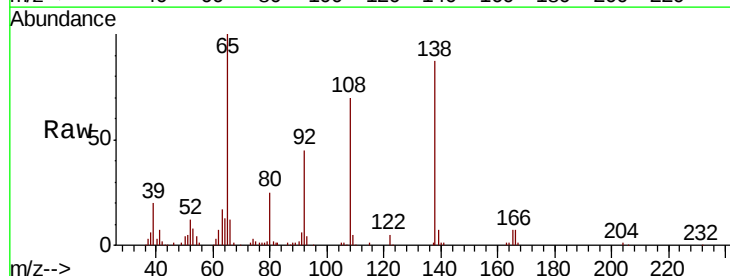


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

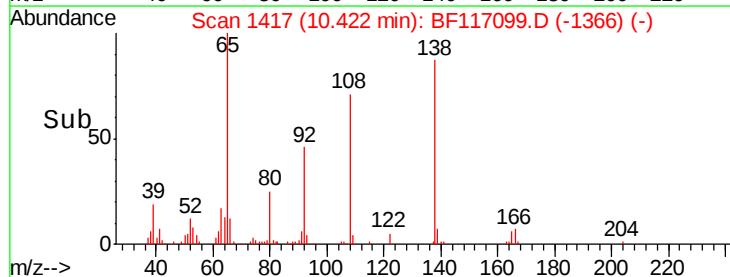
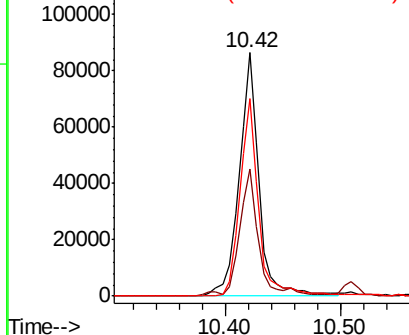


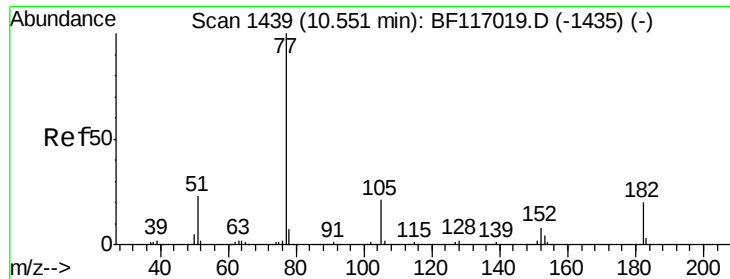
#62
4-Nitroaniline
Concen: 46.494 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF117099.D
Acq: 17 Sep 2019 11:57

Tgt Ion:138 Resp: 102671
Ion Ratio Lower Upper
138 100
92 52.2 32.9 72.9
108 81.1 58.3 98.3



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





#63

Azobenzene

Concen: 51.903 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF117099.D

Acq: 17 Sep 2019 11:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 430954

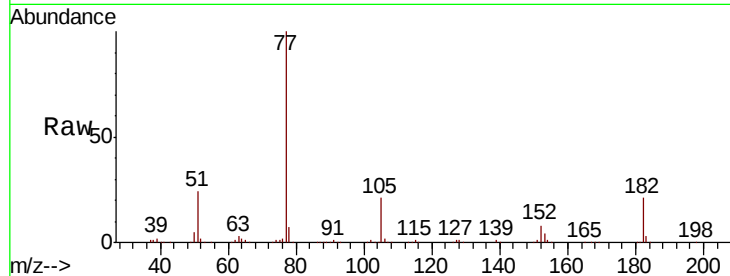
Ion Ratio Lower Upper

77 100

182 20.5 0.4 40.4

105 21.2 0.9 40.9

51 23.6 2.8 42.8

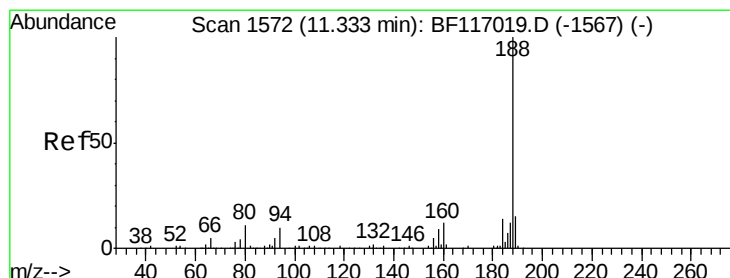
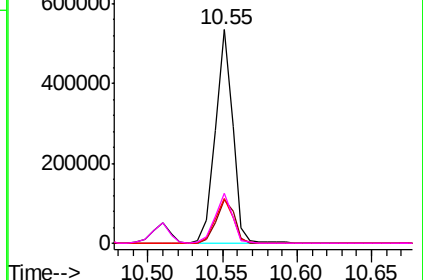
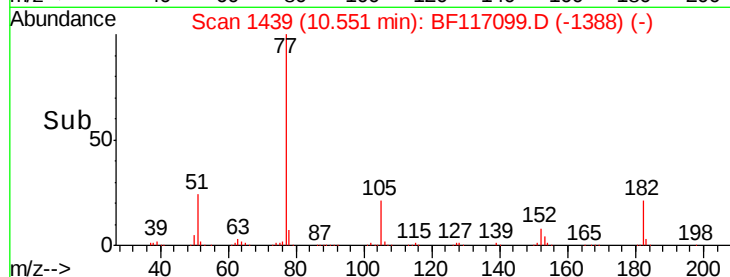


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BF117099.D

Acq: 17 Sep 2019 11:57

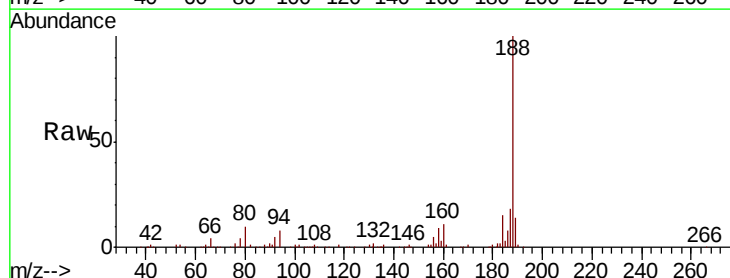
Tgt Ion: 188 Resp: 189583

Ion Ratio Lower Upper

188 100

94 8.3 8.2 12.2

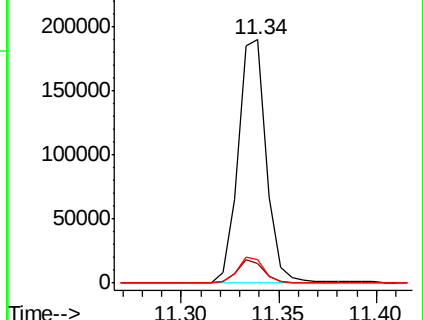
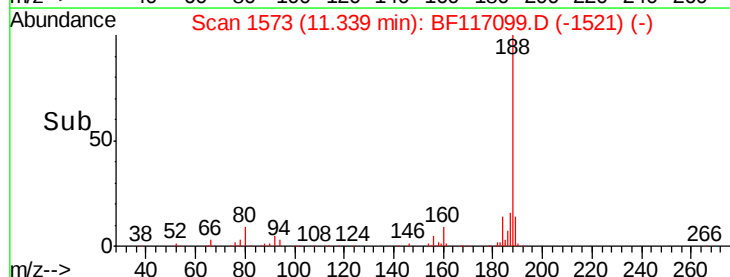
80 9.6 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 53.097 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF117099.D

Acq: 17 Sep 2019 11:57

Instrument :

BNA_F

ClientSampleId :

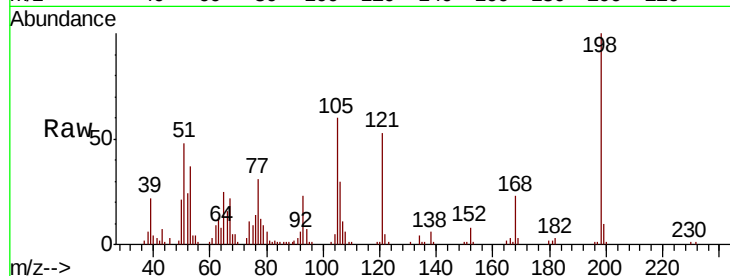
Tot Ion:198 Resp: 46606

Ion Ratio Lower Upper

198 100

51 47.5 18.7 58.7

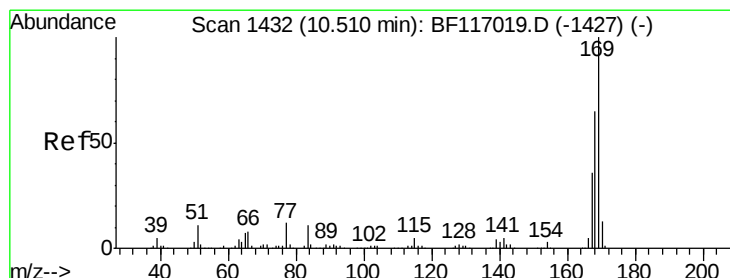
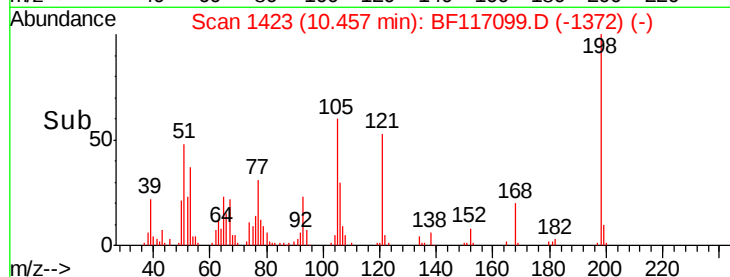
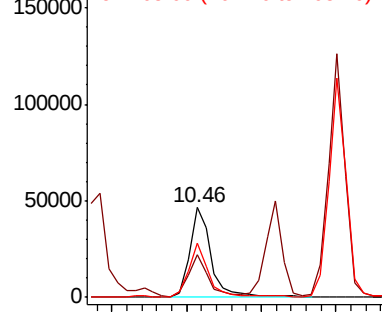
105 60.0 30.2 70.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 52.170 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF117099.D

