

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 :
 SSTDCCC040

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

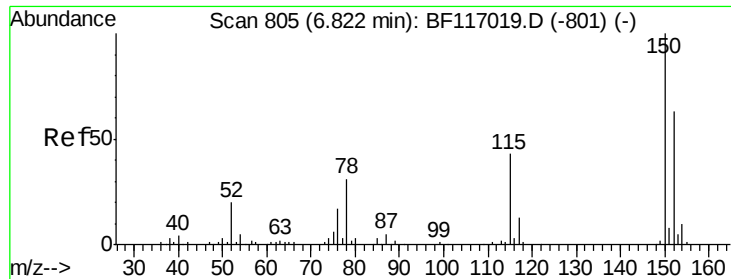
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
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 Response via : Initial Calibration

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

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

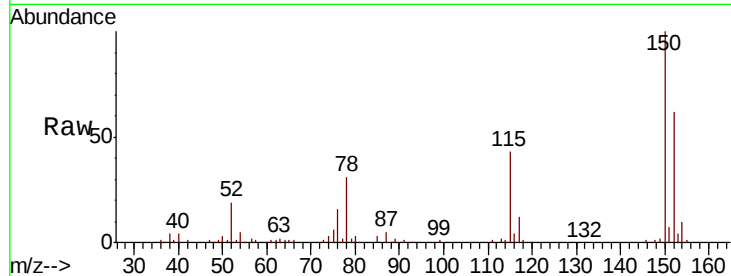


#1

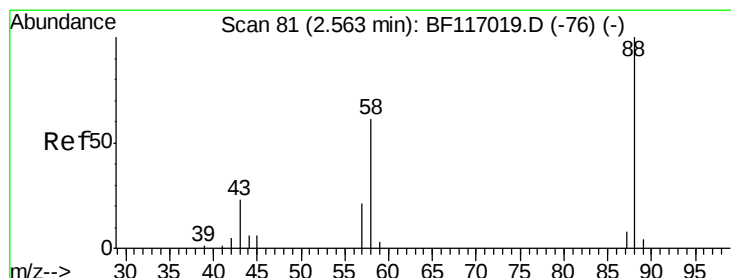
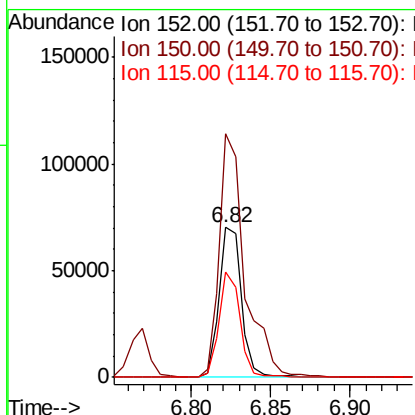
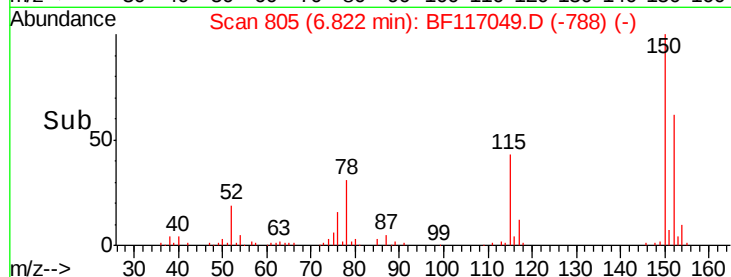
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF117049.D
 Acq: 16 Sep 2019 8:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

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



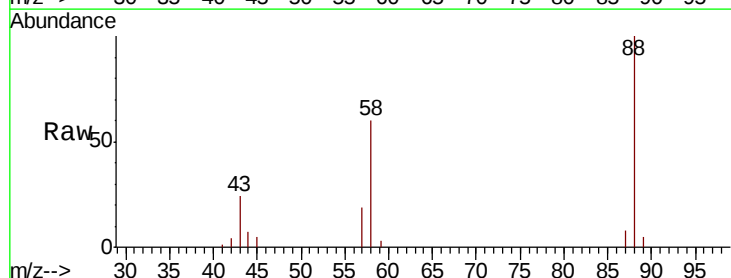
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



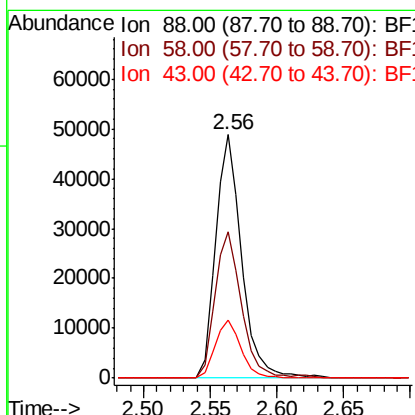
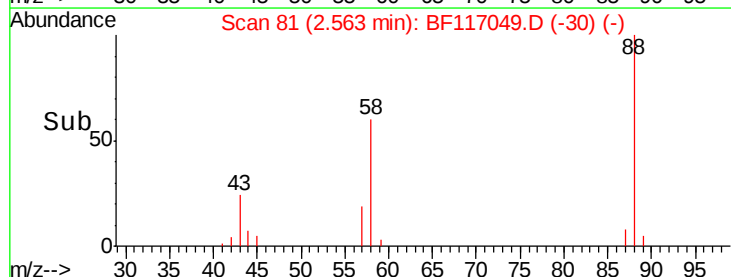
#2

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 :

SSTDCCC040

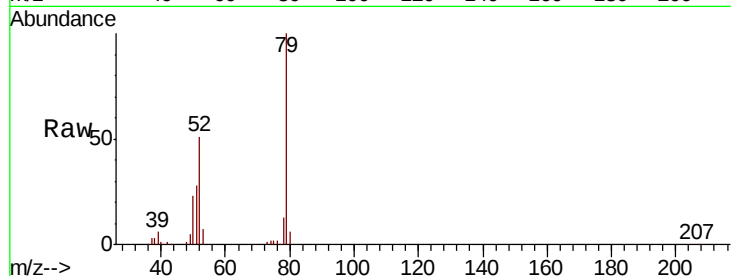
Tot Ion: 79 Resp: 185188

Ion Ratio Lower Upper

79 100

52 50.9 43.5 65.3

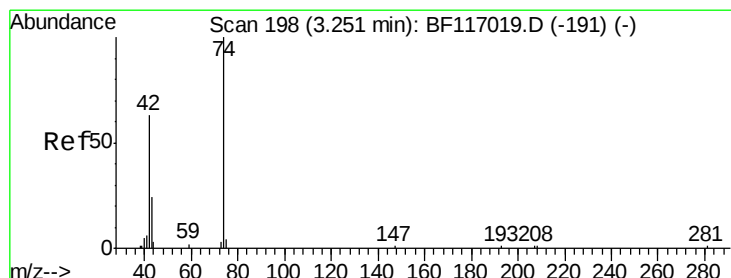
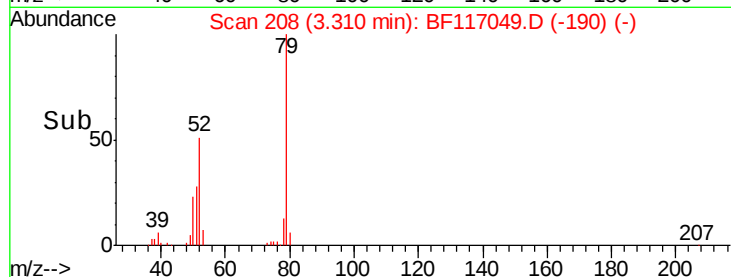
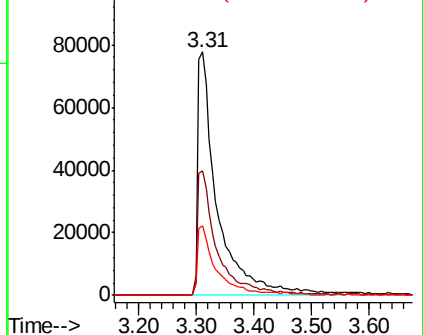
51 28.3 21.8 32.6



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

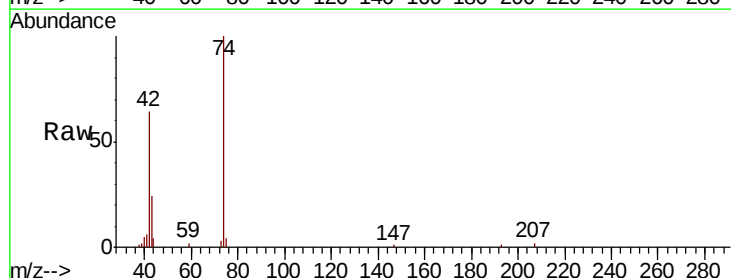
Tgt Ion: 42 Resp: 60448

Ion Ratio Lower Upper

42 100

74 156.1 127.1 190.7

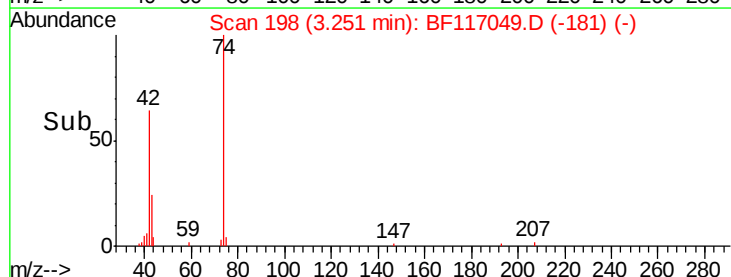
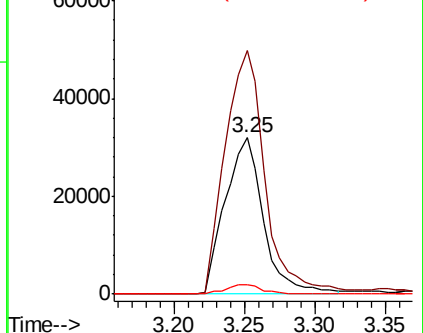
44 5.8 4.3 6.5

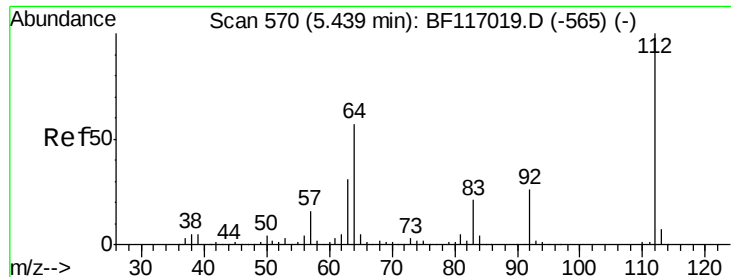


Abundance Ion 42.00 (41.70 to 42.70): BF1

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

ClientSampleId :

SSTDCCC040

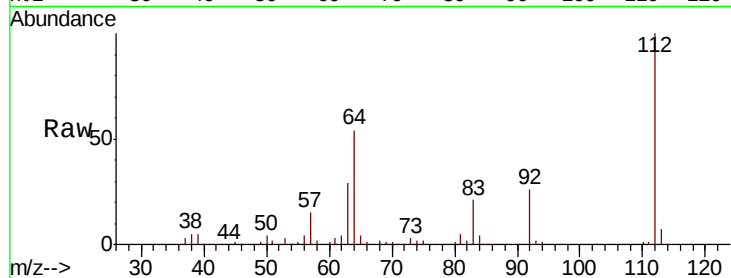
Tot Ion: 112 Resp: 330241

Ion Ratio Lower Upper

112 100

64 53.7 45.7 68.5

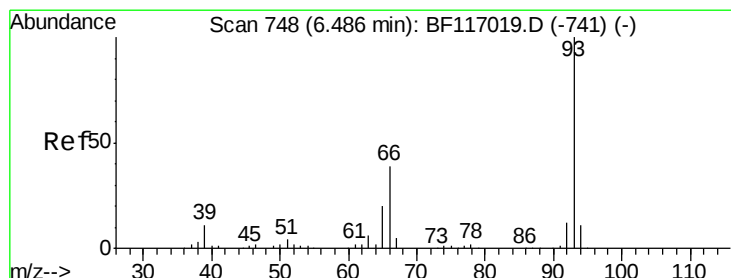
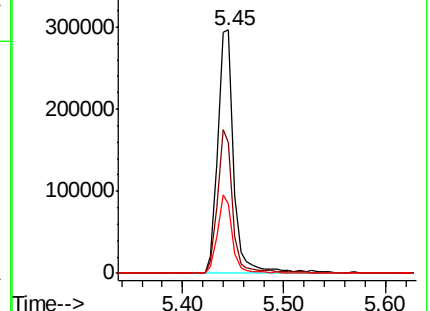
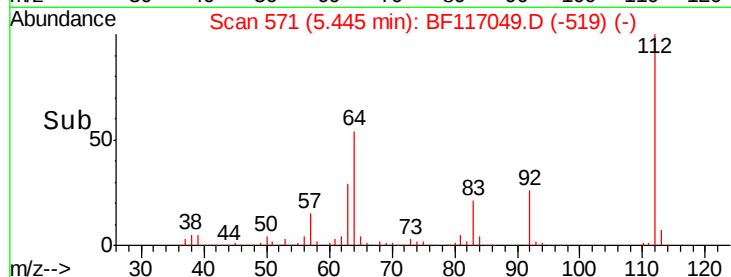
63 28.7 24.9 37.3



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

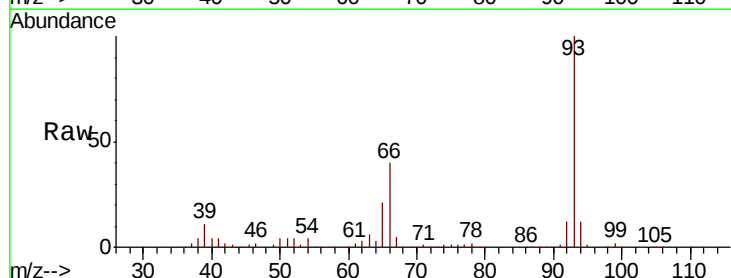
Tgt Ion: 93 Resp: 280713

Ion Ratio Lower Upper

93 100

66 40.1 32.6 49.0

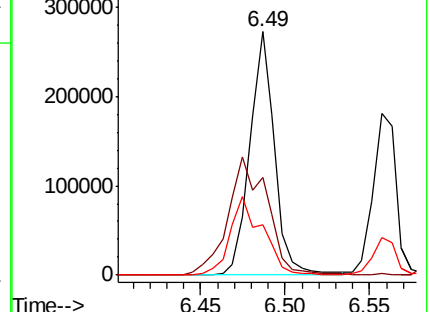
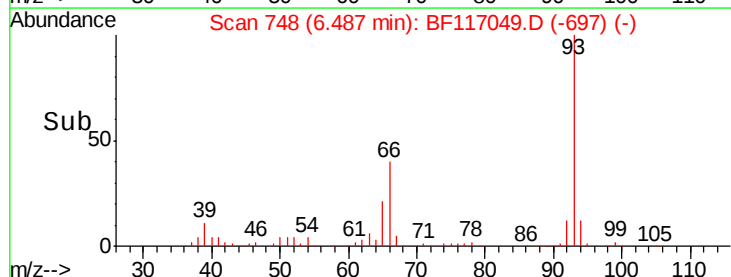
65 20.9 16.7 25.1

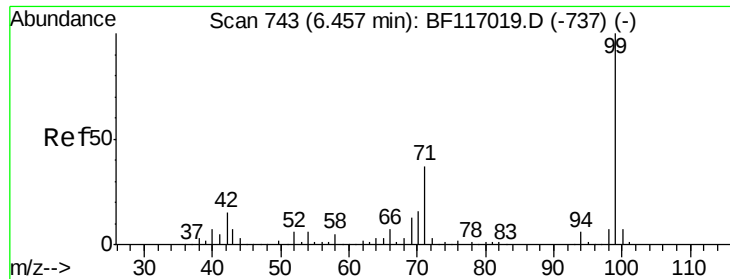


Abundance Ion 93.00 (92.70 to 93.70): BF1

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

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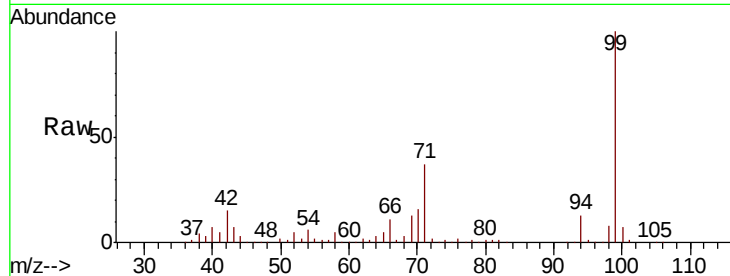
Tot Ion: 99 Resp: 432108

Ion Ratio Lower Upper

99 100

42 15.0 12.2 18.2

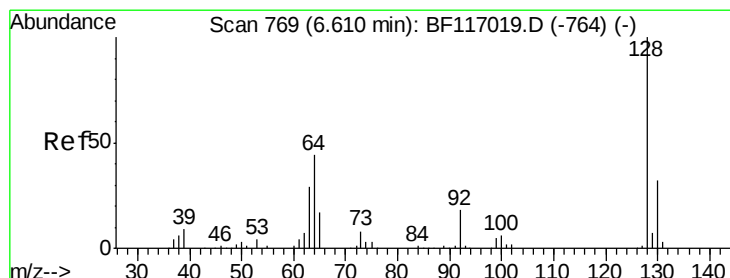
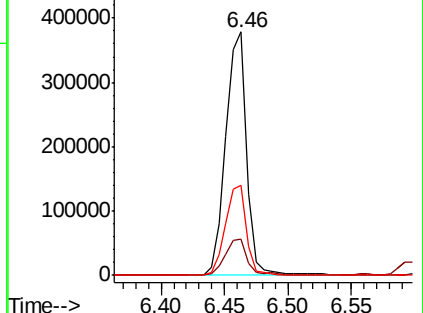
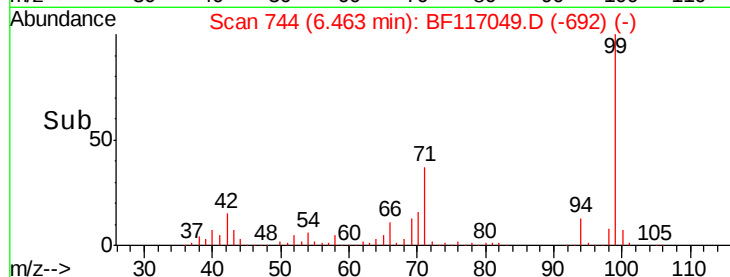
71 36.9 29.8 44.8



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

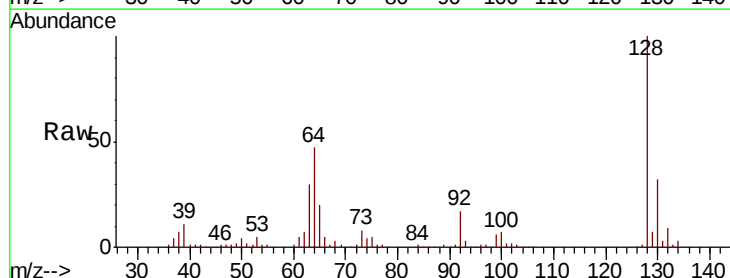
Tgt Ion: 128 Resp: 178817

Ion Ratio Lower Upper

128 100

130 31.7 11.8 51.8

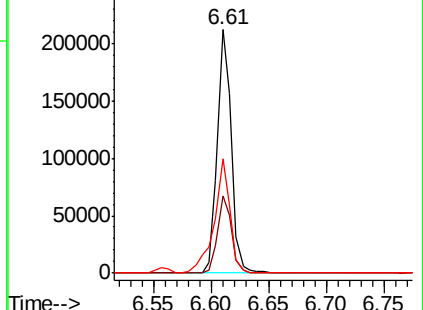
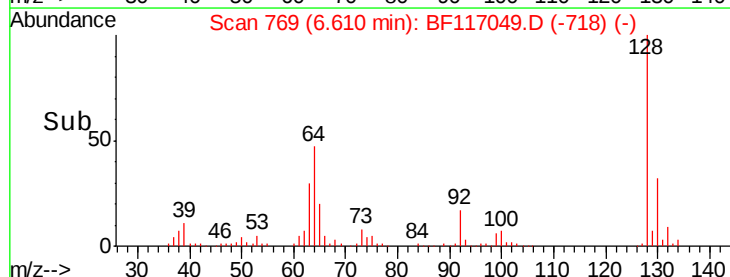
64 47.2 25.0 65.0



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 :

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SSTDCCC040

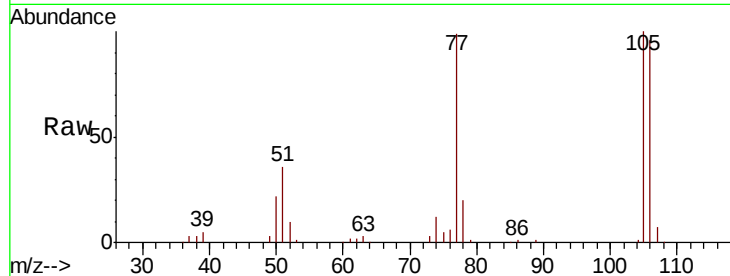
Tot Ion: 77 Resp: 118559

Ion Ratio Lower Upper

77 100

105 100.8 81.8 121.8

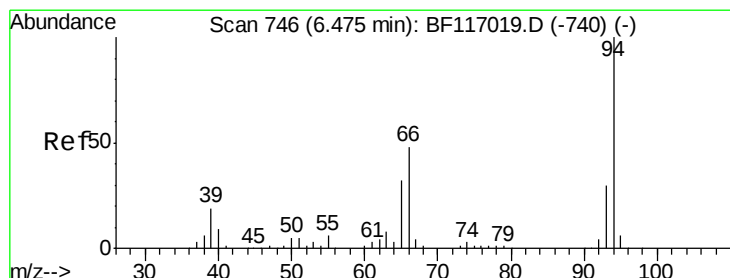
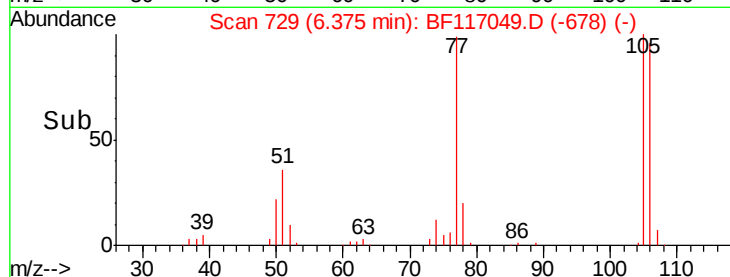
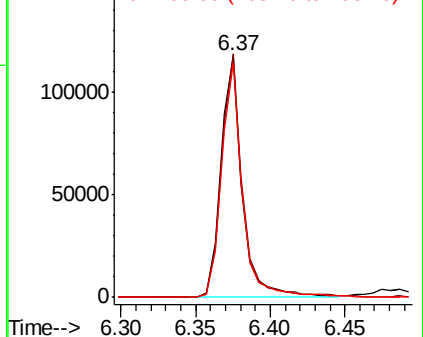
106 97.0 77.3 117.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 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

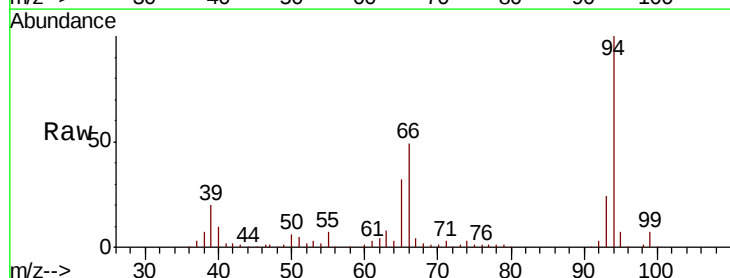
Tgt Ion: 94 Resp: 238841

Ion Ratio Lower Upper

94 100

65 32.1 12.5 52.5

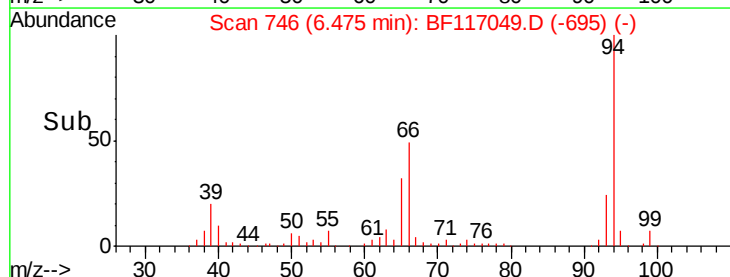
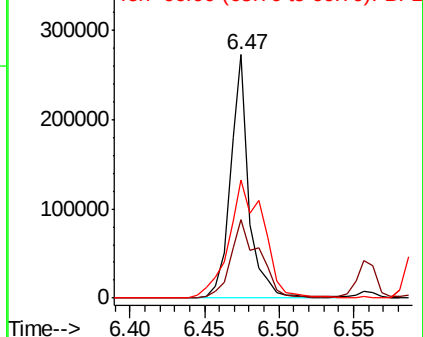
66 48.6 28.9 68.9



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

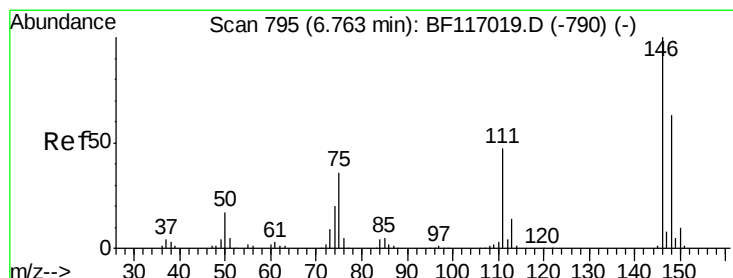
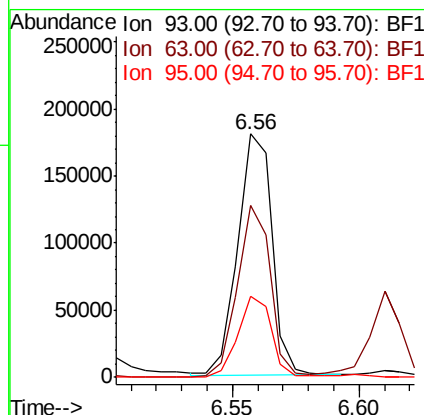
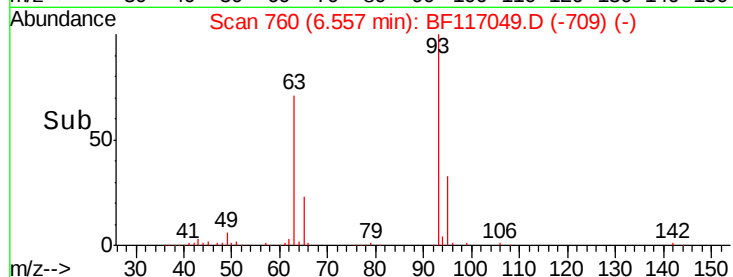
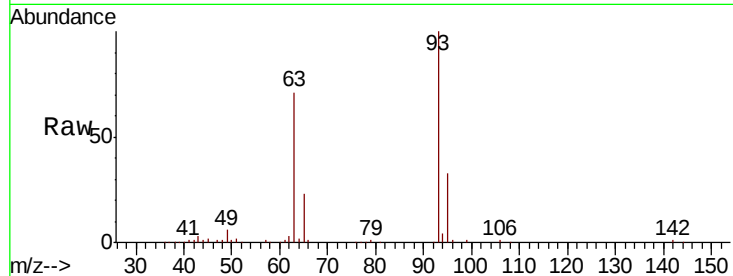




#11
 bis(2-Chloroethyl)ether
 Concen: 36.205 ng
 RT: 6.56 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: BF117049.D
 Acq: 16 Sep 2019 8:31

