

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100819\
 Data File : BF117339.D
 Acq On : 8 Oct 2019 14:38
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 09 01:28:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:26:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	46480	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	196993	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	102245	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	164860	20.00	ng	0.00
76) Chrysene-d12	13.97	240	119835	20.00	ng	0.00
87) Perylene-d12	15.43	264	105300	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	240903	80.92	ng	0.00
7) Phenol-d6	6.45	99	315902	82.11	ng	0.00
23) Nitrobenzene-d5	7.37	82	309518	82.56	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	69593	81.44	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	565737	86.51	ng	0.00
79) Terphenyl-d14	12.91	244	562202	87.69	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.53	88	47180	37.872	ng	99
3) Pyridine	3.27	79	125768	36.884	ng	94
4) n-Nitrosodimethylamine	3.22	42	41706	35.641	ng	100
6) Aniline	6.47	93	199568	40.287	ng	# 79
8) 2-Chlorophenol	6.59	128	130953	40.774	ng	98
9) Benzaldehyde	6.36	77	82005	43.477	ng	99
10) Phenol	6.46	94	169887	40.053	ng	76
11) bis(2-Chloroethyl)ether	6.54	93	125912	40.390	ng	99
12) 1,3-Dichlorobenzene	6.75	146	148610	41.235	ng	98
13) 1,4-Dichlorobenzene	6.82	146	152280	41.404	ng	98
14) 1,2-Dichlorobenzene	6.97	146	141670	41.372	ng	98
15) Benzyl Alcohol	6.95	79	122391	41.482	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	135132	43.876	ng	73
17) 2-Methylphenol	7.07	107	111082	41.268	ng	# 91
18) Hexachloroethane	7.31	117	59160	41.812	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	102943	43.939	ng	98
20) 3+4-Methylphenols	7.22	107	141862	42.311	ng	# 87
22) Acetophenone	7.22	105	207628	41.484	ng	97
24) Nitrobenzene	7.39	77	150014	40.517	ng	99
25) Isophorone	7.63	82	268856	40.501	ng	98
26) 2-Nitrophenol	7.70	139	67255	42.289	ng	98
27) 2,4-Dimethylphenol	7.75	122	102933	40.814	ng	97
28) bis(2-Chloroethoxy)methane	7.83	93	174068	42.560	ng	100
29) 2,4-Dichlorophenol	7.96	162	109825	41.560	ng	96
30) 1,2,4-Trichlorobenzene	8.03	180	118316	41.442	ng	100
31) Naphthalene	8.11	128	398665	42.079	ng	98
32) Benzoic acid	7.89	122	52768	30.497	ng	96
33) 4-Chloroaniline	8.16	127	171651	40.849	ng	99
34) Hexachlorobutadiene	8.22	225	69076	42.646	ng	97
35) Caprolactam	8.53	113	35379	39.554	ng	93
36) 4-Chloro-3-methylphenol	8.65	107	122249	39.675	ng	98
37) 2-Methylnaphthalene	8.80	142	268928	42.153	ng	97
38) 1-Methylnaphthalene	8.90	142	252803	42.309	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	111448	42.211	ng	98

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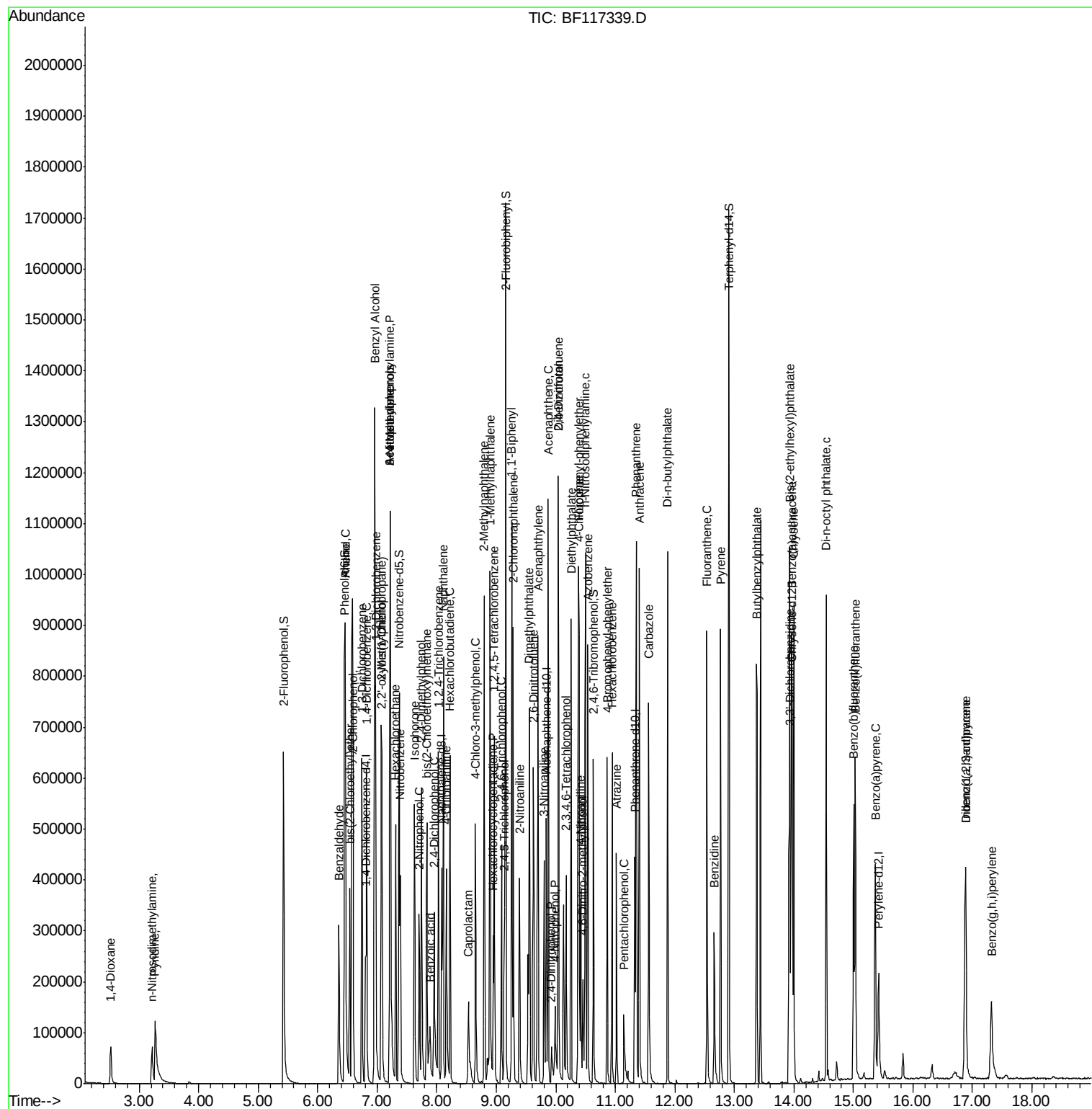
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	34989	34.887	ng	98
43) 2,4,6-Trichlorophenol	9.09	196	68541	38.254	ng	94
44) 2,4,5-Trichlorophenol	9.13	196	69437	36.272	ng	96
46) 1,1'-Biphenyl	9.26	154	335181	41.793	ng	99
47) 2-Chloronaphthalene	9.29	162	260493	41.155	ng	99
48) 2-Nitroaniline	9.39	65	83138	40.950	ng	89
49) Acenaphthylene	9.70	152	387637	40.881	ng	99
50) Dimethylphthalate	9.56	163	293475	40.538	ng	100
51) 2,6-Dinitrotoluene	9.63	165	62269	42.232	ng #	85
52) Acenaphthene	9.87	154	229875	40.897	ng	98
53) 3-Nitroaniline	9.80	138	74783	40.199	ng	99
54) 2,4-Dinitrophenol	9.93	184	21667	39.300	ng	97
55) Dibenzofuran	10.05	168	342830	41.339	ng	100
56) 4-Nitrophenol	9.99	139	38602	32.017	ng	93
57) 2,4-Dinitrotoluene	10.04	165	82942	43.336	ng #	87
58) Fluorene	10.39	166	285000	42.662	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	55251	37.716	ng	96
60) Diethylphthalate	10.26	149	301857	42.382	ng	98
61) 4-Chlorophenyl-phenylether	10.37	204	126487	43.762	ng	96
62) 4-Nitroaniline	10.42	138	78095	40.367	ng	94
63) Azobenzene	10.54	77	303740	41.755	ng	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	30799	42.007	ng	89
66) n-Nitrosodiphenylamine	10.50	169	247718	43.508	ng	98
67) 4-Bromophenyl-phenylether	10.87	248	71486	42.460	ng	91
68) Hexachlorobenzene	10.94	284	75588	41.048	ng	98
69) Atrazine	11.02	200	51552	34.067	ng	94
70) Pentachlorophenol	11.14	266	29636	34.333	ng	87
71) Phenanthrene	11.35	178	391863	41.848	ng	99
72) Anthracene	11.40	178	405400	42.406	ng	98
73) Carbazole	11.56	167	370950	40.879	ng	99
74) Di-n-butylphthalate	11.88	149	496720	46.008	ng	98
75) Fluoranthene	12.54	202	402161	41.798	ng	98
77) Benzidine	12.66	184	153167	39.679	ng	98
78) Pyrene	12.77	202	406519	40.429	ng	98
80) Butylbenzylphthalate	13.37	149	205346	43.220	ng	97
81) Benzo(a)anthracene	13.96	228	328182	40.990	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	104928	40.670	ng	99
83) Chrysene	14.00	228	323412	41.417	ng	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	284160	46.386	ng	98
85) Di-n-octyl phthalate	14.54	149	440673	45.704	ng	100
86) Indeno(1,2,3-cd)pyrene	16.89	276	207190	36.368	ng	99
88) Benzo(b)fluoranthene	15.00	252	271601	42.581	ng	98
89) Benzo(k)fluoranthene	15.03	252	237513	39.310	ng	98
90) Benzo(a)pyrene	15.37	252	230894	41.252	ng	99
91) Dibenzo(a,h)anthracene	16.89	278	172415	38.668	ng	98
92) Benzo(g,h,i)perylene	17.32	276	156483	35.218	ng	99

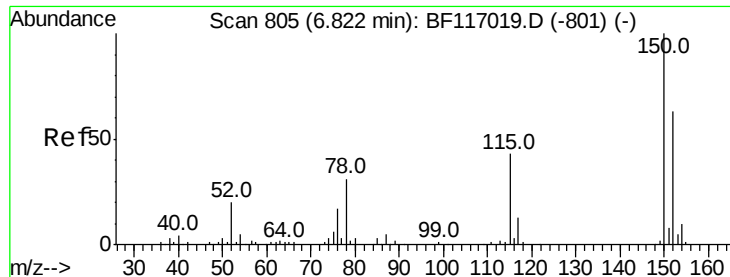
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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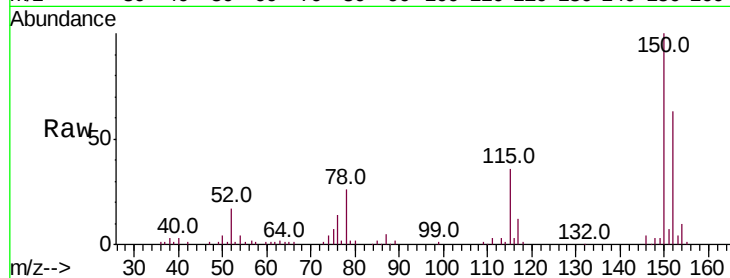


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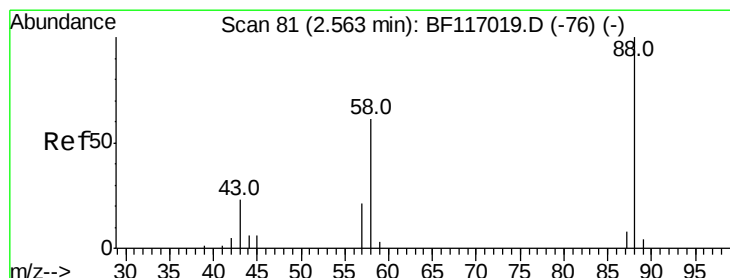
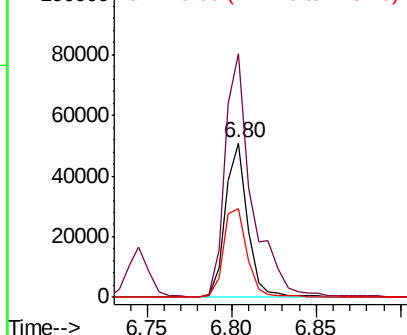
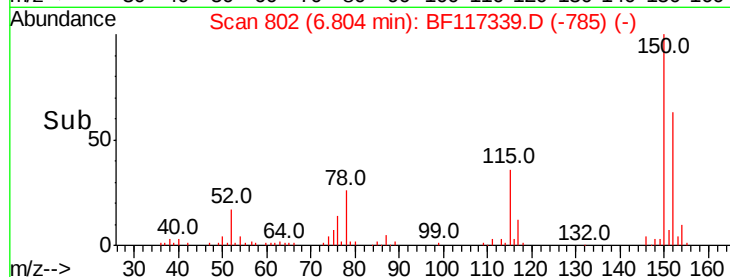
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF117339.D
Acq: 8 Oct 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 46480
Ion Ratio Lower Upper
152 100
150 157.6 127.5 191.3
115 57.5 55.0 82.4



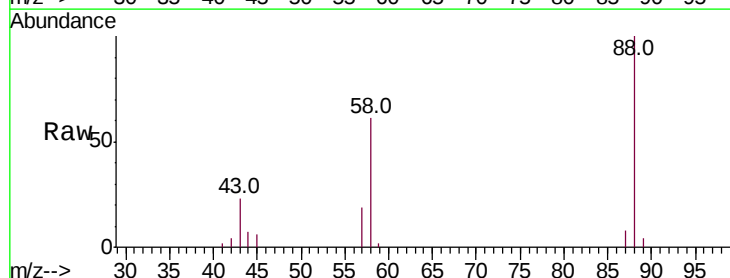
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



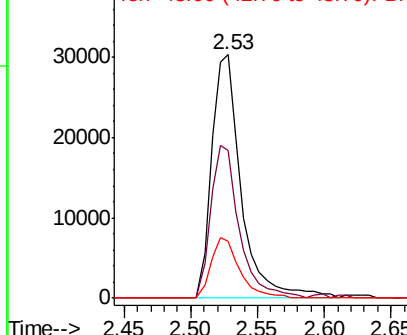
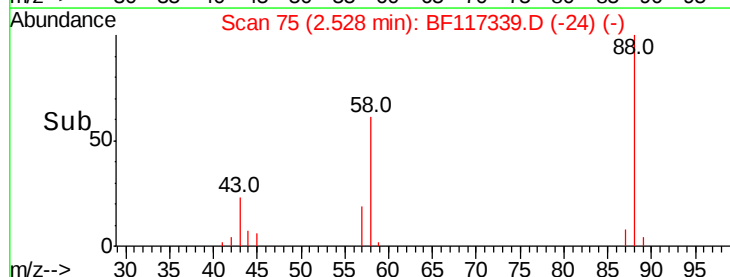
#2

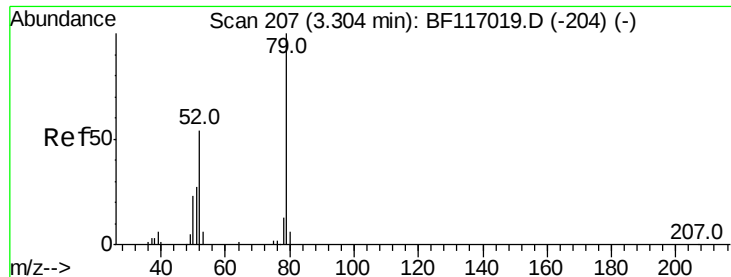
1,4-Dioxane
Concen: 37.872 ng
RT: 2.53 min Scan# 75
Delta R.T. 0.00 min
Lab File: BF117339.D
Acq: 8 Oct 2019 14:38

Tgt Ion: 88 Resp: 47180
Ion Ratio Lower Upper
88 100
58 60.6 49.3 73.9
43 23.8 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: 36.884 ng

RT: 3.27 min Scan# 201

Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

Instrument :

BNA_F

ClientSampleId :

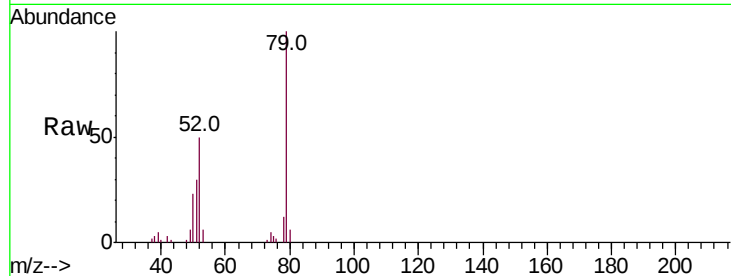
Tot Ion: 79 Resp: 125768

Ion Ratio Lower Upper

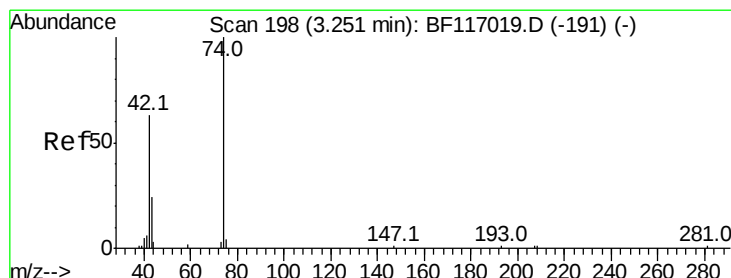
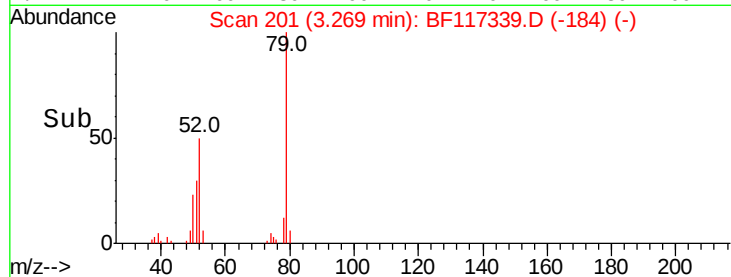
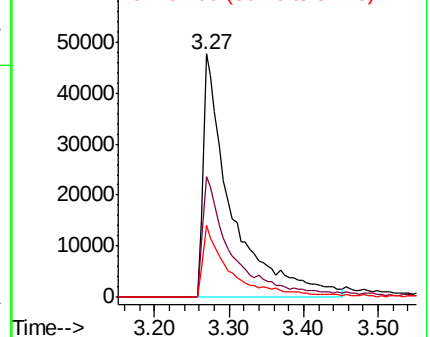
79 100

52 49.8 43.5 65.3

51 29.6 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: 35.641 ng

RT: 3.22 min Scan# 192

Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

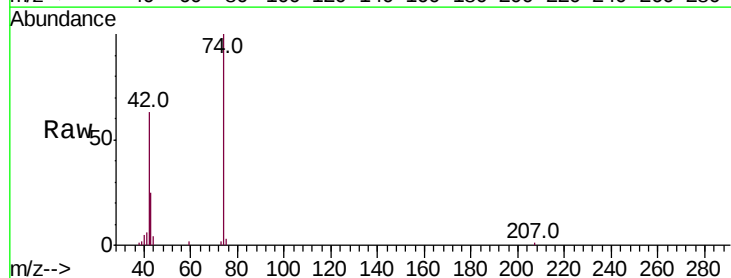
Tgt Ion: 42 Resp: 41706

Ion Ratio Lower Upper

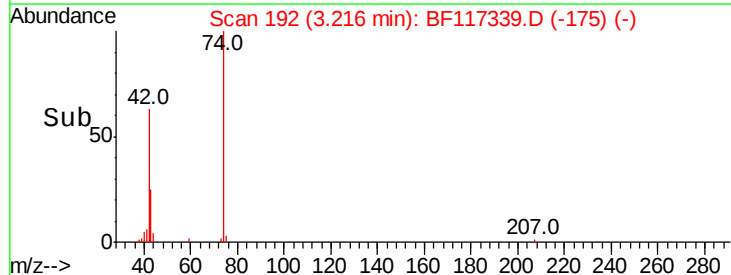
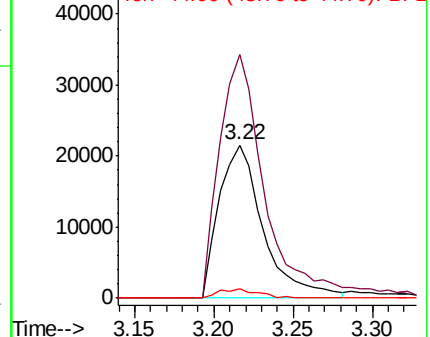
42 100

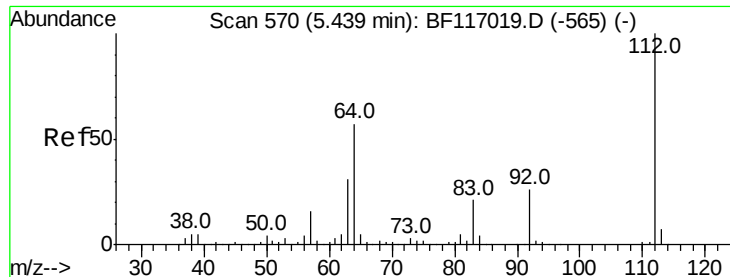
74 159.1 127.1 190.7

44 5.7 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

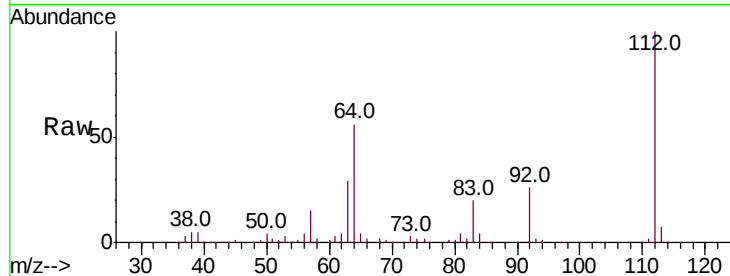




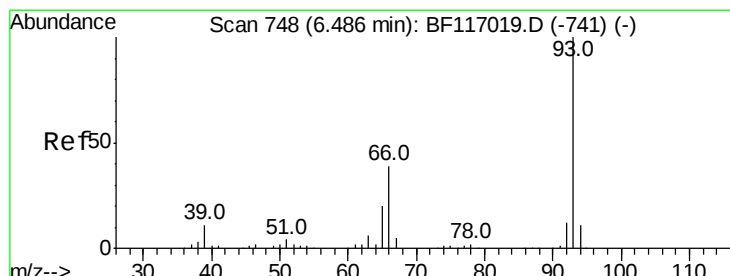
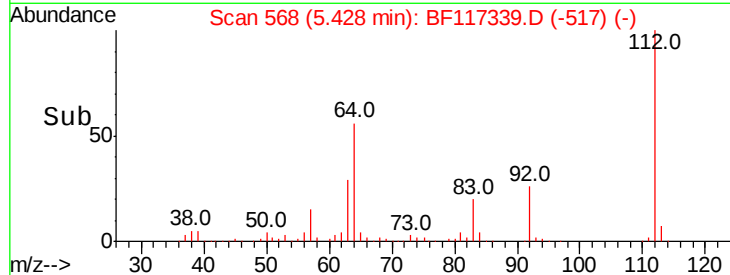
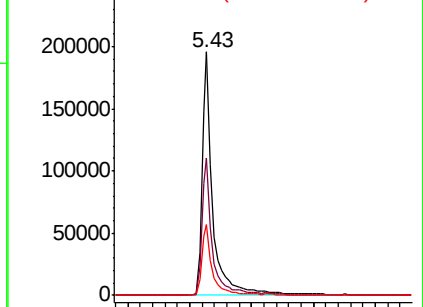
#5
 2-Fluorophenol
 Concen: 80.919 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: BF117339.D
 Acq: 8 Oct 2019 14:38

Instrument :
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 ClientSampleId :

Tot Ion:112 Resp: 240903
 Ion Ratio Lower Upper
 112 100
 64 56.4 45.7 68.5
 63 29.2 24.9 37.3

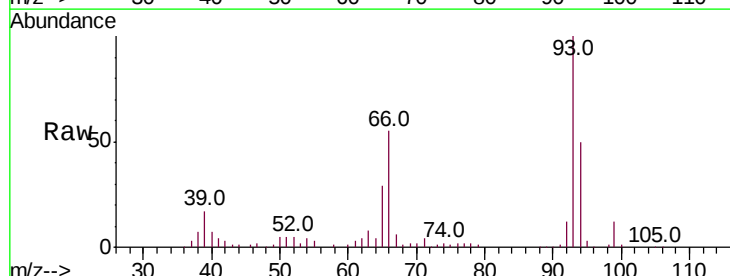


Abundance Ion 112.00 (111.70 to 112.70): BF1
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

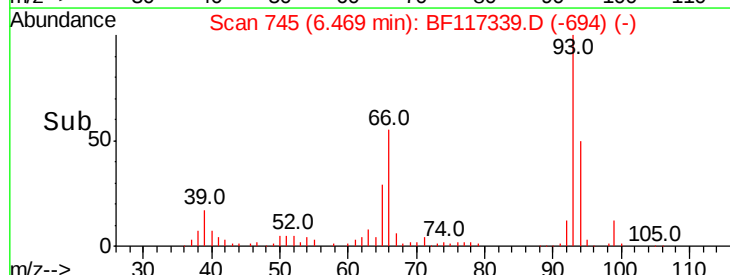
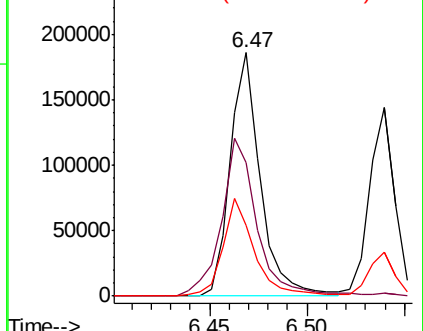


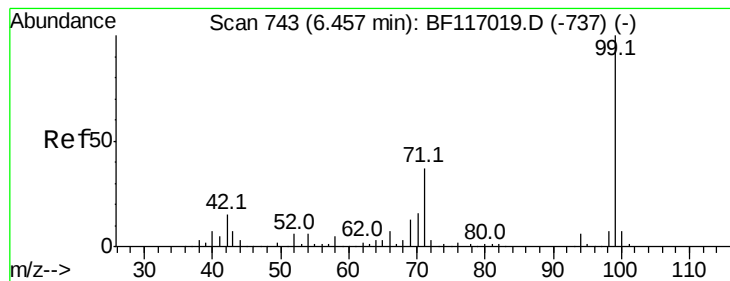
#6
 Aniline
 Concen: 40.287 ng
 RT: 6.47 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF117339.D
 Acq: 8 Oct 2019 14:38

Tgt Ion: 93 Resp: 199568
 Ion Ratio Lower Upper
 93 100
 66 54.9 32.6 49.0#
 65 29.0 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: 82.106 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

Instrument :

BNA_F

ClientSampleId :

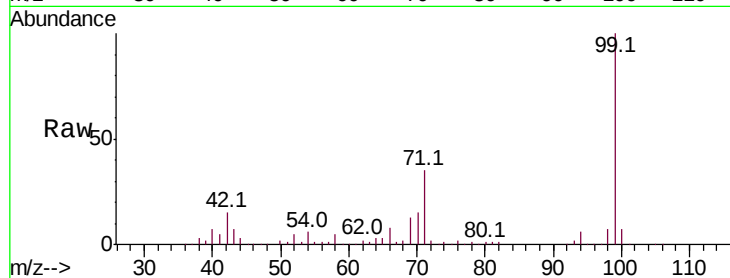
Tot Ion: 99 Resp: 315902

Ion Ratio Lower Upper

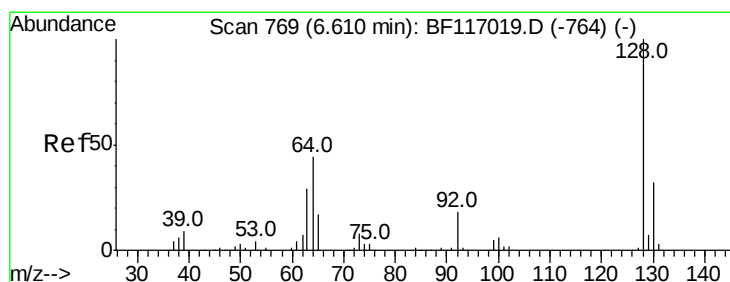
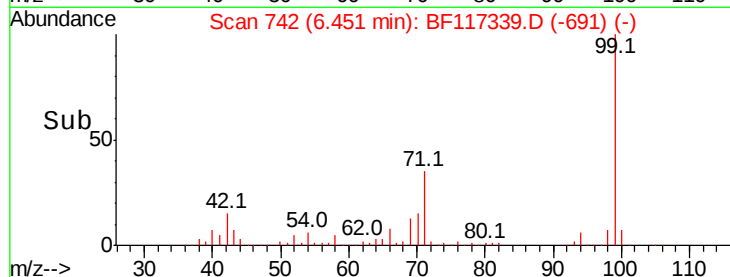
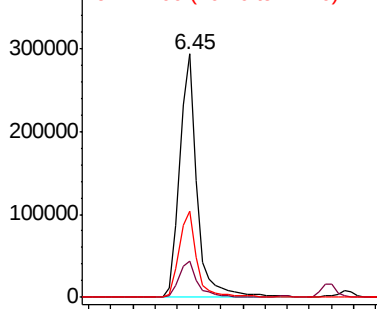
99 100

42 14.7 12.2 18.2

71 35.2 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: 40.774 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

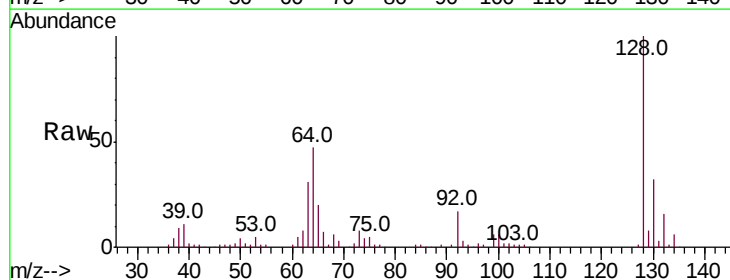
Tgt Ion: 128 Resp: 130953

Ion Ratio Lower Upper

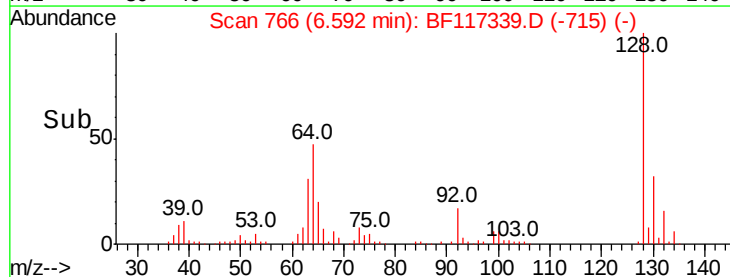
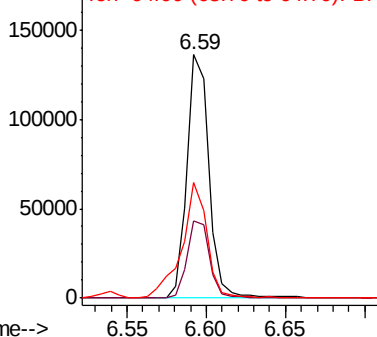
128 100

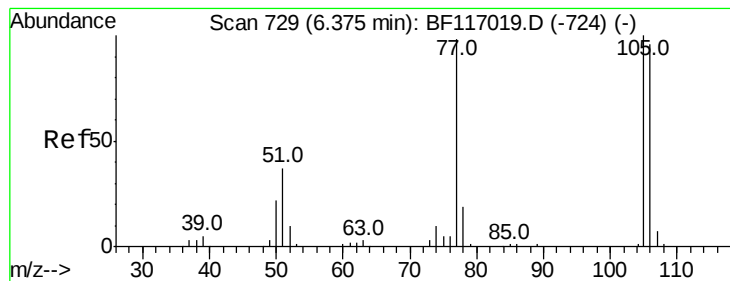
130 32.0 11.8 51.8

64 47.3 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: 43.477 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

