

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
 Data File : BF117049.D
 Acq On : 16 Sep 2019 8:31
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 16 11:37:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	68820	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	283464	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	148588	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	244575	20.00	ng	0.00
76) Chrysene-d12	13.97	240	170791	20.00	ng	0.00
87) Perylene-d12	15.41	264	142572	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	330241	74.92	ng	0.00
7) Phenol-d6	6.46	99	432108	75.85	ng	0.00
23) Nitrobenzene-d5	7.39	82	411345	76.25	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	93234	75.08	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	728242	76.63	ng	0.00
79) Terphenyl-d14	12.92	244	723438	79.18	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.56	88	66946	36.295	ng	99
3) Pyridine	3.31	79	185188	36.681	ng	96
4) n-Nitrosodimethylamine	3.25	42	60448	34.889	ng	98
6) Aniline	6.49	93	280713	38.273	ng	99
8) 2-Chlorophenol	6.61	128	178817	37.603	ng	98
9) Benzaldehyde	6.37	77	118559	42.162	ng	99
10) Phenol	6.47	94	238841	38.031	ng	99
11) bis(2-Chloroethyl)ether	6.56	93	167113	36.205	ng	98
12) 1,3-Dichlorobenzene	6.77	146	199694	37.423	ng	97
13) 1,4-Dichlorobenzene	6.85	146	201621	37.024	ng	98
14) 1,2-Dichlorobenzene	7.00	146	189115	37.300	ng	98
15) Benzyl Alcohol	6.97	79	169650	38.834	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	168675	36.989	ng	96
17) 2-Methylphenol	7.08	107	151361	37.978	ng	96
18) Hexachloroethane	7.34	117	78211	37.333	ng	91
19) n-Nitroso-di-n-propylamine	7.24	70	132920	38.318	ng	97
20) 3+4-Methylphenols	7.23	107	192168	38.710	ng	98
22) Acetophenone	7.23	105	274426	38.104	ng	99
24) Nitrobenzene	7.40	77	202300	37.971	ng	99
25) Isophorone	7.65	82	362710	37.971	ng	100
26) 2-Nitrophenol	7.72	139	86912	37.979	ng	95
27) 2,4-Dimethylphenol	7.76	122	136890	37.721	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	222445	37.797	ng	99
29) 2,4-Dichlorophenol	7.96	162	146944	38.644	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	155986	37.970	ng	97
31) Naphthalene	8.13	128	520052	38.147	ng	99
32) Benzoic acid	7.88	122	84664	33.246	ng	94
33) 4-Chloroaniline	8.17	127	237868	39.339	ng	99
34) Hexachlorobutadiene	8.25	225	88443	37.946	ng	98
35) Caprolactam	8.54	113	47891	37.209	ng	99
36) 4-Chloro-3-methylphenol	8.66	107	172588	38.925	ng	97
37) 2-Methylnaphthalene	8.82	142	349998	38.125	ng	100
38) 1-Methylnaphthalene	8.92	142	330949	38.491	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	143802	37.478	ng	99

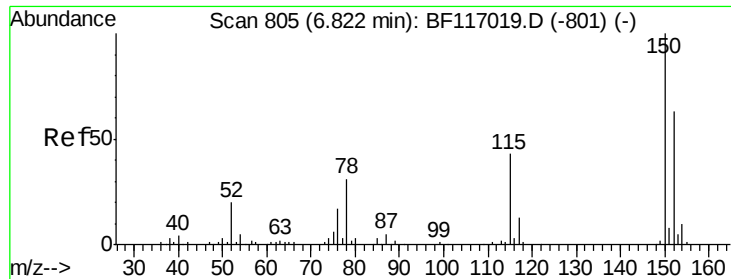
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
 Data File : BF117049.D
 Acq On : 16 Sep 2019 8:31
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 16 11:37:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	49086	33.950	ng	96
43) 2,4,6-Trichlorophenol	9.09	196	97182	37.322	ng	100
44) 2,4,5-Trichlorophenol	9.14	196	104491	37.560	ng	94
46) 1,1'-Biphenyl	9.27	154	434965	37.319	ng	98
47) 2-Chloronaphthalene	9.30	162	345156	37.523	ng	99
48) 2-Nitroaniline	9.40	65	114250	38.723	ng	97
49) Acenaphthylene	9.72	152	520574	37.778	ng	100
50) Dimethylphthalate	9.57	163	392380	37.296	ng	99
51) 2,6-Dinitrotoluene	9.64	165	82480	38.493	ng	99
52) Acenaphthene	9.89	154	306039	37.466	ng	99
53) 3-Nitroaniline	9.80	138	101602	37.582	ng	91
54) 2,4-Dinitrophenol	9.92	184	27433	35.419	ng	92
55) Dibenzofuran	10.06	168	459709	38.144	ng	96
56) 4-Nitrophenol	9.97	139	61697	35.212	ng	93
57) 2,4-Dinitrotoluene	10.05	165	110113	39.589	ng	96
58) Fluorene	10.40	166	368503	37.958	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	78584	36.913	ng	97
60) Diethylphthalate	10.27	149	395596	38.220	ng	98
61) 4-Chlorophenyl-phenylether	10.39	204	162573	38.704	ng	97
62) 4-Nitroaniline	10.42	138	108163	38.472	ng	95
63) Azobenzene	10.55	77	393309	37.205	ng	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	35899	34.484	ng	79
66) n-Nitrosodiphenylamine	10.51	169	319202	37.791	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	93865	37.581	ng	98
68) Hexachlorobenzene	10.95	284	103975	38.060	ng	93
69) Atrazine	11.03	200	82698	37.654	ng	98
70) Pentachlorophenol	11.15	266	46434	36.261	ng	94
71) Phenanthrene	11.36	178	530925	38.219	ng	99
72) Anthracene	11.41	178	540558	38.115	ng	99
73) Carbazole	11.56	167	509113	37.819	ng	99
74) Di-n-butylphthalate	11.89	149	619680	38.689	ng	99
75) Fluoranthene	12.54	202	544106	38.119	ng	97
77) Benzidine	12.66	184	226206	41.116	ng	99
78) Pyrene	12.77	202	548286	38.260	ng	99
80) Butylbenzylphthalate	13.38	149	260859	38.523	ng	98
81) Benzo(a)anthracene	13.96	228	432465	37.900	ng	98
82) 3,3'-Dichlorobenzidine	13.92	252	137344	37.352	ng	99
83) Chrysene	14.00	228	416958	37.465	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	336266	38.515	ng	# 99
85) Di-n-octyl phthalate	14.55	149	506563	36.863	ng	100
86) Indeno(1,2,3-cd)pyrene	16.84	276	282128	34.747	ng	98
88) Benzo(b)fluoranthene	14.99	252	339153	39.272	ng	98
89) Benzo(k)fluoranthene	15.02	252	311570	38.086	ng	99
90) Benzo(a)pyrene	15.35	252	289345	38.181	ng	99
91) Dibenzo(a,h)anthracene	16.86	278	229280	37.978	ng	98
92) Benzo(g,h,i)perylene	17.28	276	226465	37.644	ng	100

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

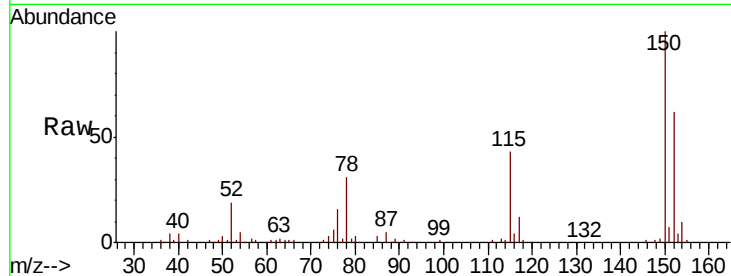


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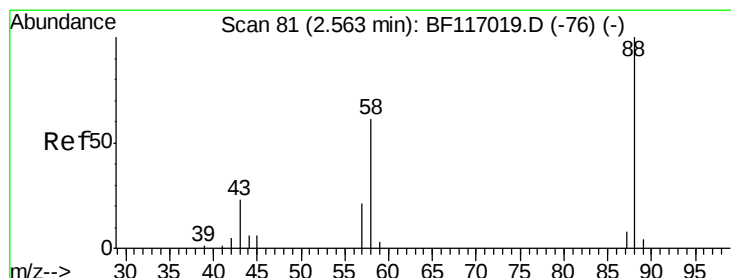
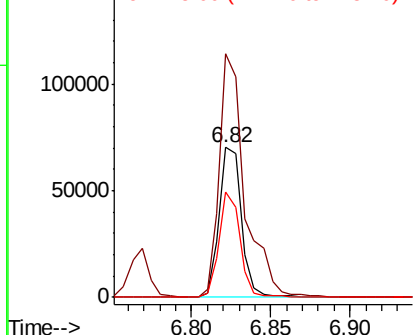
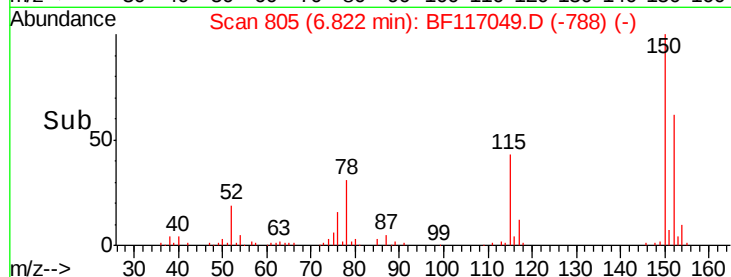
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 68820
Ion Ratio Lower Upper
152 100
150 162.3 127.5 191.3
115 70.3 55.0 82.4



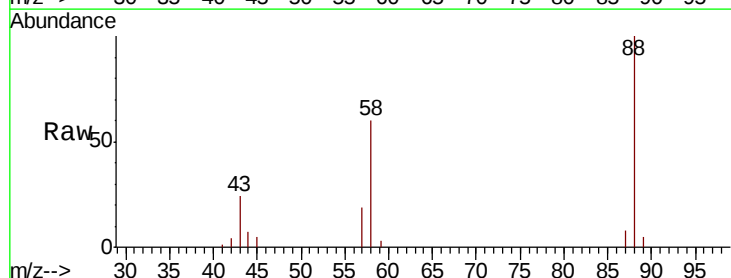
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



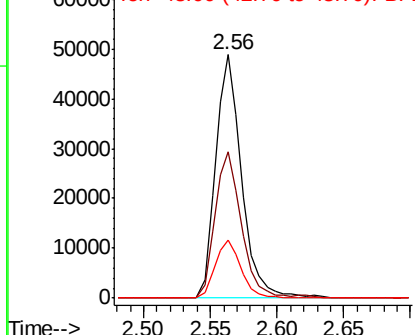
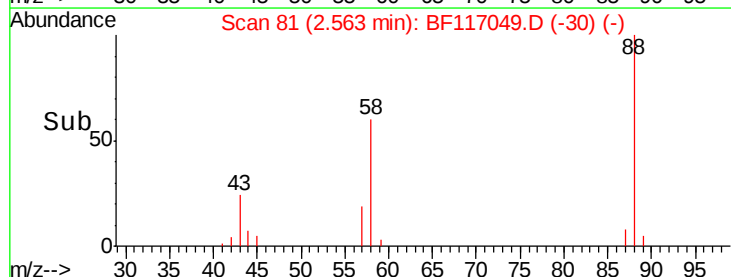
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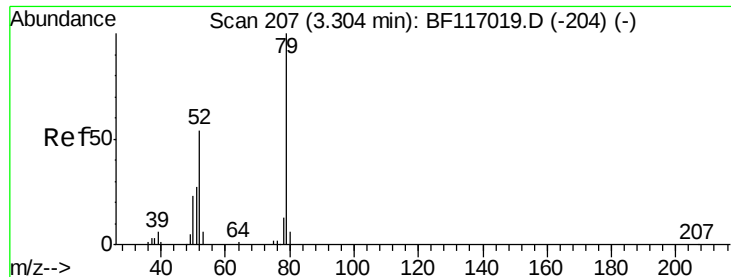
1,4-Dioxane
Concen: 36.295 ng
RT: 2.56 min Scan# 81
Delta R.T. 0.00 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

Tgt Ion: 88 Resp: 66946
Ion Ratio Lower Upper
88 100
58 60.7 49.3 73.9
43 23.6 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: 36.681 ng

RT: 3.31 min Scan# 208

Delta R.T. 0.01 min

Lab File: BF117049.D

Acq: 16 Sep 2019 8:31

Instrument :

BNA_F

ClientSampleId :

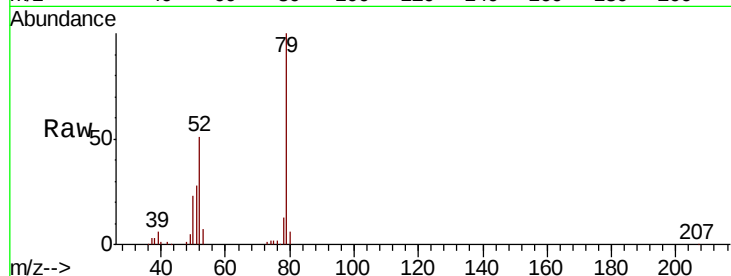
Tot Ion: 79 Resp: 185188

Ion Ratio Lower Upper

79 100

52 50.9 43.5 65.3

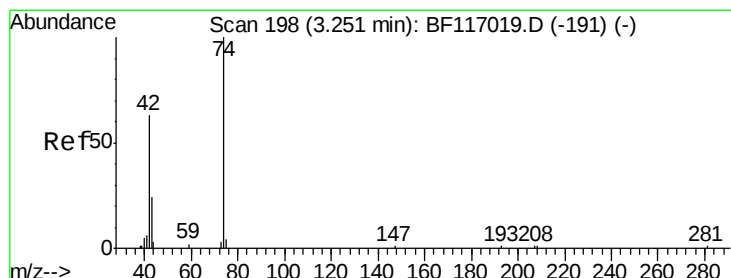
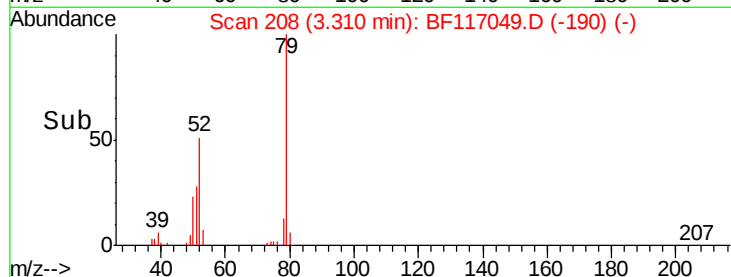
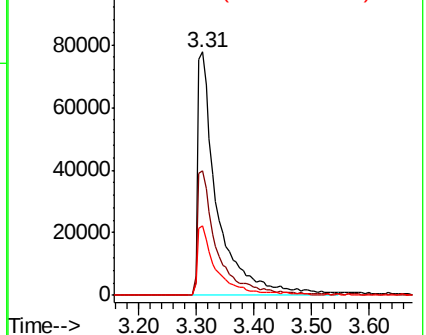
51 28.3 21.8 32.6



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: 34.889 ng

RT: 3.25 min Scan# 198

Delta R.T. 0.00 min

Lab File: BF117049.D

Acq: 16 Sep 2019 8:31

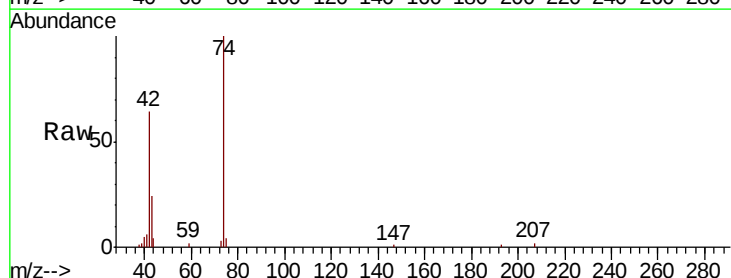
Tgt Ion: 42 Resp: 60448

Ion Ratio Lower Upper

42 100

74 156.1 127.1 190.7

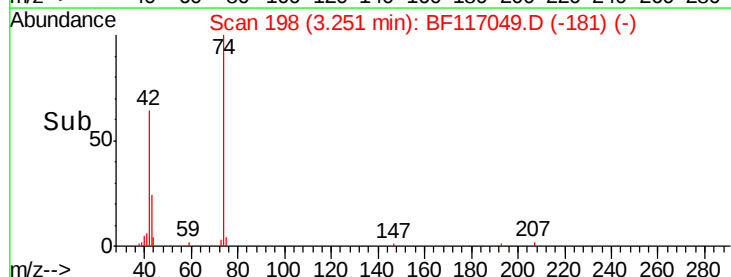
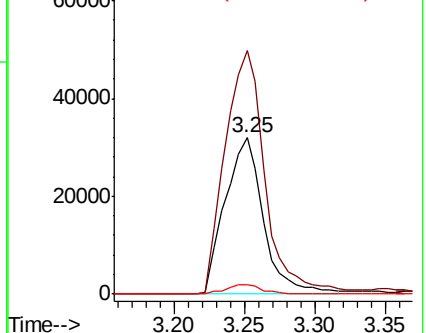
44 5.8 4.3 6.5

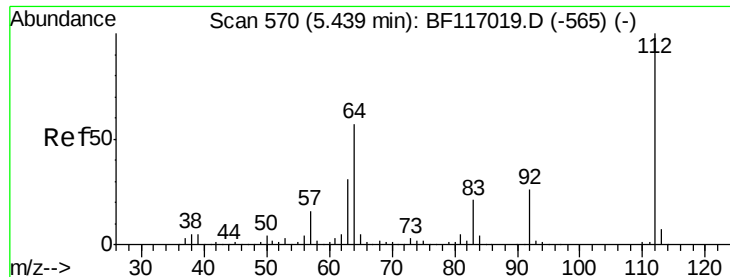


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

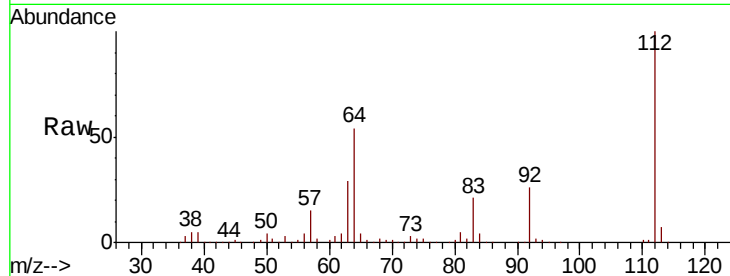




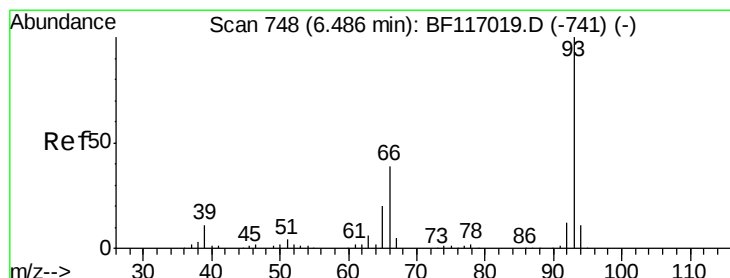
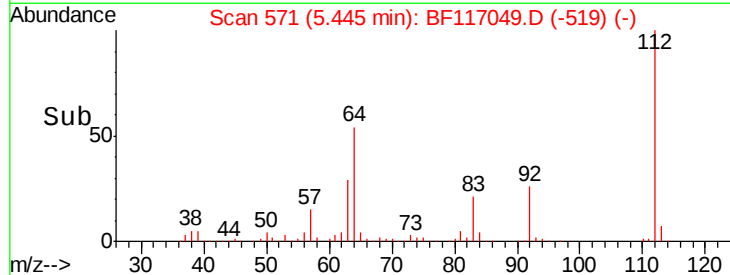
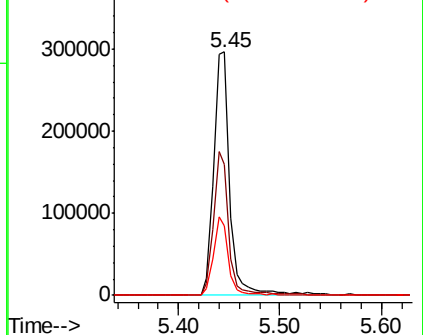
#5
2-Fluorophenol
Concen: 74.918 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
112	100		
64	53.7	45.7	68.5
63	28.7	24.9	37.3

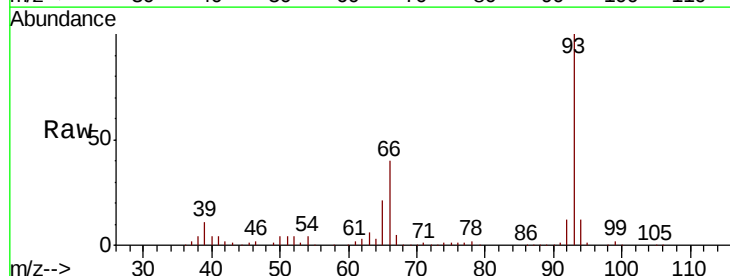


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

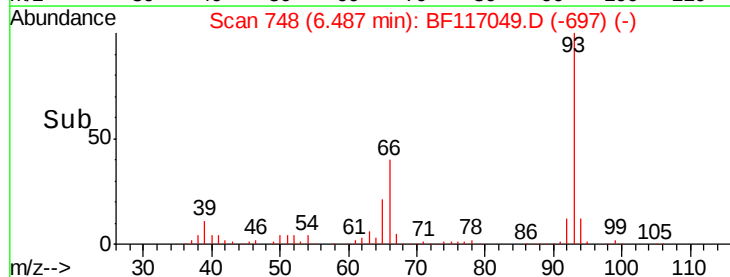
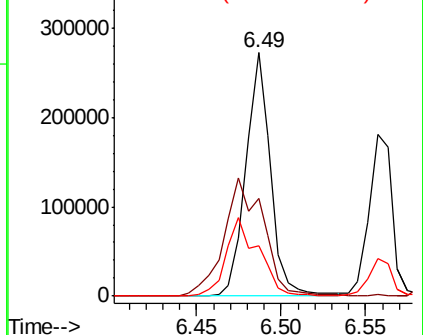


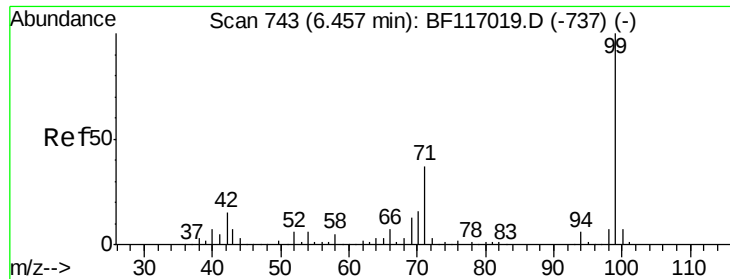
#6
Aniline
Concen: 38.273 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

Tgt Ion	Ratio	Lower	Upper
93	100		
66	40.1	32.6	49.0
65	20.9	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: 75.852 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117049.D

Acq: 16 Sep 2019 8:31

Instrument :

BNA_F

ClientSampled :

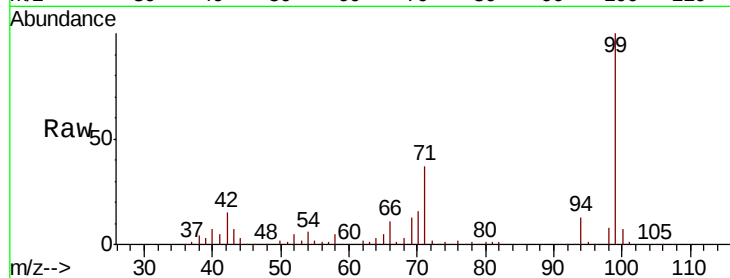
Tot Ion: 99 Resp: 432108

Ion Ratio Lower Upper

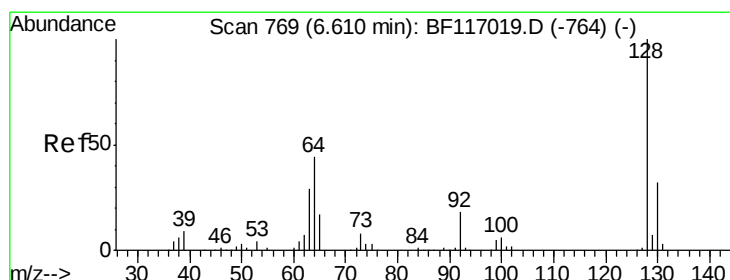
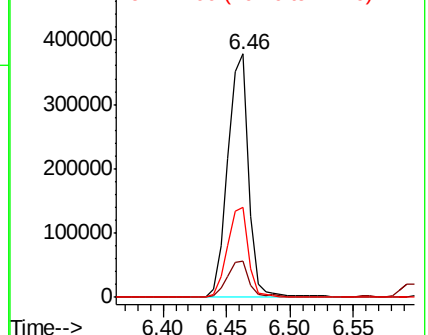
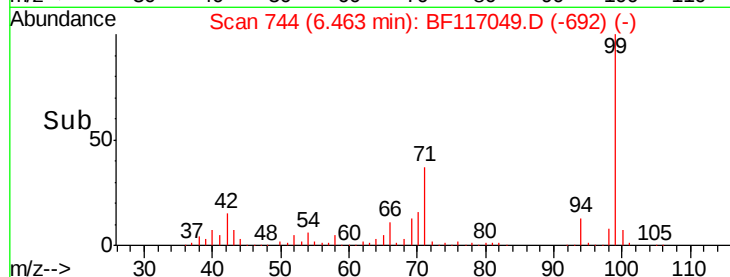
99 100

42 15.0 12.2 18.2

71 36.9 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: 37.603 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF117049.D

Acq: 16 Sep 2019 8:31

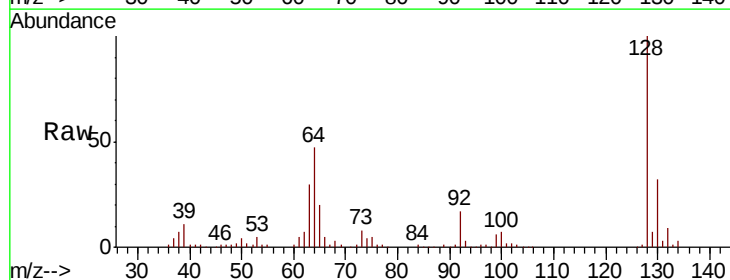
Tgt Ion: 128 Resp: 178817

Ion Ratio Lower Upper

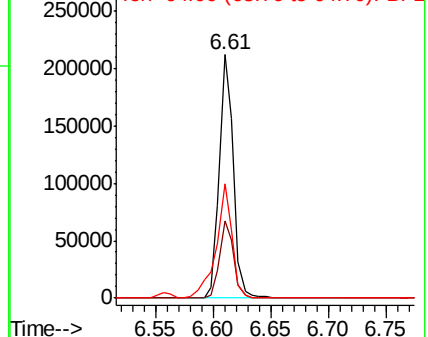
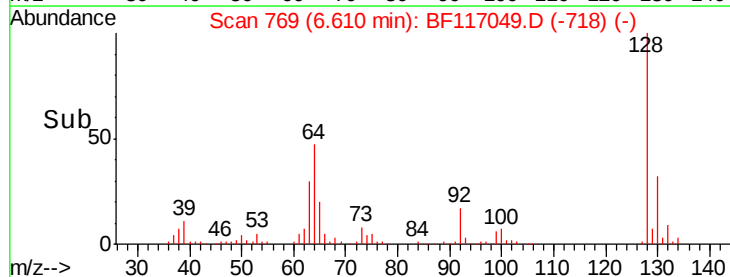
128 100

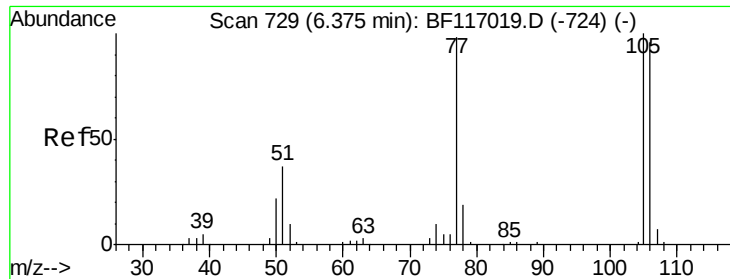
130 31.7 11.8 51.8

64 47.2 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

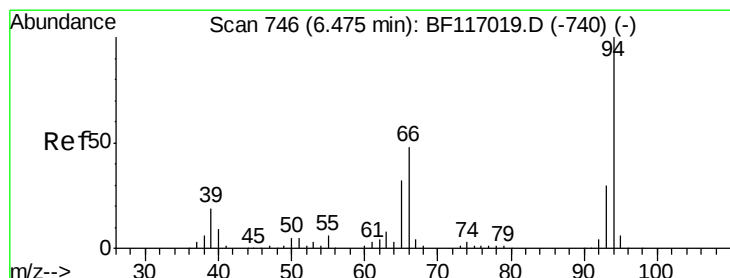
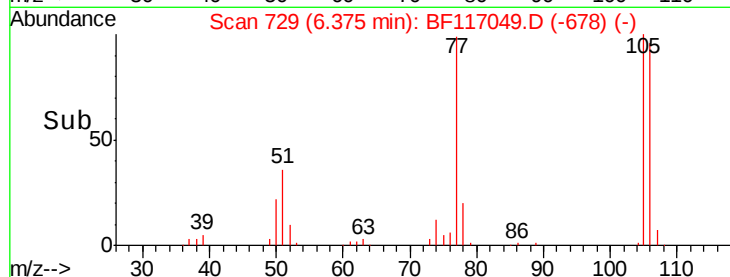
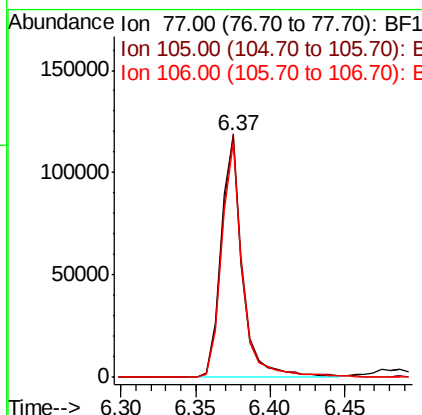
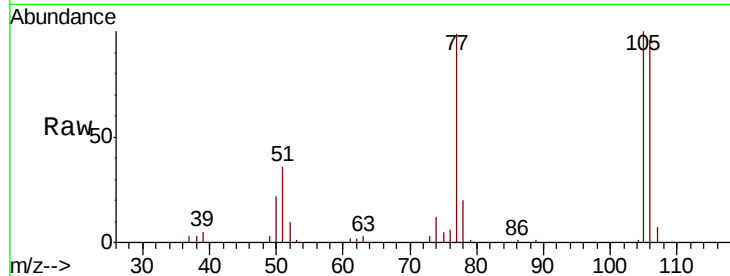




#9
Benzaldehyde
Concen: 42.162 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