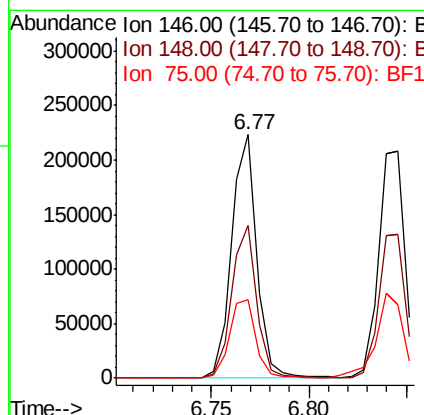
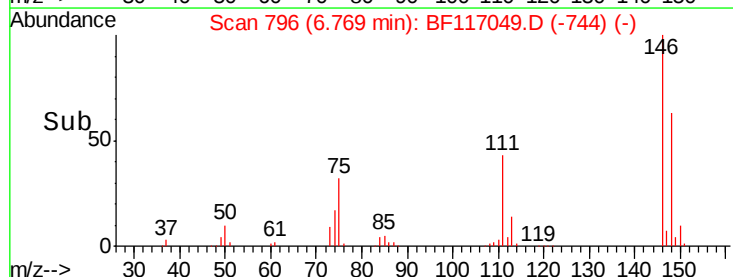
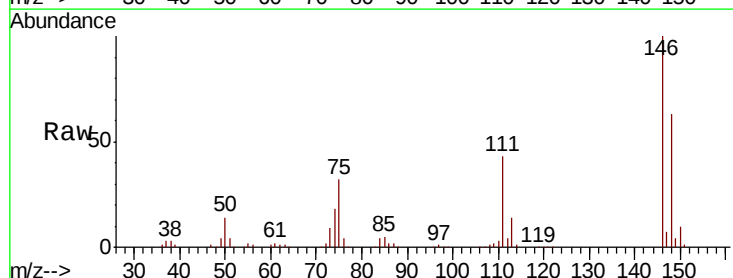
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

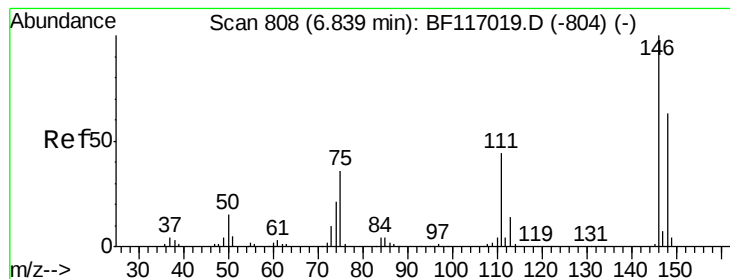
Tot Ion	Ratio	Lower	Upper
93	100		
63	70.6	49.3	89.3
95	33.3	11.5	51.5



#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

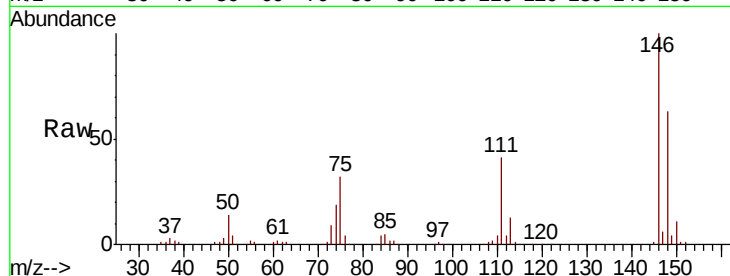




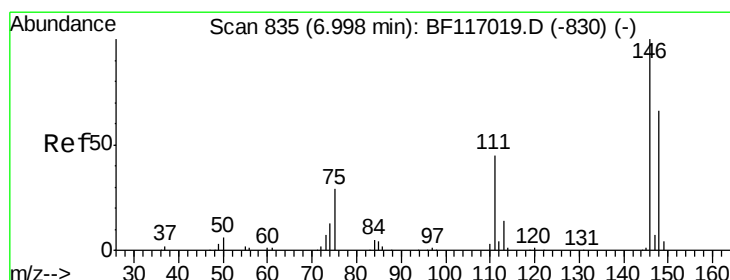
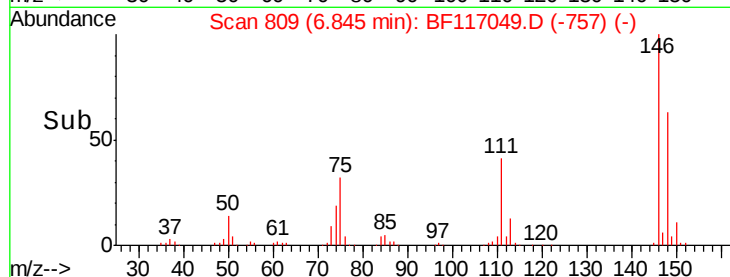
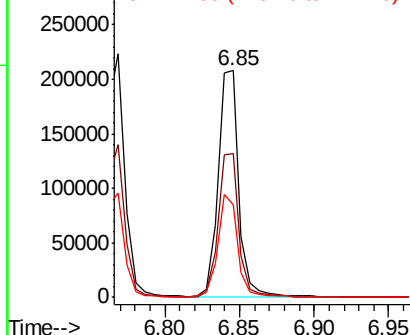
#13
 1,4-Dichlorobenzene
 Concen: 37.024 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: BF117049.D
 Acq: 16 Sep 2019 8:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

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

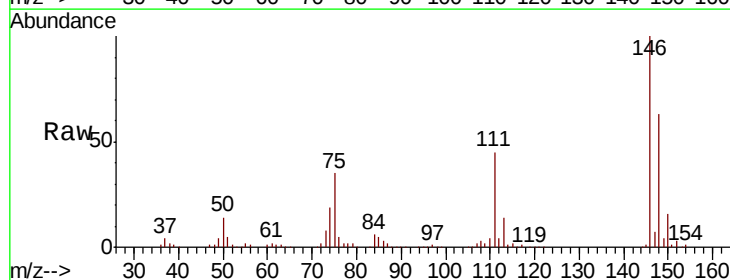


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

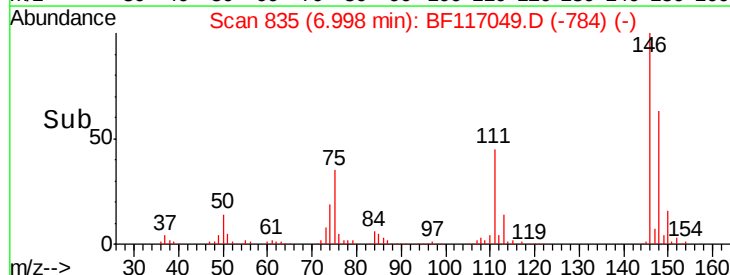
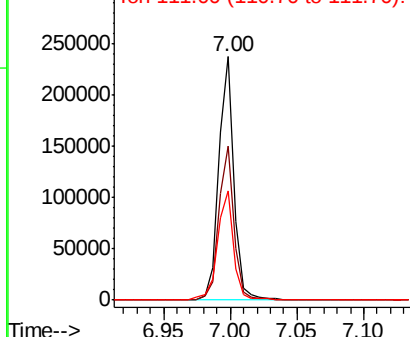


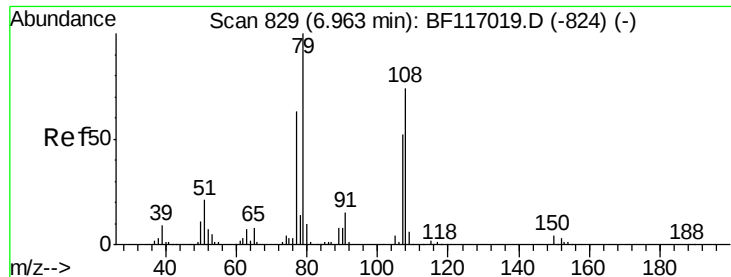
#14
 1,2-Dichlorobenzene
 Concen: 37.300 ng
 RT: 7.00 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF117049.D
 Acq: 16 Sep 2019 8:31

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 :

SSTDCCC040

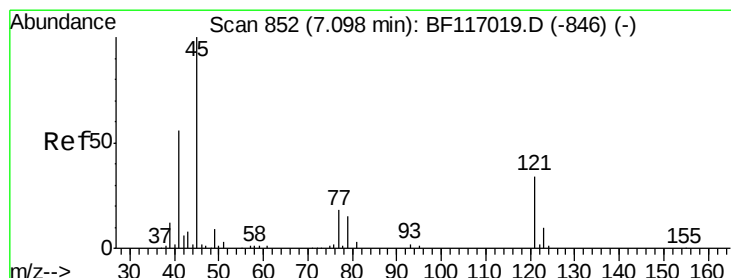
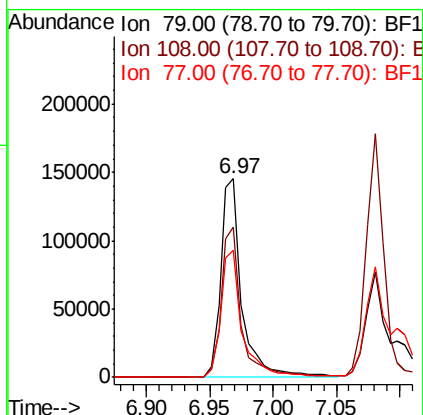
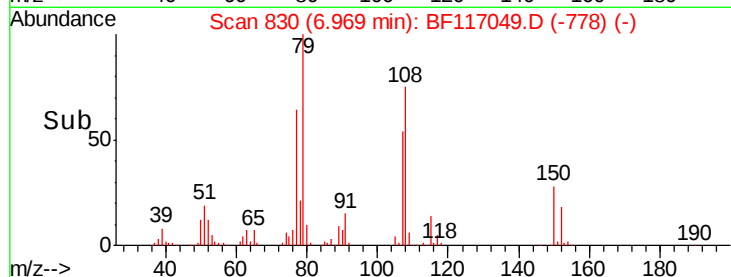
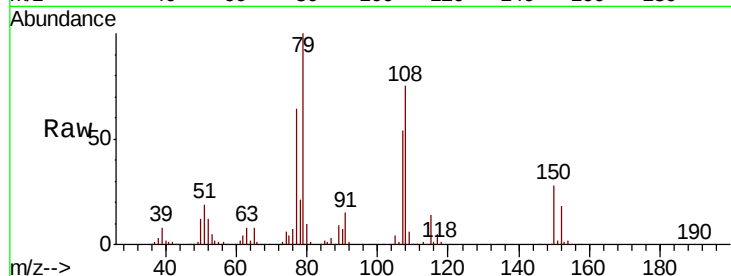
Tot Ion: 79 Resp: 169650

Ion Ratio Lower Upper

79 100

108 75.5 59.4 89.0

77 64.1 50.2 75.2



#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

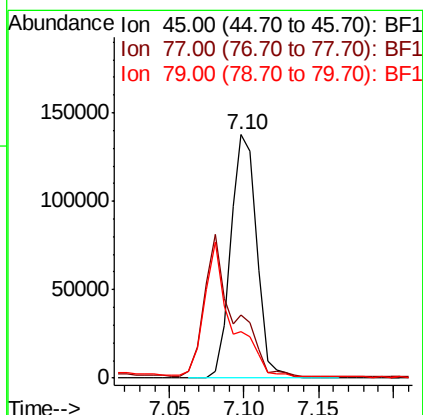
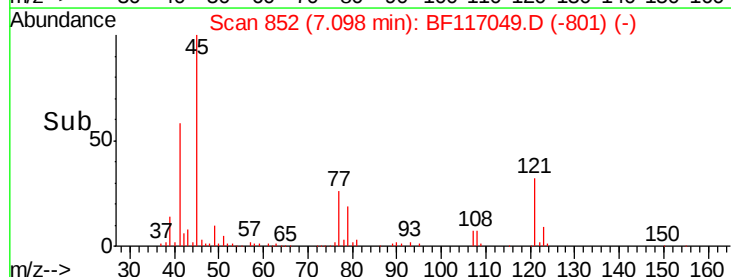
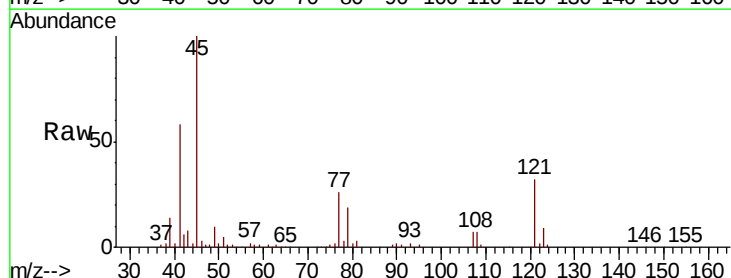
Tgt Ion: 45 Resp: 168675

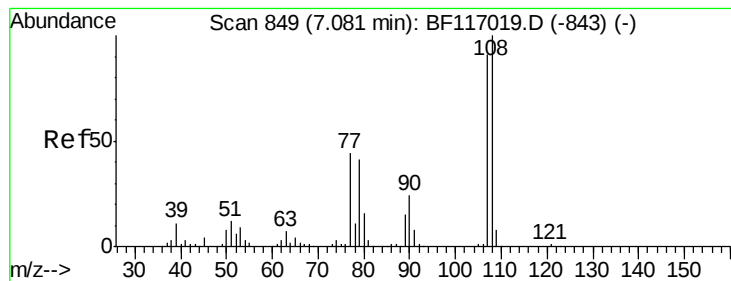
Ion Ratio Lower Upper

45 100

77 25.8 2.7 42.7

79 19.3 0.0 38.9





#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

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 151361

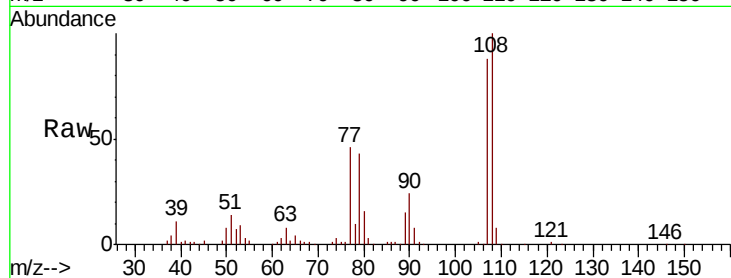
Ion Ratio Lower Upper

107 100

108 113.7 87.7 131.5

77 51.9 38.6 58.0

79 49.2 36.8 55.2

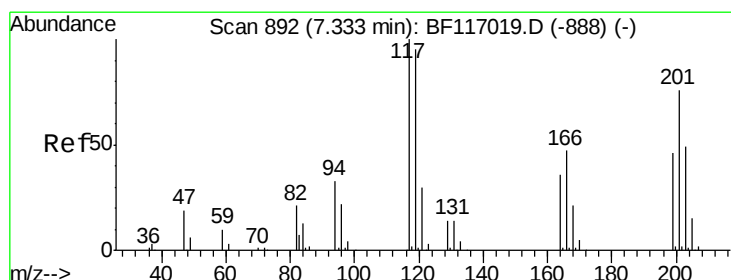
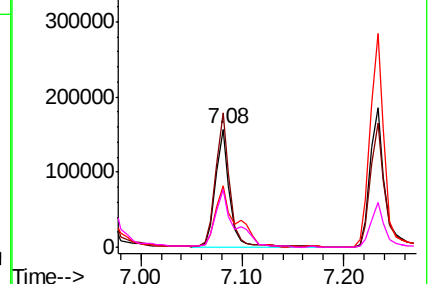
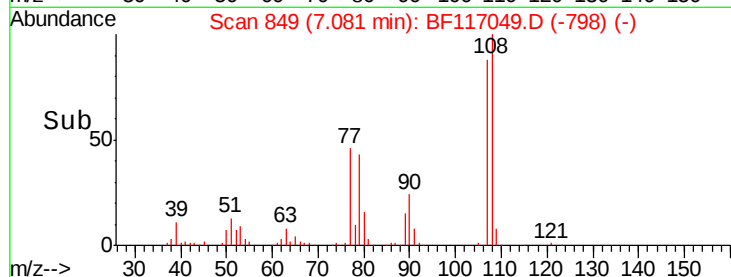


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 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

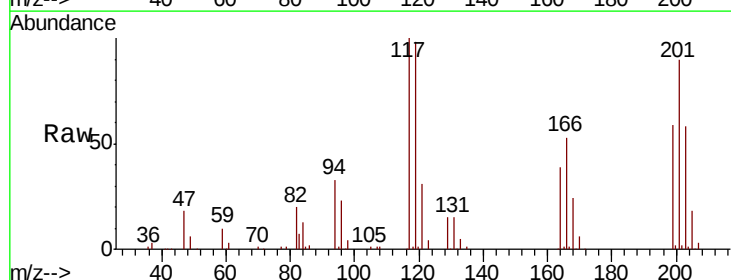
Tgt Ion:117 Resp: 78211

Ion Ratio Lower Upper

117 100

119 98.1 75.8 113.8

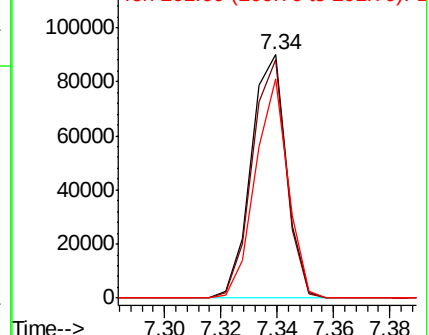
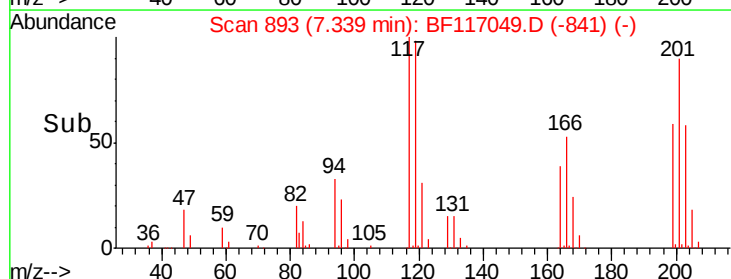
201 90.2 60.9 91.3

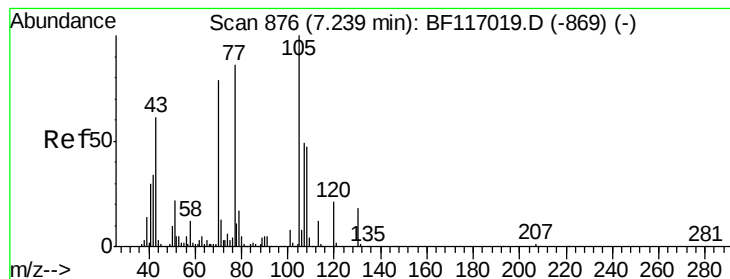


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 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 :

SSTDCCC040

Tot Ion: 70 Resp: 132920

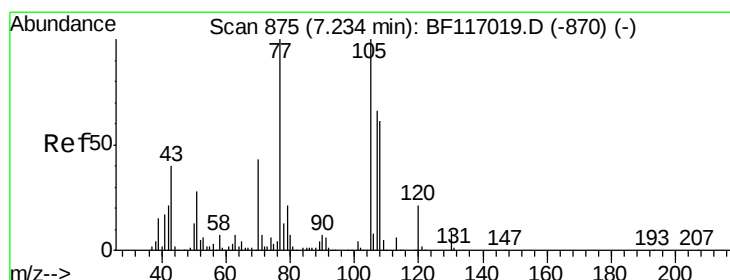
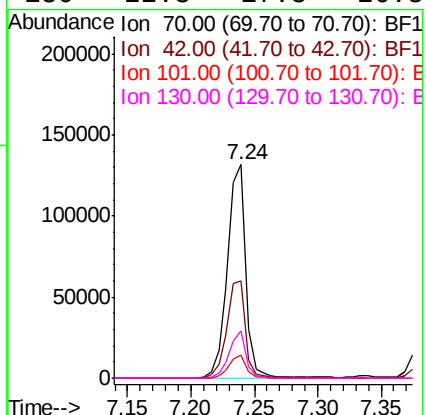
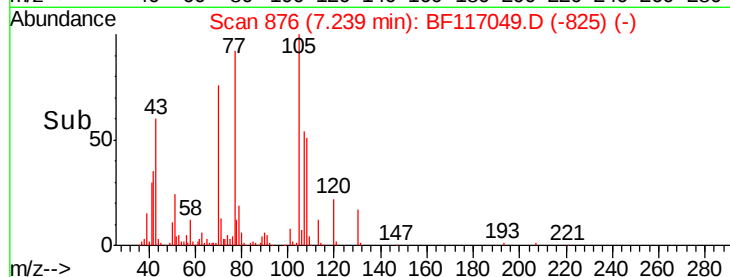
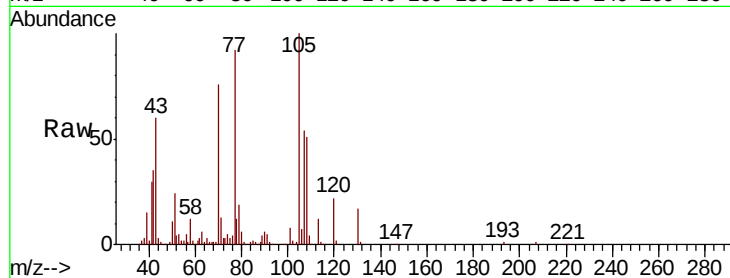
Ion Ratio Lower Upper

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

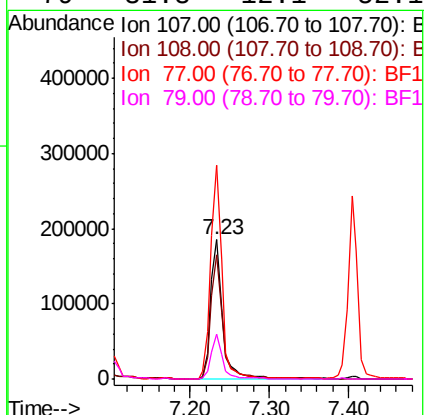
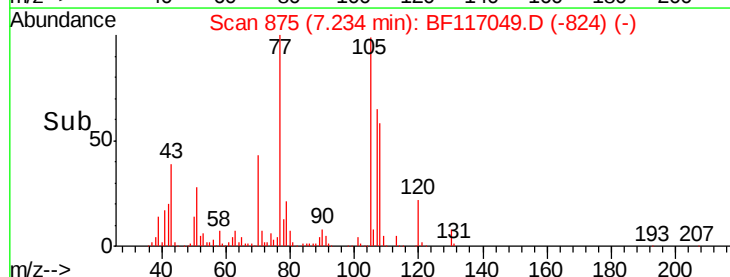
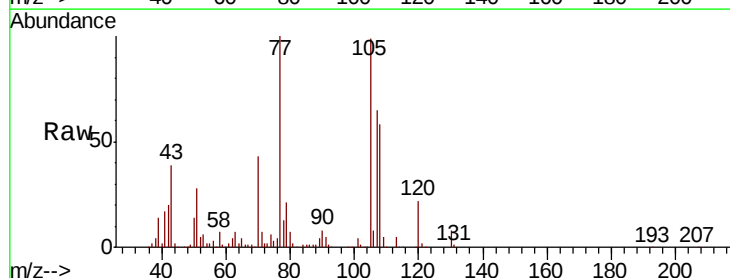
Ion Ratio Lower Upper

107 100

108 89.0 72.6 112.6

77 153.5 132.1 172.1

79 31.8 12.1 52.1

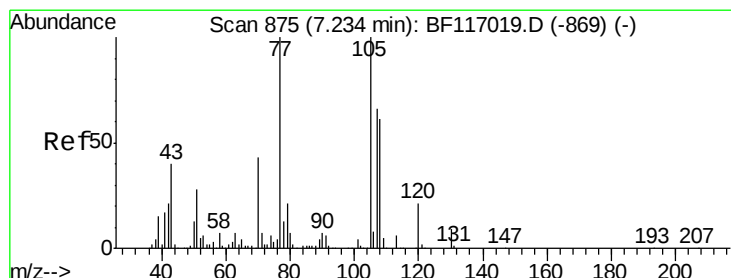
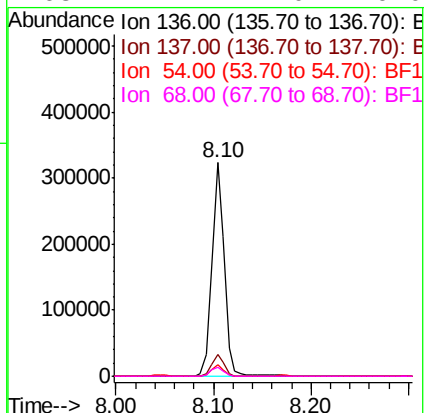
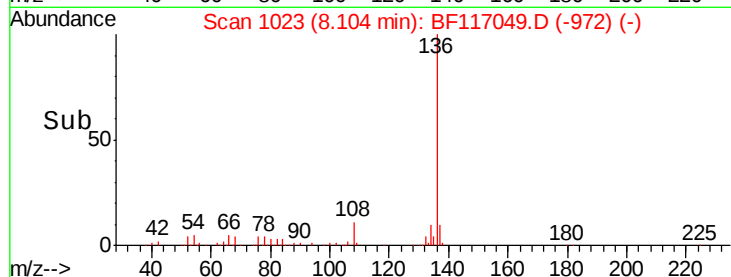
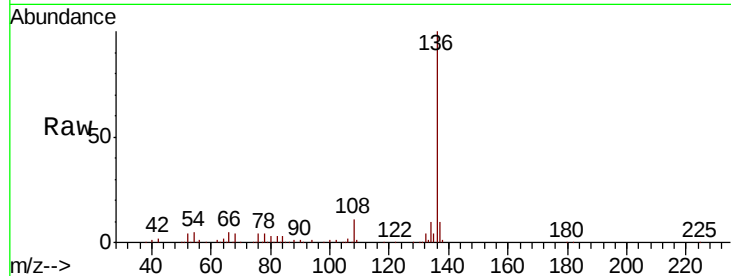




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

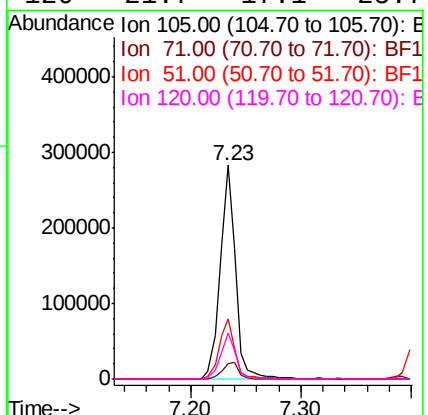
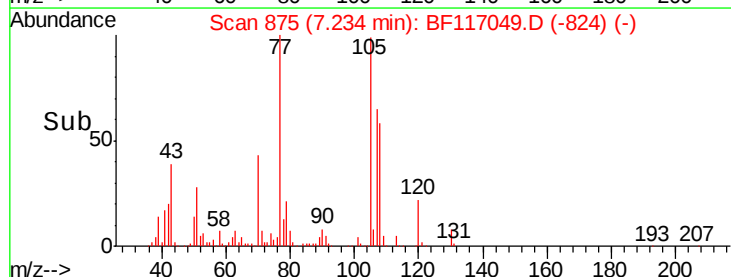
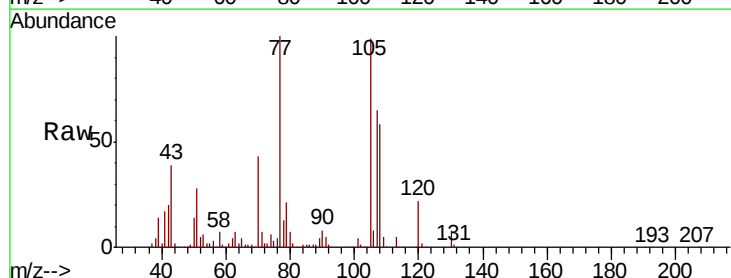
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