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ClientSampled :

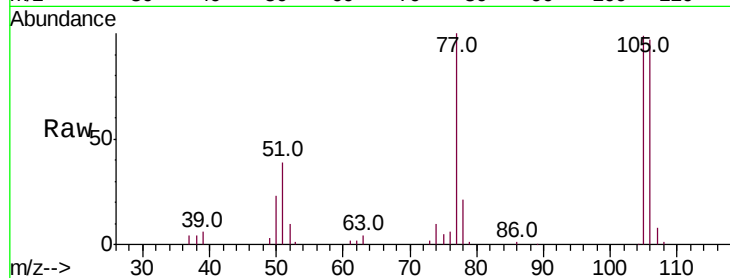
Tot Ion: 77 Resp: 82005

Ion Ratio Lower Upper

77 100

105 99.3 81.8 121.8

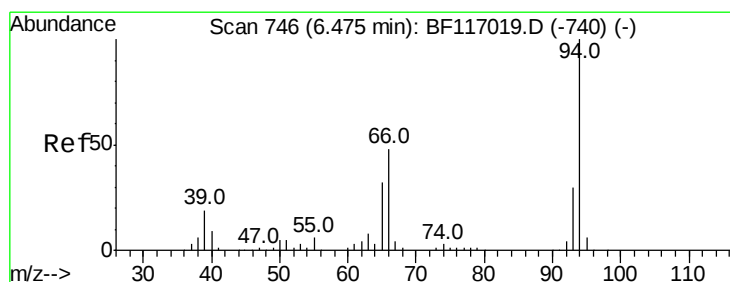
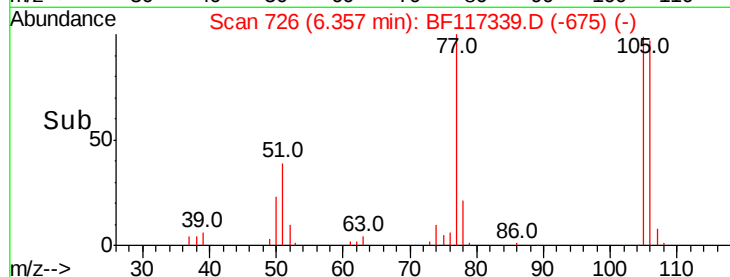
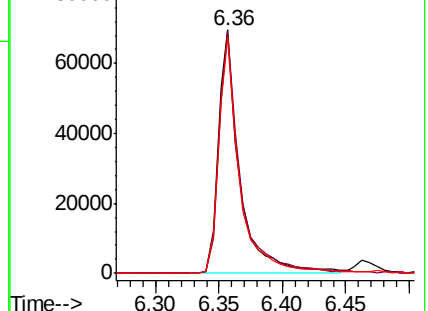
106 97.1 77.3 117.3



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: 40.053 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

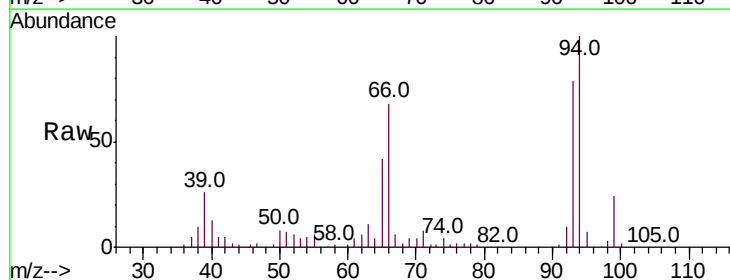
Tgt Ion: 94 Resp: 169887

Ion Ratio Lower Upper

94 100

65 42.1 12.5 52.5

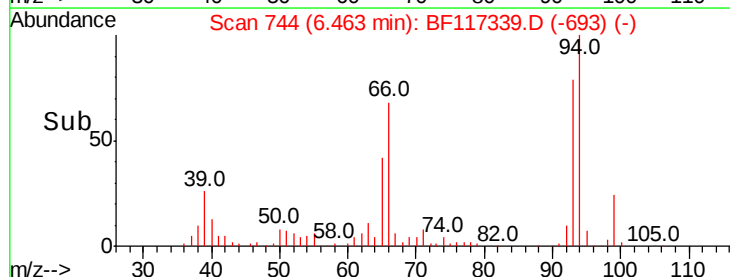
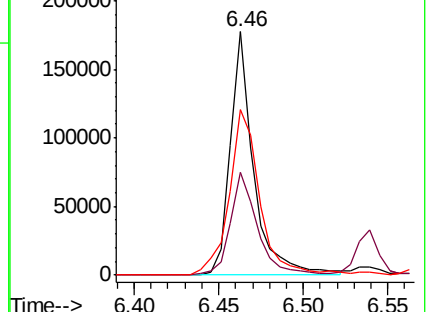
66 68.0 28.9 68.9

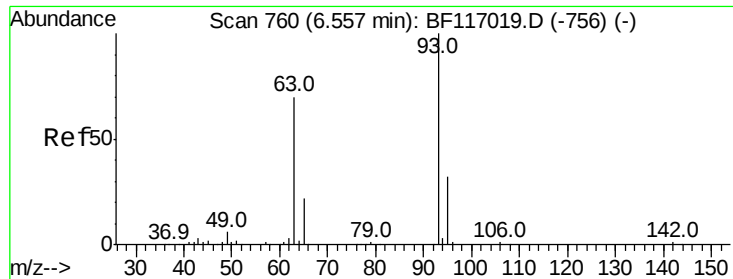


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

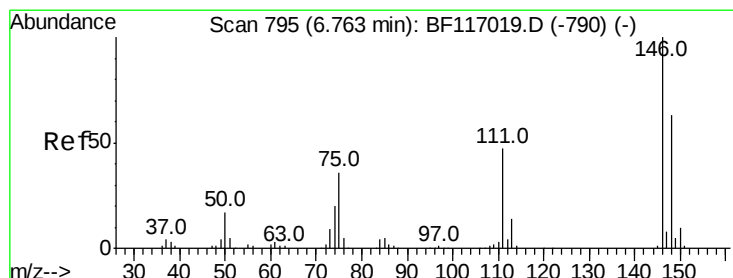
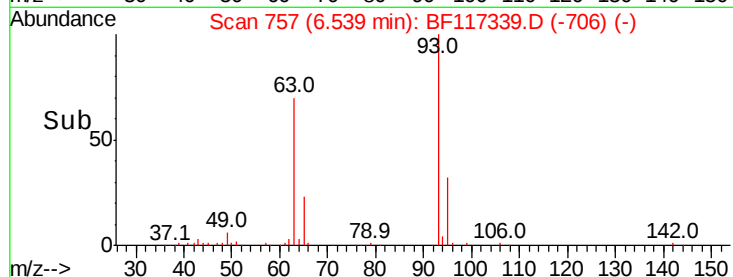
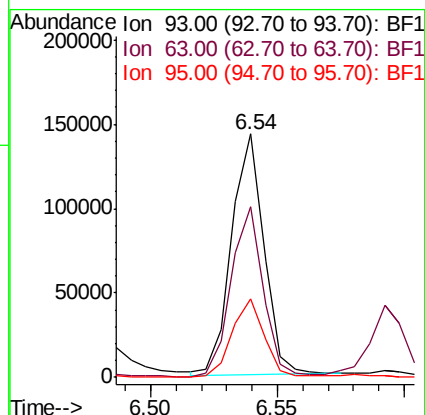
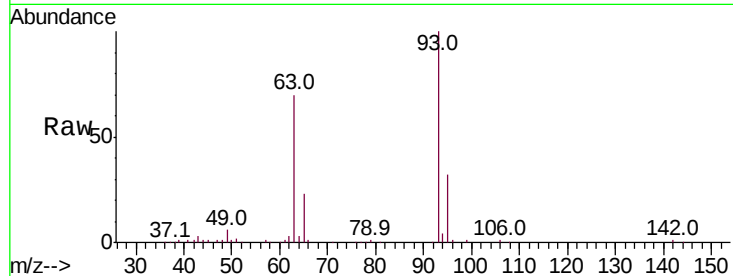




#11
bis(2-Chloroethyl)ether
Concen: 40.390 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF117339.D
Acq: 8 Oct 2019 14:38

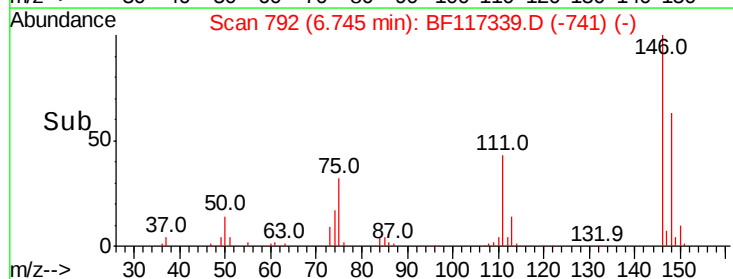
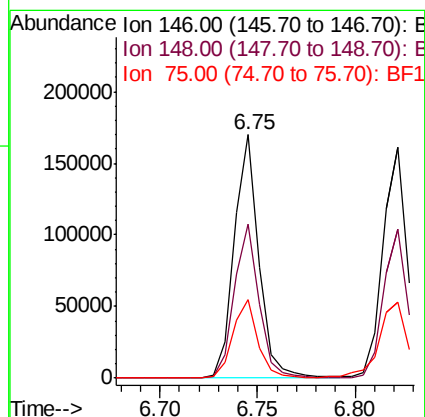
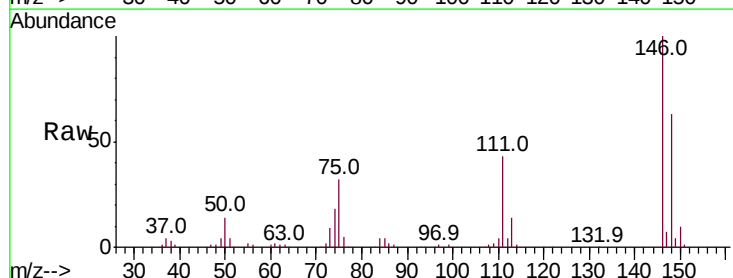
Instrument :
BNA_F
ClientSampleId :

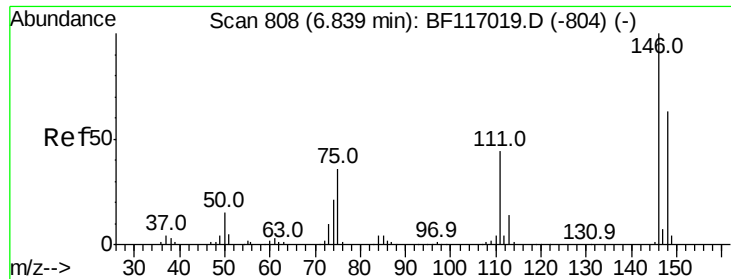
Tot Ion: 93 Resp: 125912
Ion Ratio Lower Upper
93 100
63 70.2 49.3 89.3
95 32.1 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 41.235 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF117339.D
Acq: 8 Oct 2019 14:38

Tgt Ion: 146 Resp: 148610
Ion Ratio Lower Upper
146 100
148 63.3 50.8 76.2
75 32.2 28.7 43.1

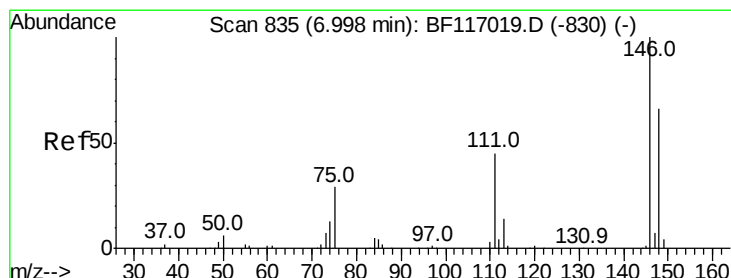
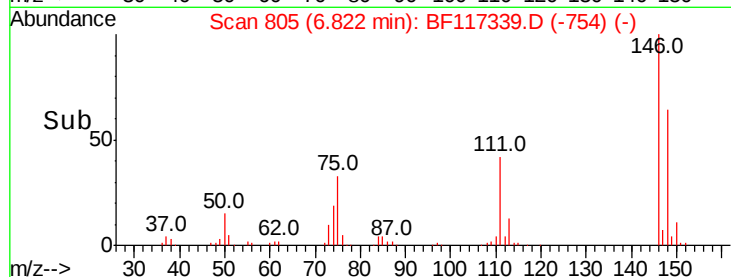
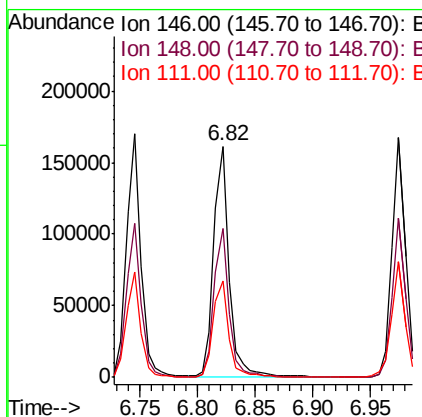
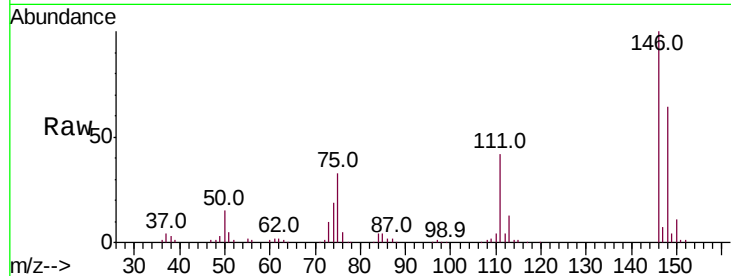




#13
 1,4-Dichlorobenzene
 Concen: 41.404 ng
 RT: 6.82 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF117339.D
 Acq: 8 Oct 2019 14:38

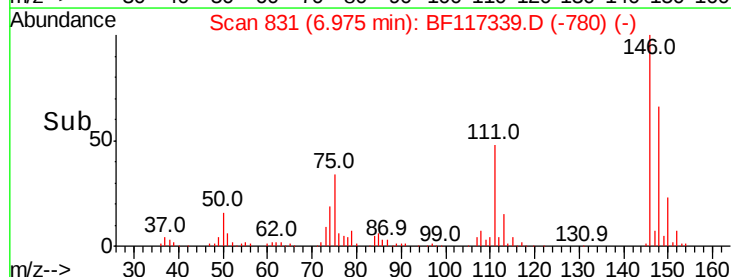
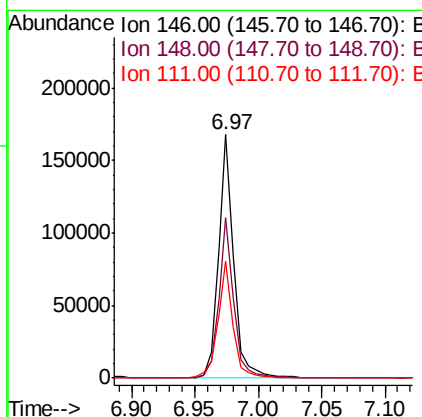
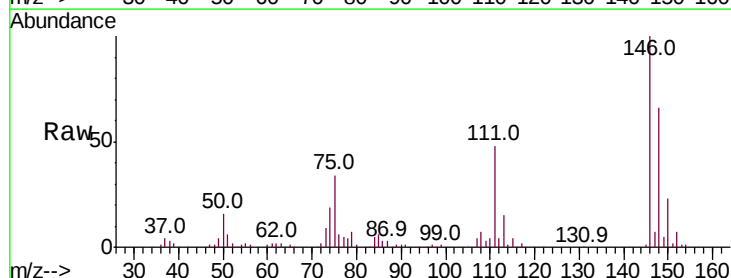
Instrument :
 BNA_F
 ClientSampled :

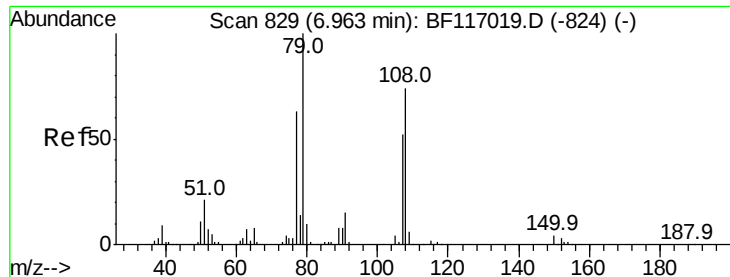
Tot Ion:146 Resp: 152280
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.6 76.0
 111 41.7 35.0 52.6



#14
 1,2-Dichlorobenzene
 Concen: 41.372 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF117339.D
 Acq: 8 Oct 2019 14:38

Tgt Ion:146 Resp: 141670
 Ion Ratio Lower Upper
 146 100
 148 66.0 52.6 78.8
 111 48.0 36.2 54.2





#15

Benzyl Alcohol

Concen: 41.482 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

Instrument :

BNA_F

ClientSampled :

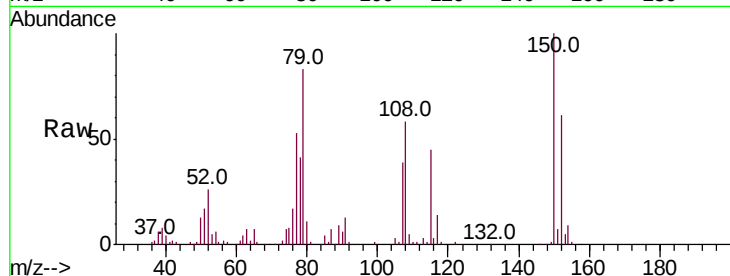
Tot Ion: 79 Resp: 122391

Ion Ratio Lower Upper

79 100

108 70.3 59.4 89.0

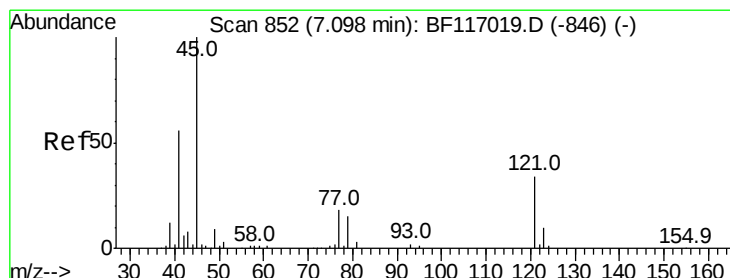
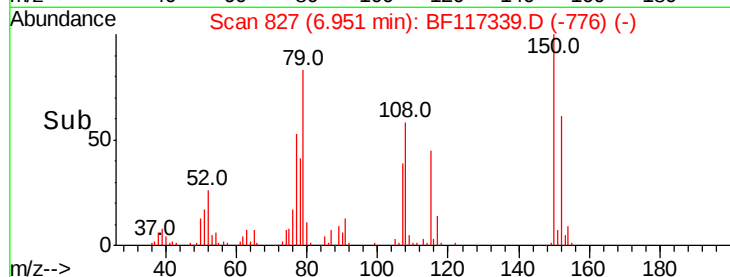
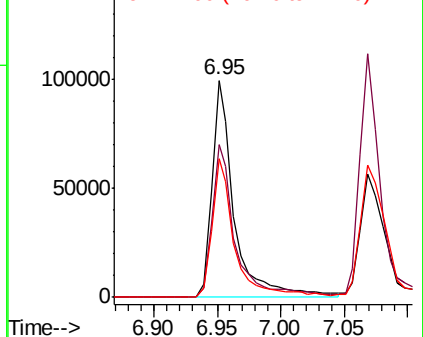
77 63.8 50.2 75.2



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: 43.876 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

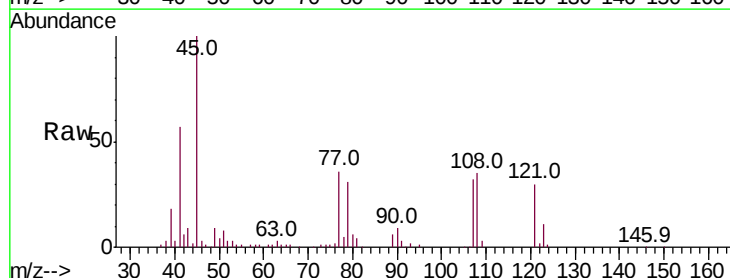
Tgt Ion: 45 Resp: 135132

Ion Ratio Lower Upper

45 100

77 35.9 2.7 42.7

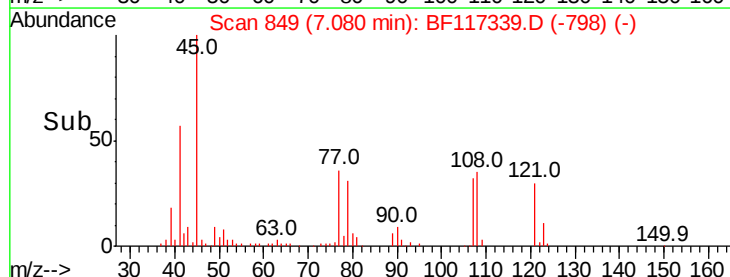
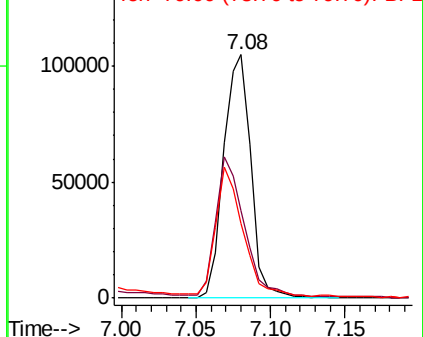
79 30.9 0.0 38.9

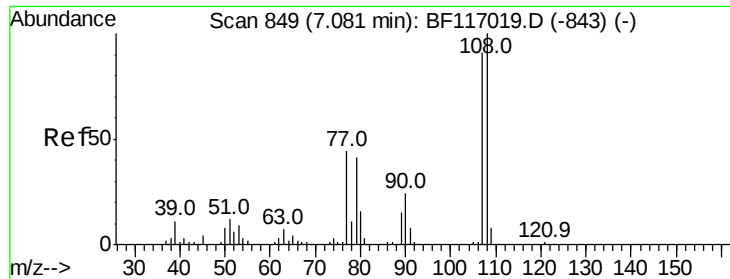


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

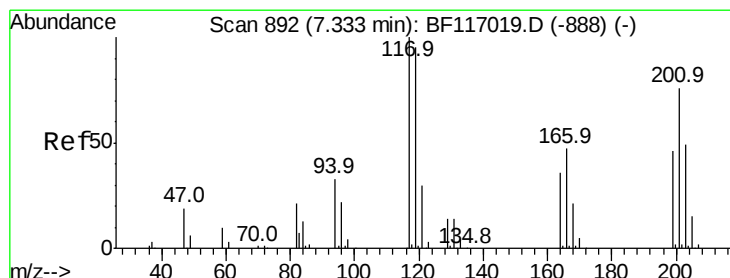
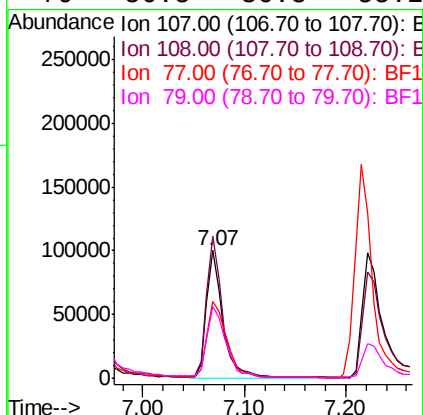
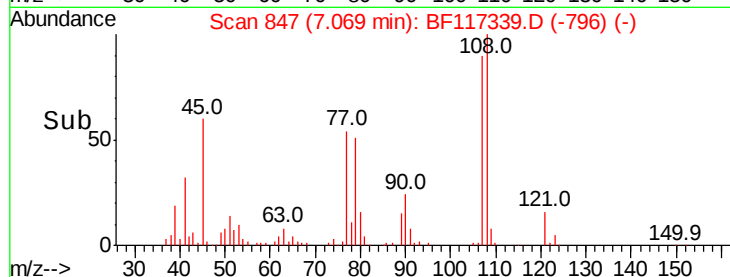
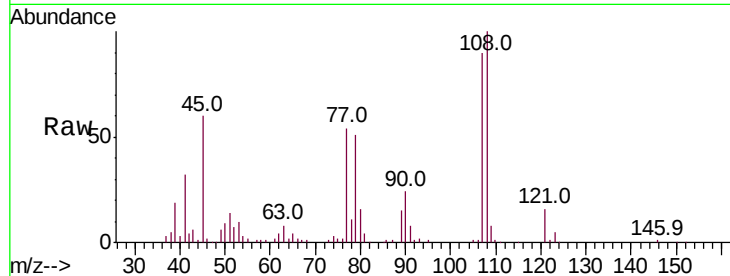




#17
2-Methylphenol
Concen: 41.268 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF117339.D
Acq: 8 Oct 2019 14:38

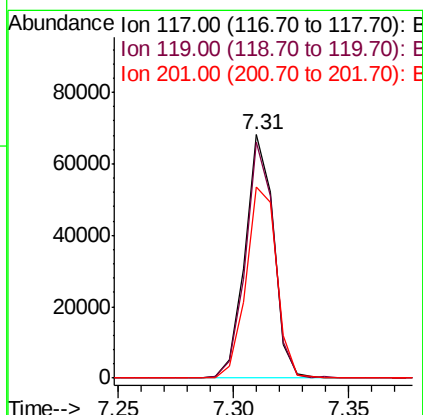
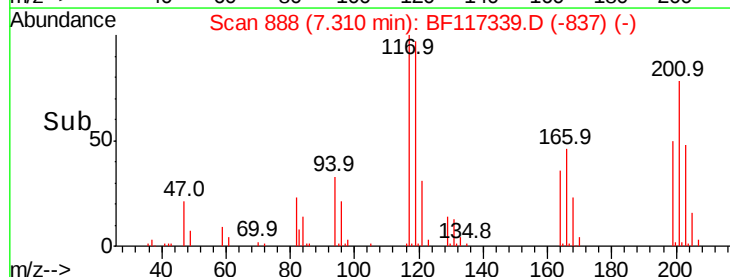
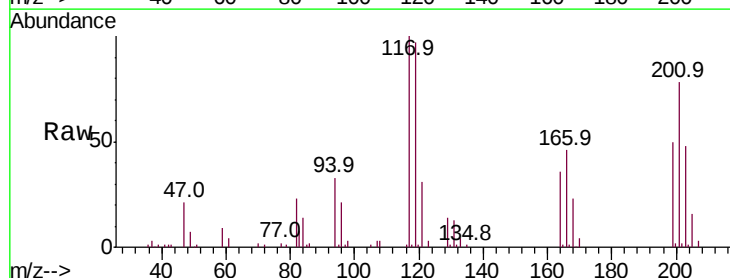
Instrument :
BNA_F
ClientSampleId :

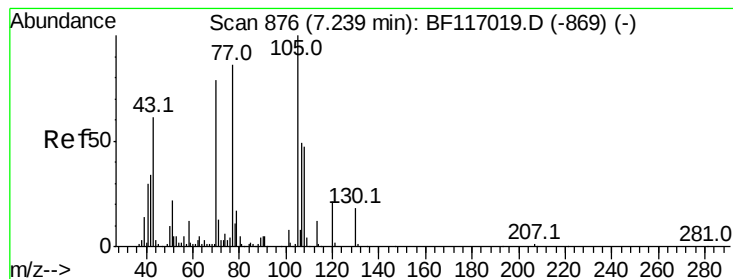
Tot Ion:107 Resp: 111082
Ion Ratio Lower Upper
107 100
108 111.6 87.7 131.5
77 60.6 38.6 58.0#
79 56.5 36.8 55.2#



#18
Hexachloroethane
Concen: 41.812 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF117339.D
Acq: 8 Oct 2019 14:38

Tgt Ion:117 Resp: 59160
Ion Ratio Lower Upper
117 100
119 96.8 75.8 113.8
201 78.3 60.9 91.3





#19

n-Nitroso-di-n-propylamine

Concen: 43.939 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 102943

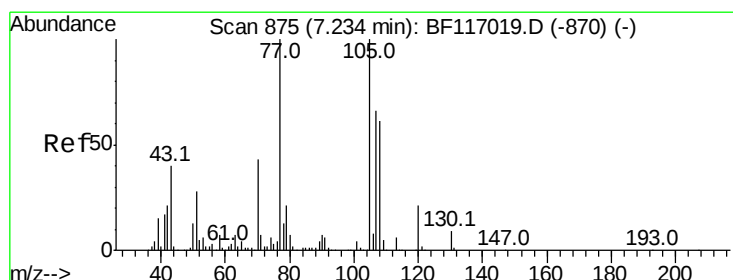
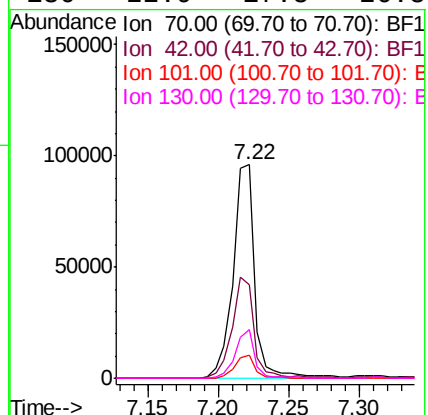
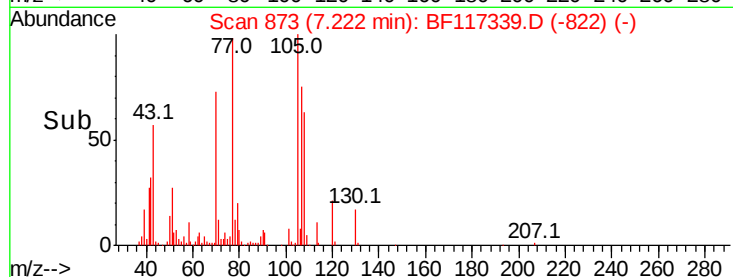
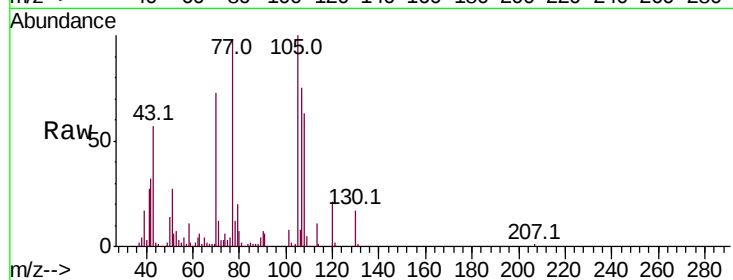
Ion Ratio Lower Upper

70 100

42 43.6 34.0 51.0

101 10.6 7.8 11.6

130 22.9 17.8 26.8



#20

3+4-Methylphenols

Concen: 42.311 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

Tgt Ion: 107 Resp: 141862

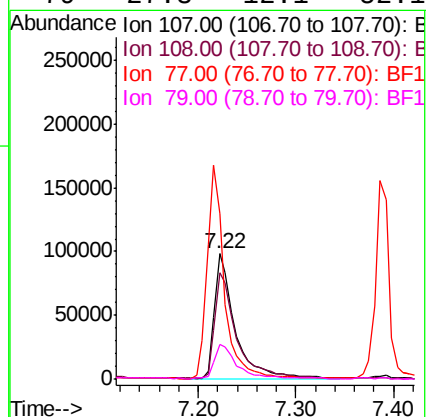
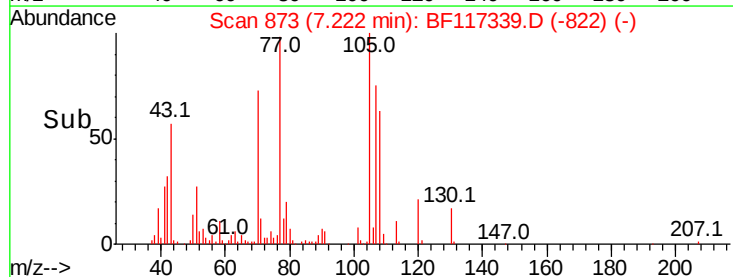
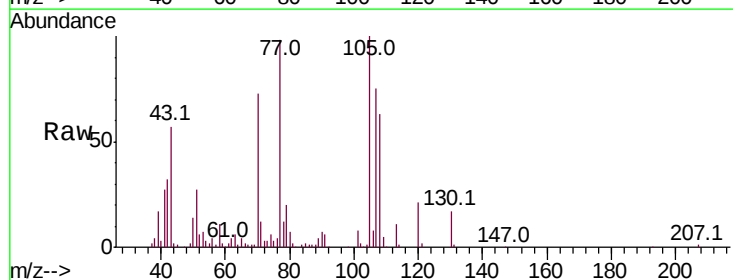
Ion Ratio Lower Upper

