

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
 Data File : BF114848.D
 Acq On : 6 Jun 2019 8:39
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 06 15:46:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	335875	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	1373348	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	694692	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1343774	20.00	ng	0.00
76) Chrysene-d12	13.80	240	791587	20.00	ng	0.01
87) Perylene-d12	15.20	264	981926	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.27	112	1617328	84.14	ng	0.01
7) Phenol-d6	6.31	99	1976530	84.51	ng	0.00
23) Nitrobenzene-d5	7.24	82	1808416	81.06	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	621716	83.05	ng	0.01
45) 2-Fluorobiphenyl	9.03	172	3225821	86.99	ng	0.00
79) Terphenyl-d14	12.76	244	3266354	80.25	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.30	88	378398	41.232	ng	99
3) Pyridine	2.99	79	1080259	42.830	ng	99
4) n-Nitrosodimethylamine	2.93	42	378680	41.023	ng	96
6) Aniline	6.33	93	1367415	41.202	ng	94
8) 2-Chlorophenol	6.46	128	941050	42.372	ng	99
9) Benzaldehyde	6.22	77	674568	41.578	ng	97
10) Phenol	6.33	94	1106297	41.361	ng	100
11) bis(2-Chloroethyl)ether	6.41	93	880054	42.159	ng	96
12) 1,3-Dichlorobenzene	6.62	146	1083781	41.878	ng	100
13) 1,4-Dichlorobenzene	6.69	146	1079372	41.450	ng	100
14) 1,2-Dichlorobenzene	6.85	146	1003700	42.679	ng	99
15) Benzyl Alcohol	6.82	79	761600	43.059	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1276791	42.767	ng	99
17) 2-Methylphenol	6.93	107	781358	41.159	ng	99
18) Hexachloroethane	7.19	117	400267	40.838	ng	99
19) n-Nitroso-di-n-propylamine	7.10	70	621027	40.111	ng	99
20) 3+4-Methylphenols	7.09	107	875347	41.805	ng	94
22) Acetophenone	7.09	105	1218274	40.292	ng	# 98
24) Nitrobenzene	7.26	77	953380	41.250	ng	97
25) Isophorone	7.50	82	1771892	40.174	ng	98
26) 2-Nitrophenol	7.57	139	523024	41.782	ng	99
27) 2,4-Dimethylphenol	7.62	122	784650	41.241	ng	99
28) bis(2-Chloroethoxy)methane	7.71	93	1167687	41.417	ng	100
29) 2,4-Dichlorophenol	7.82	162	821835	41.057	ng	99
30) 1,2,4-Trichlorobenzene	7.90	180	945088	41.149	ng	99
31) Naphthalene	7.98	128	2615681	42.305	ng	99
32) Benzoic acid	7.75	122	492425	35.536	ng	99
33) 4-Chloroaniline	8.03	127	1238650	41.994	ng	99
34) Hexachlorobutadiene	8.10	225	538173	41.214	ng	99
35) Caprolactam	8.41	113	273687	41.855	ng	99
36) 4-Chloro-3-methylphenol	8.51	107	826752	41.507	ng	98
37) 2-Methylnaphthalene	8.67	142	1801994	42.019	ng	99
38) 1-Methylnaphthalene	8.76	142	1698936	41.774	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.84	216	824724	41.195	ng	99

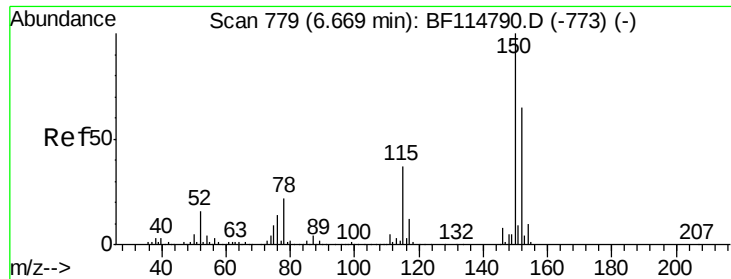
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	448252	36.918	ng	100
43) 2,4,6-Trichlorophenol	8.95	196	629469	40.435	ng	98
44) 2,4,5-Trichlorophenol	8.99	196	637360	40.654	ng	96
46) 1,1'-Biphenyl	9.13	154	2121256	41.200	ng	98
47) 2-Chloronaphthalene	9.15	162	1791960	40.959	ng	99
48) 2-Nitroaniline	9.25	65	538420	41.240	ng	99
49) Acenaphthylene	9.56	152	2655527	41.856	ng	99
50) Dimethylphthalate	9.43	163	2112265	41.631	ng	99
51) 2,6-Dinitrotoluene	9.49	165	484237	40.582	ng	99
52) Acenaphthene	9.74	154	1708418	41.107	ng	99
53) 3-Nitroaniline	9.66	138	586715	42.091	ng	98
54) 2,4-Dinitrophenol	9.76	184	220288	40.798	ng	95
55) Dibenzofuran	9.91	168	2323135	40.199	ng	99
56) 4-Nitrophenol	9.82	139	423007	41.414	ng	99
57) 2,4-Dinitrotoluene	9.89	165	638604	42.573	ng	94
58) Fluorene	10.25	166	1651769	44.491	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.03	232	530749	41.321	ng	100
60) Diethylphthalate	10.13	149	2135910	41.952	ng	99
61) 4-Chlorophenyl-phenylether	10.25	204	851625	38.475	ng	98
62) 4-Nitroaniline	10.27	138	582286	43.068	ng	97
63) Azobenzene	10.40	77	1849694	42.681	ng	98
65) 4,6-Dinitro-2-methylphenol	10.30	198	281612	40.344	ng	92
66) n-Nitrosodiphenylamine	10.36	169	1647064	40.535	ng	100
67) 4-Bromophenyl-phenylether	10.73	248	620144	40.633	ng	93
68) Hexachlorobenzene	10.80	284	673309	40.311	ng	94
69) Atrazine	10.89	200	593777	42.017	ng	98
70) Pentachlorophenol	10.99	266	399311	41.354	ng	98
71) Phenanthrene	11.20	178	2679992	41.777	ng	100
72) Anthracene	11.26	178	2706442	40.088	ng	99
73) Carbazole	11.41	167	2437561	42.118	ng	98
74) Di-n-butylphthalate	11.75	149	3171811	41.668	ng	100
75) Fluoranthene	12.39	202	2701719	40.464	ng	99
77) Benzidine	12.50	184	1756153	44.814	ng	98
78) Pyrene	12.61	202	2750472	40.053	ng	100
80) Butylbenzylphthalate	13.24	149	1456856	42.012	ng	97
81) Benzo(a)anthracene	13.79	228	2398445	39.319	ng	99
82) 3,3'-Dichlorobenzidine	13.76	252	1037891	41.961	ng	99
83) Chrysene	13.83	228	2396230	40.381	ng	100
84) Bis(2-ethylhexyl)phthalate	13.80	149	1757748	40.086	ng	100
85) Di-n-octyl phthalate	14.42	149	3186584	42.769	ng	100
86) Indeno(1,2,3-cd)pyrene	16.52	276	2349329	34.698	ng	99
88) Benzo(b)fluoranthene	14.82	252	2598747	41.573	ng	98
89) Benzo(k)fluoranthene	14.84	252	2119429	39.925	ng	100
90) Benzo(a)pyrene	15.14	252	2208644	40.821	ng	100
91) Dibenzo(a,h)anthracene	16.54	278	1928569	37.639	ng	99
92) Benzo(g,h,i)perylene	16.92	276	1858283	36.065	ng	99

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

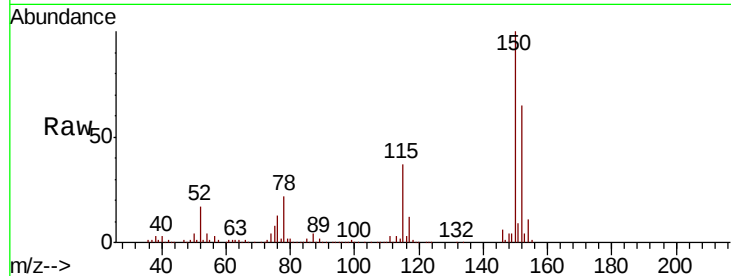


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. 0.01 min
Lab File: BF114848.D
Acq: 6 Jun 2019 8:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	152	Resp	335875
Ion Ratio	100	Lower	Upper
150	154.8	124.0	186.0
115	57.6	46.3	69.5

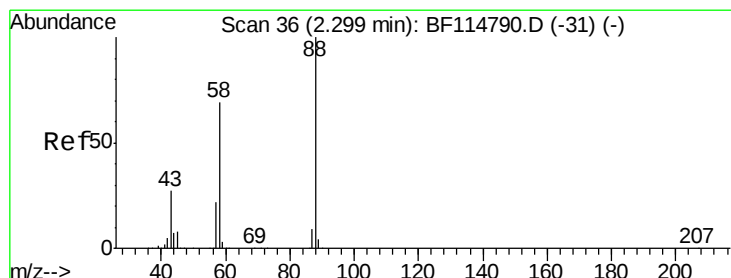
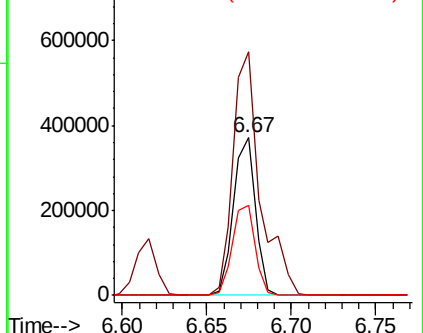
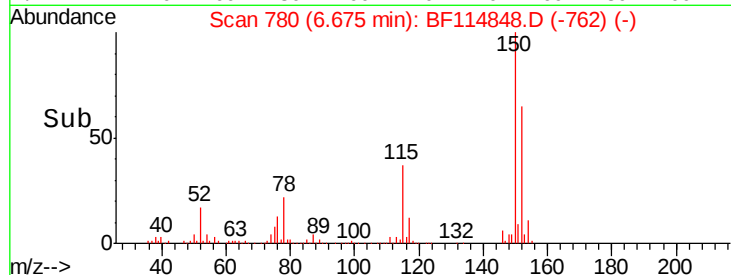