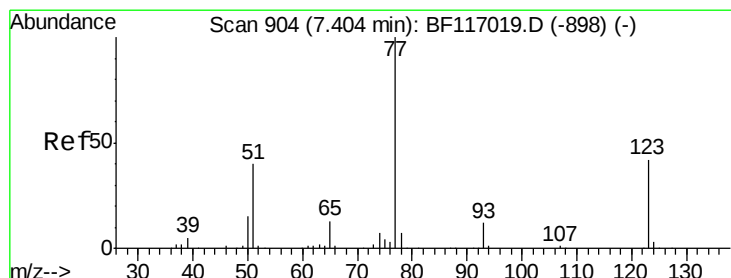
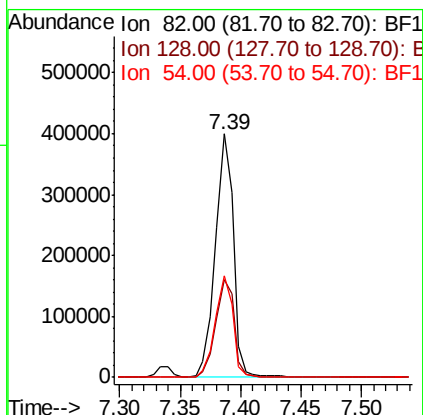
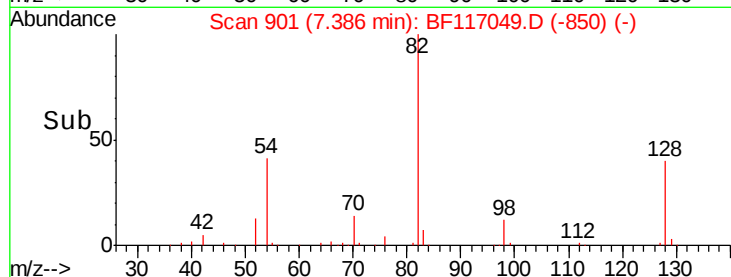
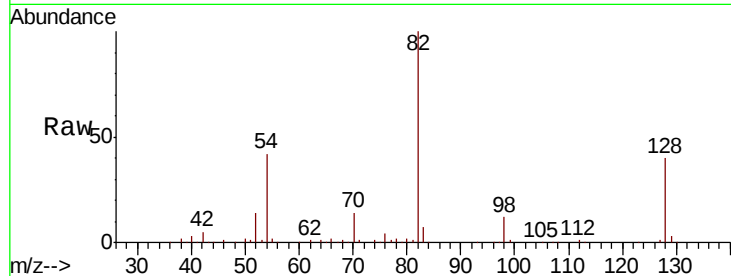




#23
Nitrobenzene-d5
Concen: 76.246 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

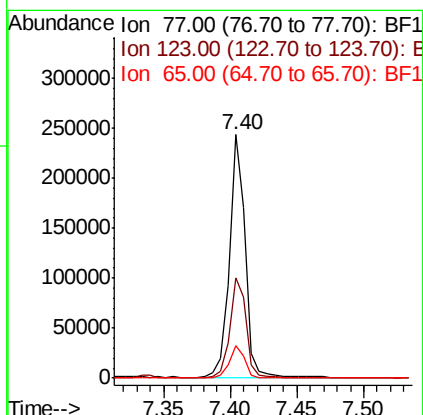
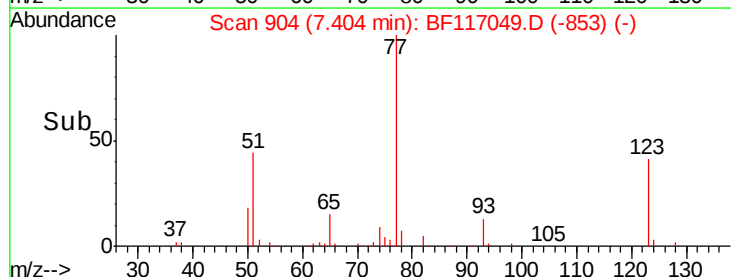
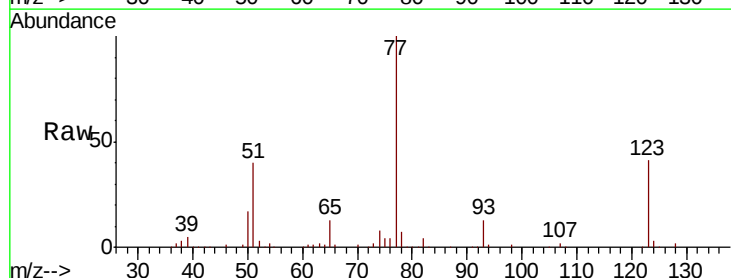
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

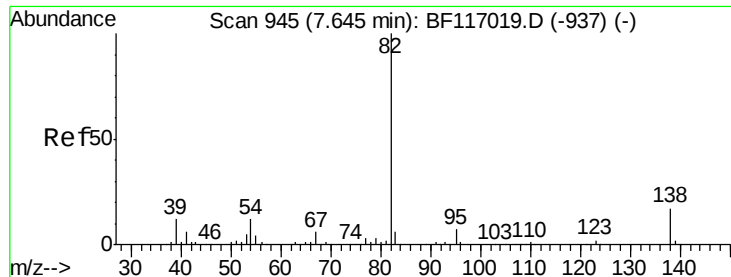
Tot Ion: 82 Resp: 411345
Ion Ratio Lower Upper
82 100
128 40.4 32.3 48.5
54 41.9 33.3 49.9



#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





#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 :

SSTDCCC040

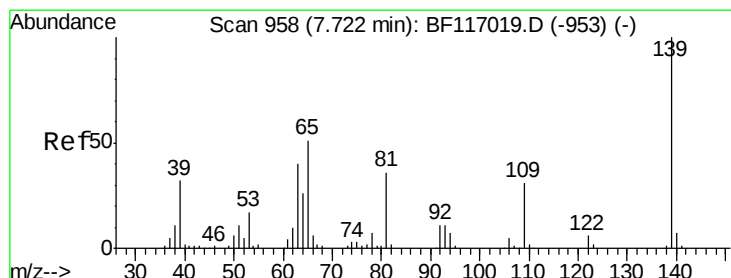
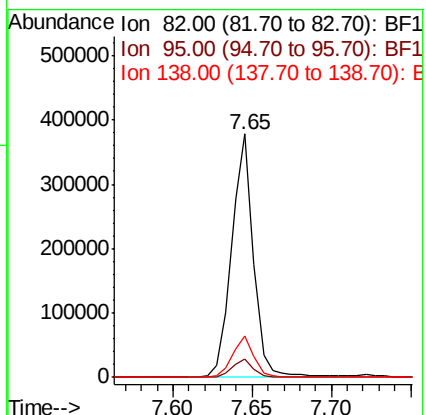
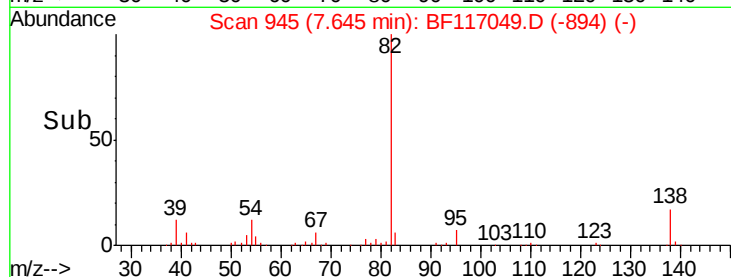
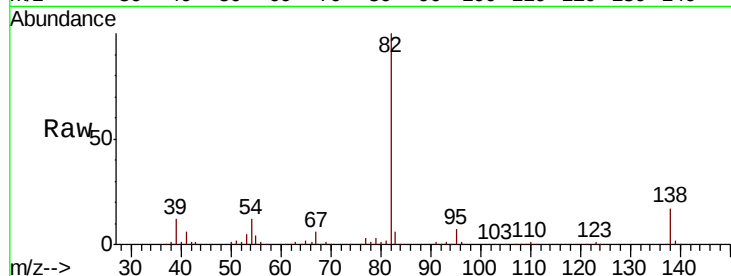
Tot Ion: 82 Resp: 362710

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

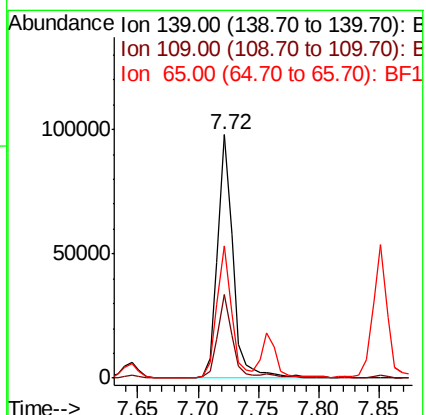
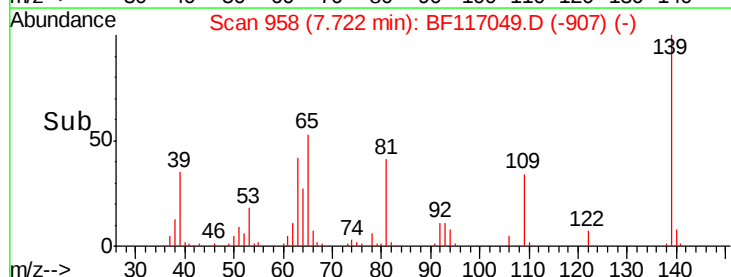
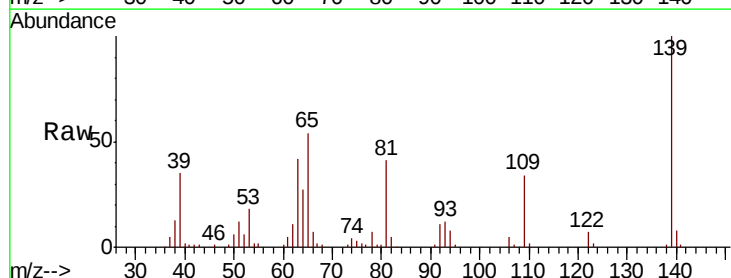
Tgt Ion: 139 Resp: 86912

Ion Ratio Lower Upper

139 100

109 34.1 24.6 36.8

65 54.1 40.9 61.3

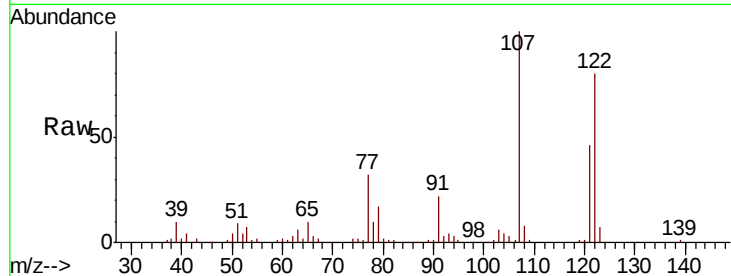




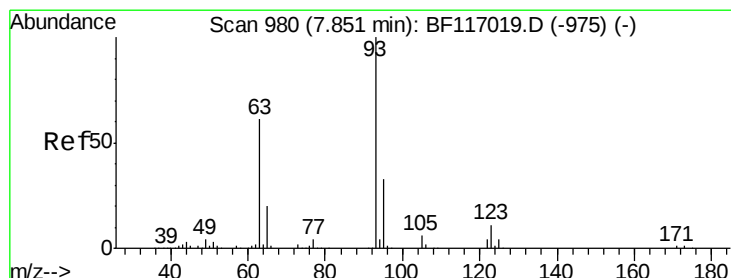
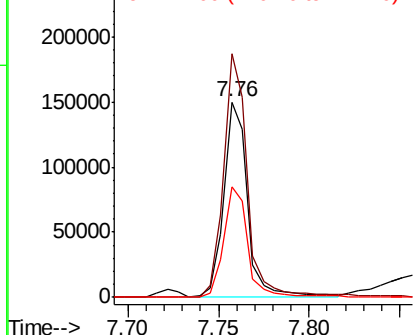
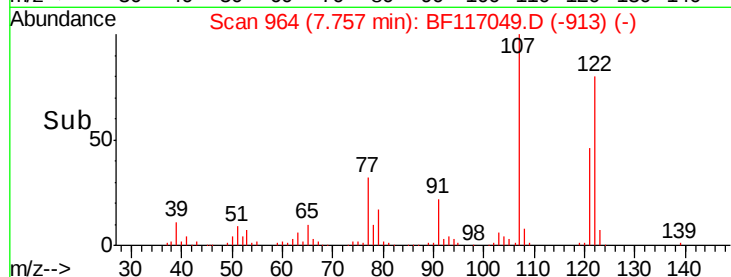
#27
 2,4-Dimethylphenol
 Concen: 37.721 ng
 RT: 7.76 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: BF117049.D
 Acq: 16 Sep 2019 8:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

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

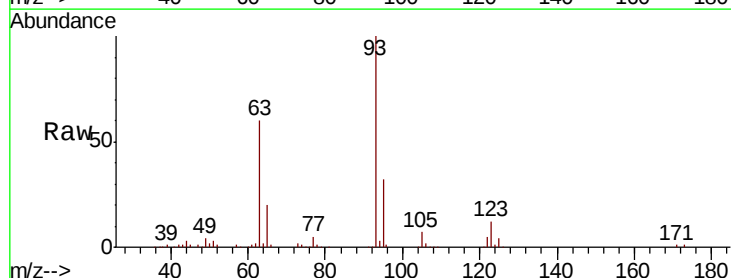


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

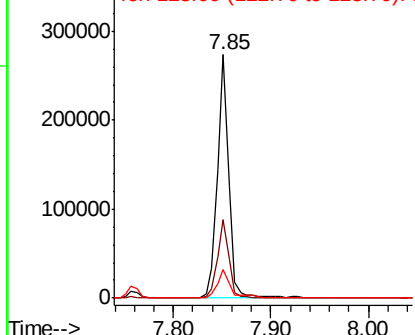
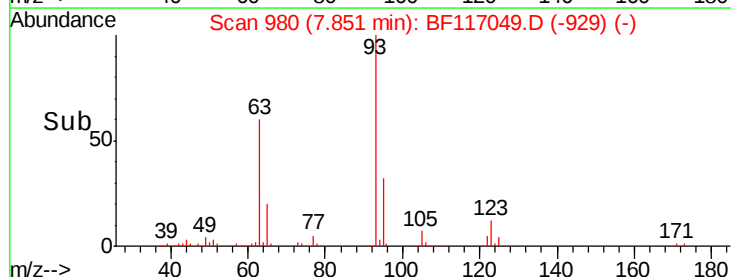


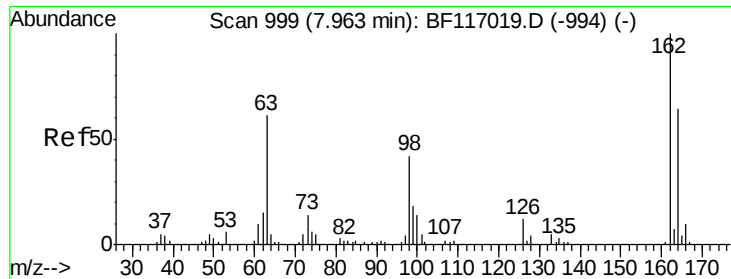
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.797 ng
 RT: 7.85 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF117049.D
 Acq: 16 Sep 2019 8:31

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

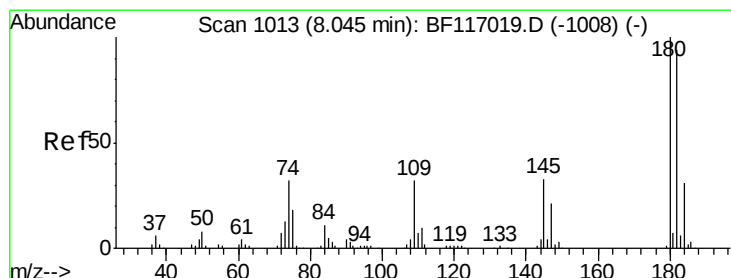
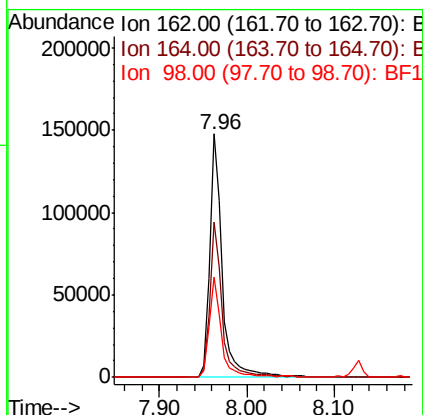
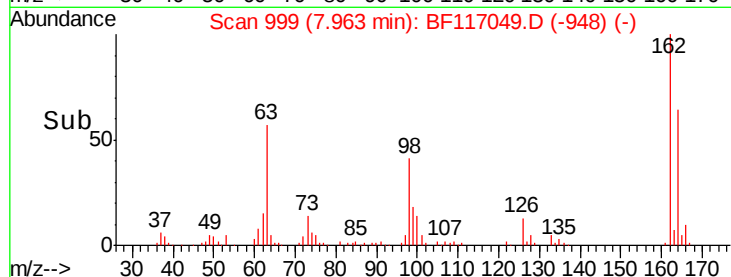
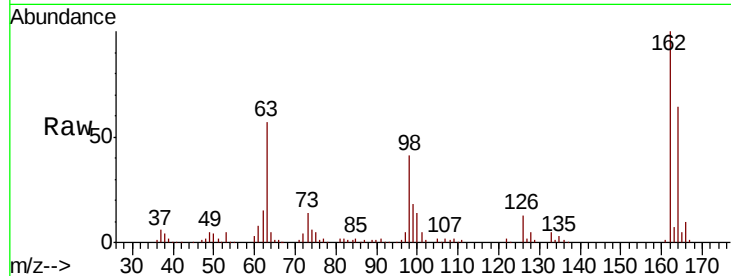




#29
 2,4-Dichlorophenol
 Concen: 38.644 ng
 RT: 7.96 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BF117049.D
 Acq: 16 Sep 2019 8:31

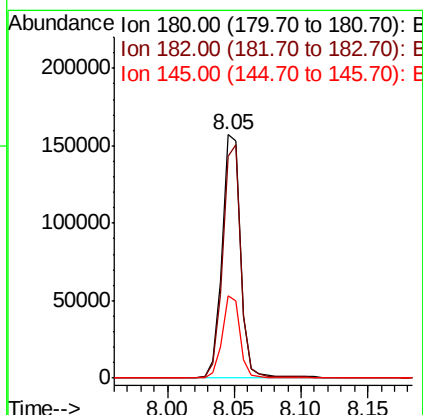
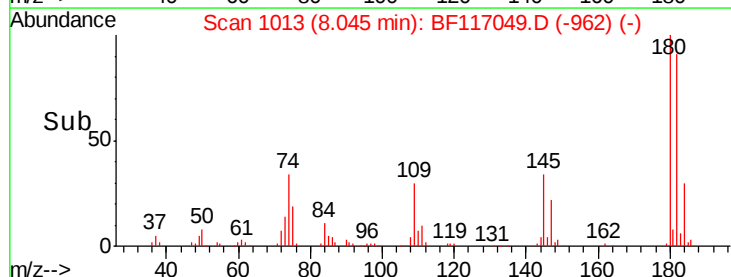
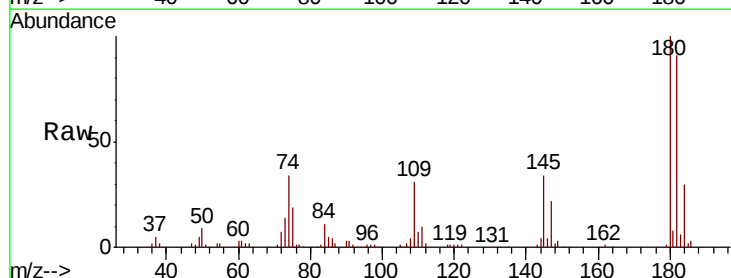
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

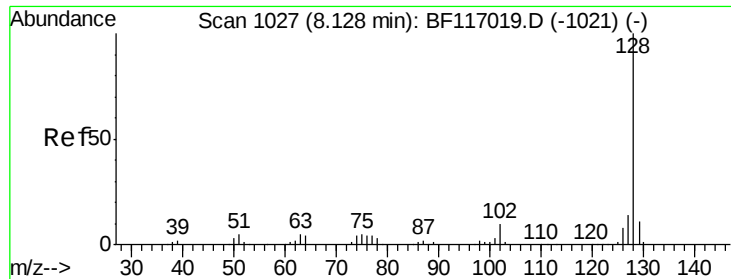
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	43.8	83.8
98	41.2	22.1	62.1



#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

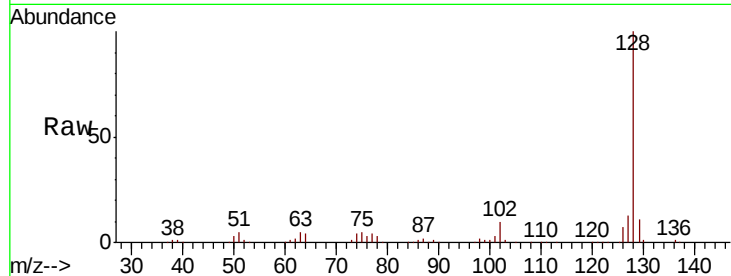




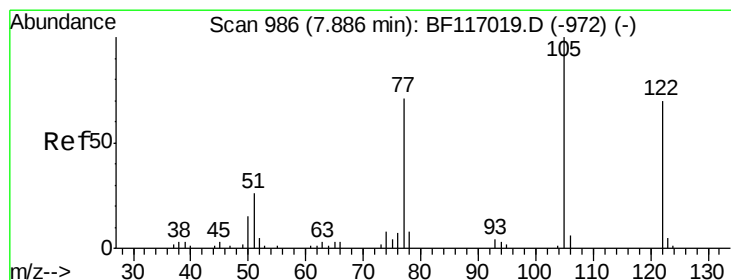
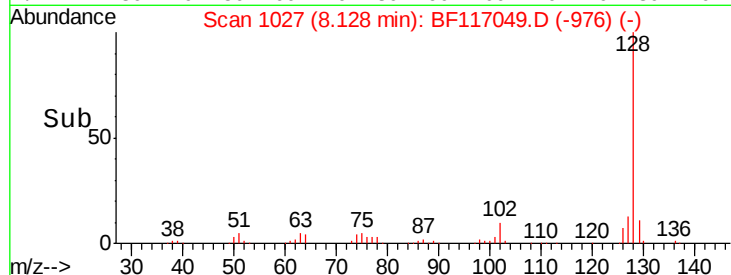
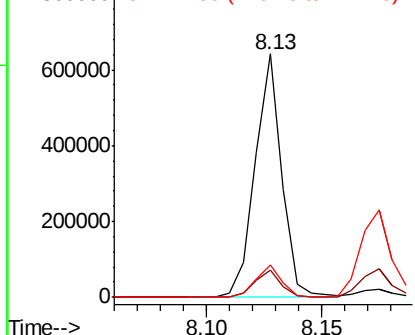
#31
Naphthalene
Concen: 38.147 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

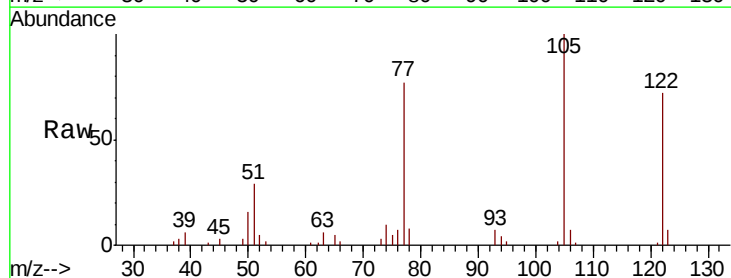


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

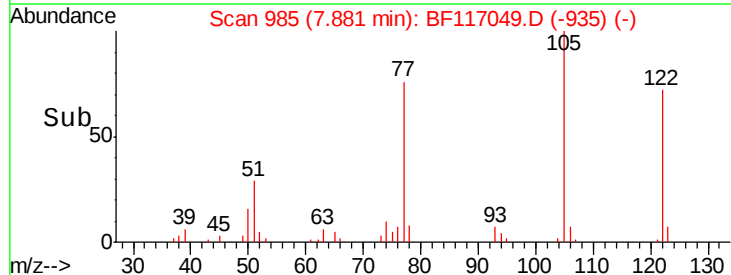
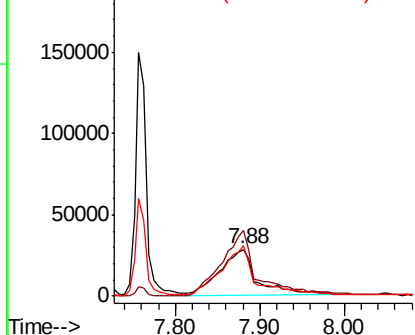


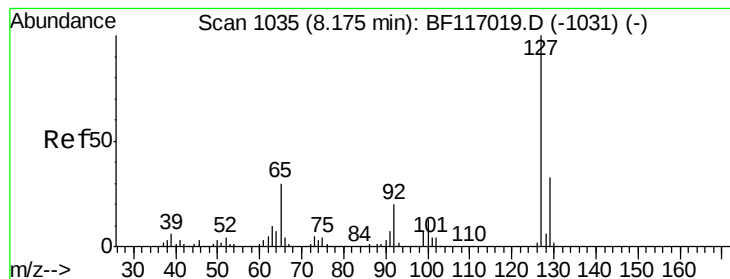
#32
Benzoic acid
Concen: 33.246 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

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

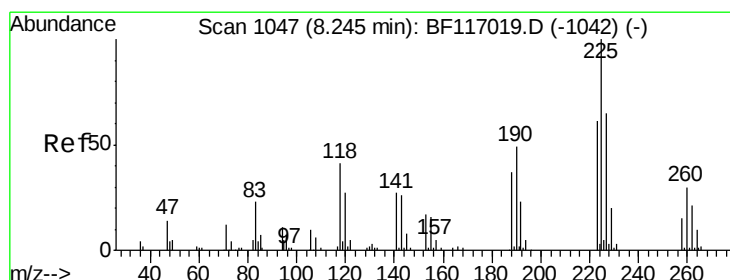
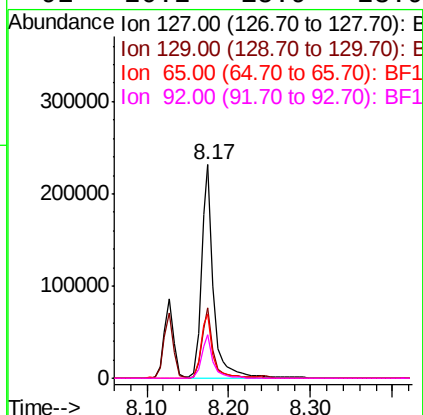
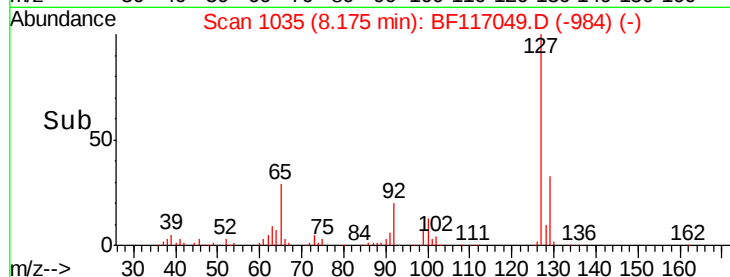
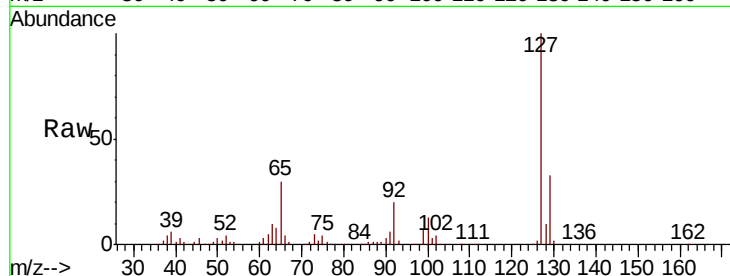




#33
4-Chloroaniline
Concen: 39.339 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