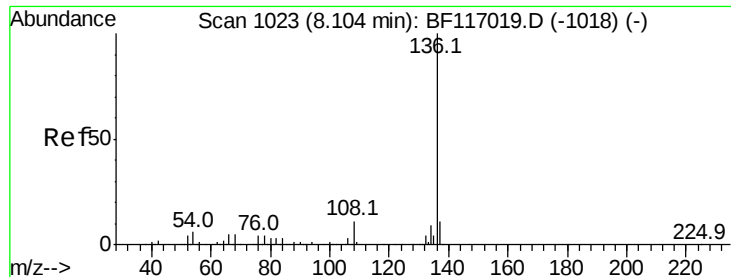
107 100

108 84.7 72.6 112.6

77 131.6 132.1 172.1#

79 27.3 12.1 52.1

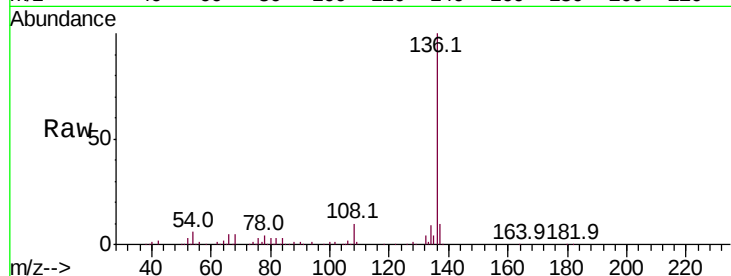




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF117339.D
Acq: 8 Oct 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	196993
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.0	13.4
54	5.7	4.5	6.7
68	4.6	4.0	6.0



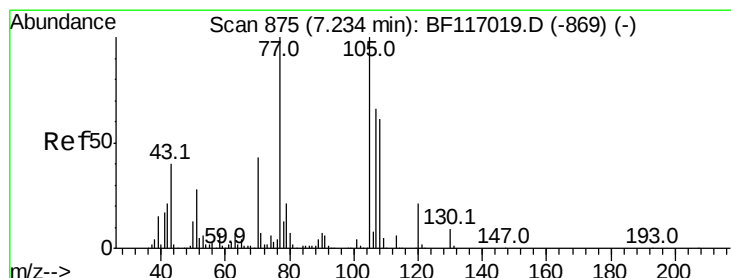
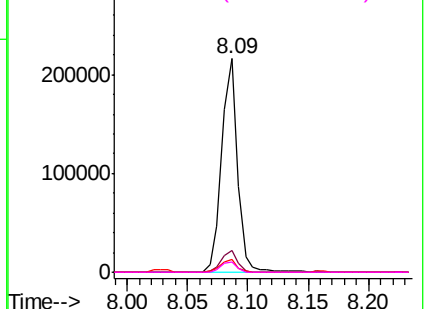
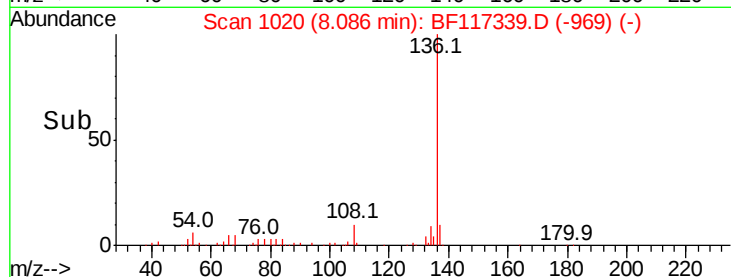
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

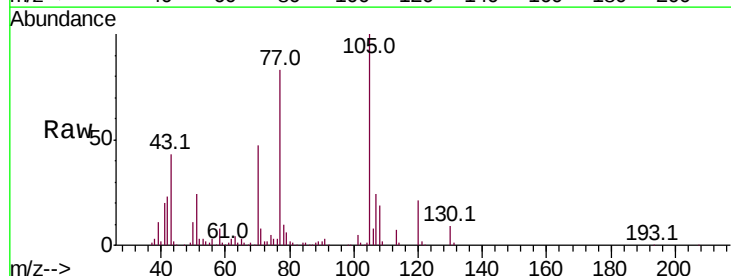
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 41.484 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF117339.D
Acq: 8 Oct 2019 14:38

Tgt Ion:	105	Resp:	207628
Ion	Ratio	Lower	Upper
105	100		
71	7.8	5.7	8.5
51	24.4	22.1	33.1
120	21.3	17.1	25.7



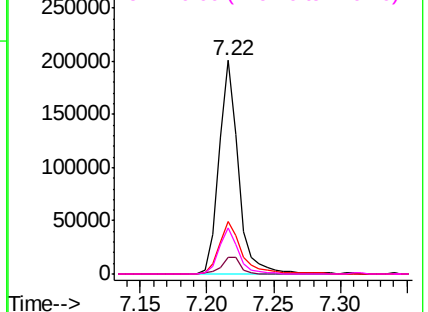
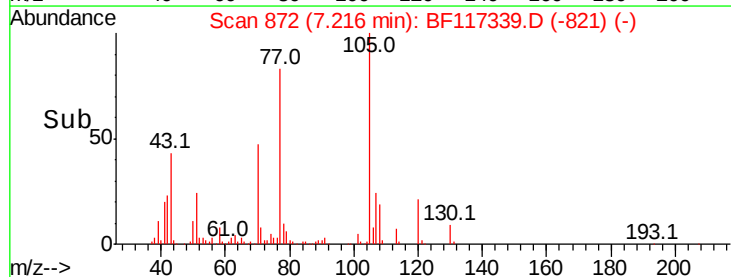
Abundance

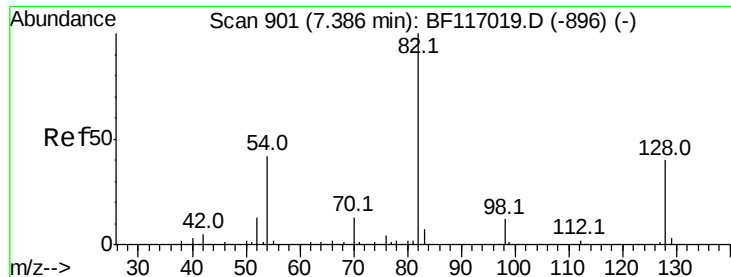
Ion 105.00 (104.70 to 105.70): E

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

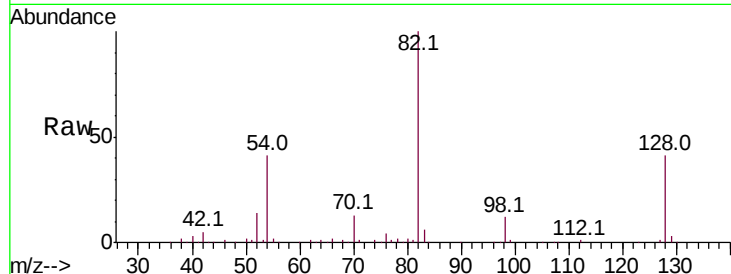




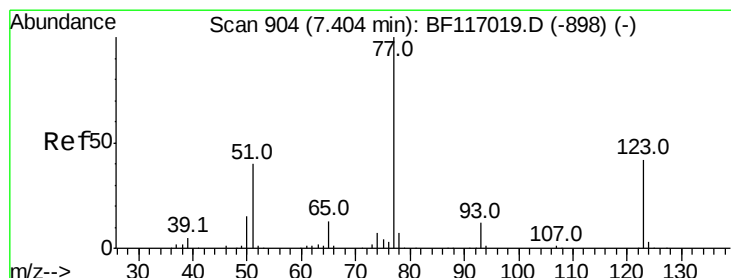
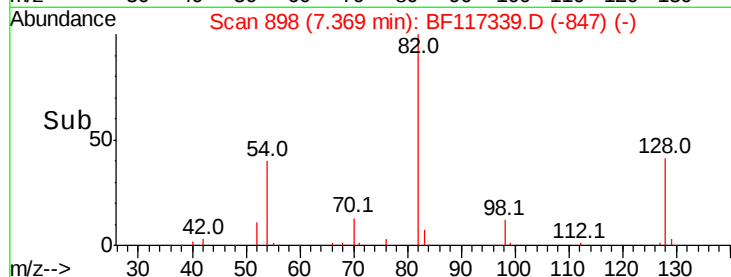
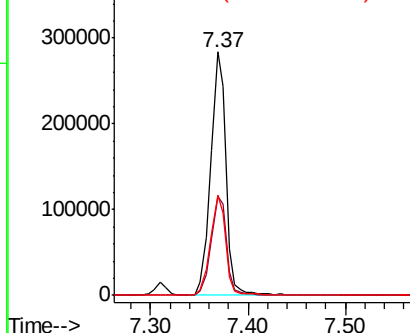
#23
Nitrobenzene-d5
Concen: 82.555 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF117339.D
Acq: 8 Oct 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	309518
Ion Ratio	100	Lower	Upper
128	40.9	32.3	48.5
54	40.9	33.3	49.9

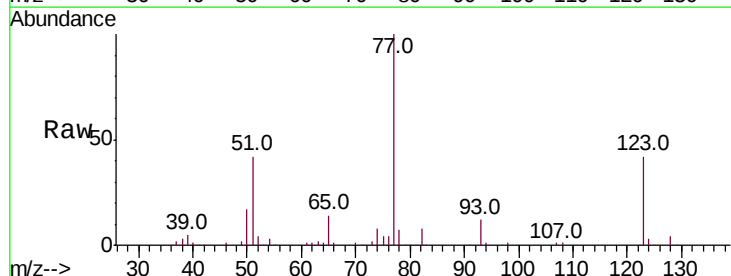


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

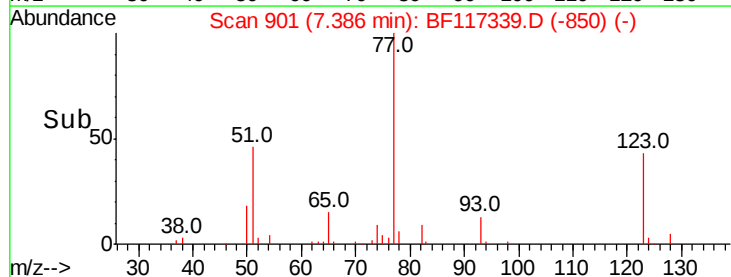
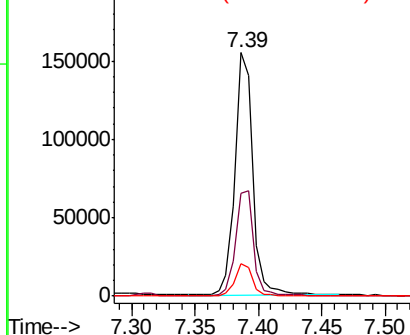


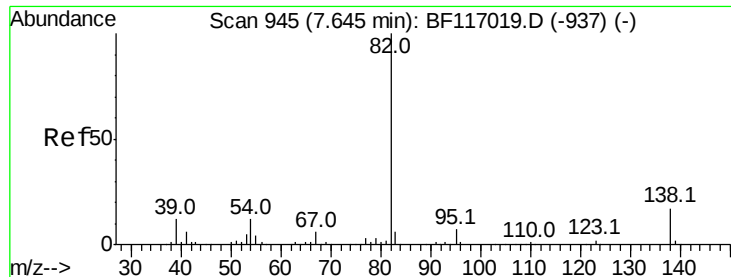
#24
Nitrobenzene
Concen: 40.517 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF117339.D
Acq: 8 Oct 2019 14:38

Tgt Ion	77	Resp	150014
Ion Ratio	100	Lower	Upper
123	42.4	33.5	50.3
65	13.5	10.5	15.7



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





#25

Isophorone

Concen: 40.501 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

Instrument :

BNA_F

ClientSampleId :

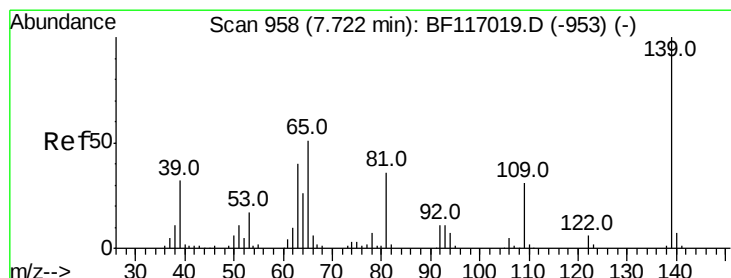
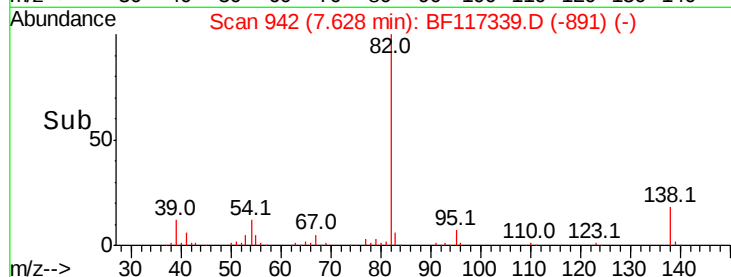
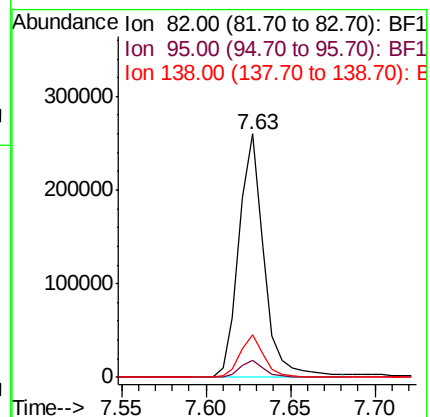
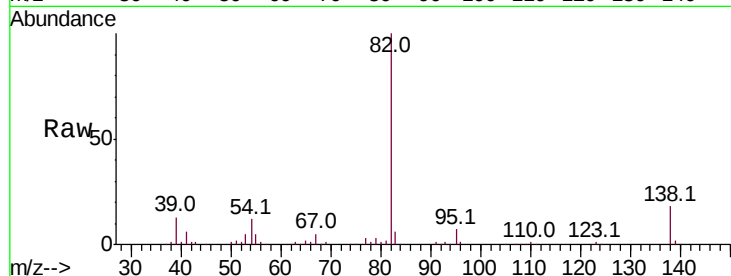
Tot Ion: 82 Resp: 268856

Ion Ratio Lower Upper

82 100

95 6.9 5.8 8.6

138 17.8 13.5 20.3



#26

2-Nitrophenol

Concen: 42.289 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

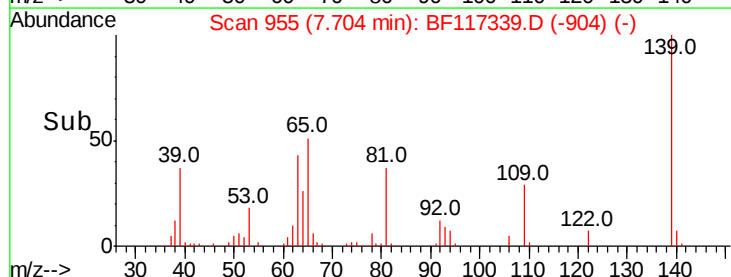
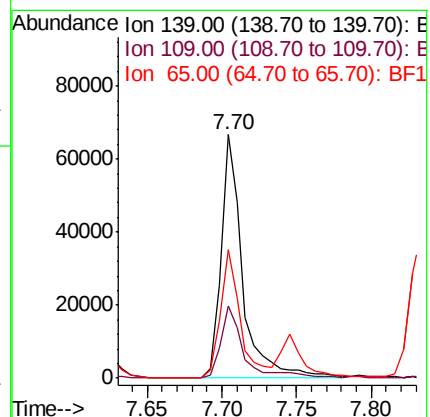
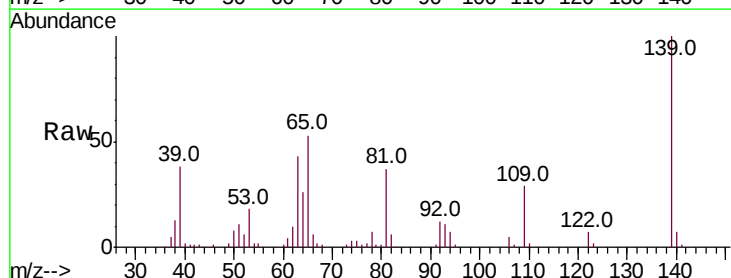
Tgt Ion: 139 Resp: 67255

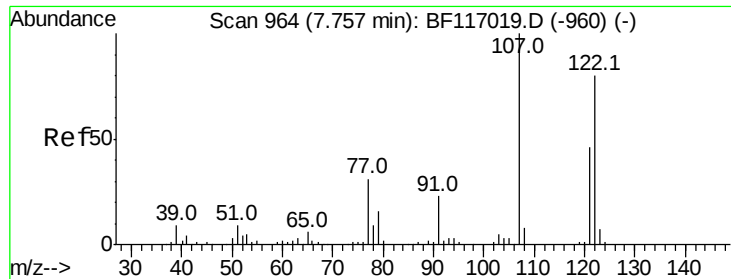
Ion Ratio Lower Upper

139 100

109 29.4 24.6 36.8

65 52.9 40.9 61.3

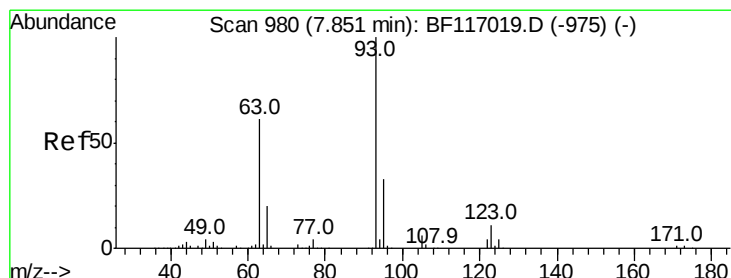
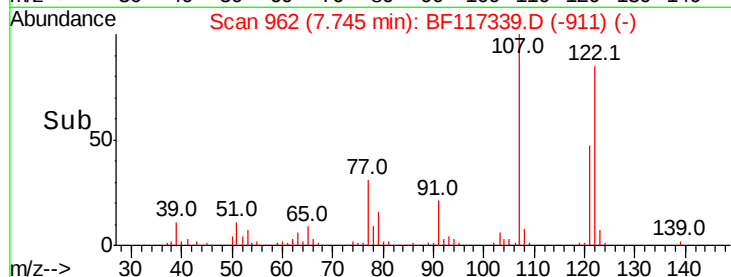
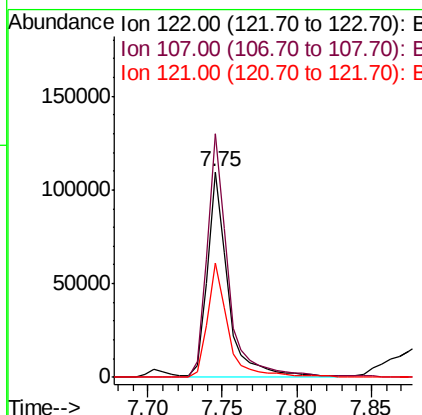
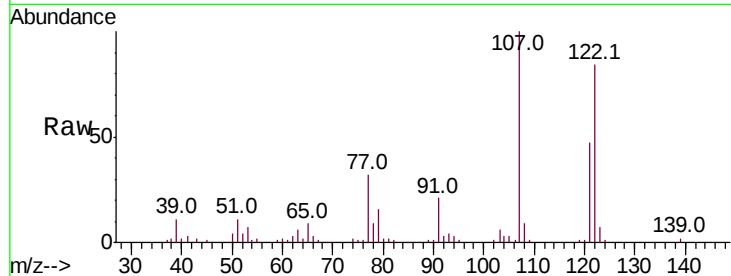




#27
 2,4-Dimethylphenol
 Concen: 40.814 ng
 RT: 7.75 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF117339.D
 Acq: 8 Oct 2019 14:38

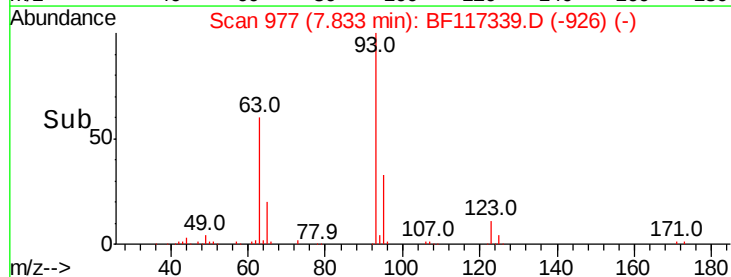
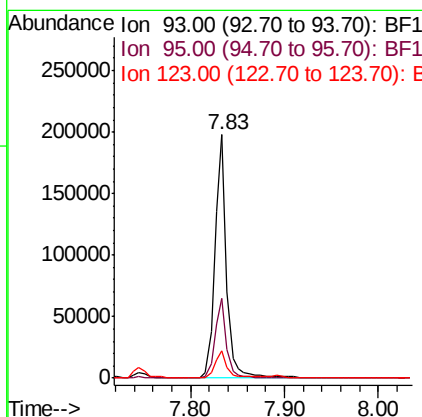
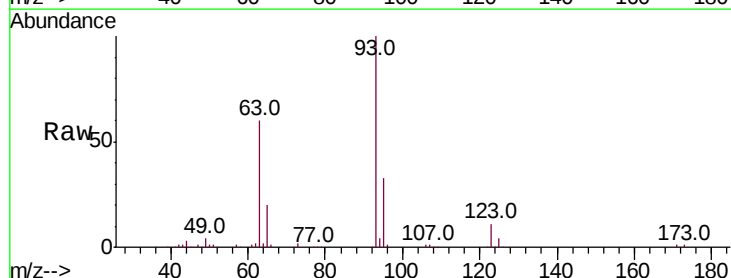
Instrument :
 BNA_F
 ClientSampleId :

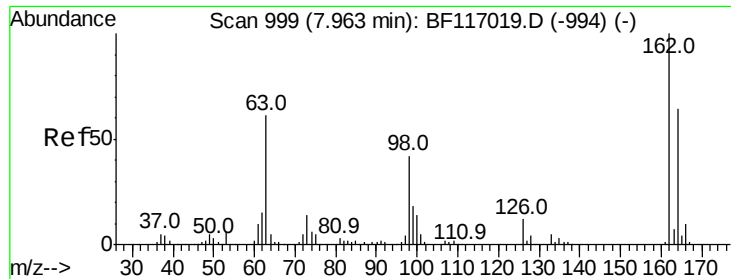
Tot Ion:122 Resp: 102933
 Ion Ratio Lower Upper
 122 100
 107 118.6 98.9 148.3
 121 55.8 45.3 67.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.560 ng
 RT: 7.83 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: BF117339.D
 Acq: 8 Oct 2019 14:38

Tgt Ion: 93 Resp: 174068
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.2 39.4
 123 11.2 9.0 13.6

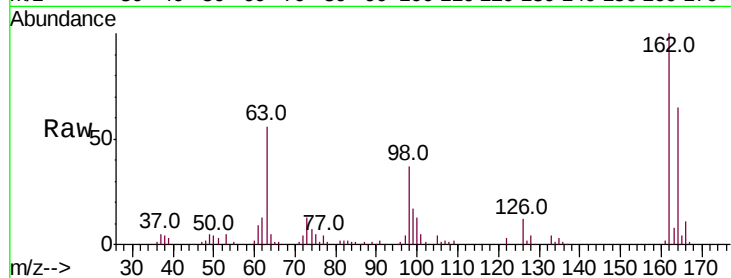




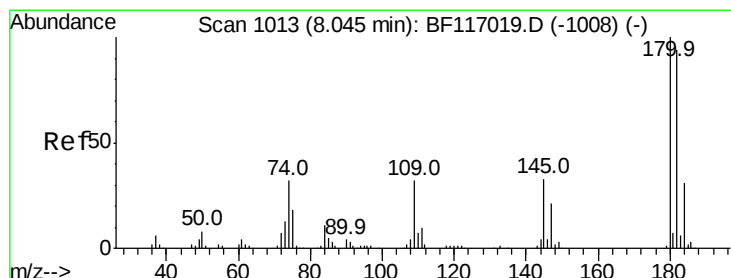
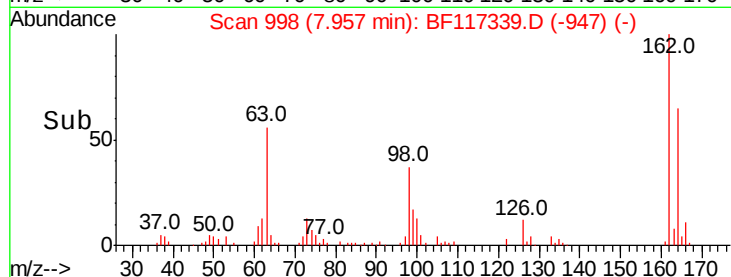
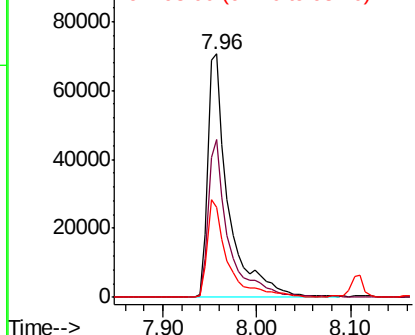
#29
 2,4-Dichlorophenol
 Concen: 41.560 ng
 RT: 7.96 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BF117339.D
 Acq: 8 Oct 2019 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	43.8	83.8
98	37.0	22.1	62.1

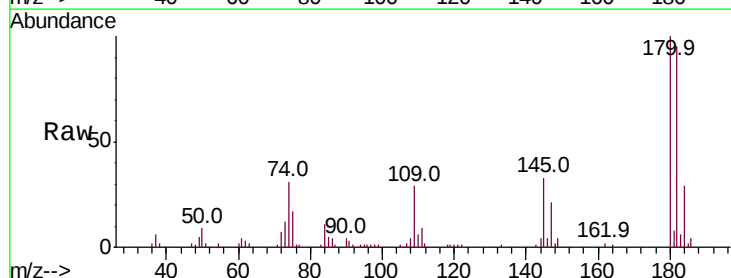


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

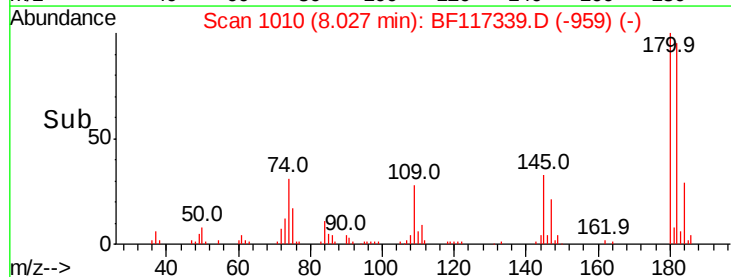
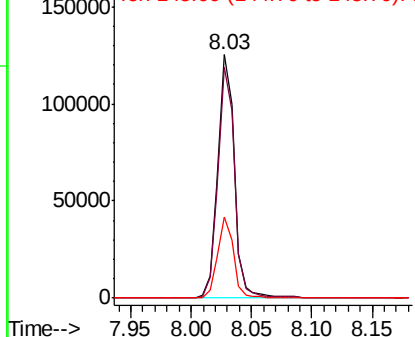


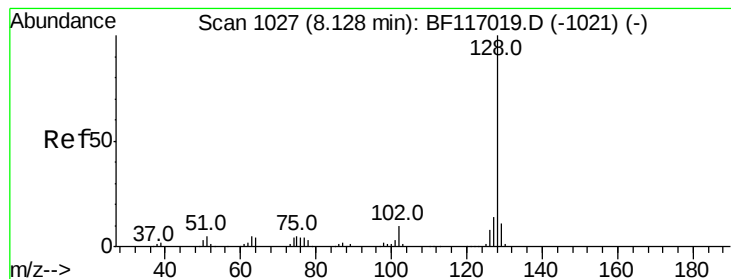
#30
 1,2,4-Trichlorobenzene
 Concen: 41.442 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BF117339.D
 Acq: 8 Oct 2019 14:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.4	113.0
145	33.3	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: 42.079 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

Instrument :

BNA_F

ClientSampleId :

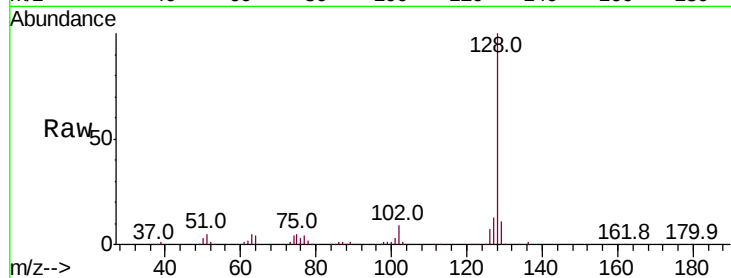
Tot Ion:128 Resp: 398665

Ion Ratio Lower Upper

128 100

129 10.6 9.0 13.4

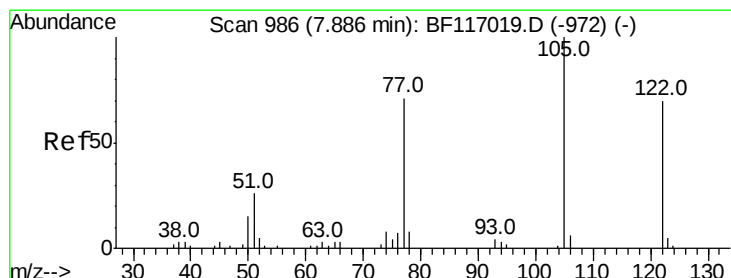
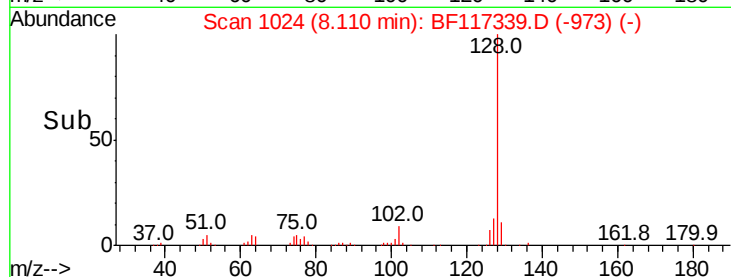
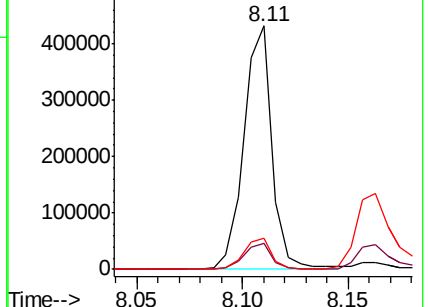
127 12.8 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 30.497 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

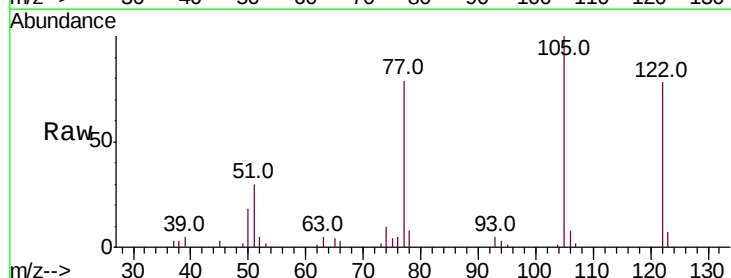
Tgt Ion:122 Resp: 52768

Ion Ratio Lower Upper

122 100

105 127.6 114.8 154.8

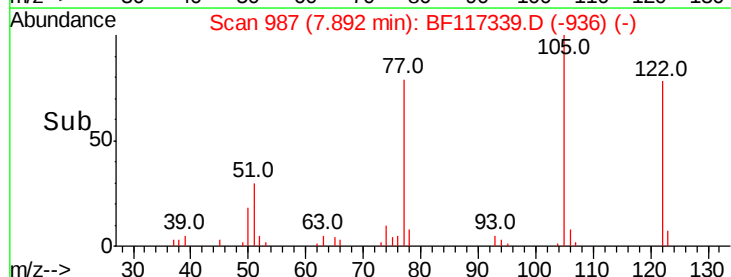
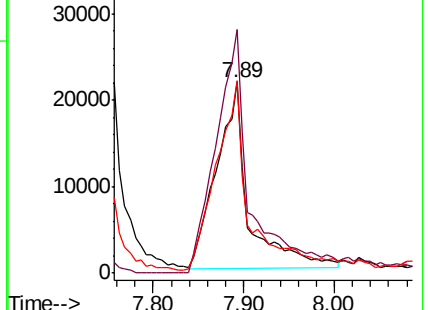
77 100.9 78.7 118.7