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

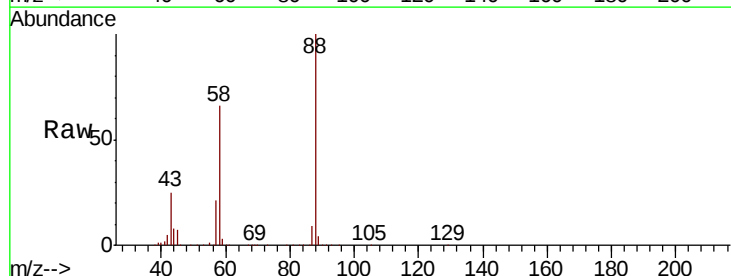
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.232 ng
RT: 2.30 min Scan# 37
Delta R.T. 0.01 min
Lab File: BF114848.D
Acq: 6 Jun 2019 8:39

Tgt Ion	88	Resp	378398
Ion Ratio	100	Lower	Upper
58	68.3	53.8	80.8
43	25.3	20.7	31.1

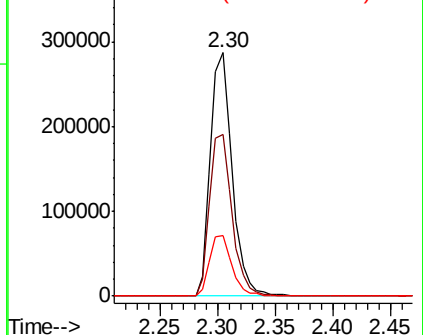
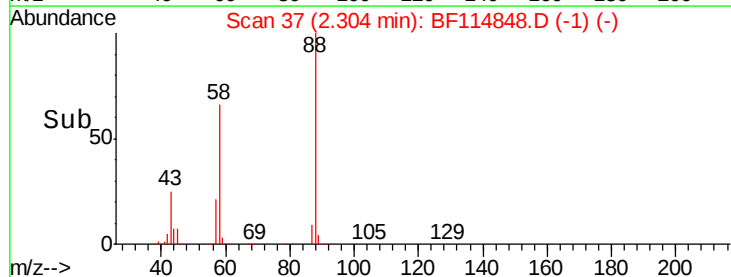


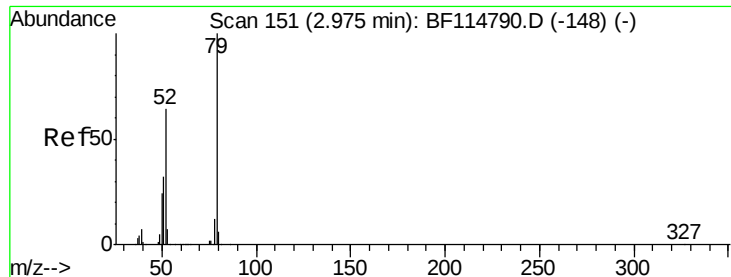
Abundance

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: 42.830 ng

RT: 2.99 min Scan# 153

Delta R.T. 0.01 min

Lab File: BF114848.D

Acq: 6 Jun 2019 8:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

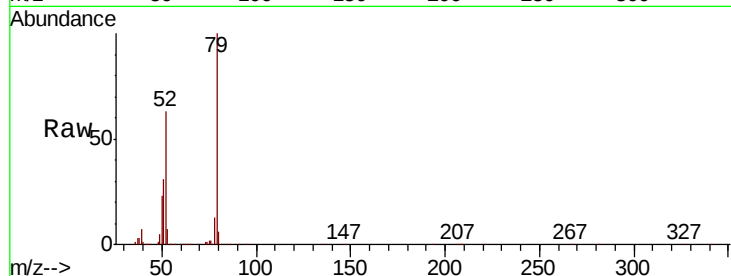
Tot Ion: 79 Resp: 1080259

Ion Ratio Lower Upper

79 100

52 63.4 51.0 76.4

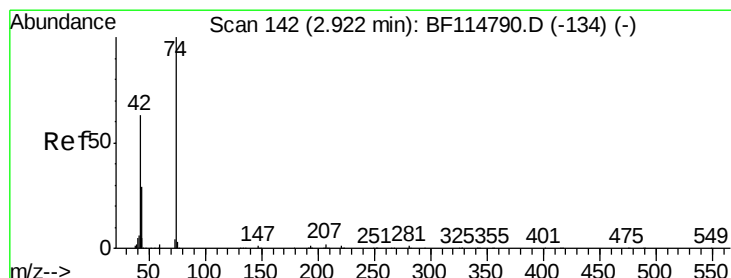
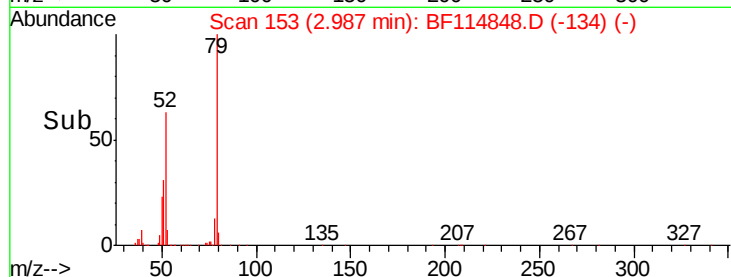
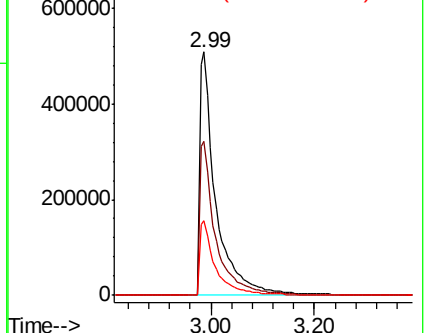
51 30.6 25.7 38.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 41.023 ng

RT: 2.93 min Scan# 143

Delta R.T. 0.01 min

Lab File: BF114848.D

Acq: 6 Jun 2019 8:39

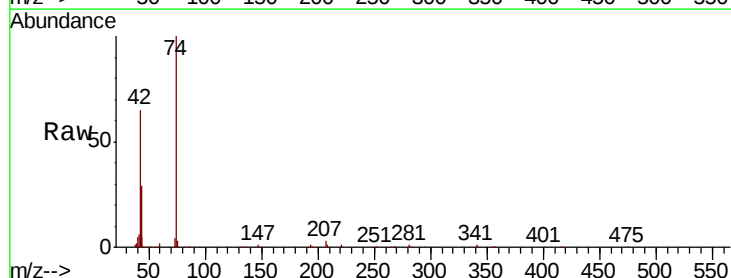
Tgt Ion: 42 Resp: 378680

Ion Ratio Lower Upper

42 100

74 152.9 126.2 189.2

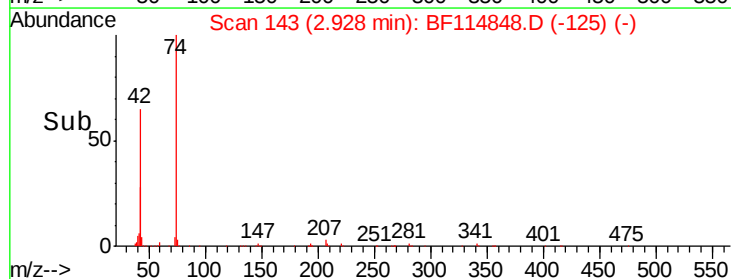
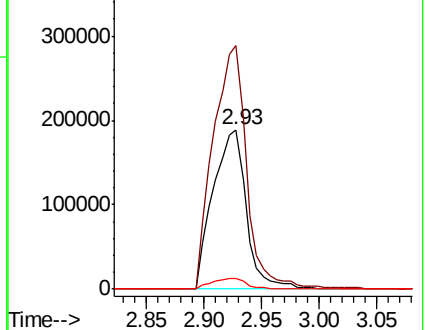
44 7.0 5.9 8.9