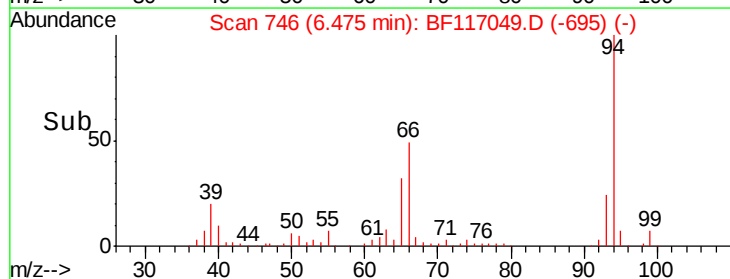
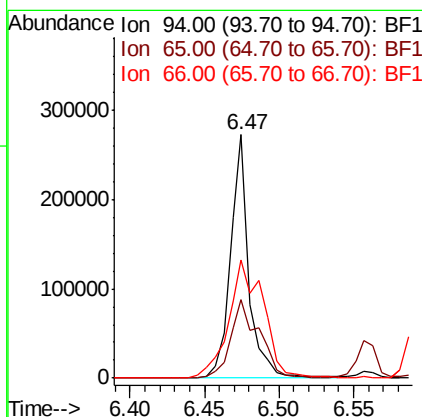
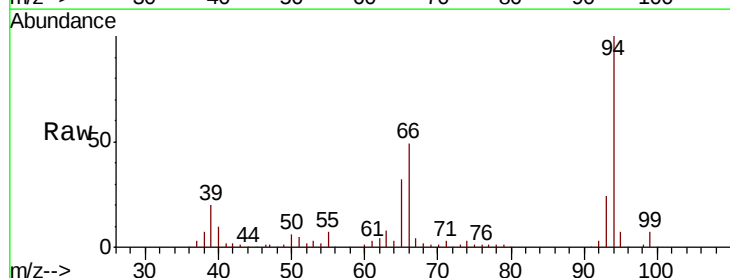
Instrument :
BNA_F
ClientSampleId :

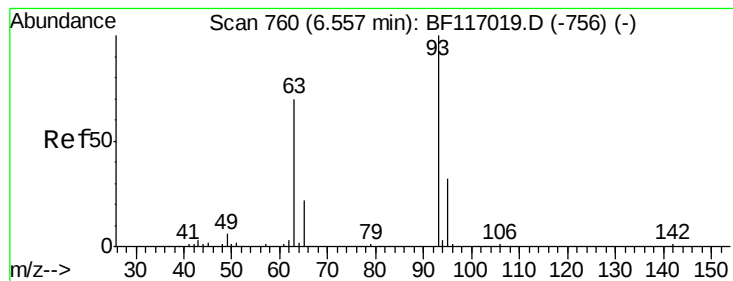
Tot Ion: 77 Resp: 118559
Ion Ratio Lower Upper
77 100
105 100.8 81.8 121.8
106 97.0 77.3 117.3



#10
Phenol
Concen: 38.031 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

Tgt Ion: 94 Resp: 238841
Ion Ratio Lower Upper
94 100
65 32.1 12.5 52.5
66 48.6 28.9 68.9

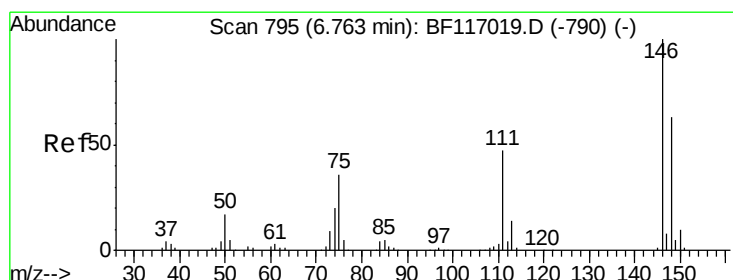
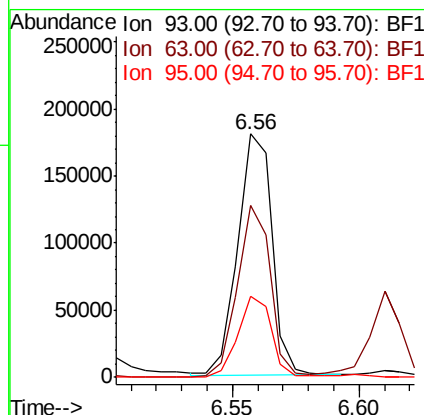
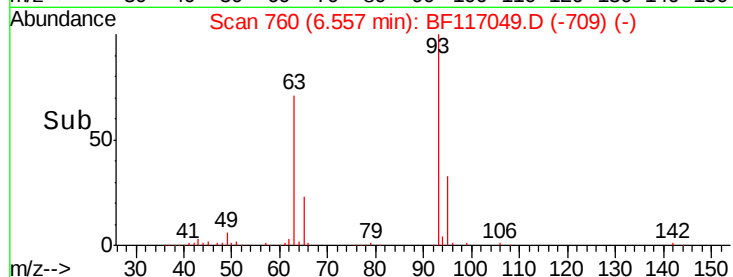
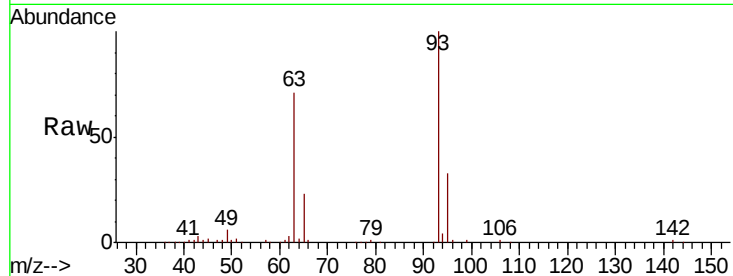




#11
 bis(2-Chloroethyl)ether
 Concen: 36.205 ng
 RT: 6.56 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: BF117049.D
 Acq: 16 Sep 2019 8:31

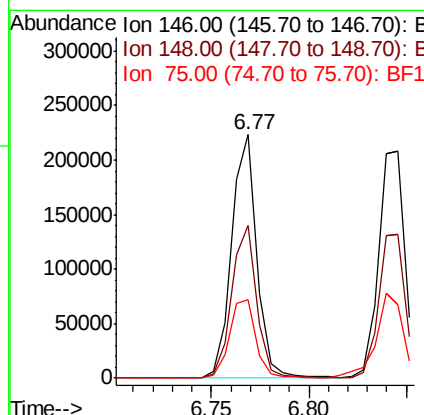
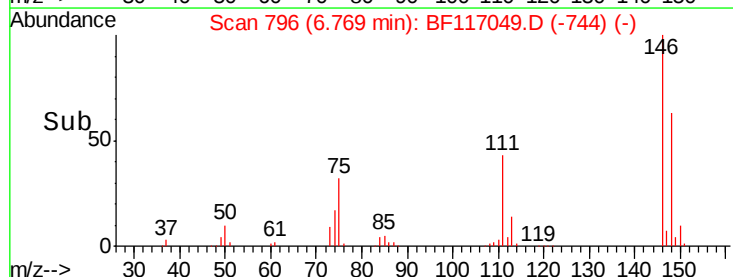
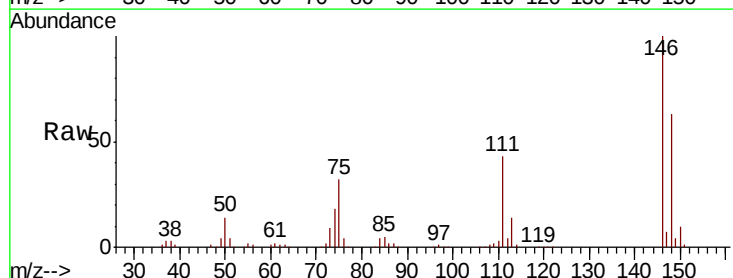
Instrument :
 BNA_F
 ClientSampled :

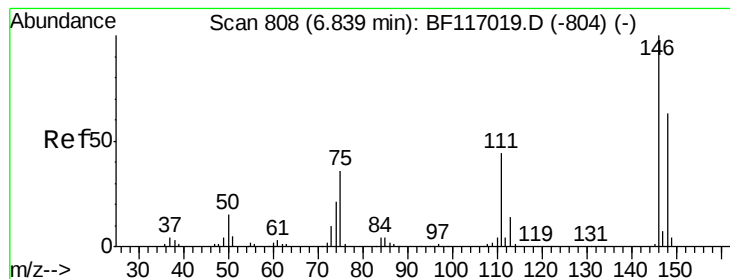
Tot Ion	Ratio	Lower	Upper
93	100		
63	70.6	49.3	89.3
95	33.3	11.5	51.5



#12
 1,3-Dichlorobenzene
 Concen: 37.423 ng
 RT: 6.77 min Scan# 796
 Delta R.T. 0.01 min
 Lab File: BF117049.D
 Acq: 16 Sep 2019 8:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.8	76.2
75	32.4	28.7	43.1





#13

1,4-Dichlorobenzene

Concen: 37.024 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.01 min

Lab File: BF117049.D

Acq: 16 Sep 2019 8:31

Instrument :

BNA_F

ClientSampled :

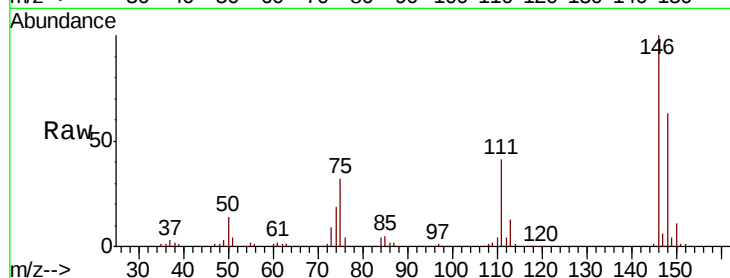
Tot Ion:146 Resp: 201621

Ion Ratio Lower Upper

146 100

148 63.5 50.6 76.0

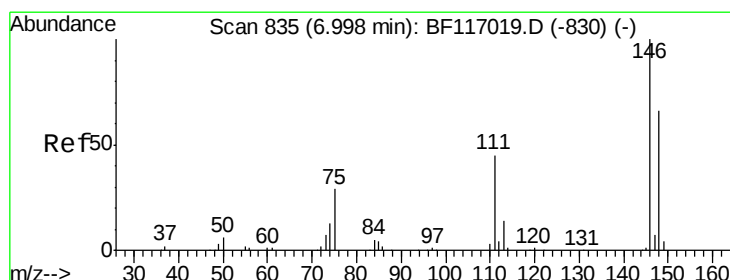
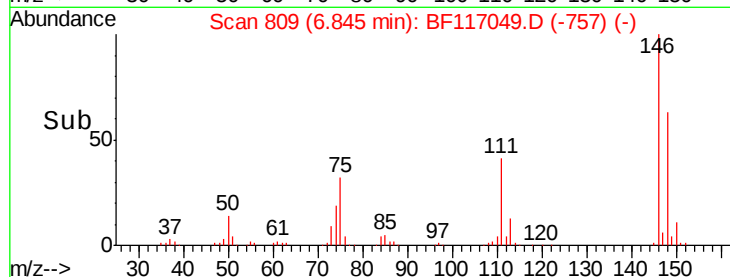
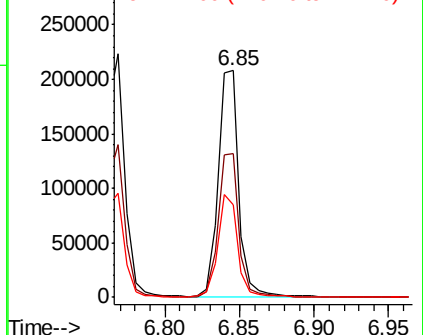
111 41.0 35.0 52.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.300 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF117049.D

Acq: 16 Sep 2019 8:31

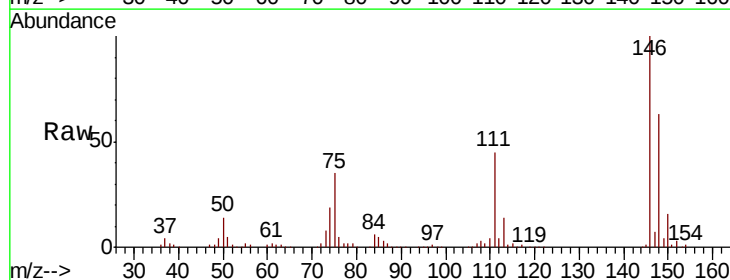
Tgt Ion:146 Resp: 189115

Ion Ratio Lower Upper

146 100

148 63.1 52.6 78.8

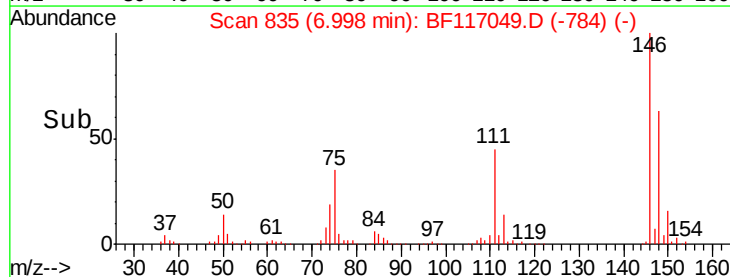
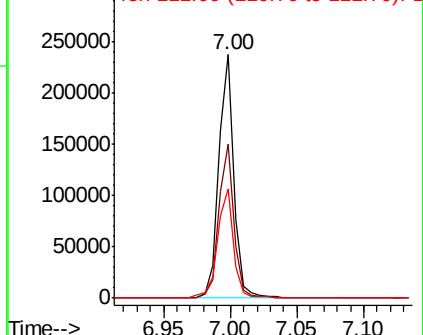
111 44.9 36.2 54.2

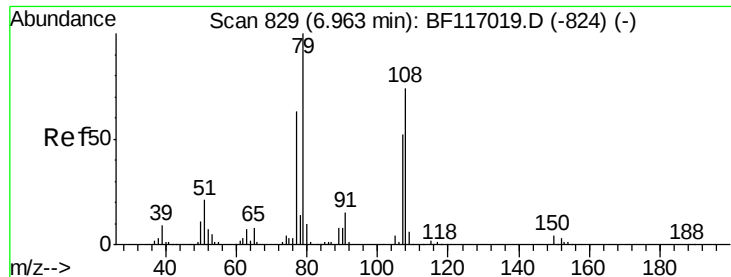


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.834 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF117049.D

Acq: 16 Sep 2019 8:31

Instrument :

BNA_F

ClientSampleId :

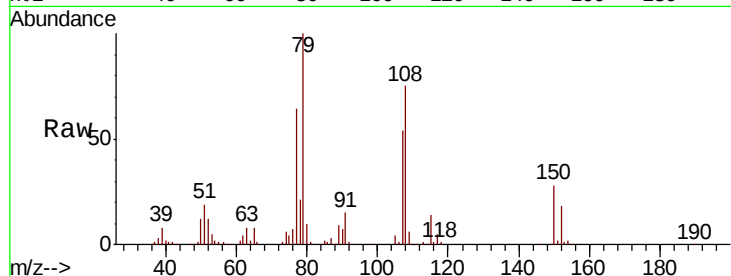
Tot Ion: 79 Resp: 169650

Ion Ratio Lower Upper

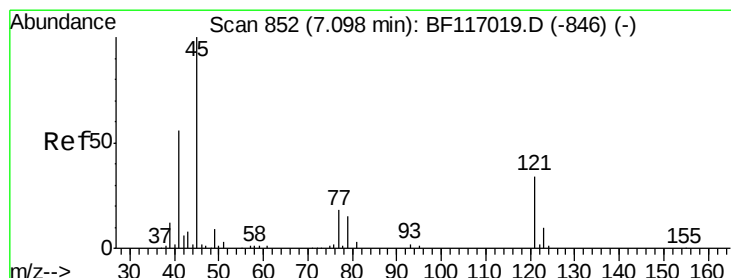
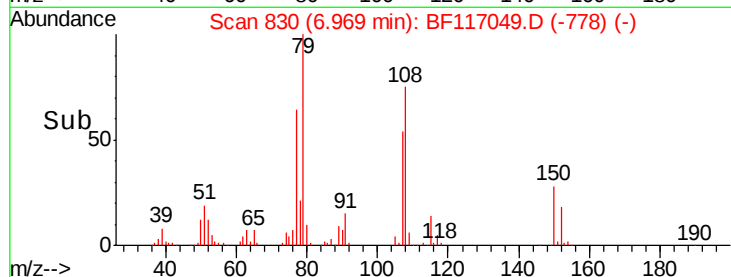
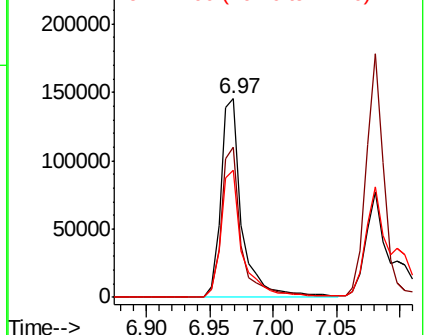
79 100

108 75.5 59.4 89.0

77 64.1 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: 36.989 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF117049.D

Acq: 16 Sep 2019 8:31

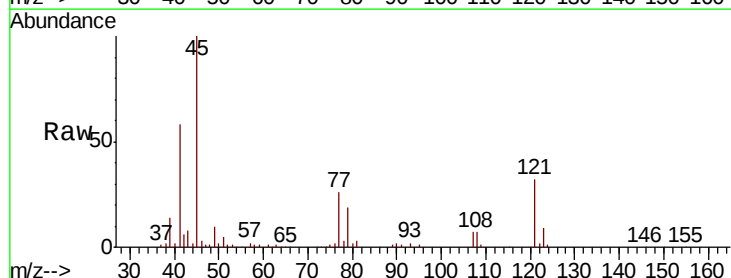
Tgt Ion: 45 Resp: 168675

Ion Ratio Lower Upper

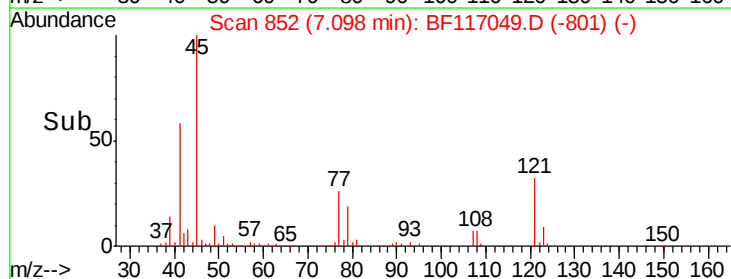
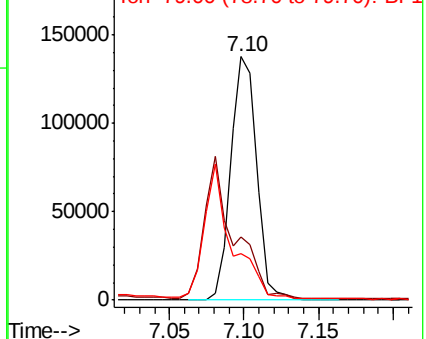
45 100

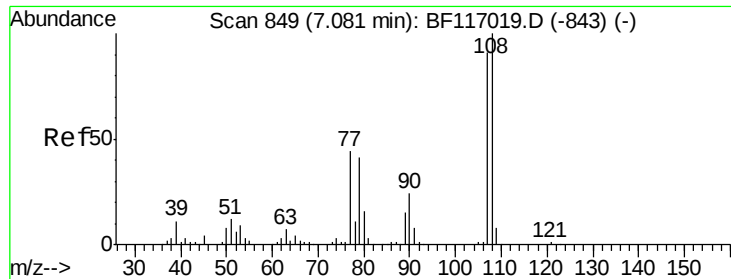
77 25.8 2.7 42.7

79 19.3 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

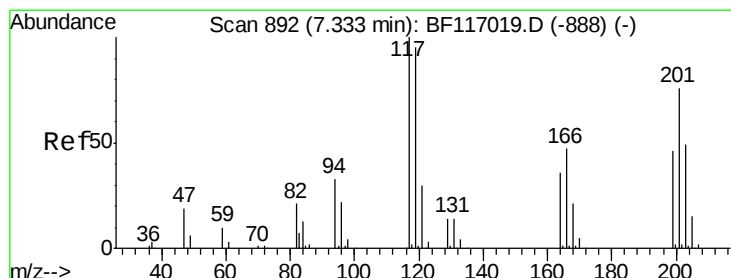
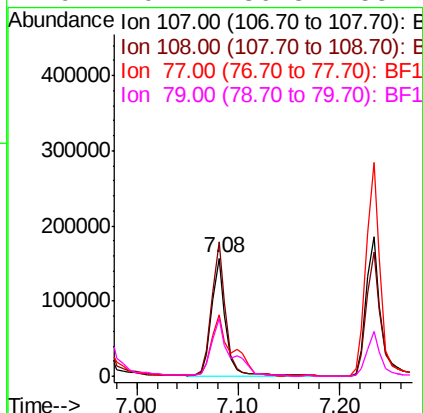
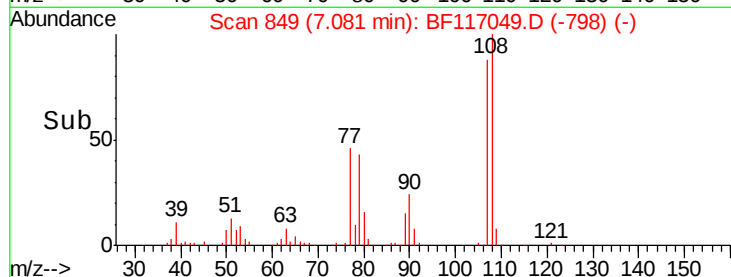
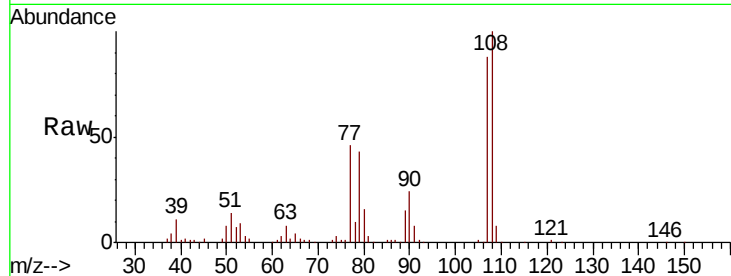




#17
2-Methylphenol
Concen: 37.978 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

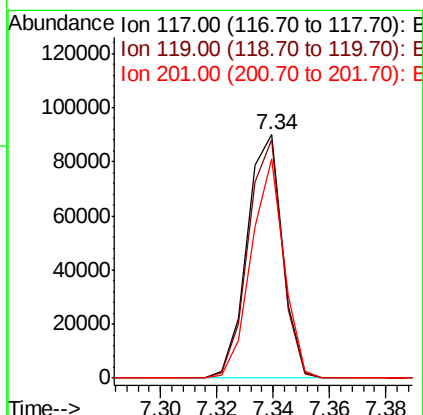
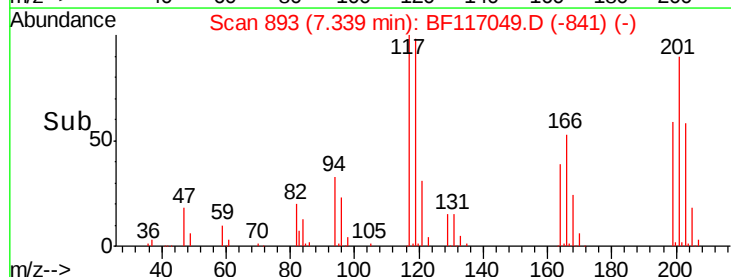
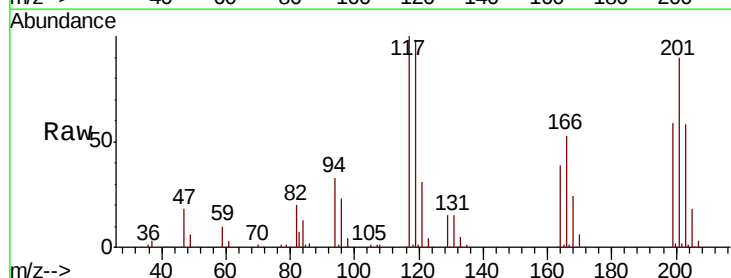
Instrument :
BNA_F
ClientSampled :

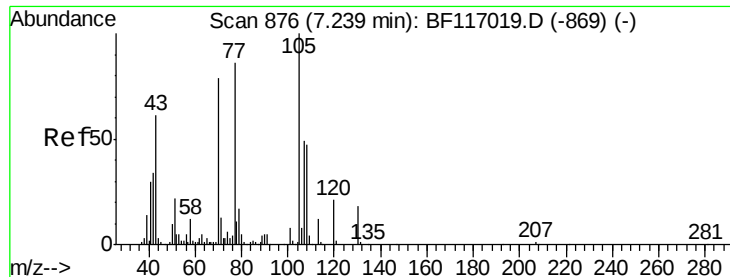
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.7	87.7	131.5
77	51.9	38.6	58.0
79	49.2	36.8	55.2



#18
Hexachloroethane
Concen: 37.333 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.01 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	75.8	113.8
201	90.2	60.9	91.3

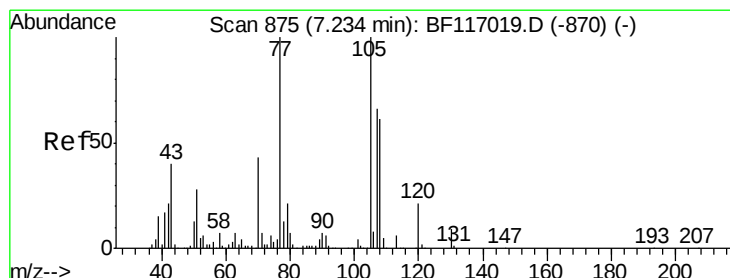
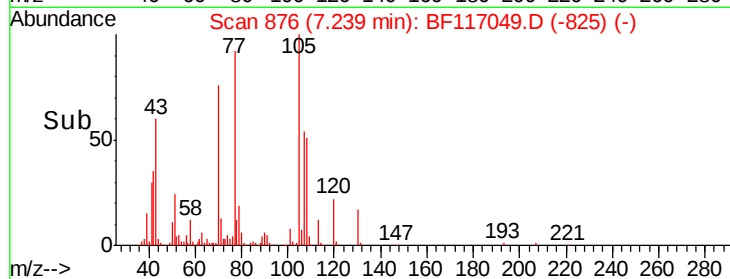
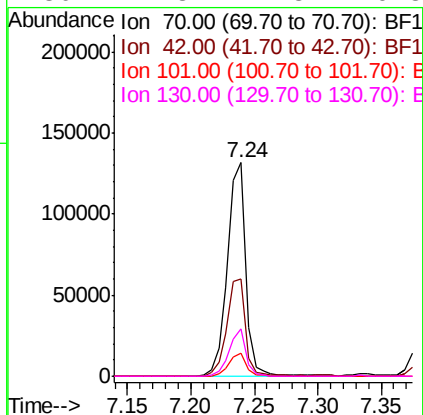
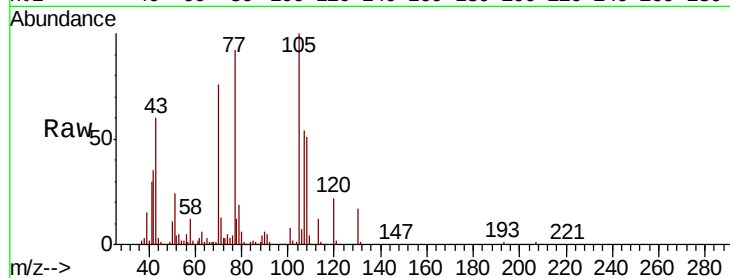




#19
n-Nitroso-di-n-propylamine
Concen: 38.318 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

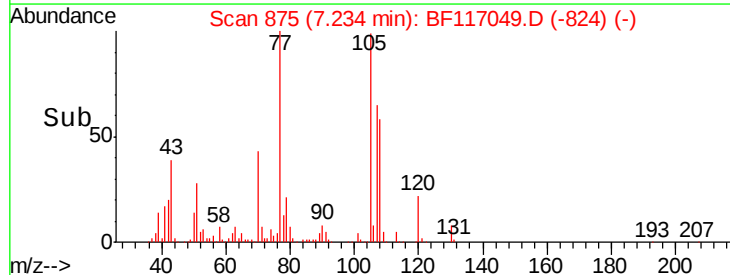
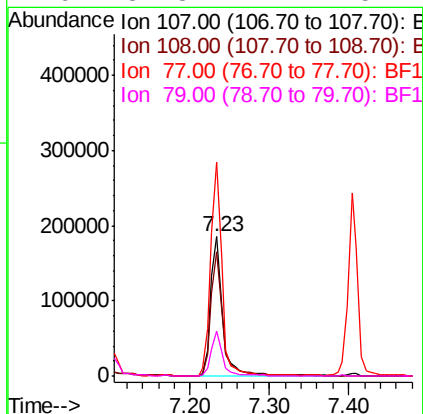
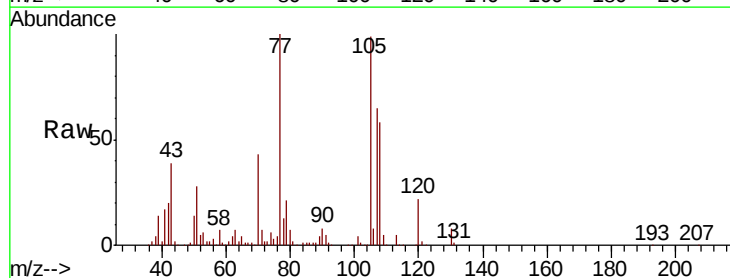
Instrument :
BNA_F
ClientSampleId :

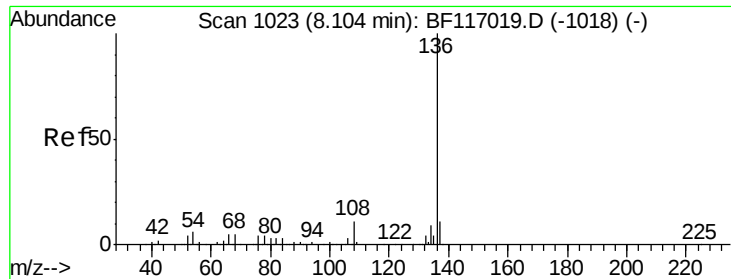
Tot Ion:	70	Resp:	132920
Ion	Ratio	Lower	Upper
70	100		
42	45.8	34.0	51.0
101	10.5	7.8	11.6
130	22.3	17.8	26.8



#20
3+4-Methylphenols
Concen: 38.710 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

Tgt Ion:	107	Resp:	192168
Ion	Ratio	Lower	Upper
107	100		
108	89.0	72.6	112.6
77	153.5	132.1	172.1
79	31.8	12.1	52.1