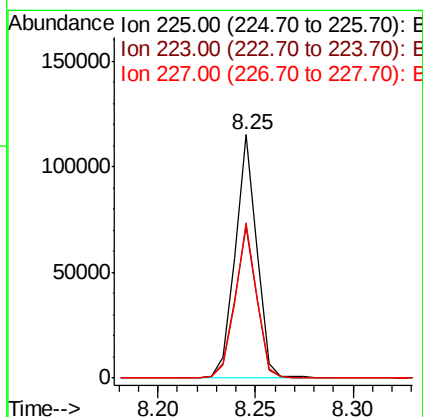
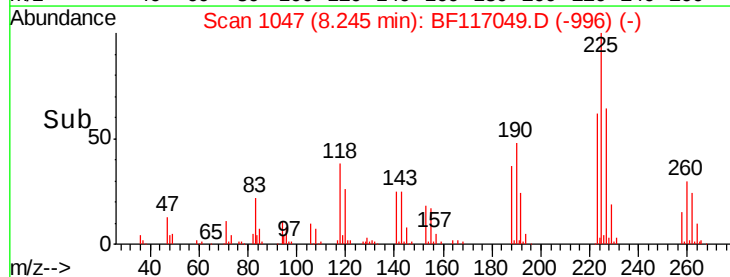
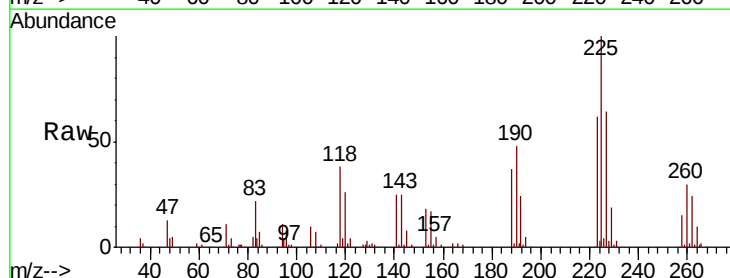
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

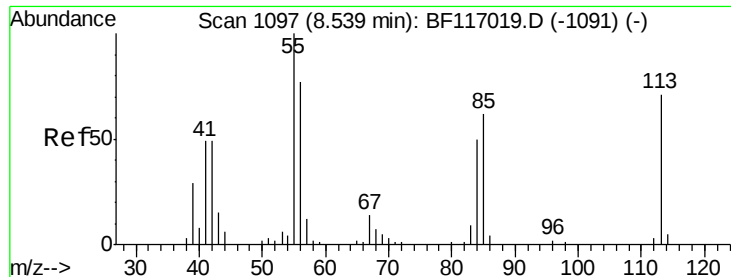
Tot Ion:	127	Resp:	237868
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.2	39.2
65	30.0	23.5	35.3
92	20.2	15.9	23.9



#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

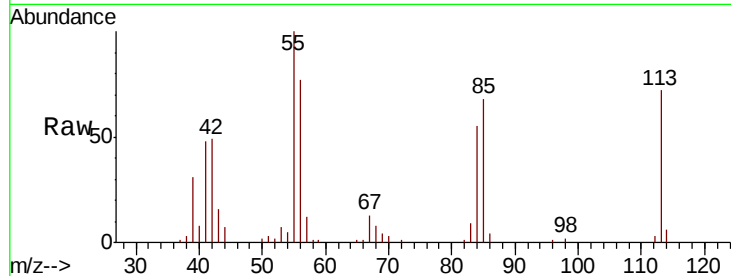




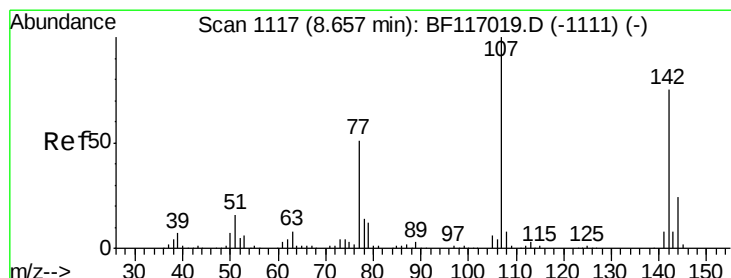
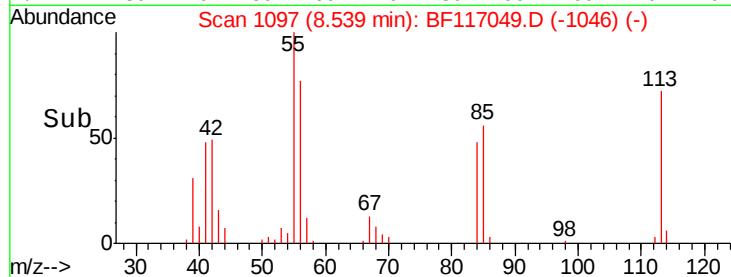
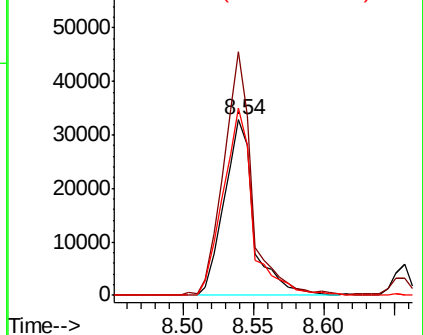
#35
Caprolactam
Concen: 37.209 ng
RT: 8.54 min Scan# 1097
Delta R.T. 0.00 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

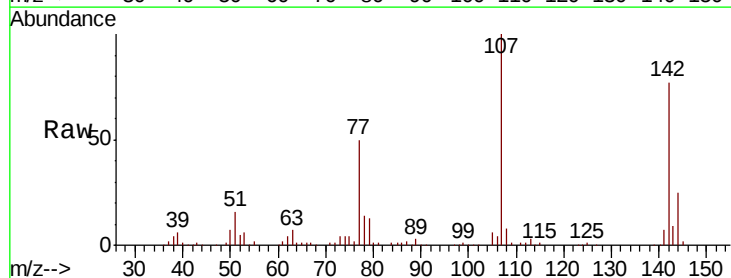


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

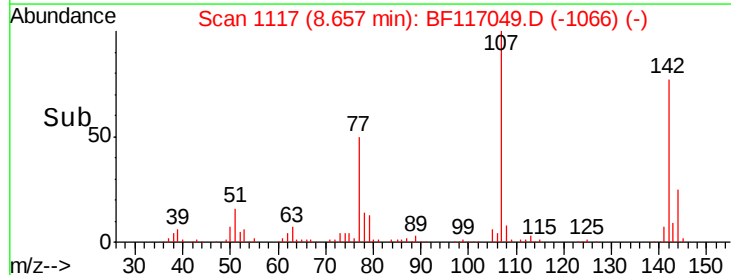
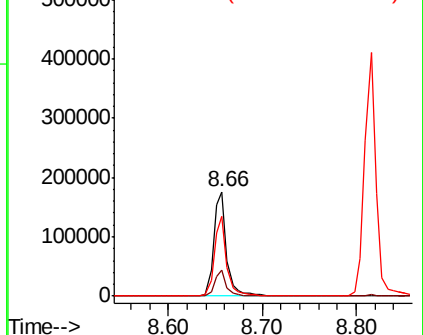


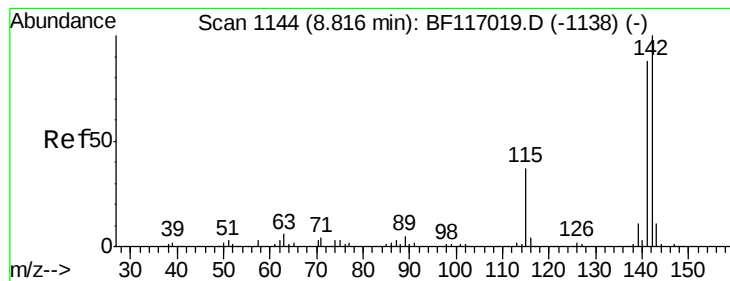
#36
4-Chloro-3-methylphenol
Concen: 38.925 ng
RT: 8.66 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

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 :

SSTDCCC040

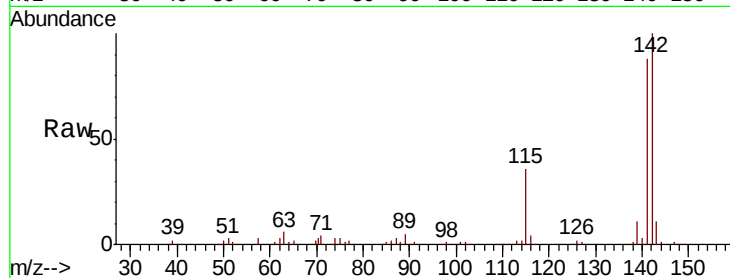
Tot Ion:142 Resp: 349998

Ion Ratio Lower Upper

142 100

141 88.3 70.7 106.1

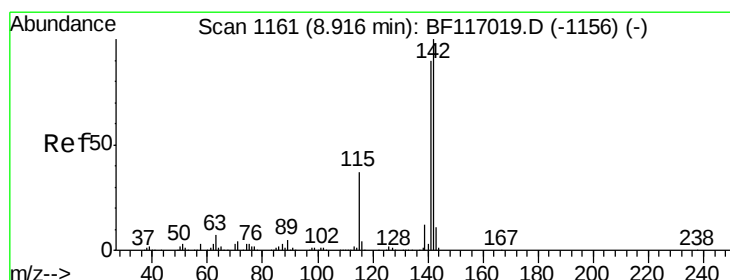
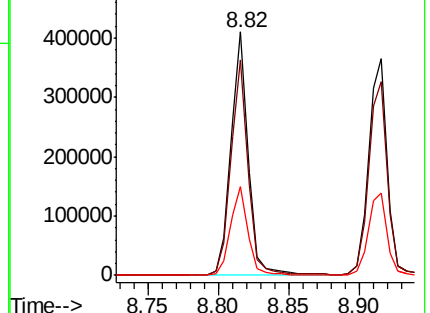
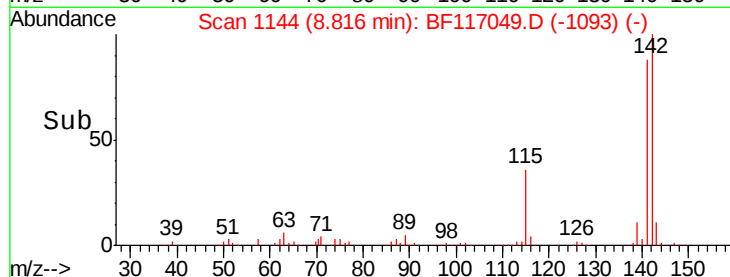
115 36.4 29.4 44.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 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

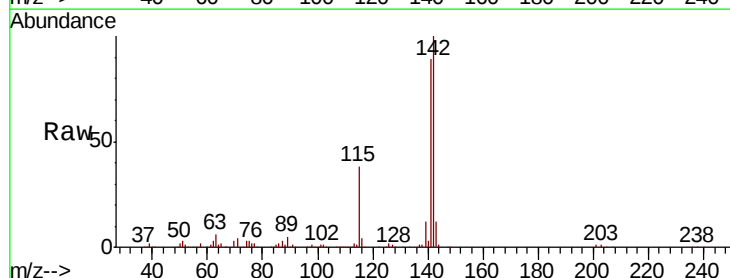
Tgt Ion:142 Resp: 330949

Ion Ratio Lower Upper

142 100

141 89.1 71.9 107.9

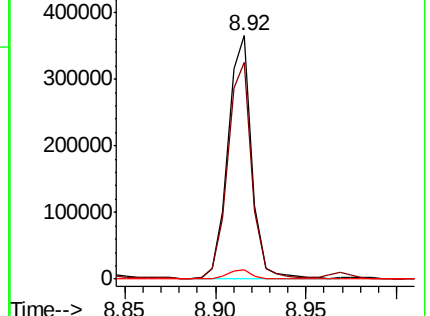
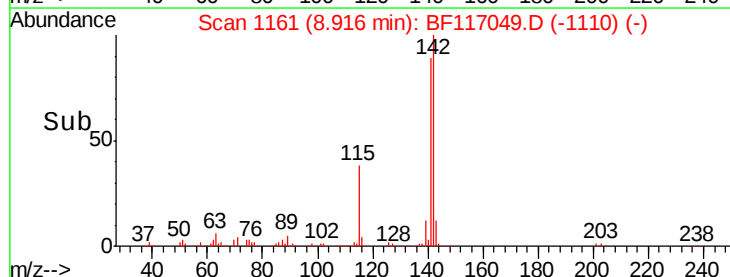
116 3.7 3.2 4.8

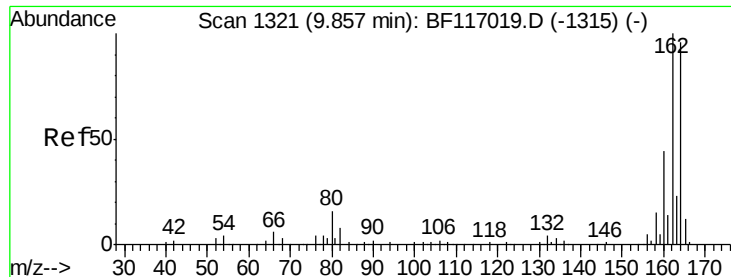


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

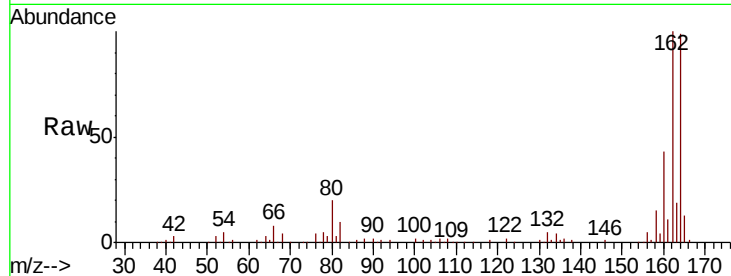




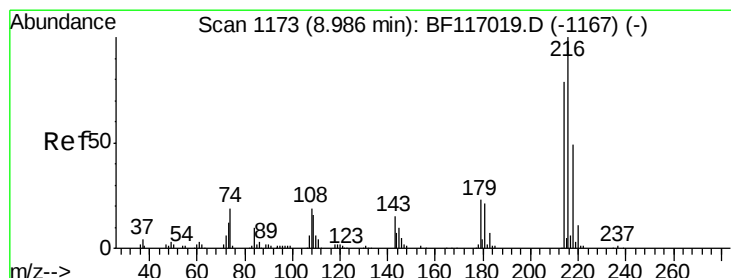
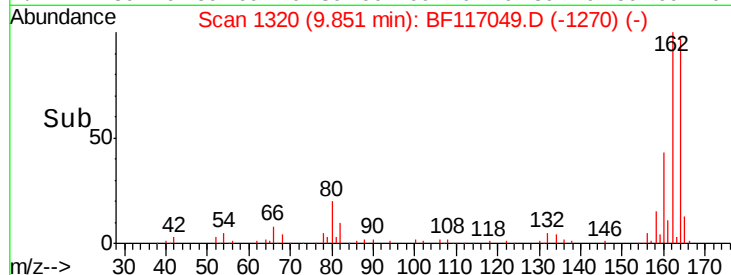
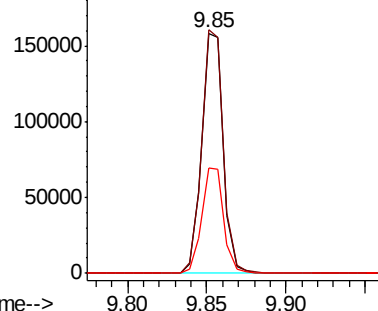
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

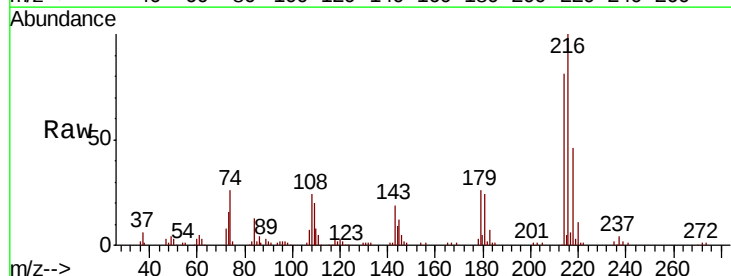


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

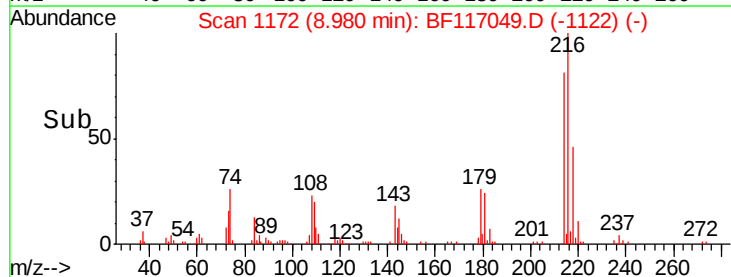
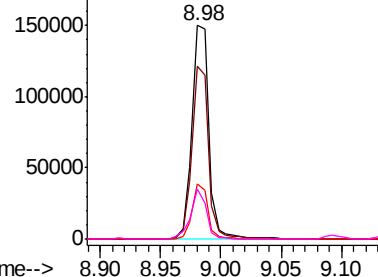


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.478 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

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 :

SSTDCCC040

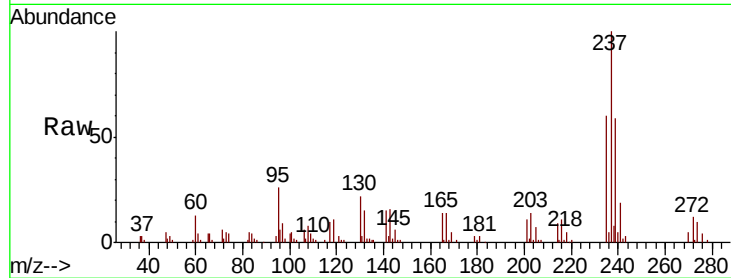
Tot Ion:237 Resp: 49086

Ion Ratio Lower Upper

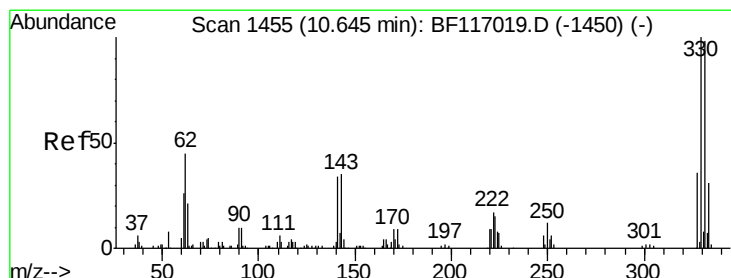
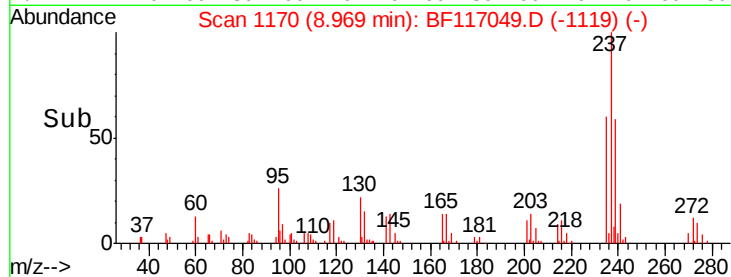
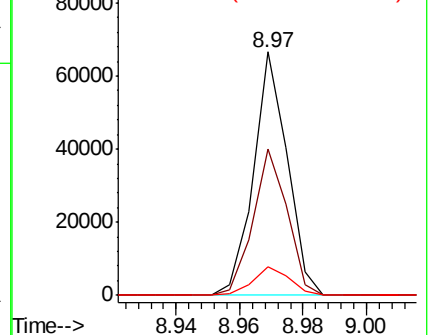
237 100

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

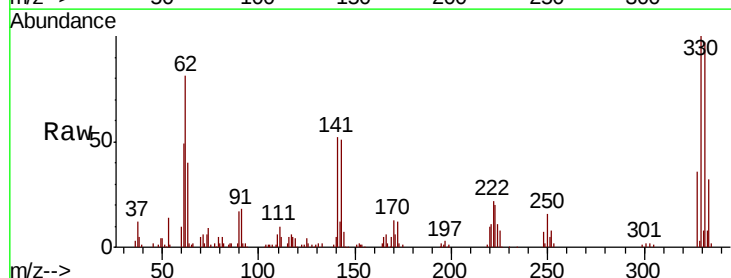
Tgt Ion:330 Resp: 93234

Ion Ratio Lower Upper

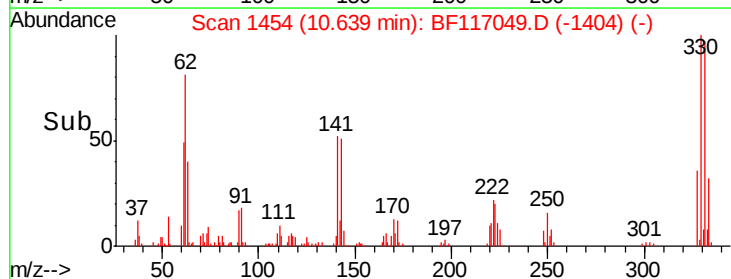
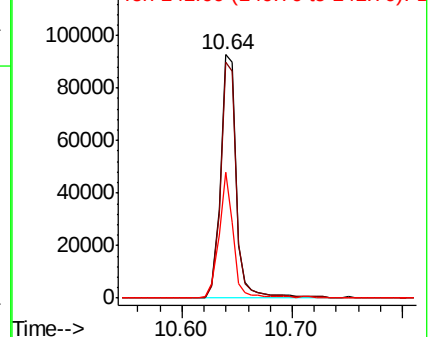
330 100

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

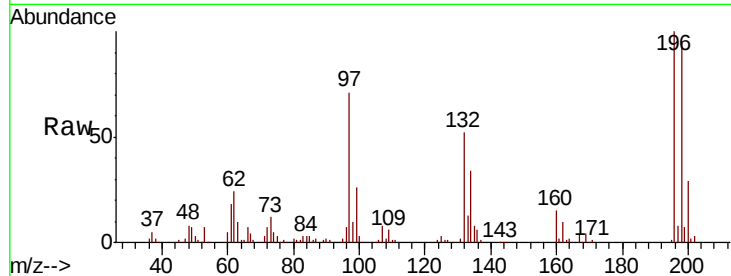




#43
 2,4,6-Trichlorophenol
 Concen: 37.322 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF117049.D
 Acq: 16 Sep 2019 8:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

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

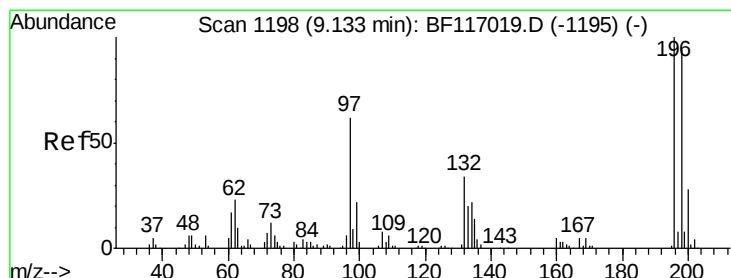
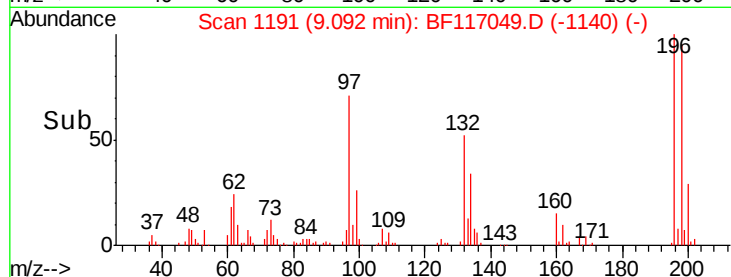
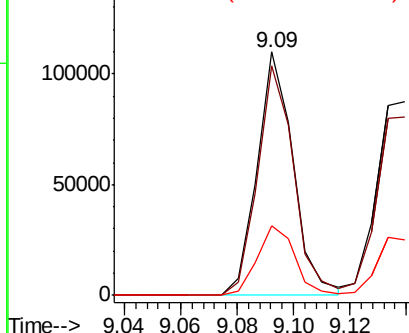


Abundance

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

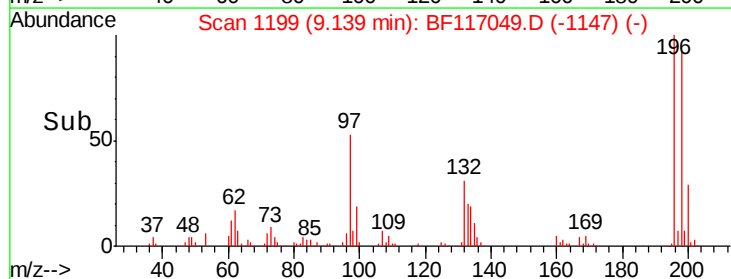
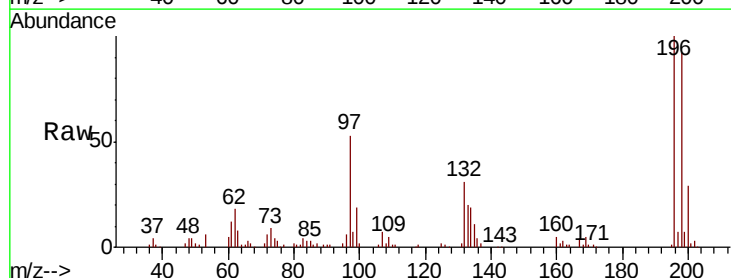
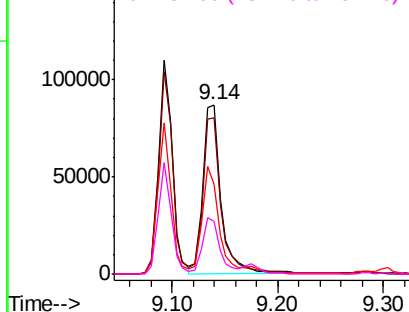
Abundance

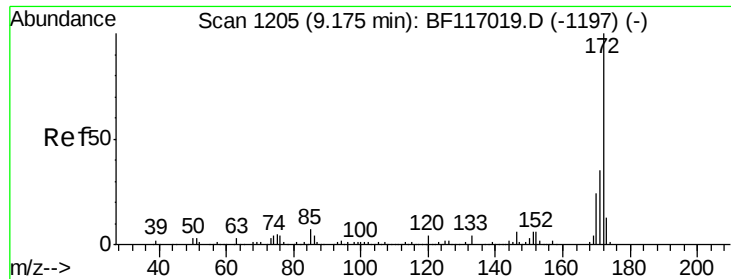
Ion 196.00 (195.70 to 196.70): E

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

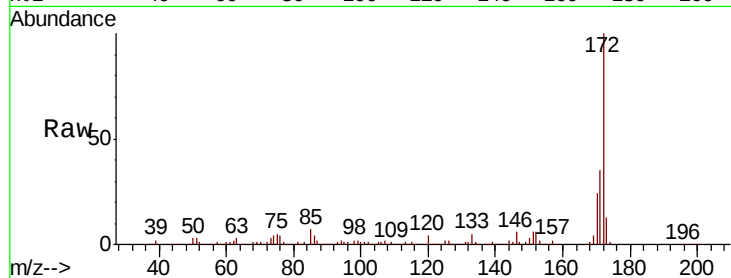




#45
2-Fluorobiphenyl
Concen: 76.632 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

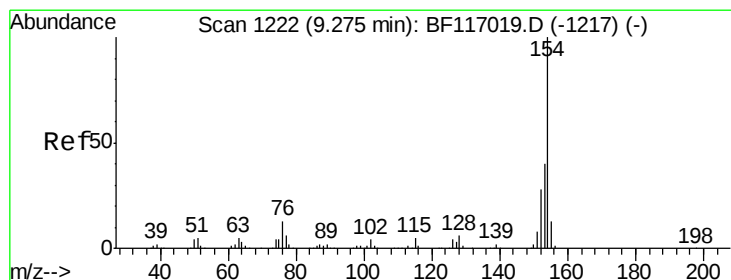
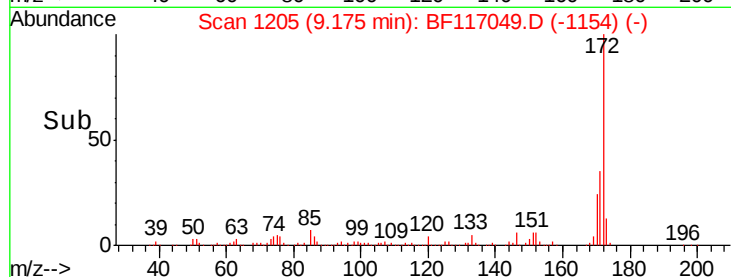
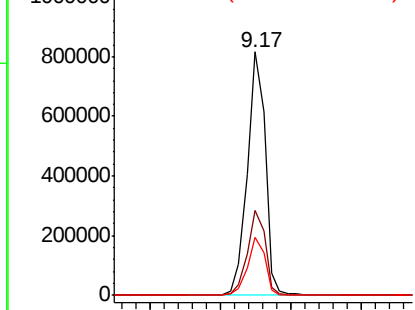