Acq: 17 Sep 2019 11:57

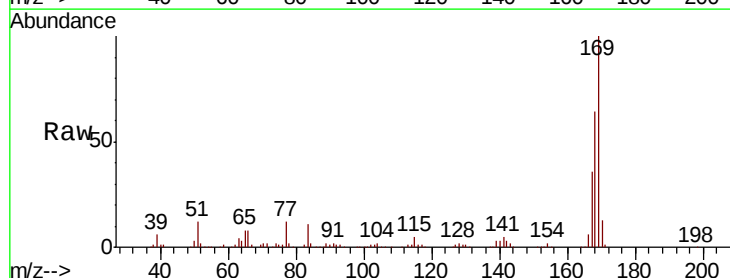
Tgt Ion:169 Resp: 341577

Ion Ratio Lower Upper

169 100

168 64.4 52.2 78.2

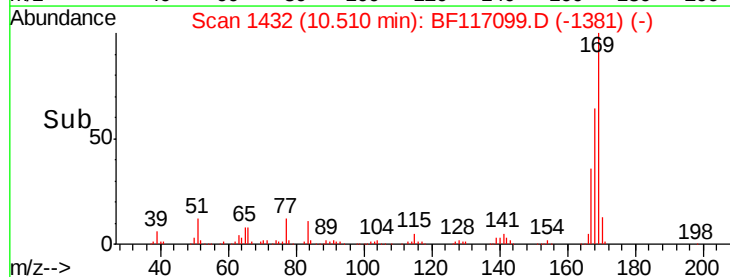
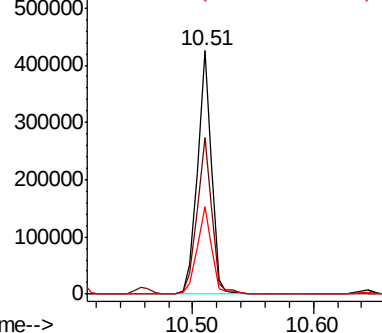
167 35.8 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

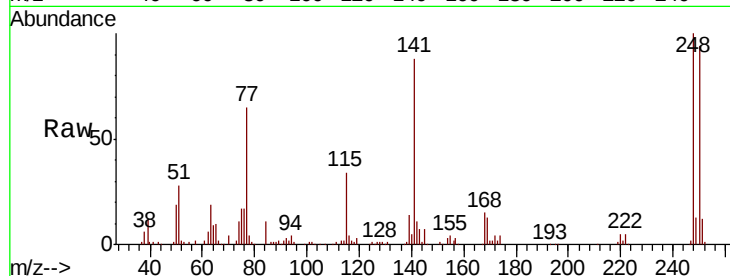




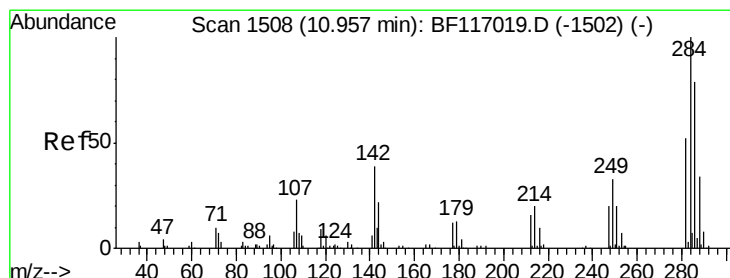
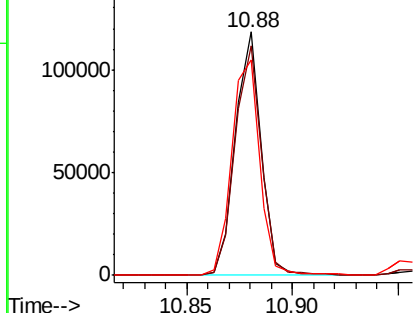
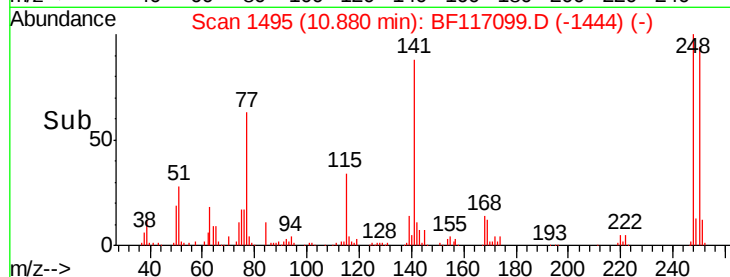
#67
 4-Bromophenyl-phenylether
 Concen: 51.412 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF117099.D
 Acq: 17 Sep 2019 11:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 99538
 Ion Ratio Lower Upper
 248 100
 250 94.4 76.2 114.4
 141 88.3 75.0 112.4

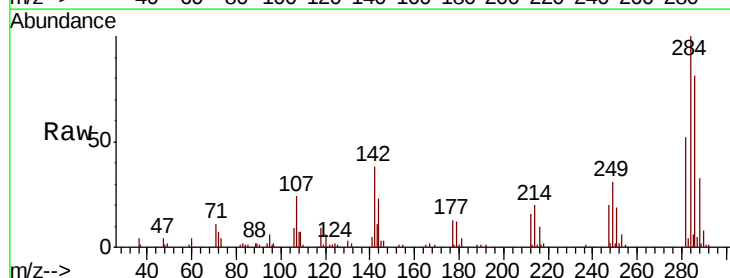


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

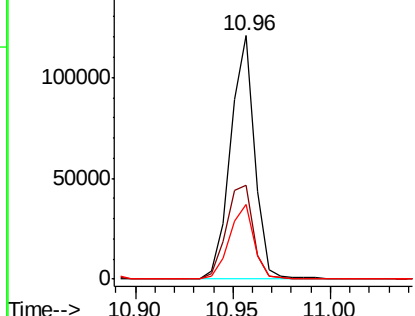
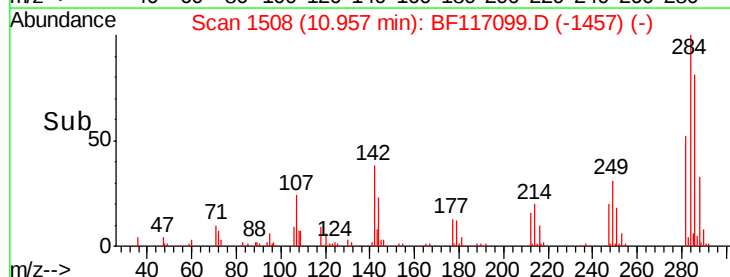


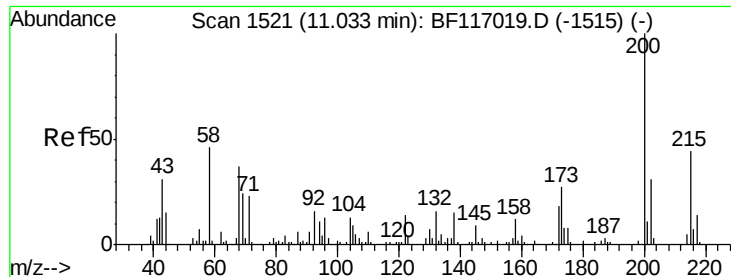
#68
 Hexachlorobenzene
 Concen: 48.985 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: BF117099.D
 Acq: 17 Sep 2019 11:57

Tgt Ion:284 Resp: 103731
 Ion Ratio Lower Upper
 284 100
 142 38.5 31.4 47.2
 249 30.7 26.5 39.7



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

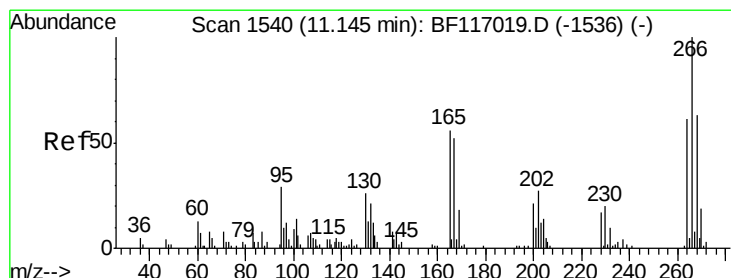
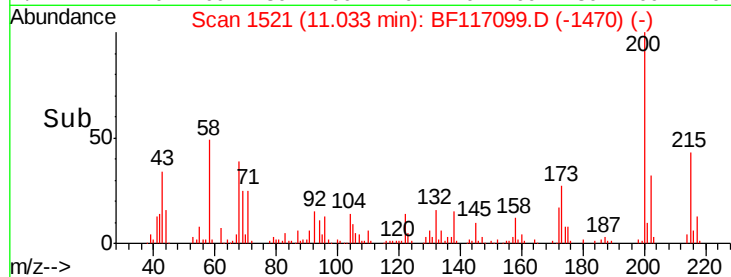
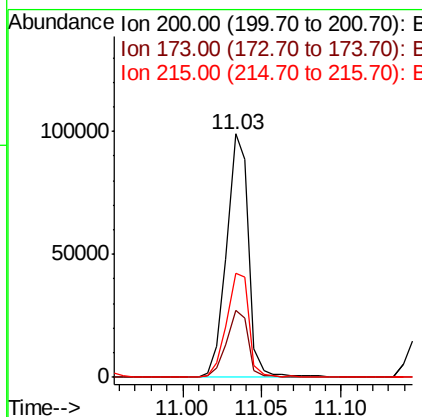
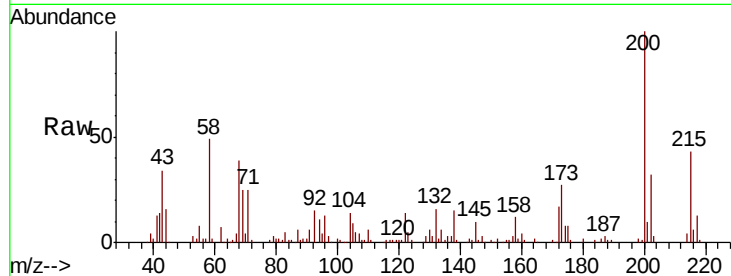