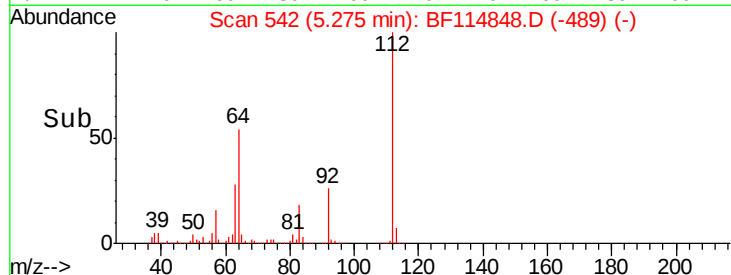
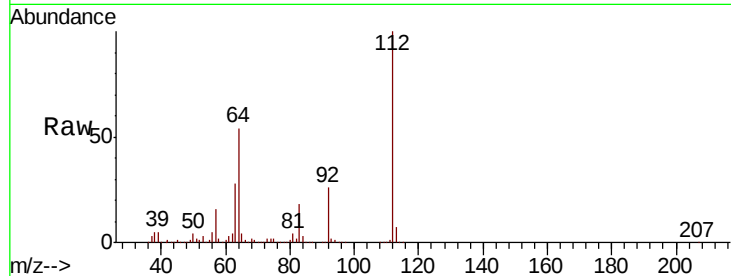
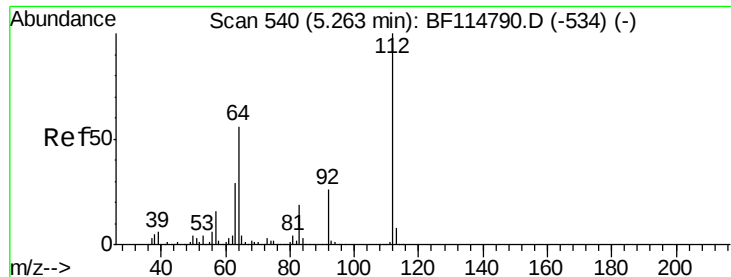


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 84.140 ng

RT: 5.27 min Scan# 542

Delta R.T. 0.01 min

Lab File: BF114848.D

Acq: 6 Jun 2019 8:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

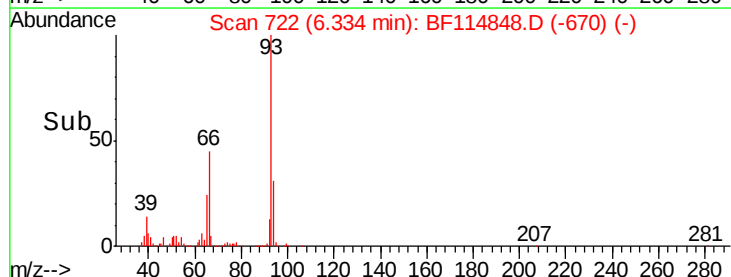
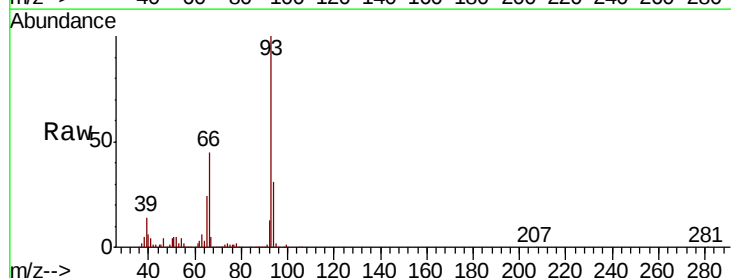
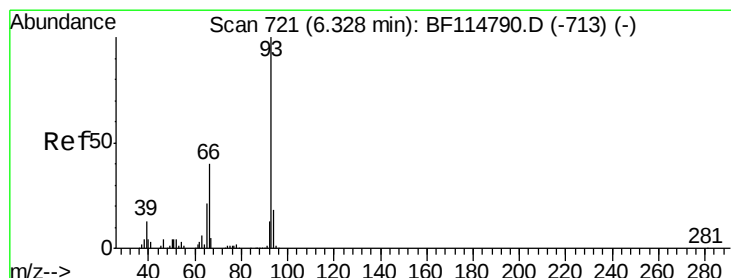
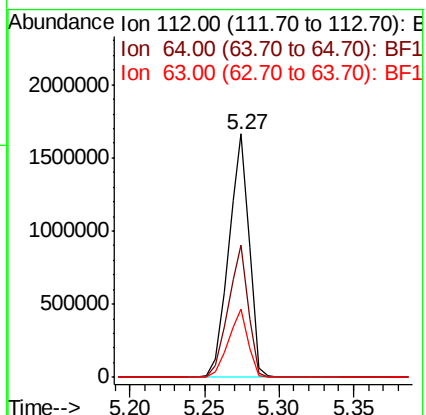
Tot Ion:112 Resp: 1617328

Ion Ratio Lower Upper

112 100

64 54.3 44.6 66.8

63 27.8 23.0 34.4



#6

Aniline

Concen: 41.202 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114848.D

Acq: 6 Jun 2019 8:39

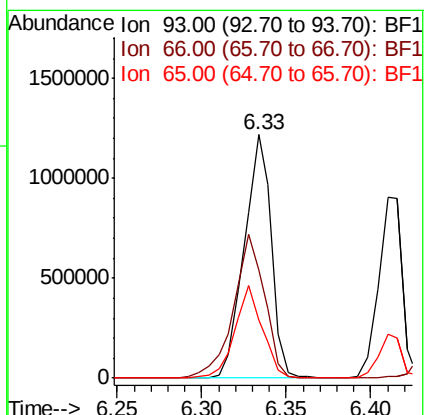
Tgt Ion: 93 Resp: 1367415

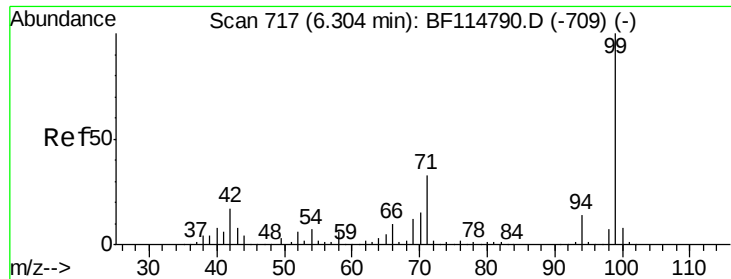
Ion Ratio Lower Upper

93 100

66 44.5 32.8 49.2

65 24.0 16.9 25.3





#7

Phenol-d6

Concen: 84.506 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BF114848.D

Acq: 6 Jun 2019 8:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

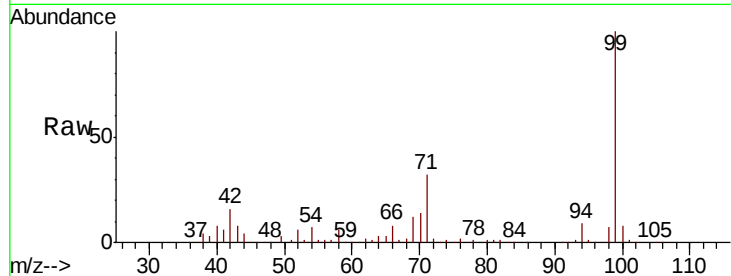
Tot Ion: 99 Resp: 1976530

Ion Ratio Lower Upper

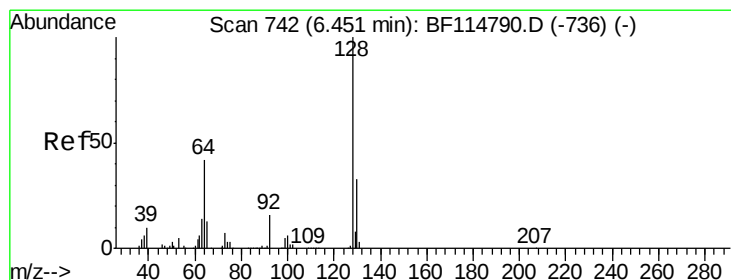
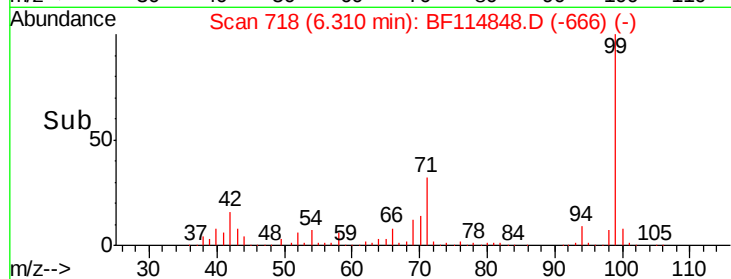
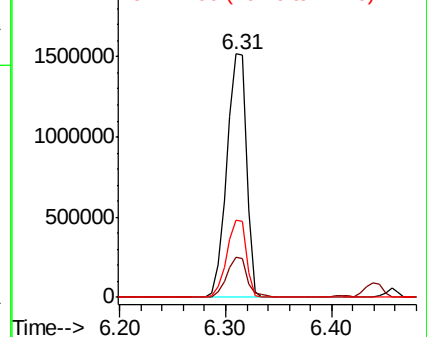
99 100

42 16.5 13.3 19.9

71 31.9 26.3 39.5



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: 42.372 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF114848.D