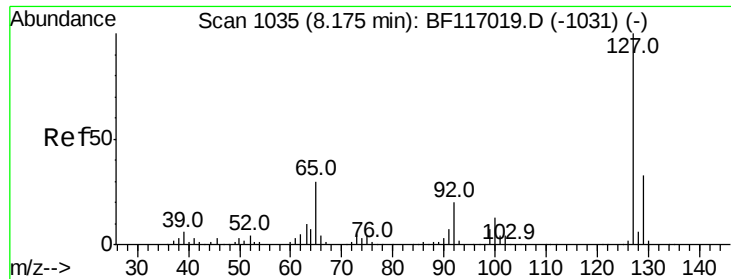


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

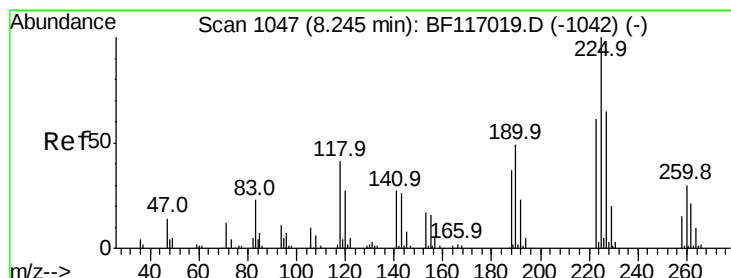
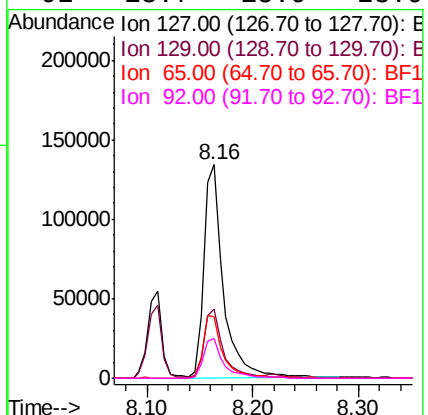
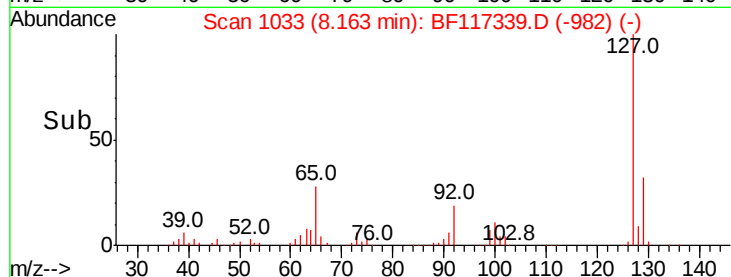
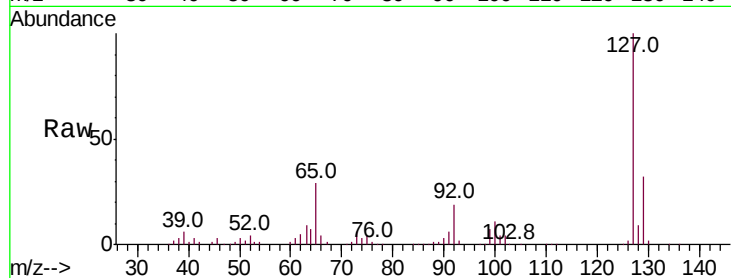




#33
4-Chloroaniline
Concen: 40.849 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF117339.D
Acq: 8 Oct 2019 14:38

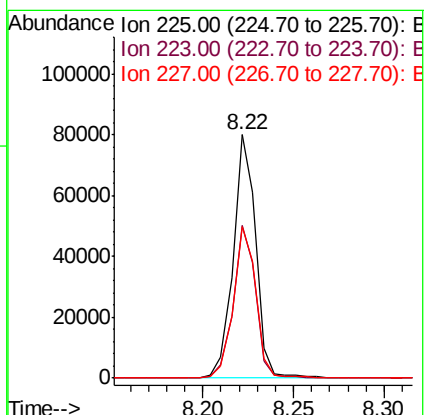
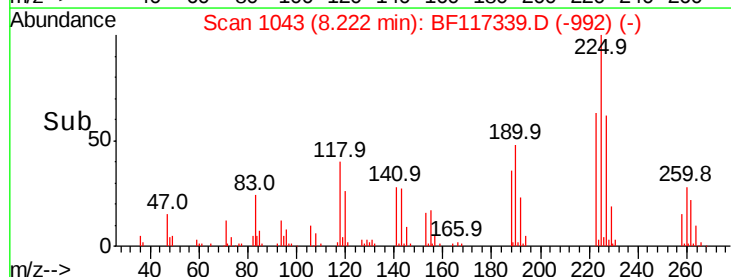
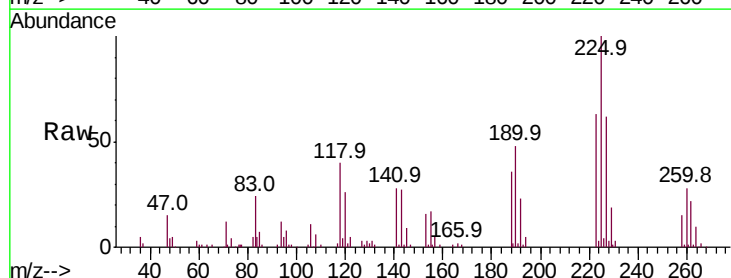
Instrument :
BNA_F
ClientSampleId :

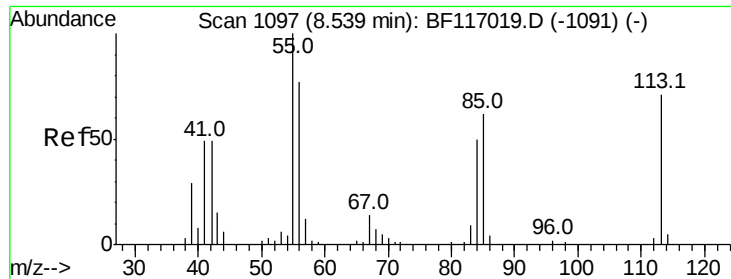
Tot Ion:127 Resp: 171651
Ion Ratio Lower Upper
127 100
129 32.4 26.2 39.2
65 29.0 23.5 35.3
92 18.7 15.9 23.9



#34
Hexachlorobutadiene
Concen: 42.646 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF117339.D
Acq: 8 Oct 2019 14:38

Tgt Ion:225 Resp: 69076
Ion Ratio Lower Upper
225 100
223 62.5 49.1 73.7
227 62.0 52.2 78.2





#35

Caprolactam

Concen: 39.554 ng

RT: 8.53 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

Instrument :

BNA_F

ClientSampleId :

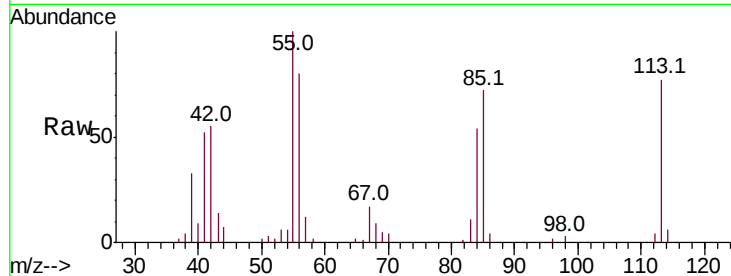
Tot Ion:113 Resp: 35379

Ion Ratio Lower Upper

113 100

55 130.0 120.6 160.6

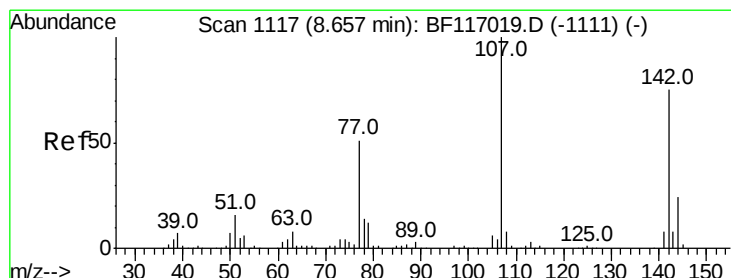
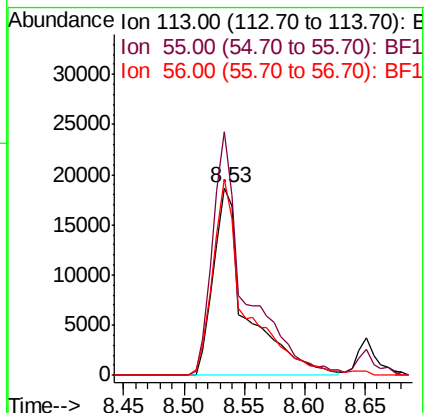
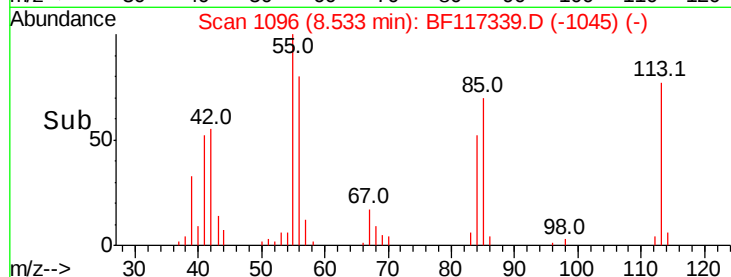
56 104.6 88.8 128.8



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: 39.675 ng

RT: 8.65 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

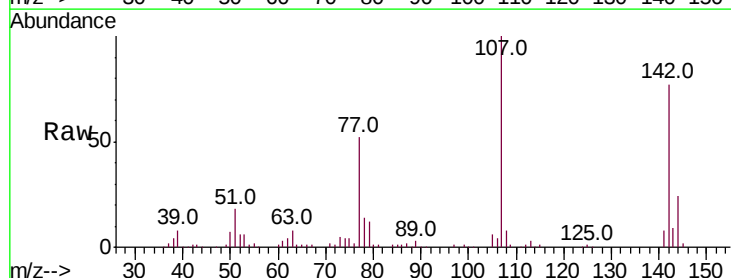
Tgt Ion:107 Resp: 122249

Ion Ratio Lower Upper

107 100

144 24.3 19.2 28.8

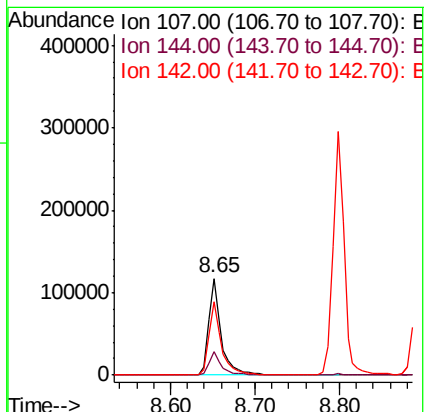
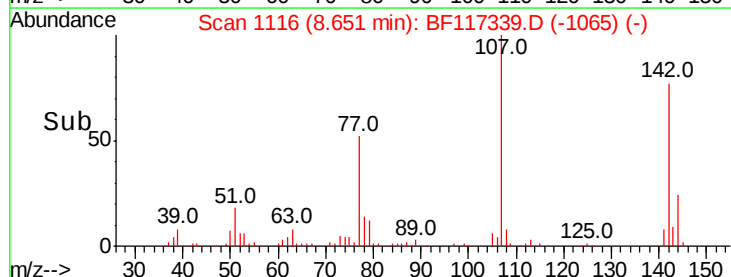
142 76.6 59.6 89.4

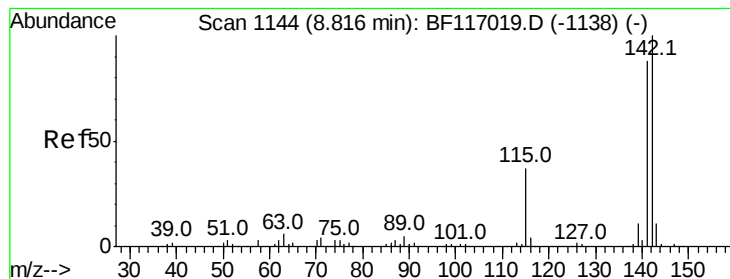


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

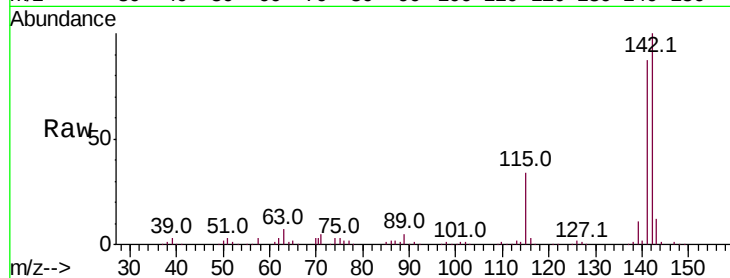




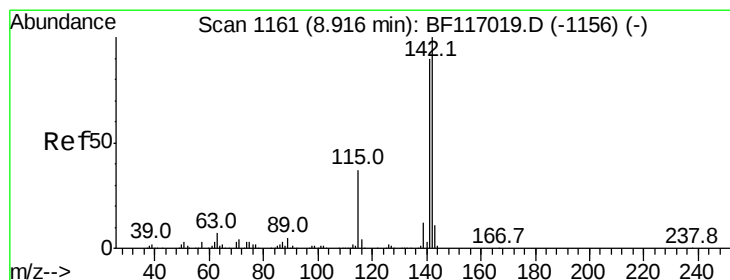
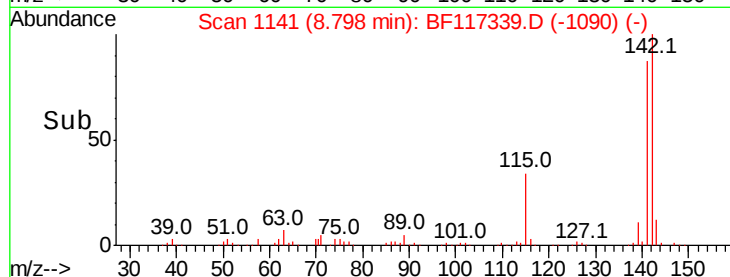
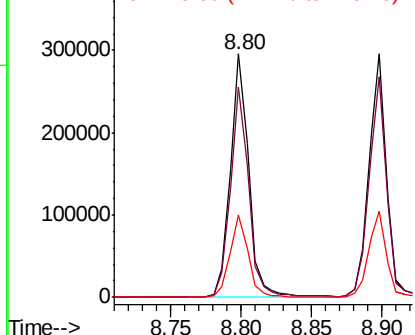
#37
2-Methylnaphthalene
Concen: 42.153 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF117339.D
Acq: 8 Oct 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.6	70.7	106.1
115	33.8	29.4	44.0

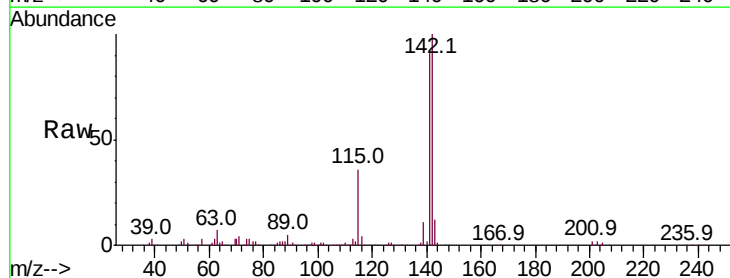


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

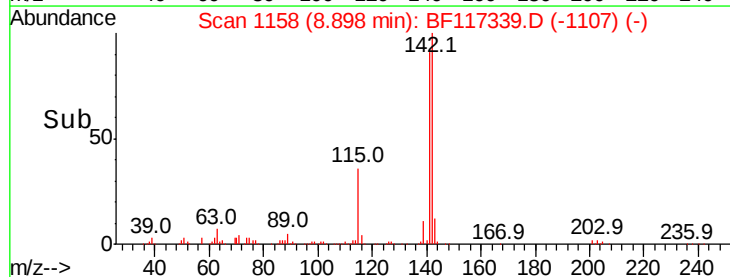
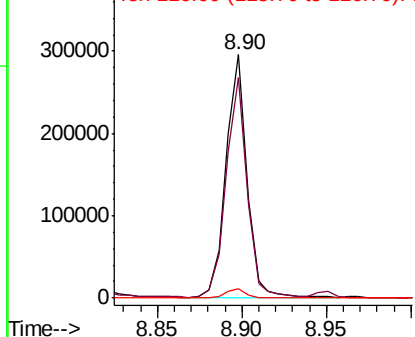


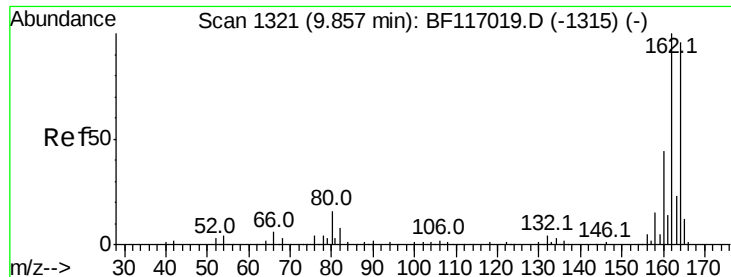
#38
1-Methylnaphthalene
Concen: 42.309 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF117339.D
Acq: 8 Oct 2019 14:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.9	107.9
116	3.7	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

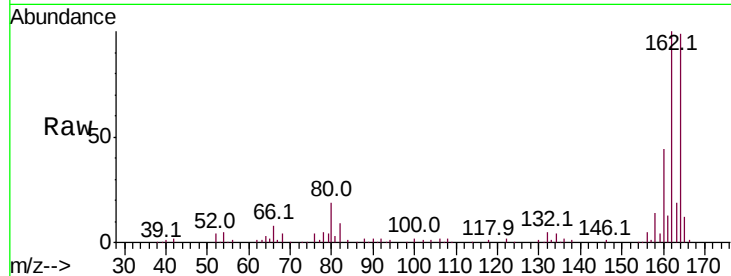




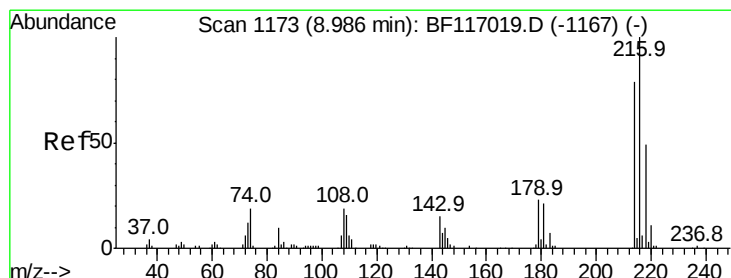
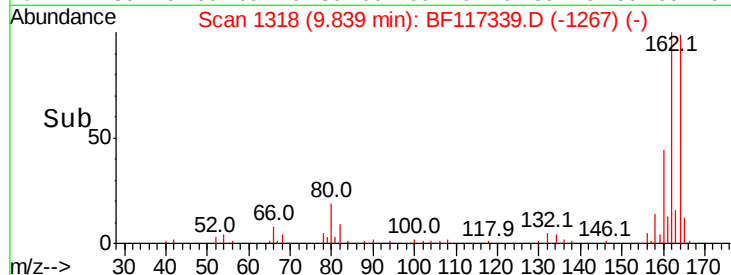
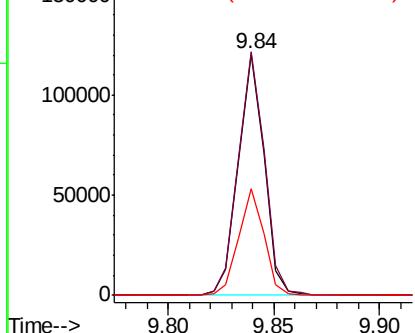
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF117339.D
Acq: 8 Oct 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 102245
Ion Ratio Lower Upper
164 100
162 101.0 83.4 125.2
160 44.1 36.4 54.6



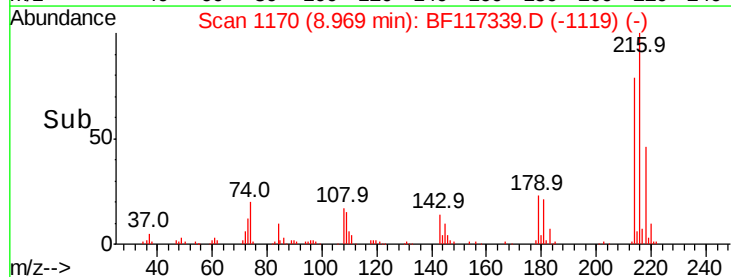
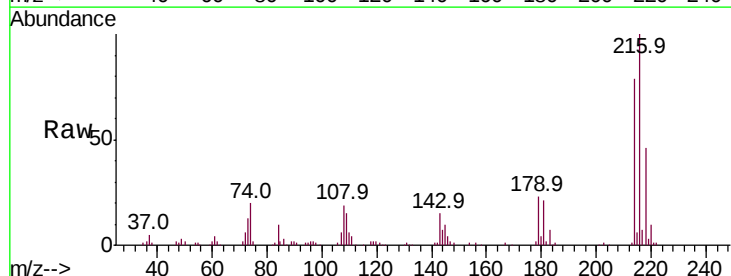
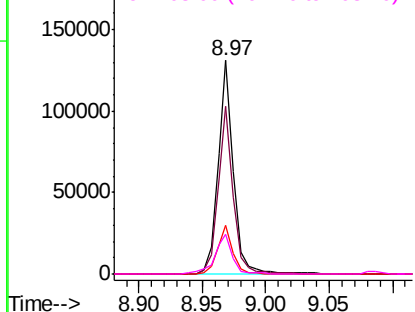
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

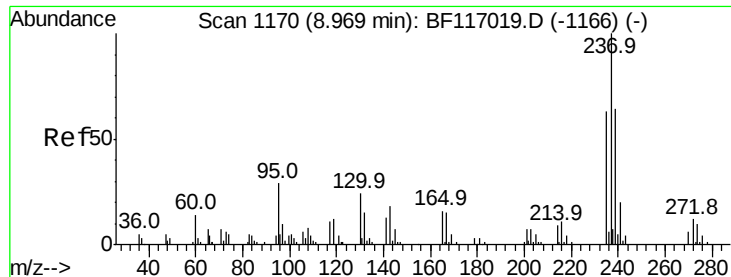


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.211 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF117339.D
Acq: 8 Oct 2019 14:38

Tgt Ion:216 Resp: 111448
Ion Ratio Lower Upper
216 100
214 77.3 63.6 95.4
179 22.4 18.3 27.5
108 21.0 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: 34.887 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

Instrument :

BNA_F

ClientSampleId :

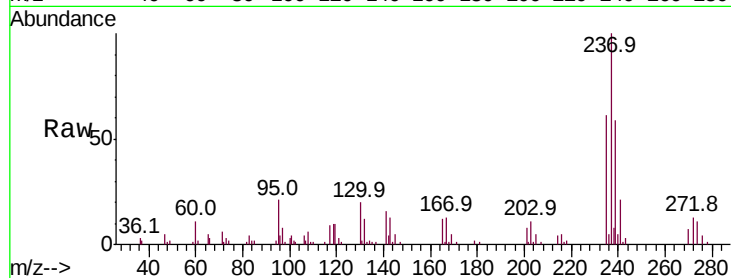
Tot Ion:237 Resp: 34989

Ion Ratio Lower Upper

237 100

235 61.4 43.2 83.2

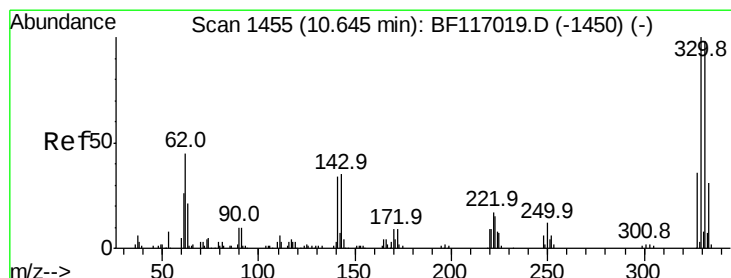
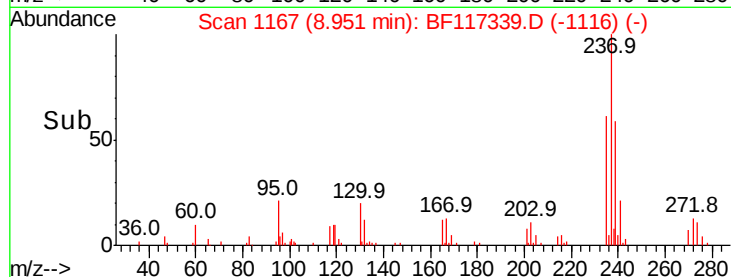
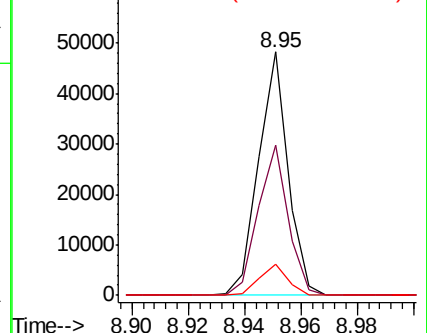
272 12.7 0.0 31.9



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: 81.440 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

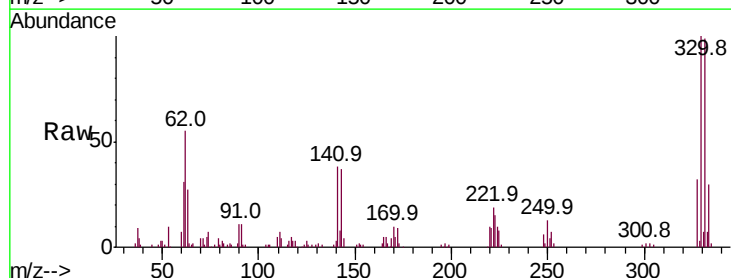
Tgt Ion:330 Resp: 69593

Ion Ratio Lower Upper

330 100

332 96.4 78.0 117.0

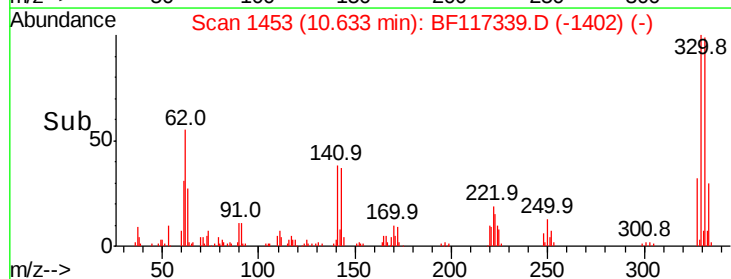
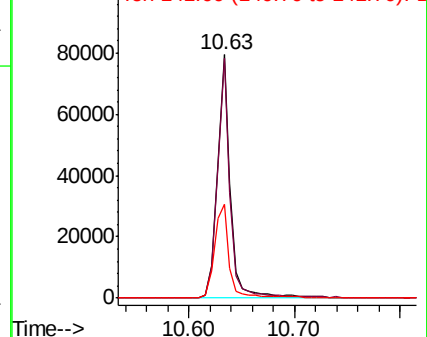
141 43.2 35.8 53.6

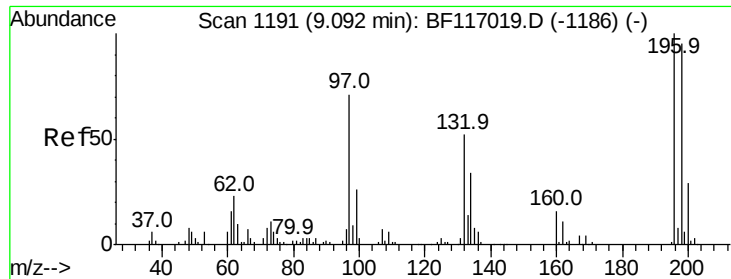


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

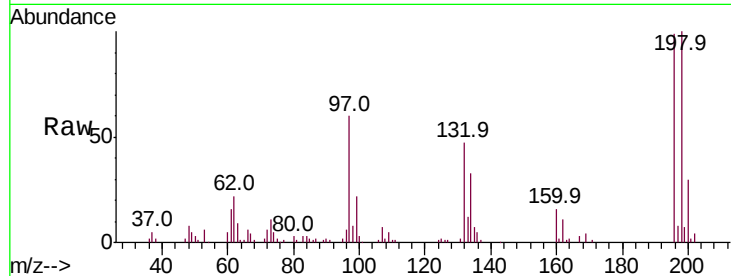




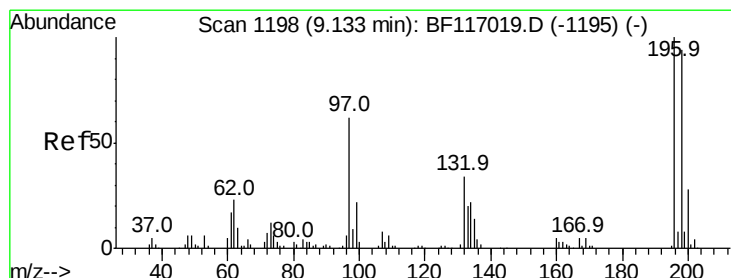
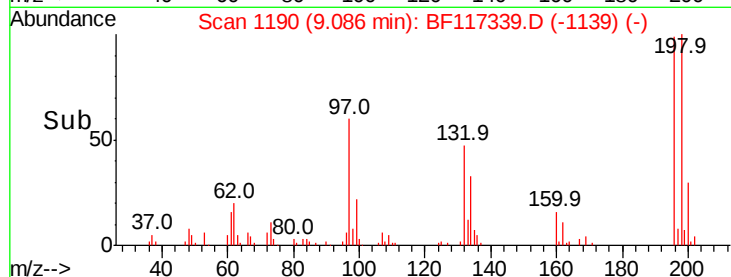
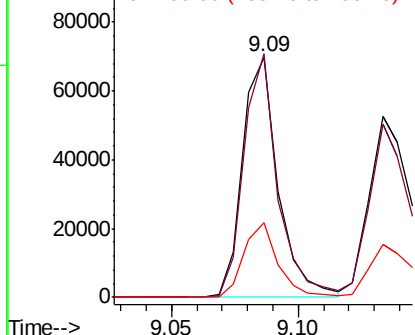
#43
 2,4,6-Trichlorophenol
 Concen: 38.254 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF117339.D
 Acq: 8 Oct 2019 14:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 68541
 Ion Ratio Lower Upper
 196 100
 198 101.3 75.7 113.5
 200 30.9 23.3 34.9

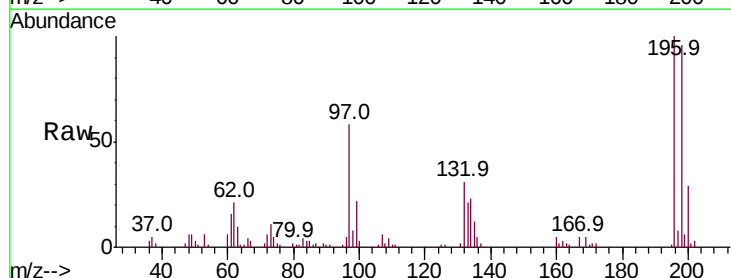


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

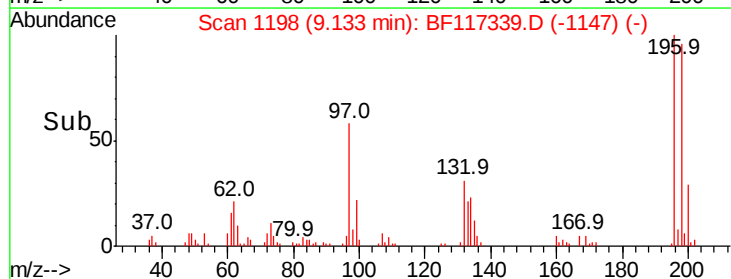
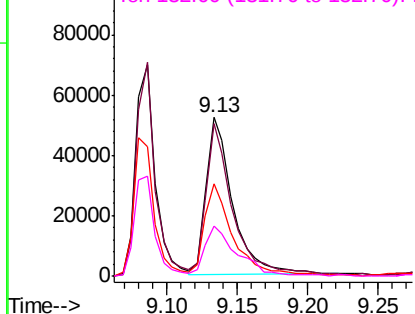