#69
 Atrazine
 Concen: 66.317 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: BF117099.D
 Acq: 17 Sep 2019 11:57

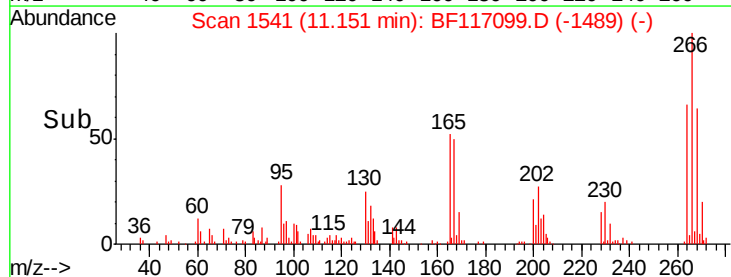
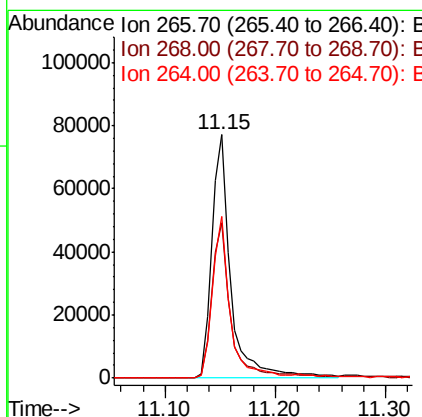
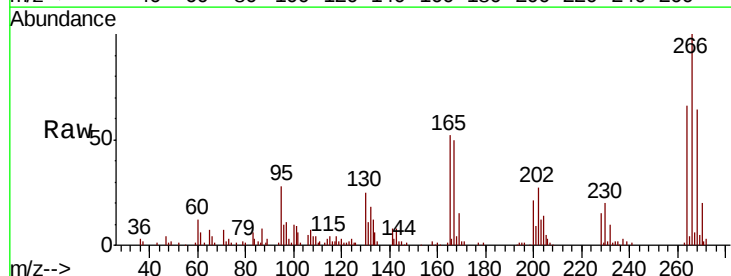
Instrument :
 BNA_F
 ClientSampleId :

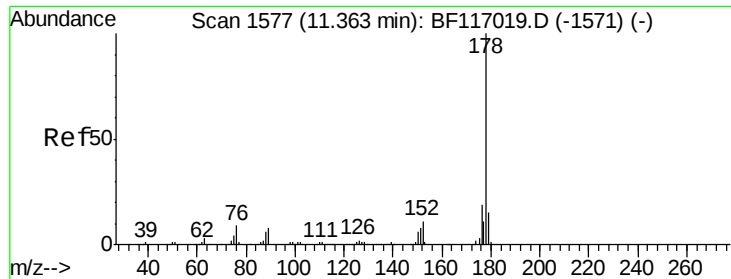
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	6.9	46.9
215	42.8	23.8	63.8



#70
 Pentachlorophenol
 Concen: 92.144 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BF117099.D
 Acq: 17 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	50.5	75.7
264	66.4	48.8	73.2





#71

Phenanthrene

Concen: 52.028 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF117099.D

Acq: 17 Sep 2019 11:57

Instrument :

BNA_F

ClientSampleId :

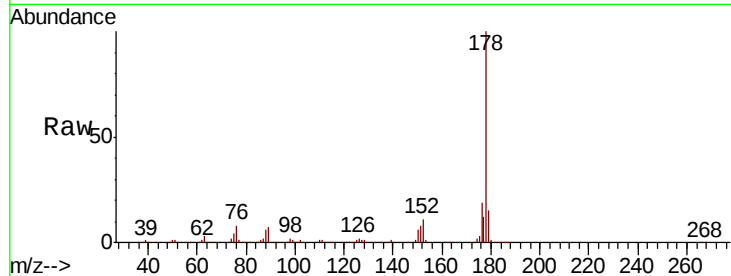
Tot Ion:178 Resp: 560246

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

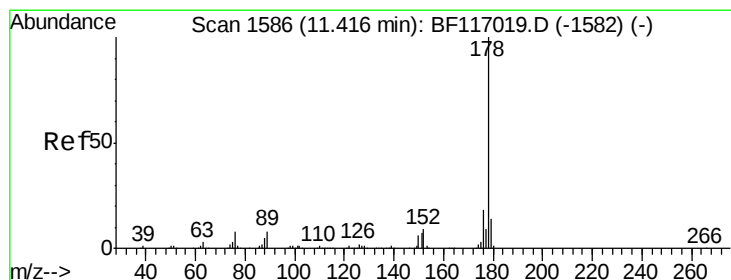
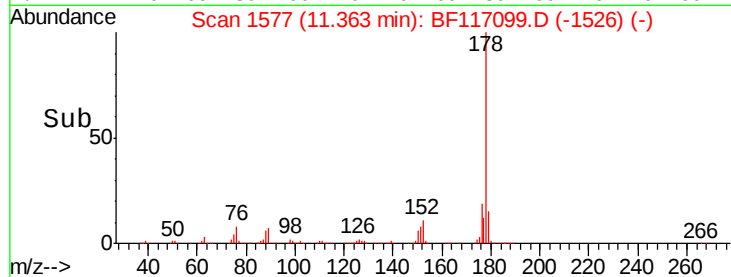
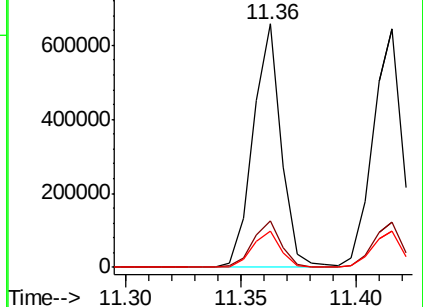
179 14.9 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 53.158 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF117099.D

Acq: 17 Sep 2019 11:57

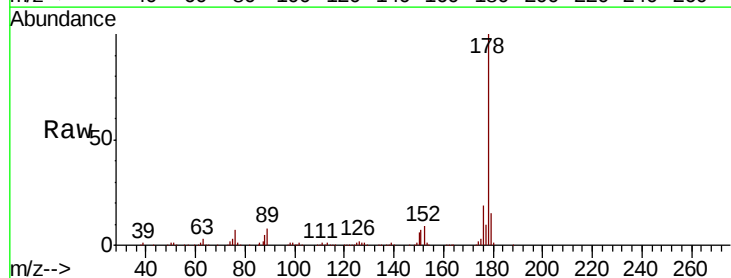
Tgt Ion:178 Resp: 584395

Ion Ratio Lower Upper

178 100

176 19.1 14.6 21.8

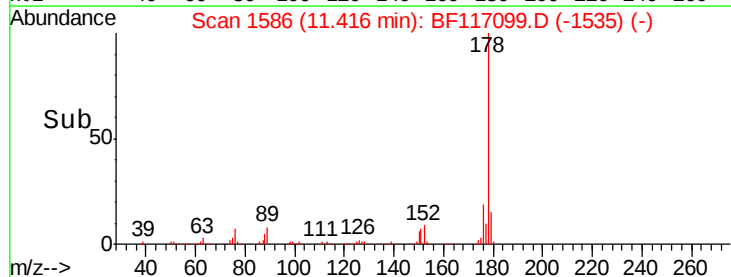
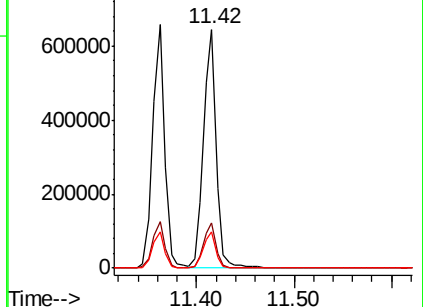
179 15.1 11.6 17.4