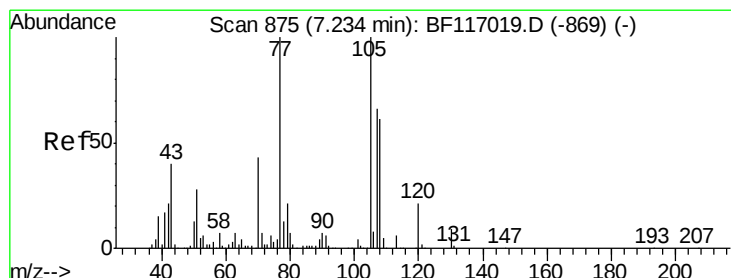
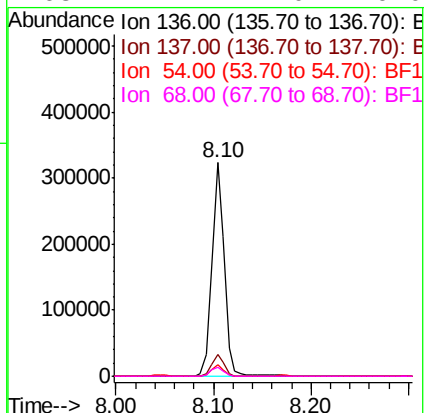
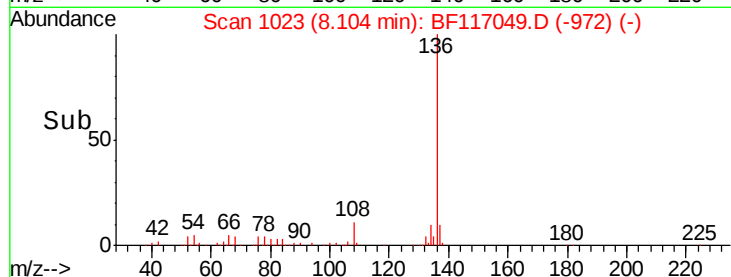
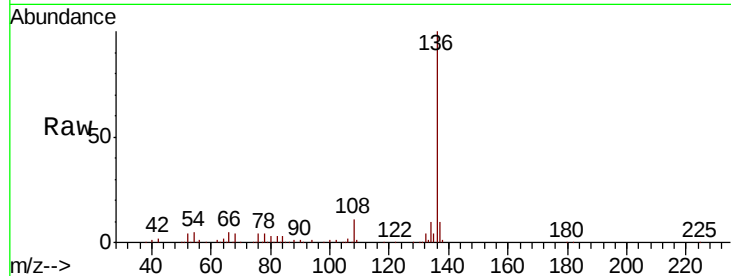




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

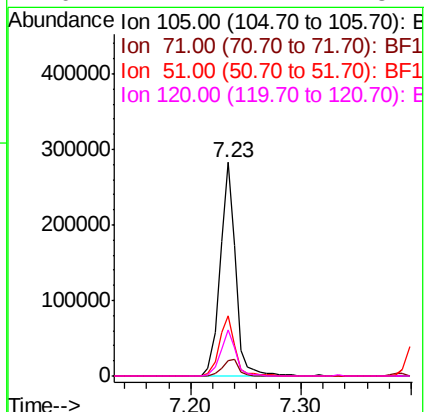
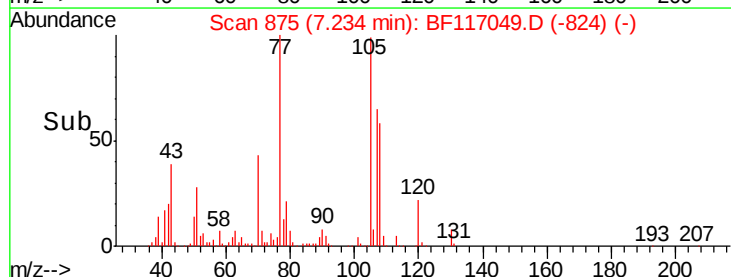
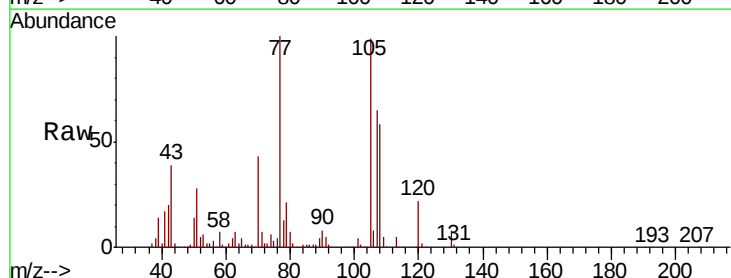
Instrument :
BNA_F
ClientSampleId :

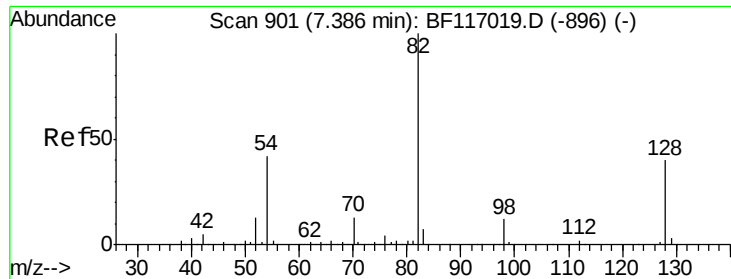
Tot Ion:136	Resp:	283464
Ion Ratio	Lower	Upper
136	100	
137	10.3	9.0 13.4
54	5.5	4.5 6.7
68	4.2	4.0 6.0



#22
Acetophenone
Concen: 38.104 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

Tgt Ion:105	Resp:	274426
Ion Ratio	Lower	Upper
105	100	
71	7.4	5.7 8.5
51	28.4	22.1 33.1
120	21.7	17.1 25.7

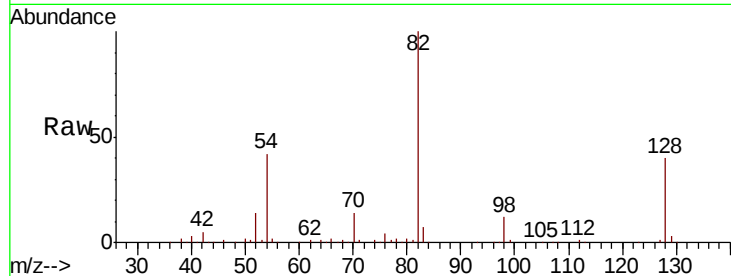




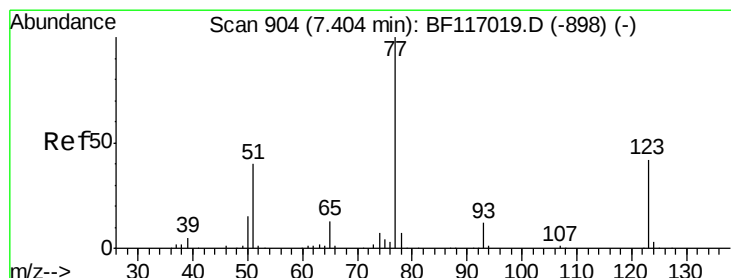
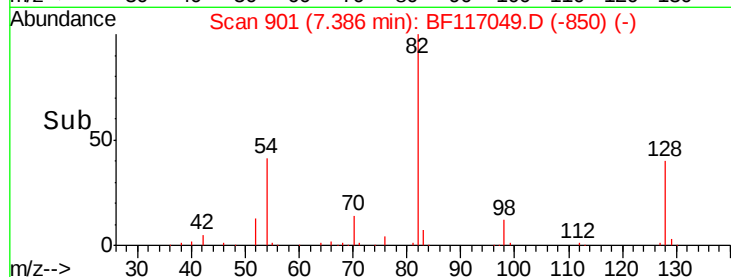
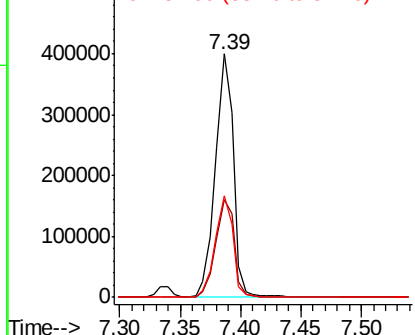
#23
Nitrobenzene-d5
Concen: 76.246 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 411345
Ion Ratio Lower Upper
82 100
128 40.4 32.3 48.5
54 41.9 33.3 49.9

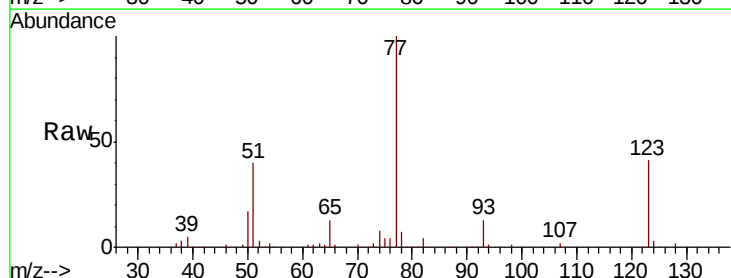


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

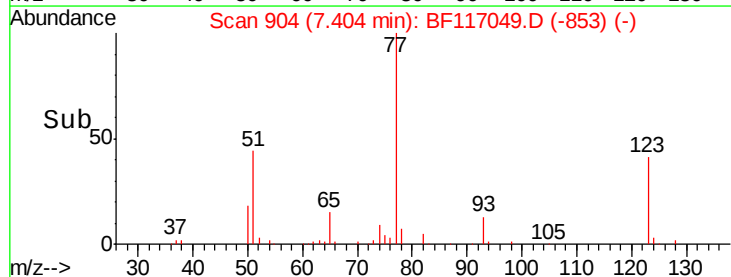
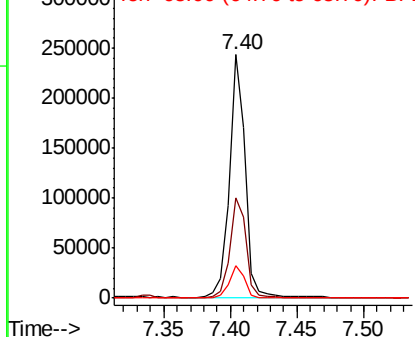


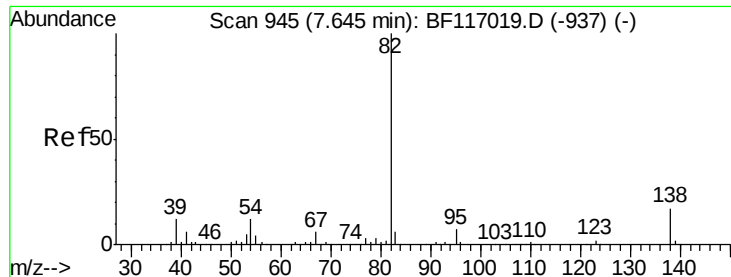
#24
Nitrobenzene
Concen: 37.971 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.00 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

Tgt Ion: 77 Resp: 202300
Ion Ratio Lower Upper
77 100
123 41.3 33.5 50.3
65 13.2 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: 37.971 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF117049.D

Acq: 16 Sep 2019 8:31

Instrument :
BNA_F
ClientSampleId :

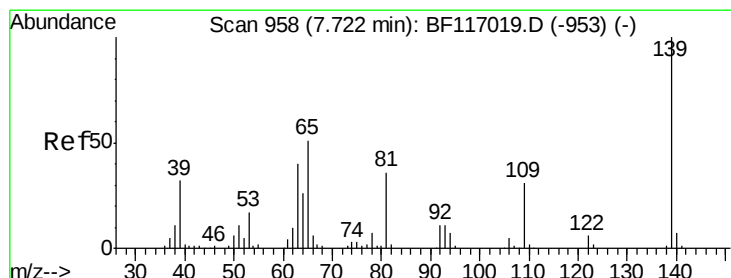
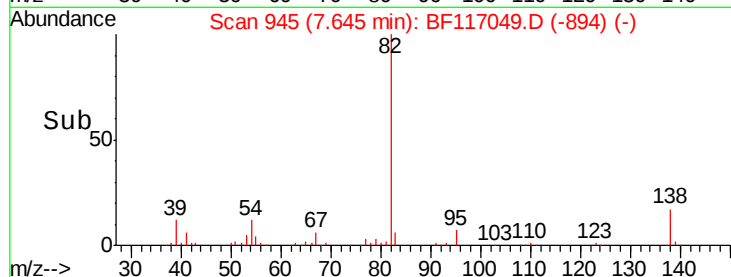
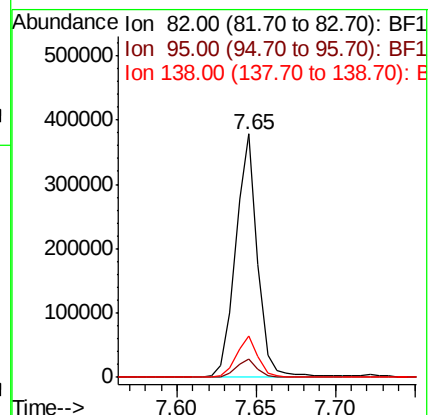
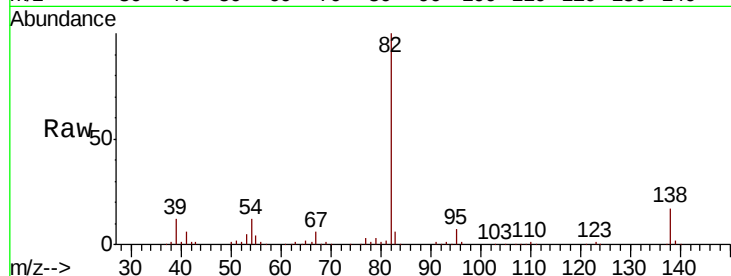
Tot Ion: 82 Resp: 362710

Ion Ratio Lower Upper

82 100

95 7.3 5.8 8.6

138 17.0 13.5 20.3



#26

2-Nitrophenol

Concen: 37.979 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF117049.D

Acq: 16 Sep 2019 8:31

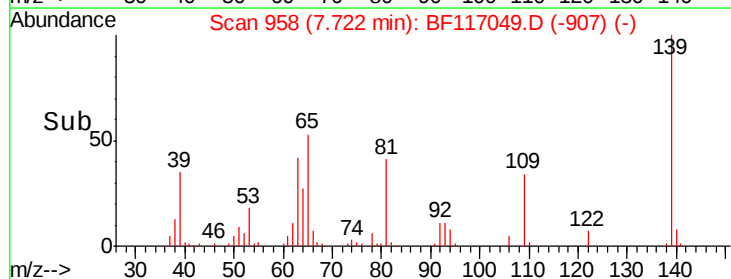
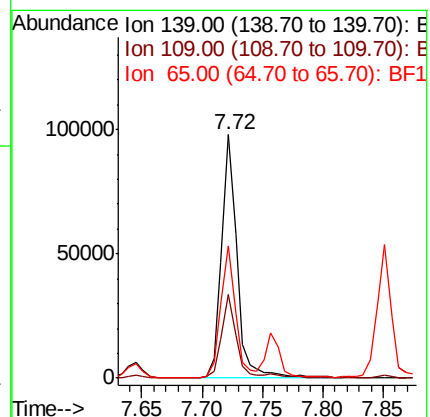
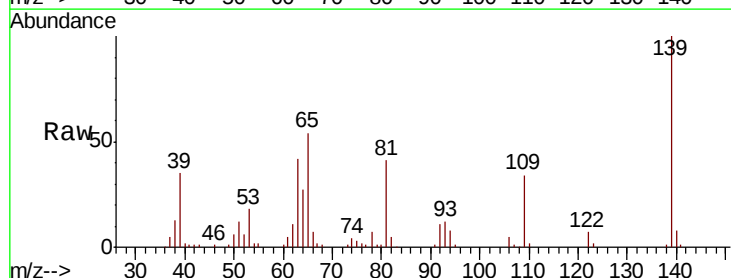
Tgt Ion: 139 Resp: 86912

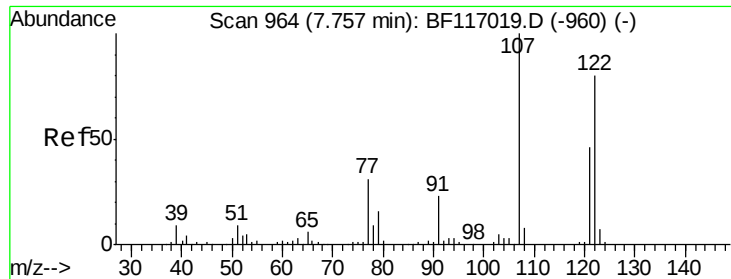
Ion Ratio Lower Upper

139 100

109 34.1 24.6 36.8

65 54.1 40.9 61.3

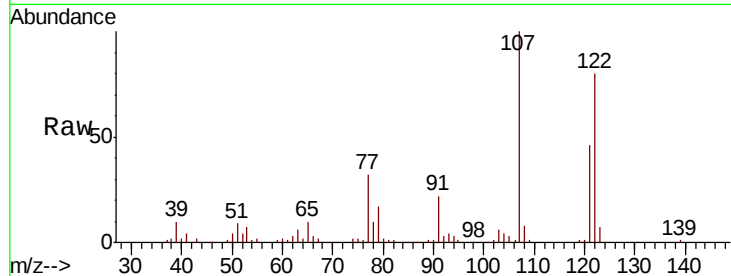




#27
 2,4-Dimethylphenol
 Concen: 37.721 ng
 RT: 7.76 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: BF117049.D
 Acq: 16 Sep 2019 8:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.9	98.9	148.3
121	57.0	45.3	67.9

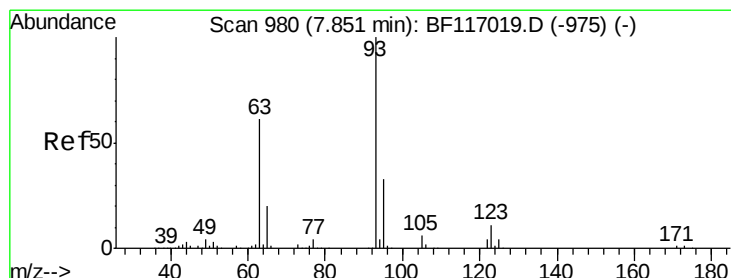
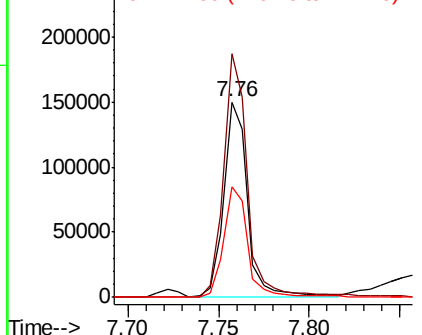
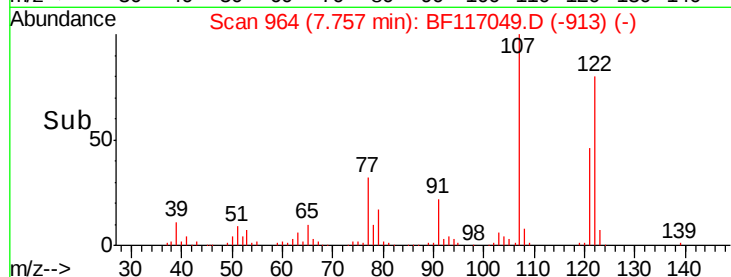


Abundance

Ion 122.00 (121.70 to 122.70): E

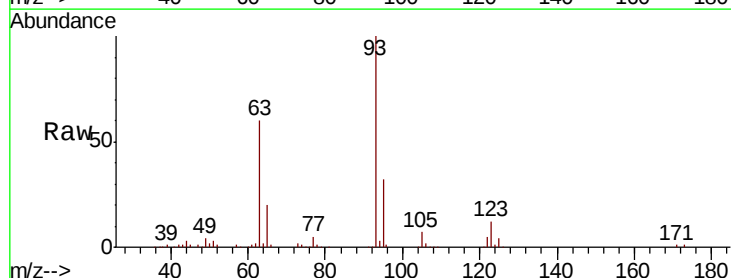
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.797 ng
 RT: 7.85 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF117049.D
 Acq: 16 Sep 2019 8:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.2	39.4
123	11.6	9.0	13.6

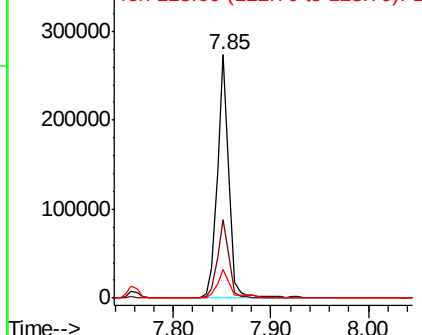
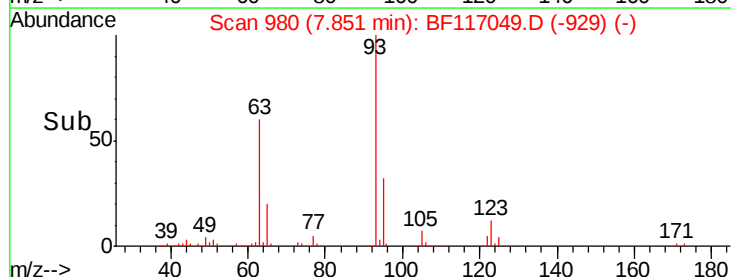


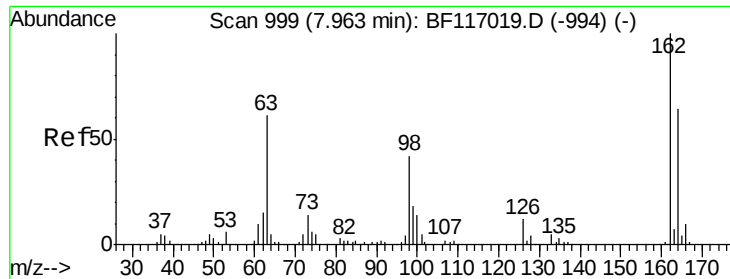
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

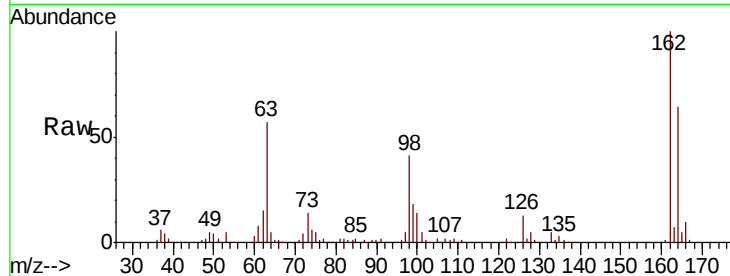




#29
 2,4-Dichlorophenol
 Concen: 38.644 ng
 RT: 7.96 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BF117049.D
 Acq: 16 Sep 2019 8:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	43.8	83.8
98	41.2	22.1	62.1

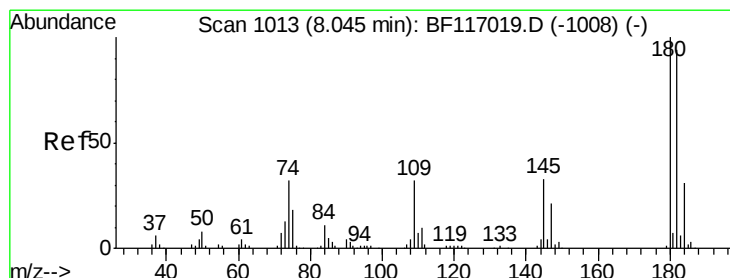
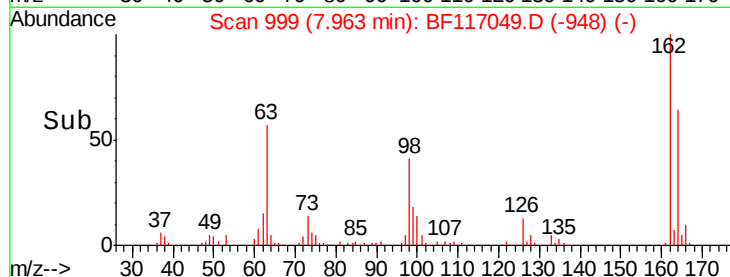
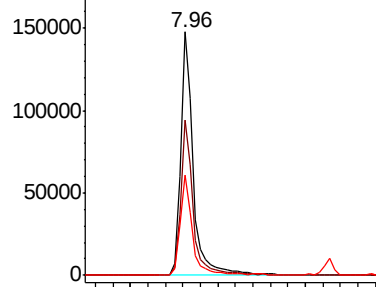


Abundance

Ion 162.00 (161.70 to 162.70): E

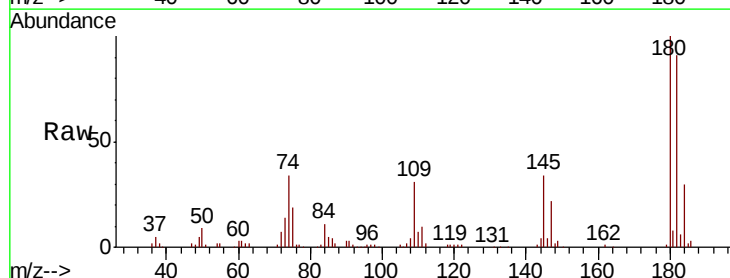
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 37.970 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF117049.D
 Acq: 16 Sep 2019 8:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.1	75.4	113.0
145	33.9	26.7	40.1

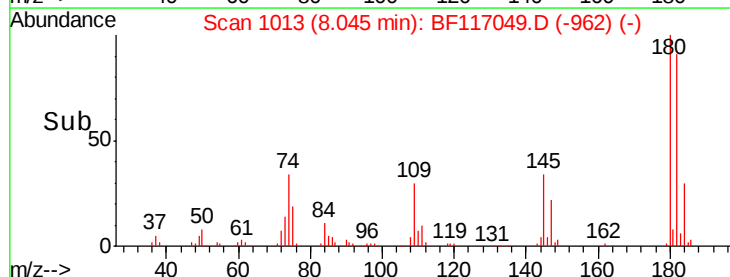
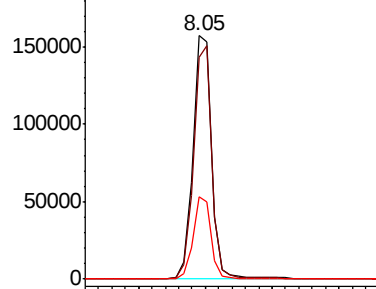


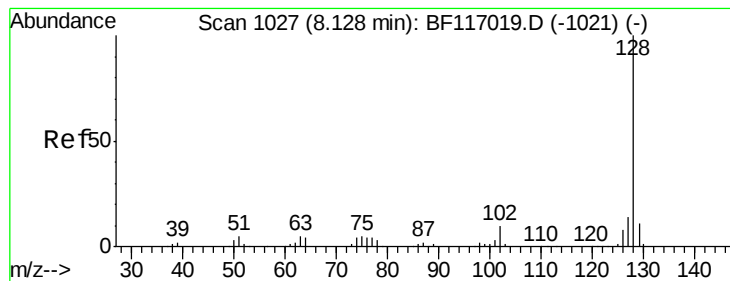
Abundance

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: 38.147 ng

RT: 8.13 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BF117049.D

Acq: 16 Sep 2019 8:31

Instrument :

BNA_F

ClientSampleId :

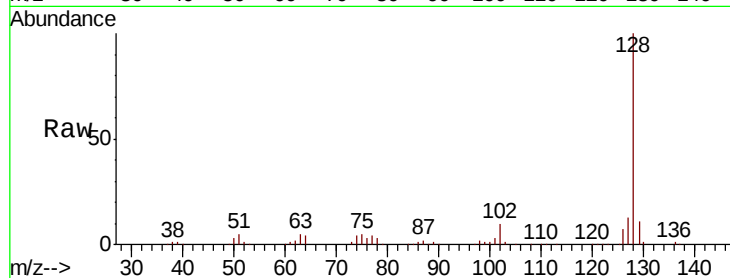
Tot Ion:128 Resp: 520052

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.4

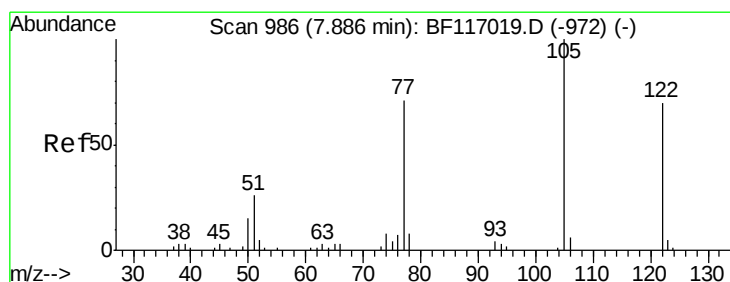
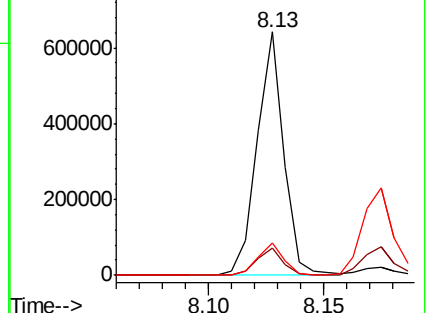
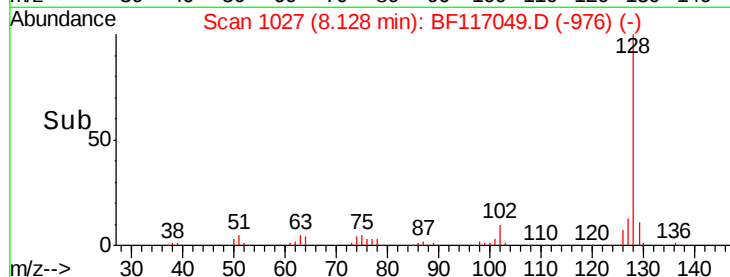
127 13.3 10.8 16.2



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: 33.246 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF117049.D

Acq: 16 Sep 2019 8:31

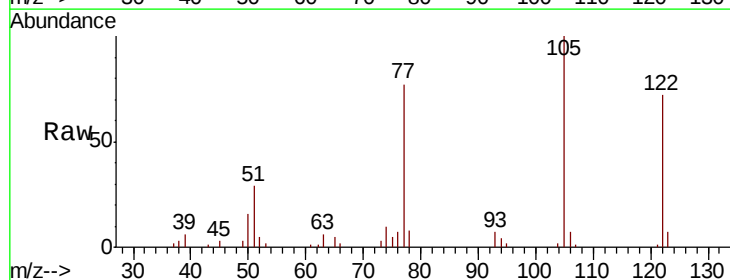
Tgt Ion:122 Resp: 84664

Ion Ratio Lower Upper

122 100

105 139.8 114.8 154.8

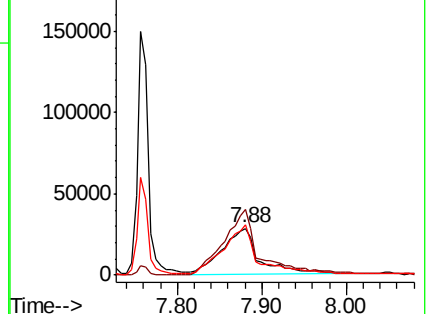
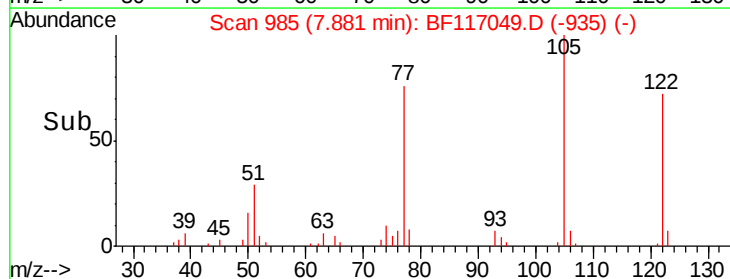
77 107.3 78.7 118.7