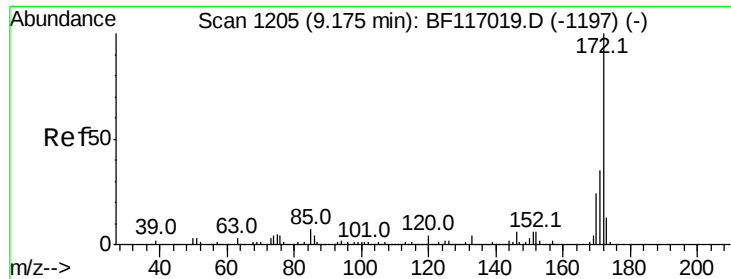
#44
 2,4,5-Trichlorophenol
 Concen: 36.272 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF117339.D
 Acq: 8 Oct 2019 14:38

Tgt Ion:196 Resp: 69437
 Ion Ratio Lower Upper
 196 100
 198 95.9 74.6 112.0
 97 58.5 49.5 74.3
 132 31.4 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

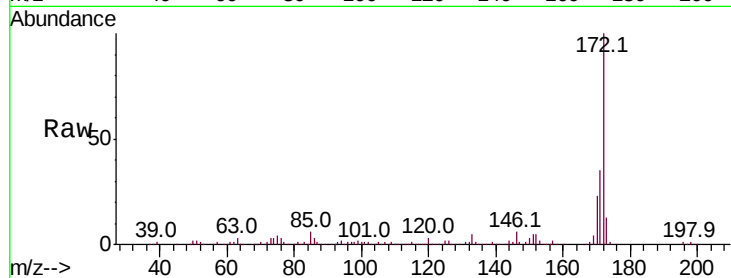




#45
2-Fluorobiphenyl
Concen: 86.515 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF117339.D
Acq: 8 Oct 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.2	42.2
170	23.3	18.9	28.3

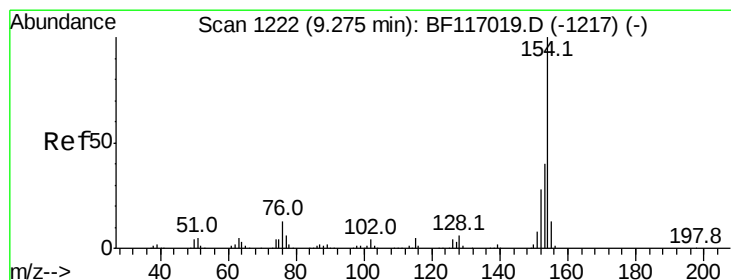
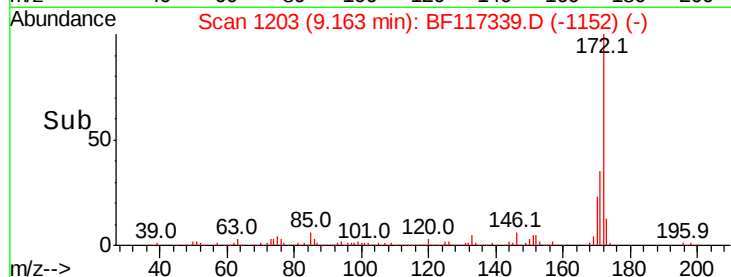
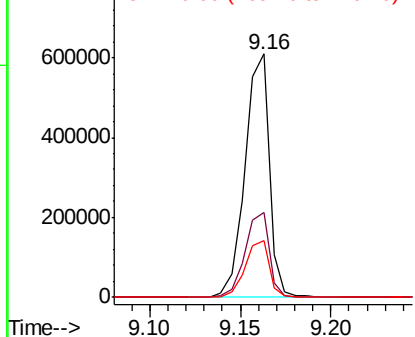


Abundance

Ion 172.00 (171.70 to 172.70): E

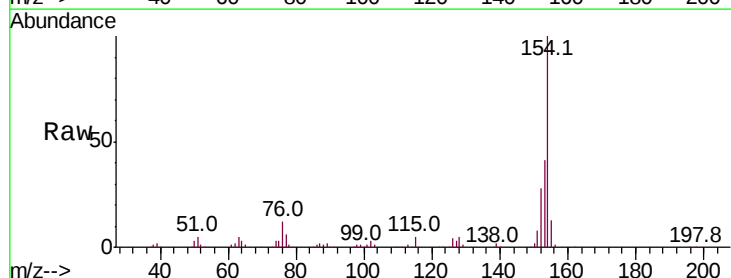
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 41.793 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF117339.D
Acq: 8 Oct 2019 14:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.0	60.0
76	11.6	0.0	32.7

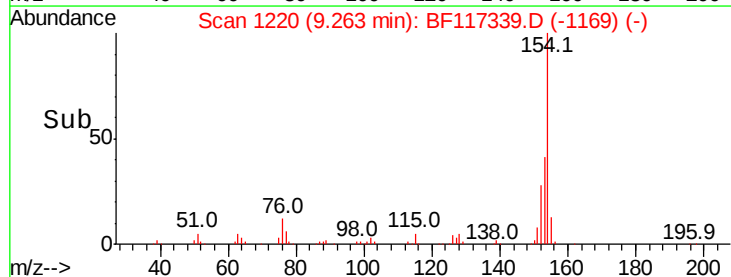
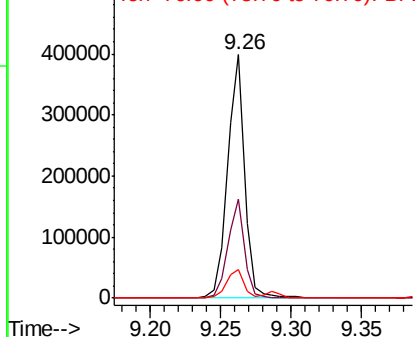


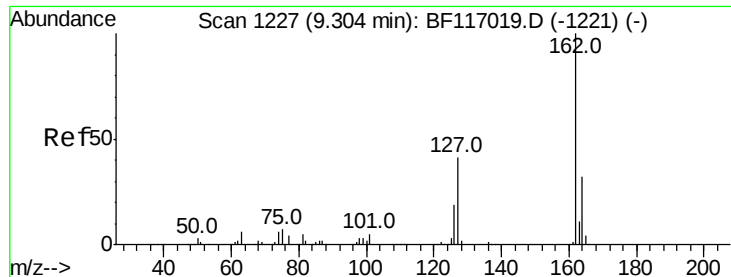
Abundance

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

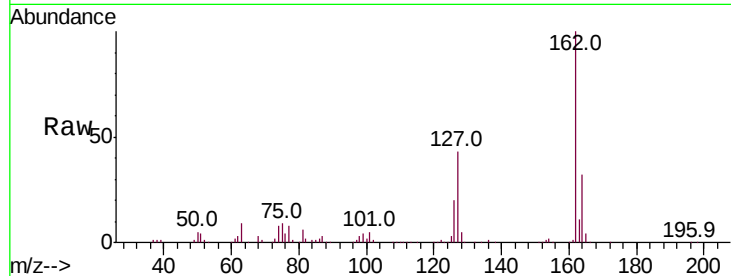




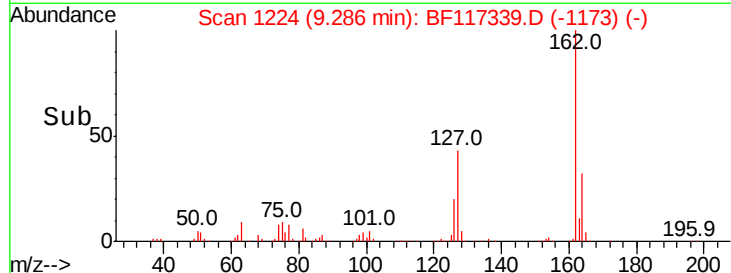
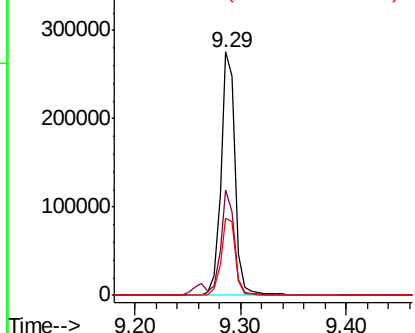
#47
 2-Chloronaphthalene
 Concen: 41.155 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF117339.D
 Acq: 8 Oct 2019 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.4	34.1	51.1
164	31.9	25.9	38.9

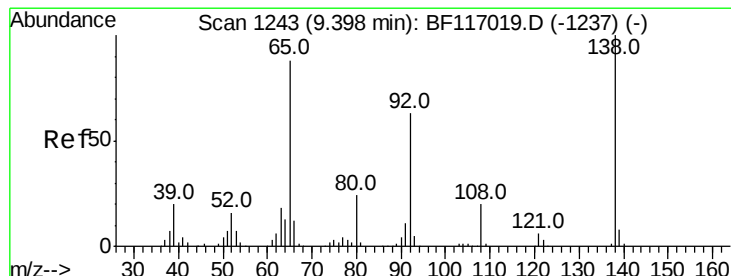


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

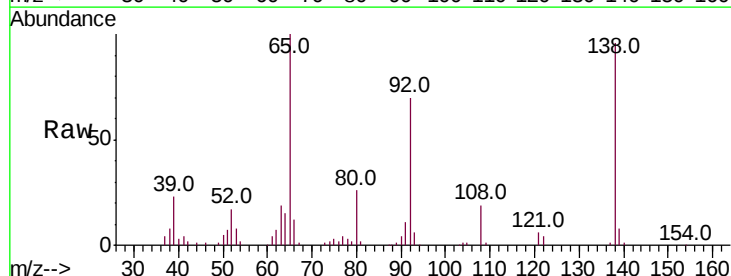
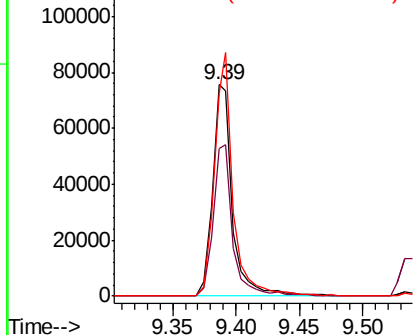


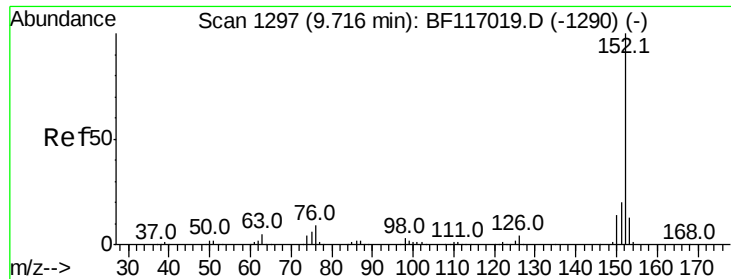
#48
 2-Nitroaniline
 Concen: 40.950 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BF117339.D
 Acq: 8 Oct 2019 14:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.9	57.5	86.3
138	96.0	90.6	136.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.881 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

Instrument :

BNA_F

ClientSampleId :

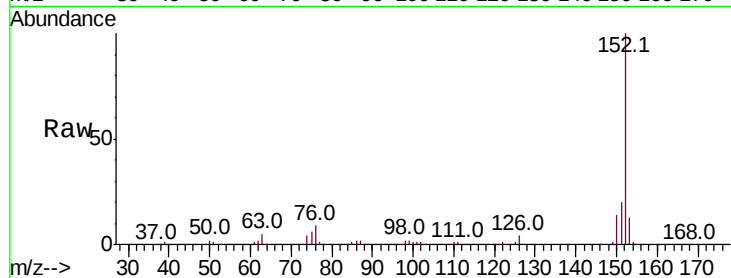
Tot Ion:152 Resp: 387637

Ion Ratio Lower Upper

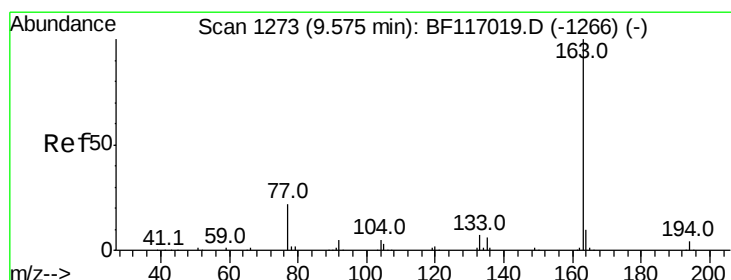
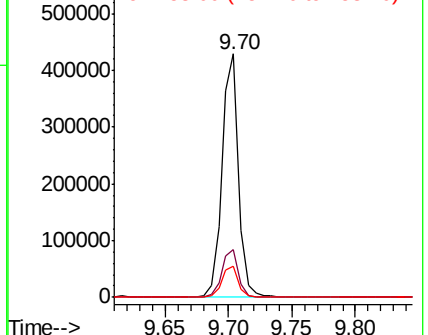
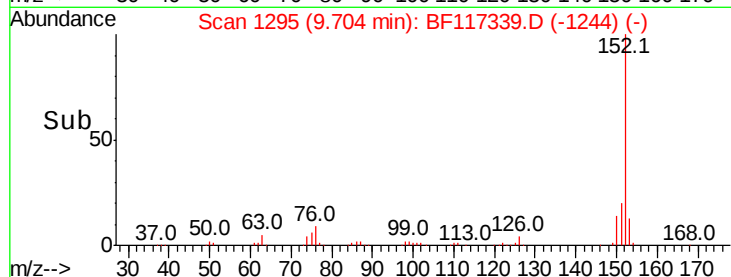
152 100

151 19.5 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: 40.538 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

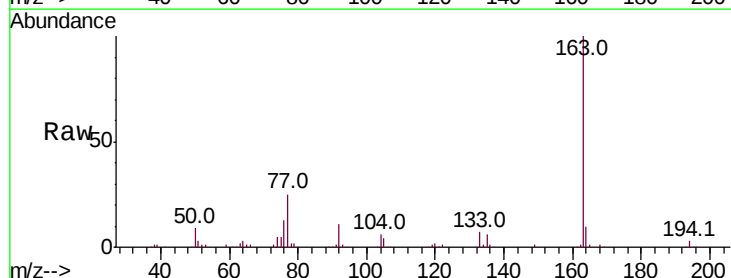
Tgt Ion:163 Resp: 293475

Ion Ratio Lower Upper

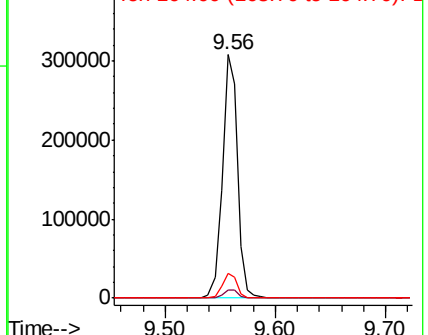
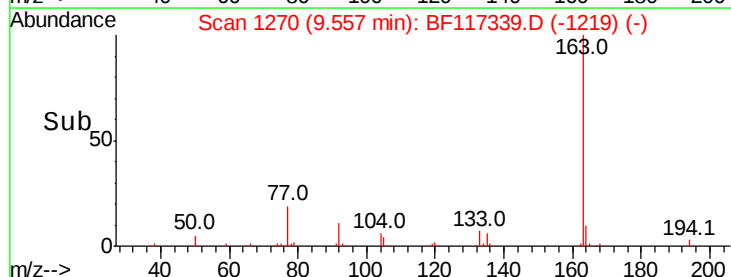
163 100

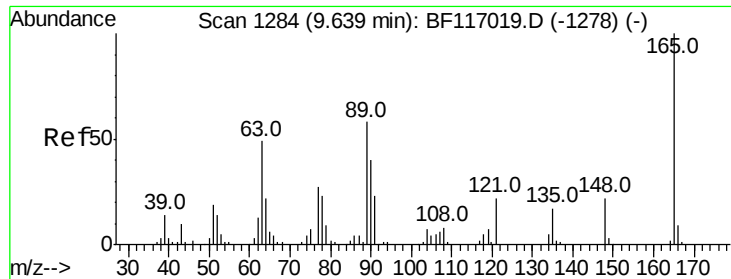
194 3.4 2.9 4.3

164 10.4 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

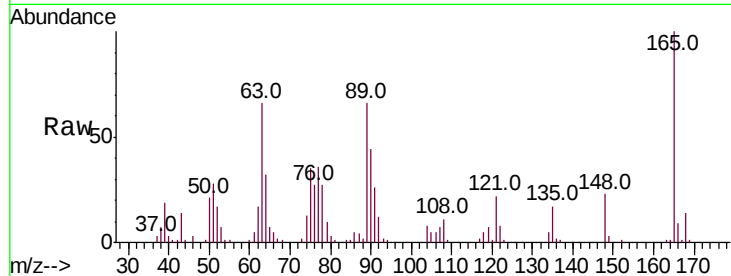




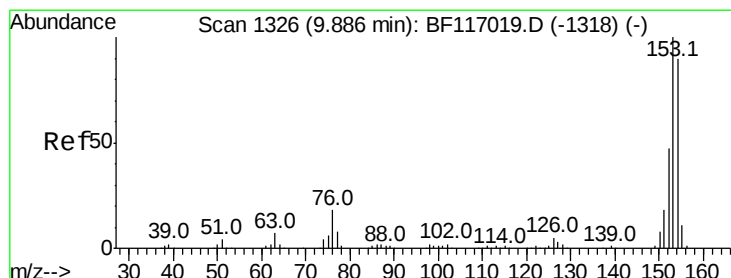
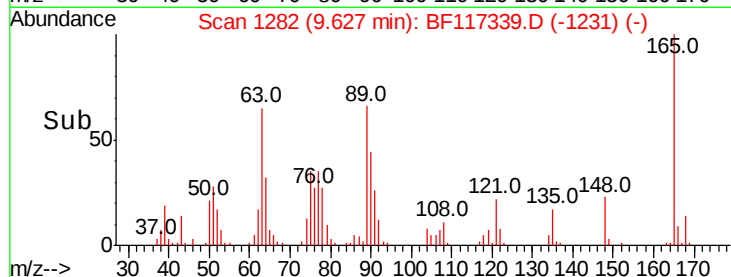
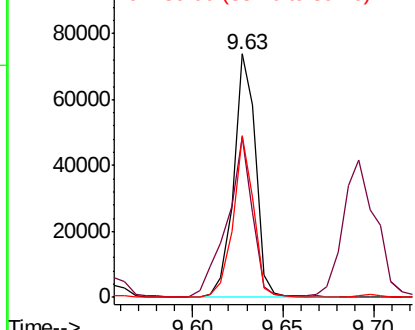
#51
2,6-Dinitrotoluene
Concen: 42.232 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF117339.D
Acq: 8 Oct 2019 14:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 62269
Ion Ratio Lower Upper
165 100
63 65.9 41.8 62.8#
89 66.5 46.5 69.7

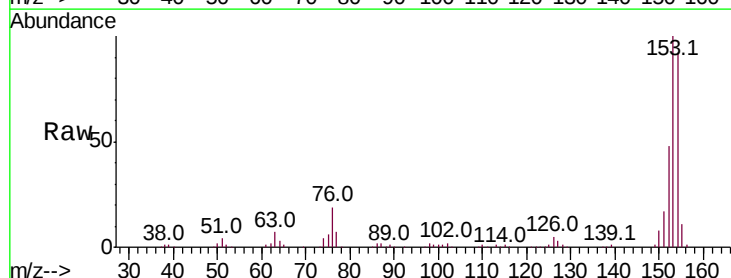


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

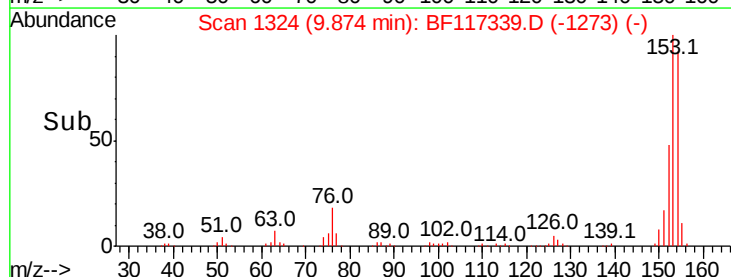
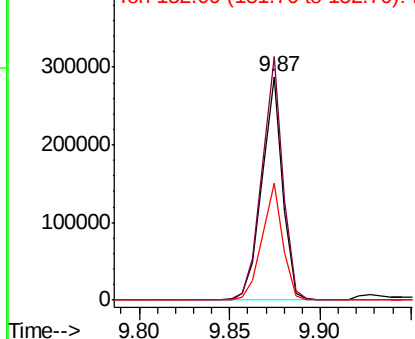


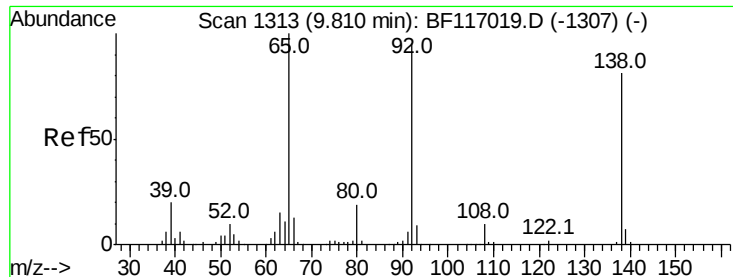
#52
Acenaphthene
Concen: 40.897 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF117339.D
Acq: 8 Oct 2019 14:38

Tgt Ion:154 Resp: 229875
Ion Ratio Lower Upper
154 100
153 109.0 89.0 133.6
152 52.2 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

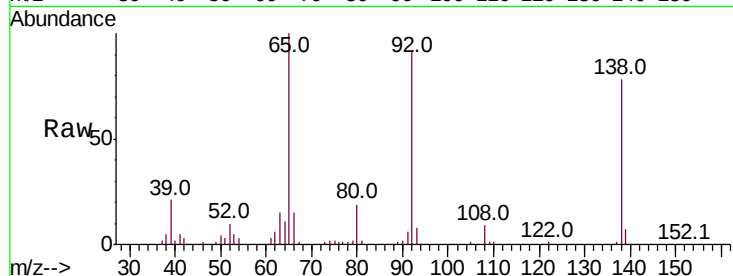




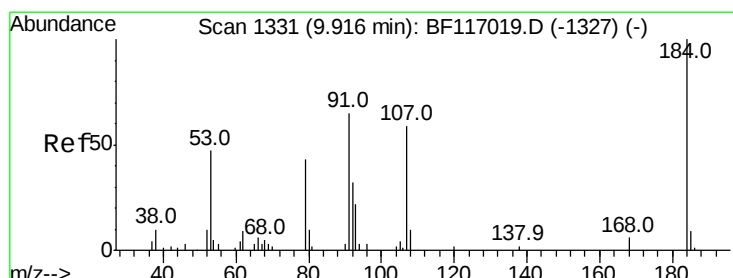
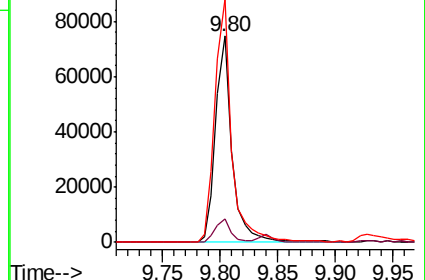
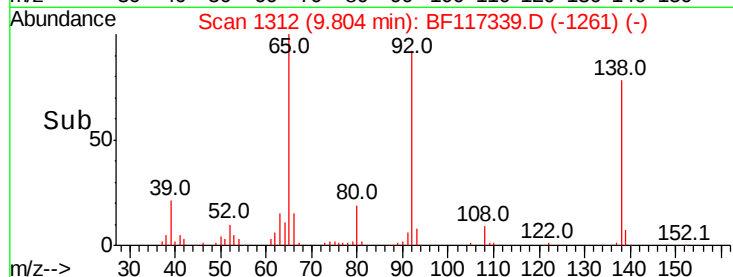
#53
3-Nitroaniline
Concen: 40.199 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF117339.D
Acq: 8 Oct 2019 14:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 74783
Ion Ratio Lower Upper
138 100
108 11.1 9.5 14.3
92 118.0 94.1 141.1

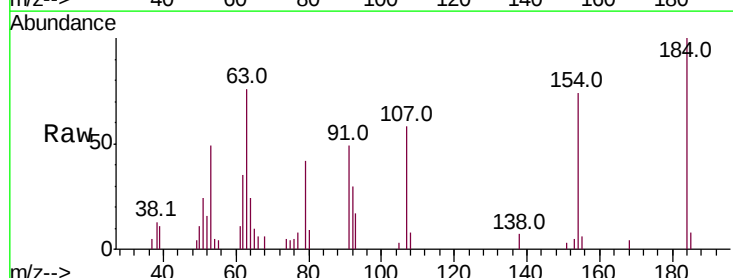


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

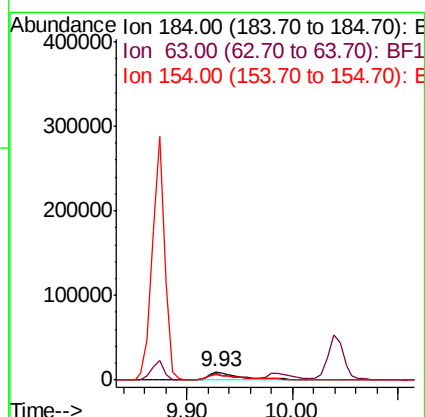
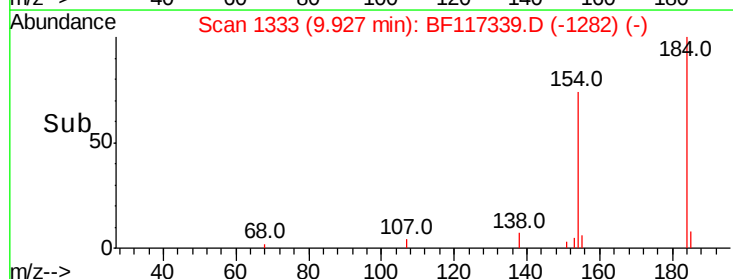


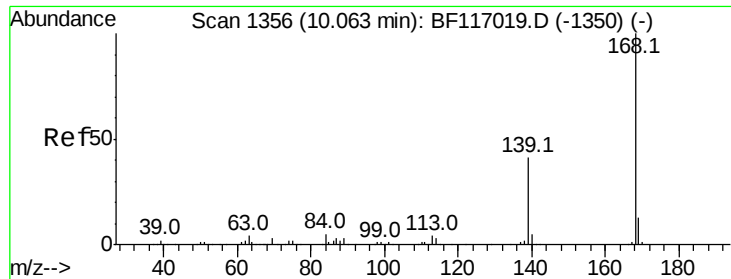
#54
2,4-Dinitrophenol
Concen: 39.300 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF117339.D
Acq: 8 Oct 2019 14:38

Tgt Ion:184 Resp: 21667
Ion Ratio Lower Upper
184 100
63 75.7 63.8 95.6
154 74.3 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

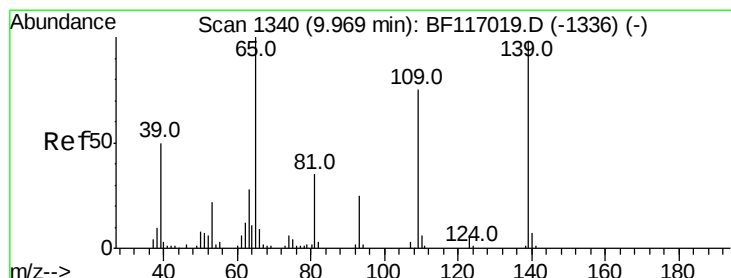
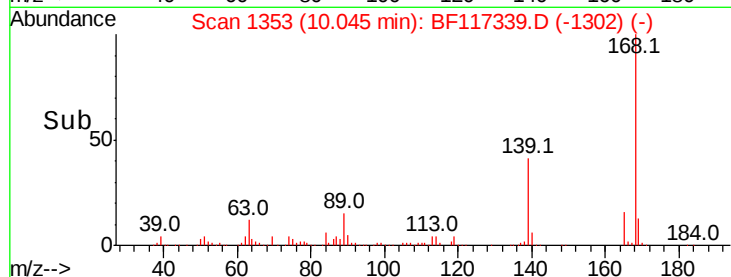
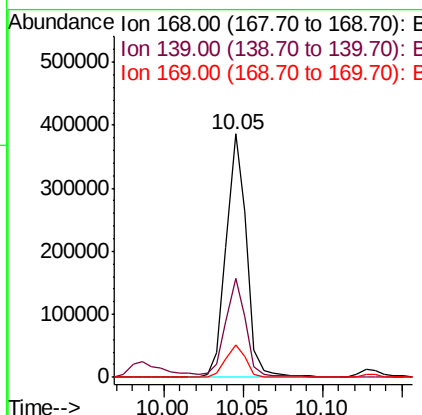
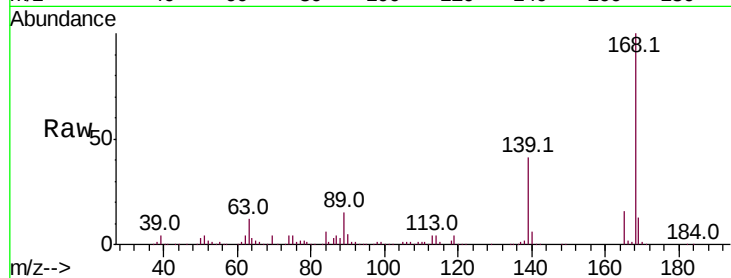




#55
 Dibenzofuran
 Concen: 41.339 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BF117339.D
 Acq: 8 Oct 2019 14:38

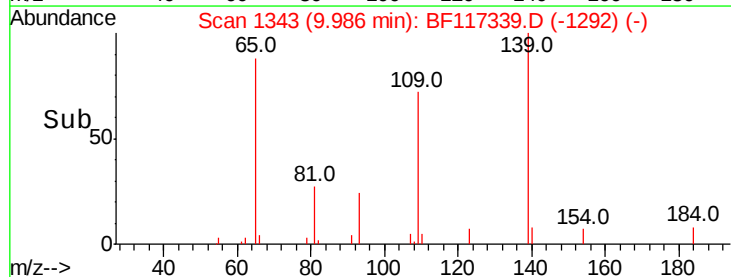
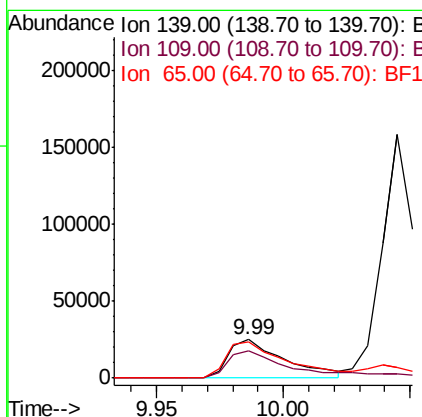
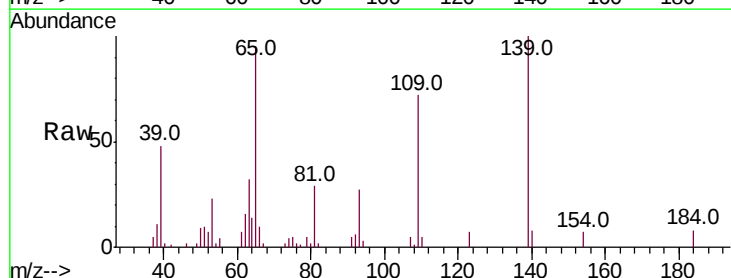
Instrument :
 BNA_F
 ClientSampled :