Acq: 6 Jun 2019 8:39

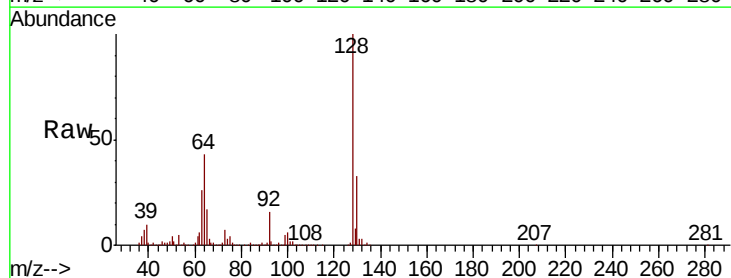
Tgt Ion: 128 Resp: 941050

Ion Ratio Lower Upper

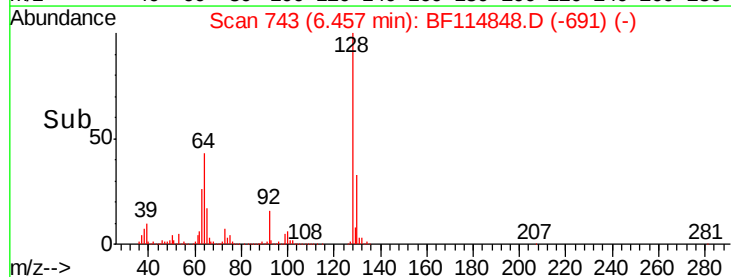
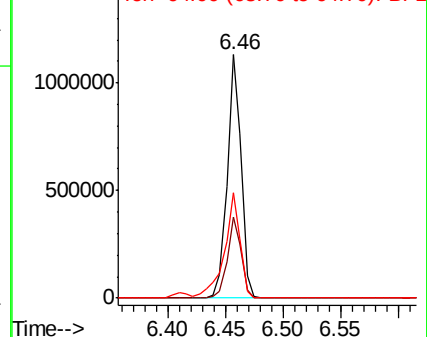
128 100

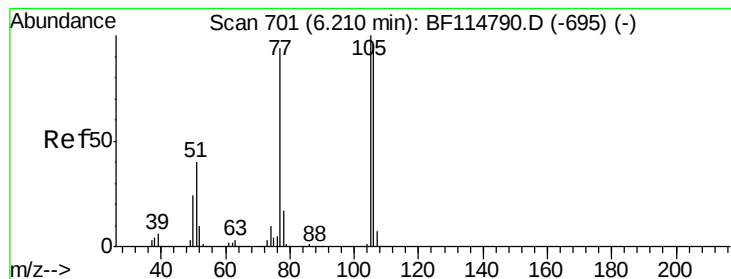
130 33.1 12.7 52.7

64 43.1 22.5 62.5



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: 41.578 ng

RT: 6.22 min Scan# 702

Delta R.T. 0.01 min

Lab File: BF114848.D

Acq: 6 Jun 2019 8:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

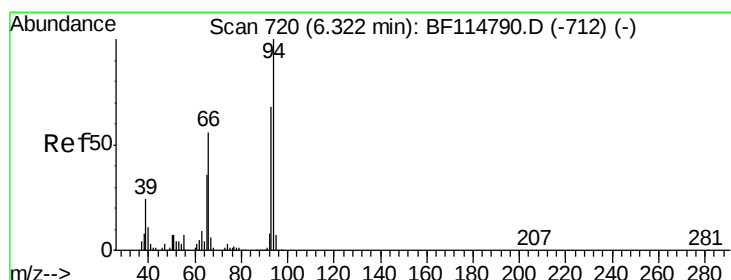
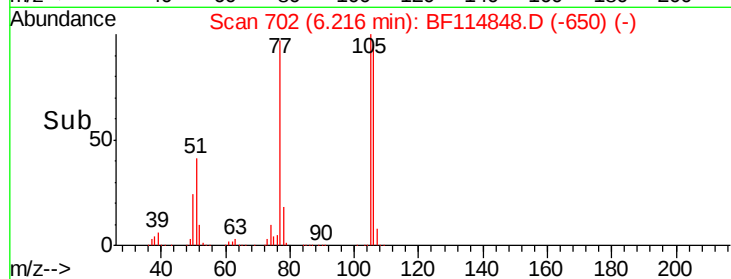
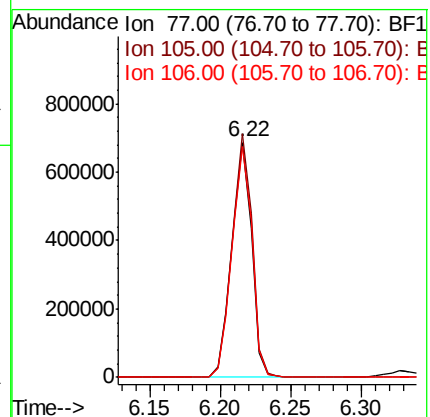
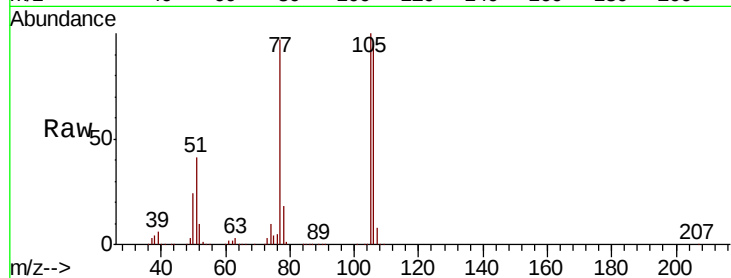
Tot Ion: 77 Resp: 674568

Ion Ratio Lower Upper

77 100

105 103.5 85.8 125.8

106 98.2 81.6 121.6



#10

Phenol

Concen: 41.361 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF114848.D

Acq: 6 Jun 2019 8:39

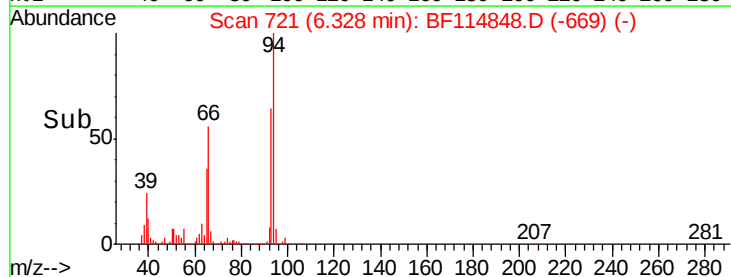
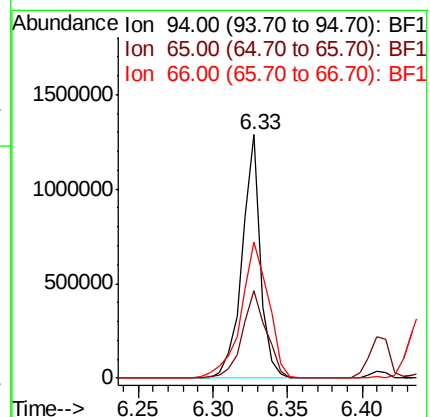
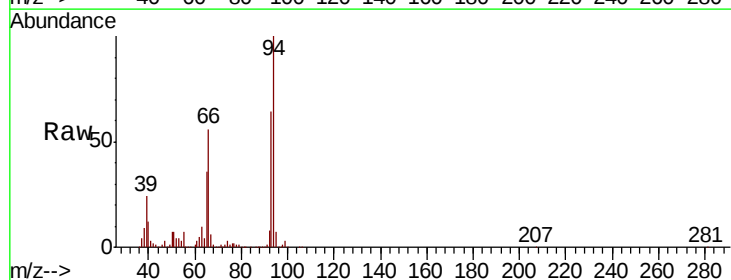
Tgt Ion: 94 Resp: 1106297

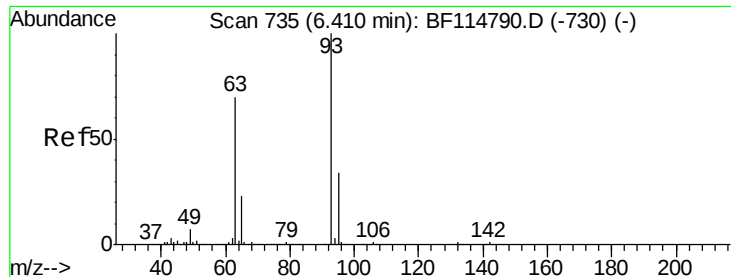
Ion Ratio Lower Upper

94 100

65 36.2 16.1 56.1

66 55.8 36.3 76.3

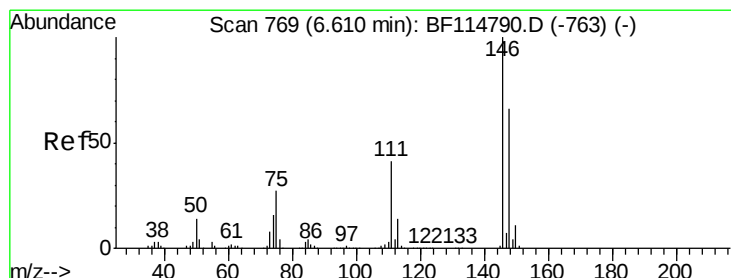
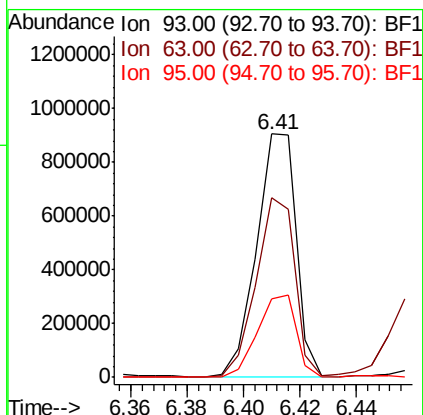
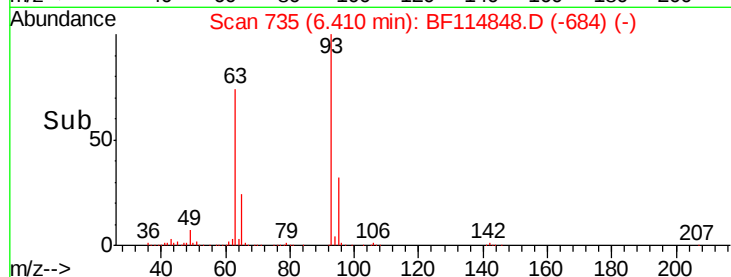
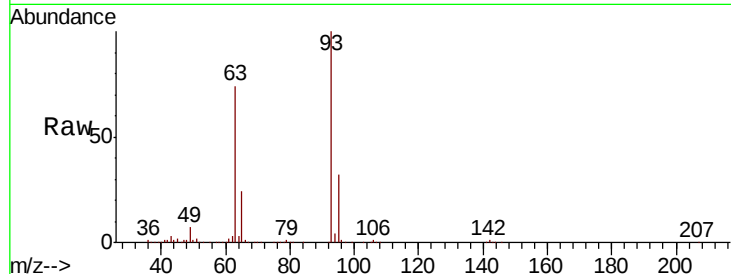