Abundance

Ion 172.00 (171.70 to 172.70): E

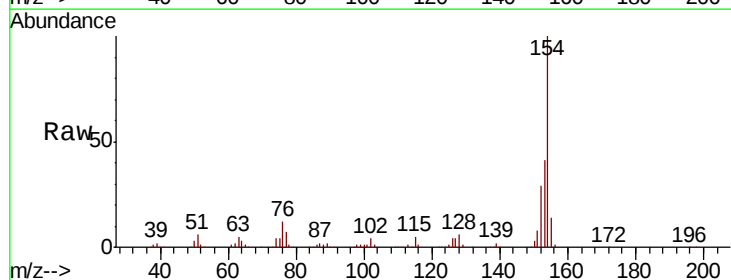
Ion 171.00 (170.70 to 171.70): E

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

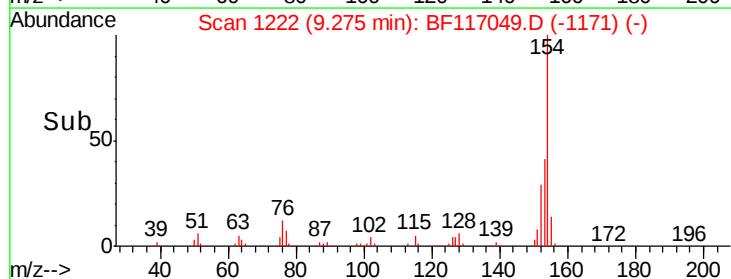
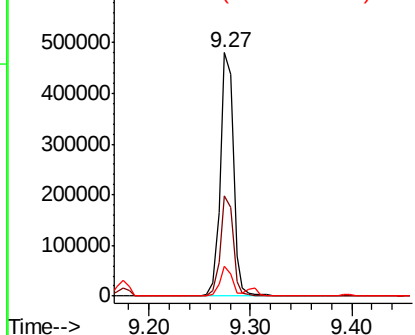


Abundance

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

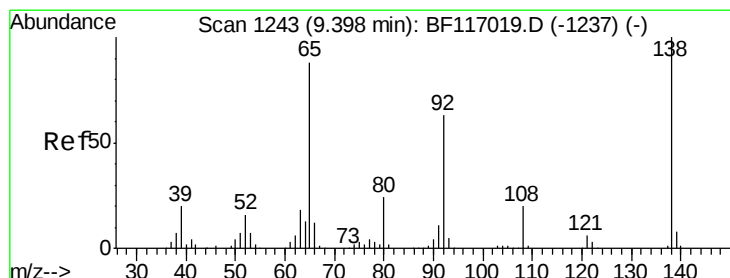
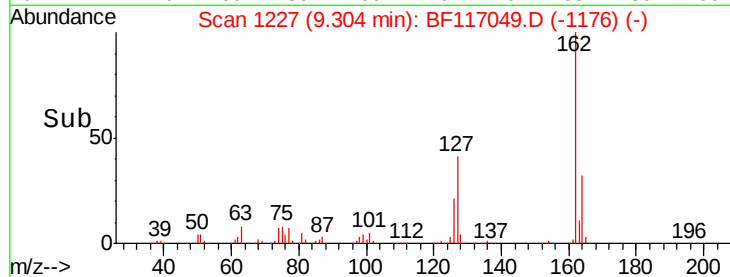
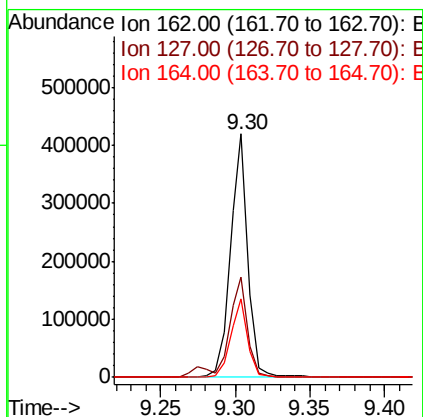
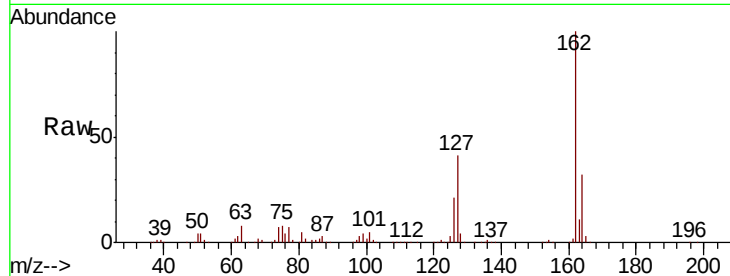




#47
2-Chloronaphthalene
Concen: 37.523 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

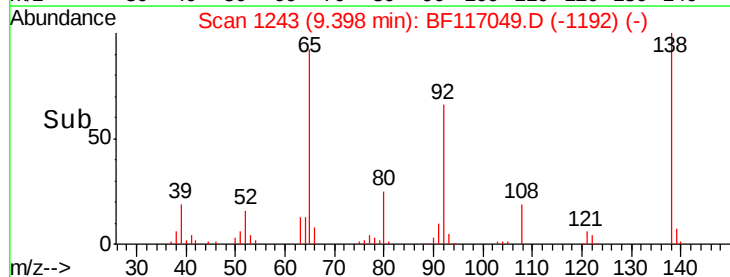
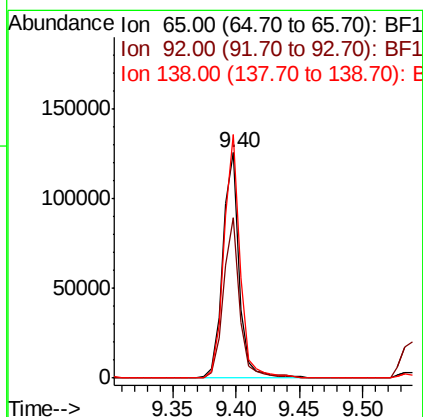
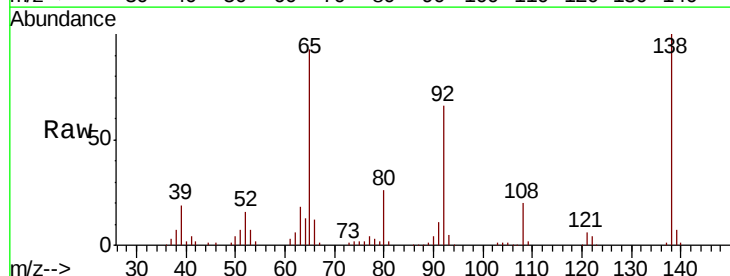
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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



#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





#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 :

SSTDCCC040

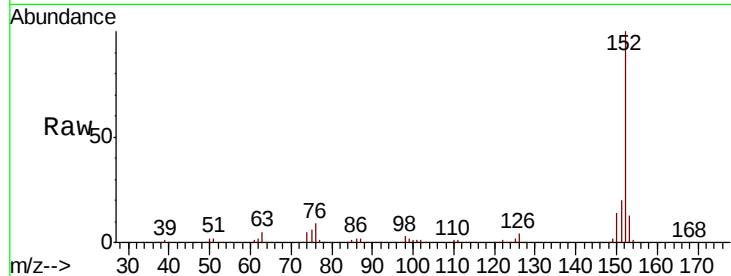
Tot Ion:152 Resp: 520574

Ion Ratio Lower Upper

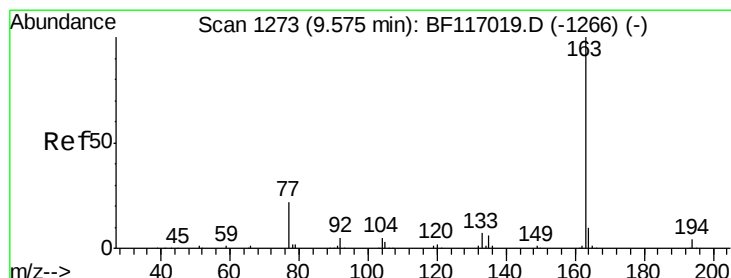
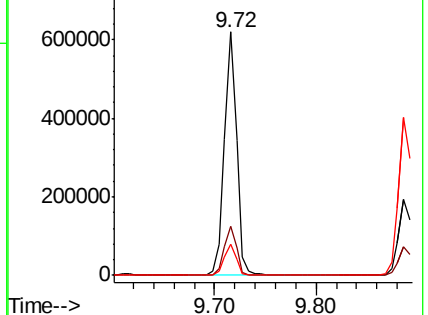
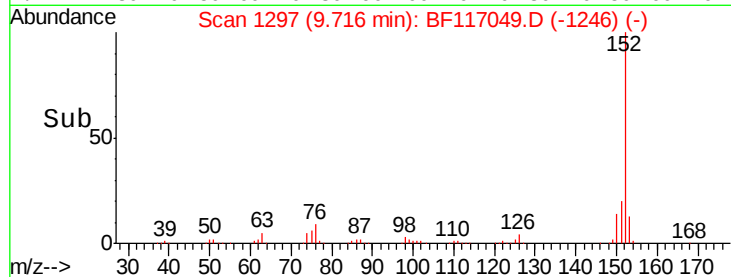
152 100

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

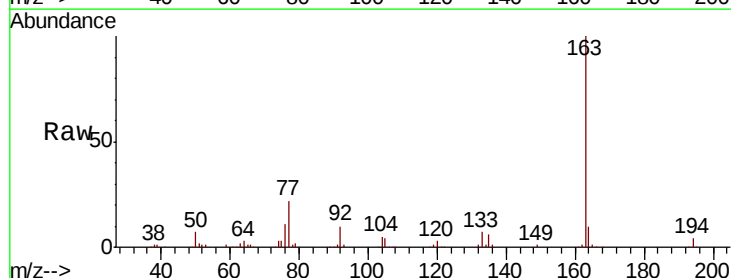
Tgt Ion:163 Resp: 392380

Ion Ratio Lower Upper

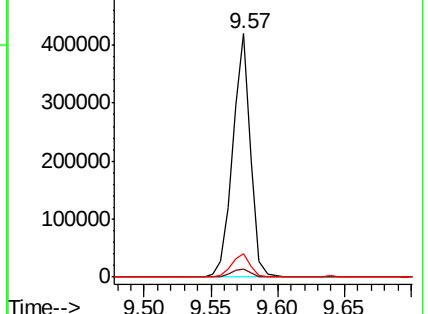
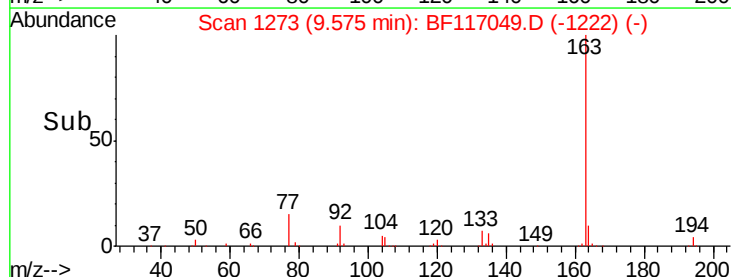
163 100

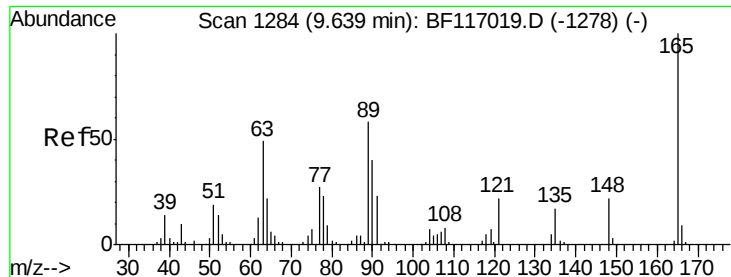
194 3.5 2.9 4.3

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

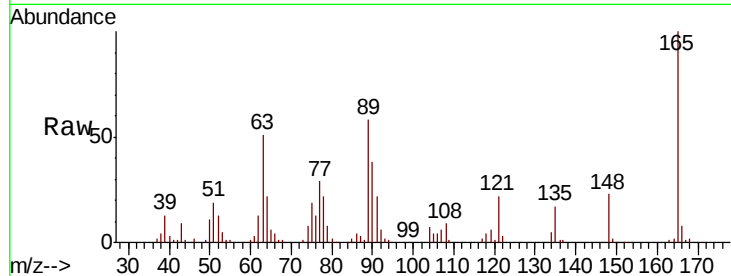




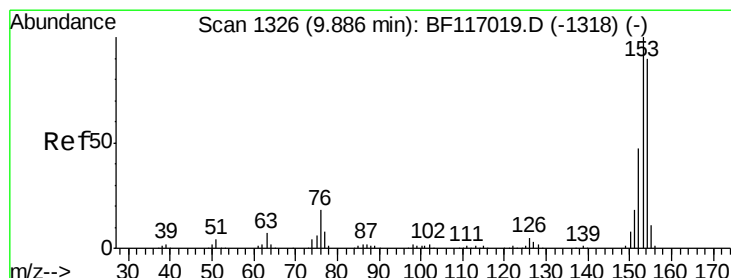
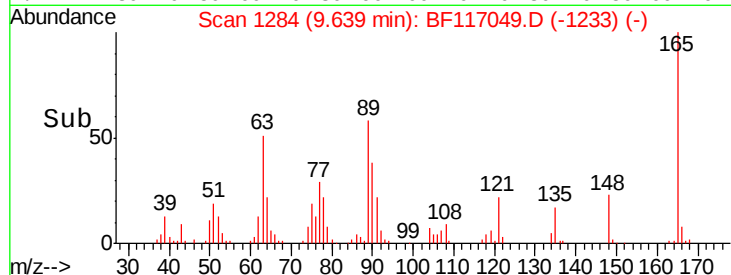
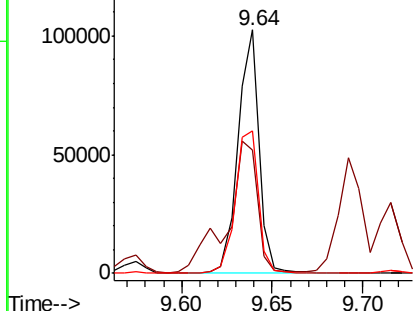
#51
 2,6-Dinitrotoluene
 Concen: 38.493 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: BF117049.D
 Acq: 16 Sep 2019 8:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

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

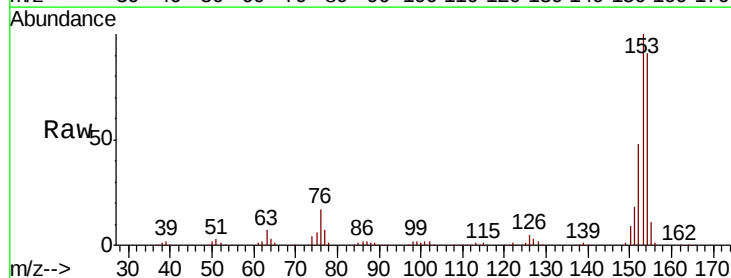


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

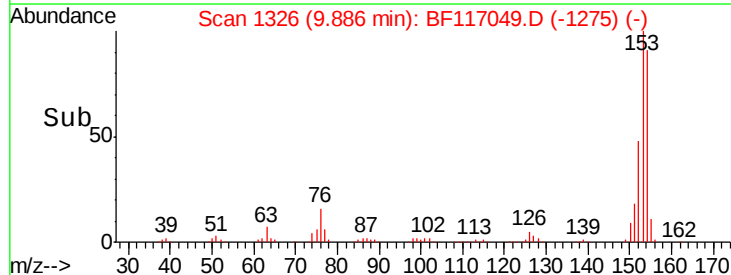
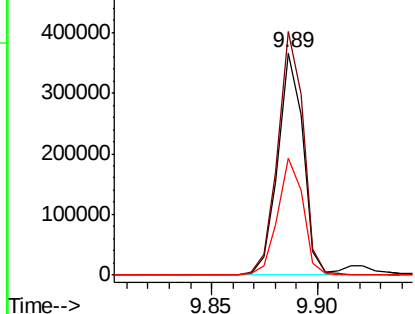


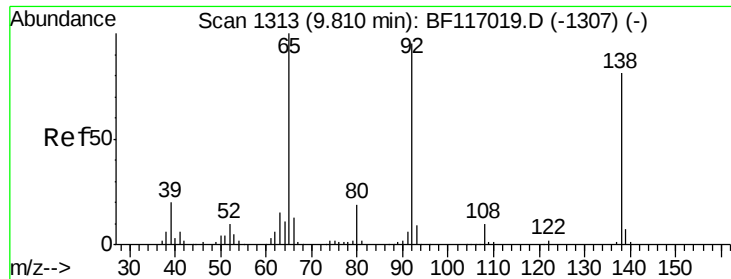
#52
 Acenaphthene
 Concen: 37.466 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF117049.D
 Acq: 16 Sep 2019 8:31

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

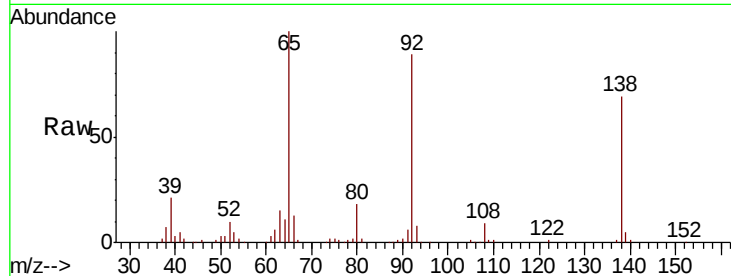




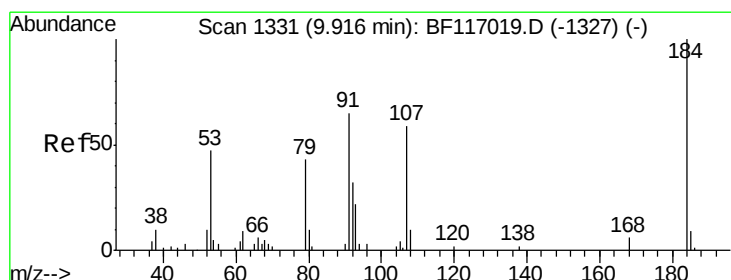
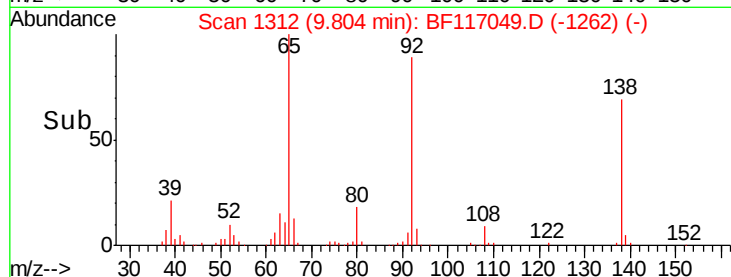
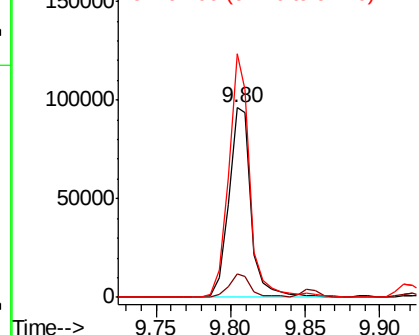
#53
3-Nitroaniline
Concen: 37.582 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

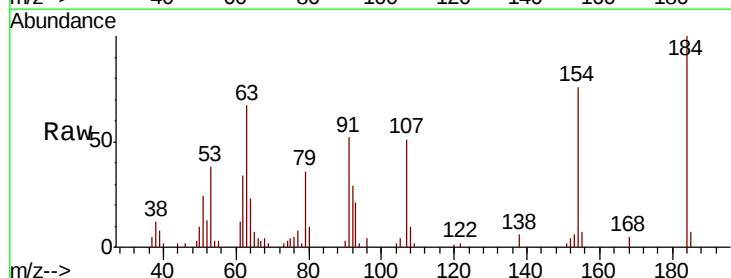


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

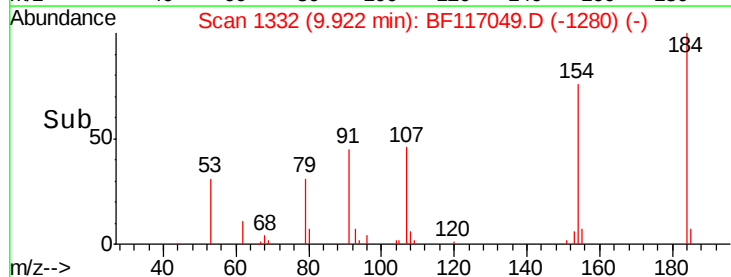
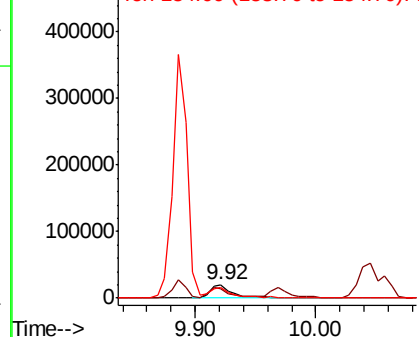


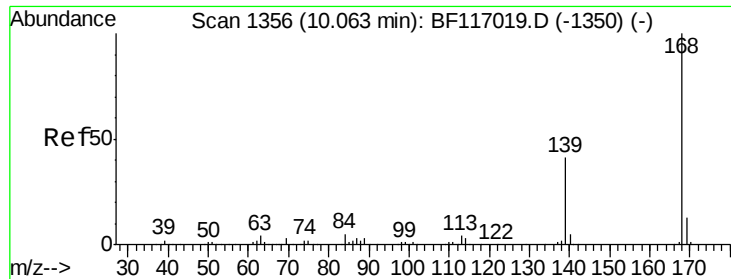
#54
2,4-Dinitrophenol
Concen: 35.419 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

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

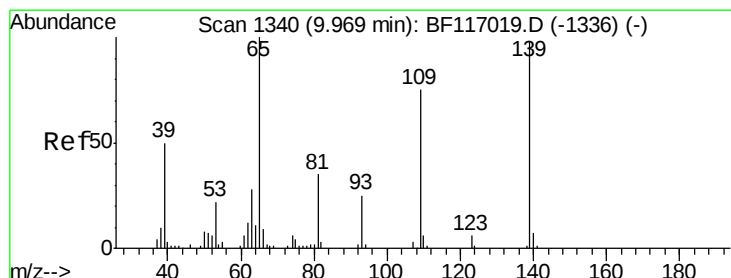
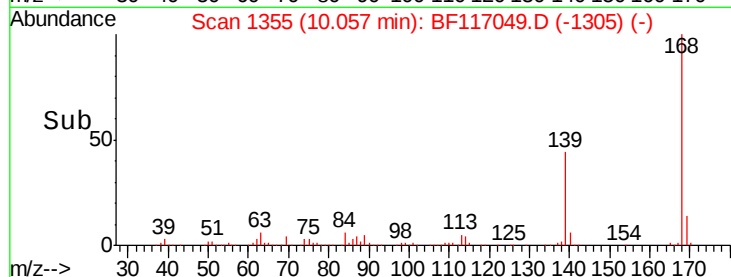
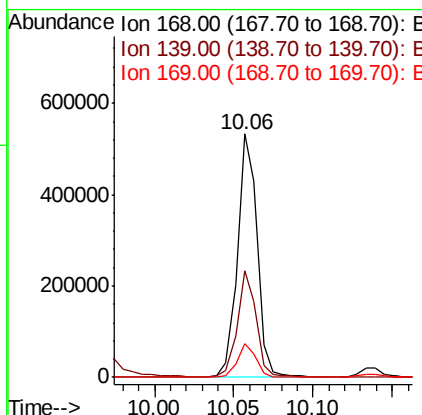
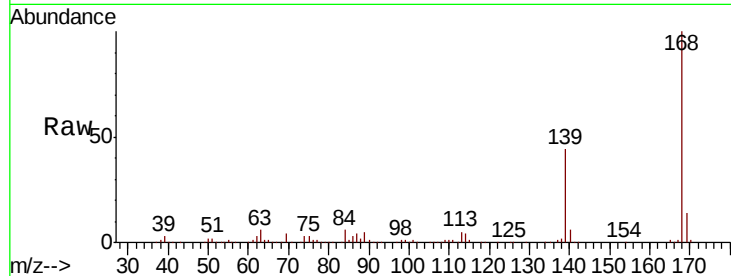




#55
Dibenzenofuran
Concen: 38.144 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

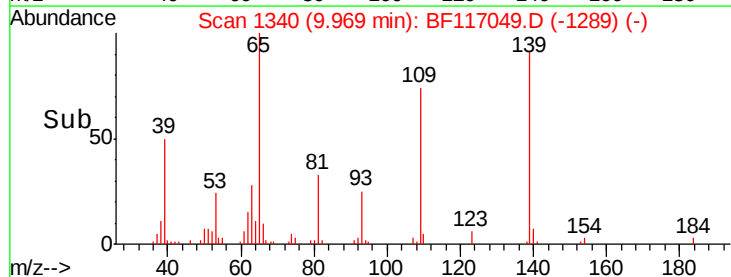
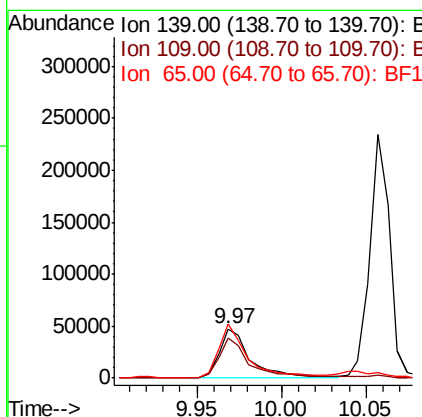
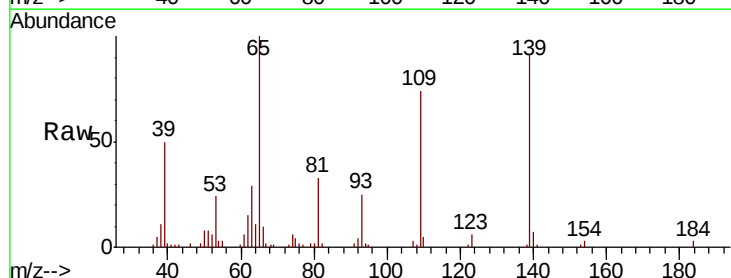
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

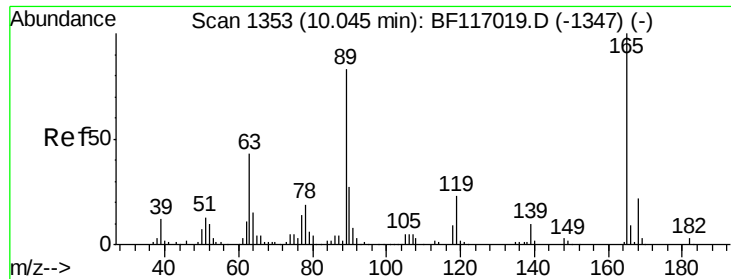
Tot Ion:168 Resp: 459709
Ion Ratio Lower Upper
168 100
139 44.0 32.8 49.2
169 13.7 10.5 15.7