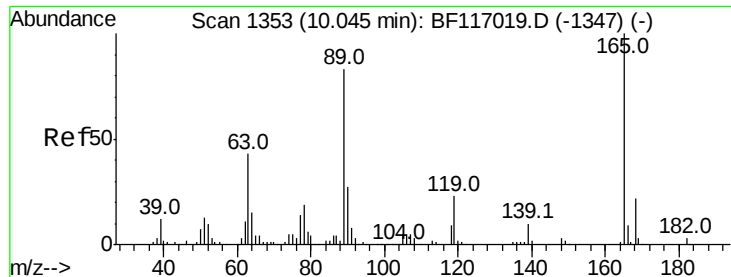
Tot Ion	Ratio	Lower	Upper
168	100		
139	40.9	32.8	49.2
169	13.1	10.5	15.7



#56
 4-Nitrophenol
 Concen: 32.017 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.00 min
 Lab File: BF117339.D
 Acq: 8 Oct 2019 14:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.7	56.4	96.4
65	94.6	82.5	122.5

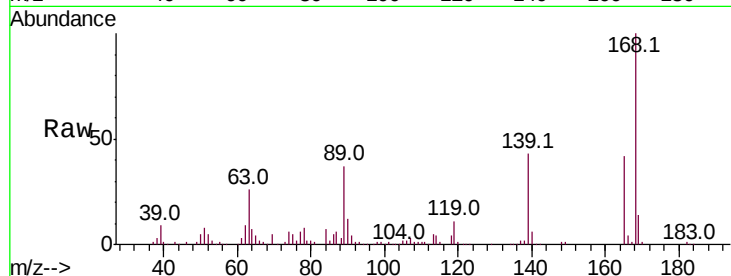




#57
 2,4-Dinitrotoluene
 Concen: 43.336 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. 0.00 min
 Lab File: BF117339.D
 Acq: 8 Oct 2019 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.9	35.0	52.4#
89	87.9	66.1	99.1
182	2.5	2.0	3.0



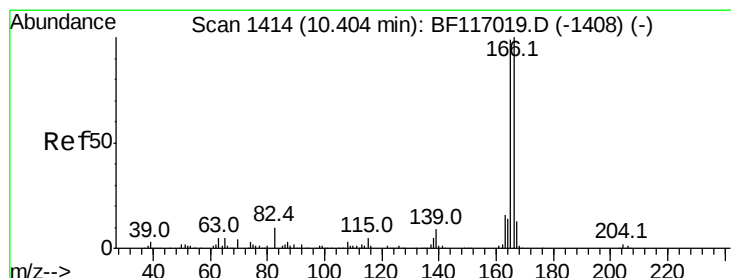
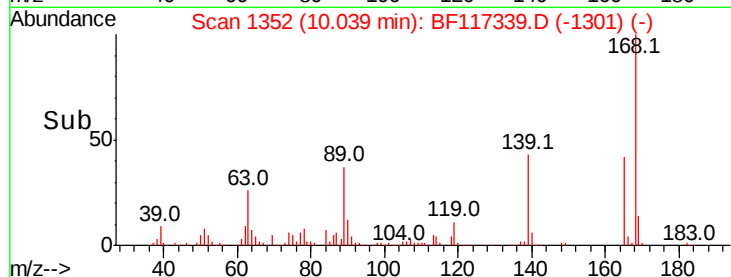
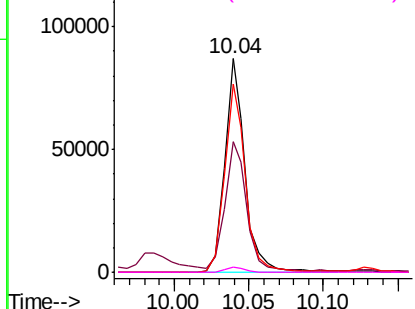
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

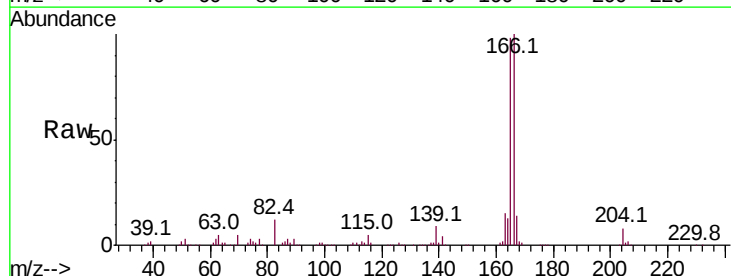
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 42.662 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: BF117339.D
 Acq: 8 Oct 2019 14:38

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.9	118.3
167	13.9	10.6	15.8

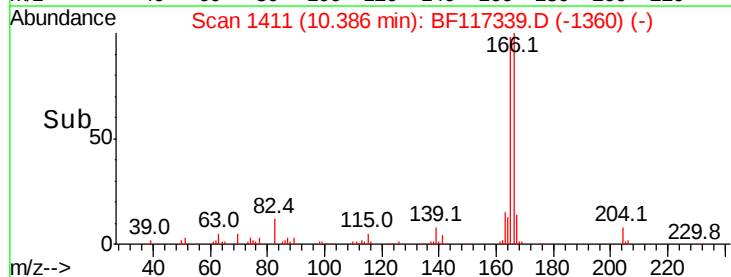
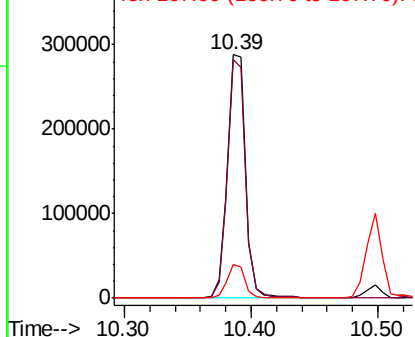


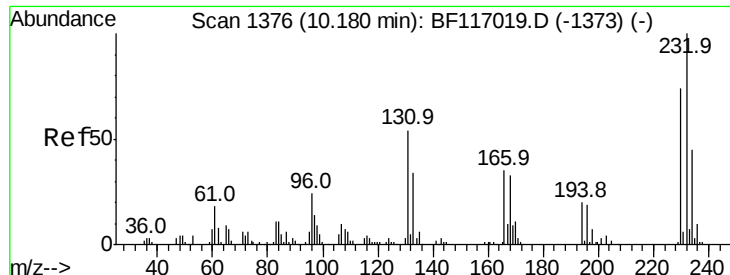
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

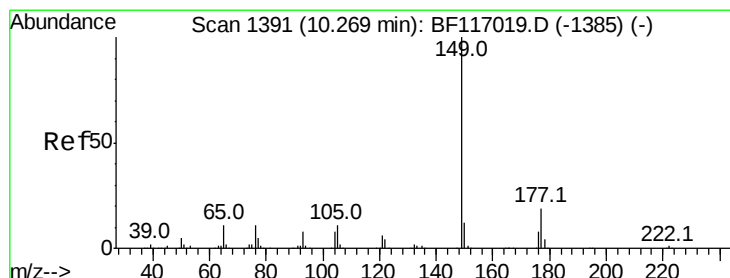
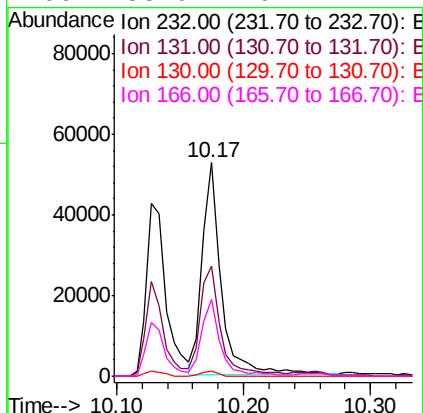
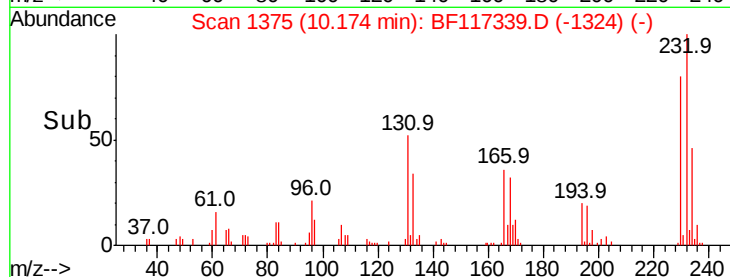
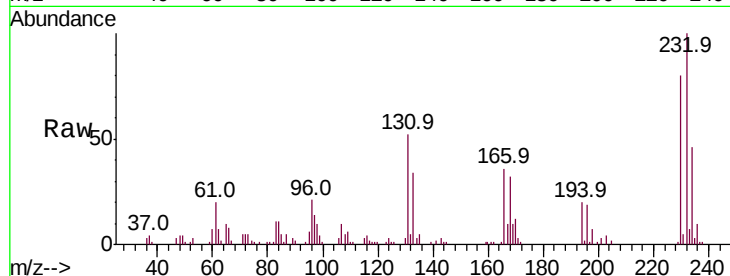




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.716 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF117339.D
 Acq: 8 Oct 2019 14:38

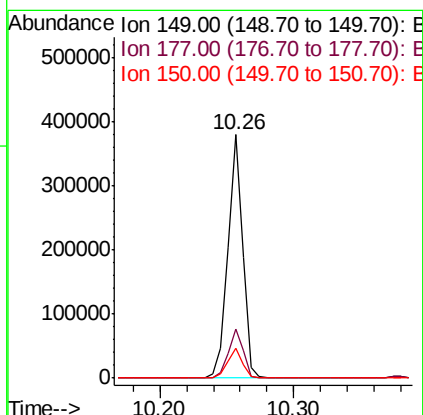
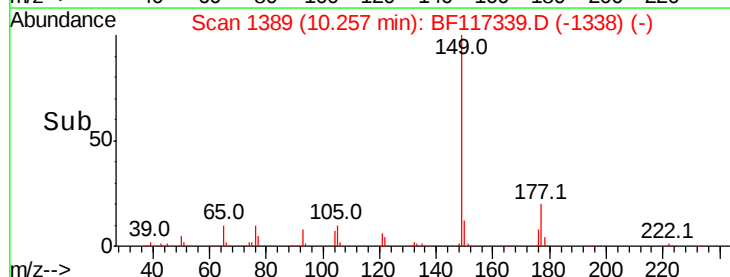
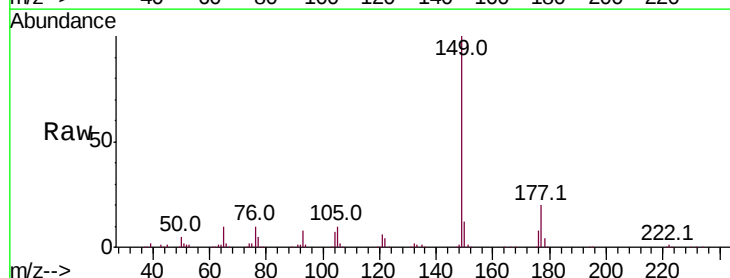
Instrument :
 BNA_F
 ClientSampleId :

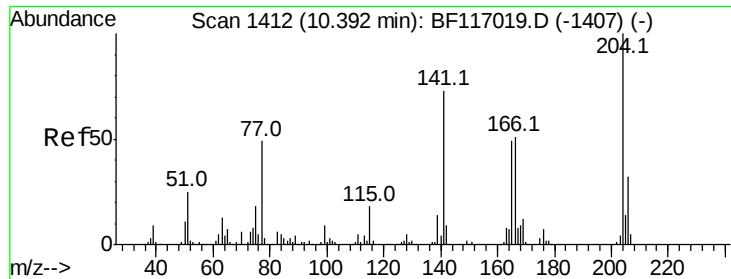
Tot Ion:232 Resp: 55251
 Ion Ratio Lower Upper
 232 100
 131 54.3 45.3 67.9
 130 2.3 1.8 2.8
 166 33.9 29.4 44.2



#60
 Diethylphthalate
 Concen: 42.382 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF117339.D
 Acq: 8 Oct 2019 14:38

Tgt Ion:149 Resp: 301857
 Ion Ratio Lower Upper
 149 100
 177 20.4 15.2 22.8
 150 12.5 9.9 14.9

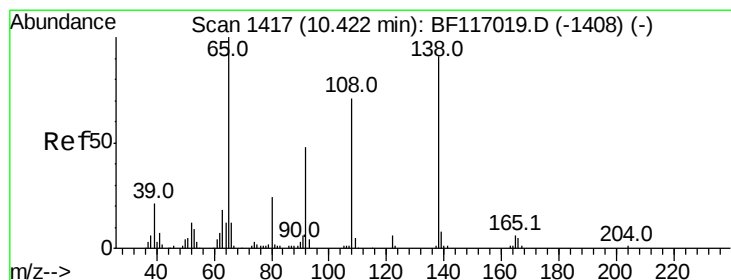
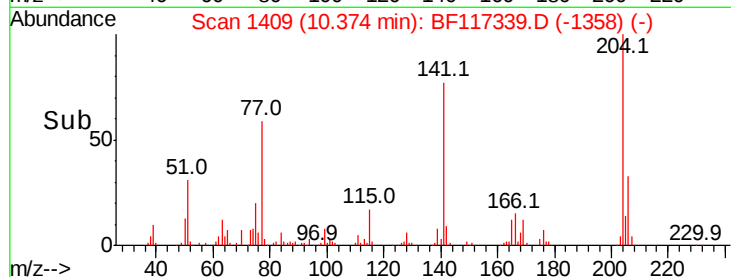
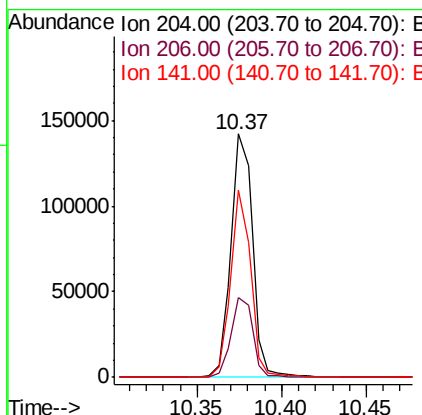
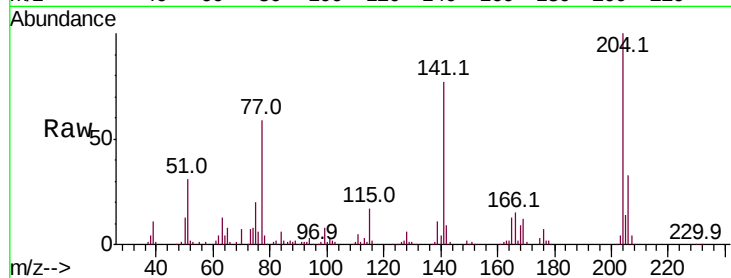




#61
 4-Chlorophenyl-phenylether
 Concen: 43.762 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. 0.00 min
 Lab File: BF117339.D
 Acq: 8 Oct 2019 14:38

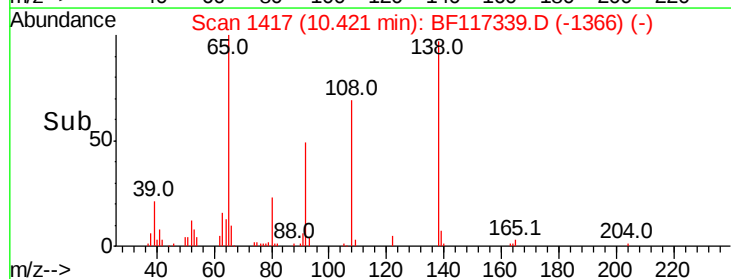
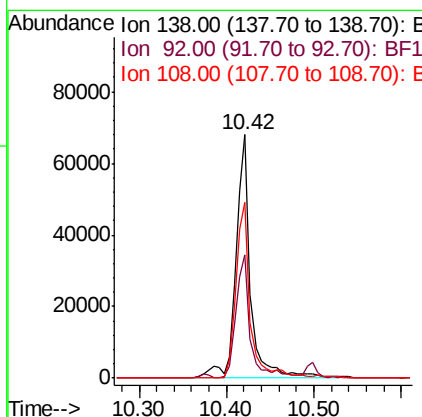
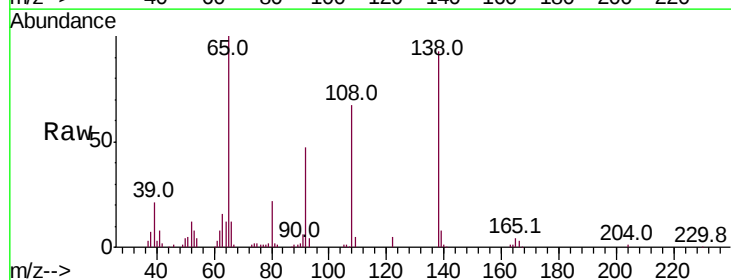
Instrument :
 BNA_F
 ClientSampled :

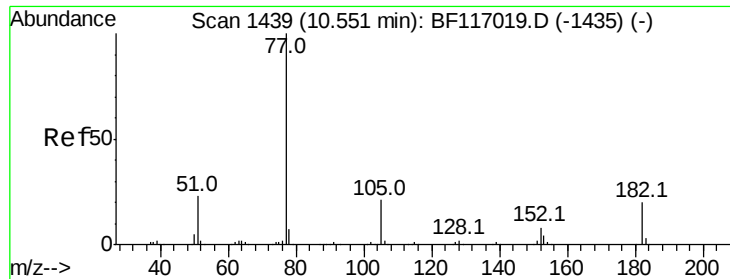
Tot Ion:	204	Resp:	126487
Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.0	39.0
141	77.0	58.2	87.2



#62
 4-Nitroaniline
 Concen: 40.367 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: BF117339.D
 Acq: 8 Oct 2019 14:38

Tgt Ion:	138	Resp:	78095
Ion	Ratio	Lower	Upper
138	100		
92	50.7	32.9	72.9
108	72.1	58.3	98.3





#63

Azobenzene

Concen: 41.755 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 303740

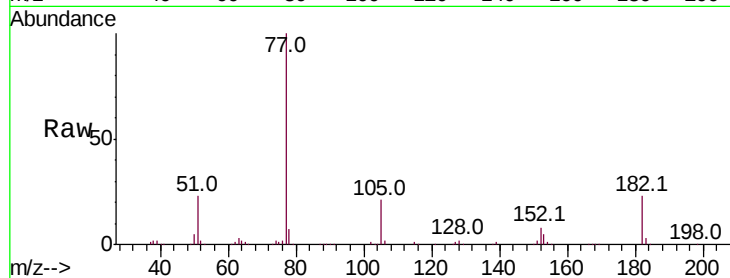
Ion Ratio Lower Upper

77 100

182 23.4 0.4 40.4

105 21.1 0.9 40.9

51 23.2 2.8 42.8

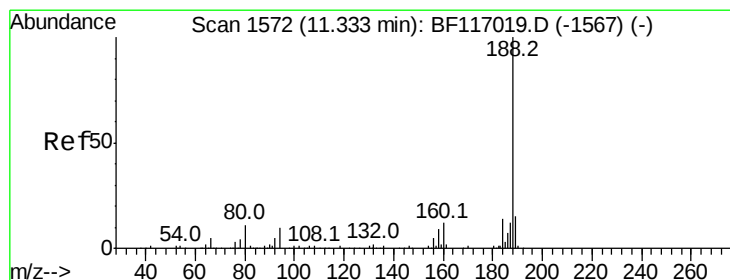
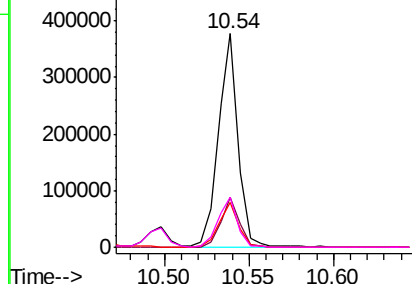
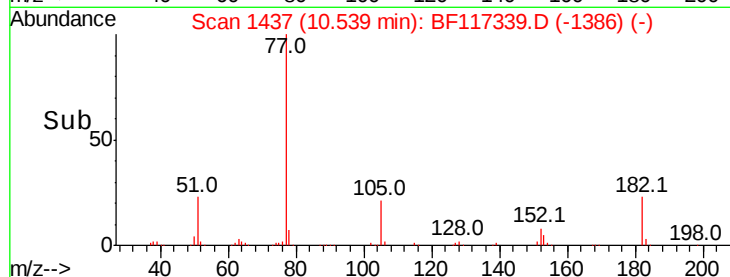


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.33 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

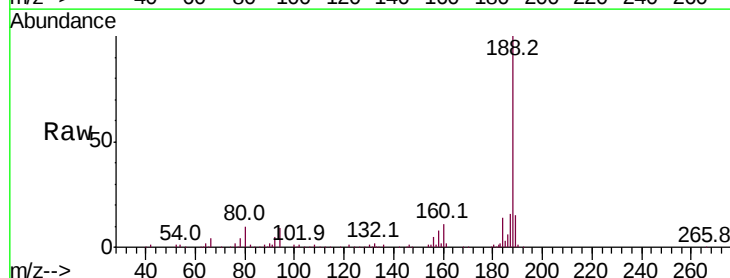
Tgt Ion: 188 Resp: 164860

Ion Ratio Lower Upper

188 100

94 9.0 8.2 12.2

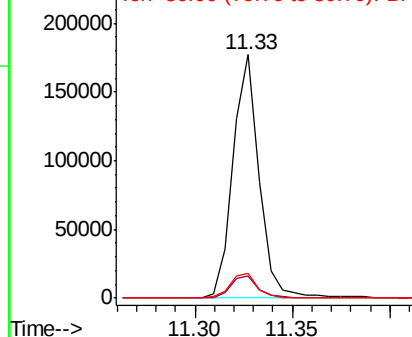
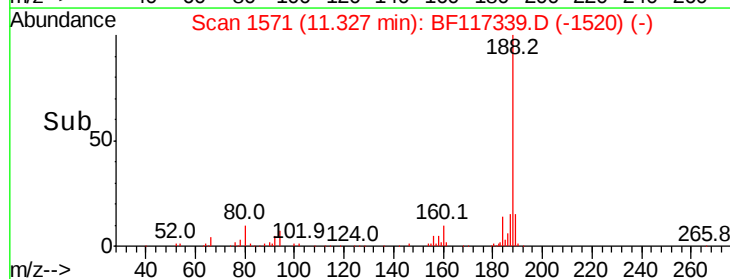
80 10.4 9.0 13.6

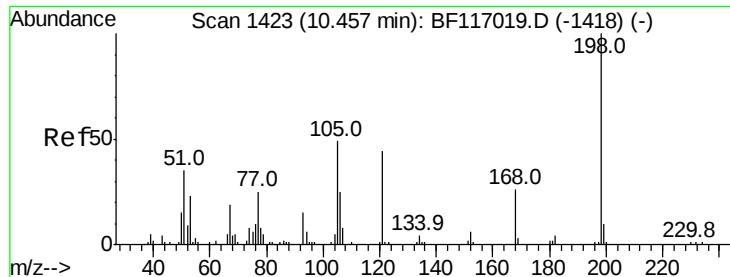


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 42.007 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

Instrument :

BNA_F

ClientSampled :

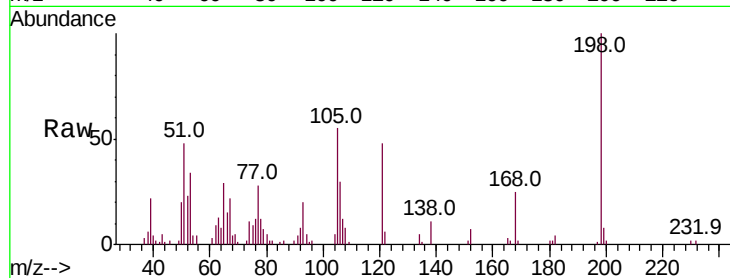
Tot Ion:198 Resp: 30799

Ion Ratio Lower Upper

198 100

51 47.7 18.7 58.7

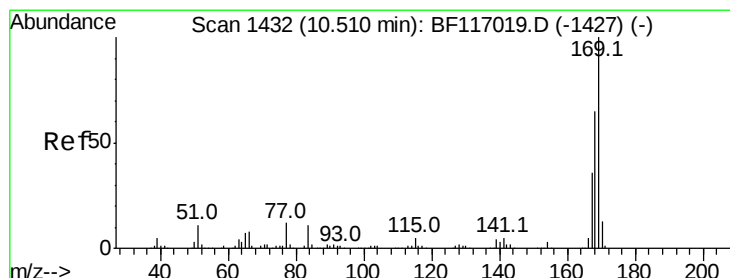
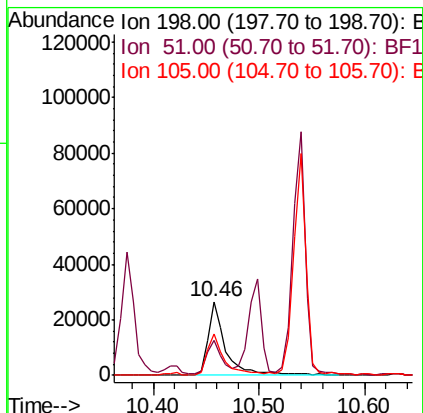
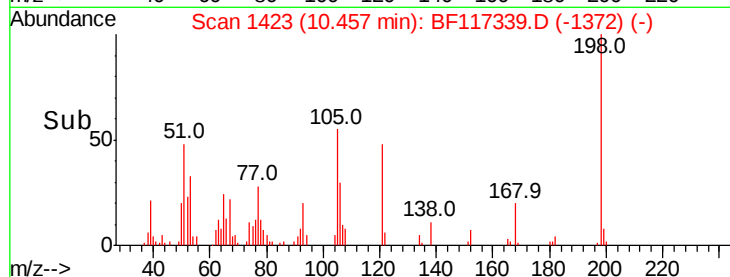
105 55.4 30.2 70.2



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: 43.508 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

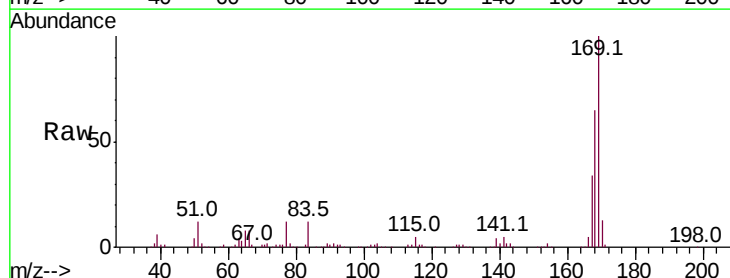
Tgt Ion:169 Resp: 247718

Ion Ratio Lower Upper

169 100

168 64.5 52.2 78.2

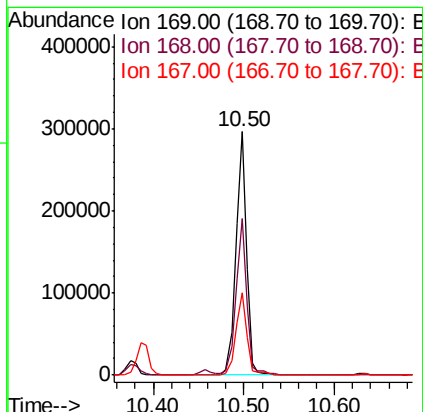
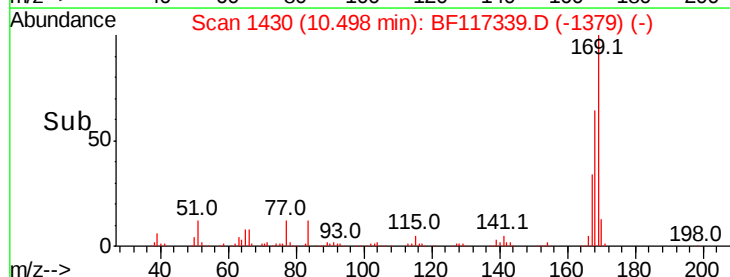
167 34.0 28.8 43.2

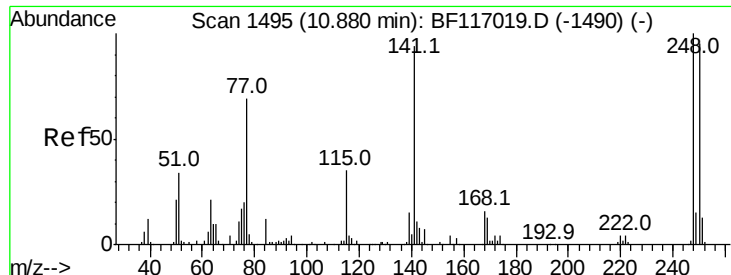


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

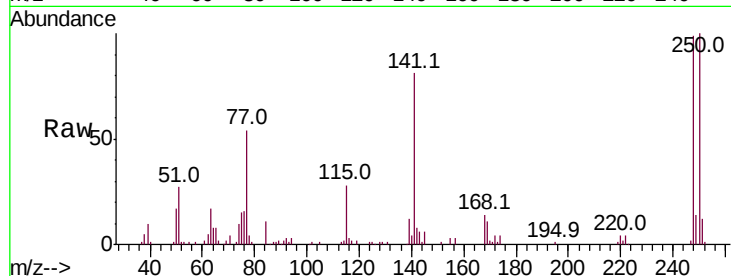




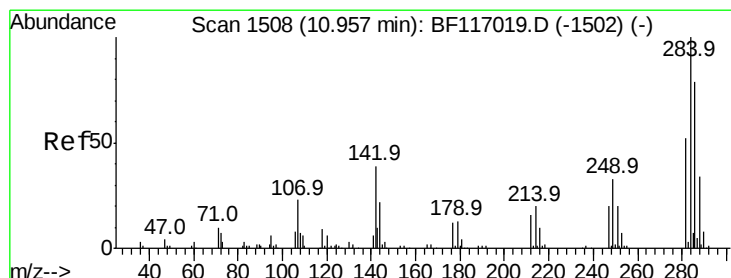
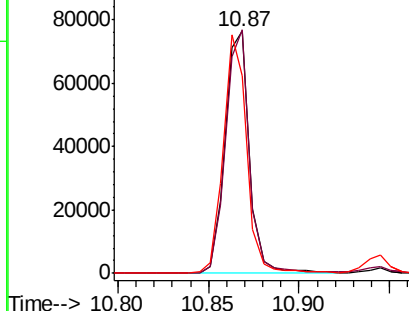
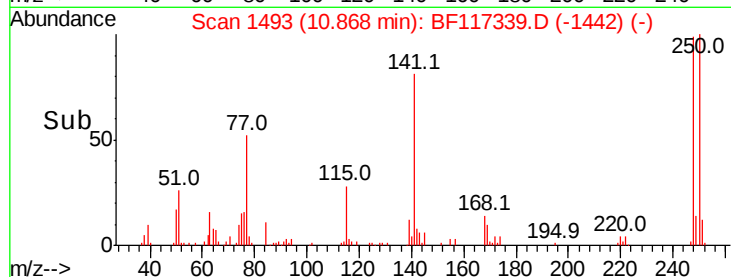
#67
 4-Bromophenyl-phenylether
 Concen: 42.460 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BF117339.D
 Acq: 8 Oct 2019 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 71486
 Ion Ratio Lower Upper
 248 100
 250 100.7 76.2 114.4
 141 81.6 75.0 112.4

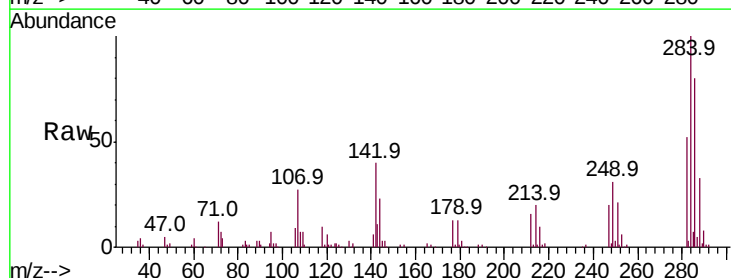


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

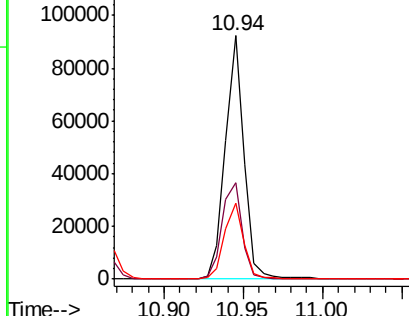
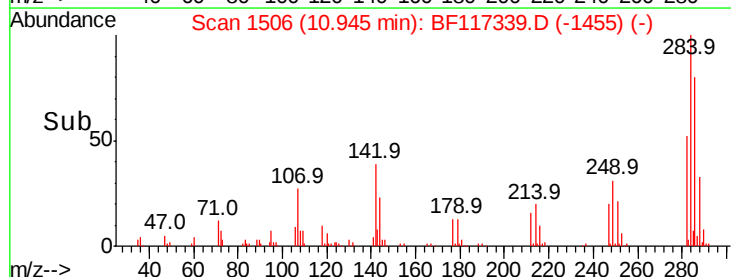