#11
bis(2-Chloroethyl)ether
Concen: 42.159 ng
RT: 6.41 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF114848.D
Acq: 6 Jun 2019 8:39

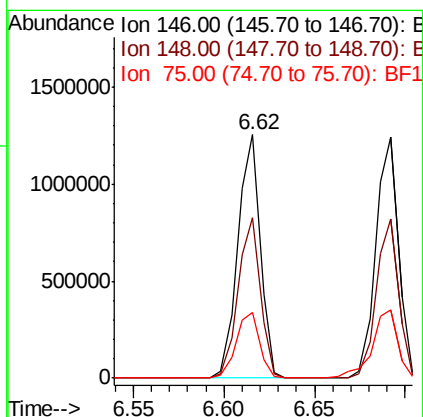
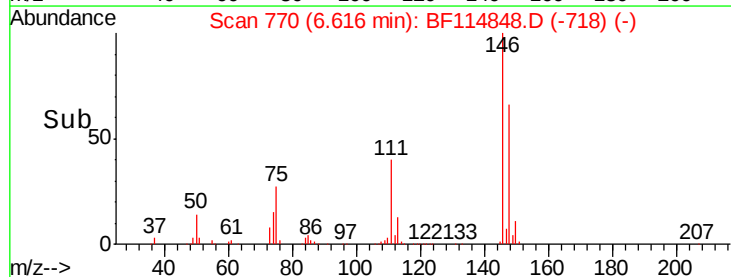
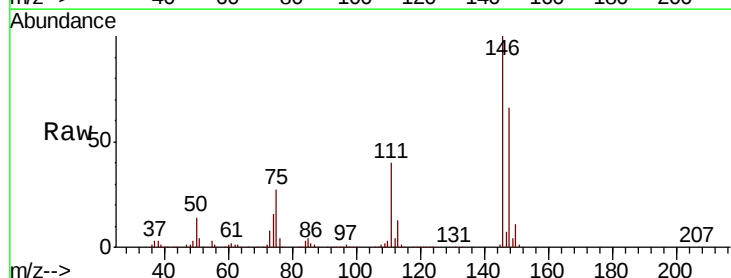
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

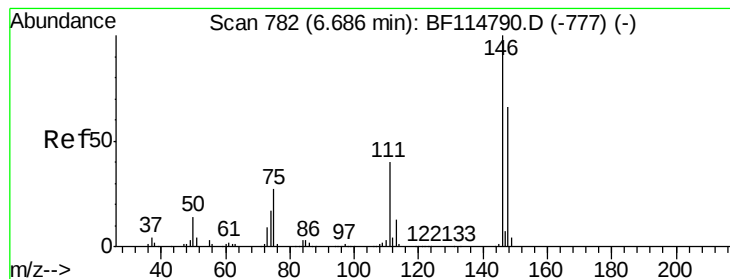
Tot Ion: 93 Resp: 880054
Ion Ratio Lower Upper
93 100
63 73.5 49.6 89.6
95 32.4 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 41.878 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.01 min
Lab File: BF114848.D
Acq: 6 Jun 2019 8:39

Tgt Ion: 146 Resp: 1083781
Ion Ratio Lower Upper
146 100
148 65.8 52.7 79.1
75 27.1 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 41.450 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF114848.D

Acq: 6 Jun 2019 8:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

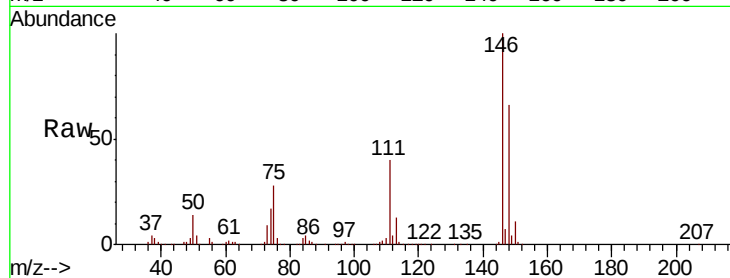
Tot Ion:146 Resp: 1079372

Ion Ratio Lower Upper

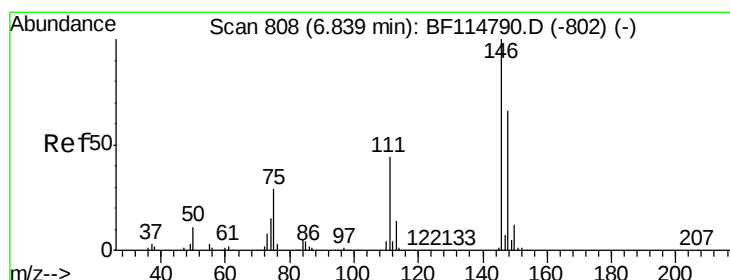
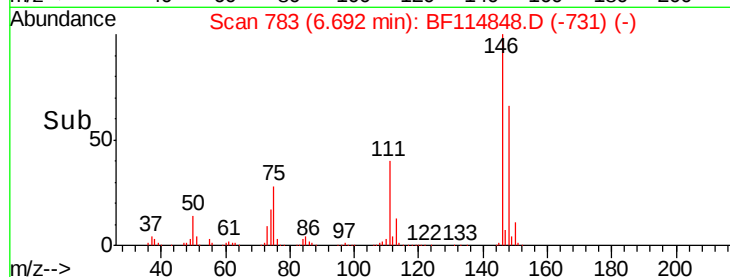
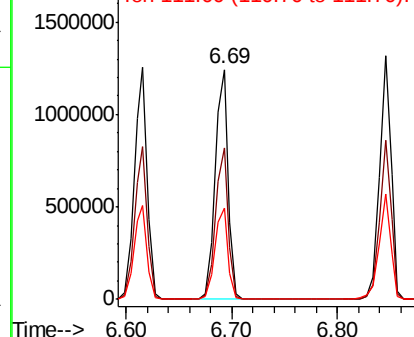
146 100

148 66.1 53.0 79.4

111 39.6 32.2 48.4



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: 42.679 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.01 min

Lab File: BF114848.D

Acq: 6 Jun 2019 8:39

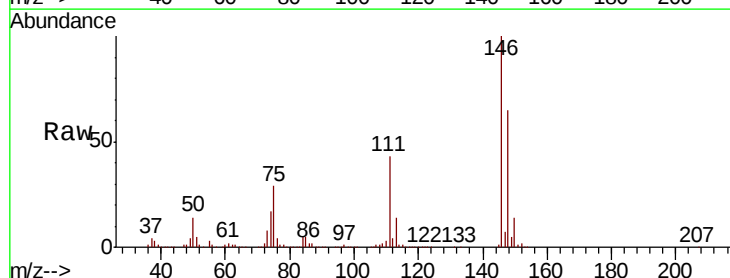
Tgt Ion:146 Resp: 1003700

Ion Ratio Lower Upper

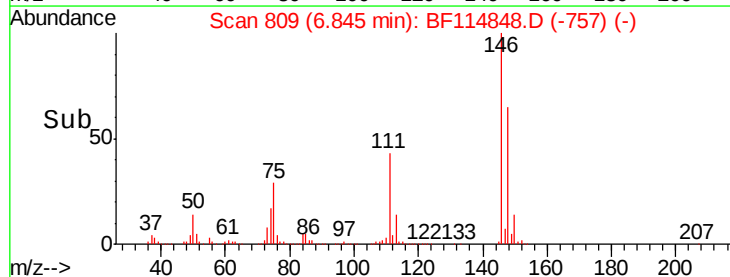
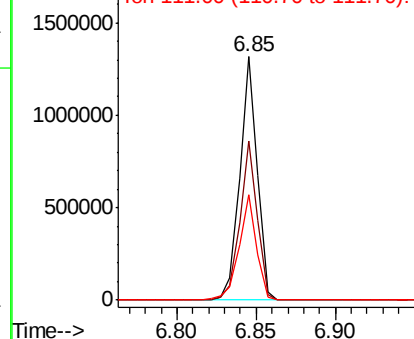
146 100