#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

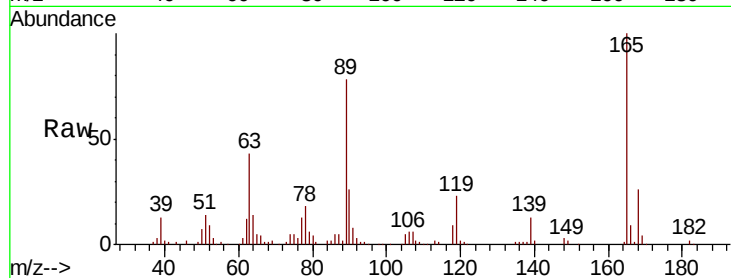




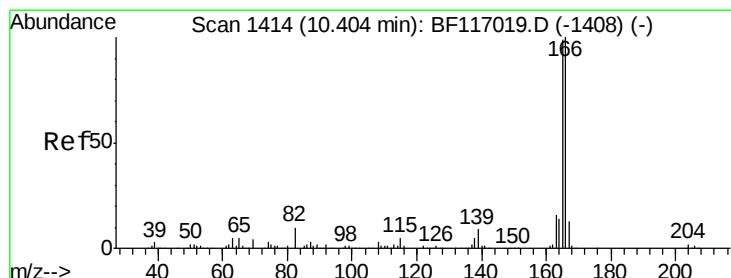
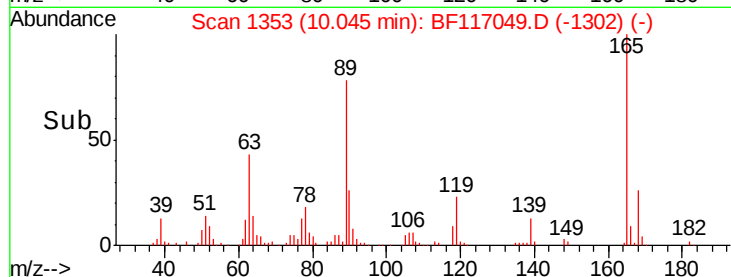
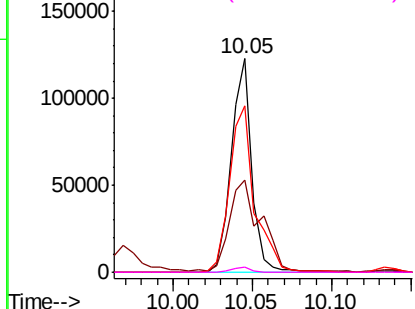
#57
2,4-Dinitrotoluene
Concen: 39.589 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:165	Resp:	110113
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

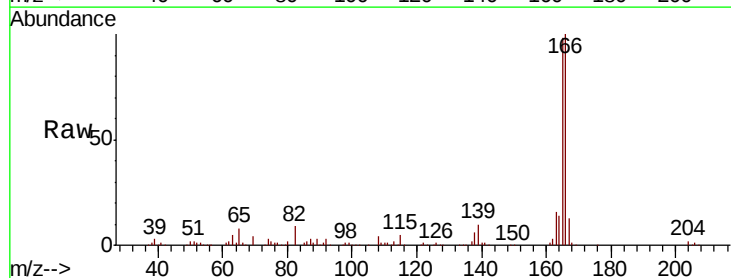


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

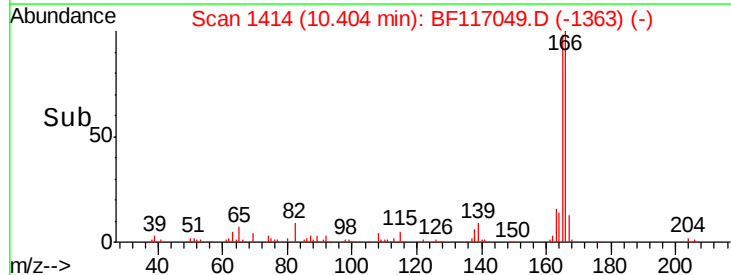
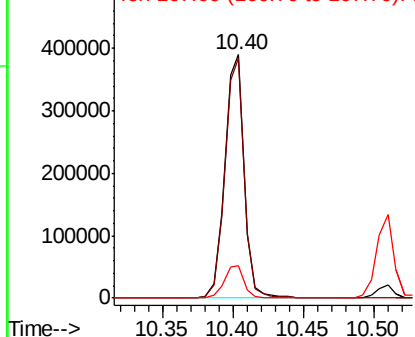


#58
Fluorene
Concen: 37.958 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

Tgt Ion:166	Resp:	368503
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 :

SSTDCCC040

Tot Ion:232 Resp: 78584

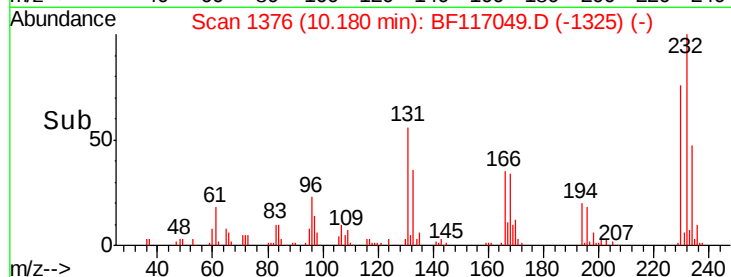
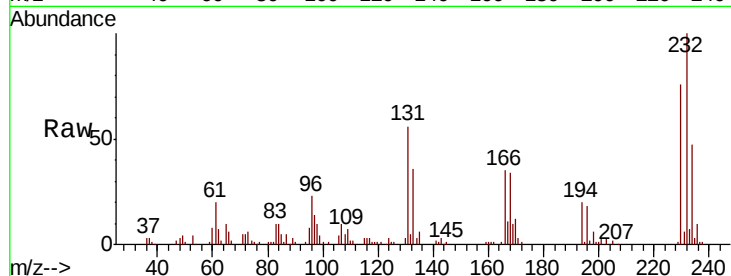
Ion Ratio Lower Upper

232 100

131 59.4 45.3 67.9

130 2.5 1.8 2.8

166 37.5 29.4 44.2

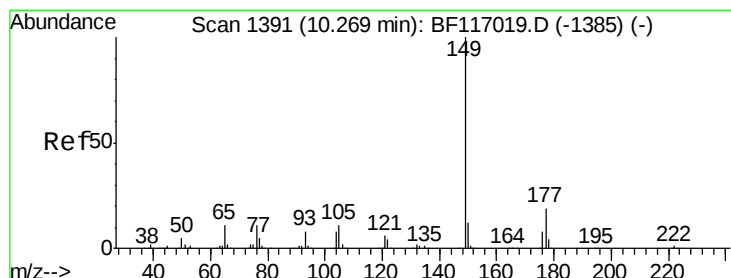
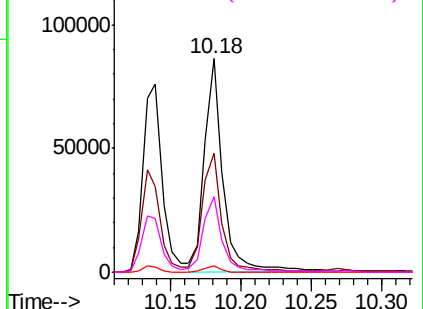


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 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

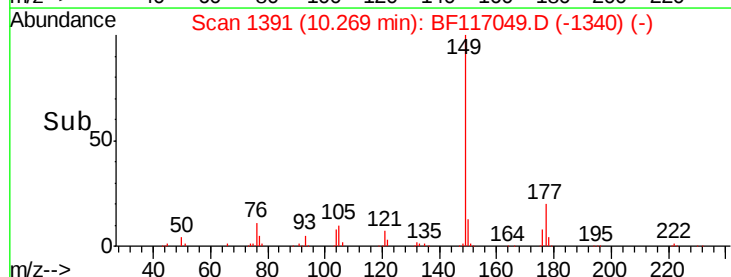
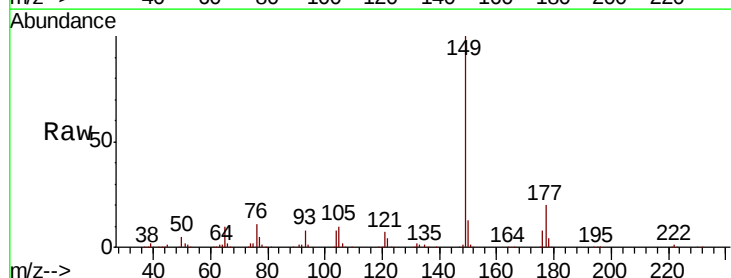
Tgt Ion:149 Resp: 395596

Ion Ratio Lower Upper

149 100

177 20.1 15.2 22.8

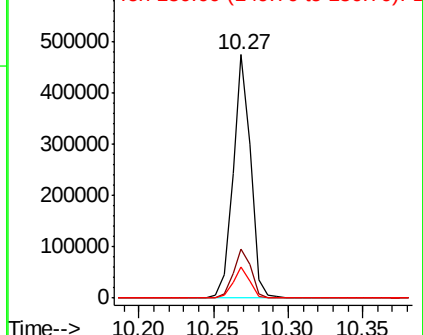
150 12.6 9.9 14.9

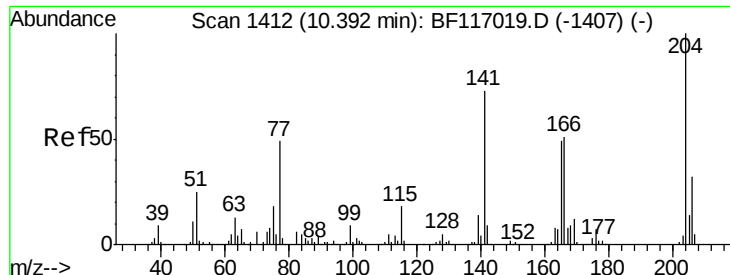


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

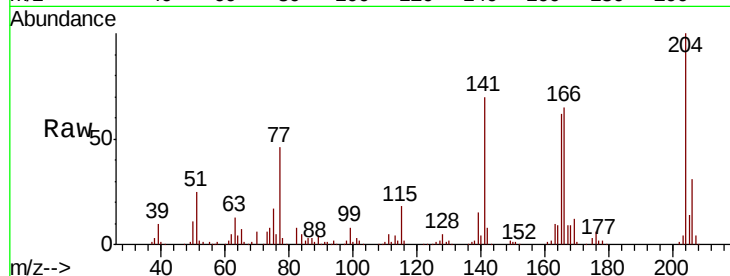




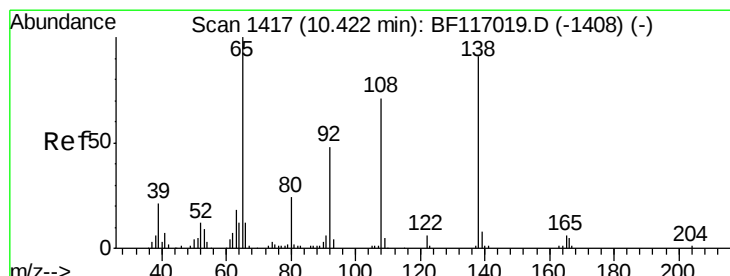
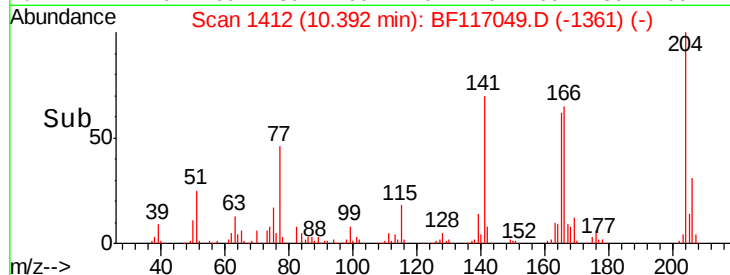
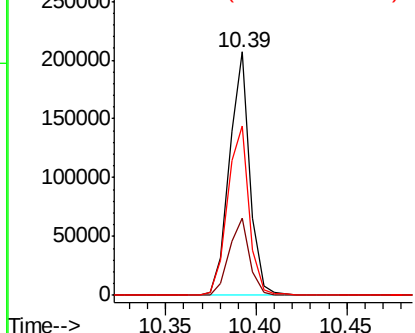
#61
4-Chlorophenyl-phenylether
Concen: 38.704 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 162573
Ion Ratio Lower Upper
204 100
206 31.5 26.0 39.0
141 69.8 58.2 87.2

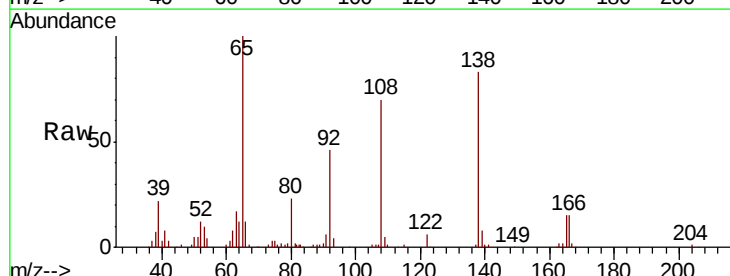


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

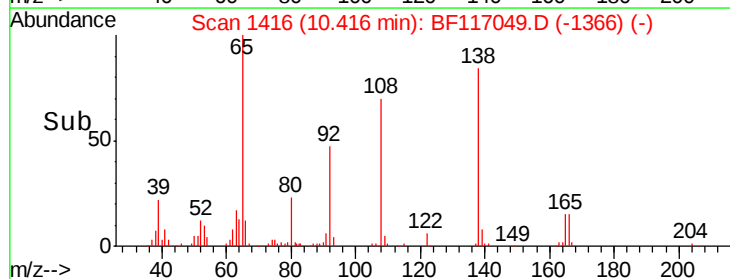
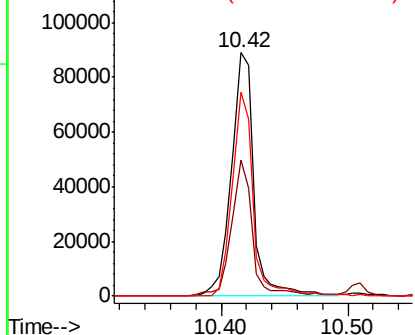


#62
4-Nitroaniline
Concen: 38.472 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

Tgt Ion:138 Resp: 108163
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 :

SSTDCCC040

Tot Ion: 77 Resp: 393309

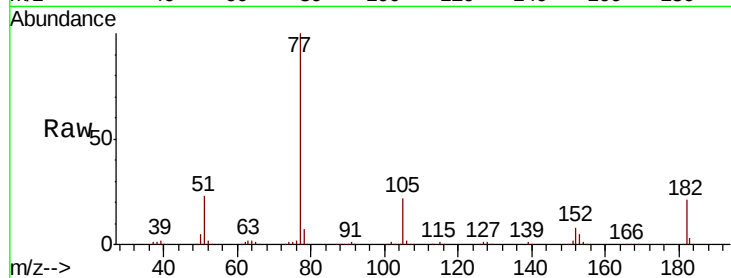
Ion Ratio Lower Upper

77 100

182 21.4 0.4 40.4

105 21.6 0.9 40.9

51 23.5 2.8 42.8

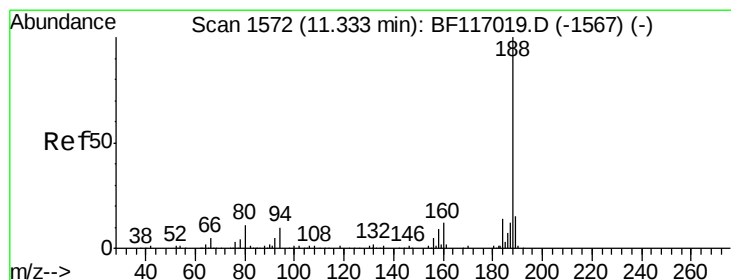
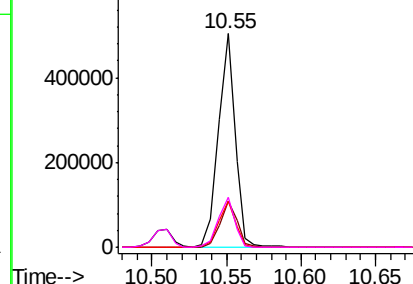
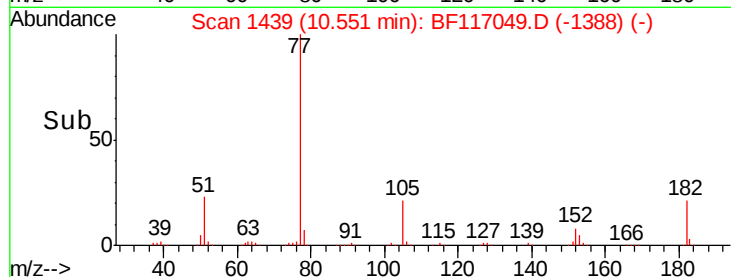


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF117049.D

Acq: 16 Sep 2019 8:31

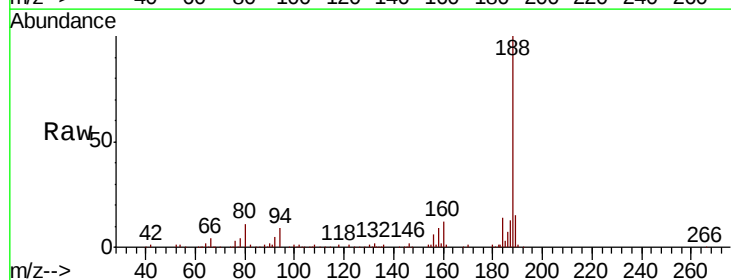
Tgt Ion: 188 Resp: 244575

Ion Ratio Lower Upper

188 100

94 9.1 8.2 12.2

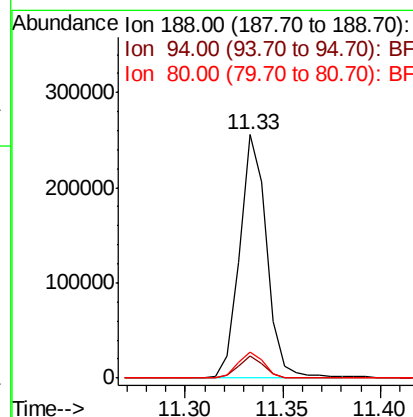
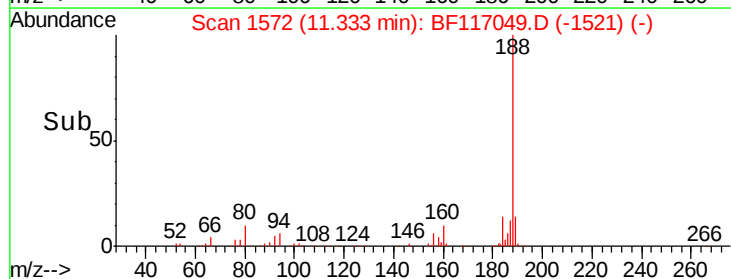
80 10.7 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 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 :

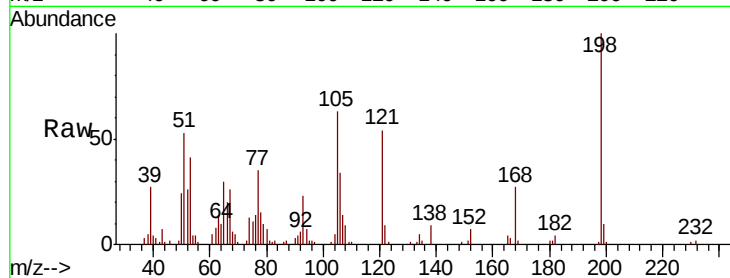
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 35899

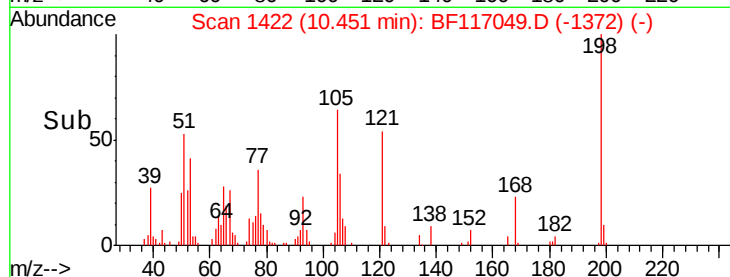
Ion	Ratio	Lower	Upper
198	100		
51	52.8	18.7	58.7
105	63.2	30.2	70.2



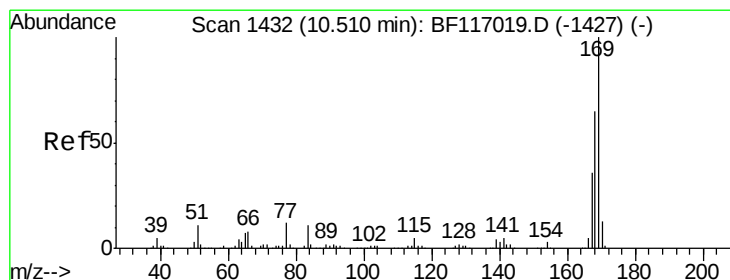
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 37.791 ng

RT: 10.51 min Scan# 1432

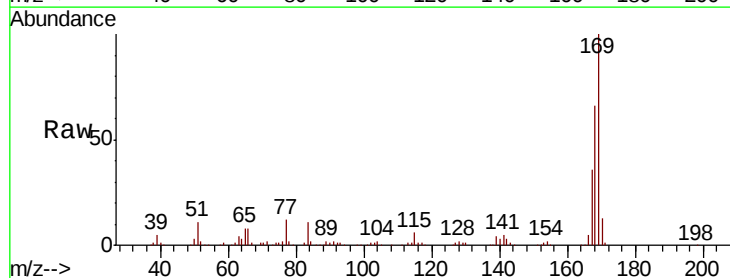
Delta R.T. 0.00 min

Lab File: BF117049.D

Acq: 16 Sep 2019 8:31

Tgt Ion:169 Resp: 319202

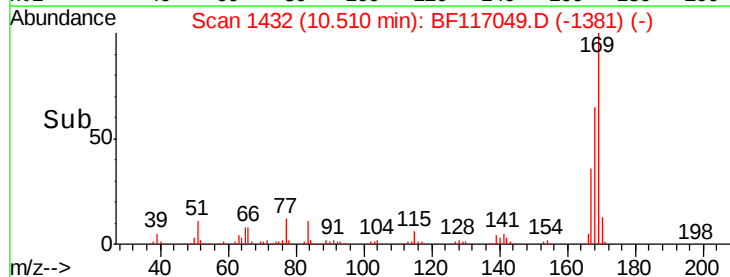
Ion	Ratio	Lower	Upper
169	100		
168	65.7	52.2	78.2
167	35.8	28.8	43.2



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



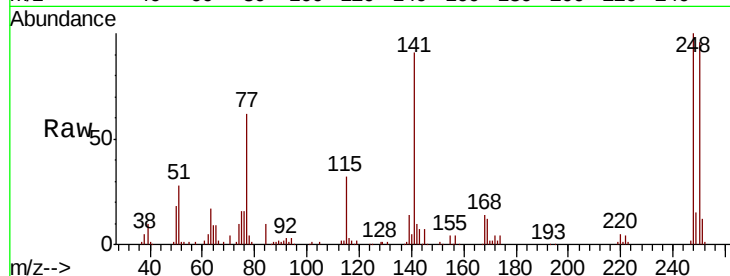
Time-->



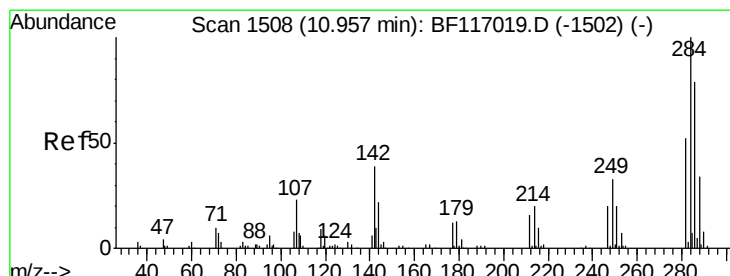
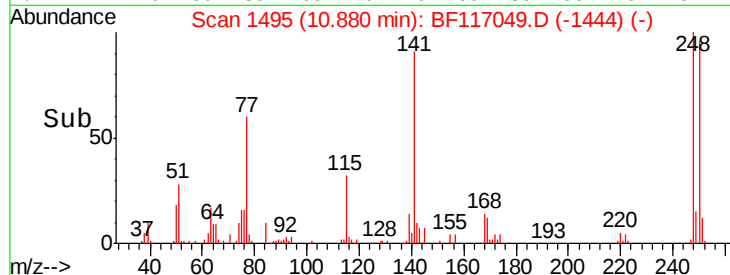
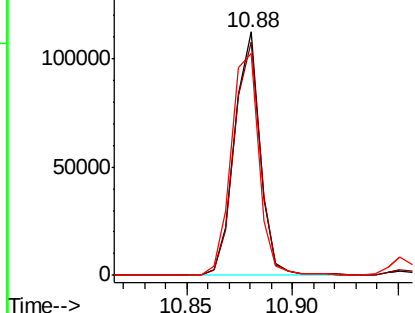
#67
 4-Bromophenyl-phenylether
 Concen: 37.581 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF117049.D
 Acq: 16 Sep 2019 8:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:248 Resp: 93865
 Ion Ratio Lower Upper
 248 100
 250 95.8 76.2 114.4
 141 90.9 75.0 112.4

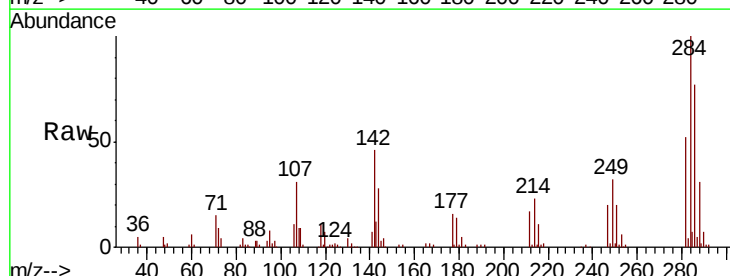


Abundance Ion 248.00 (247.70 to 248.70): E
 150000 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

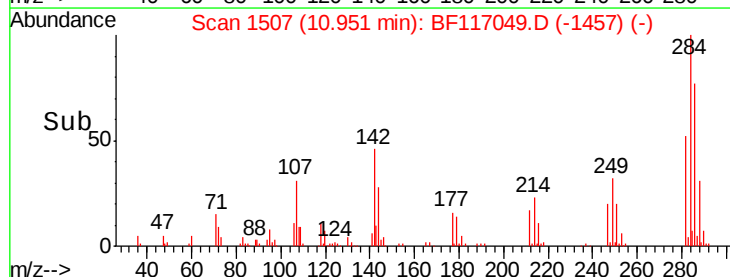
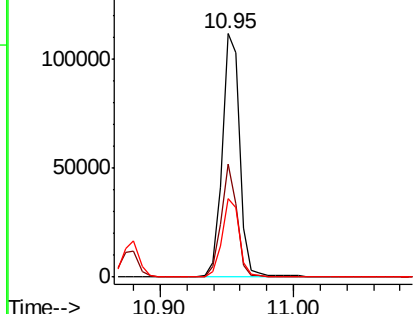


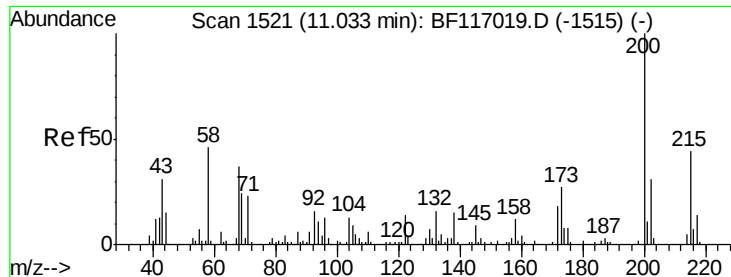
#68
 Hexachlorobenzene
 Concen: 38.060 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF117049.D
 Acq: 16 Sep 2019 8:31

Tgt Ion:284 Resp: 103975
 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
 150000 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