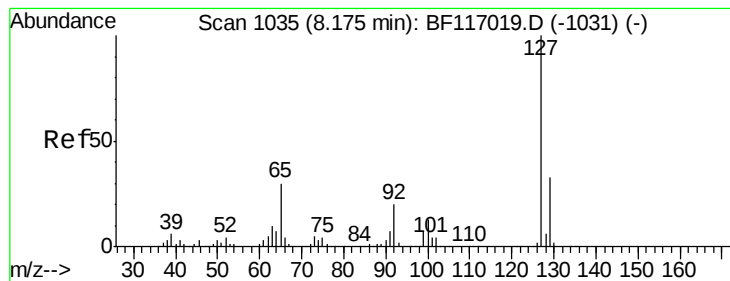


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

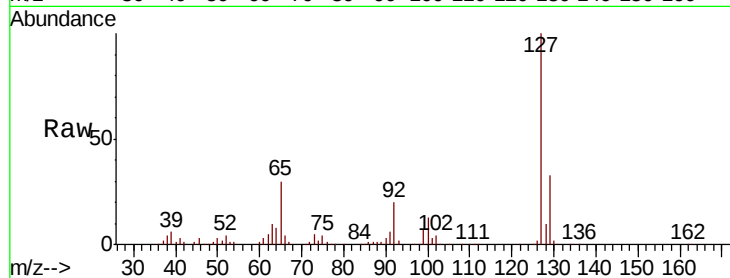




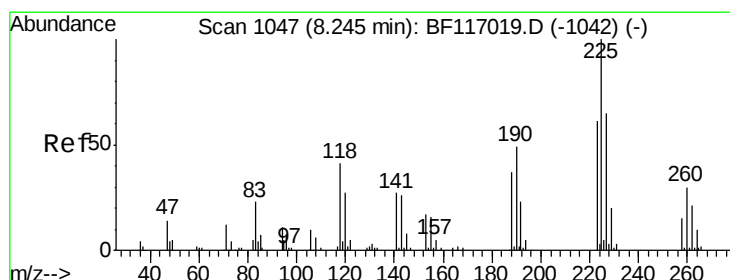
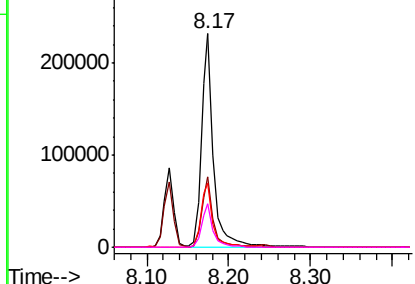
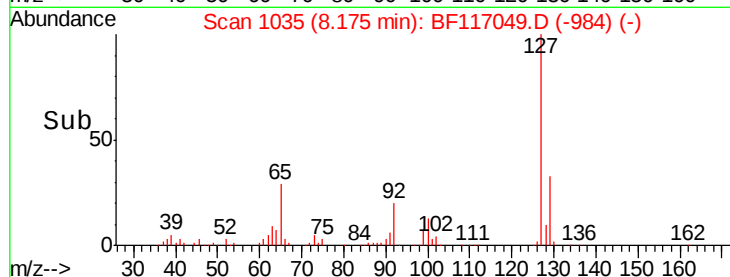
#33
4-Chloroaniline
Concen: 39.339 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	237868
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.2	39.2
65	30.0	23.5	35.3
92	20.2	15.9	23.9

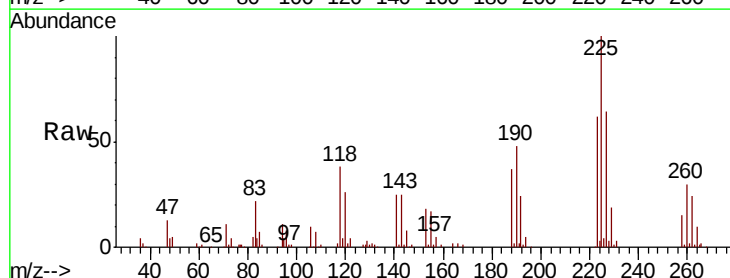


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

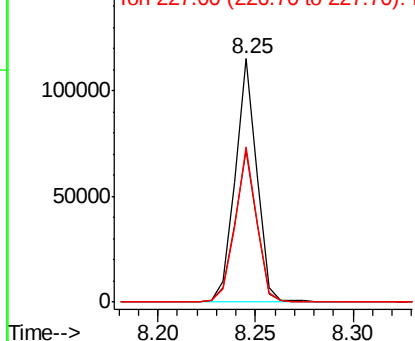
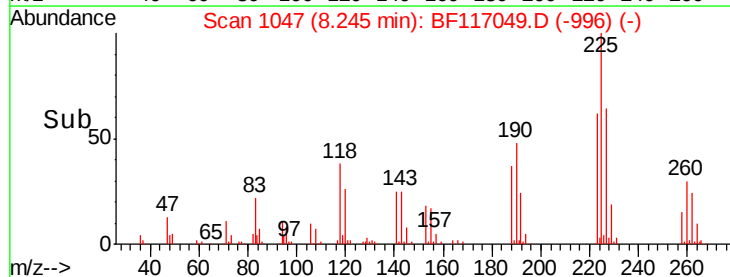


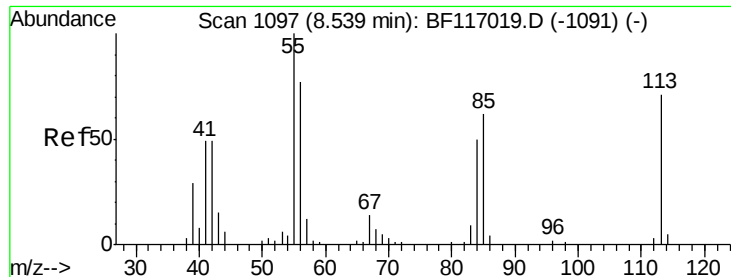
#34
Hexachlorobutadiene
Concen: 37.946 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

Tgt Ion:	225	Resp:	88443
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.1	73.7
227	63.8	52.2	78.2



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

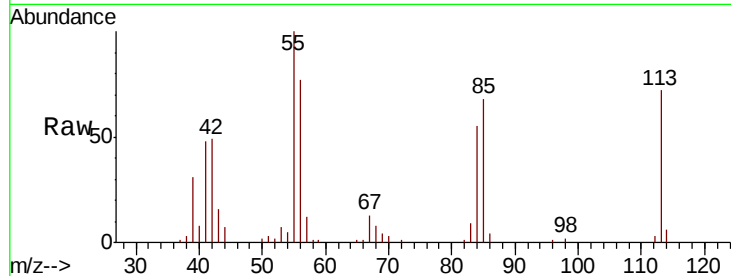




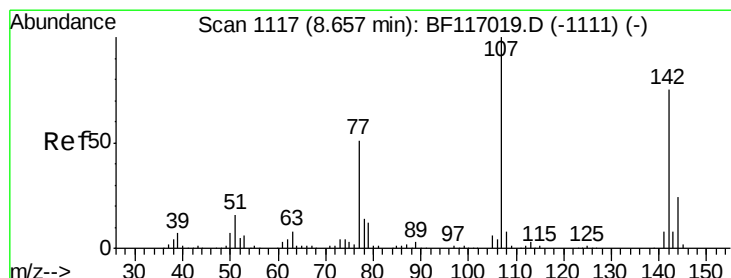
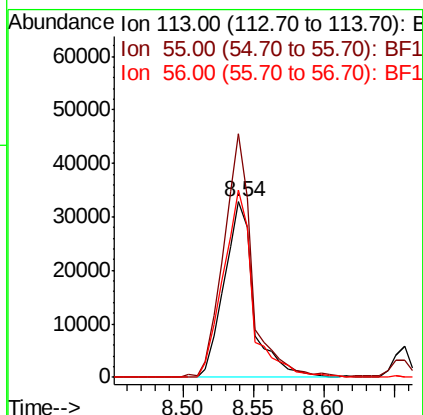
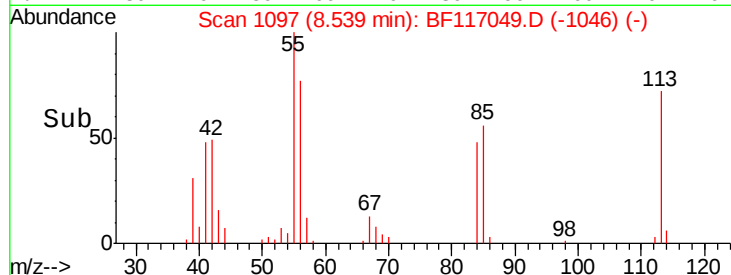
#35
 Caprolactam
 Concen: 37.209 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF117049.D
 Acq: 16 Sep 2019 8:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 47891
 Ion Ratio Lower Upper
 113 100
 55 138.9 120.6 160.6
 56 107.2 88.8 128.8

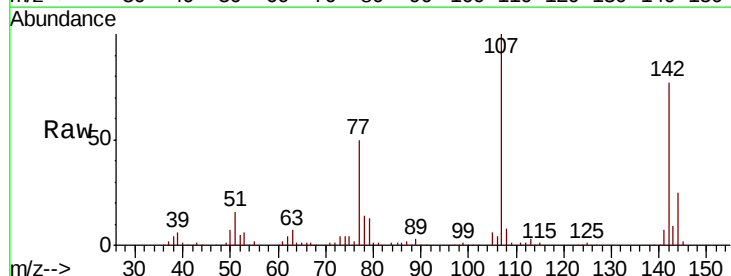


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

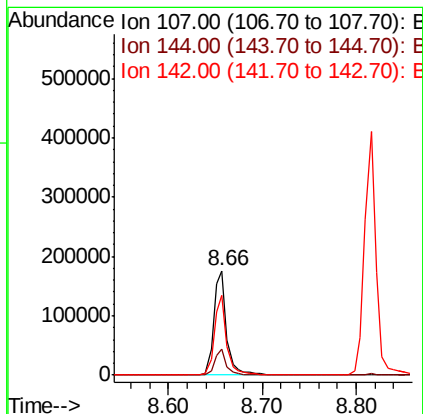
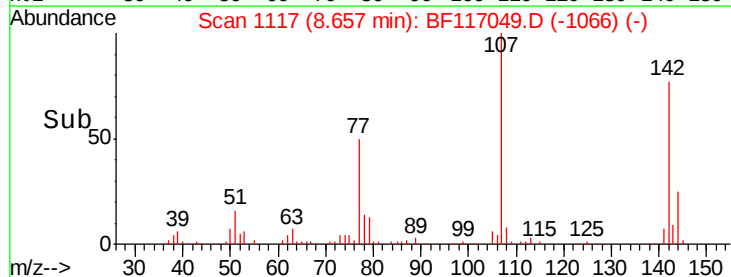


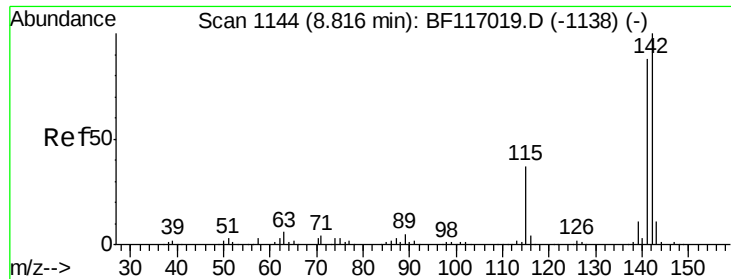
#36
 4-Chloro-3-methylphenol
 Concen: 38.925 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.00 min
 Lab File: BF117049.D
 Acq: 16 Sep 2019 8:31

Tgt Ion:107 Resp: 172588
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.2 28.8
 142 76.9 59.6 89.4



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

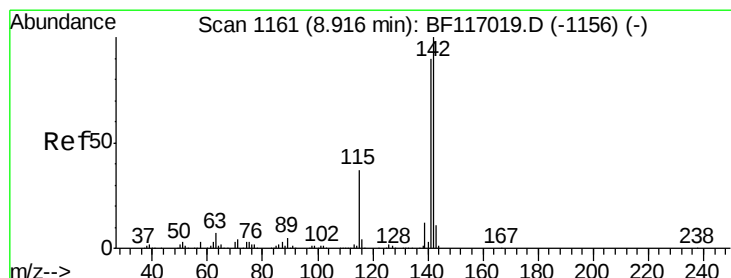
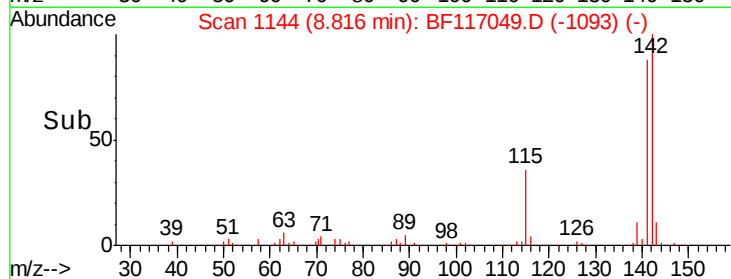
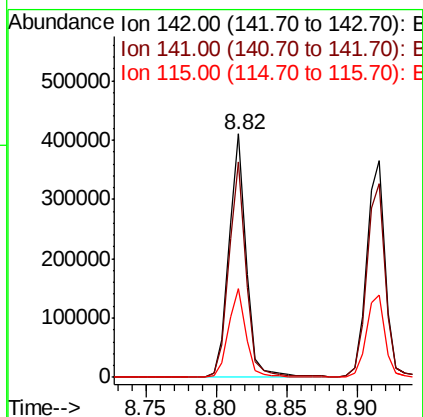
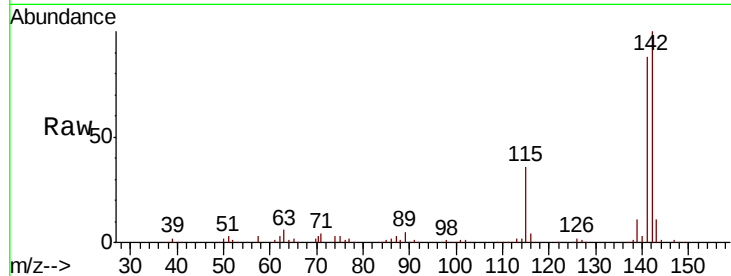




#37
2-Methylnaphthalene
Concen: 38.125 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

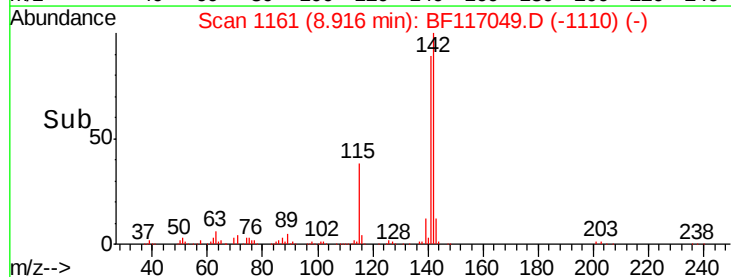
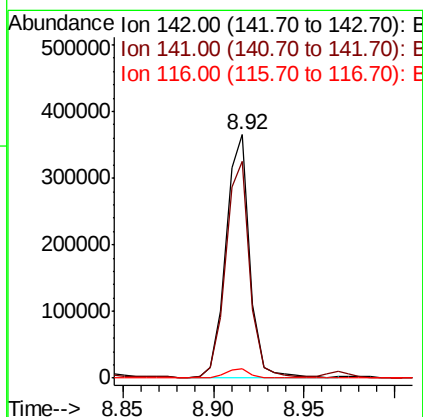
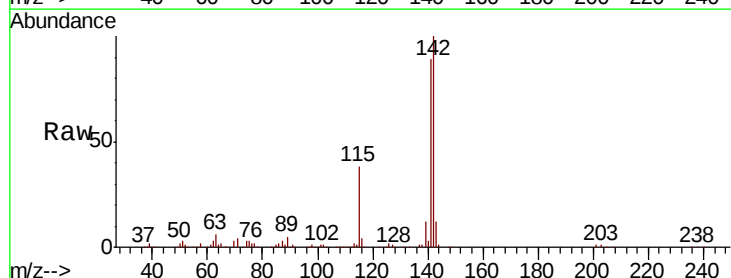
Instrument :
BNA_F
ClientSampleId :

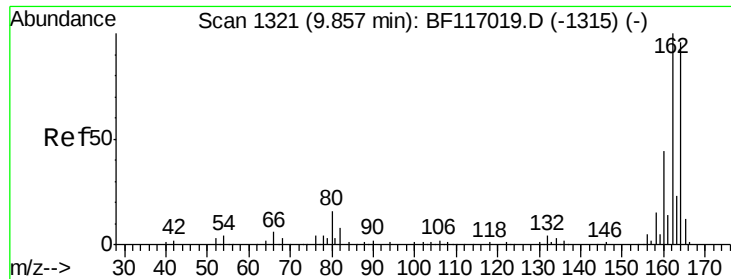
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.7	106.1
115	36.4	29.4	44.0



#38
1-Methylnaphthalene
Concen: 38.491 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.9	107.9
116	3.7	3.2	4.8

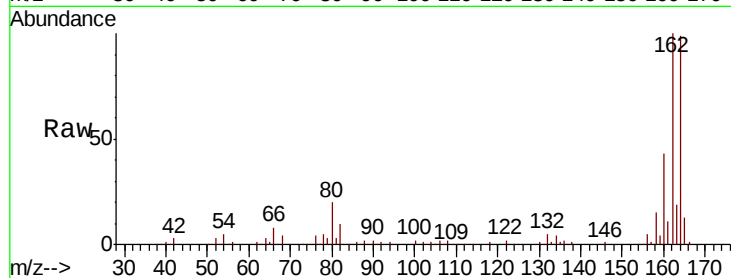




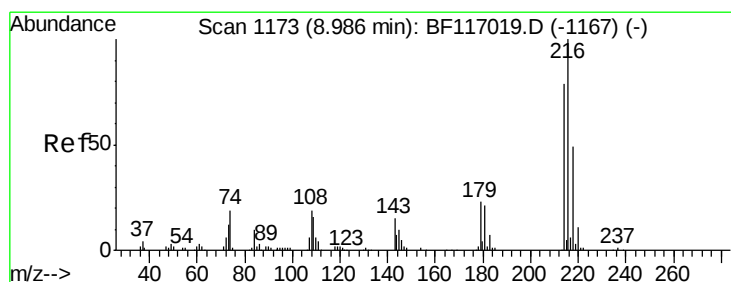
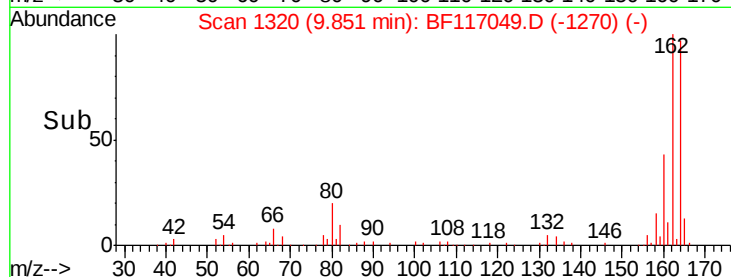
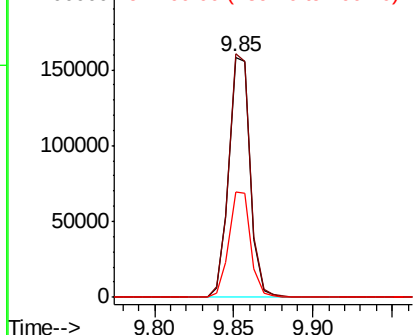
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 148588
Ion Ratio Lower Upper
164 100
162 101.3 83.4 125.2
160 43.9 36.4 54.6

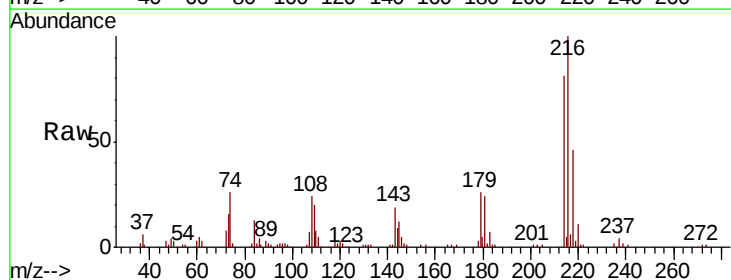


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

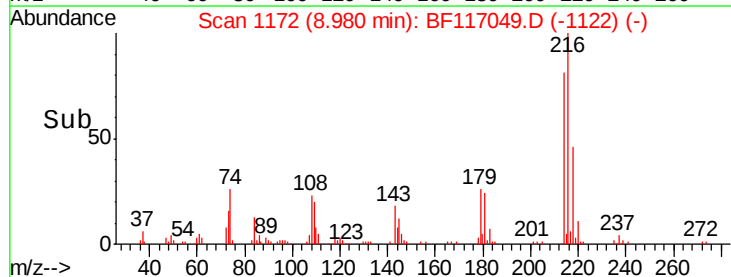
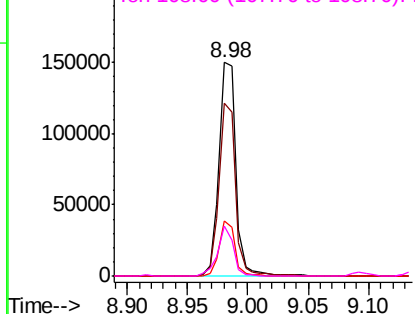


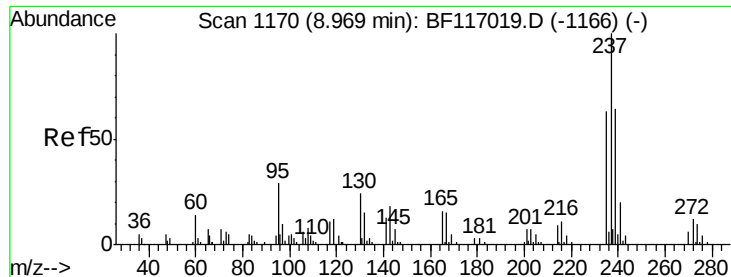
#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.478 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

Tgt Ion:216 Resp: 143802
Ion Ratio Lower Upper
216 100
214 79.1 63.6 95.4
179 23.7 18.3 27.5
108 21.9 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: 33.950 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF117049.D

Acq: 16 Sep 2019 8:31

Instrument :

BNA_F

ClientSampleId :

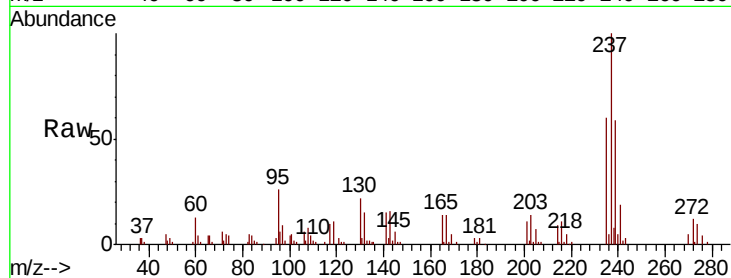
Tot Ion:237 Resp: 49086

Ion Ratio Lower Upper

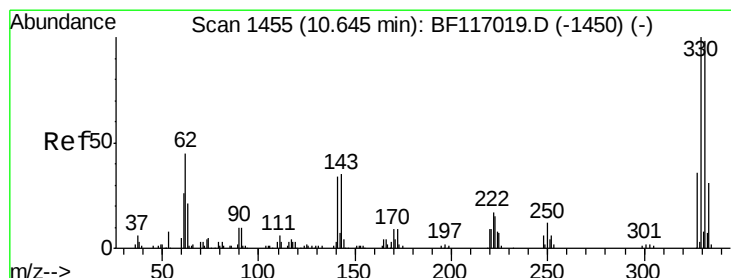
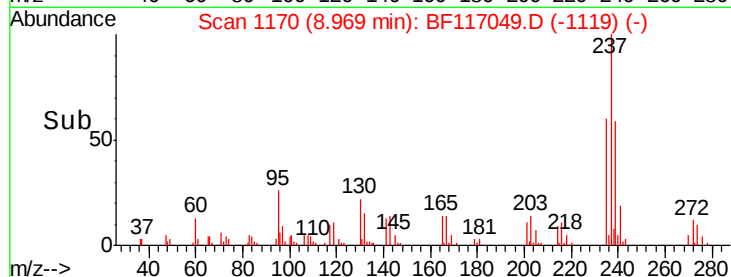
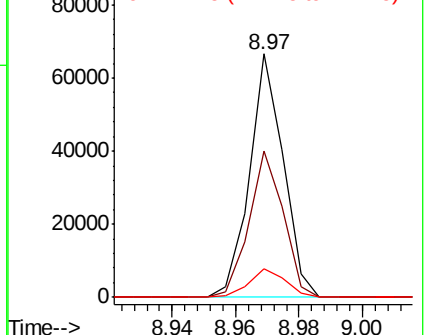
237 100

235 59.9 43.2 83.2

272 11.6 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: 75.076 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF117049.D

Acq: 16 Sep 2019 8:31

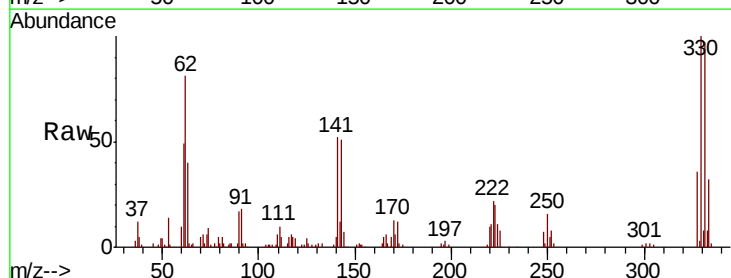
Tgt Ion:330 Resp: 93234

Ion Ratio Lower Upper

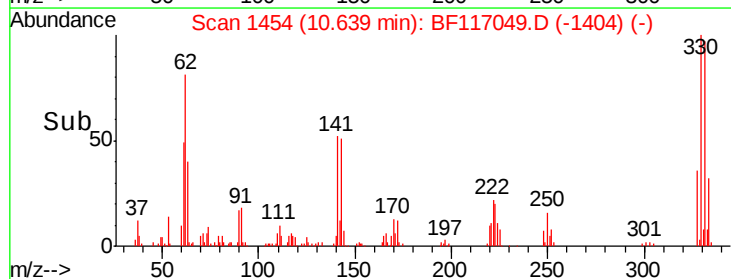
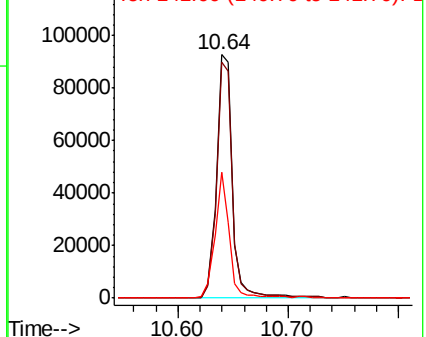
330 100

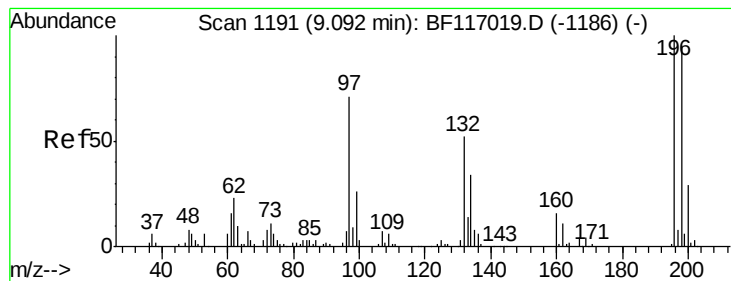
332 96.2 78.0 117.0

141 45.2 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: 37.322 ng

RT: 9.09 min Scan# 1191

Delta R.T. 0.00 min

Lab File: BF117049.D

Acq: 16 Sep 2019 8:31

Instrument :

BNA_F

ClientSampled :

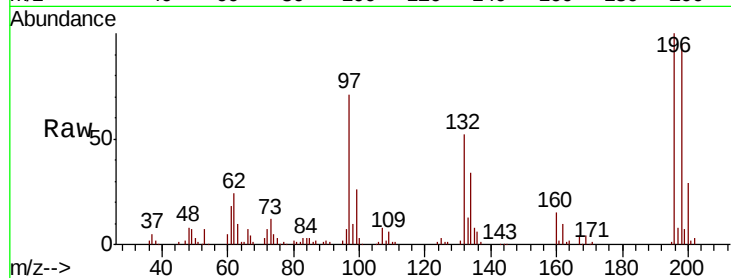
Tot Ion:196 Resp: 97182

Ion Ratio Lower Upper

196 100

198 94.5 75.7 113.5

200 28.5 23.3 34.9

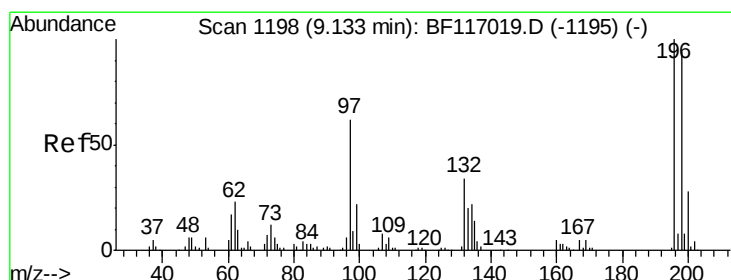
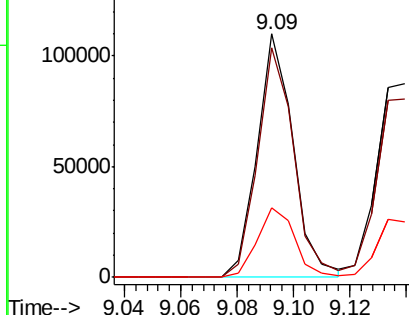
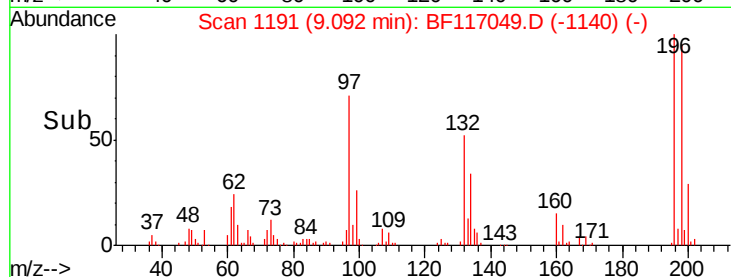


Abundance

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: 37.560 ng

RT: 9.14 min Scan# 1199

Delta R.T. 0.01 min

Lab File: BF117049.D

Acq: 16 Sep 2019 8:31

Tgt Ion:196 Resp: 104491

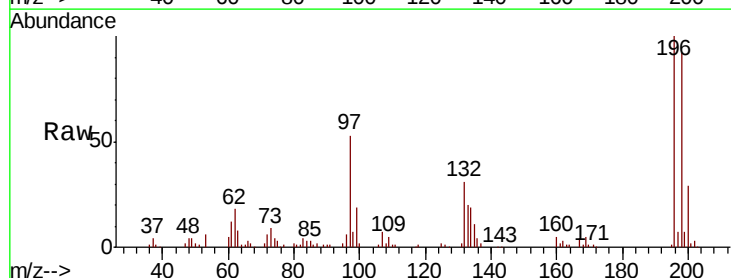
Ion Ratio Lower Upper

196 100

198 92.0 74.6 112.0

97 53.1 49.5 74.3

132 30.6 27.4 41.2



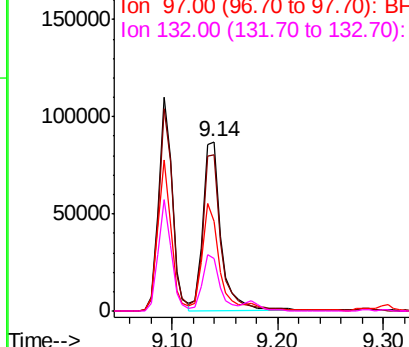
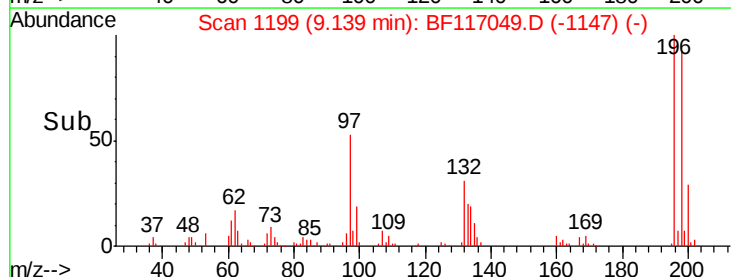
Abundance