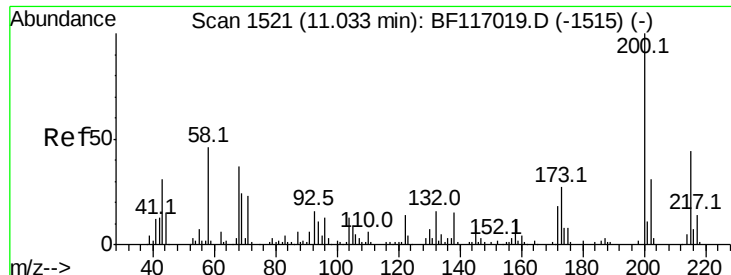
#68
 Hexachlorobenzene
 Concen: 41.048 ng
 RT: 10.94 min Scan# 1506
 Delta R.T. 0.00 min
 Lab File: BF117339.D
 Acq: 8 Oct 2019 14:38

Tgt Ion:284 Resp: 75588
 Ion Ratio Lower Upper
 284 100
 142 39.9 31.4 47.2
 249 31.3 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

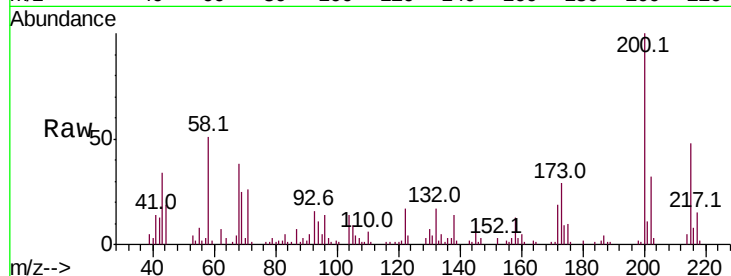




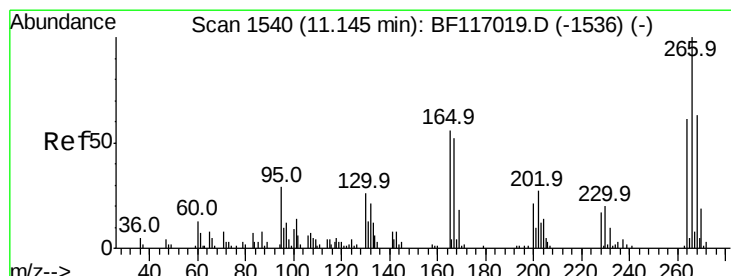
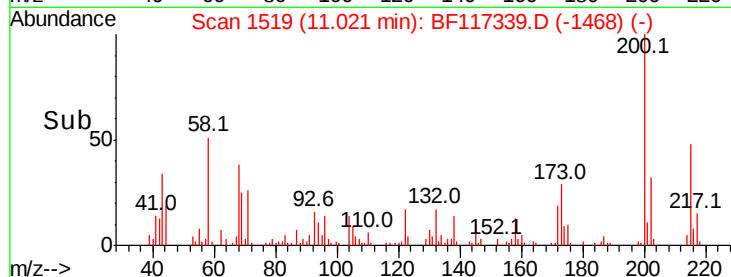
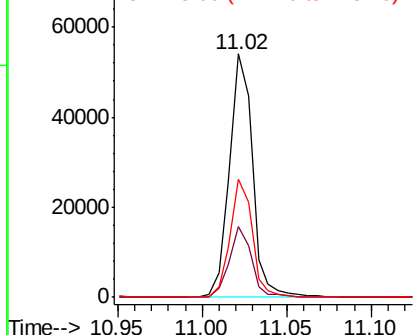
#69
 Atrazine
 Concen: 34.067 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. 0.00 min
 Lab File: BF117339.D
 Acq: 8 Oct 2019 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 51552
 Ion Ratio Lower Upper
 200 100
 173 29.0 6.9 46.9
 215 48.4 23.8 63.8

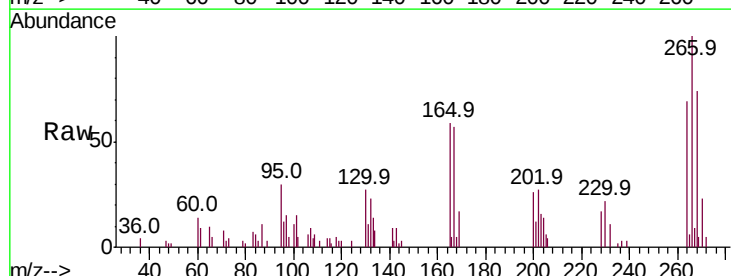


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

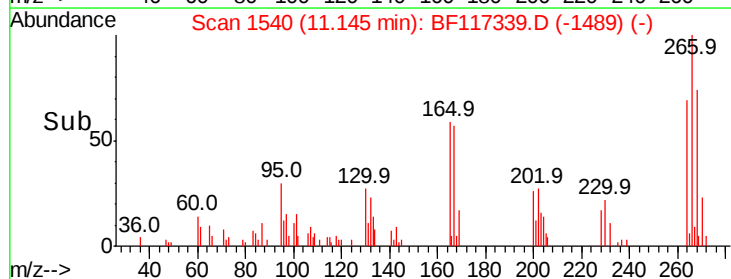
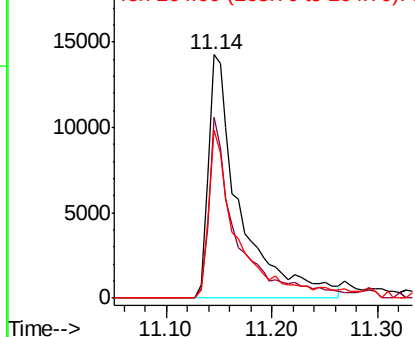


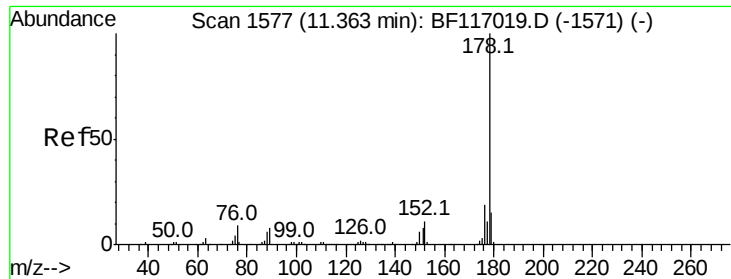
#70
 Pentachlorophenol
 Concen: 34.333 ng
 RT: 11.14 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: BF117339.D
 Acq: 8 Oct 2019 14:38

Tgt Ion:266 Resp: 29636
 Ion Ratio Lower Upper
 266 100
 268 74.5 50.5 75.7
 264 69.0 48.8 73.2



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.848 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

Instrument :

BNA_F

ClientSampled :

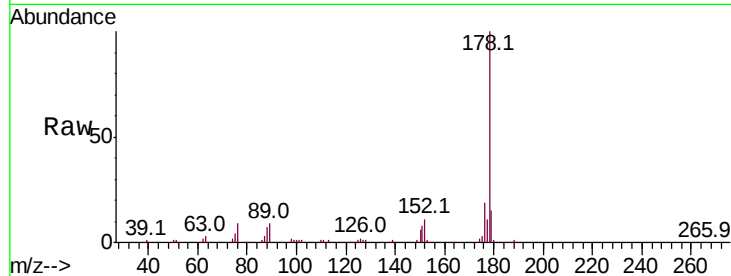
Tot Ion:178 Resp: 391863

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

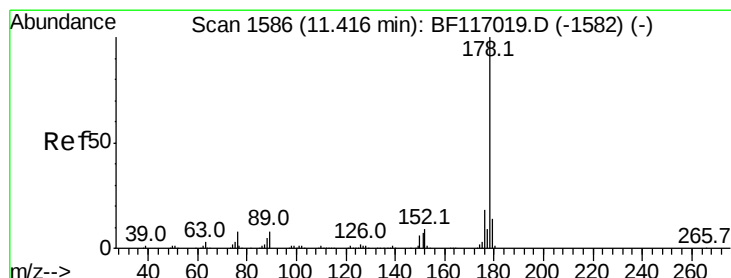
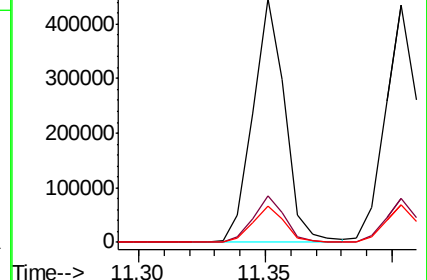
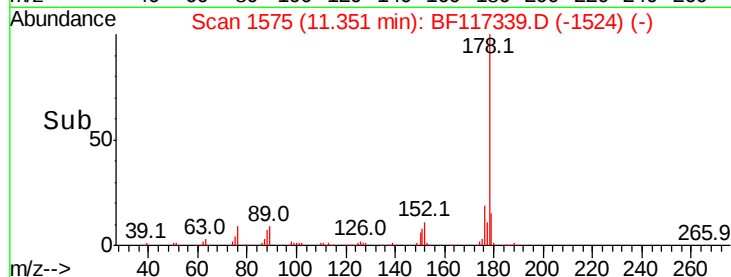
179 14.7 12.4 18.6



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: 42.406 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

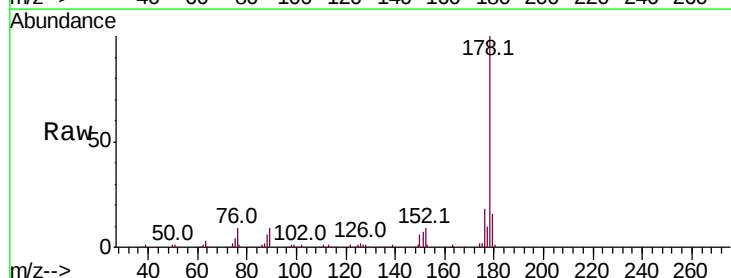
Tgt Ion:178 Resp: 405400

Ion Ratio Lower Upper

178 100

176 18.4 14.6 21.8

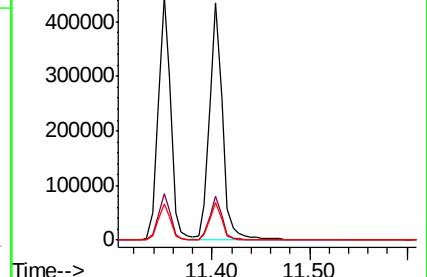
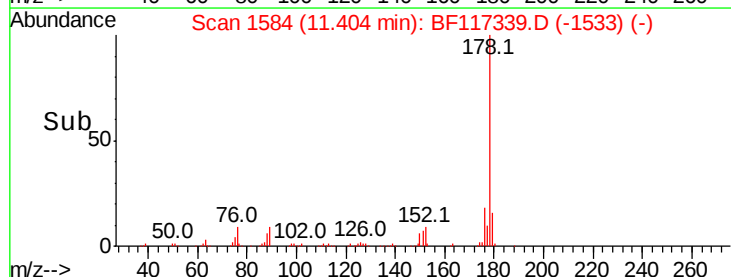
179 15.8 11.6 17.4

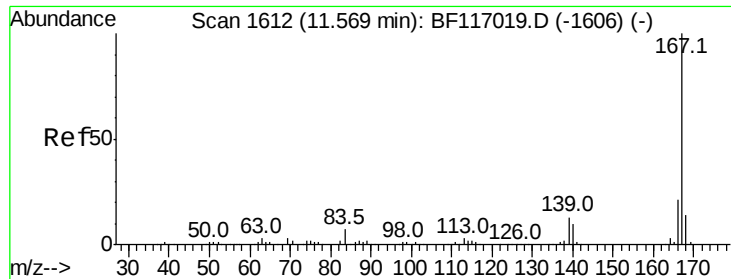


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

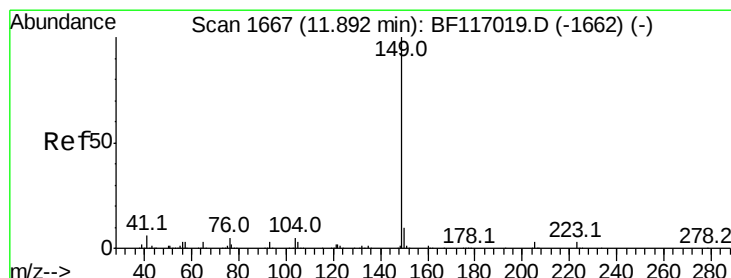
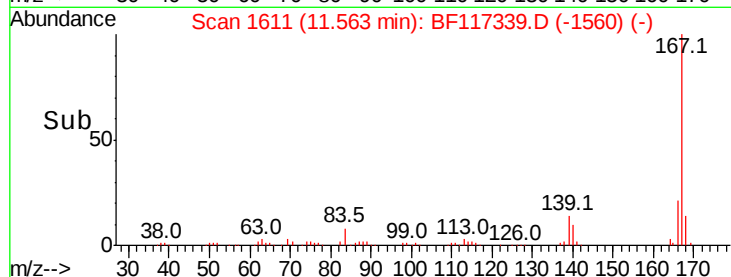
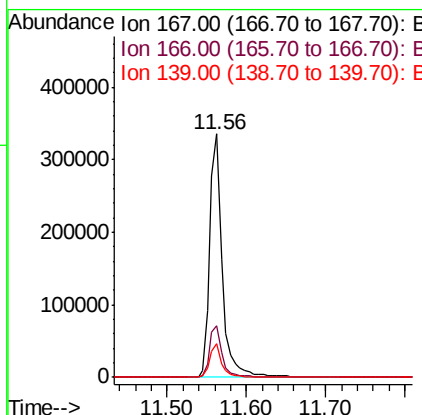
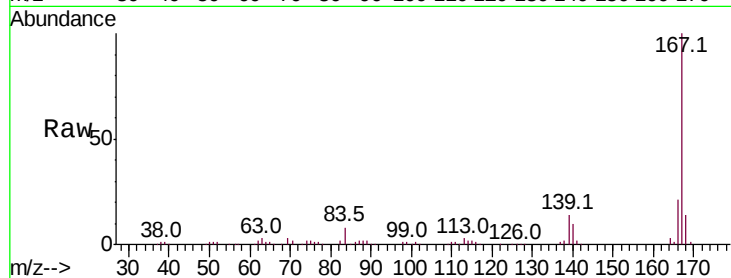




#73
 Carbazole
 Concen: 40.879 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BF117339.D
 Acq: 8 Oct 2019 14:38

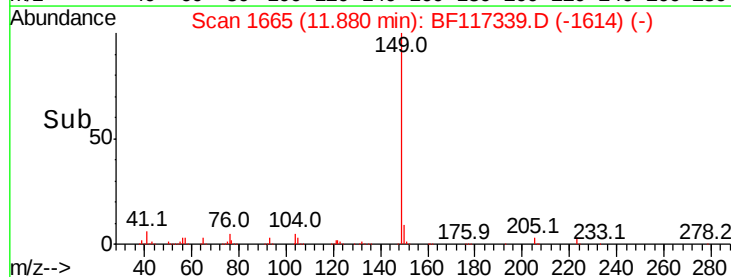
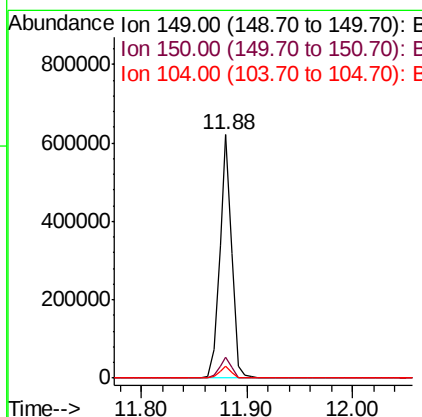
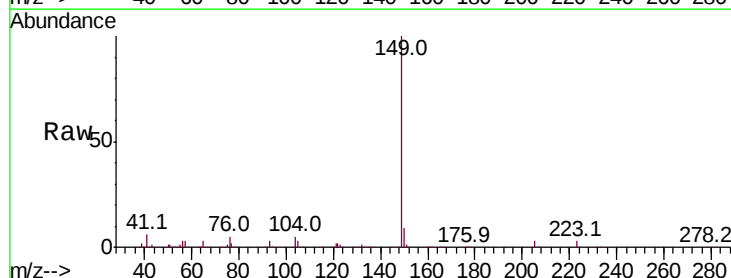
Instrument :
 BNA_F
 ClientSampleId :

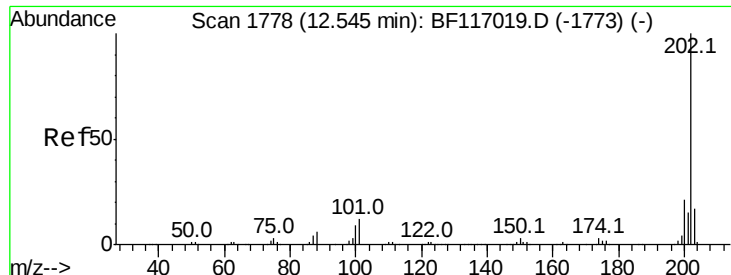
Tot Ion:167 Resp: 370950
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 13.6 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 46.008 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. 0.00 min
 Lab File: BF117339.D
 Acq: 8 Oct 2019 14:38

Tgt Ion:149 Resp: 496720
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.7 11.5
 104 5.1 4.2 6.4

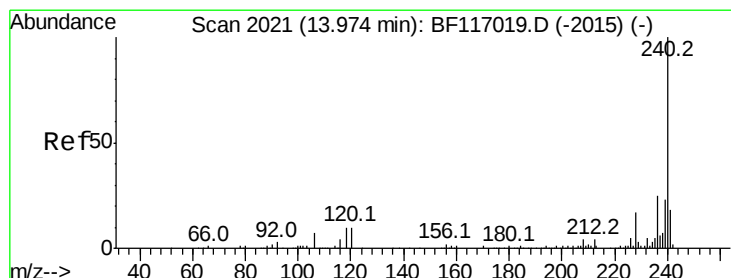
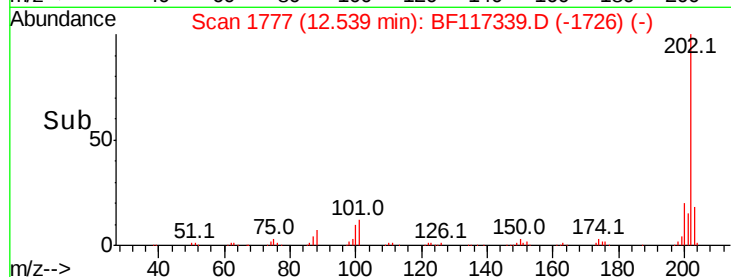
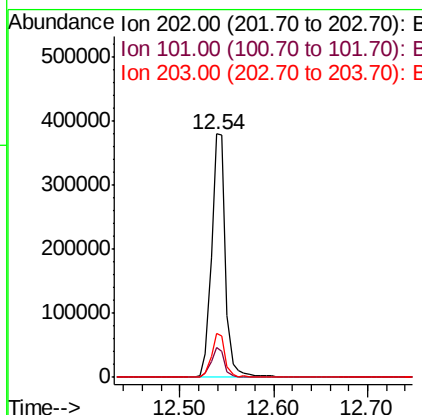
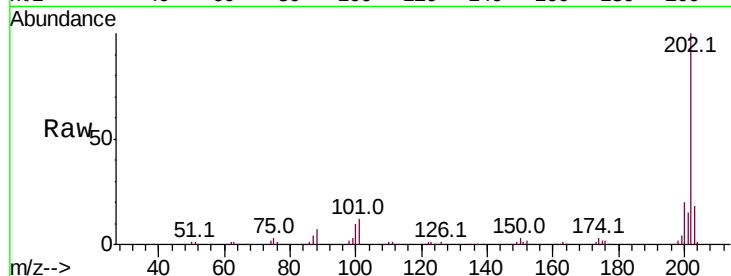




#75
 Fluoranthene
 Concen: 41.798 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: BF117339.D
 Acq: 8 Oct 2019 14:38

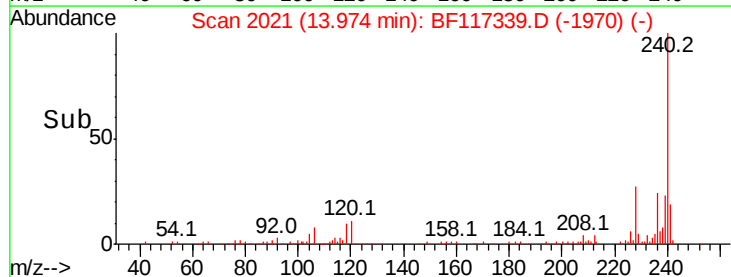
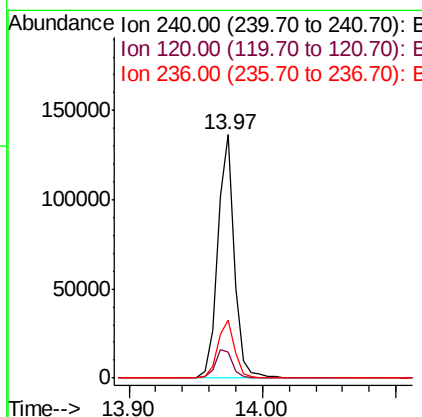
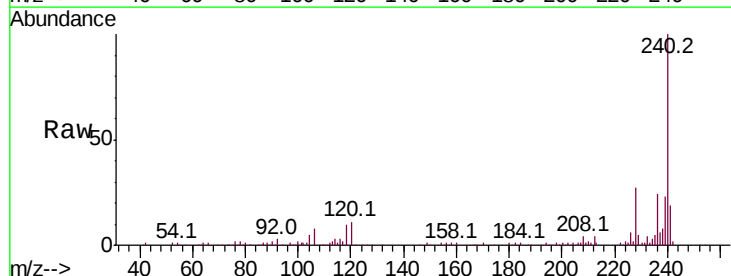
Instrument :
 BNA_F
 ClientSampleId :

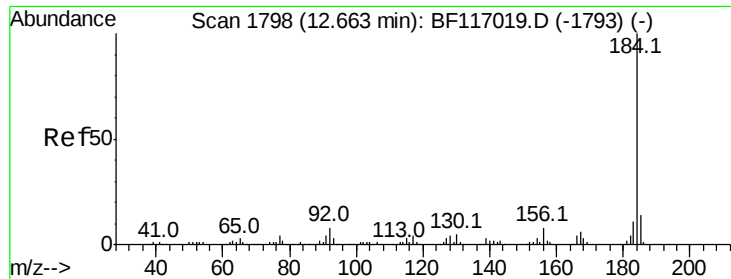
Tot Ion:202 Resp: 402161
 Ion Ratio Lower Upper
 202 100
 101 12.3 0.0 32.3
 203 18.3 0.0 37.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF117339.D
 Acq: 8 Oct 2019 14:38

Tgt Ion:240 Resp: 119835
 Ion Ratio Lower Upper
 240 100
 120 10.6 8.3 12.5
 236 23.6 20.3 30.5





#77

Benzidine

Concen: 39.679 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

Instrument :

BNA_F

ClientSampleId :

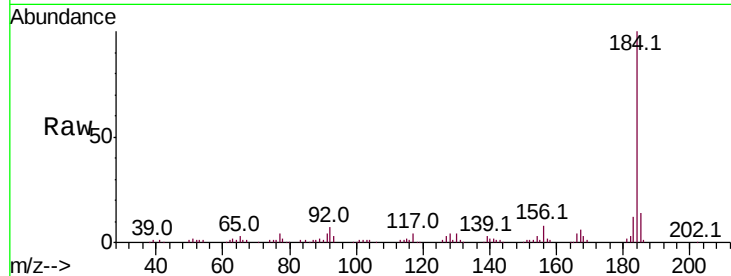
Tot Ion:184 Resp: 153167

Ion Ratio Lower Upper

184 100

185 13.6 11.6 17.4

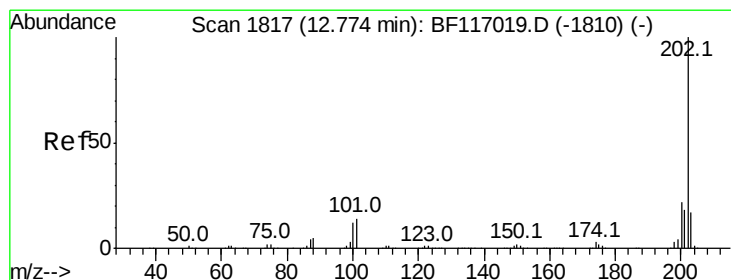
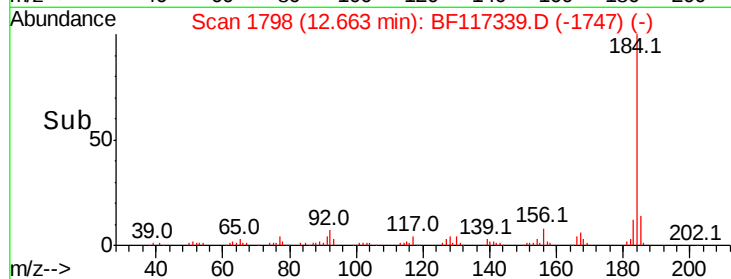
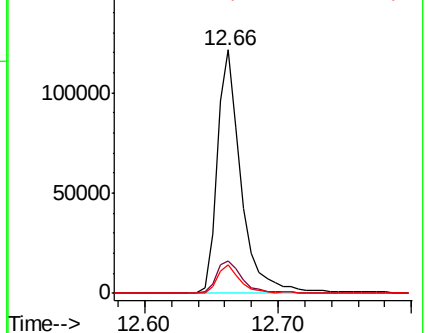
183 11.7 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.429 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

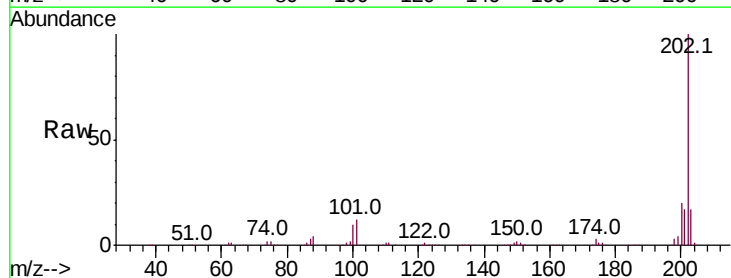
Tgt Ion:202 Resp: 406519

Ion Ratio Lower Upper

202 100

200 19.8 17.2 25.8

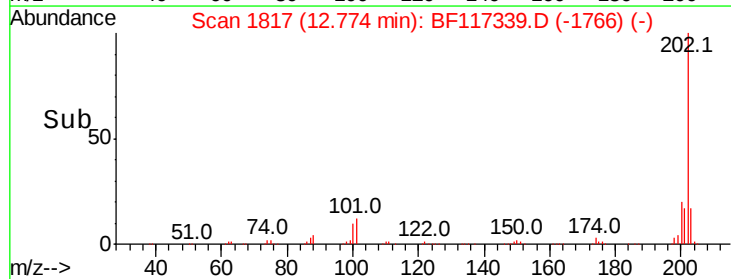
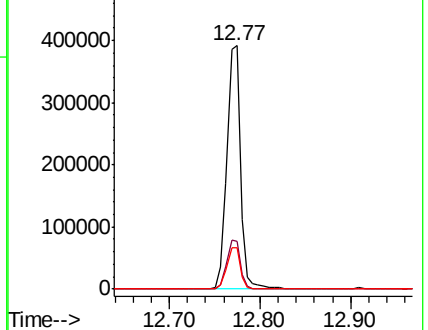
203 17.0 14.0 21.0

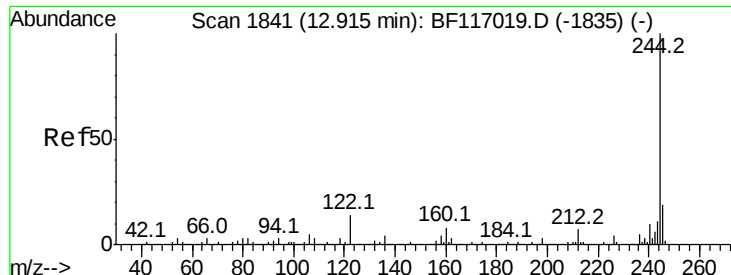


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.694 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

Instrument :

BNA_F

ClientSampleId :

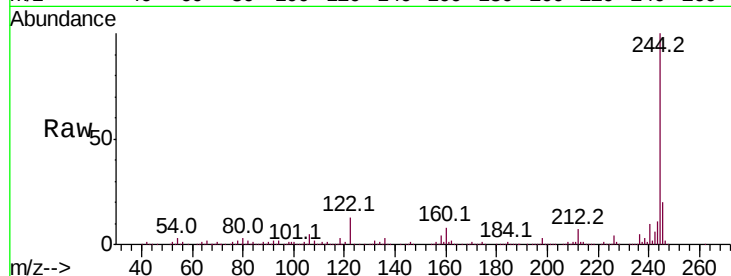
Tot Ion:244 Resp: 562202

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

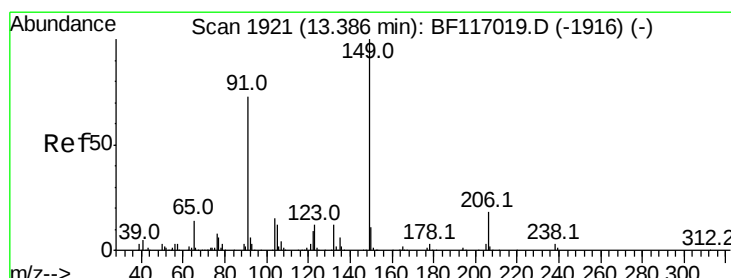
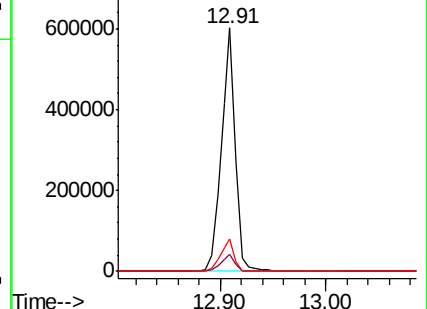
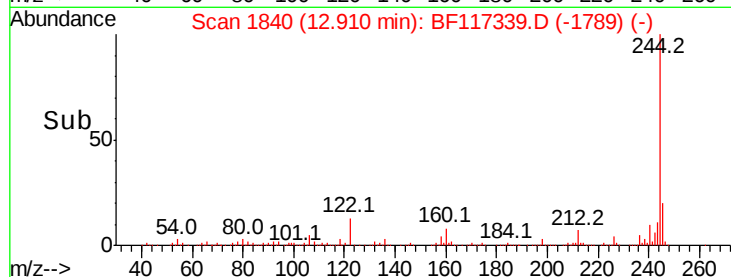
122 13.1 11.3 16.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.220 ng

RT: 13.37 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

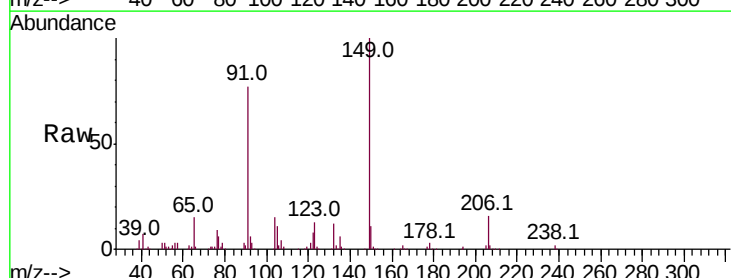
Tgt Ion:149 Resp: 205346

Ion Ratio Lower Upper

149 100

91 76.6 58.8 88.2

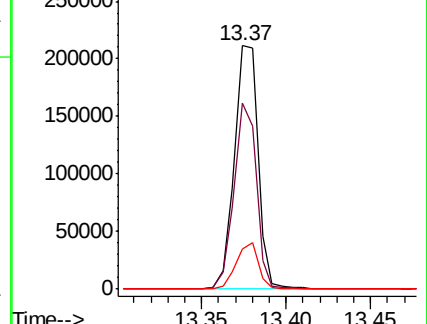
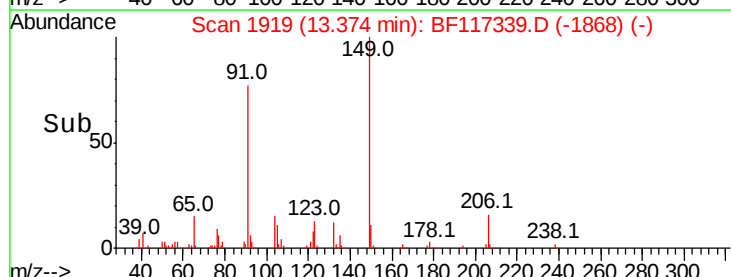
206 16.3 14.1 21.1