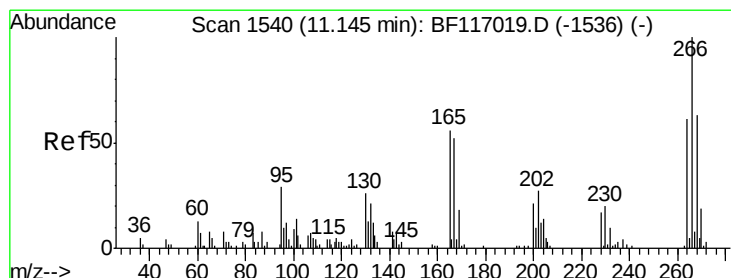
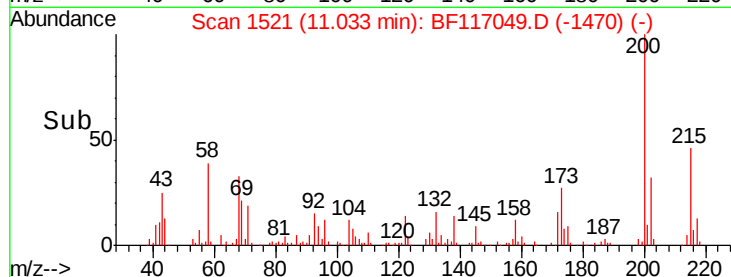
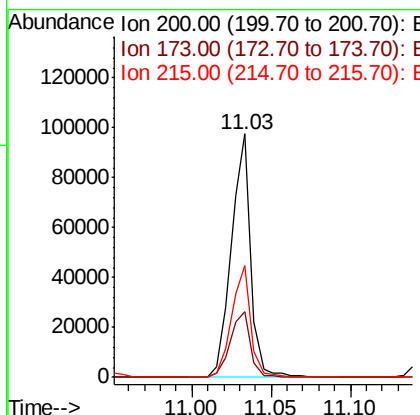
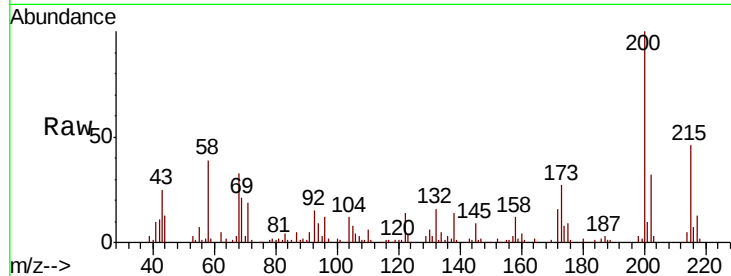




#69
Atrazine
Concen: 37.654 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

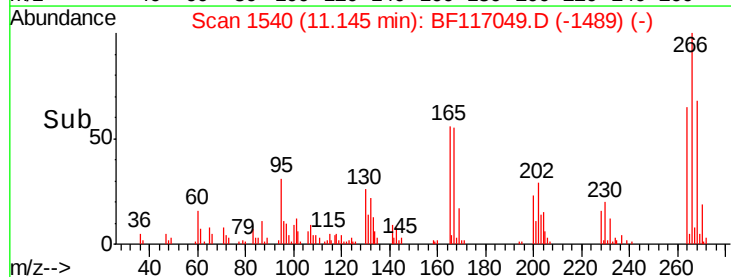
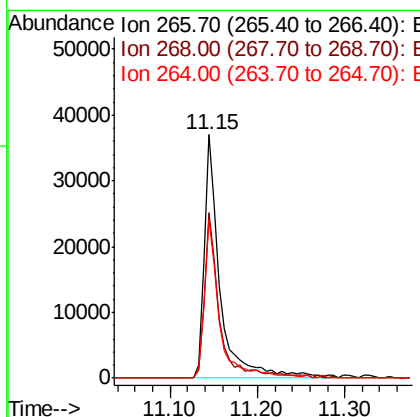
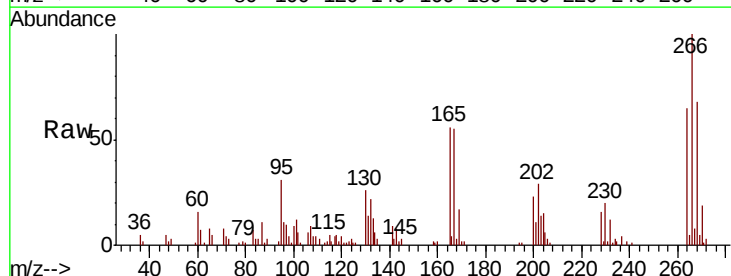
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

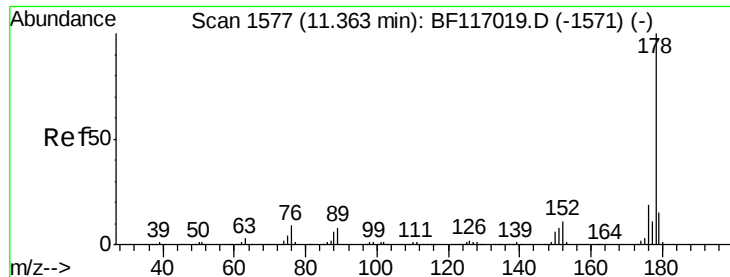
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	6.9	46.9
215	46.0	23.8	63.8



#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

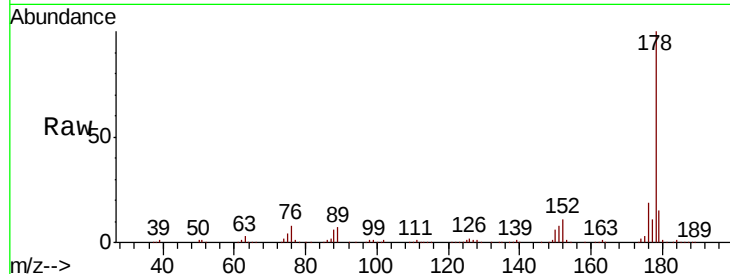




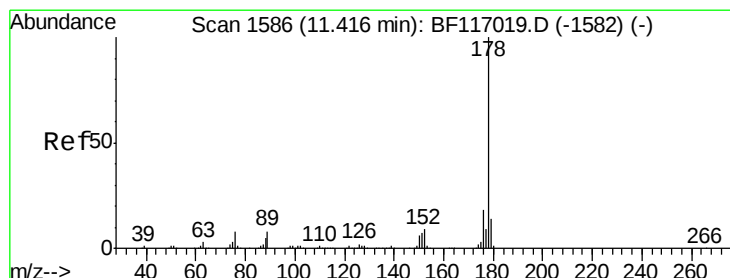
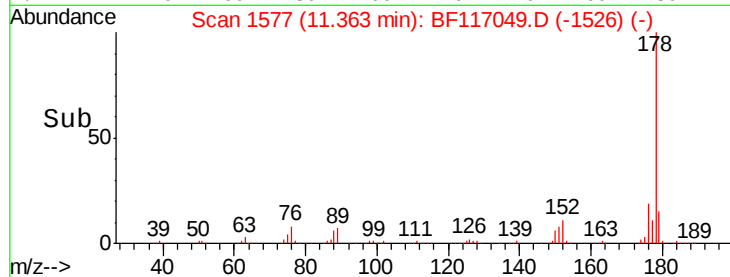
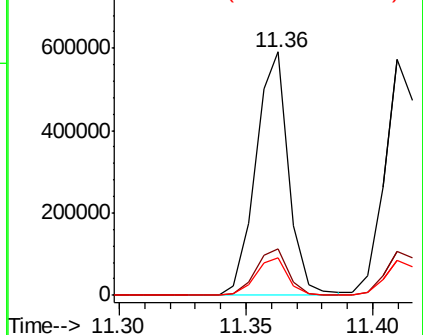
#71
Phenanthrene
Concen: 38.219 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

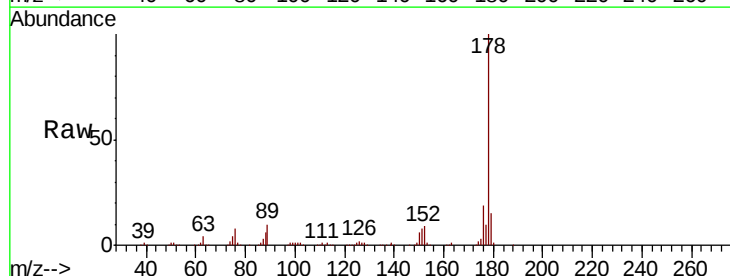


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

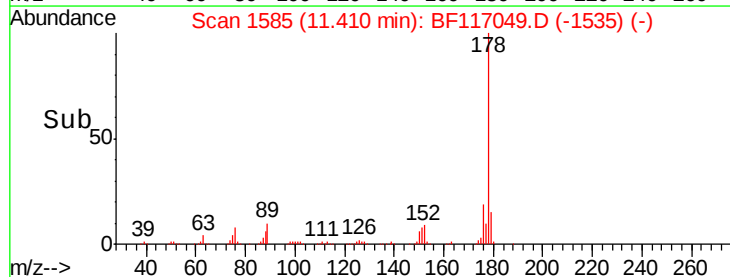
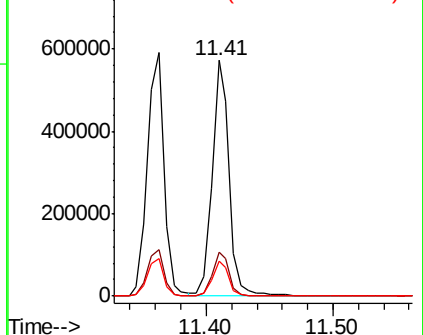


#72
Anthracene
Concen: 38.115 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

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

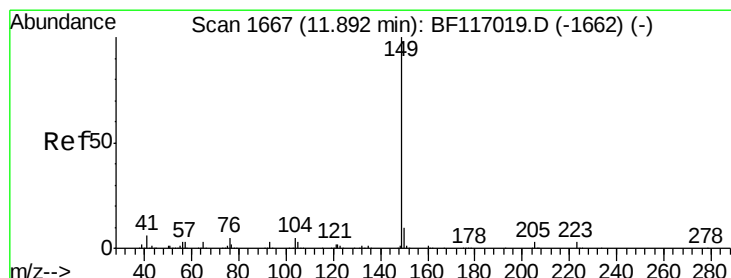
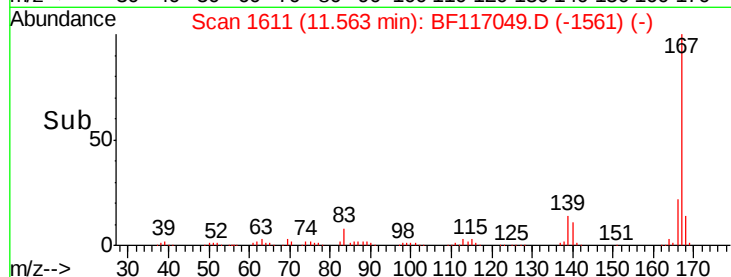
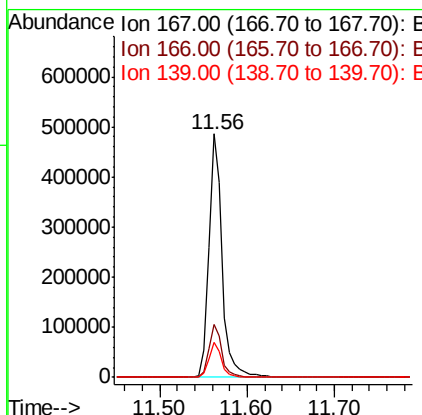
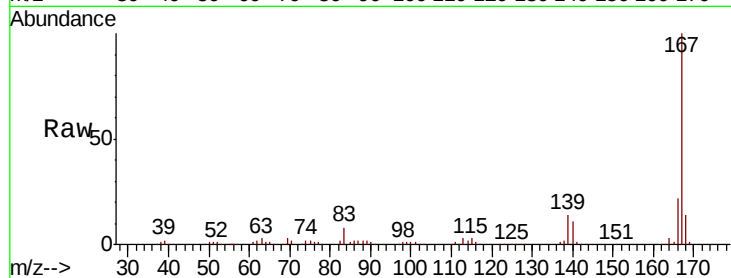




#73
 Carbazole
 Concen: 37.819 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF117049.D
 Acq: 16 Sep 2019 8:31

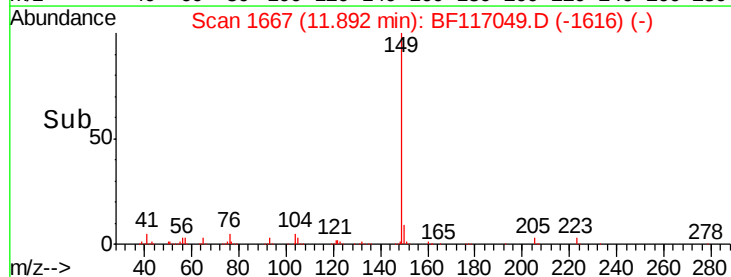
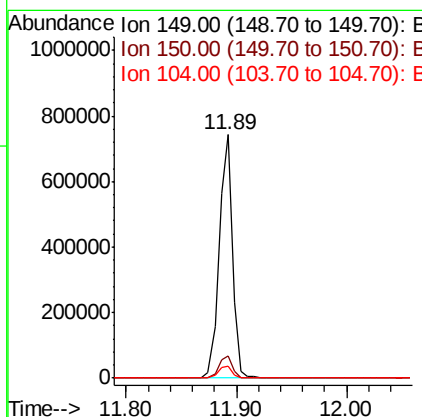
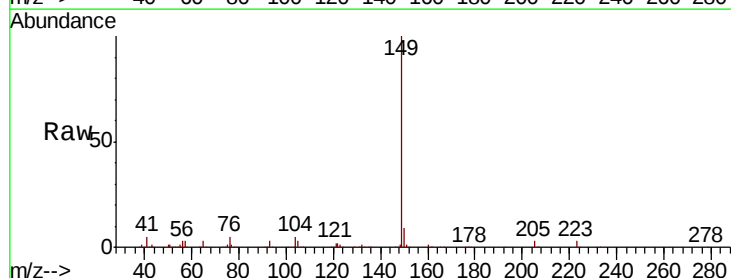
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

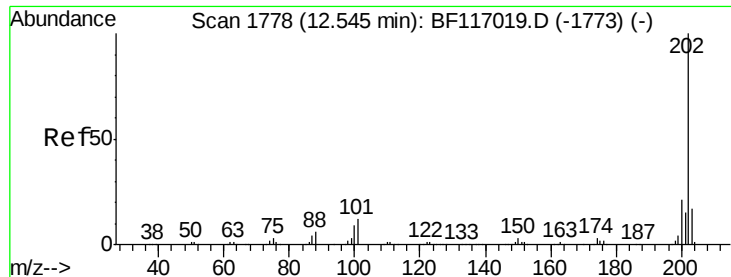
Tot Ion:167 Resp: 509113
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 14.4 10.6 16.0



#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:149 Resp: 619680
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.7 11.5
 104 5.0 4.2 6.4

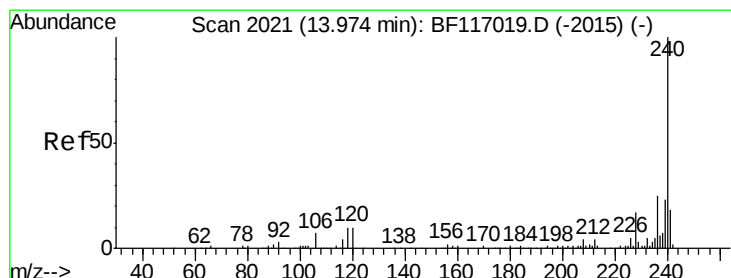
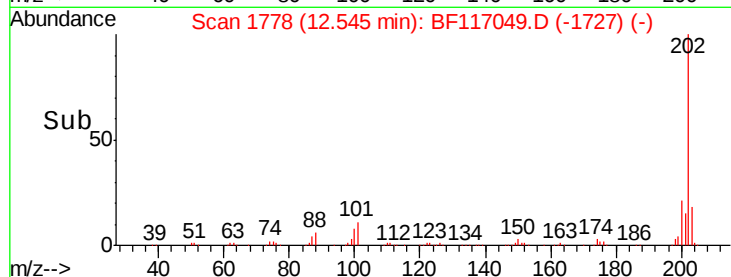
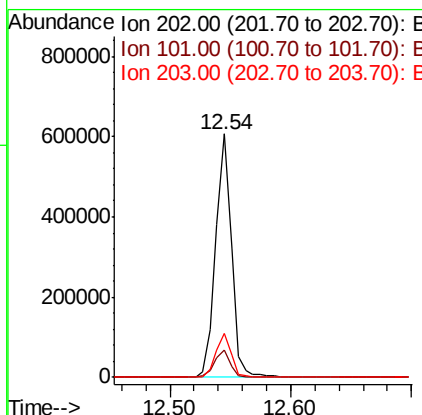
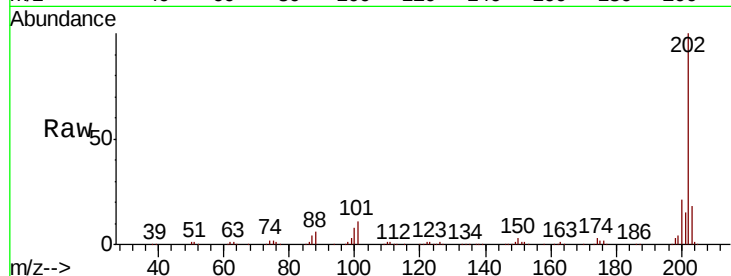




#75
Fluoranthene
 Concen: 38.119 ng
 RT: 12.54 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BF117049.D
 Acq: 16 Sep 2019 8:31

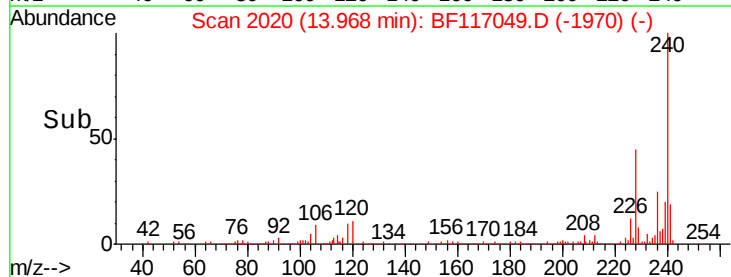
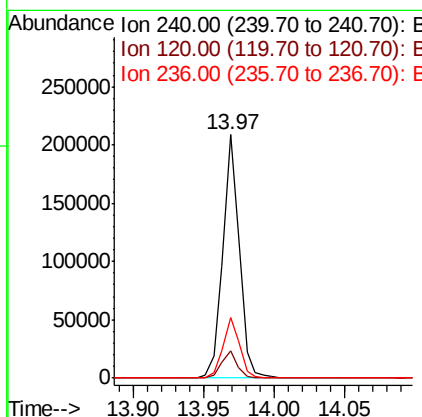
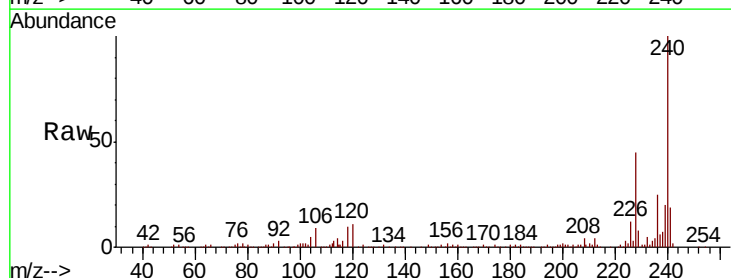
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

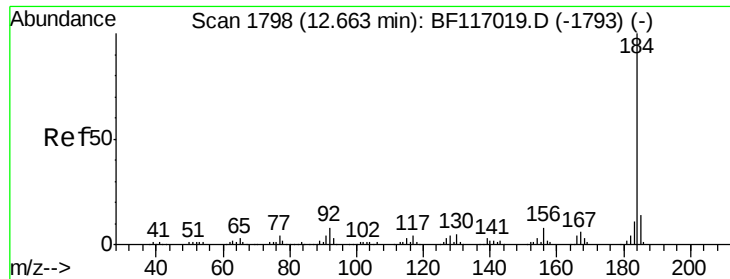
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	32.3
203	18.0	0.0	37.1



#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	Ratio	Lower	Upper
240	100		
120	11.4	8.3	12.5
236	25.1	20.3	30.5





#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 :

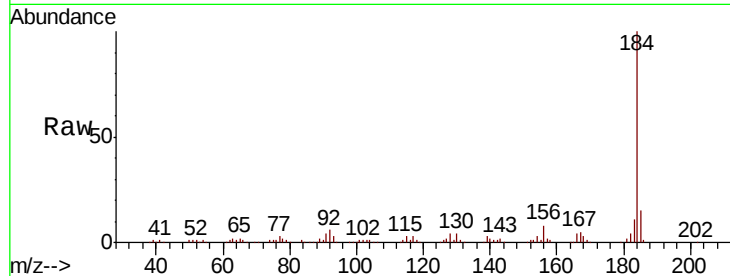
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 226206

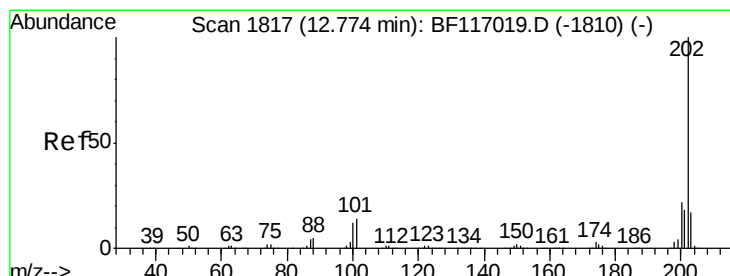
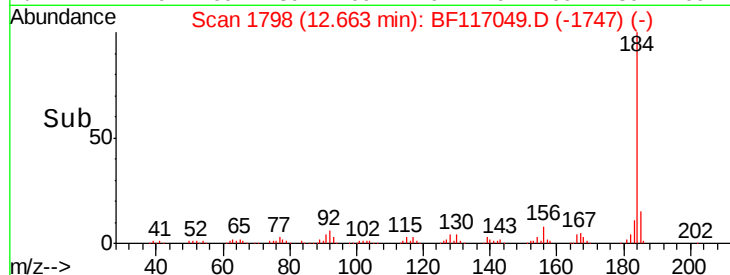
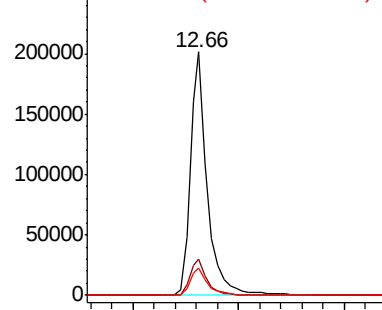
Ion	Ratio	Lower	Upper
184	100		
185	15.1	11.6	17.4
183	11.4	9.0	13.4



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

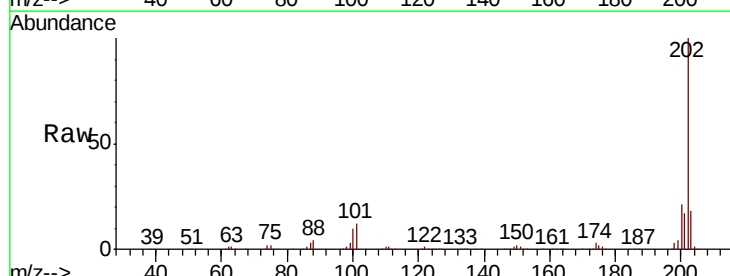
Delta R.T. 0.00 min

Lab File: BF117049.D

Acq: 16 Sep 2019 8:31

Tgt Ion:202 Resp: 548286

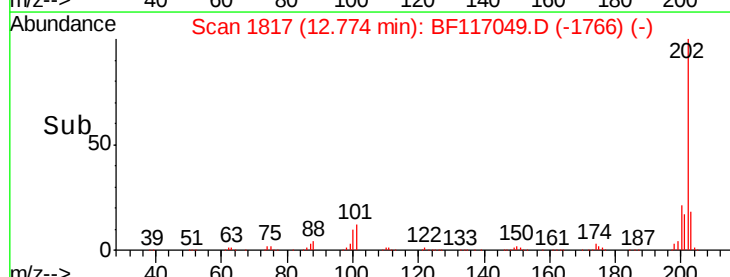
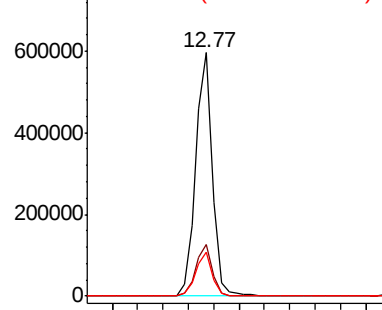
Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.2	25.8
203	17.8	14.0	21.0

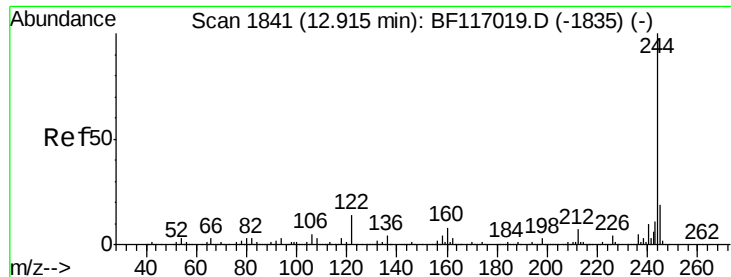


Abundance Ion 202.00 (201.70 to 202.70): E

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

ClientSampleId :

SSTDCCC040

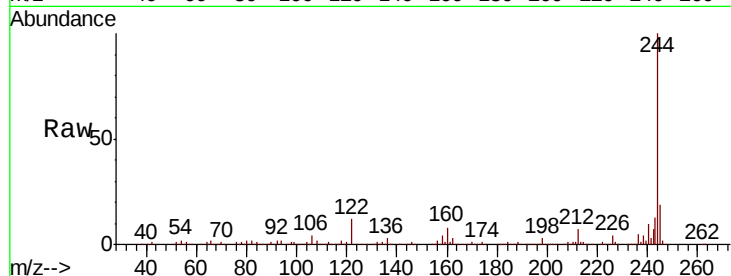
Tot Ion:244 Resp: 723438

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

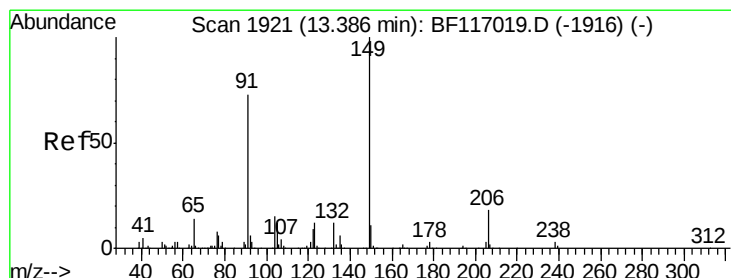
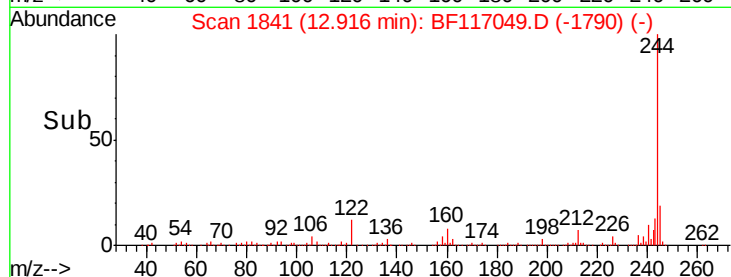
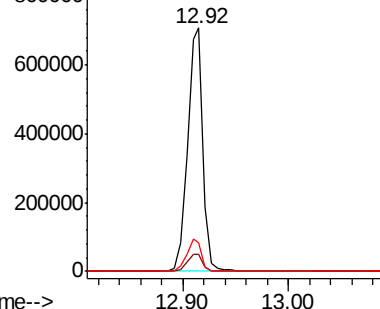
122 11.7 11.3 16.9



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

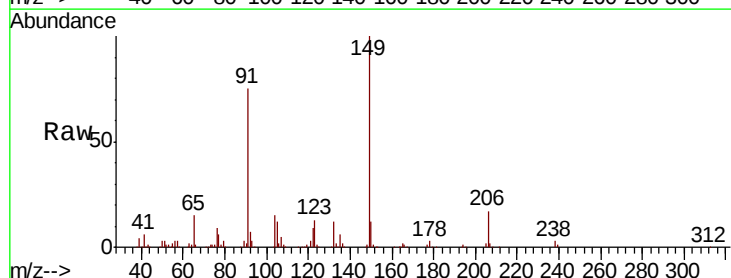
Tgt Ion:149 Resp: 260859

Ion Ratio Lower Upper

149 100

91 75.5 58.8 88.2

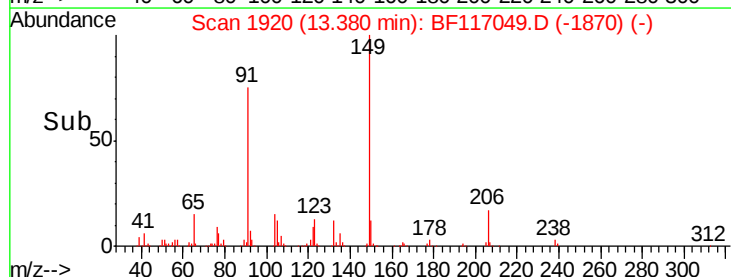
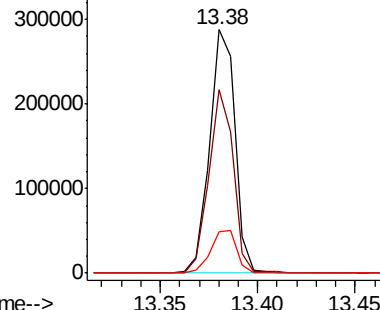
206 17.2 14.1 21.1