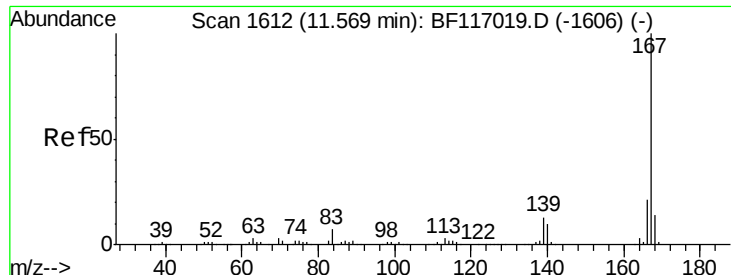


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

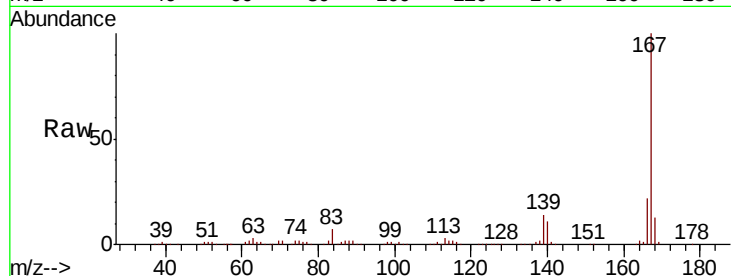




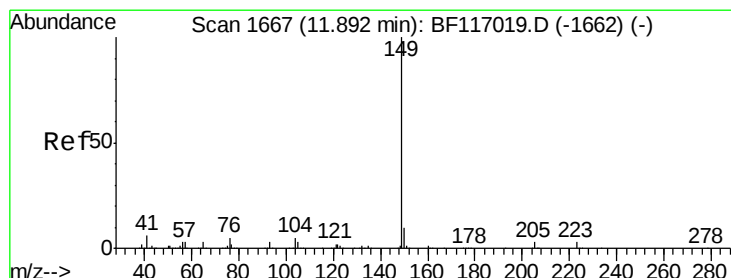
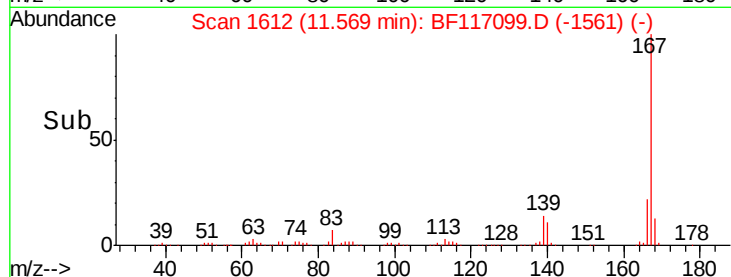
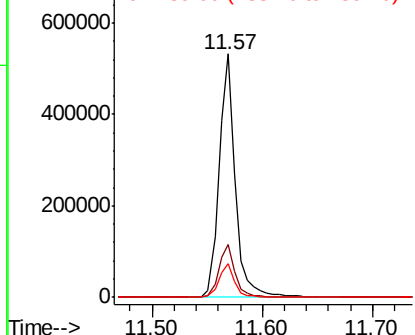
#73
 Carbazole
 Concen: 51.873 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF117099.D
 Acq: 17 Sep 2019 11:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 541302
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 13.8 10.6 16.0

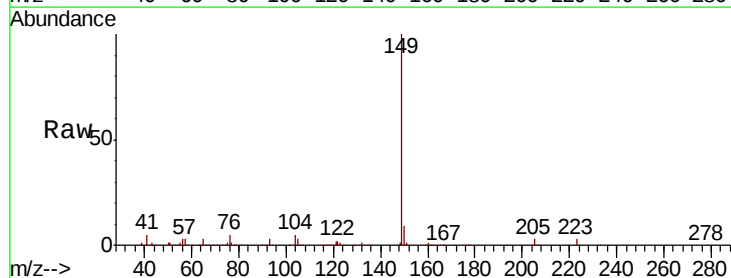


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

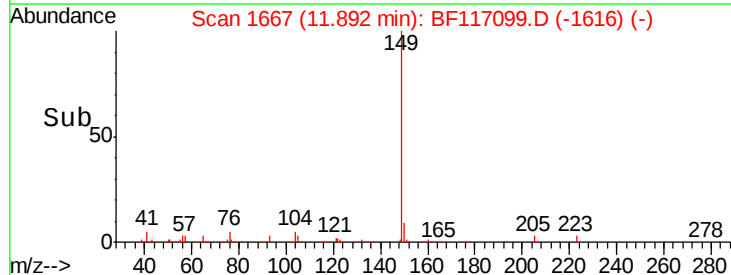
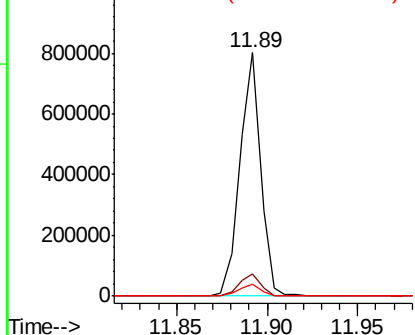


#74
 Di-n-butylphthalate
 Concen: 51.418 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF117099.D
 Acq: 17 Sep 2019 11:57

Tgt Ion:149 Resp: 638382
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.7 11.5
 104 5.1 4.2 6.4



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

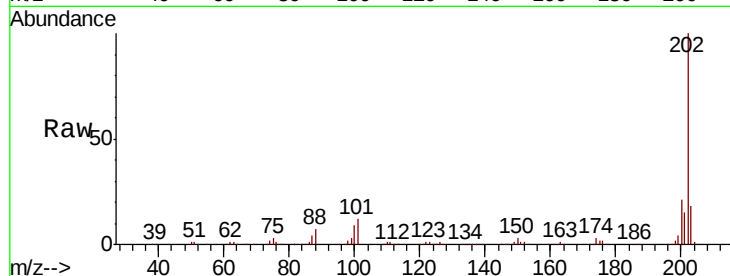




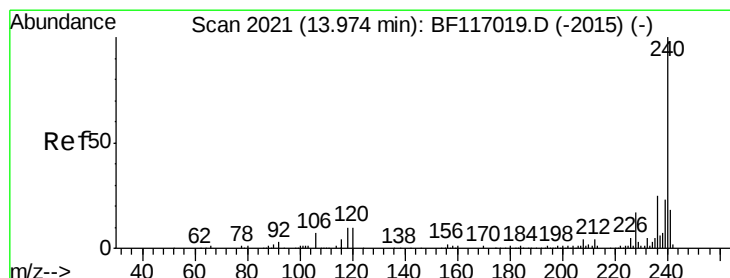
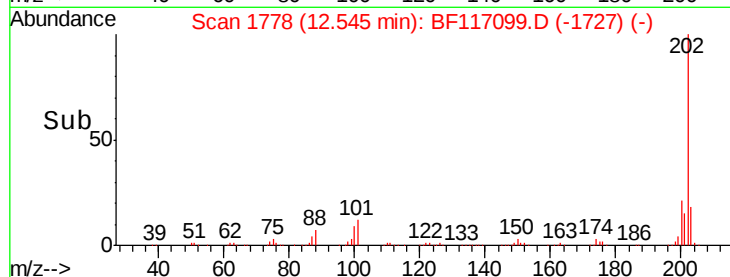
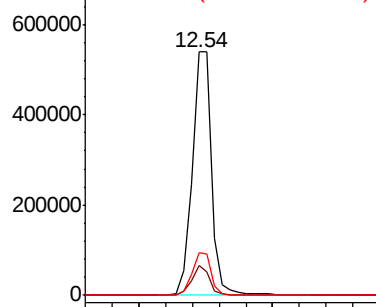
#75
 Fluoranthene
 Concen: 50.172 ng
 RT: 12.54 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BF117099.D
 Acq: 17 Sep 2019 11:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	32.3
203	17.7	0.0	37.1

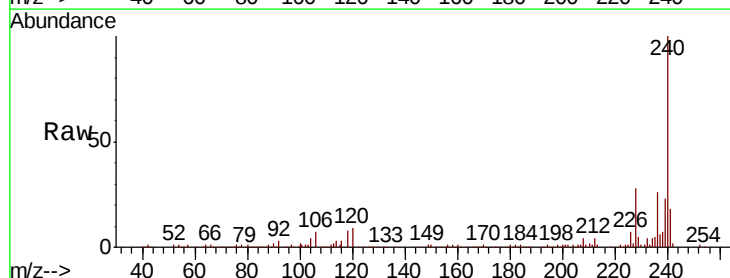


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

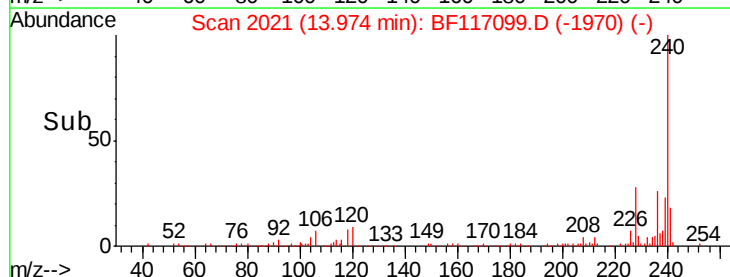
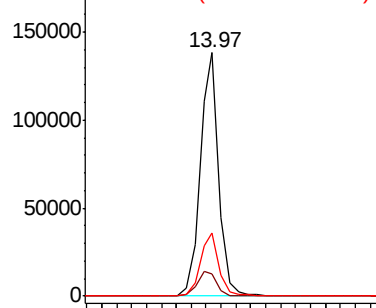


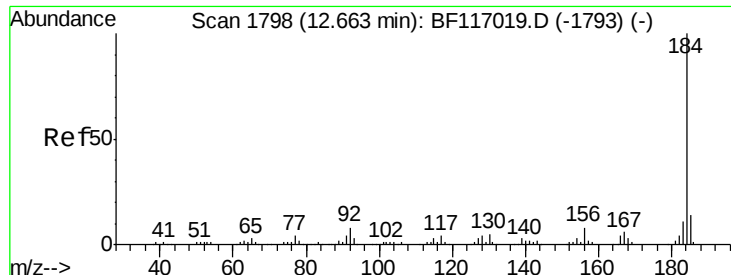
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF117099.D
 Acq: 17 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.1	8.3	12.5
236	25.9	20.3	30.5