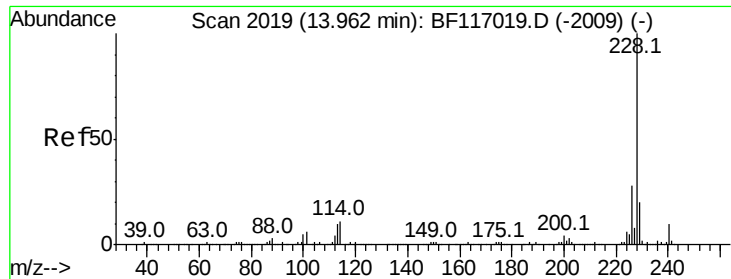


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.990 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

Instrument :

BNA_F

ClientSampleId :

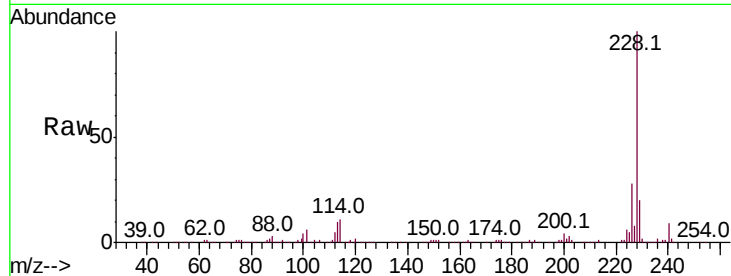
Tot Ion:228 Resp: 328182

Ion Ratio Lower Upper

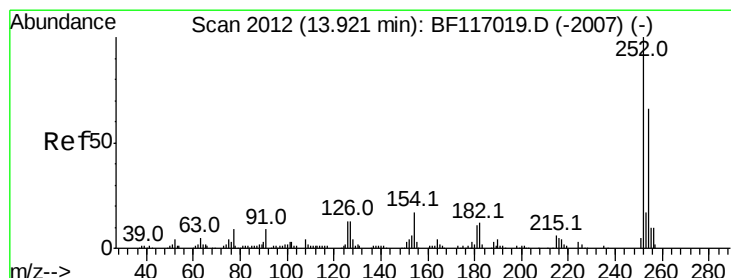
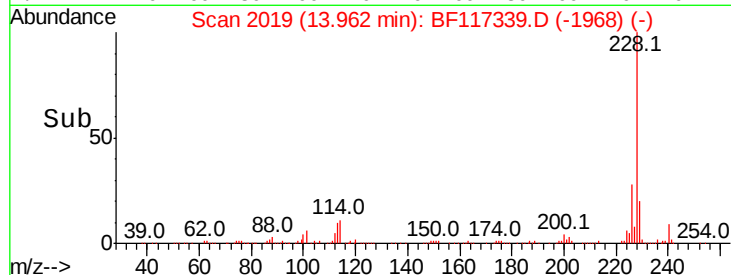
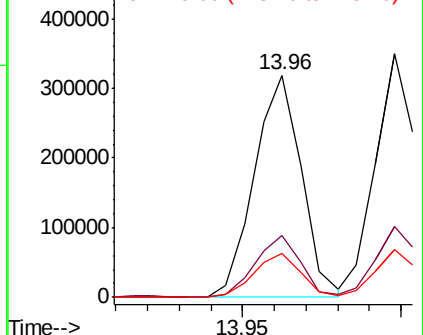
228 100

226 27.6 22.3 33.5

229 19.6 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: 40.670 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

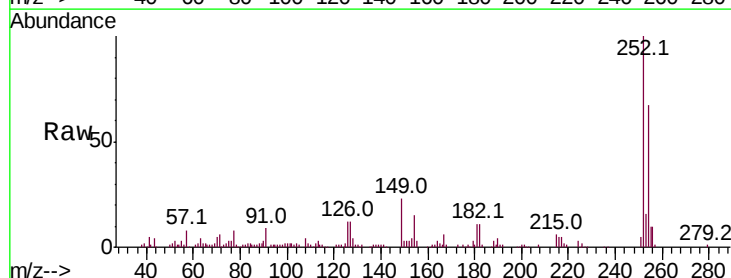
Tgt Ion:252 Resp: 104928

Ion Ratio Lower Upper

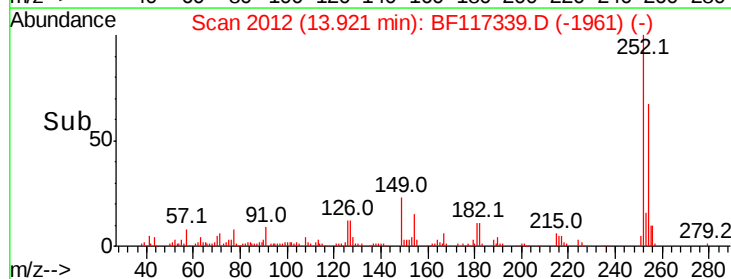
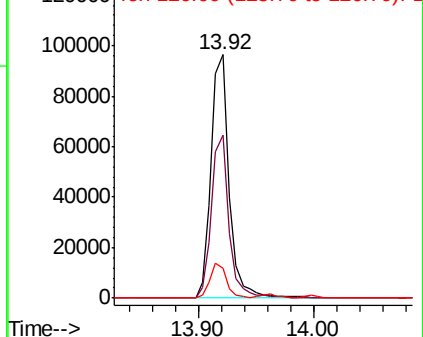
252 100

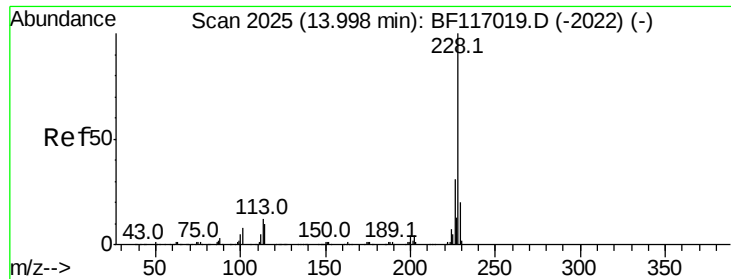
254 66.9 52.6 79.0

126 12.2 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: 41.417 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

Instrument :

BNA_F

ClientSampleId :

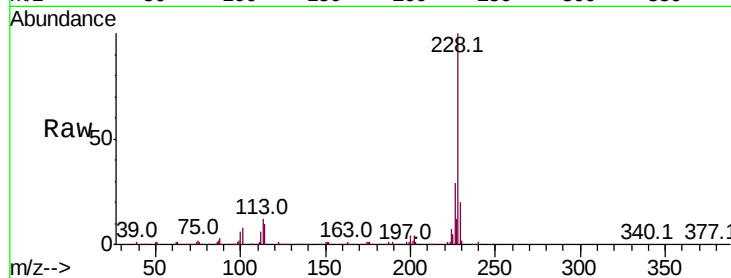
Tot Ion:228 Resp: 323412

Ion Ratio Lower Upper

228 100

226 29.3 24.8 37.2

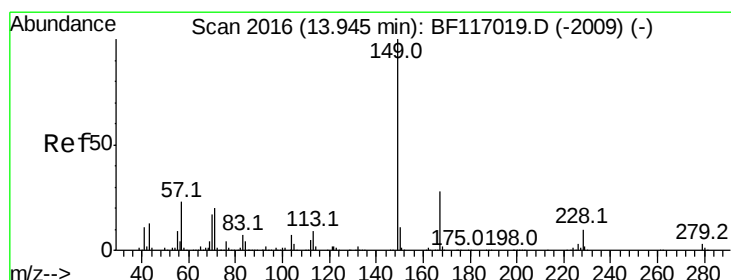
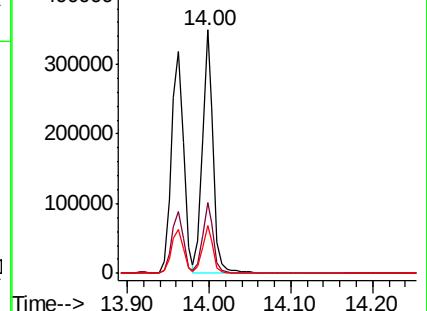
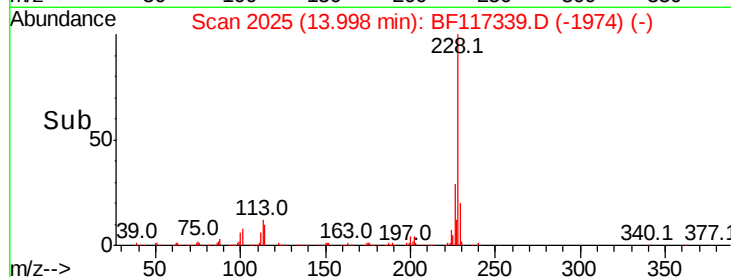
229 19.6 15.8 23.8



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: 46.386 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BF117339.D

Acq: 8 Oct 2019 14:38

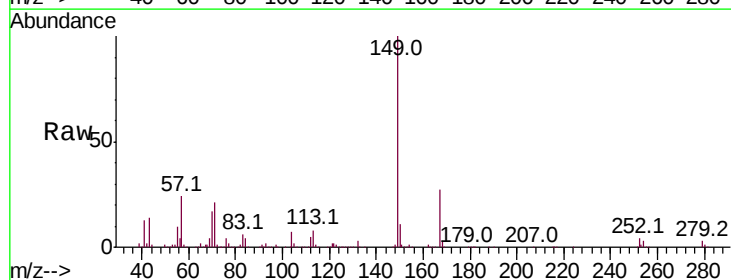
Tgt Ion:149 Resp: 284160

Ion Ratio Lower Upper

149 100

167 26.6 22.2 33.2

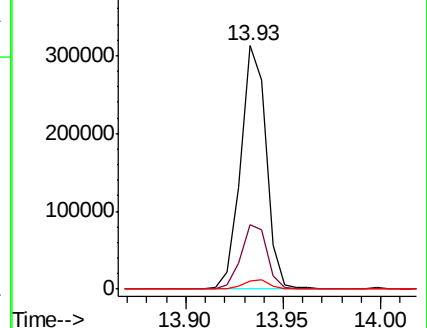
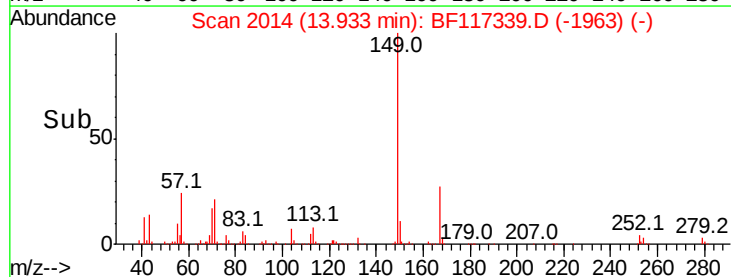
279 3.2 2.8 4.2

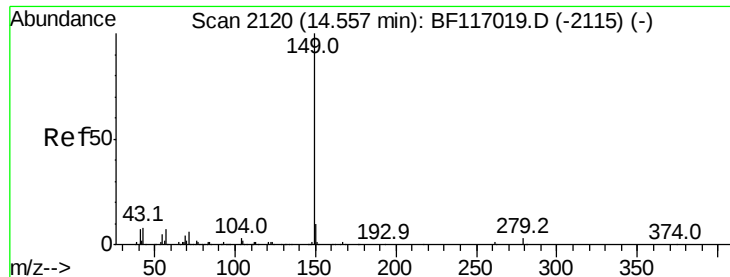


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

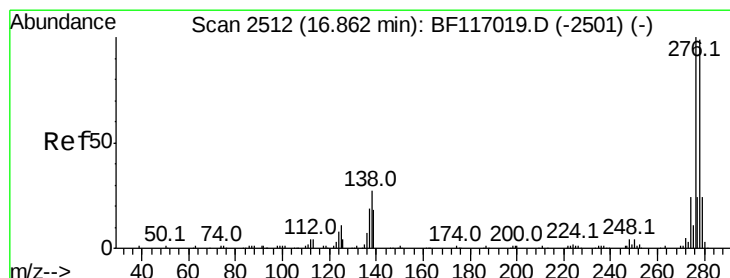
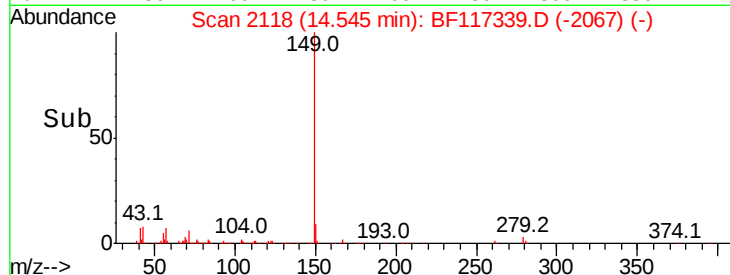
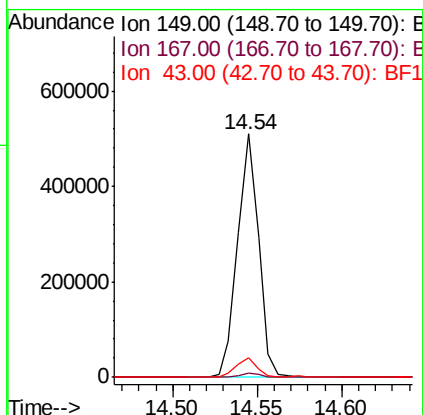
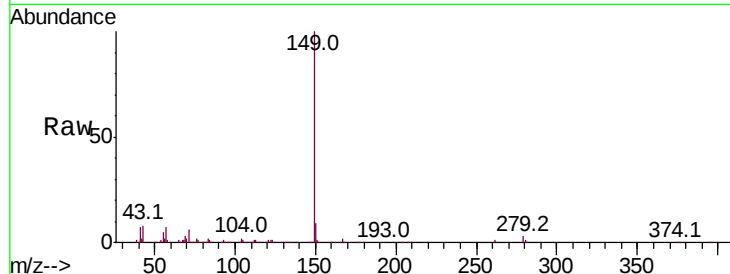




#85
Di-n-octyl phthalate
Concen: 45.704 ng
RT: 14.54 min Scan# 2118
Delta R.T. 0.00 min
Lab File: BF117339.D
Acq: 8 Oct 2019 14:38

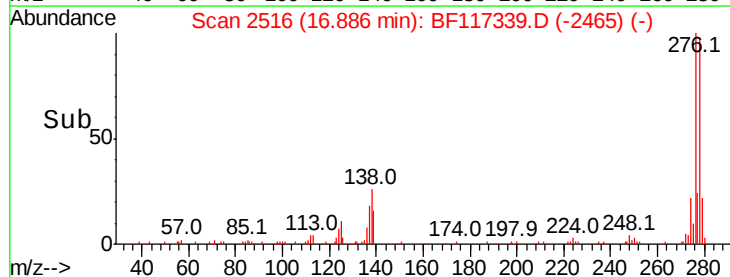
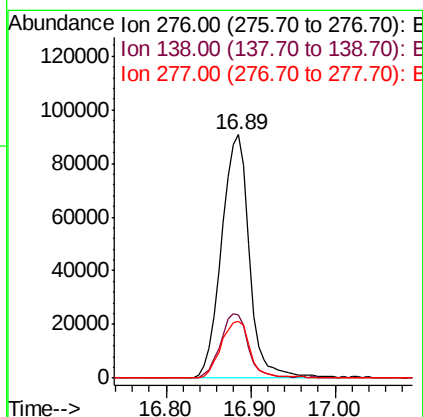
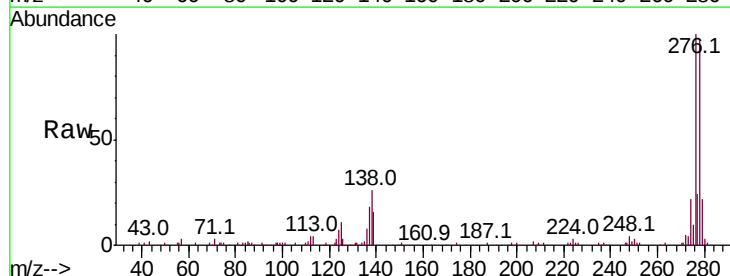
Instrument :
BNA_F
ClientSampleId :

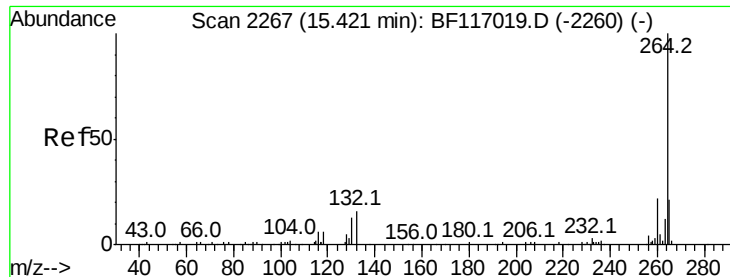
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.9	6.2	9.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 36.368 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.00 min
Lab File: BF117339.D
Acq: 8 Oct 2019 14:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.6	20.7	31.1
277	24.4	19.8	29.8



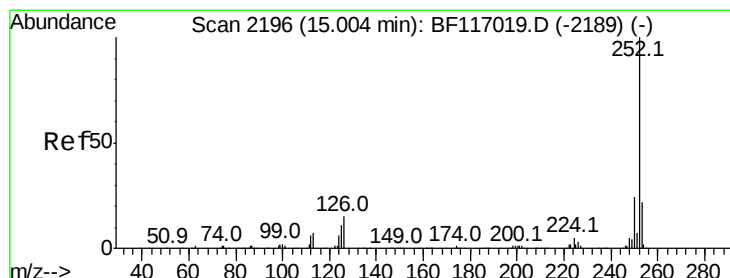
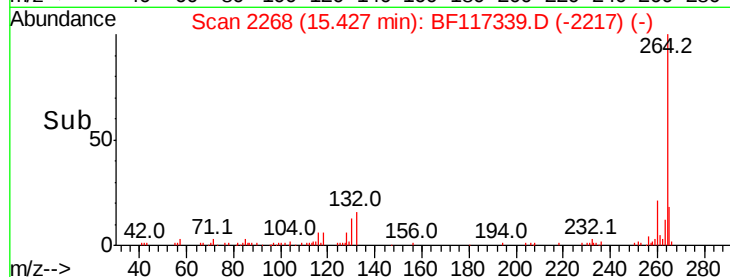
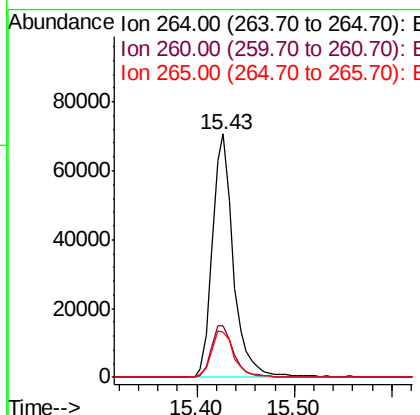
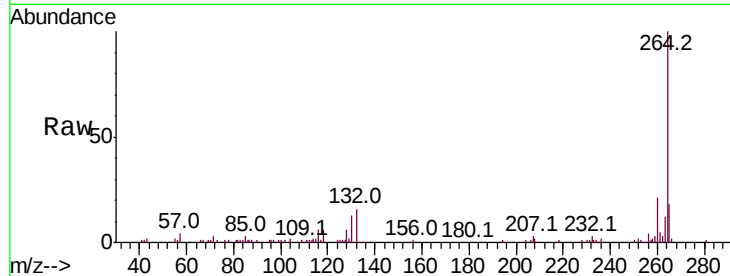


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF117339.D
Acq: 8 Oct 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 105300

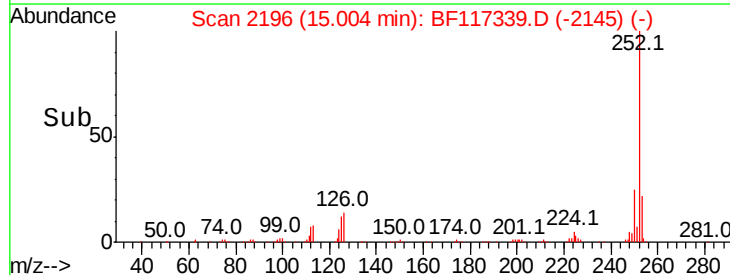
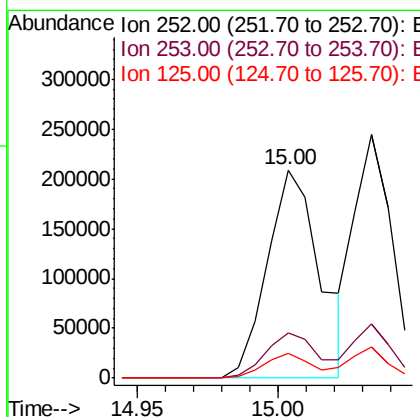
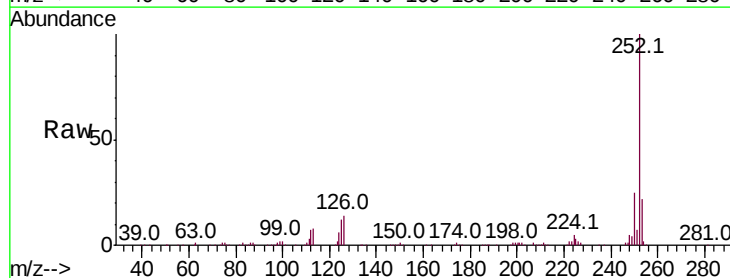
Ion	Ratio	Lower	Upper
264	100		
260	21.4	17.6	26.4
265	18.3	16.6	24.8

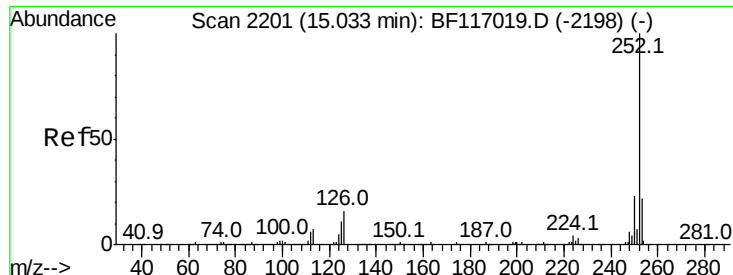


#88
Benzo(b)fluoranthene
Concen: 42.581 ng
RT: 15.00 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF117339.D
Acq: 8 Oct 2019 14:38

Tgt Ion:252 Resp: 271601

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	11.8	8.6	12.8

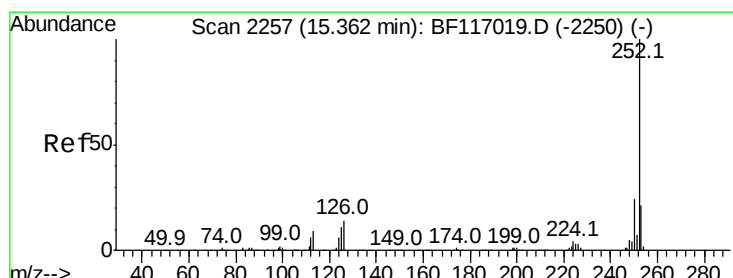
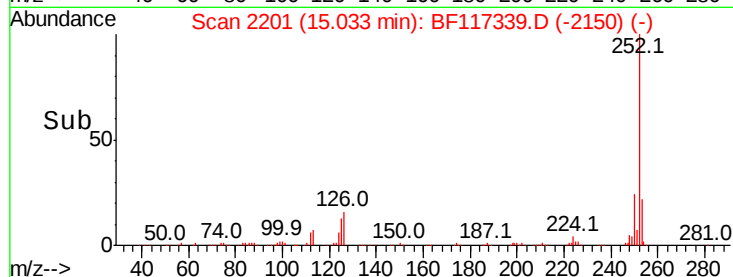
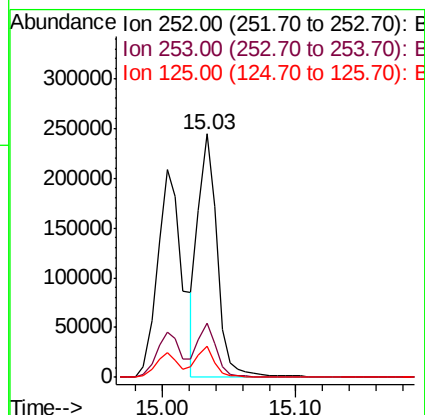
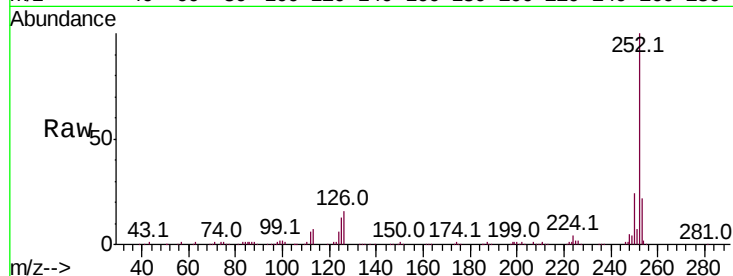




#89
Benzo(k)fluoranthene
Concen: 39.310 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF117339.D
Acq: 8 Oct 2019 14:38

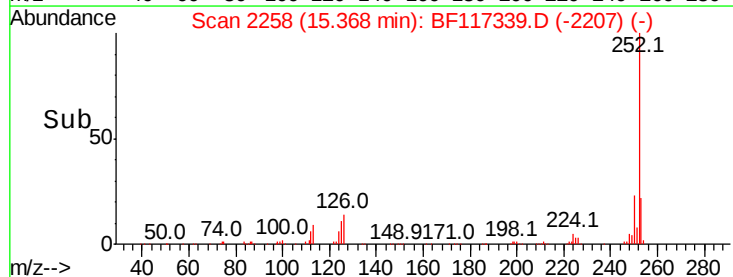
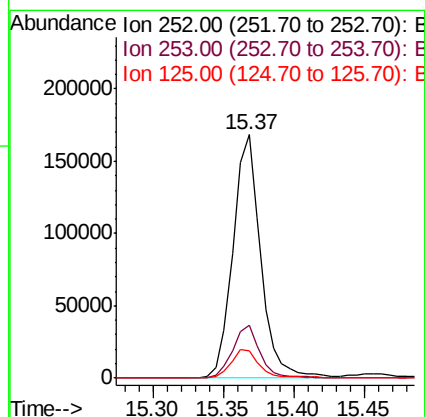
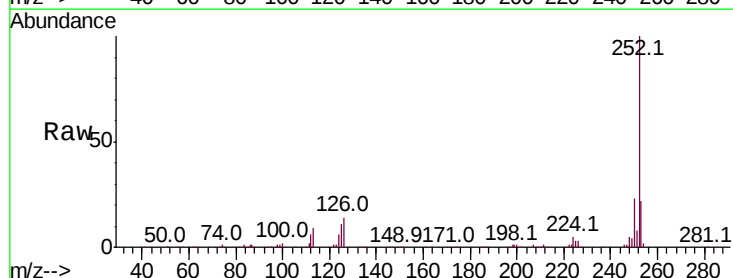
Instrument :
BNA_F
ClientSampleId :

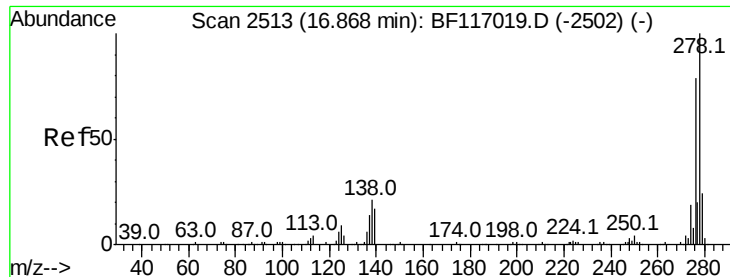
Tot Ion:252 Resp: 237513
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 12.6 8.8 13.2



#90
Benzo(a)pyrene
Concen: 41.252 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BF117339.D
Acq: 8 Oct 2019 14:38

Tgt Ion:252 Resp: 230894
Ion Ratio Lower Upper
252 100
253 21.6 16.6 25.0
125 11.1 8.9 13.3

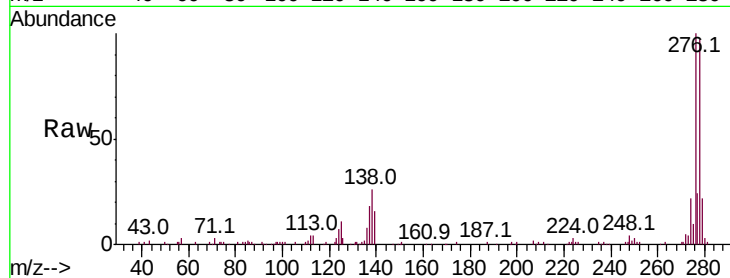




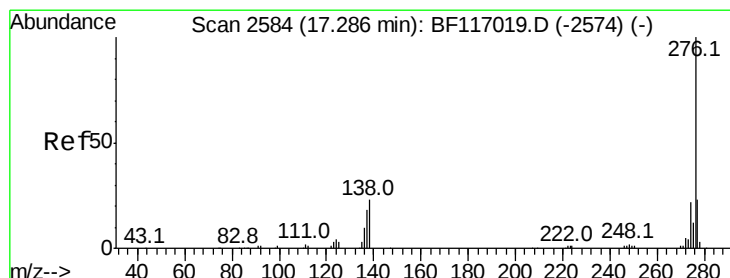
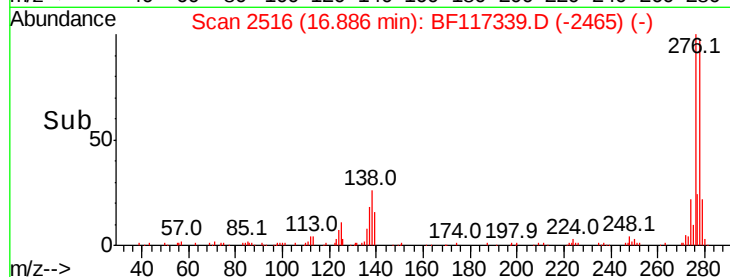
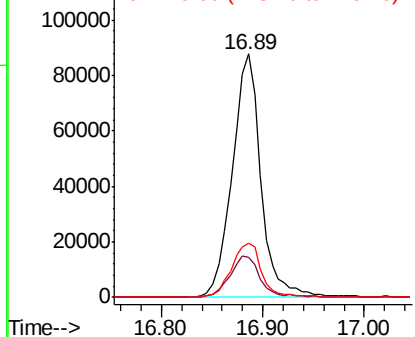
#91
Dibenzo(a,h)anthracene
Concen: 38.668 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.00 min
Lab File: BF117339.D
Acq: 8 Oct 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 172415
Ion Ratio Lower Upper
278 100
139 16.5 13.5 20.3
279 22.5 18.8 28.2

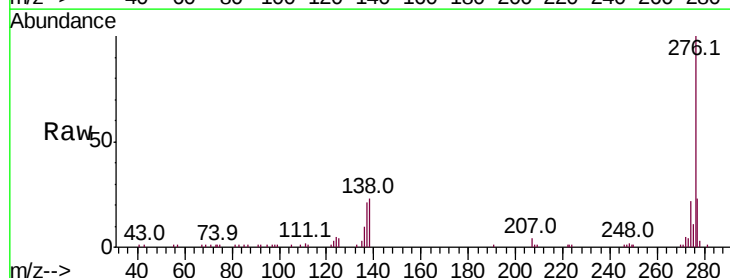


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 35.218 ng
RT: 17.32 min Scan# 2590
Delta R.T. 0.00 min
Lab File: BF117339.D
Acq: 8 Oct 2019 14:38

Tgt Ion:276 Resp: 156483
Ion Ratio Lower Upper
276 100
277 23.0 18.6 27.8
138 23.3 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