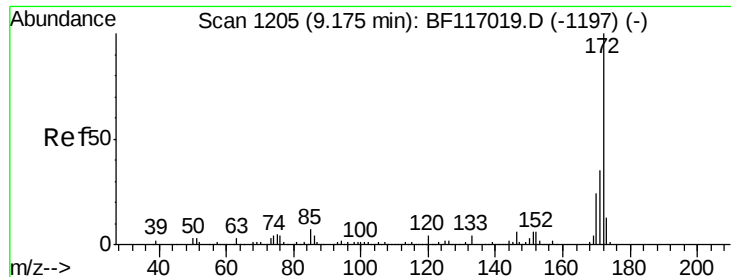
Ion 196.00 (195.70 to 196.70): E

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

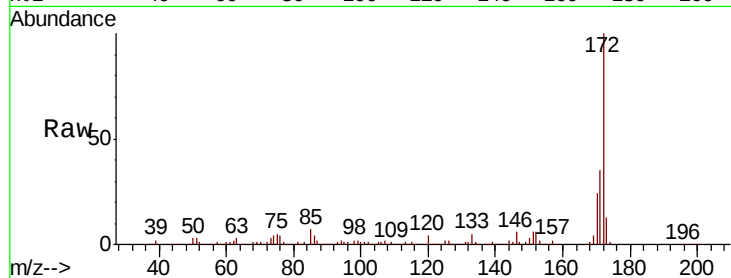




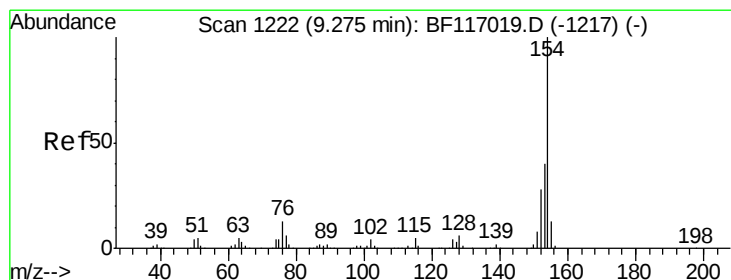
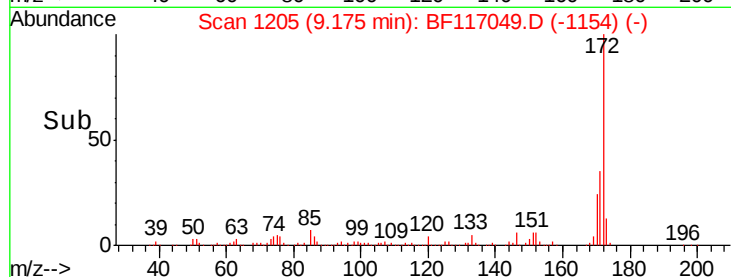
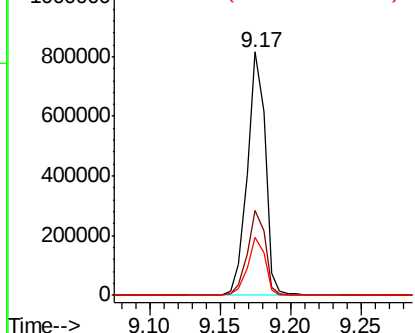
#45
2-Fluorobiphenyl
Concen: 76.632 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.2	42.2
170	23.8	18.9	28.3

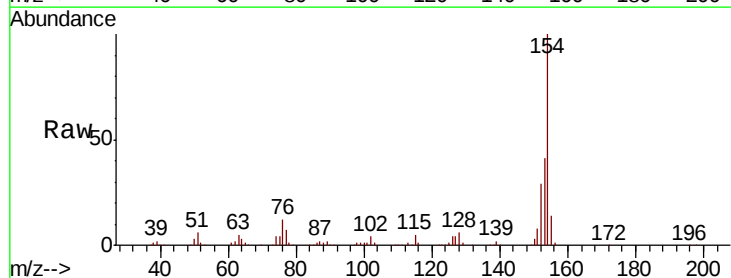


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

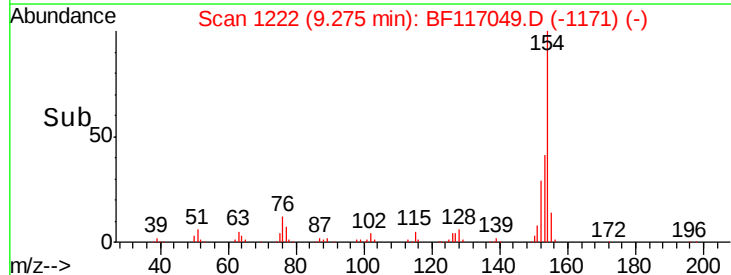
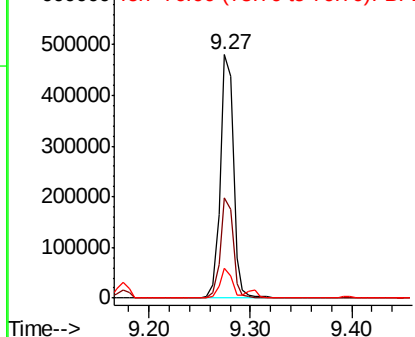


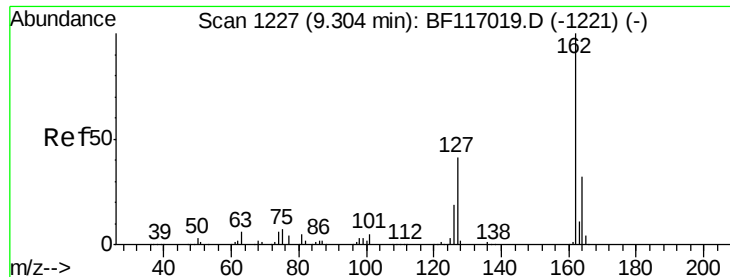
#46
1,1'-Biphenyl
Concen: 37.319 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.0	60.0
76	12.2	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

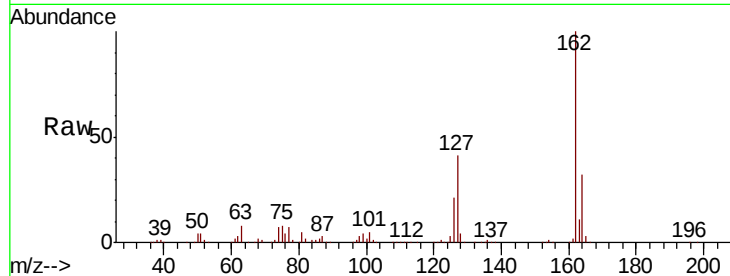




#47
 2-Chloronaphthalene
 Concen: 37.523 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: BF117049.D
 Acq: 16 Sep 2019 8:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.4	34.1	51.1
164	32.3	25.9	38.9

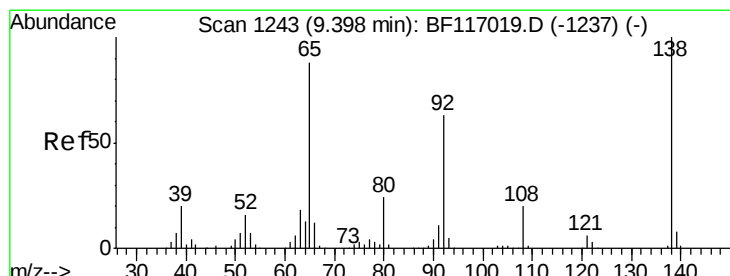
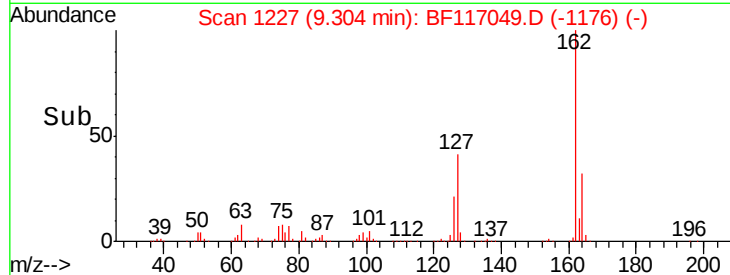
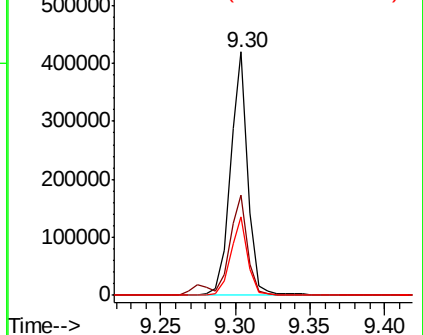


Abundance

Ion 162.00 (161.70 to 162.70): E

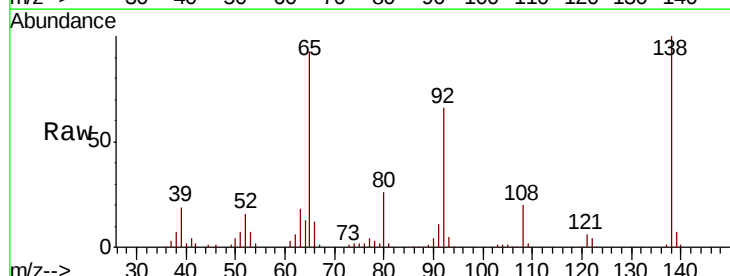
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 38.723 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF117049.D
 Acq: 16 Sep 2019 8:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.0	57.5	86.3
138	108.0	90.6	136.0

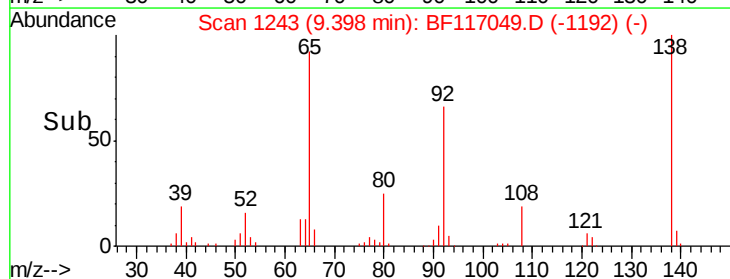
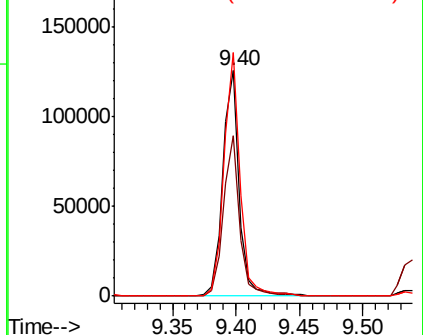


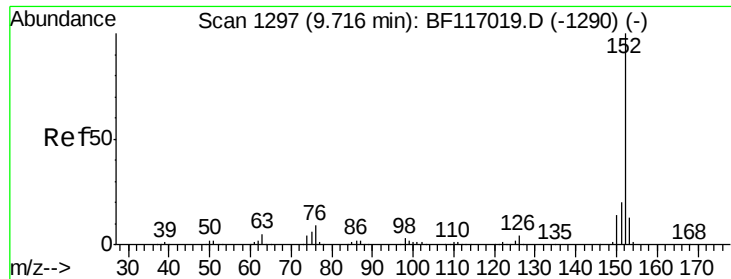
Abundance

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: 37.778 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF117049.D

Acq: 16 Sep 2019 8:31

Instrument :

BNA_F

ClientSampleId :

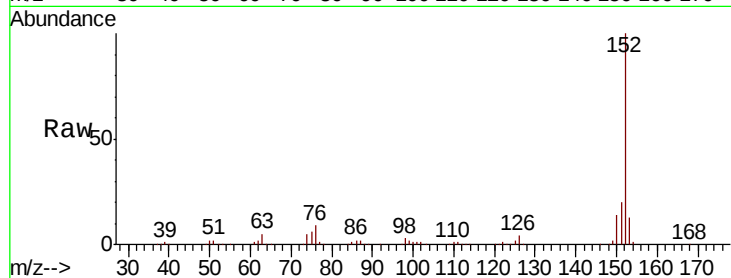
Tot Ion:152 Resp: 520574

Ion Ratio Lower Upper

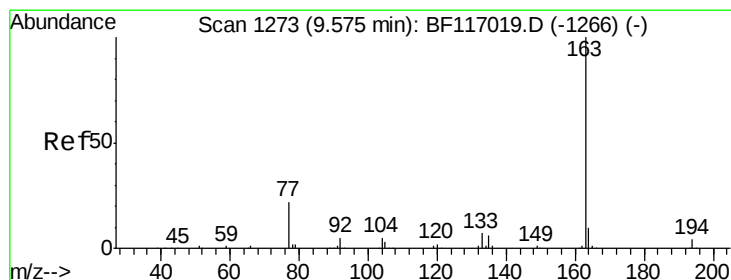
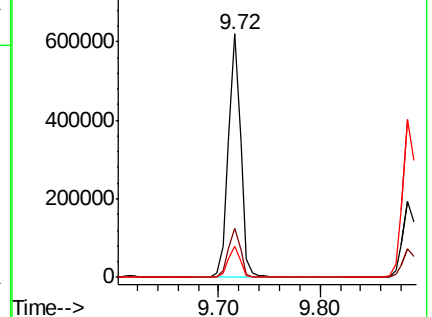
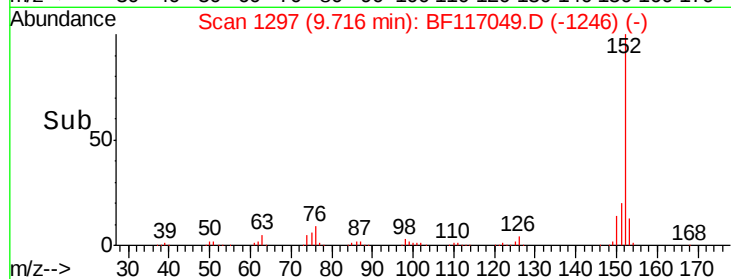
152 100

151 20.0 16.2 24.2

153 12.8 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: 37.296 ng

RT: 9.57 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF117049.D

Acq: 16 Sep 2019 8:31

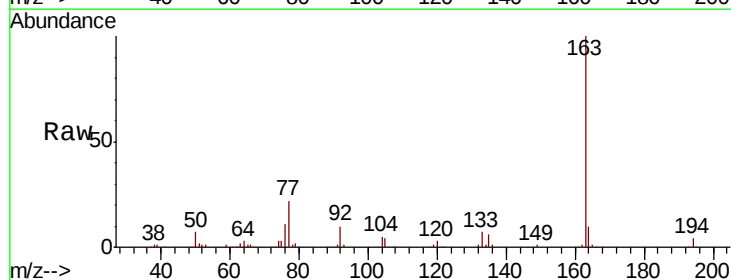
Tgt Ion:163 Resp: 392380

Ion Ratio Lower Upper

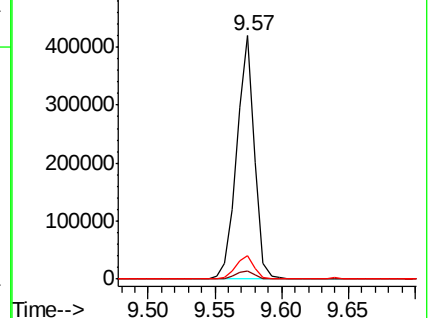
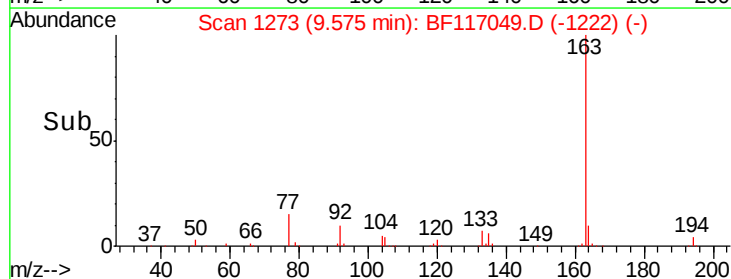
163 100

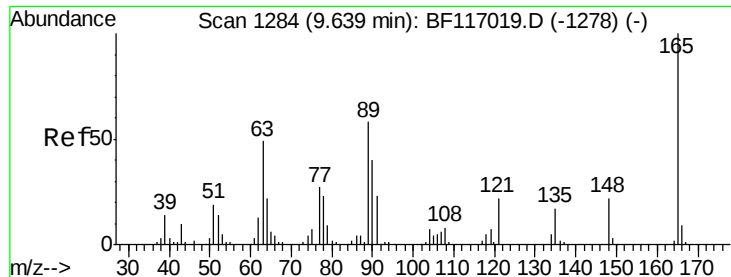
194 3.5 2.9 4.3

164 9.6 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

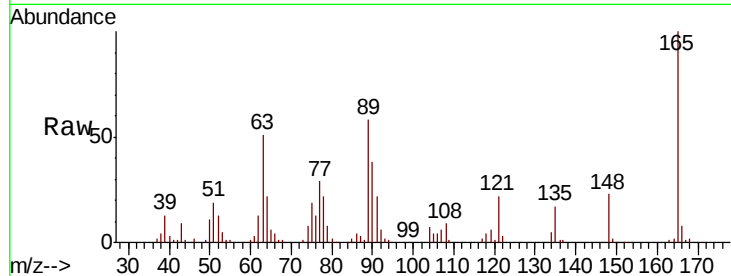




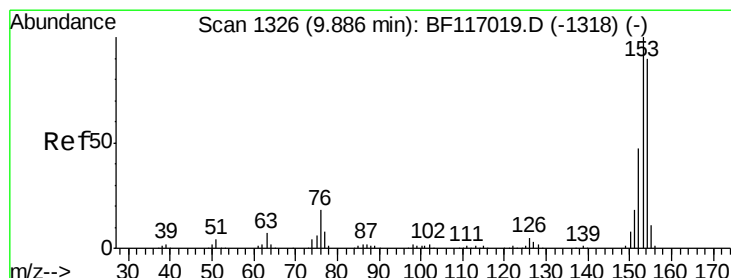
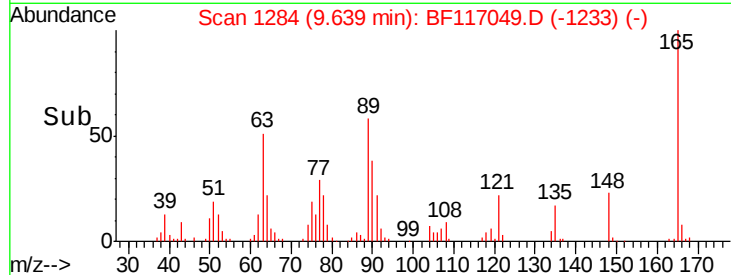
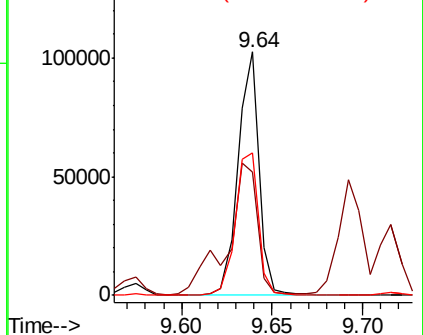
#51
 2,6-Dinitrotoluene
 Concen: 38.493 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: BF117049.D
 Acq: 16 Sep 2019 8:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.5	41.8	62.8
89	58.5	46.5	69.7

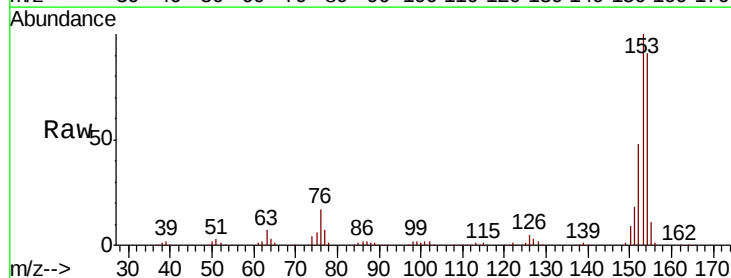


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

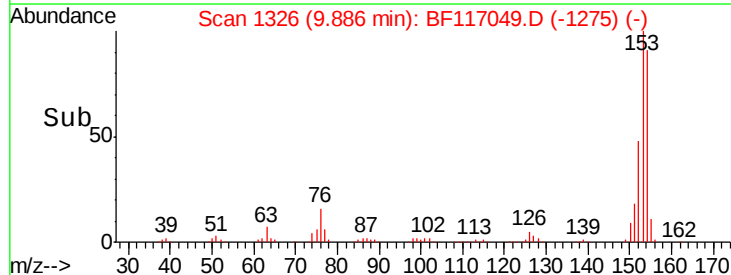
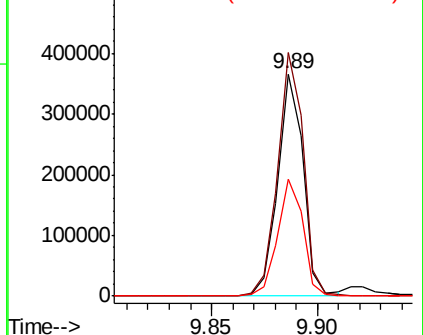


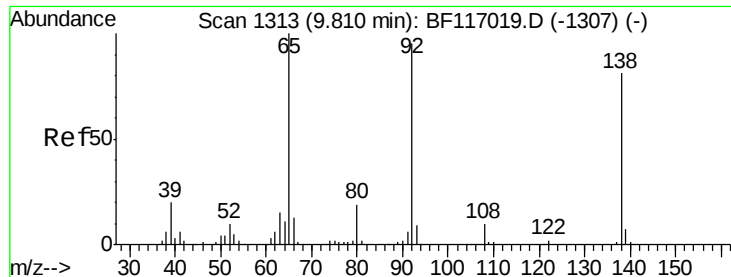
#52
 Acenaphthene
 Concen: 37.466 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF117049.D
 Acq: 16 Sep 2019 8:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.6	89.0	133.6
152	52.7	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

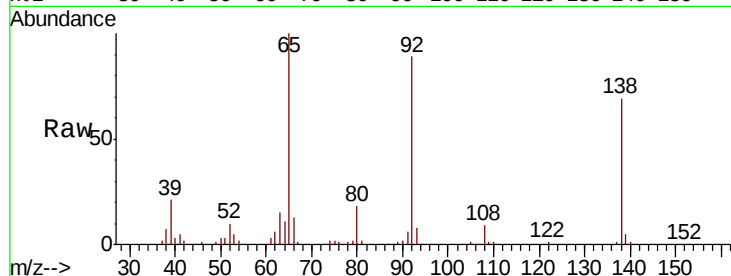




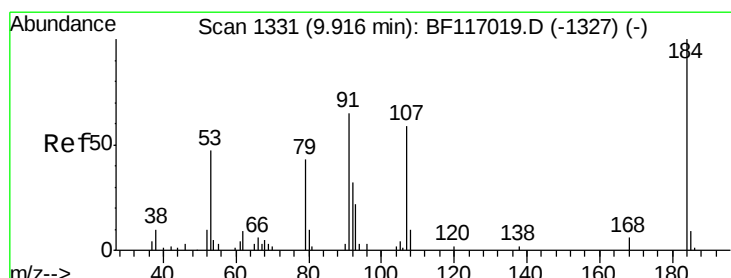
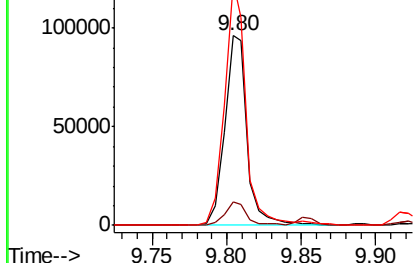
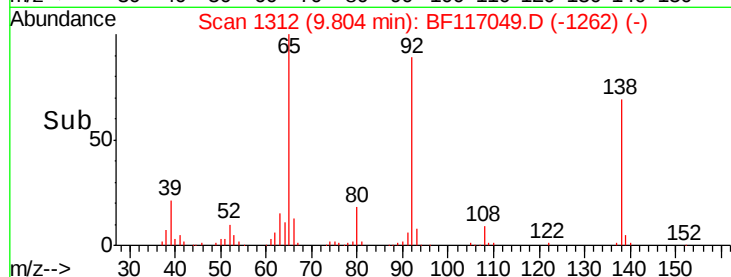
#53
3-Nitroaniline
Concen: 37.582 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 101602
Ion Ratio Lower Upper
138 100
108 12.3 9.5 14.3
92 128.4 94.1 141.1

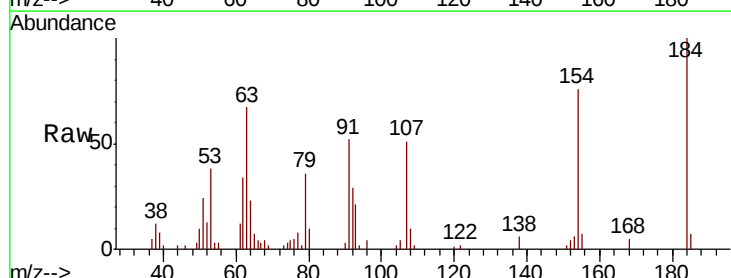


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

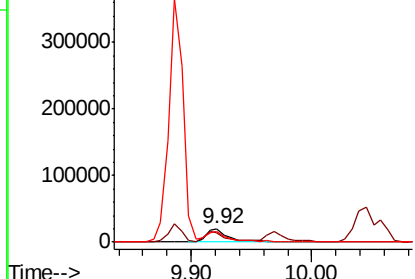
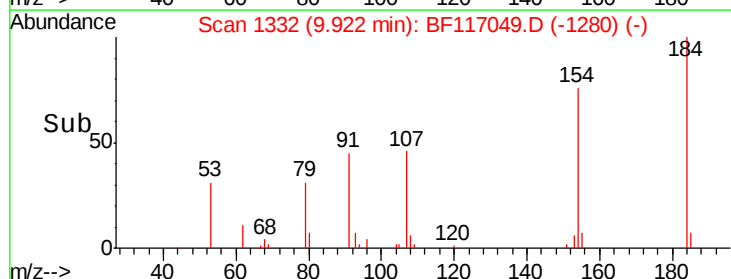


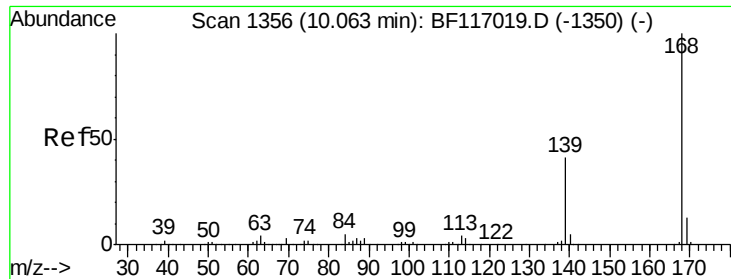
#54
2,4-Dinitrophenol
Concen: 35.419 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

Tgt Ion:184 Resp: 27433
Ion Ratio Lower Upper
184 100
63 66.9 63.8 95.6
154 75.9 60.4 90.6



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

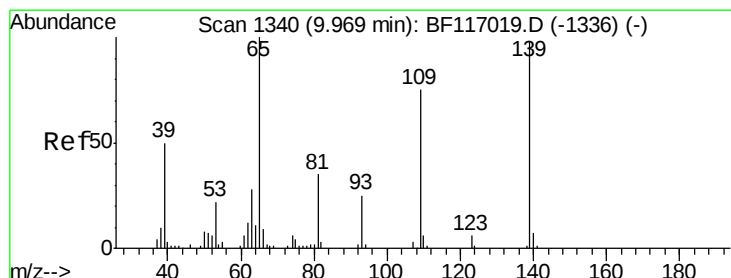
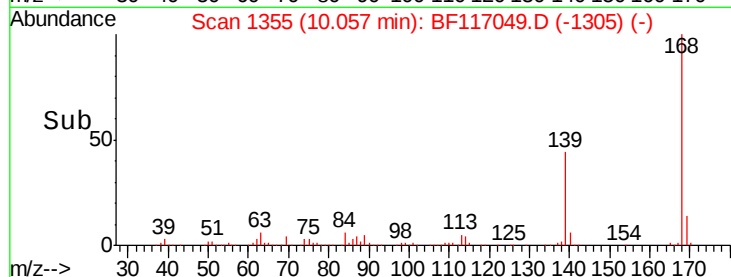
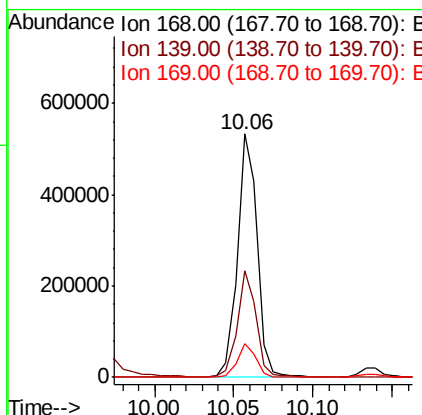
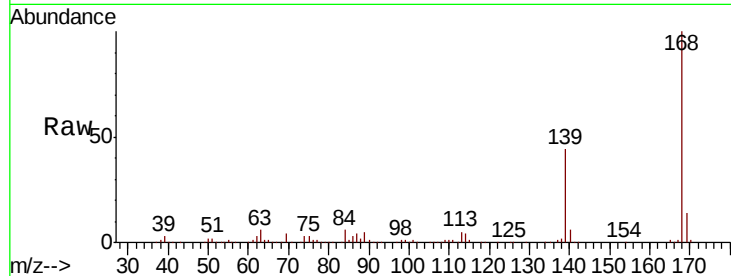




#55
Dibenzenofuran
Concen: 38.144 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

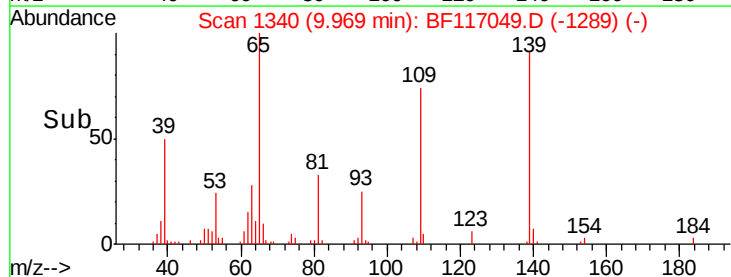
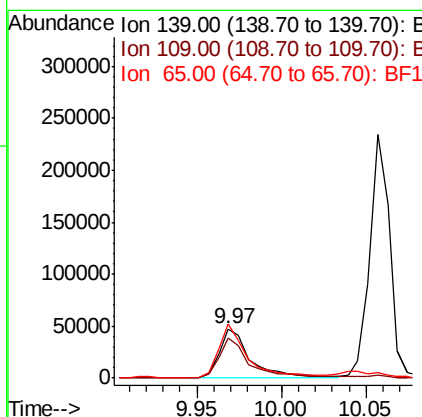
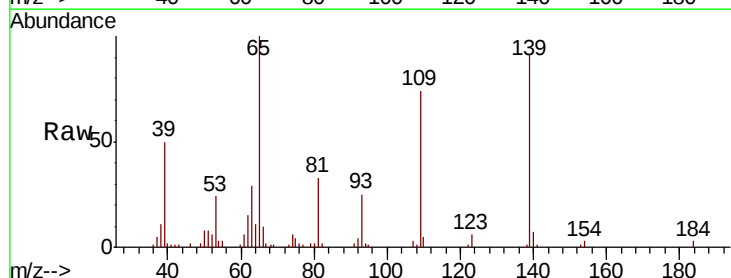
Instrument :
BNA_F
ClientSampleId :