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

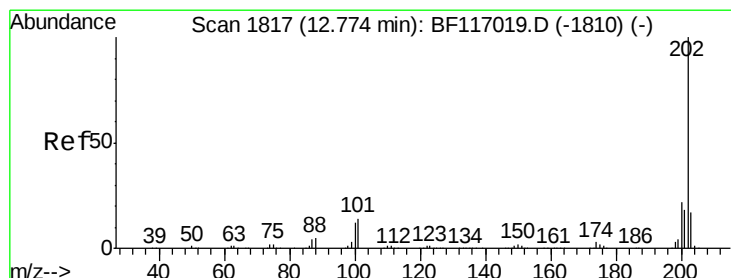
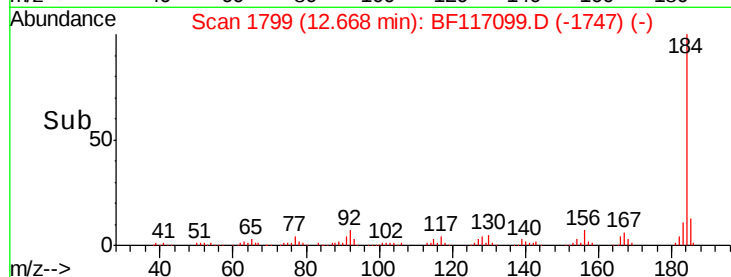
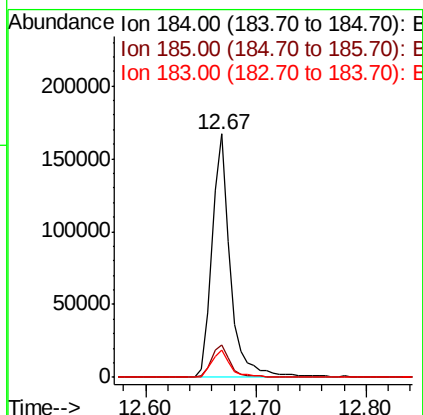
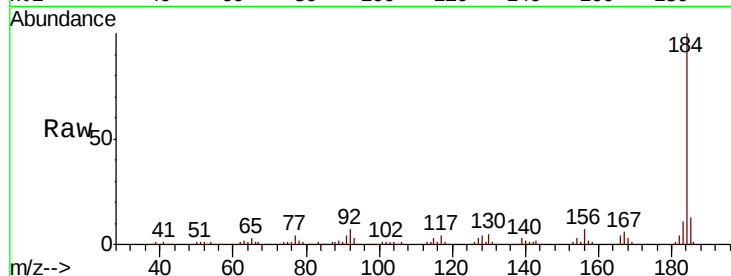




#77
Benzidine
Concen: 48.779 ng
RT: 12.67 min Scan# 1799
Delta R.T. 0.01 min
Lab File: BF117099.D
Acq: 17 Sep 2019 11:57

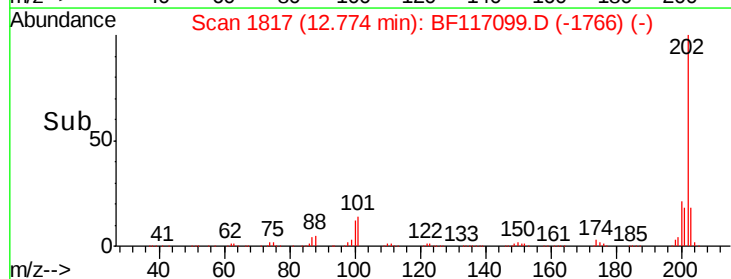
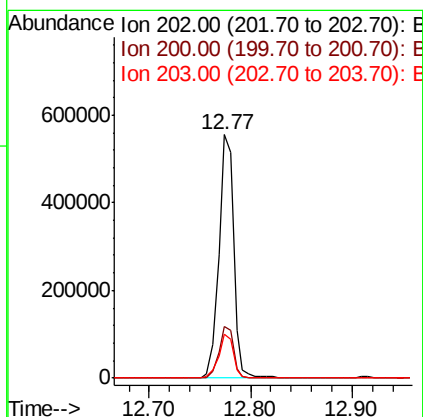
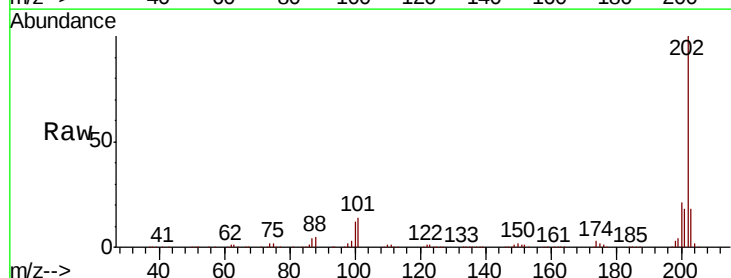
Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 189612
Ion Ratio Lower Upper
184 100
185 13.4 11.6 17.4
183 11.3 9.0 13.4



#78
Pyrene
Concen: 55.819 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF117099.D
Acq: 17 Sep 2019 11:57

Tgt Ion:202 Resp: 565183
Ion Ratio Lower Upper
202 100
200 21.0 17.2 25.8
203 17.9 14.0 21.0

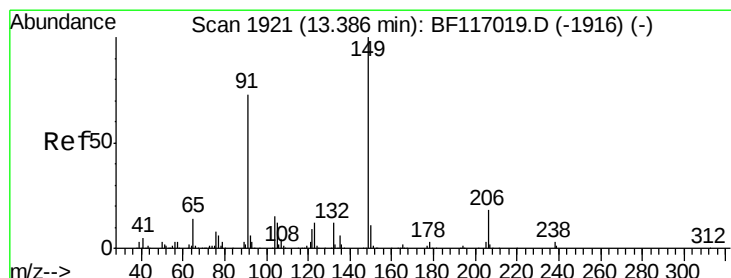
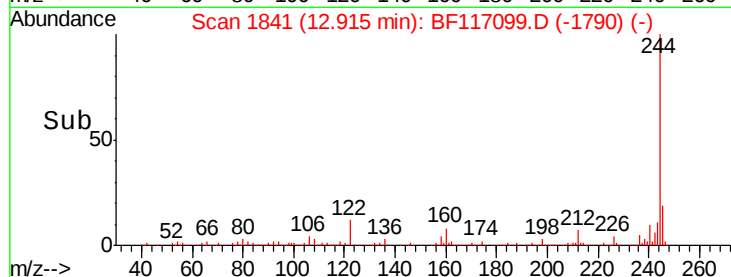
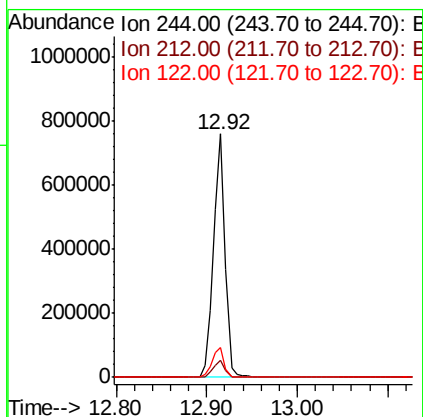
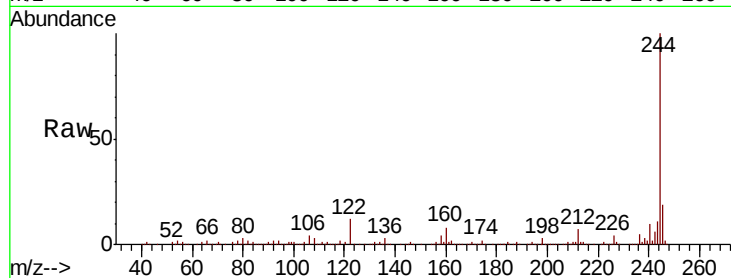




#79
 Terphenyl-d14
 Concen: 105.821 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF117099.D
 Acq: 17 Sep 2019 11:57

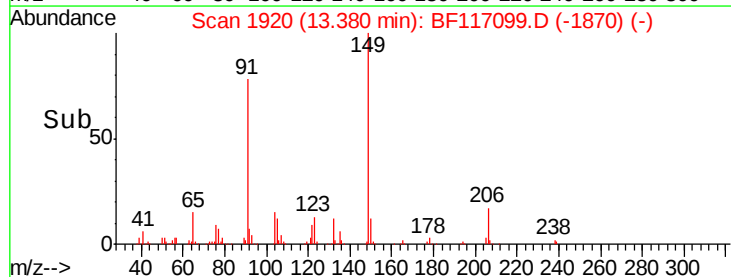
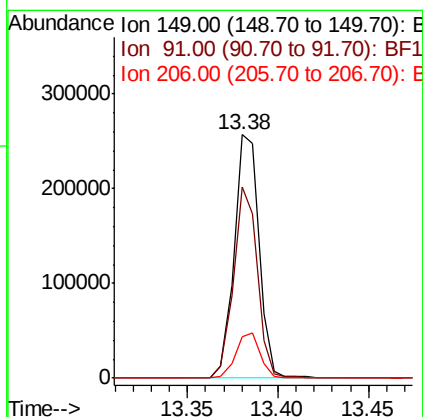
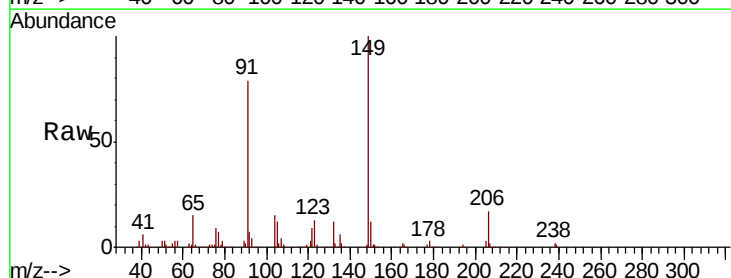
Instrument :
 BNA_F
 ClientSampleId :

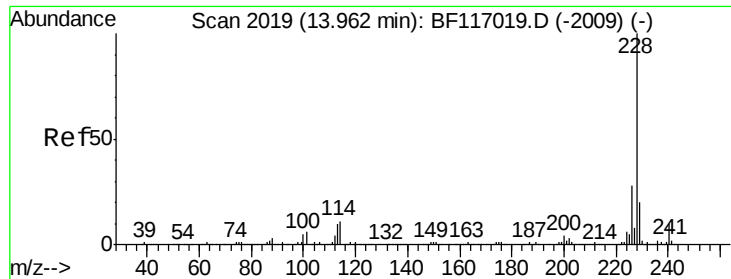
Tot Ion:244 Resp: 683144
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 12.2 11.3 16.9



#80
 Butylbenzylphthalate
 Concen: 51.597 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BF117099.D
 Acq: 17 Sep 2019 11:57

Tgt Ion:149 Resp: 246856
 Ion Ratio Lower Upper
 149 100
 91 78.6 58.8 88.2
 206 17.3 14.1 21.1