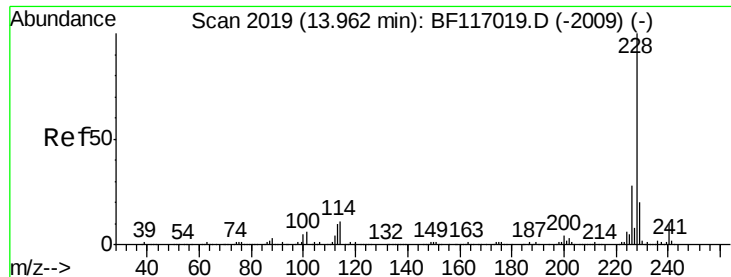


Abundance Ion 149.00 (148.70 to 149.70): E

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

ClientSampleId :

SSTDCCC040

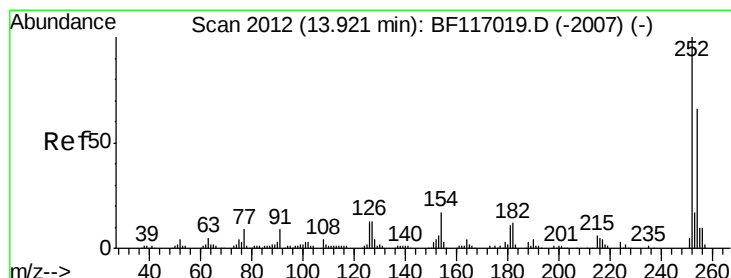
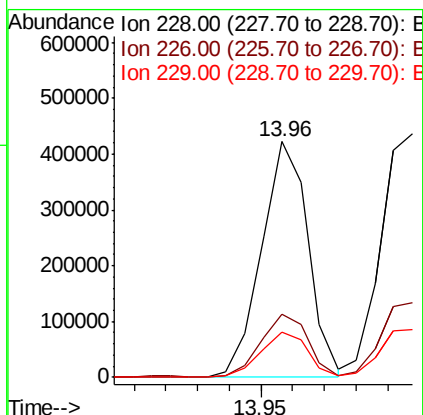
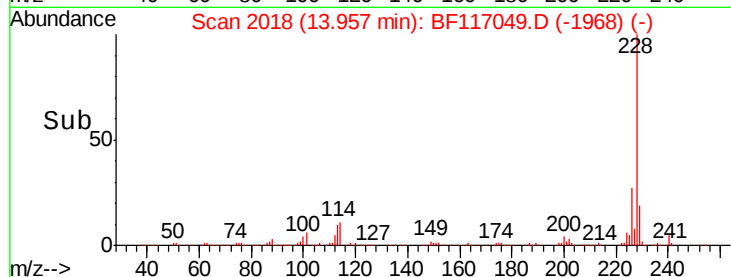
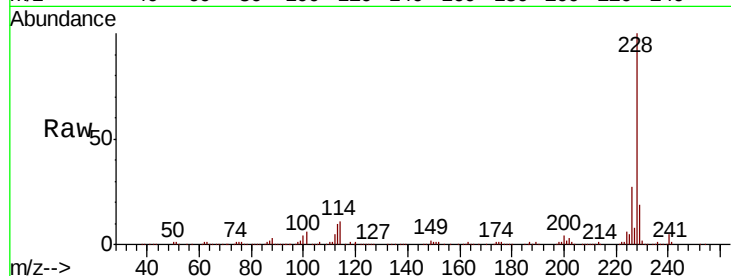
Tot Ion:228 Resp: 432465

Ion Ratio Lower Upper

228 100

226 26.5 22.3 33.5

229 19.3 15.9 23.9



#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

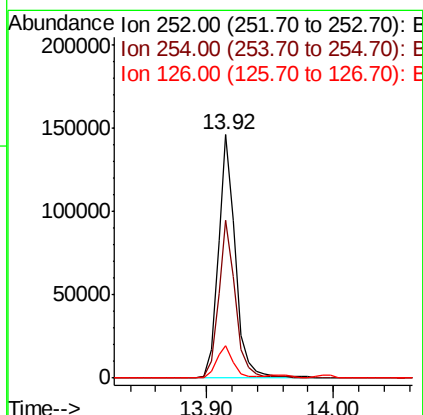
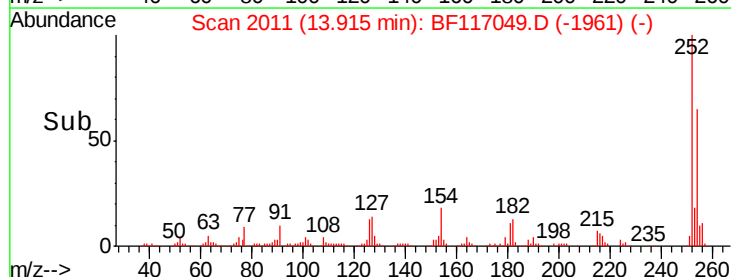
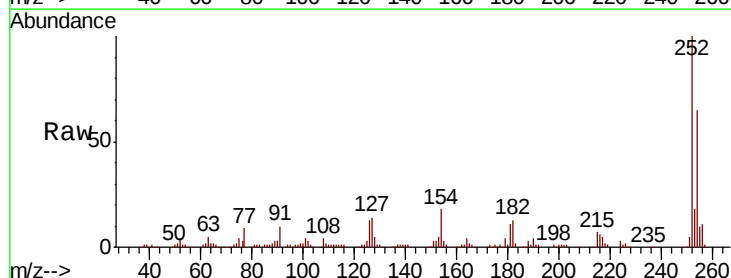
Tgt Ion:252 Resp: 137344

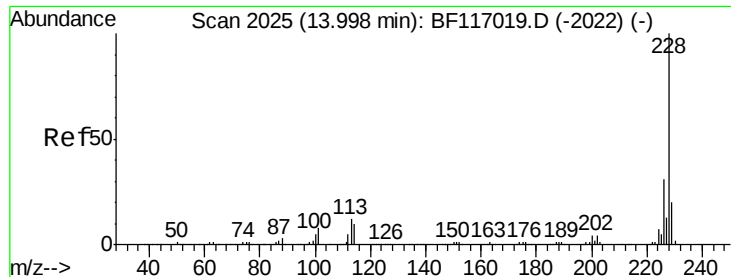
Ion Ratio Lower Upper

252 100

254 64.7 52.6 79.0

126 13.5 10.4 15.6





#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

ClientSampleId :

SSTDCCC040

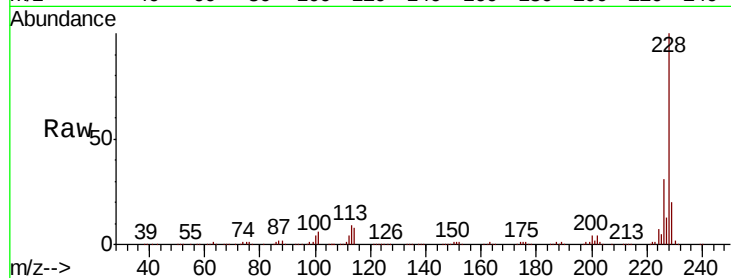
Tot Ion:228 Resp: 416958

Ion Ratio Lower Upper

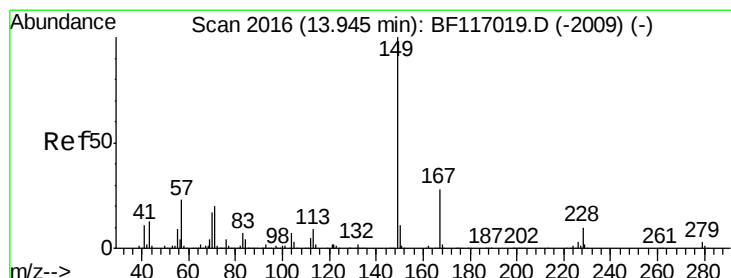
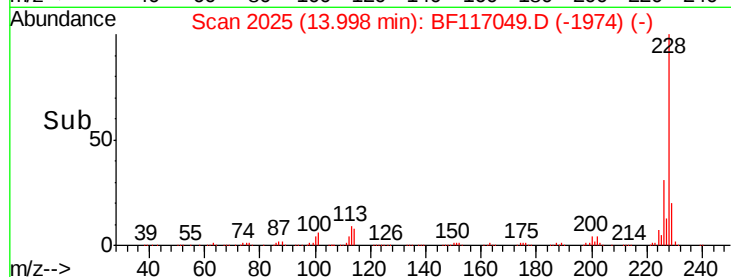
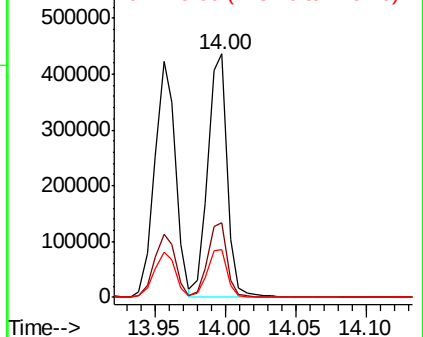
228 100

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

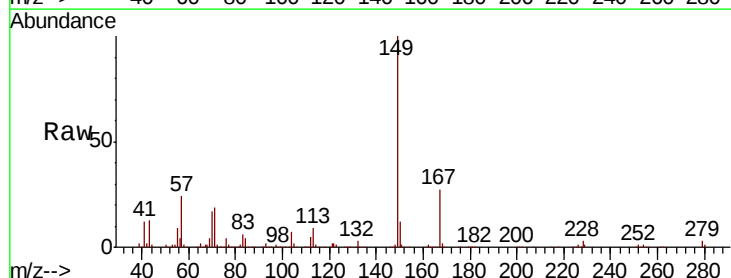
Tgt Ion:149 Resp: 336266

Ion Ratio Lower Upper

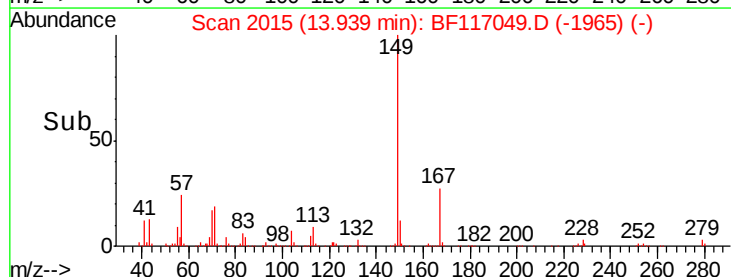
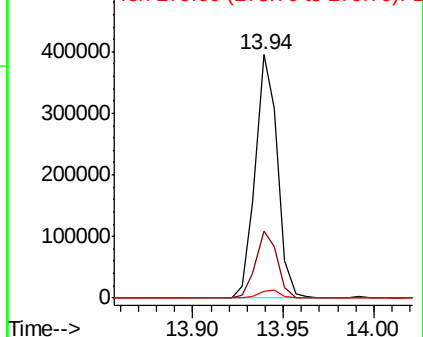
149 100

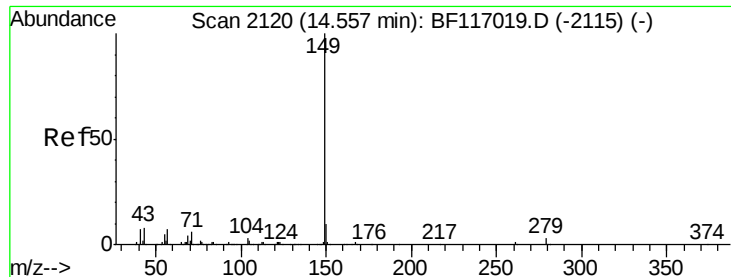
167 27.4 22.2 33.2

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

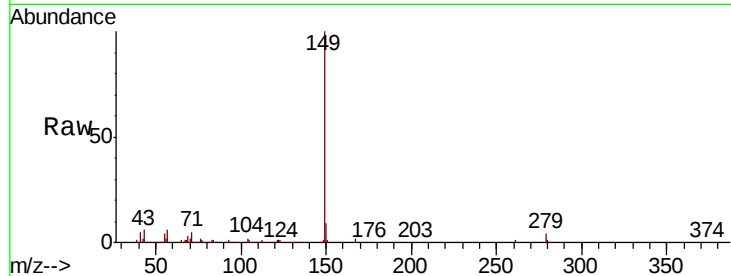




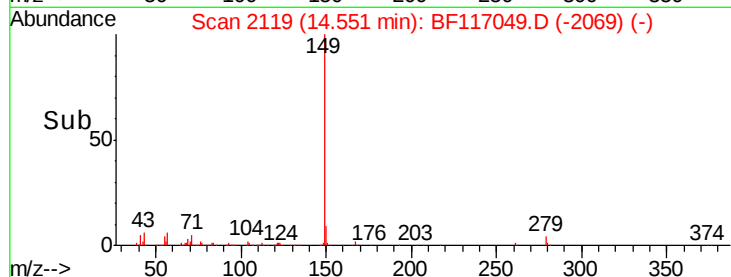
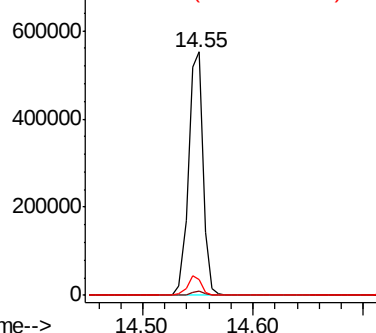
#85
Di-n-octyl phthalate
Concen: 36.863 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

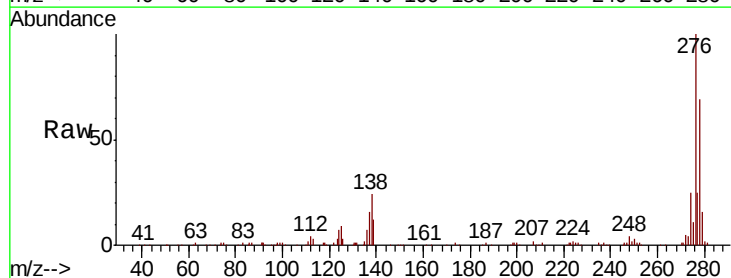


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

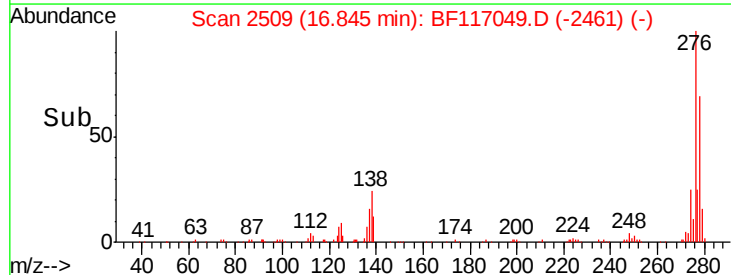
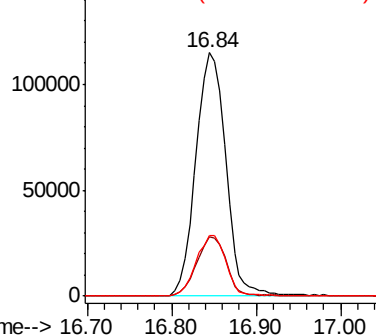


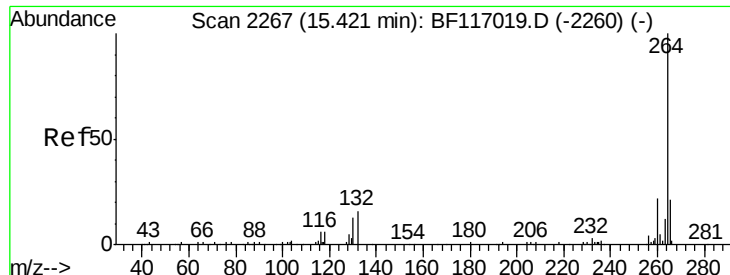
#86
Indeno(1,2,3-cd)pyrene
Concen: 34.747 ng
RT: 16.84 min Scan# 2509
Delta R.T. -0.02 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

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



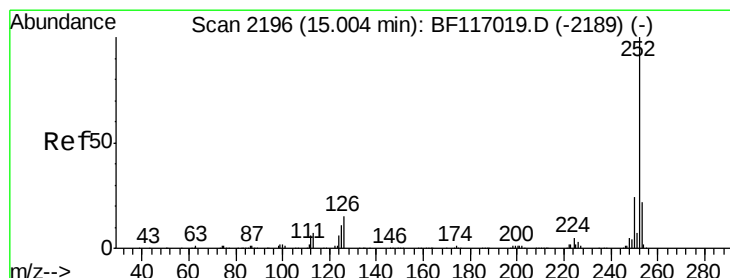
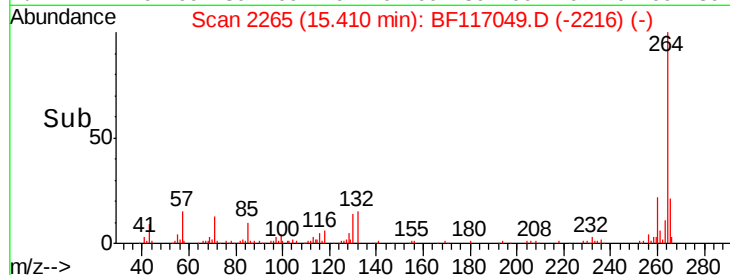
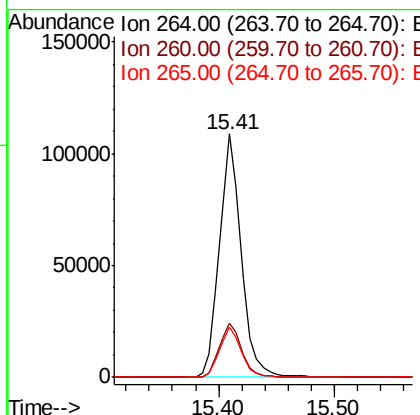
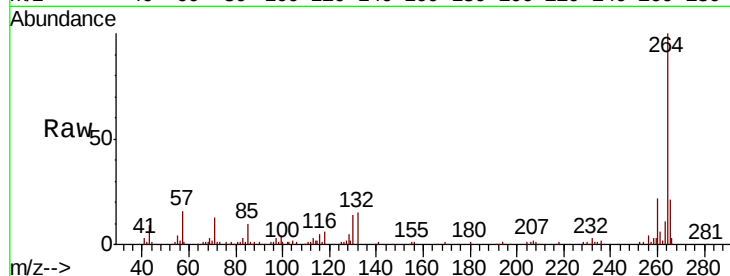


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 142572

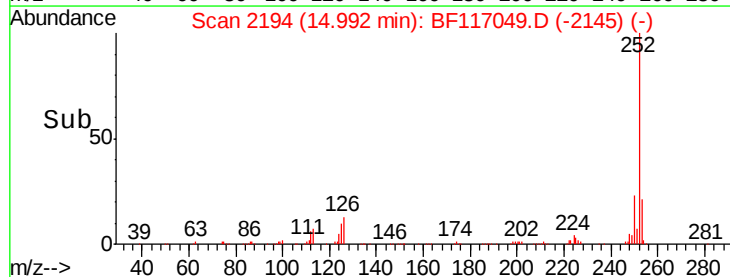
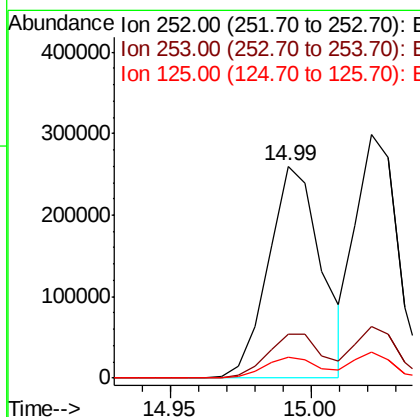
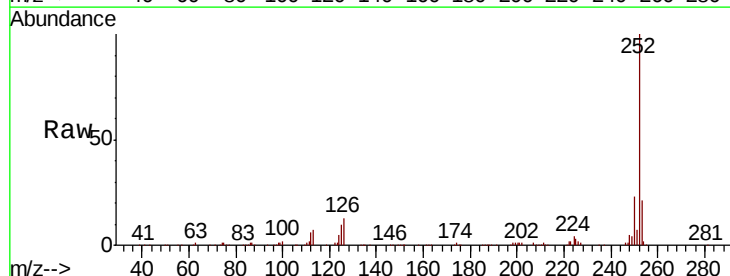
Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.6	26.4
265	20.9	16.6	24.8



#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:252 Resp: 339153

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

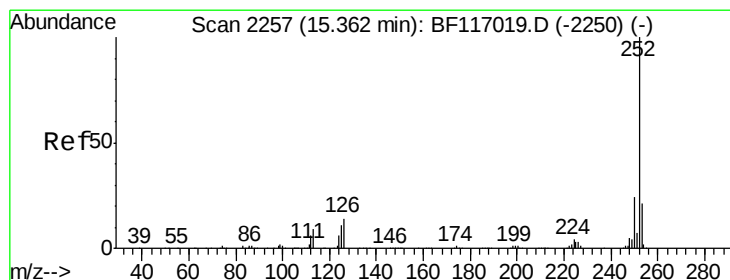
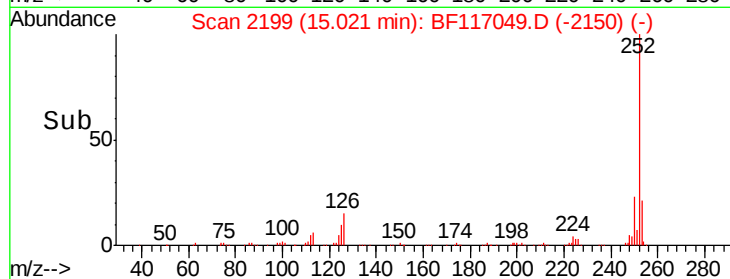
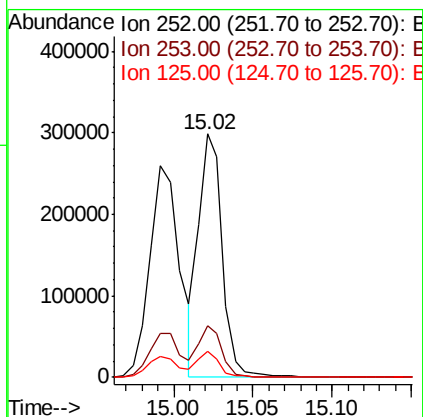
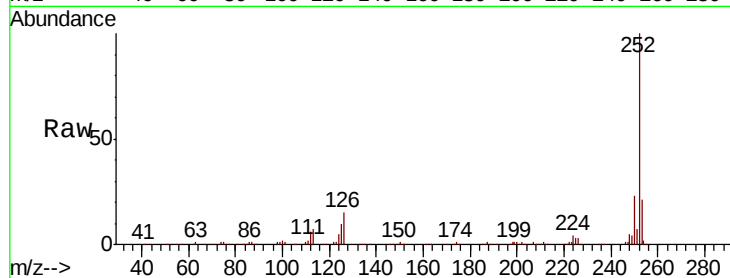




#89
Benzo(k)fluoranthene
Concen: 38.086 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

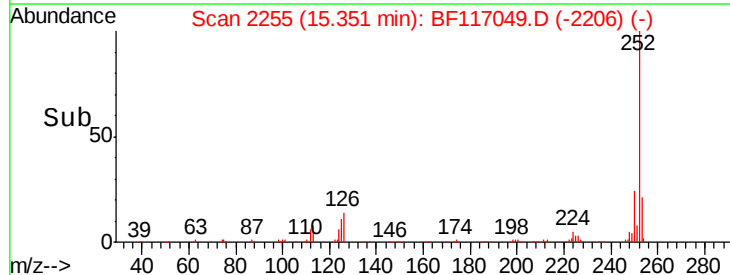
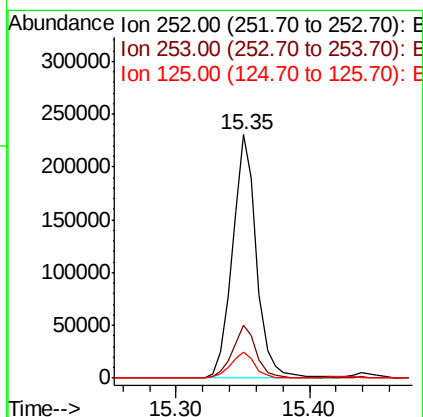
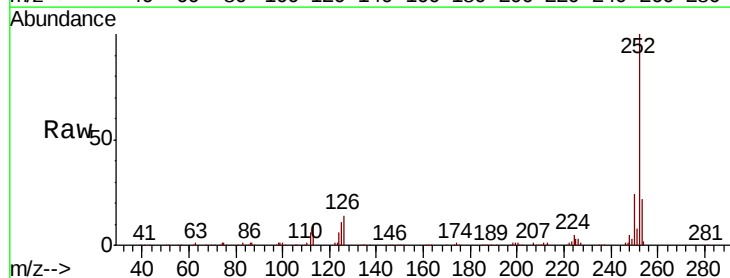
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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



#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

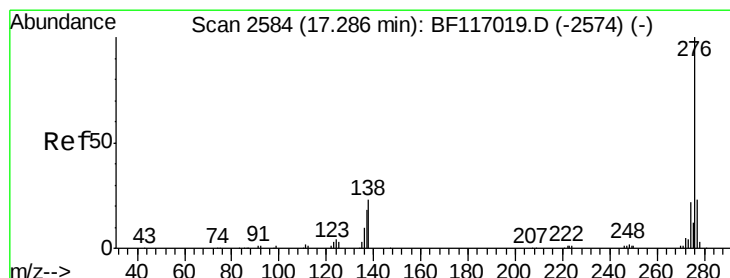
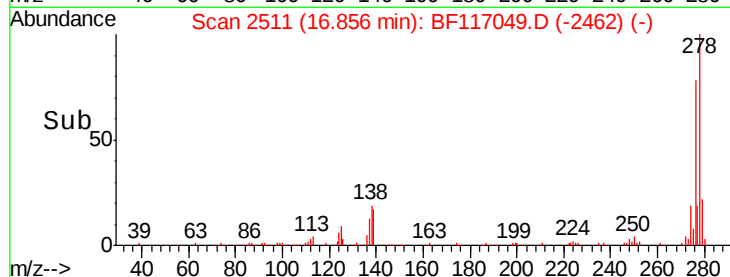
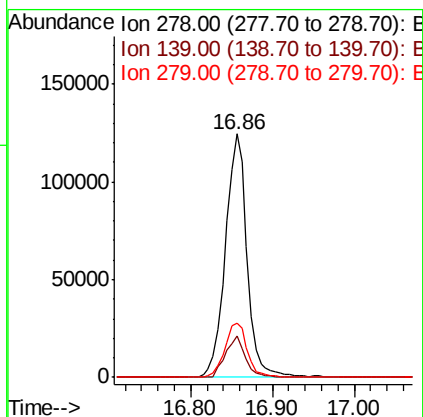
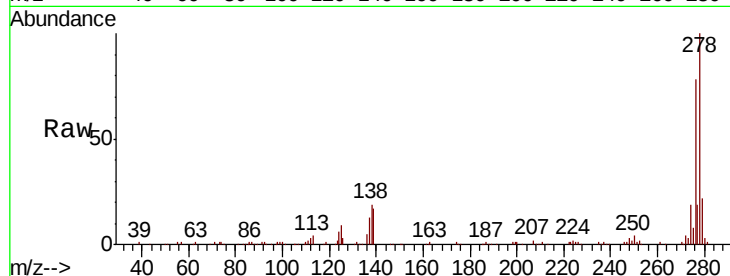




#91
Dibenzo(a,h)anthracene
Concen: 37.978 ng
RT: 16.86 min Scan# 2511
Delta R.T. -0.01 min
Lab File: BF117049.D
Acq: 16 Sep 2019 8:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