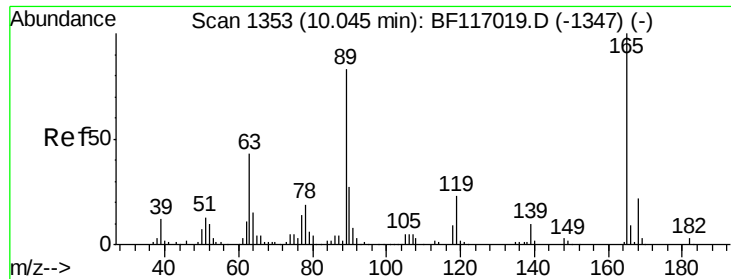
Tot Ion:168 Resp: 459709
Ion Ratio Lower Upper
168 100
139 44.0 32.8 49.2
169 13.7 10.5 15.7



#56
4-Nitrophenol
Concen: 35.212 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

Tgt Ion:139 Resp: 61697
Ion Ratio Lower Upper
139 100
109 81.2 56.4 96.4
65 110.2 82.5 122.5

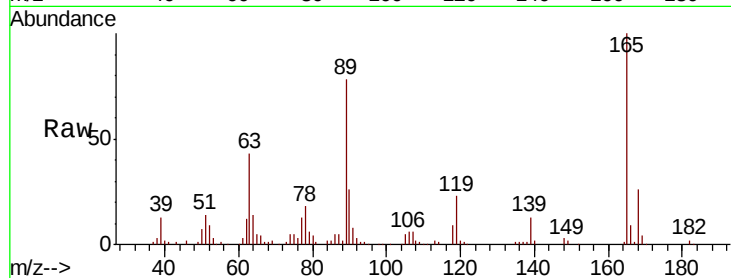




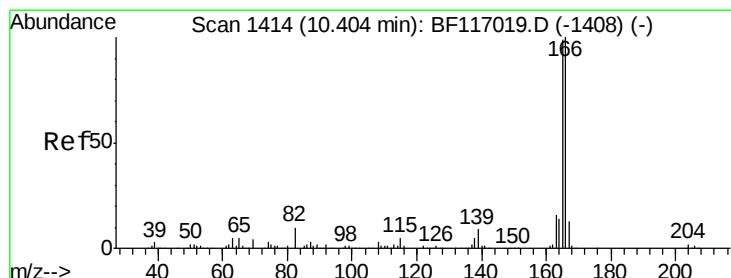
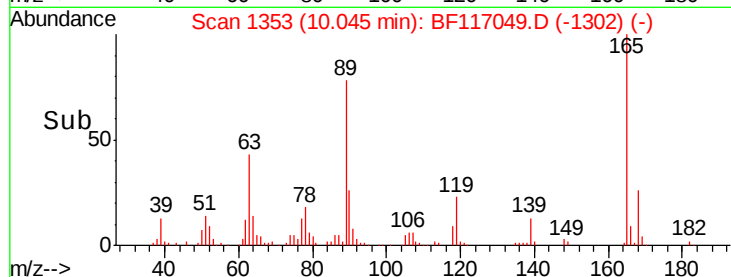
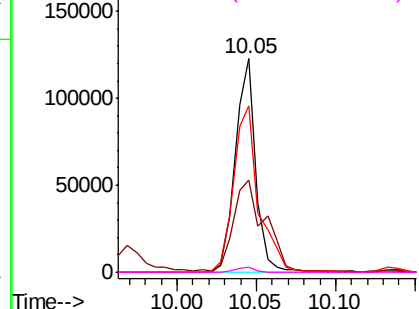
#57
2,4-Dinitrotoluene
Concen: 39.589 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.0	35.0	52.4
89	77.9	66.1	99.1
182	2.4	2.0	3.0

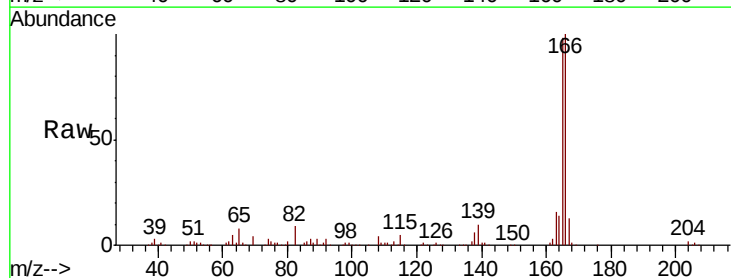


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

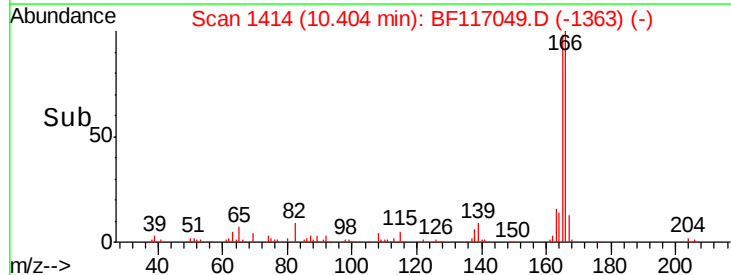
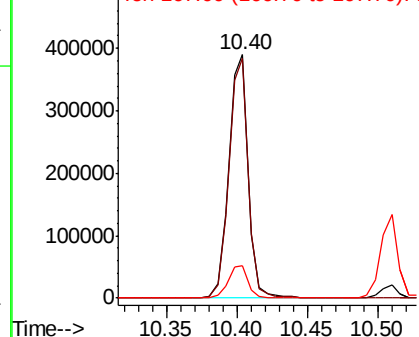


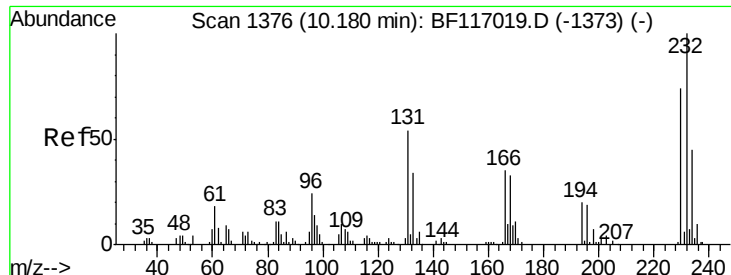
#58
Fluorene
Concen: 37.958 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.9	118.3
167	13.3	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

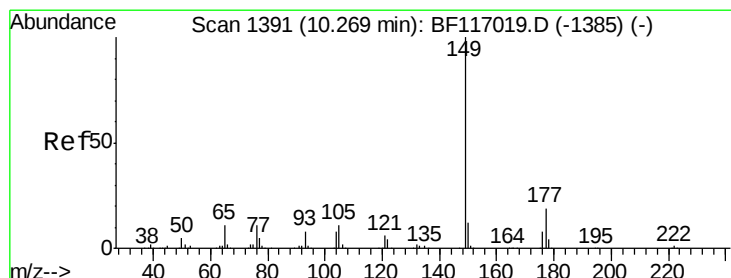
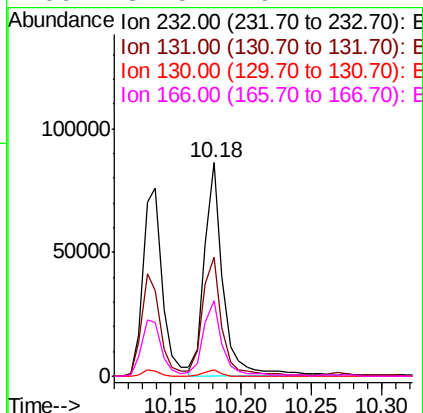
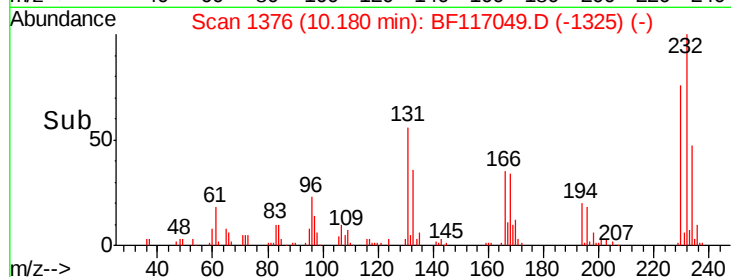
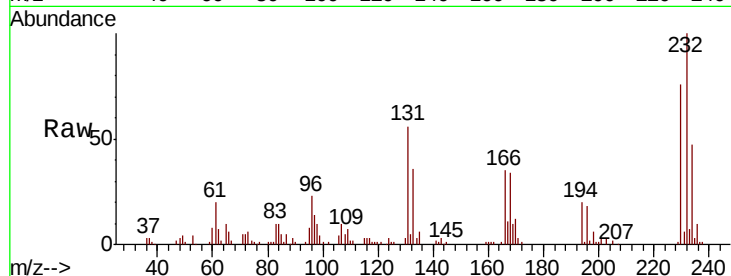




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.913 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF117049.D
 Acq: 16 Sep 2019 8:31

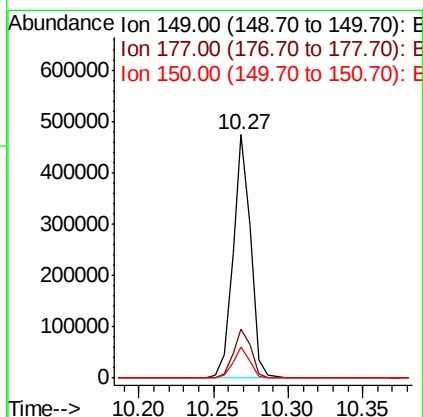
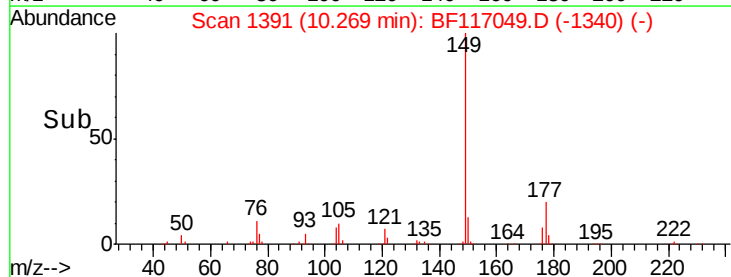
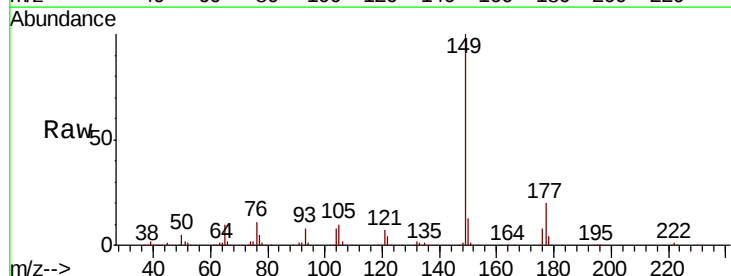
Instrument :
 BNA_F
 ClientSampleId :

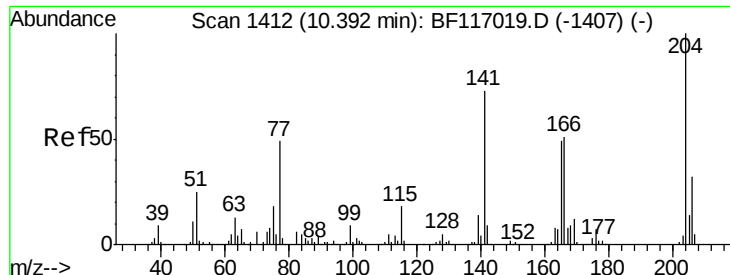
Tot Ion	Ratio	Lower	Upper
232	100		
131	59.4	45.3	67.9
130	2.5	1.8	2.8
166	37.5	29.4	44.2



#60
 Diethylphthalate
 Concen: 38.220 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: BF117049.D
 Acq: 16 Sep 2019 8:31

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.1	15.2	22.8
150	12.6	9.9	14.9

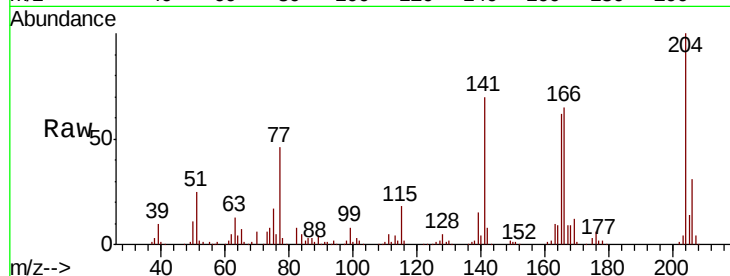




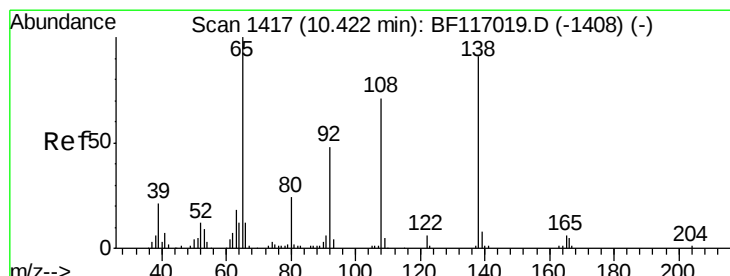
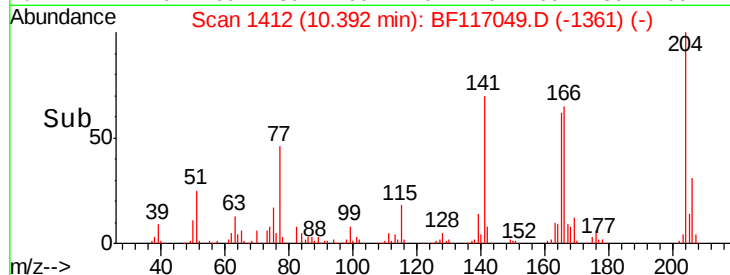
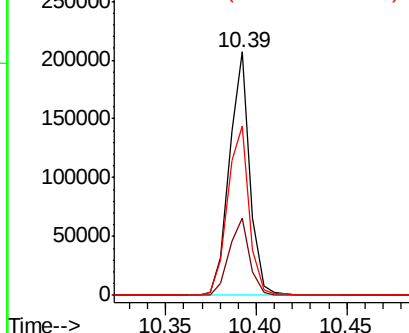
#61
 4-Chlorophenyl-phenylether
 Concen: 38.704 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF117049.D
 Acq: 16 Sep 2019 8:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.5	26.0	39.0
141	69.8	58.2	87.2

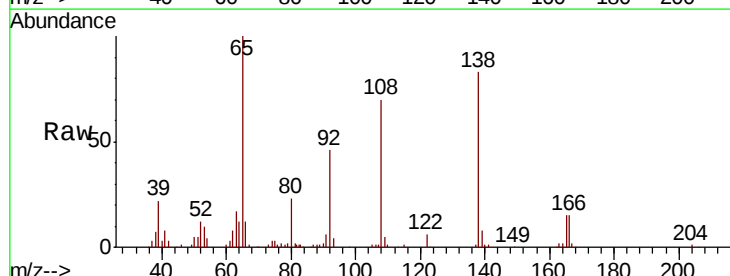


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

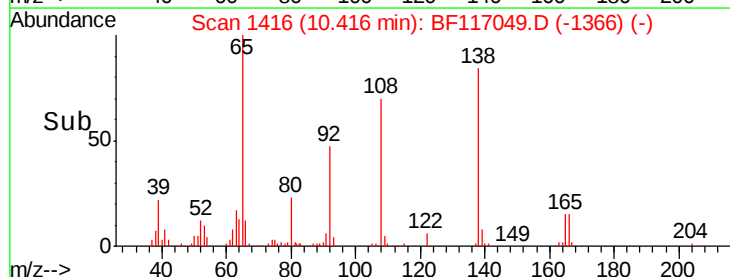
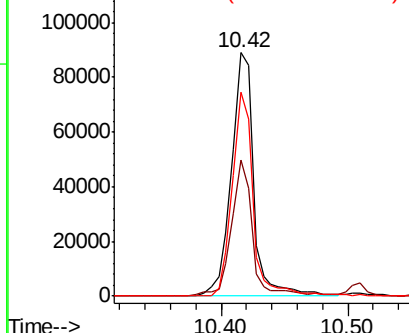


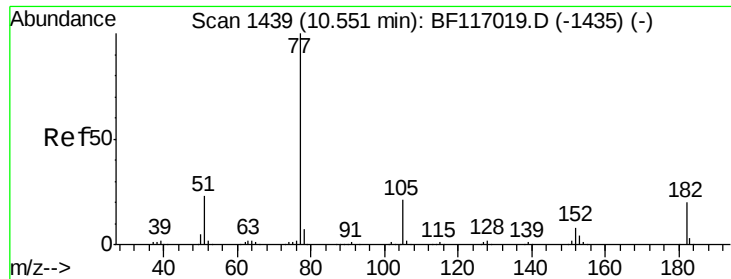
#62
 4-Nitroaniline
 Concen: 38.472 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF117049.D
 Acq: 16 Sep 2019 8:31

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.7	32.9	72.9
108	83.7	58.3	98.3



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

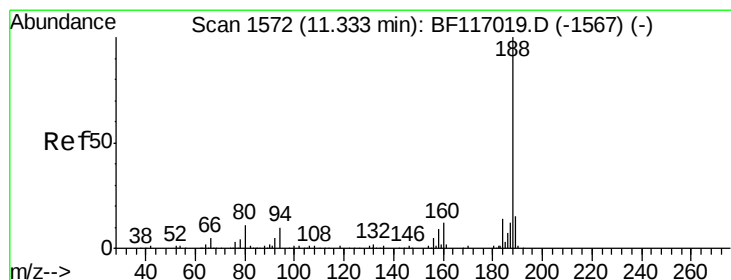
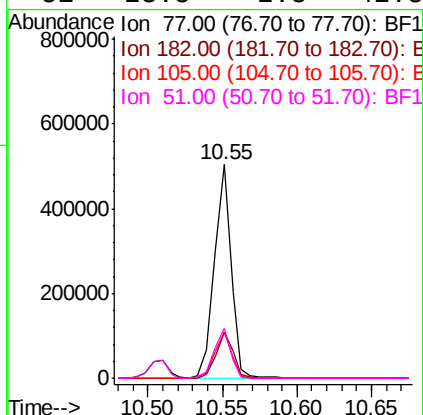
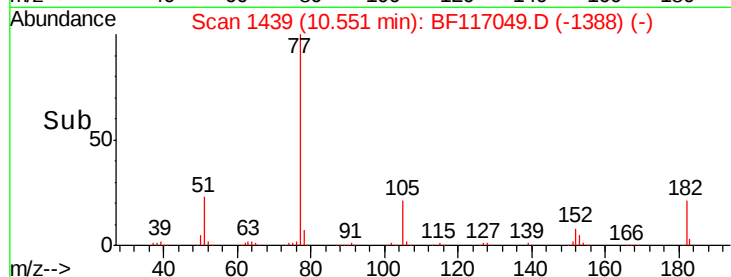
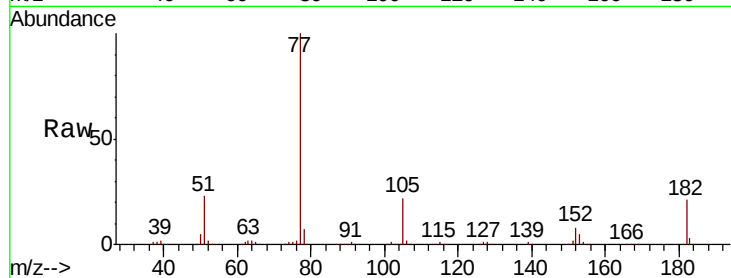




#63
Azobenzene
Concen: 37.205 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

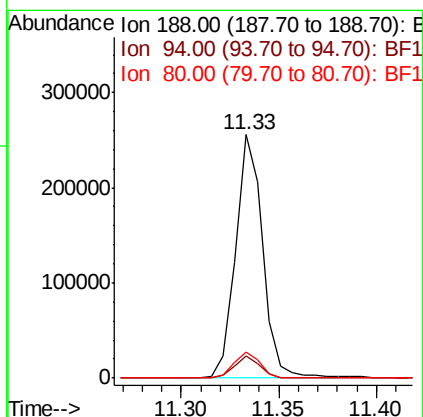
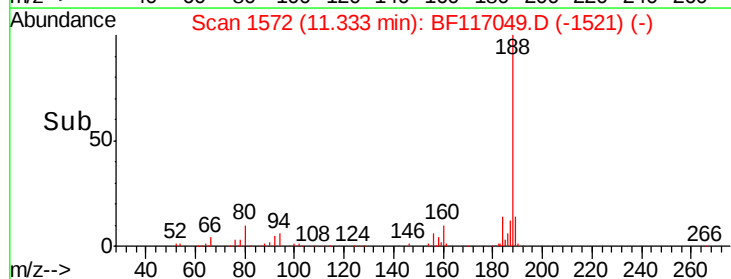
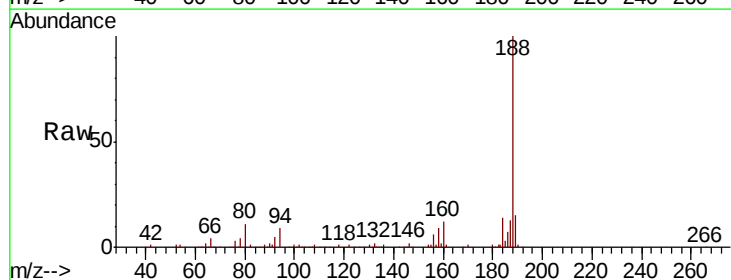
Instrument :
BNA_F
ClientSampleId :

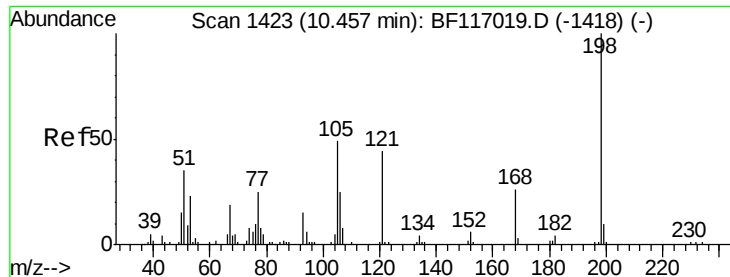
Tot Ion:	77	Resp:	393309
Ion	Ratio	Lower	Upper
77	100		
182	21.4	0.4	40.4
105	21.6	0.9	40.9
51	23.5	2.8	42.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

Tgt Ion:	188	Resp:	244575
Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.2	12.2
80	10.7	9.0	13.6





#65

4,6-Dinitro-2-methylphenol

Concen: 34.484 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BF117049.D

Acq: 16 Sep 2019 8:31

Instrument :

BNA_F

ClientSampleId :

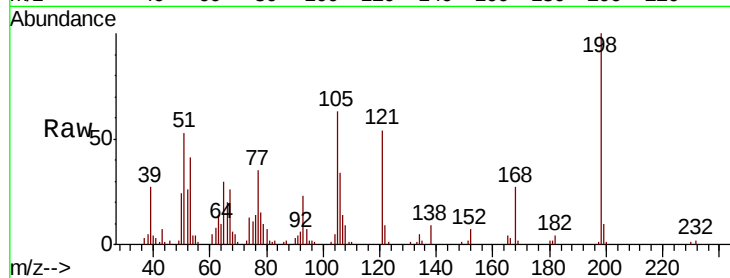
Tot Ion:198 Resp: 35899

Ion Ratio Lower Upper

198 100

51 52.8 18.7 58.7

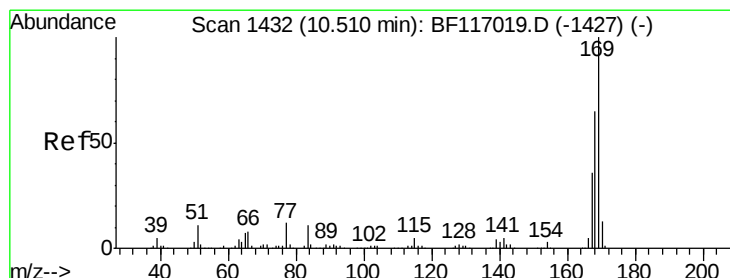
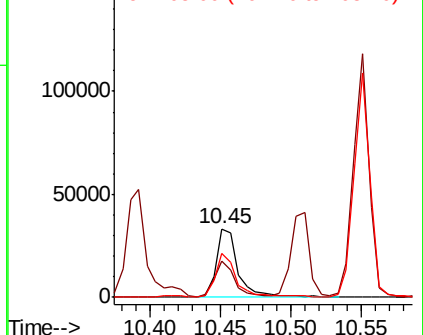
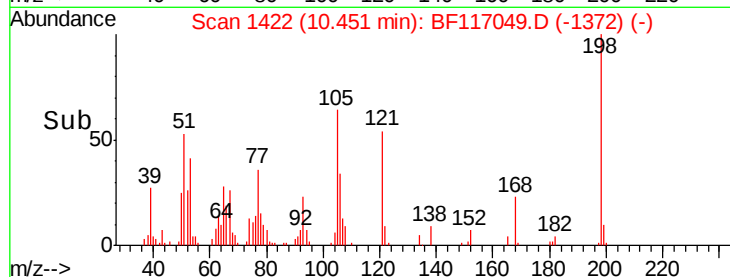
105 63.2 30.2 70.2



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: 37.791 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF117049.D

Acq: 16 Sep 2019 8:31

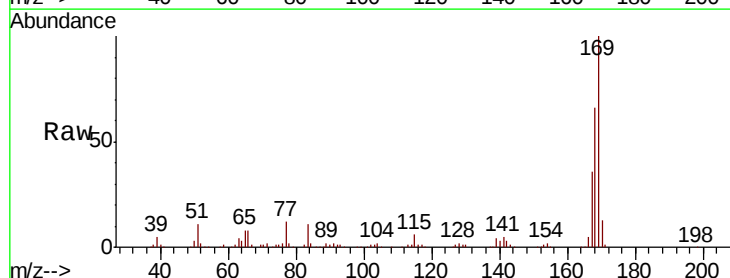
Tgt Ion:169 Resp: 319202

Ion Ratio Lower Upper

169 100

168 65.7 52.2 78.2

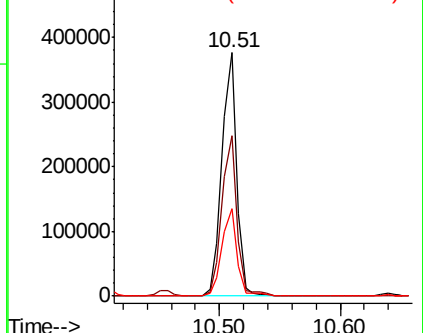
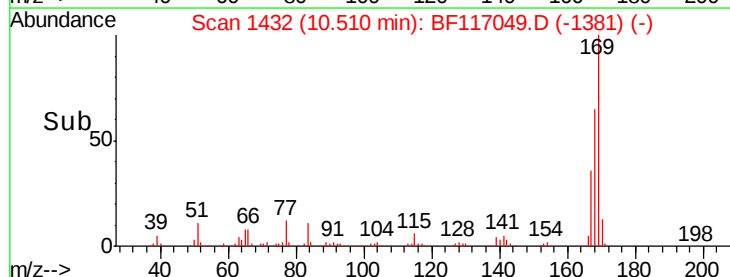
167 35.8 28.8 43.2

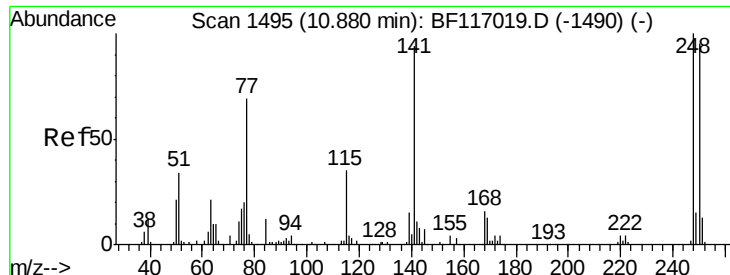


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

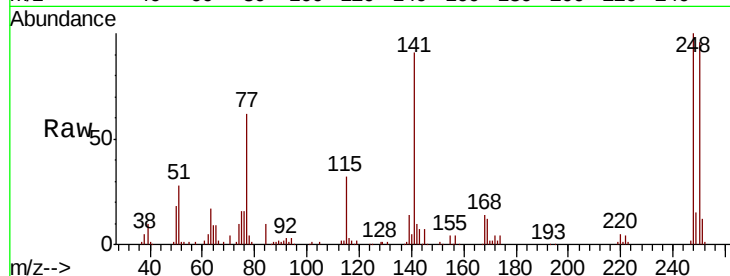




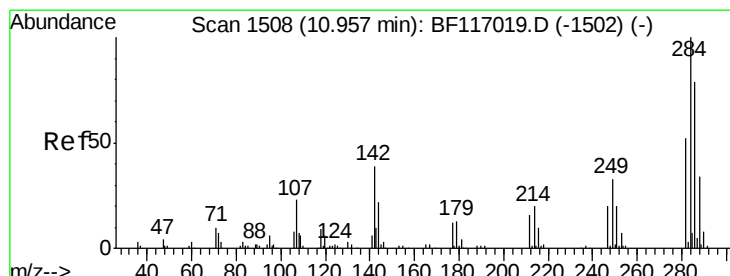
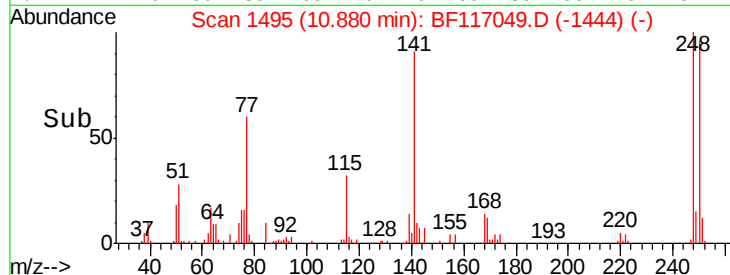
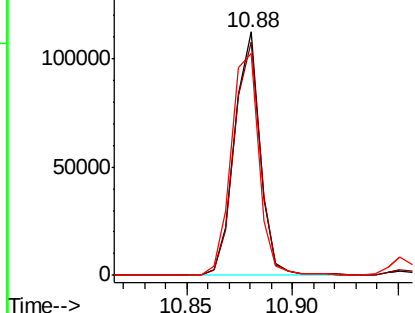
#67
 4-Bromophenyl-phenylether
 Concen: 37.581 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF117049.D
 Acq: 16 Sep 2019 8:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	76.2	114.4
141	90.9	75.0	112.4