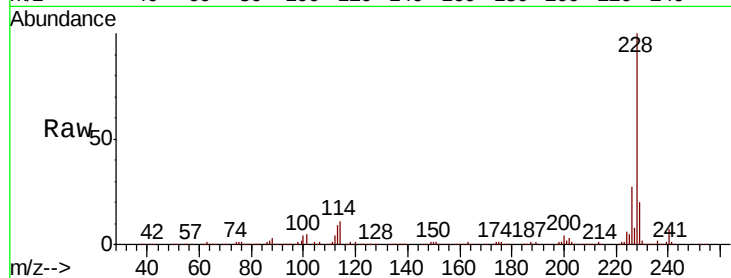




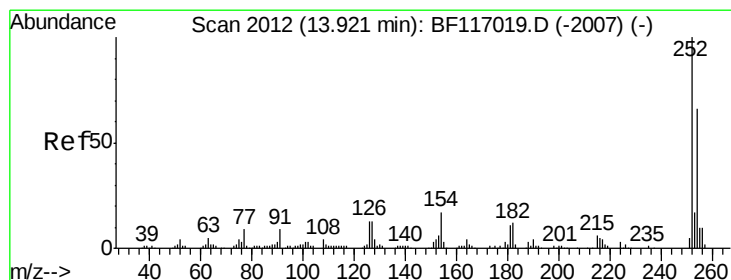
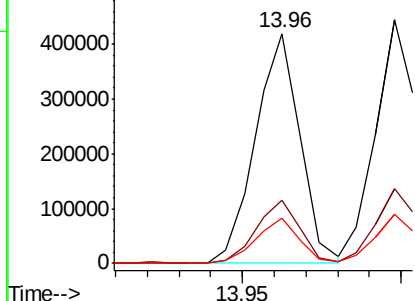
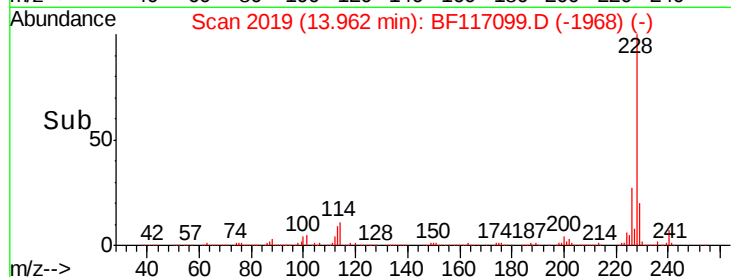
#81
Benzo(a)anthracene
Concen: 50.838 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF117099.D
Acq: 17 Sep 2019 11:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 409863
Ion Ratio Lower Upper
228 100
226 27.3 22.3 33.5
229 19.9 15.9 23.9

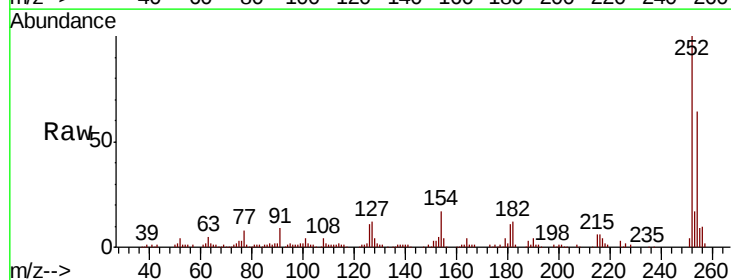


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

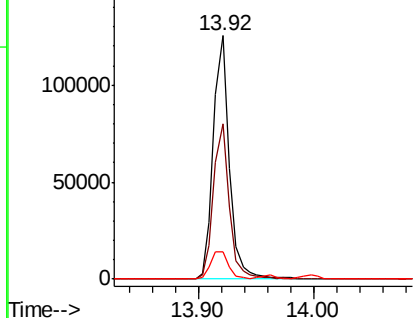
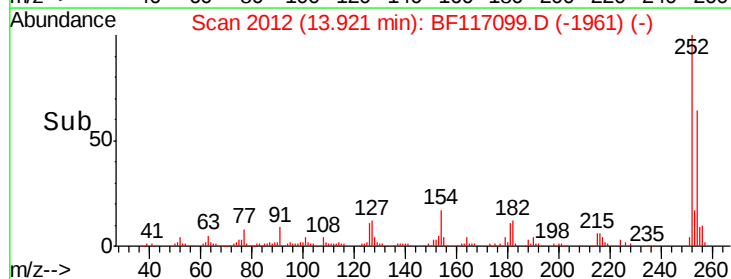


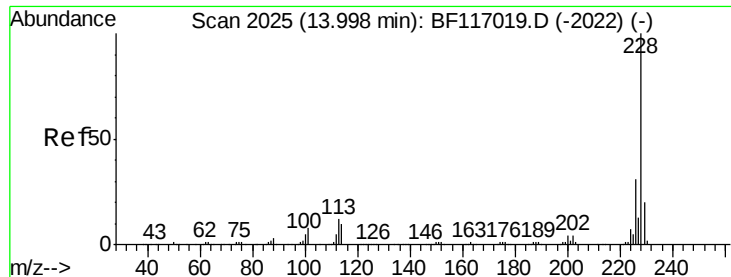
#82
3,3'-Dichlorobenzidine
Concen: 46.895 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BF117099.D
Acq: 17 Sep 2019 11:57

Tgt Ion:252 Resp: 121834
Ion Ratio Lower Upper
252 100
254 64.0 52.6 79.0
126 11.0 10.4 15.6



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: 51.281 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF117099.D

Acq: 17 Sep 2019 11:57

Instrument :

BNA_F

ClientSampleId :

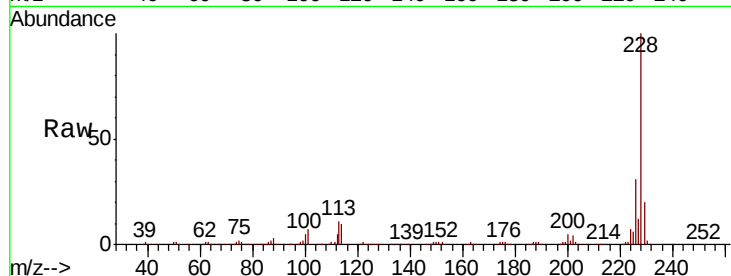
Tot Ion:228 Resp: 403232

Ion Ratio Lower Upper

228 100

226 30.8 24.8 37.2

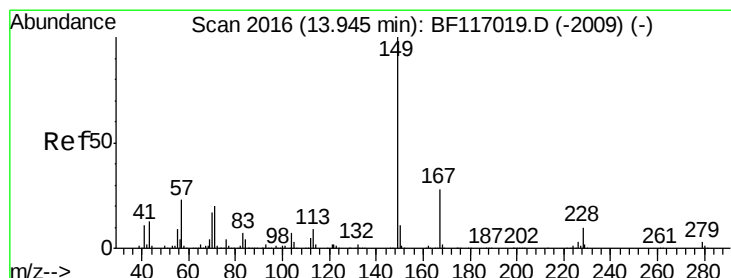
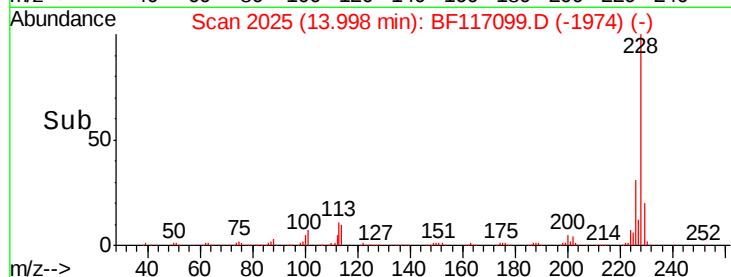
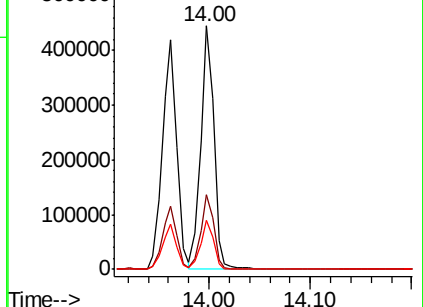
229 20.0 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.692 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BF117099.D

Acq: 17 Sep 2019 11:57

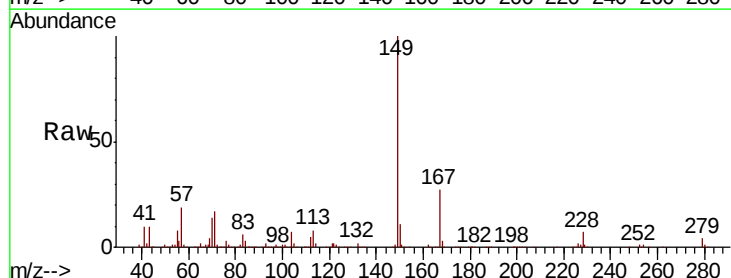
Tgt Ion:149 Resp: 325038

Ion Ratio Lower Upper

149 100

167 26.9 22.2 33.2

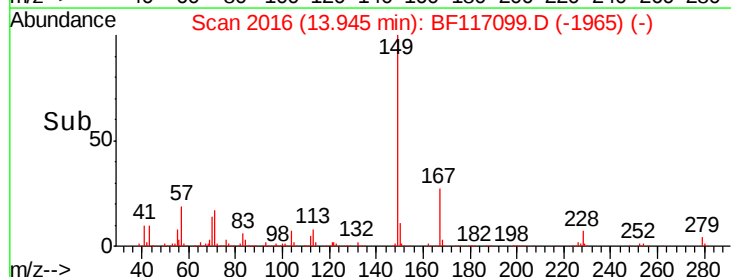
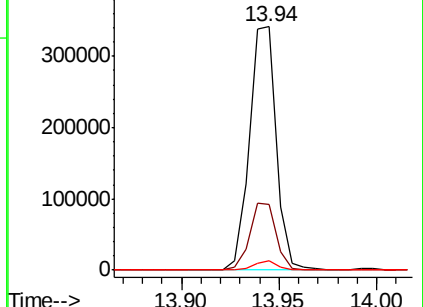
279 3.8 2.8 4.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