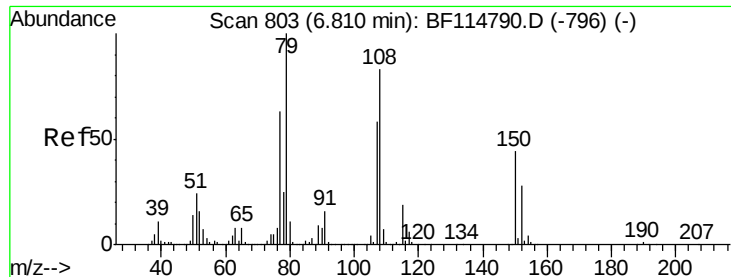
148 65.2 52.5 78.7

111 43.1 34.8 52.2



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

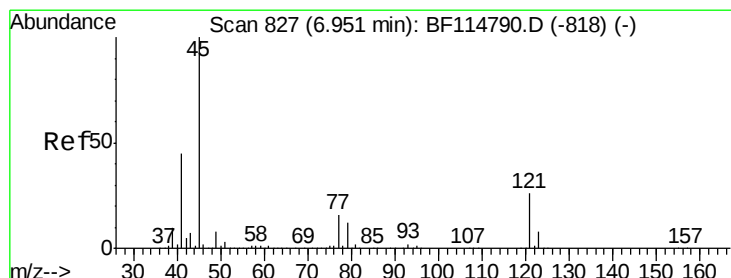
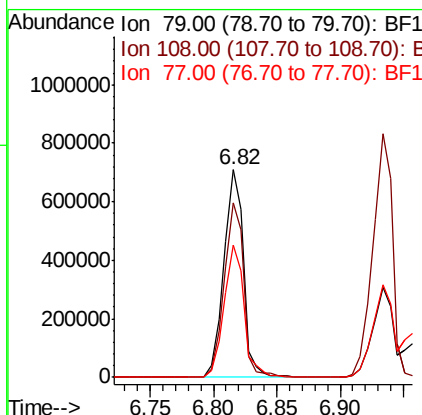
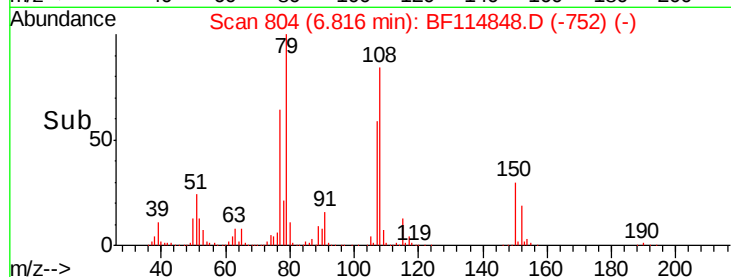
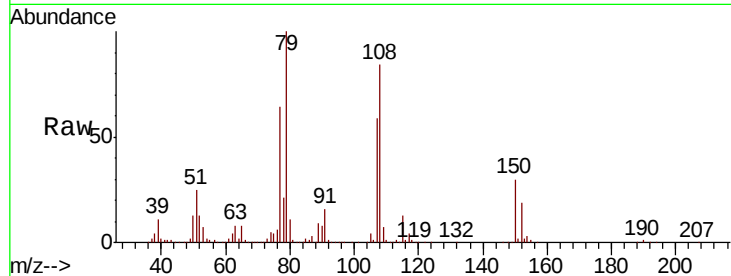




#15
Benzyl Alcohol
Concen: 43.059 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.01 min
Lab File: BF114848.D
Acq: 6 Jun 2019 8:39

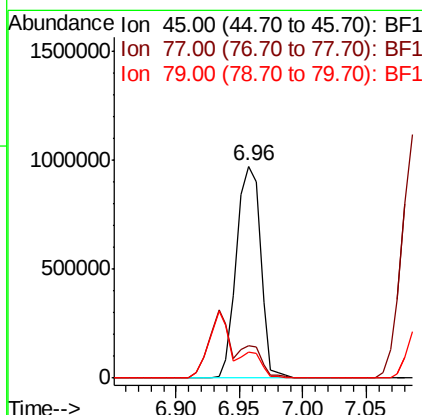
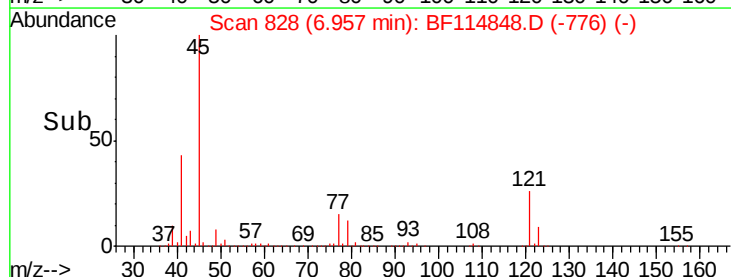
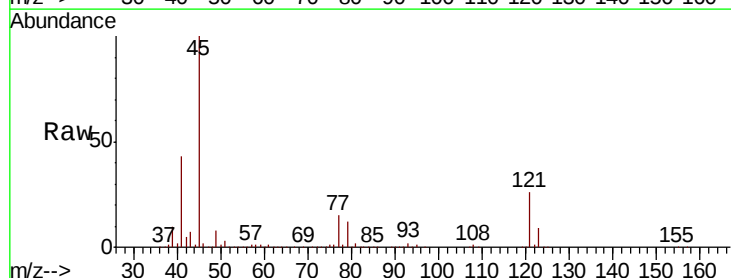
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

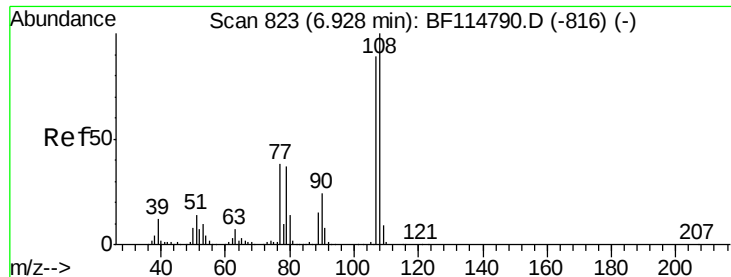
Tot Ion: 79 Resp: 761600
Ion Ratio Lower Upper
79 100
108 83.9 66.8 100.2
77 63.5 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.767 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF114848.D
Acq: 6 Jun 2019 8:39

Tgt Ion: 45 Resp: 1276791
Ion Ratio Lower Upper
45 100
77 15.4 0.0 35.8
79 12.0 0.0 32.0

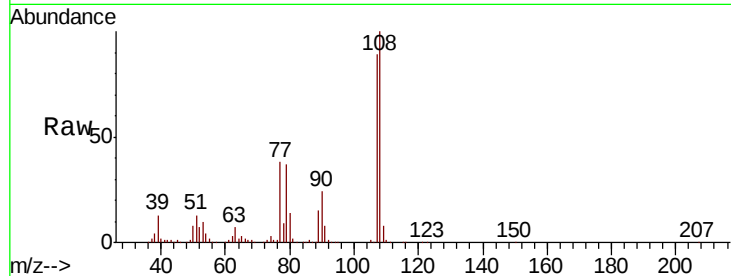




#17
2-Methylphenol
Concen: 41.159 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.01 min
Lab File: BF114848.D
Acq: 6 Jun 2019 8:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.1	90.2	135.2
77	42.6	34.5	51.7
79	41.2	33.8	50.6



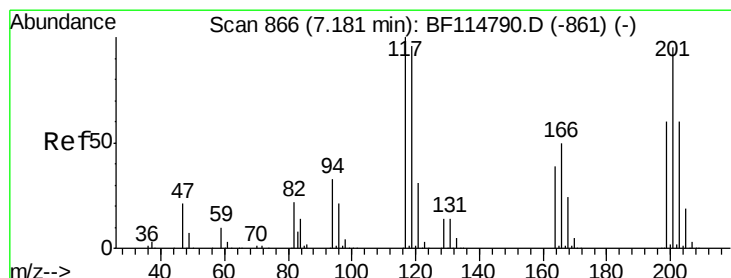
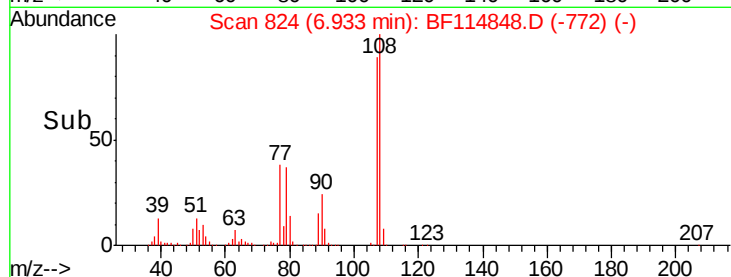
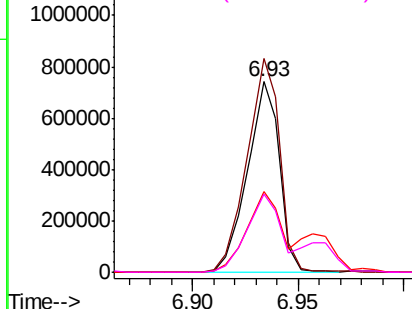
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

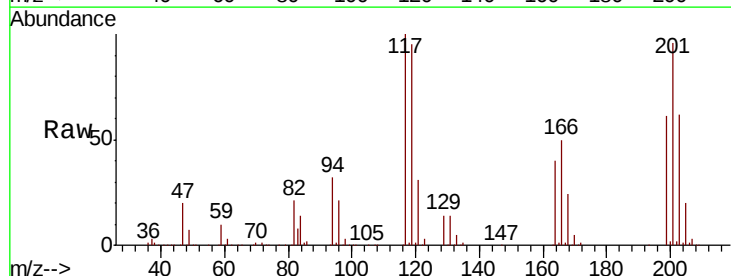
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.838 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: BF114848.D
Acq: 6 Jun 2019 8:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.0	115.4
201	96.1	76.0	114.0