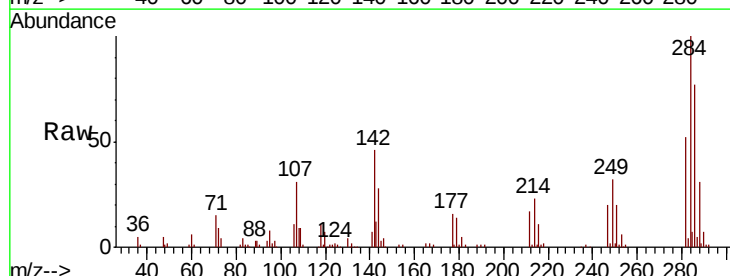


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

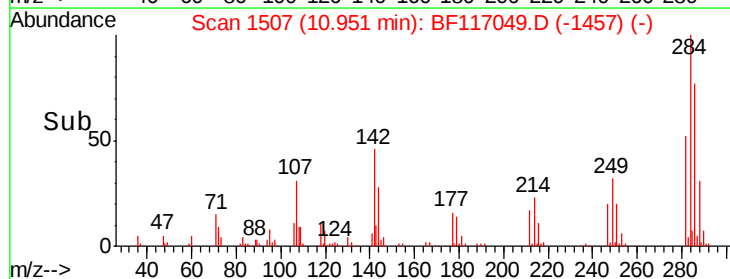
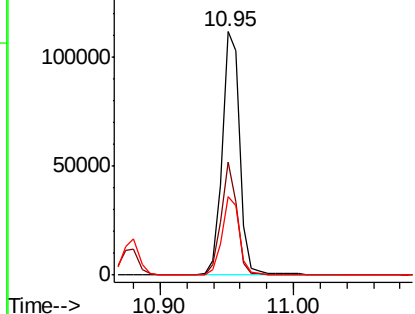


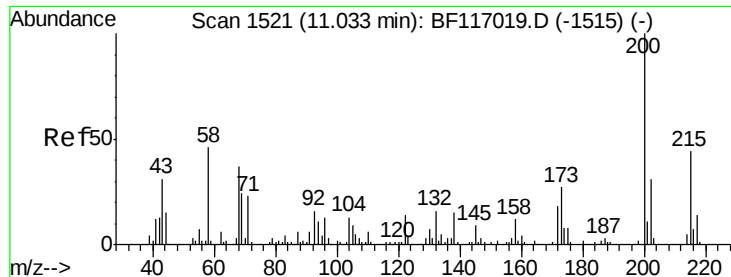
#68
 Hexachlorobenzene
 Concen: 38.060 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF117049.D
 Acq: 16 Sep 2019 8:31

Tgt Ion	Ratio	Lower	Upper
284	100		
142	46.5	31.4	47.2
249	32.1	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

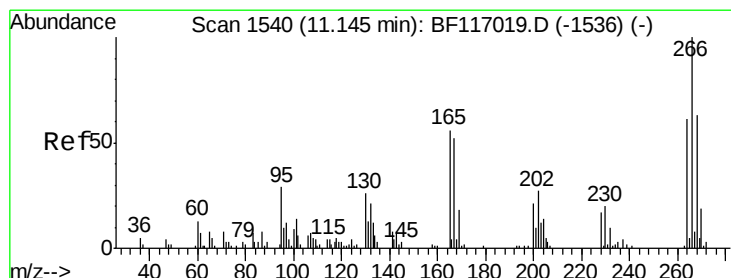
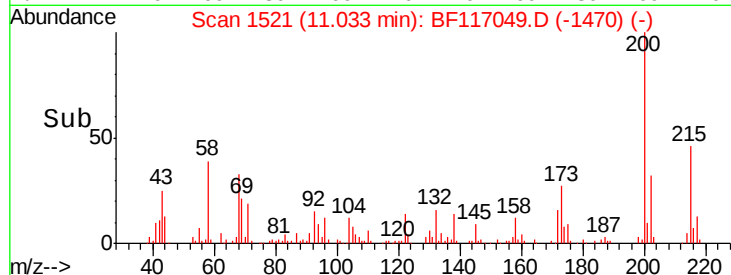
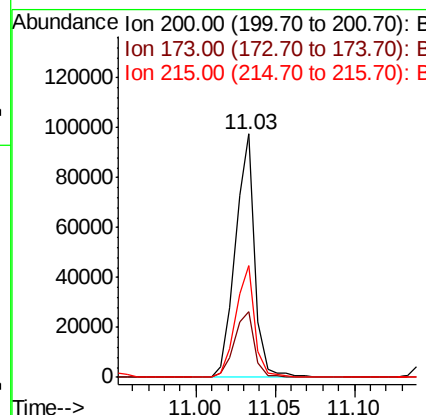
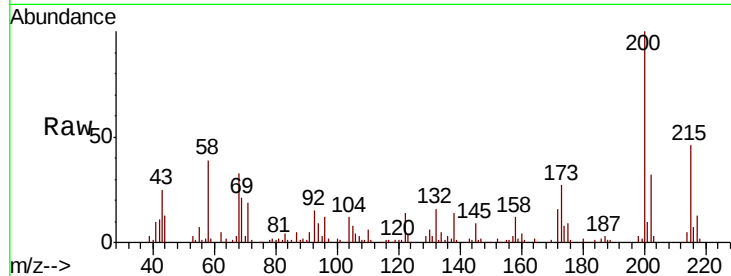




#69
 Atrazine
 Concen: 37.654 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: BF117049.D
 Acq: 16 Sep 2019 8:31

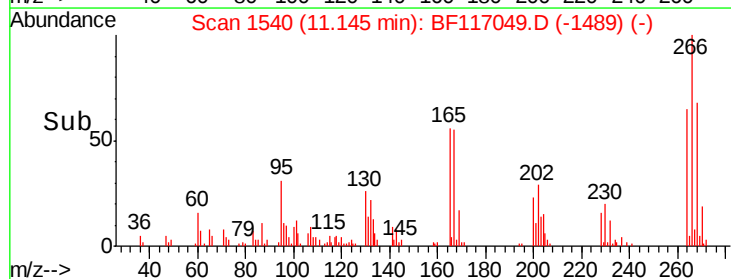
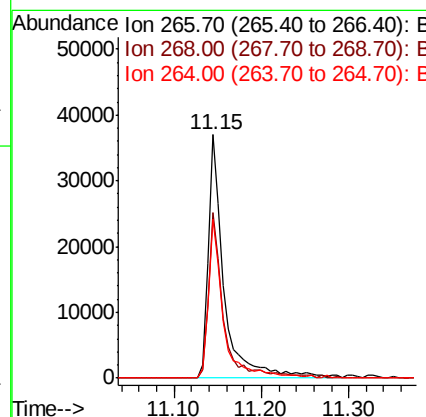
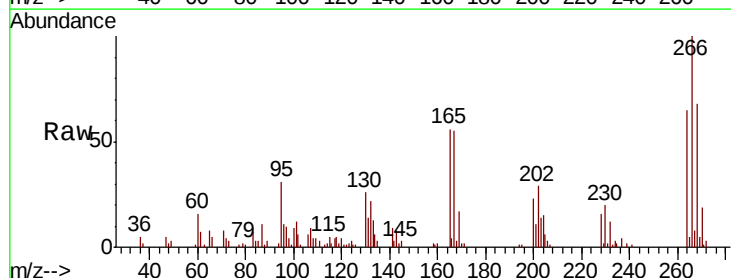
Instrument :
 BNA_F
 ClientSampleId :

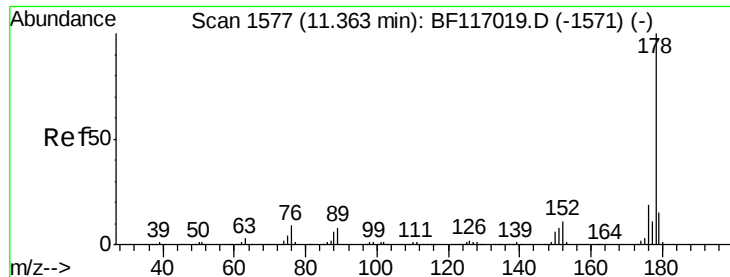
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	6.9	46.9
215	46.0	23.8	63.8



#70
 Pentachlorophenol
 Concen: 36.261 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: BF117049.D
 Acq: 16 Sep 2019 8:31

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.2	50.5	75.7
264	65.1	48.8	73.2

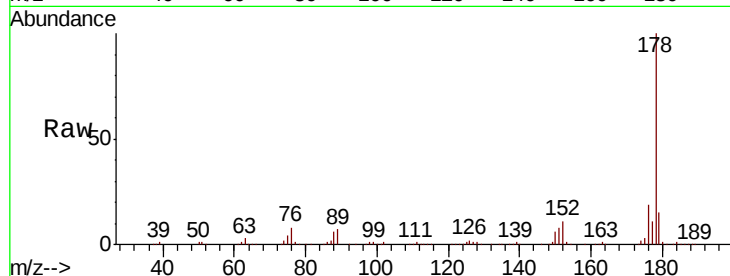




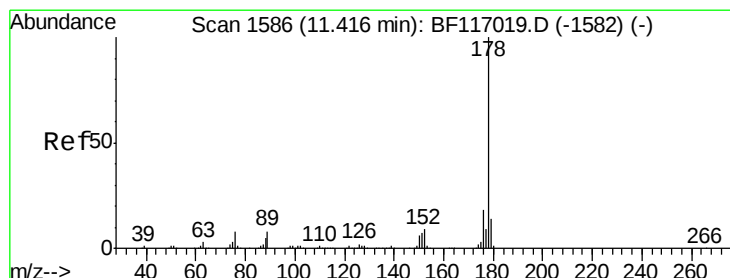
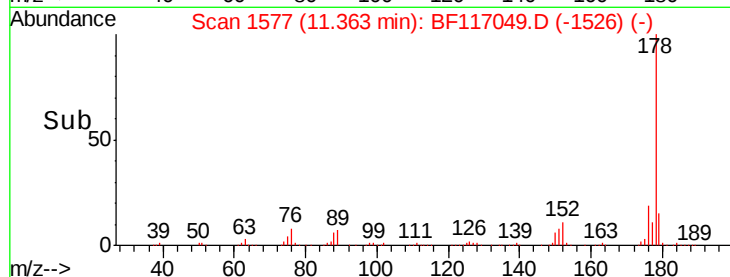
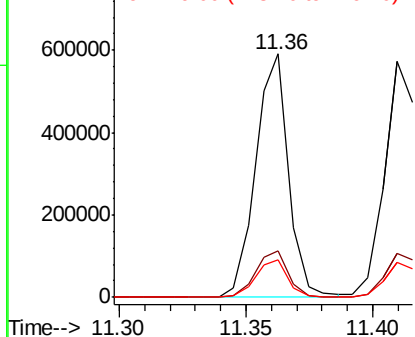
#71
Phenanthrene
Concen: 38.219 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.2	12.4	18.6

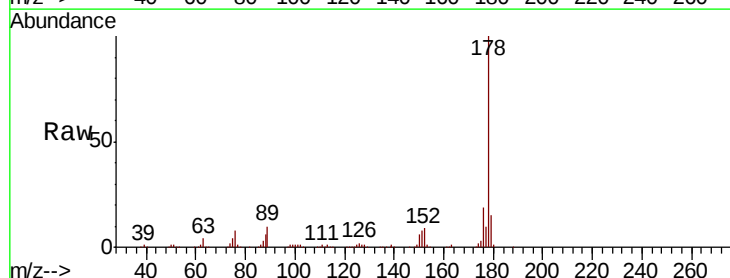


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

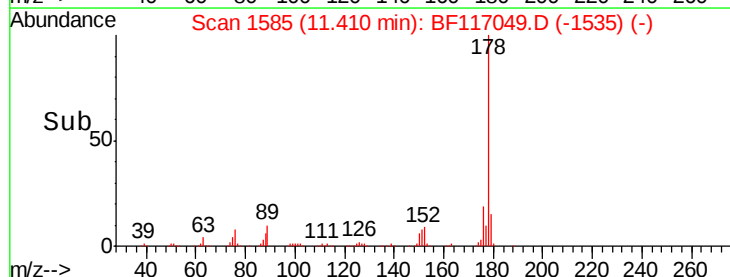
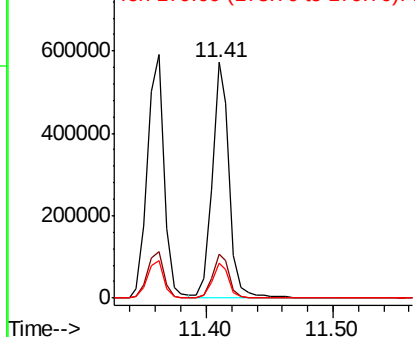


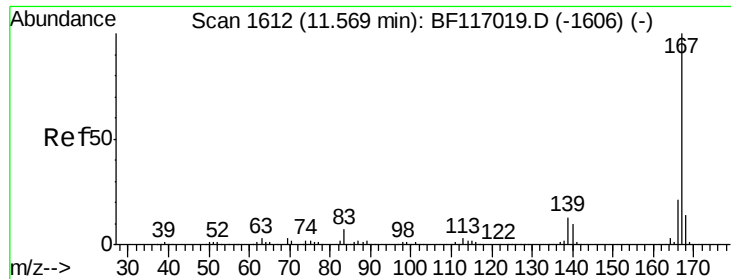
#72
Anthracene
Concen: 38.115 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	21.8
179	15.1	11.6	17.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

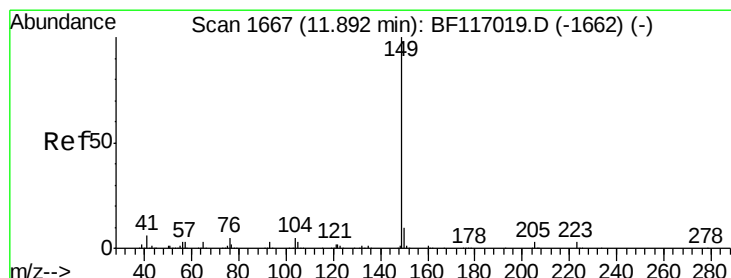
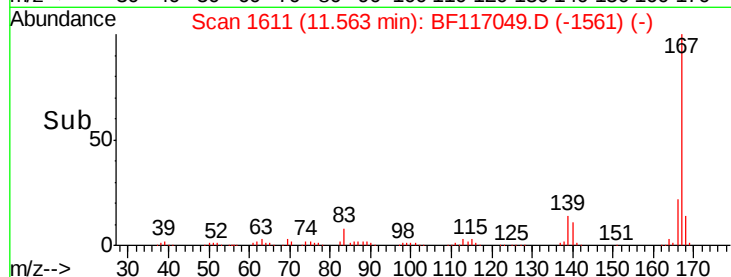
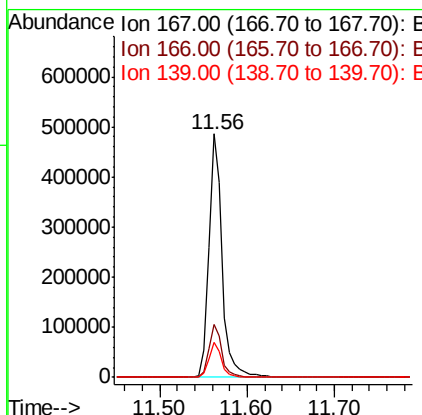
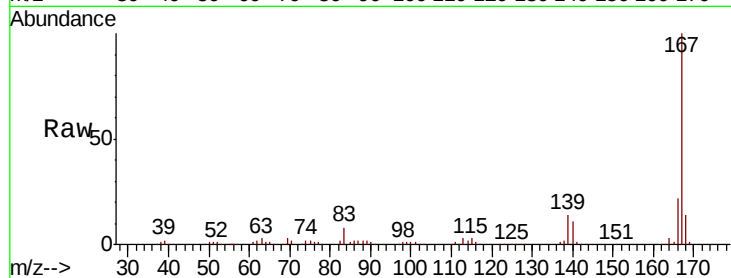




#73
 Carbazole
 Concen: 37.819 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF117049.D
 Acq: 16 Sep 2019 8:31

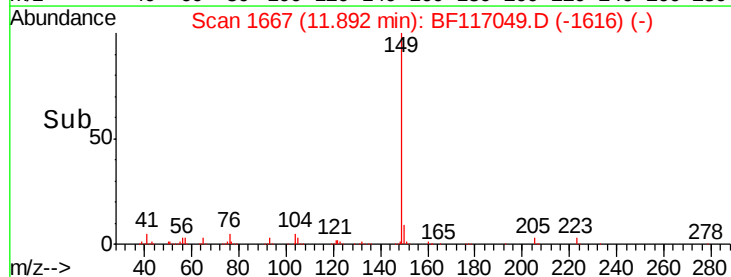
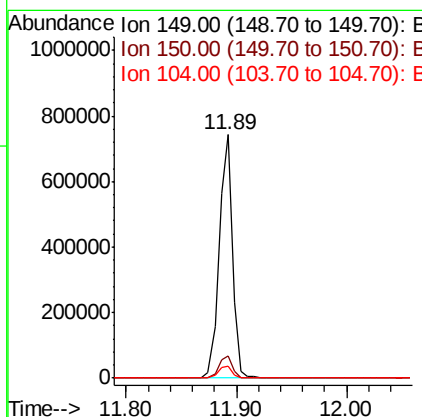
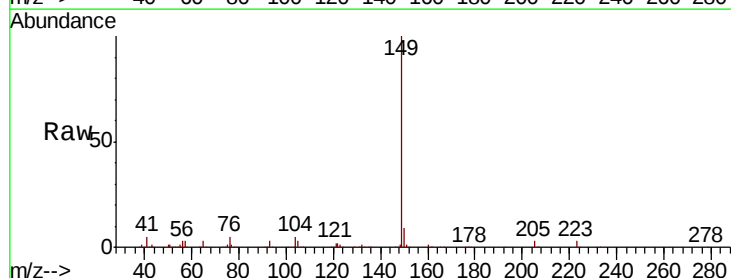
Instrument :
 BNA_F
 ClientSampleId :

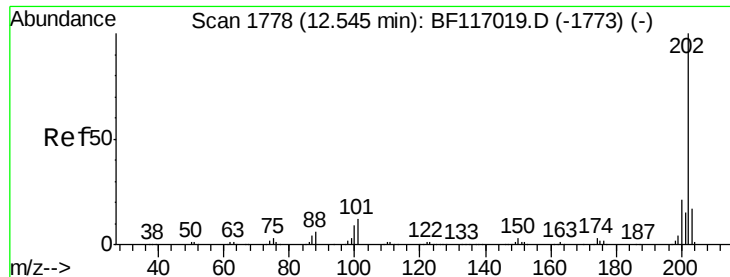
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	14.4	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 38.689 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF117049.D
 Acq: 16 Sep 2019 8:31

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.7	11.5
104	5.0	4.2	6.4





#75

Fluoranthene

Concen: 38.119 ng

RT: 12.54 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF117049.D

Acq: 16 Sep 2019 8:31

Instrument :

BNA_F

ClientSampleId :

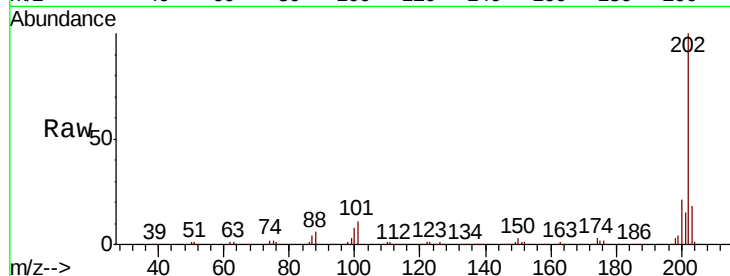
Tot Ion:202 Resp: 544106

Ion Ratio Lower Upper

202 100

101 11.0 0.0 32.3

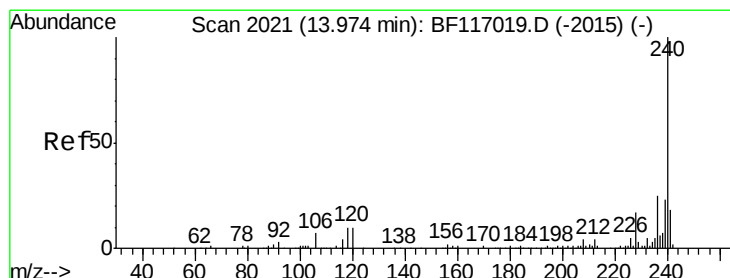
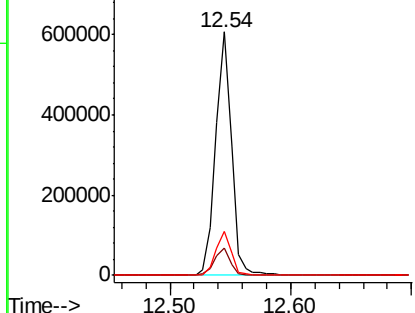
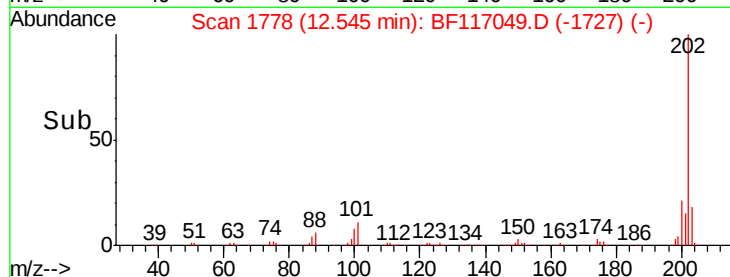
203 18.0 0.0 37.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF117049.D

Acq: 16 Sep 2019 8:31

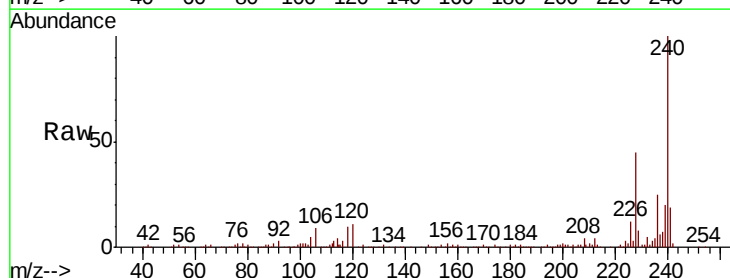
Tgt Ion:240 Resp: 170791

Ion Ratio Lower Upper

240 100

120 11.4 8.3 12.5

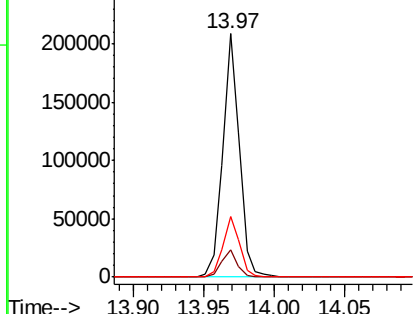
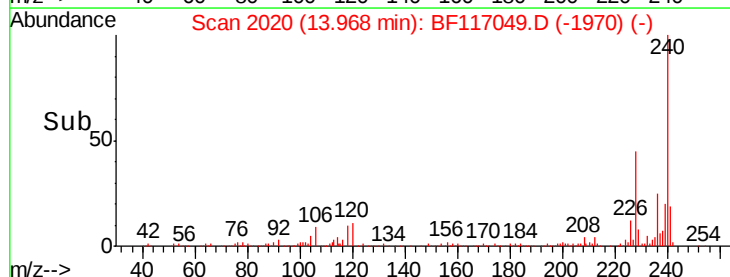
236 25.1 20.3 30.5

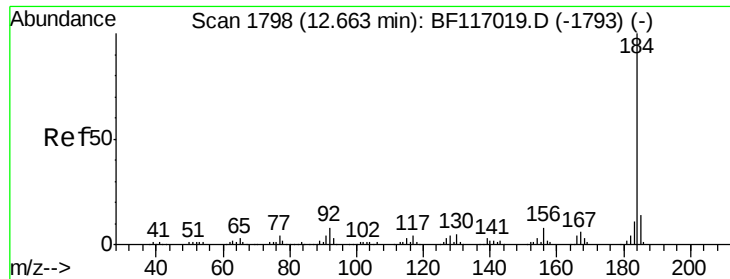


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.116 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF117049.D

Acq: 16 Sep 2019 8:31

Instrument :

BNA_F

ClientSampleId :

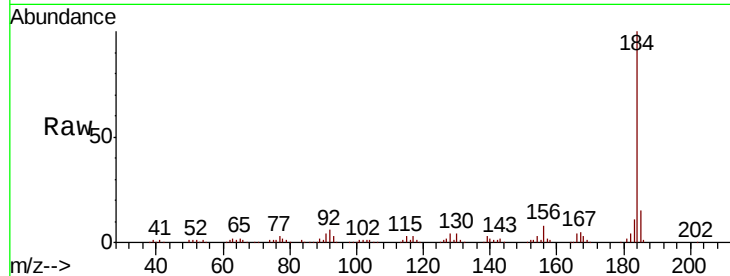
Tot Ion:184 Resp: 226206

Ion Ratio Lower Upper

184 100

185 15.1 11.6 17.4

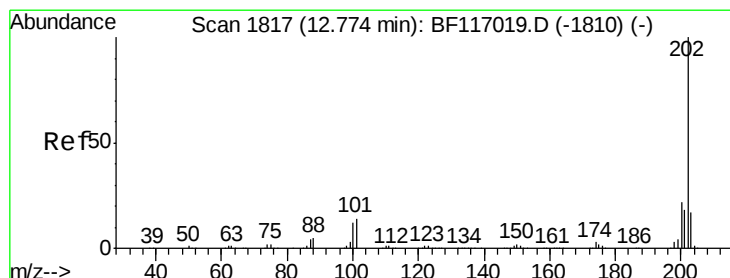
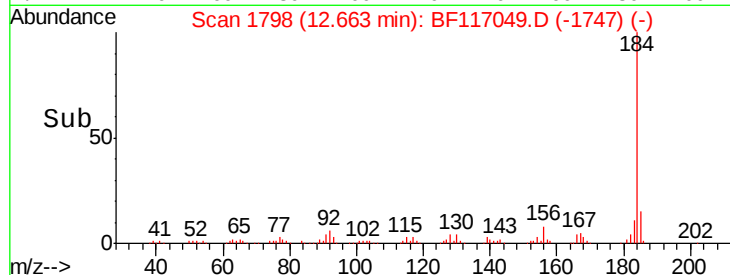
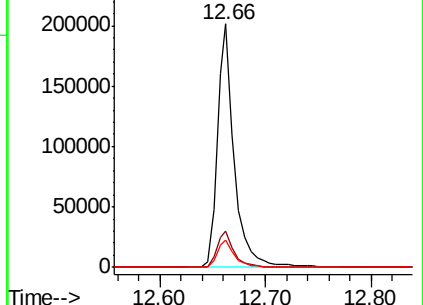
183 11.4 9.0 13.4



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: 38.260 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF117049.D

Acq: 16 Sep 2019 8:31

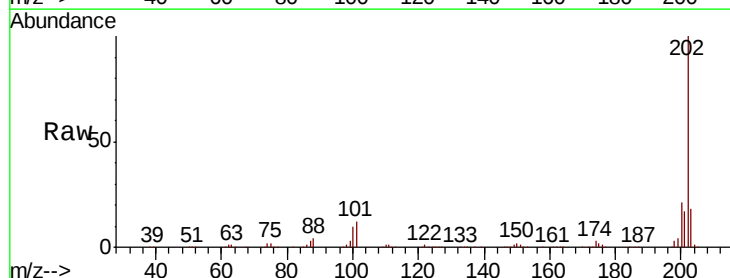
Tgt Ion:202 Resp: 548286

Ion Ratio Lower Upper

202 100

200 21.3 17.2 25.8

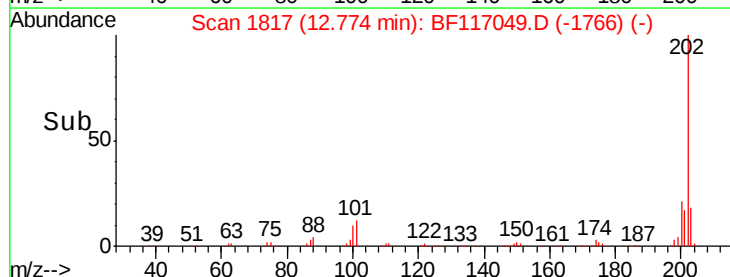
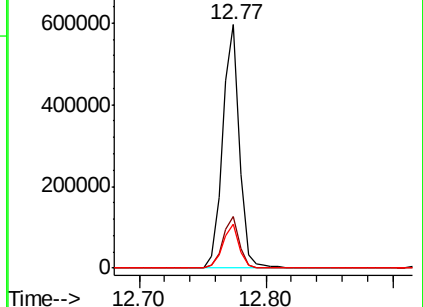
203 17.8 14.0 21.0

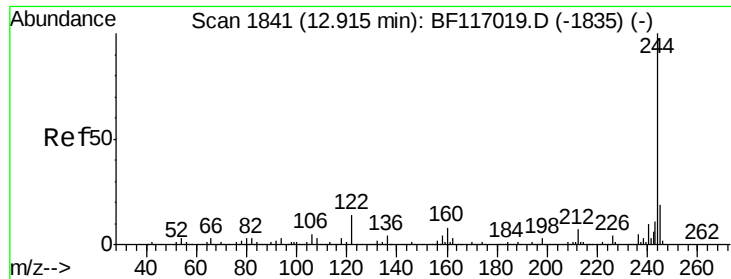


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

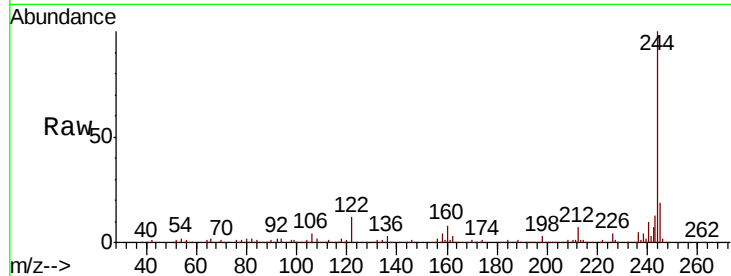




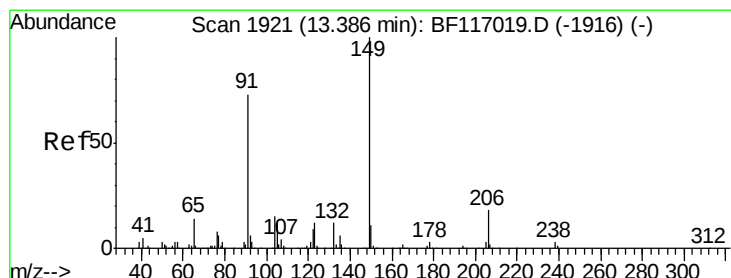
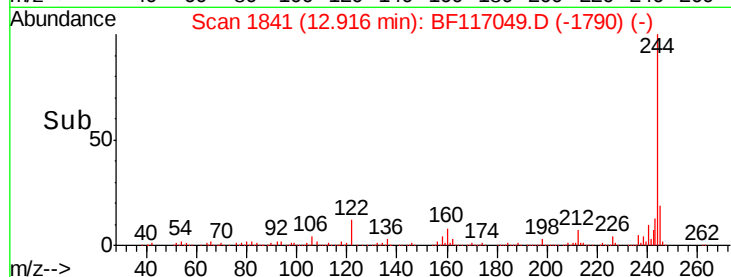
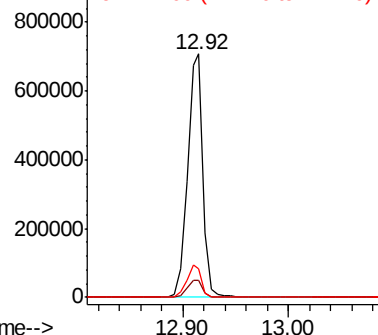
#79
 Terphenyl-d14
 Concen: 79.177 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF117049.D
 Acq: 16 Sep 2019 8:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	11.7	11.3	16.9