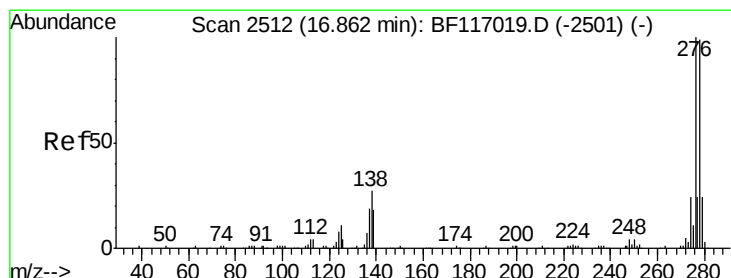
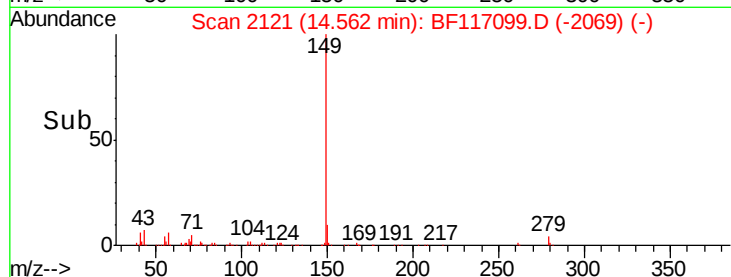
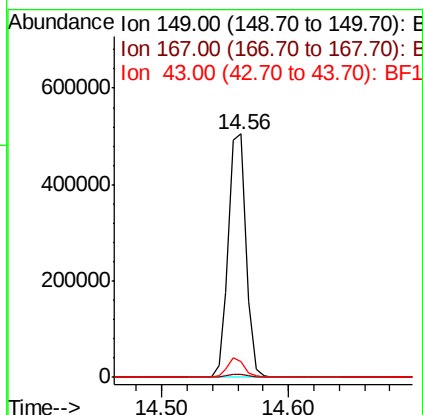
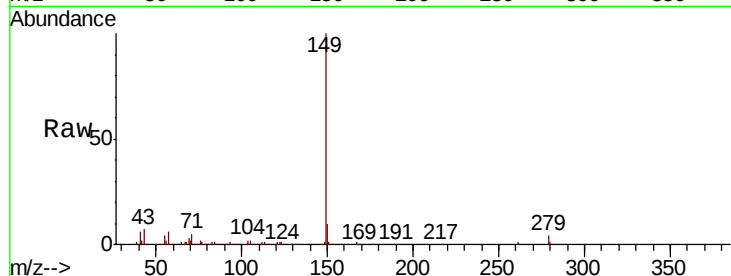




#85
Di-n-octyl phthalate
Concen: 50.481 ng
RT: 14.56 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BF117099.D
Acq: 17 Sep 2019 11:57

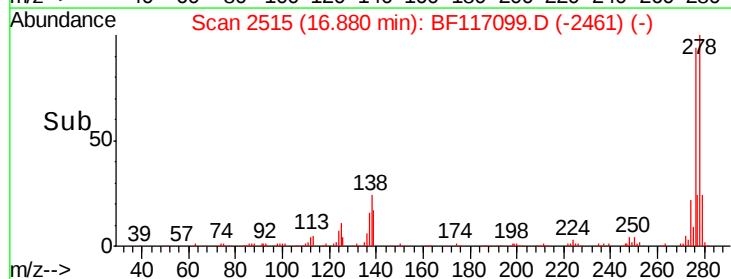
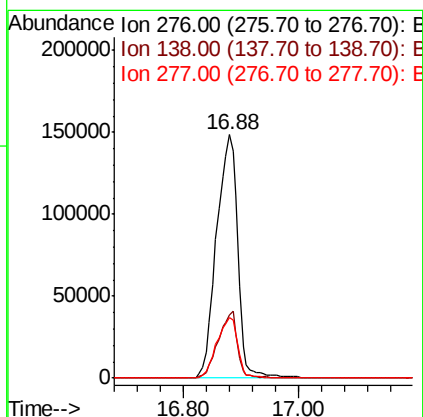
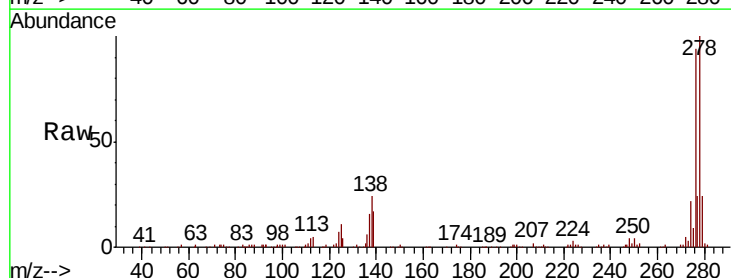
Instrument :
BNA_F
ClientSampleId :

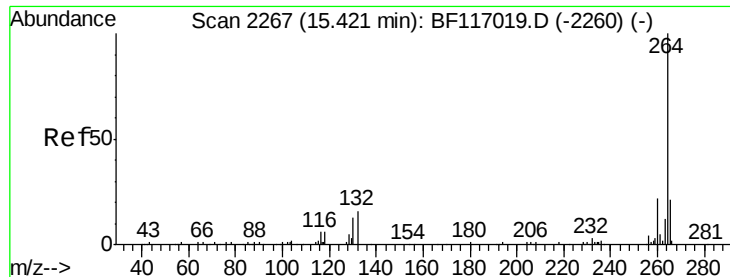
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.4	6.2	9.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 66.384 ng
RT: 16.88 min Scan# 2515
Delta R.T. 0.02 min
Lab File: BF117099.D
Acq: 17 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.8	20.7	31.1
277	24.7	19.8	29.8



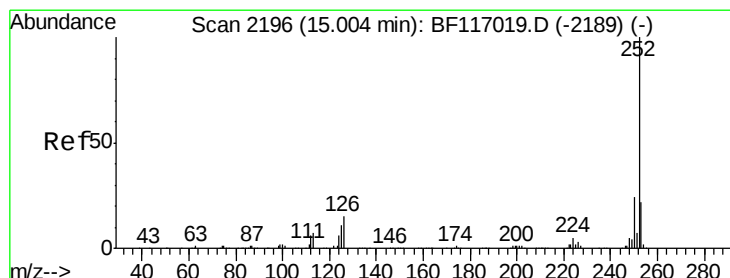
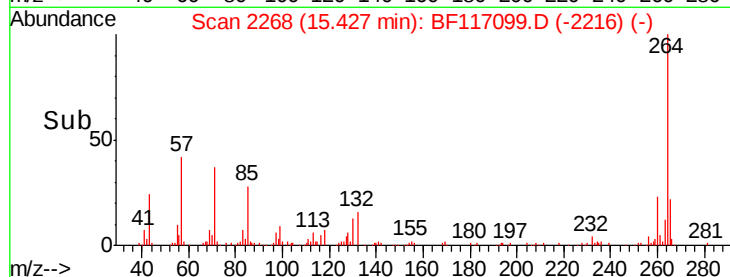
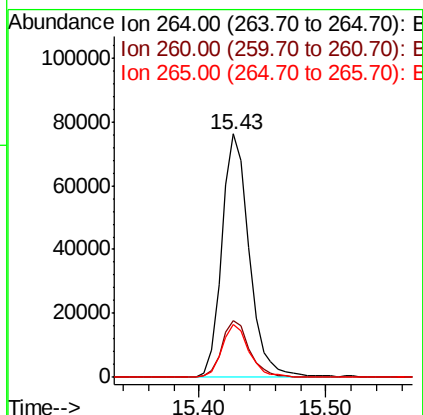
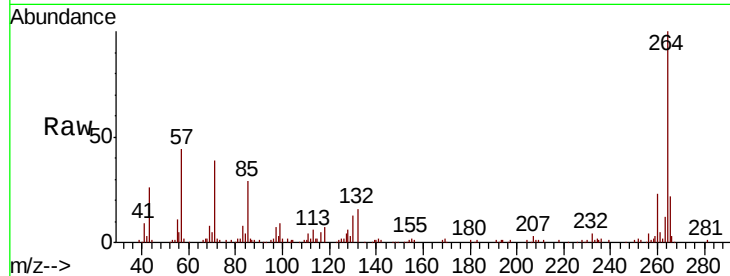


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF117099.D
Acq: 17 Sep 2019 11:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 114202

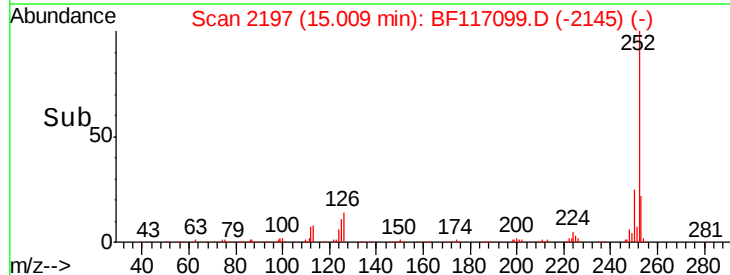
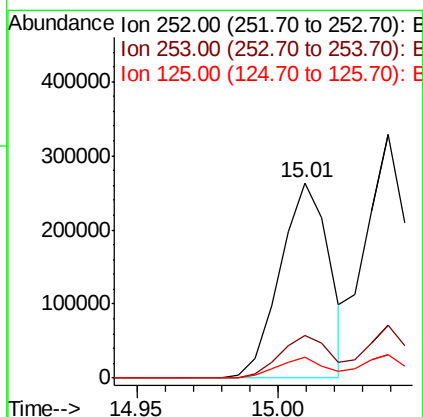
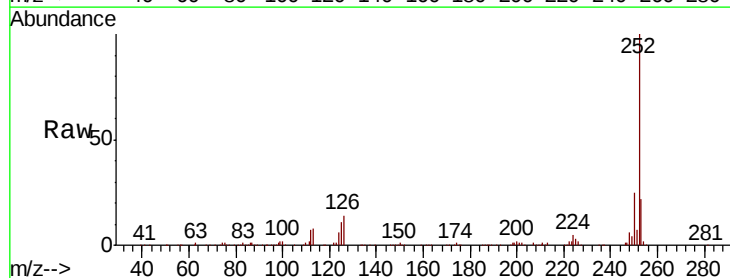
Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.6	26.4
265	21.8	16.6	24.8