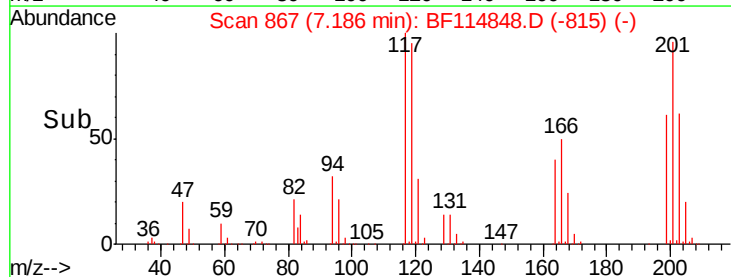
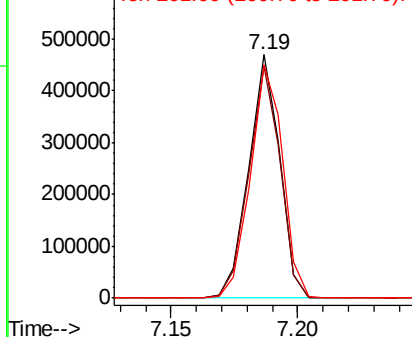


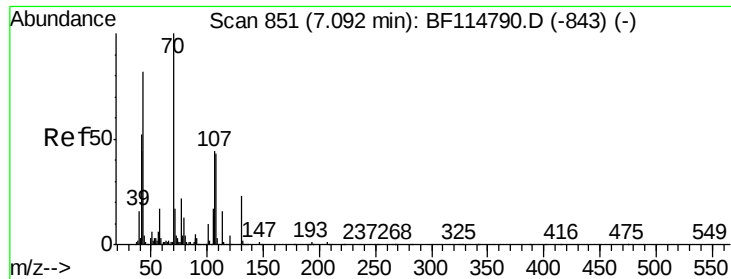
Abundance

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

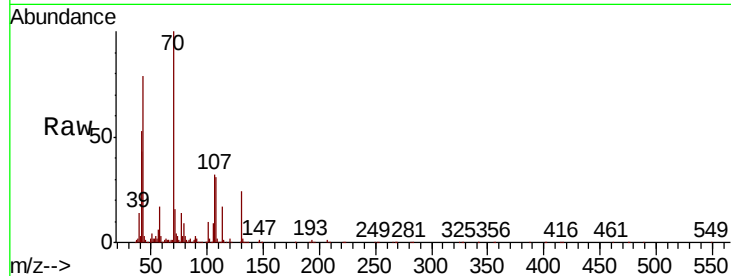




#19
n-Nitroso-di-n-propylamine
Concen: 40.111 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.01 min
Lab File: BF114848.D
Acq: 6 Jun 2019 8:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	621027
Ion	Ratio	Lower	Upper
70	100		
42	52.5	41.8	62.8
101	10.2	8.2	12.4
130	24.5	18.5	27.7



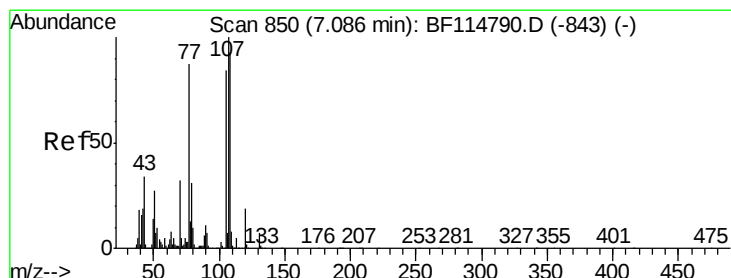
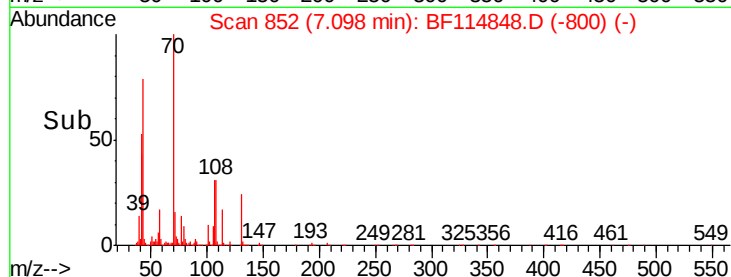
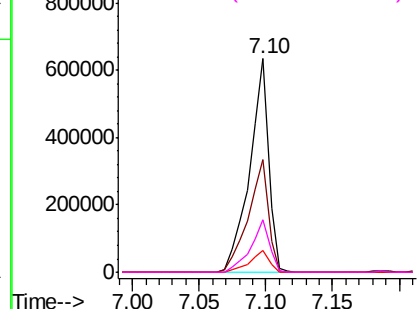
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

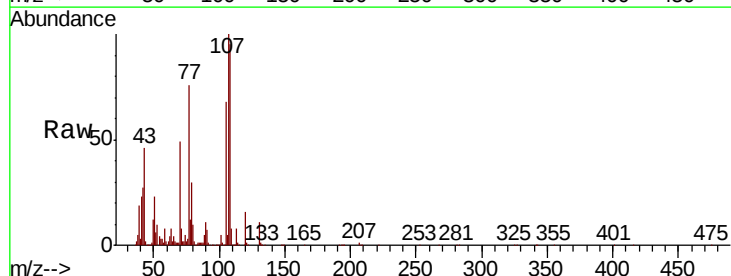
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 41.805 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.01 min
Lab File: BF114848.D
Acq: 6 Jun 2019 8:39

Tgt Ion:	107	Resp:	875347
Ion	Ratio	Lower	Upper
107	100		
108	94.9	73.5	113.5
77	75.8	67.2	107.2
79	30.4	10.6	50.6



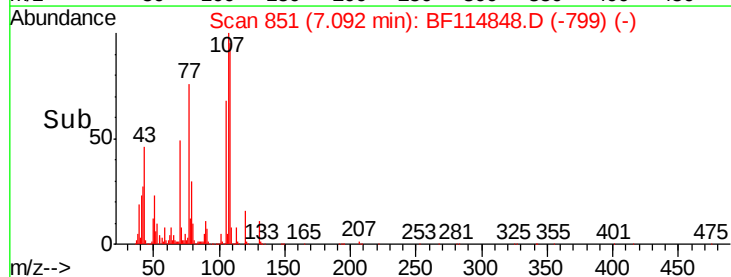
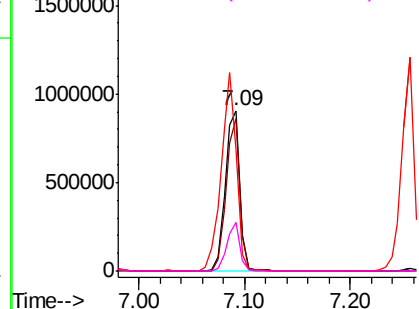
Abundance

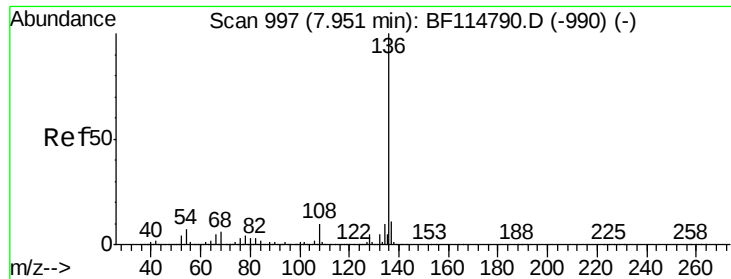
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

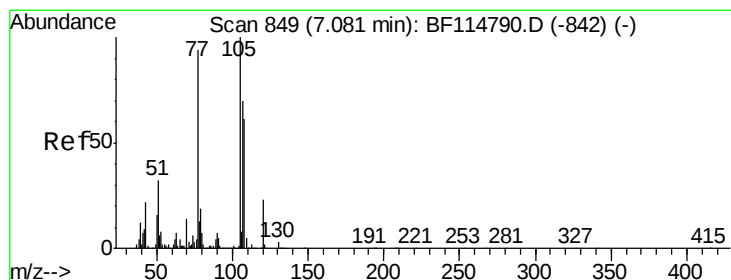
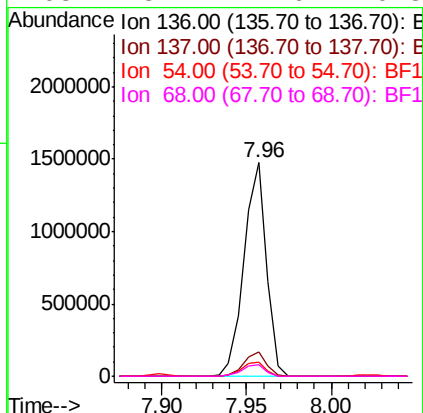
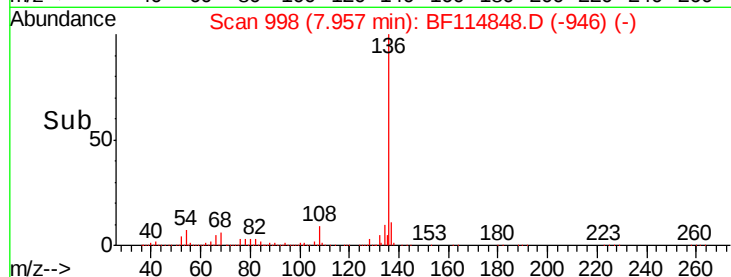
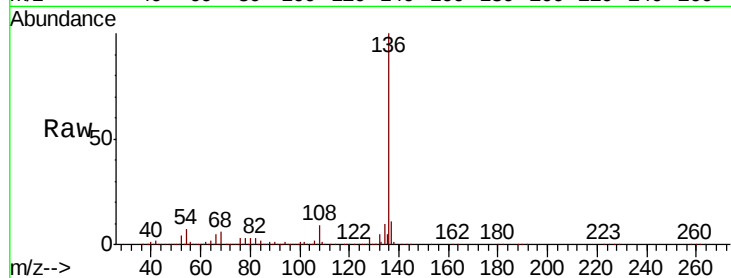