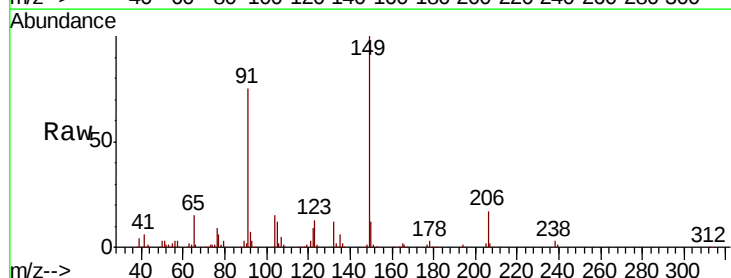


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

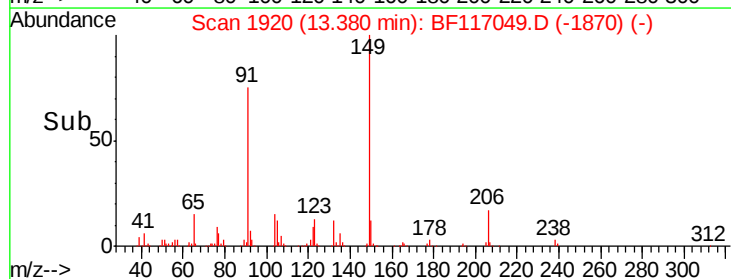
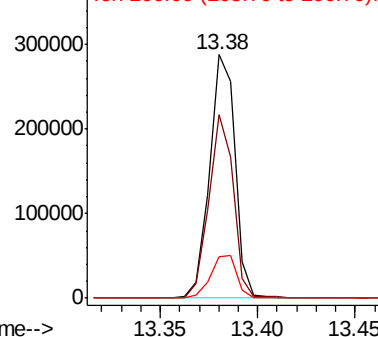


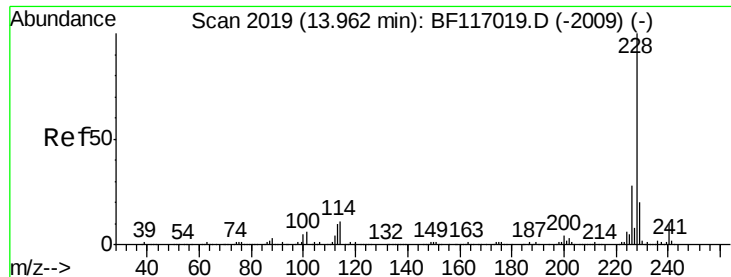
#80
 Butylbenzylphthalate
 Concen: 38.523 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BF117049.D
 Acq: 16 Sep 2019 8:31

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.5	58.8	88.2
206	17.2	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

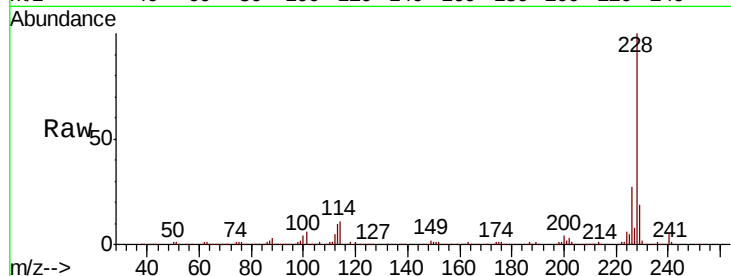




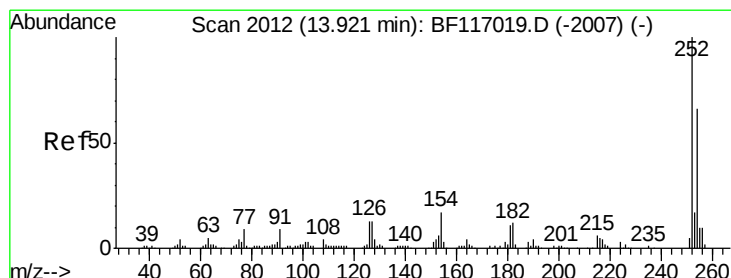
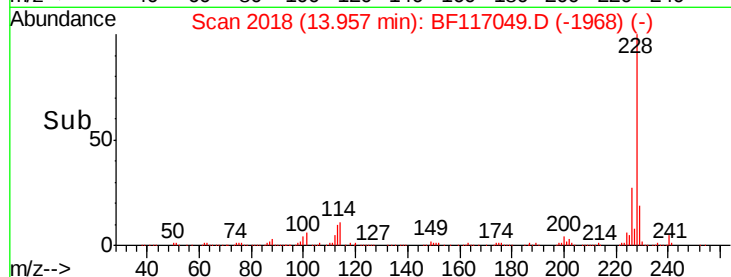
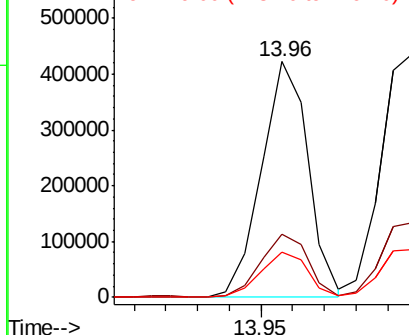
#81
Benzo(a)anthracene
Concen: 37.900 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:228 Resp: 432465
Ion Ratio Lower Upper
228 100
226 26.5 22.3 33.5
229 19.3 15.9 23.9

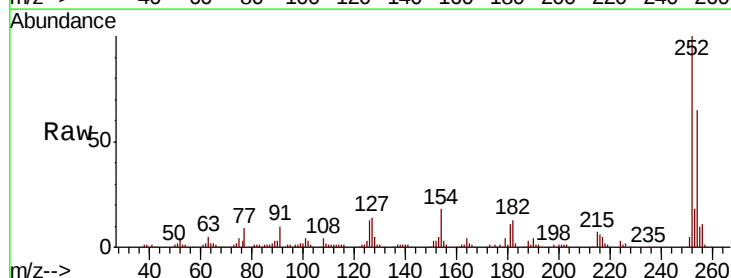


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

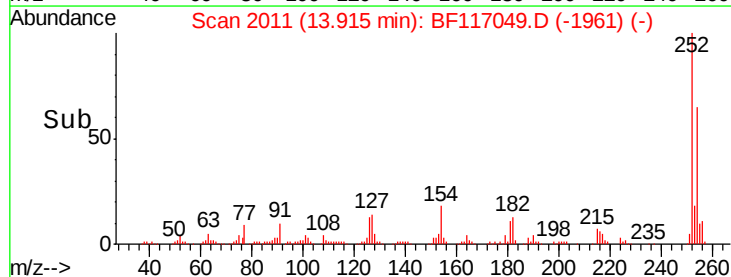
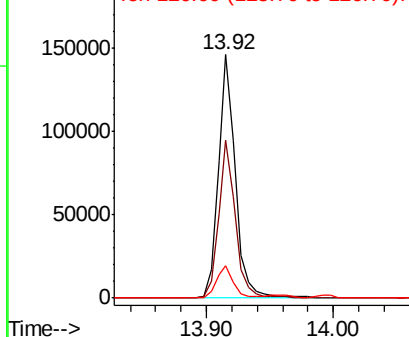


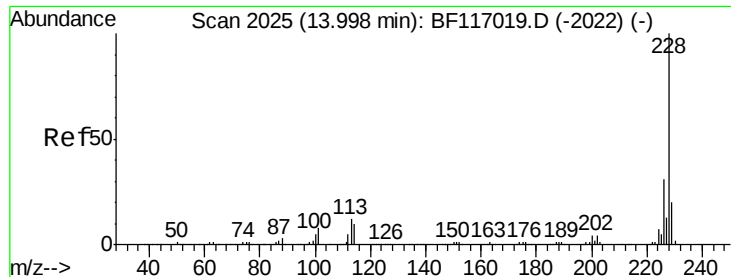
#82
3,3'-Dichlorobenzidine
Concen: 37.352 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

Tgt Ion:252 Resp: 137344
Ion Ratio Lower Upper
252 100
254 64.7 52.6 79.0
126 13.5 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

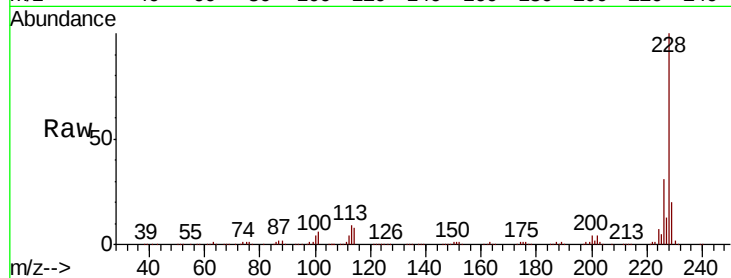




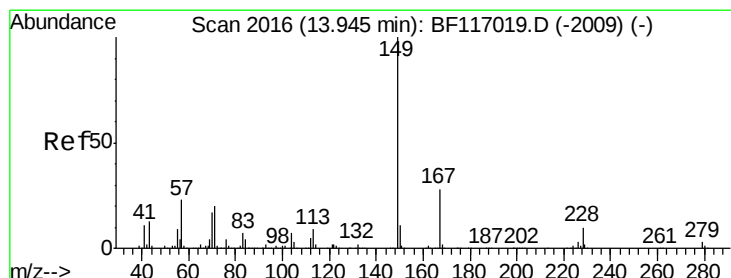
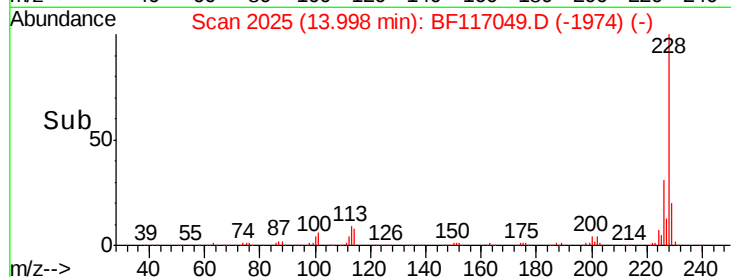
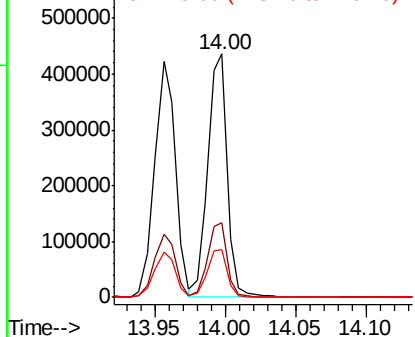
#83
 Chrysene
 Concen: 37.465 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF117049.D
 Acq: 16 Sep 2019 8:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.8	37.2
229	19.6	15.8	23.8

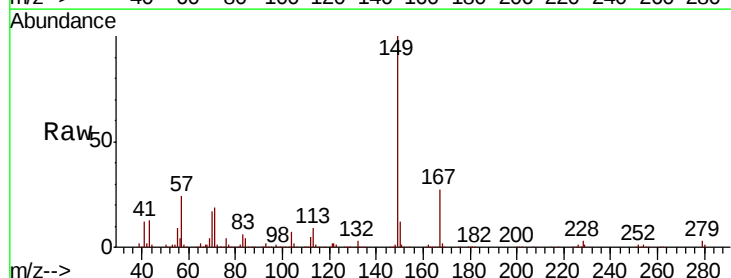


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

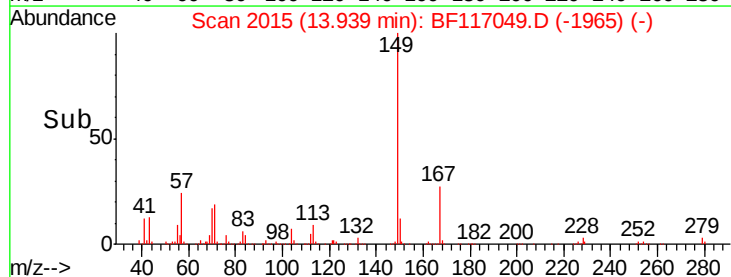
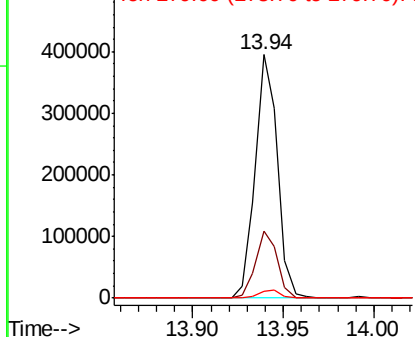


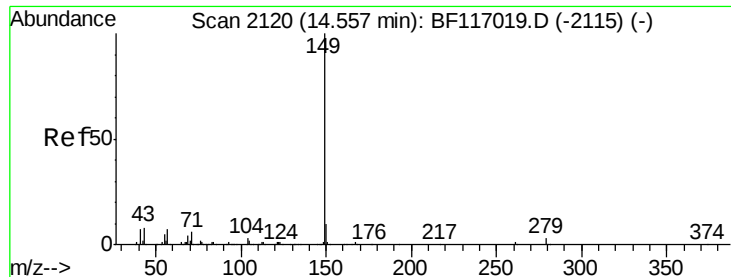
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.515 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF117049.D
 Acq: 16 Sep 2019 8:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.2	33.2
279	2.8	2.8	4.2#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

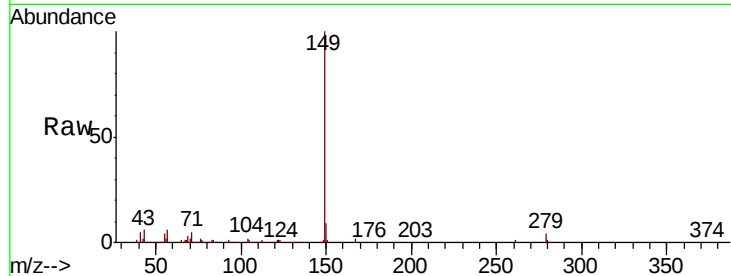




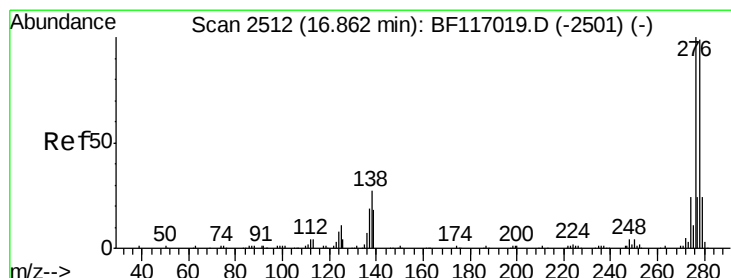
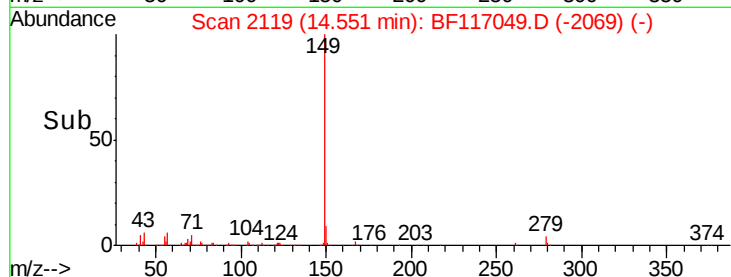
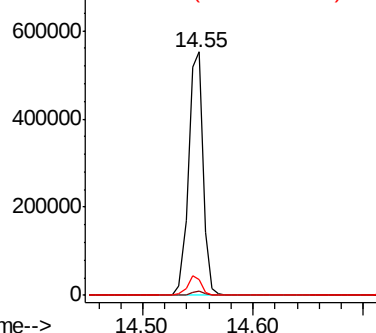
#85
 Di-n-octyl phthalate
 Concen: 36.863 ng
 RT: 14.55 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BF117049.D
 Acq: 16 Sep 2019 8:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.0	6.2	9.4

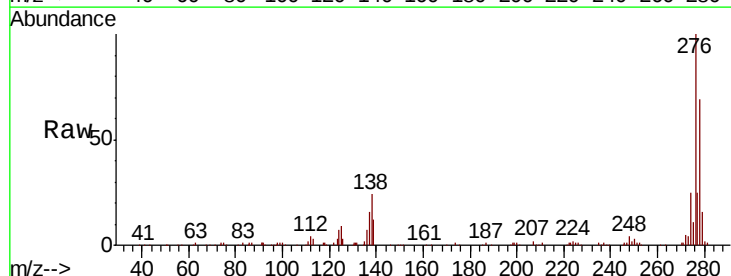


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1

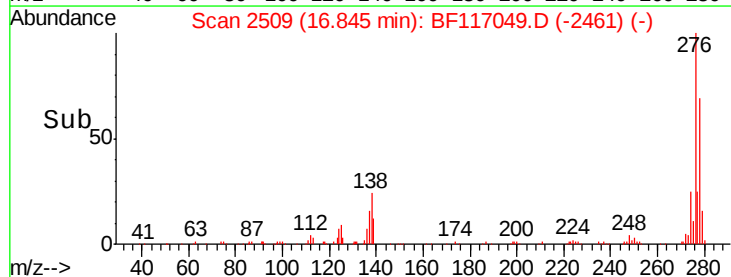
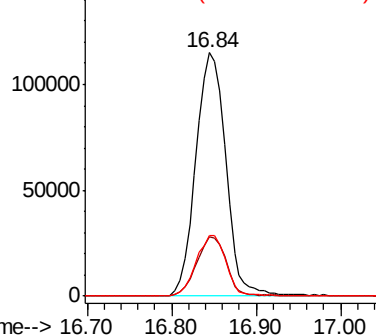


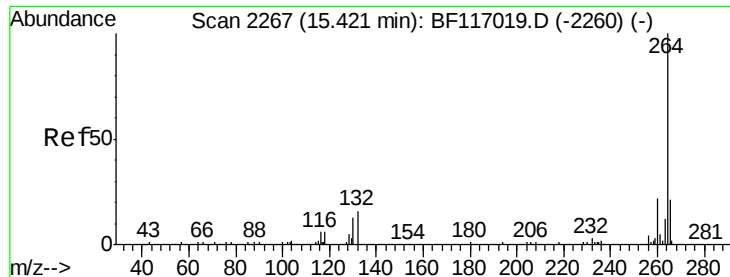
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 34.747 ng
 RT: 16.84 min Scan# 2509
 Delta R.T. -0.02 min
 Lab File: BF117049.D
 Acq: 16 Sep 2019 8:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.9	20.7	31.1
277	24.7	19.8	29.8



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

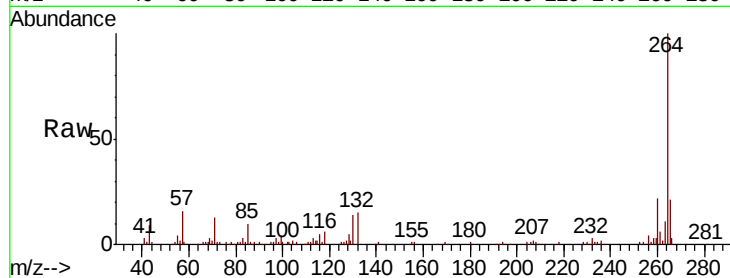




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.6	26.4
265	20.9	16.6	24.8

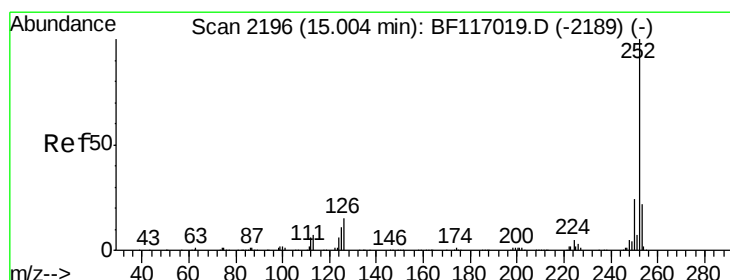
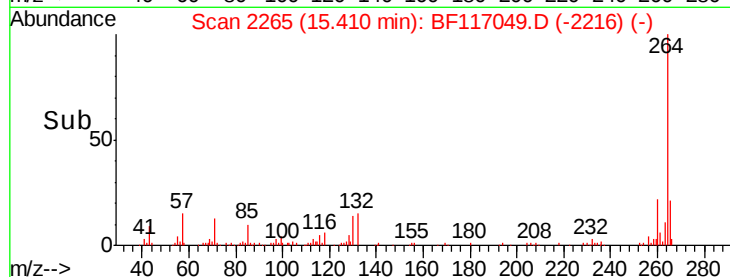
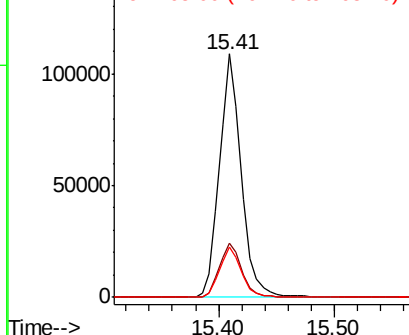


Abundance

Ion 264.00 (263.70 to 264.70): E

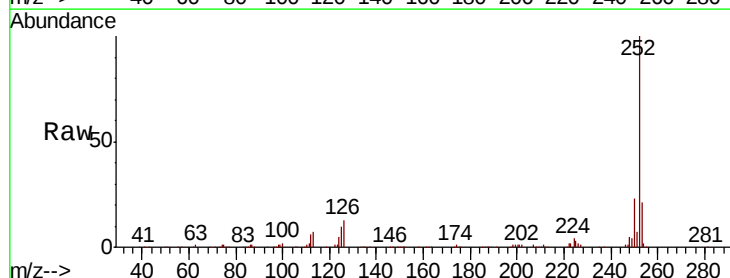
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 39.272 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.6	26.4
125	9.8	8.6	12.8

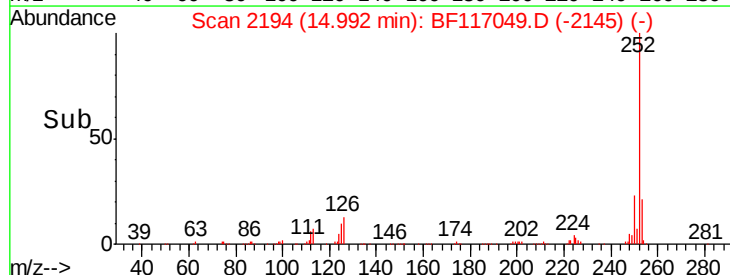
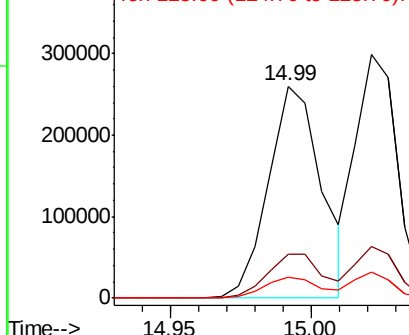


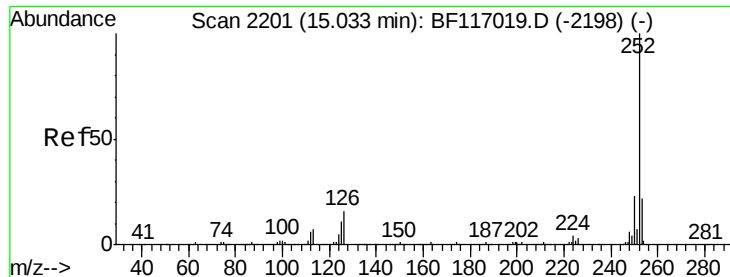
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 38.086 ng

RT: 15.02 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BF117049.D

Acq: 16 Sep 2019 8:31

Instrument :

BNA_F

ClientSampleId :

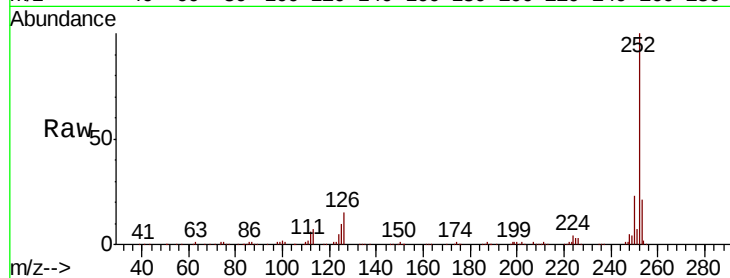
Tot Ion:252 Resp: 311570

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

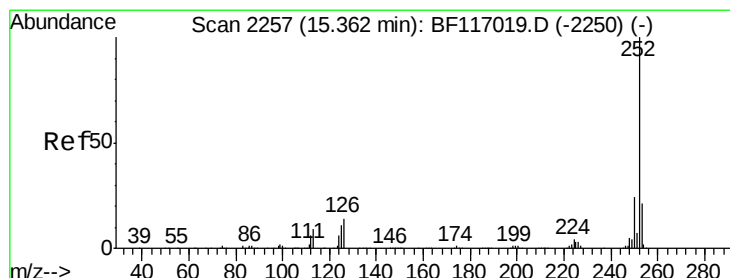
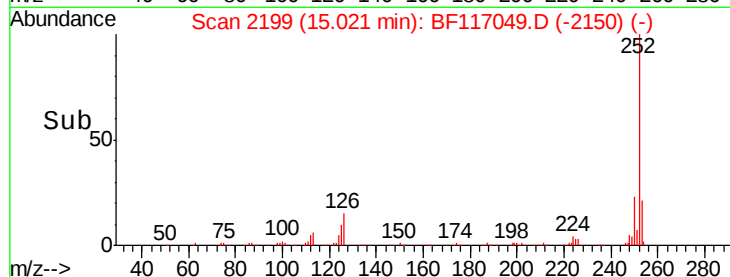
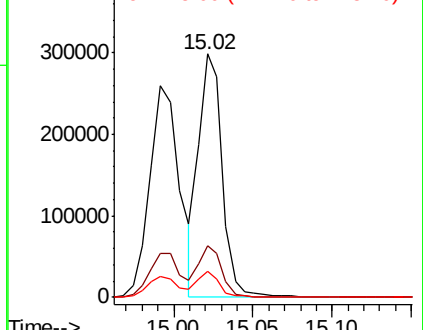
125 10.5 8.8 13.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 38.181 ng

RT: 15.35 min Scan# 2255

Delta R.T. -0.01 min

Lab File: BF117049.D

Acq: 16 Sep 2019 8:31

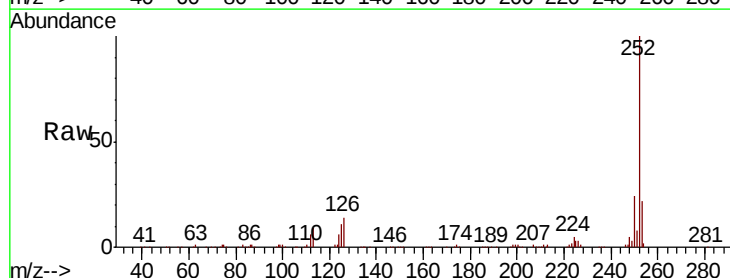
Tgt Ion:252 Resp: 289345

Ion Ratio Lower Upper

252 100

253 21.6 16.6 25.0

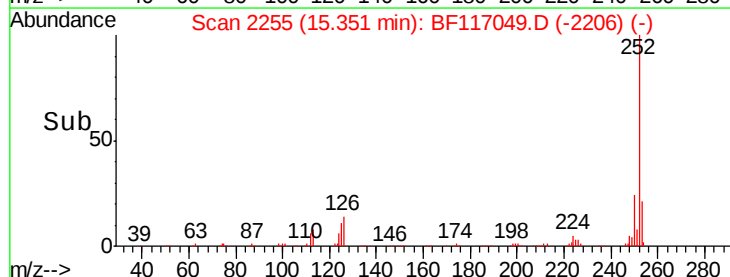
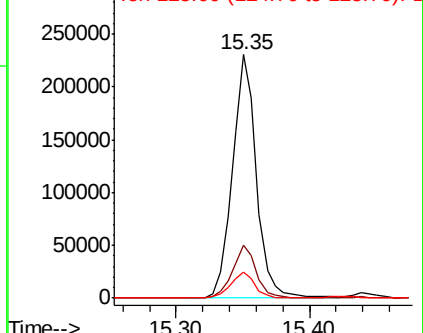
125 10.7 8.9 13.3

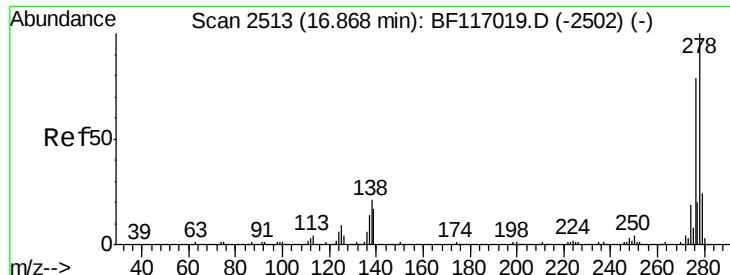


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

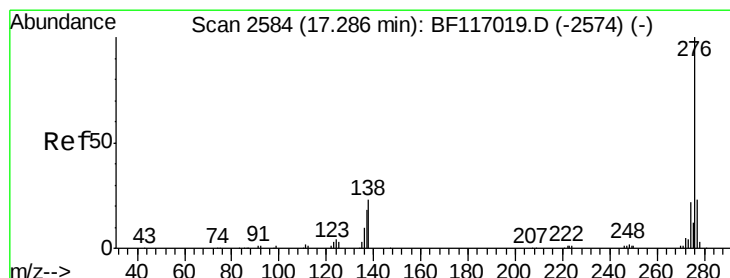
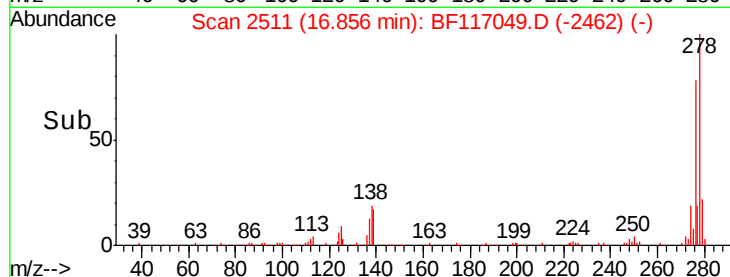
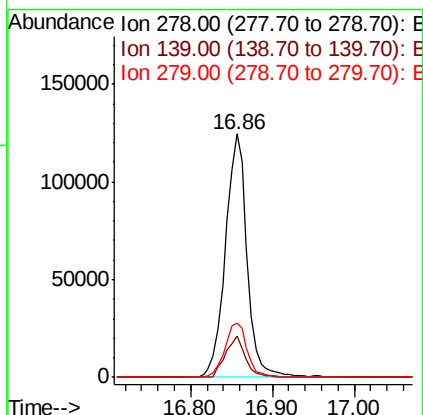
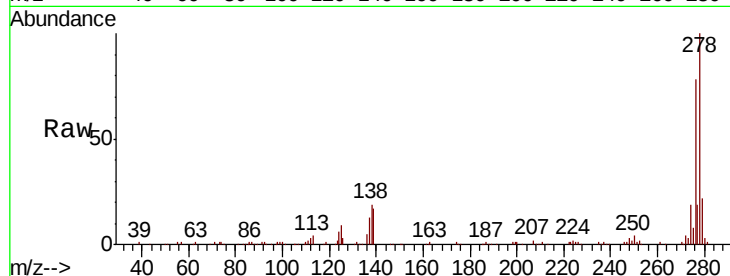




#91
Dibenzo(a,h)anthracene
Concen: 37.978 ng
RT: 16.86 min Scan# 2511
Delta R.T. -0.01 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.0	13.5	20.3
279	22.2	18.8	28.2



#92
Benzo(g,h,i)perylene
Concen: 37.644 ng
RT: 17.28 min Scan# 2583
Delta R.T. -0.01 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.6	27.8
138	22.5	18.0	27.0