#88
Benzo(b)fluoranthene
Concen: 46.085 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF117099.D
Acq: 17 Sep 2019 11:57

Tgt Ion:252 Resp: 318802

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	10.7	8.6	12.8





#89

Benzo(k)fluoranthene

Concen: 52.016 ng

RT: 15.04 min Scan# 2202

Delta R.T. 0.01 min

Lab File: BF117099.D

Acq: 17 Sep 2019 11:57

Instrument :

BNA_F

ClientSampleId :

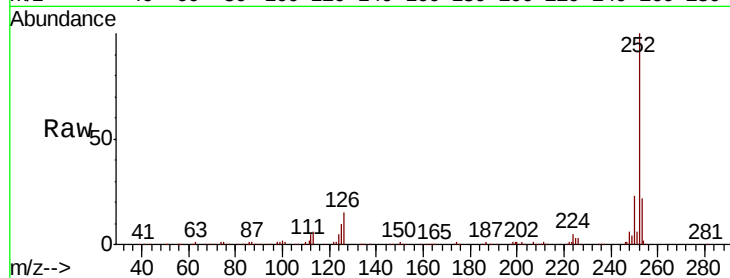
Tot Ion:252 Resp: 340858

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

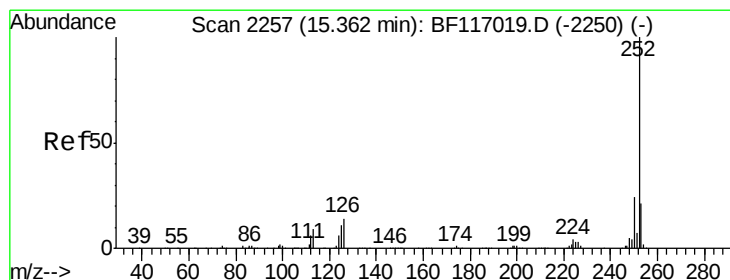
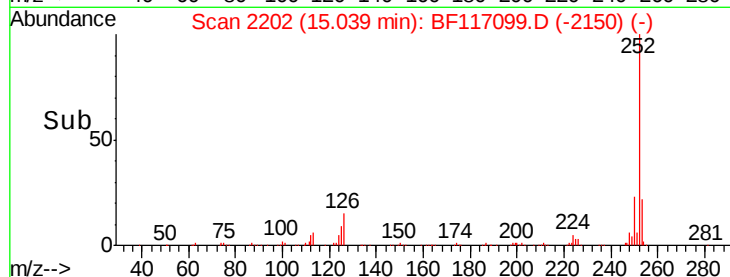
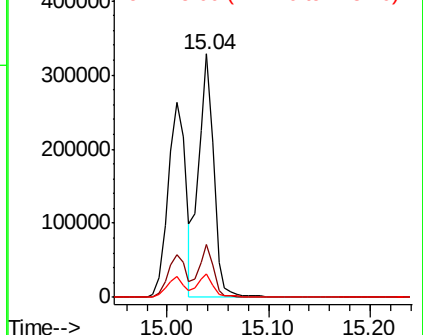
125 9.6 8.8 13.2



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: 53.298 ng

RT: 15.37 min Scan# 2258

Delta R.T. 0.01 min

Lab File: BF117099.D

Acq: 17 Sep 2019 11:57

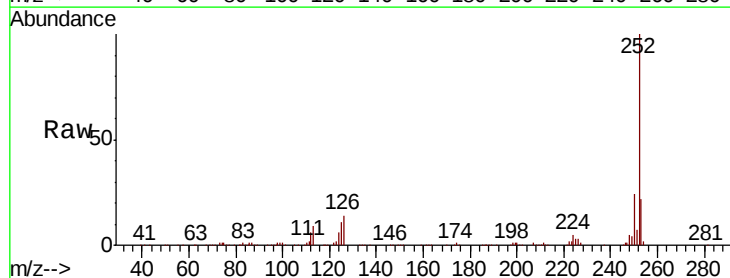
Tgt Ion:252 Resp: 323534

Ion Ratio Lower Upper

252 100

253 22.0 16.6 25.0

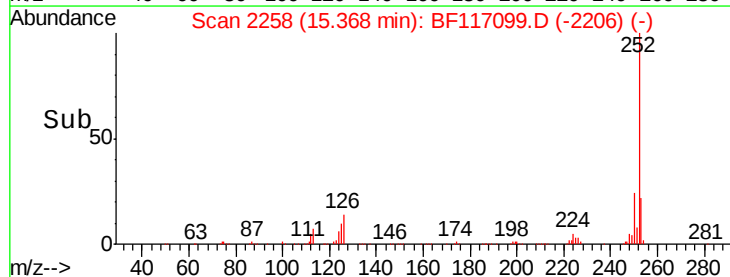
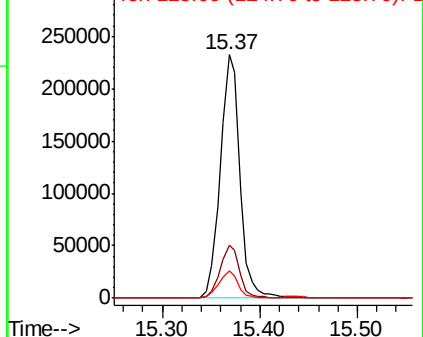
125 11.0 8.9 13.3



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





#91

Dibenzo(a,h)anthracene

Concen: 65.787 ng

RT: 16.89 min Scan# 2516

Delta R.T. 0.02 min

Lab File: BF117099.D

Acq: 17 Sep 2019 11:57

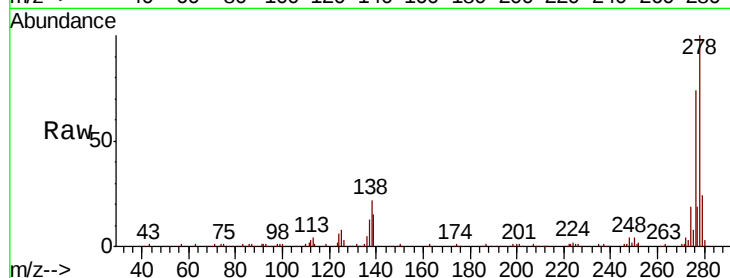
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 318136

Ion	Ratio	Lower	Upper
278	100		
139	15.1	13.5	20.3
279	23.6	18.8	28.2

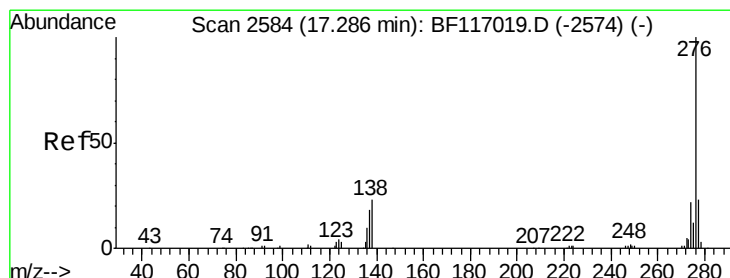
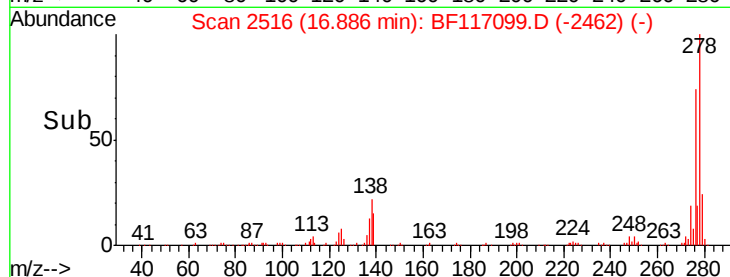
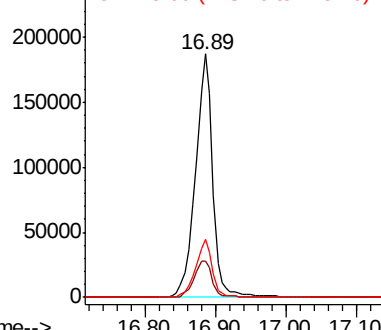


Abundance

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: 66.905 ng

RT: 17.31 min Scan# 2588

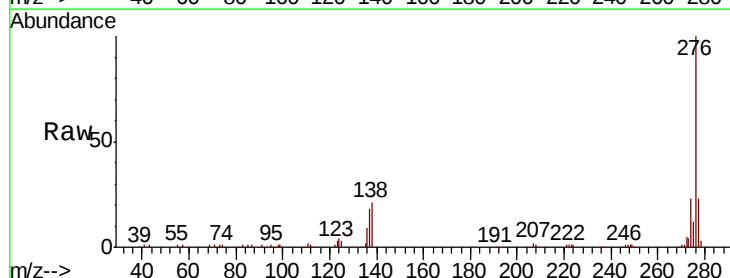
Delta R.T. 0.02 min

Lab File: BF117099.D

Acq: 17 Sep 2019 11:57

Tgt Ion:276 Resp: 322407

Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.6	27.8
138	21.2	18.0	27.0



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