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.01 min
Lab File: BF114848.D
Acq: 6 Jun 2019 8:39

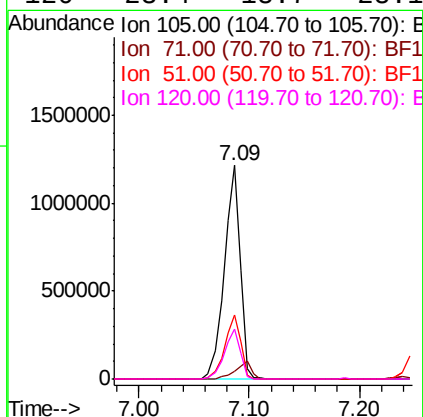
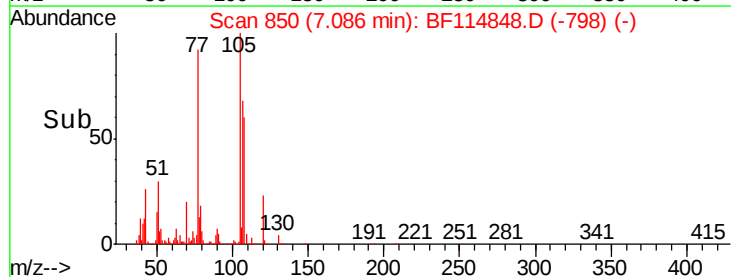
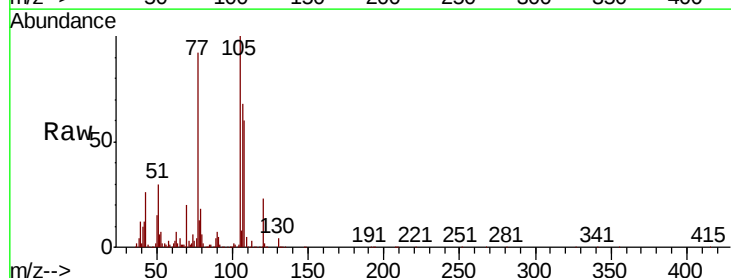
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

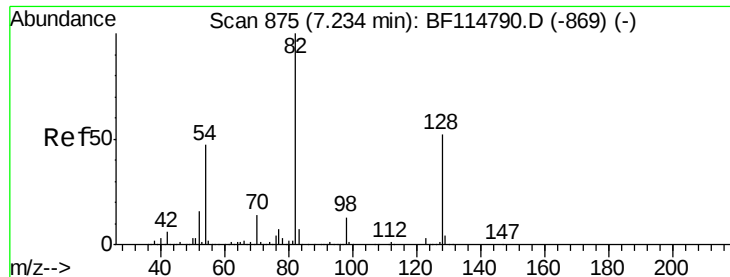
Tot Ion:136	Resp: 1373348
Ion Ratio	Lower Upper
136 100	
137 11.5	9.1 13.7
54 6.8	5.4 8.0
68 5.7	4.6 6.8



#22
Acetophenone
Concen: 40.292 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF114848.D
Acq: 6 Jun 2019 8:39

Tgt	Ion:105	Resp:	1218274
Ion	Ratio	Lower	Upper
105	100		
71	3.4	2.0	3.0#
51	29.9	25.4	38.0
120	23.4	18.7	28.1

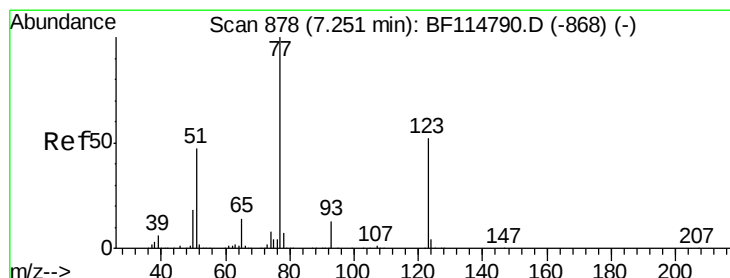
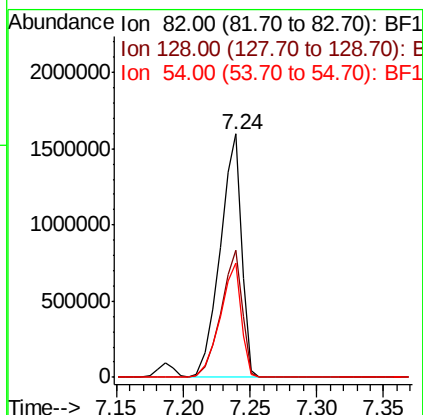
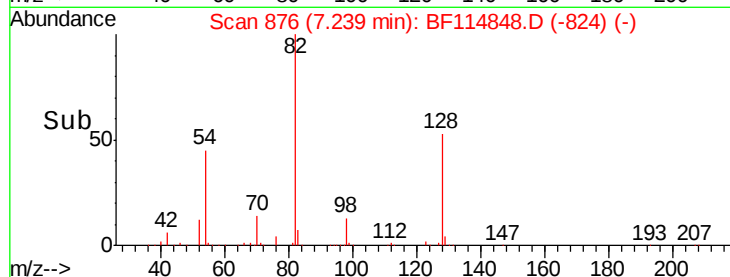
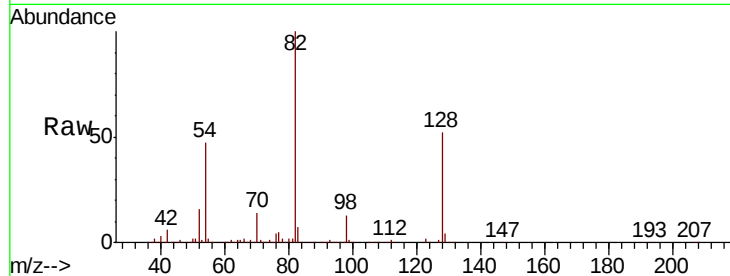




#23
Nitrobenzene-d5
Concen: 81.060 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF114848.D
Acq: 6 Jun 2019 8:39

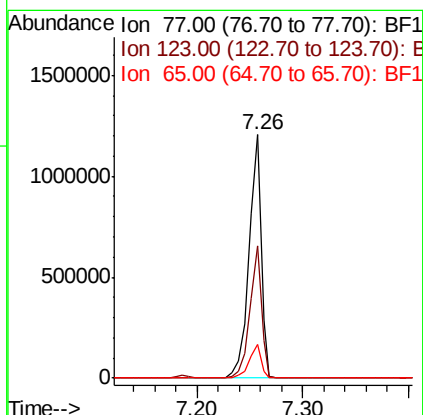
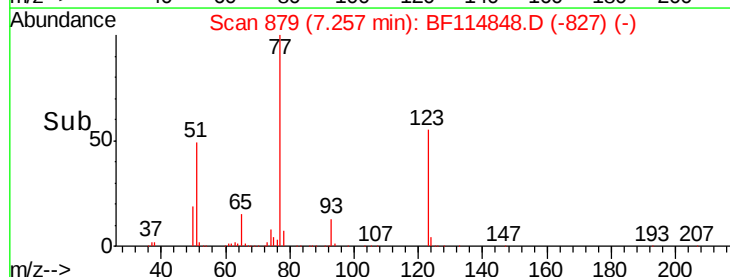
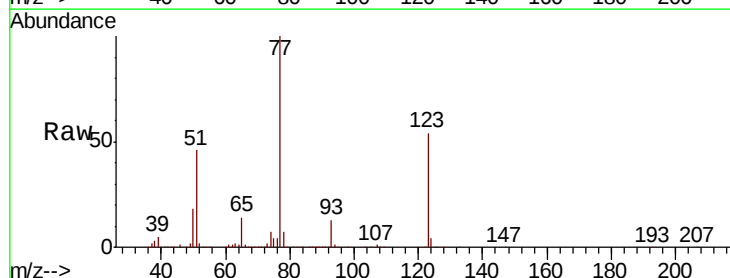
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

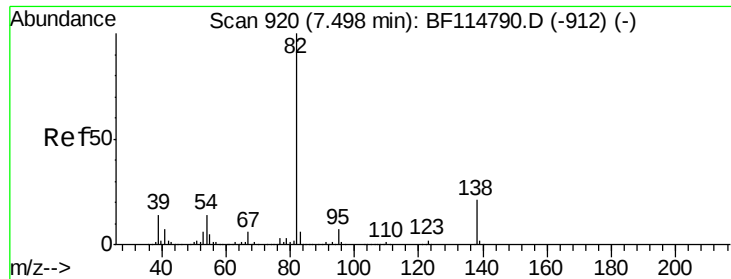
Tot Ion: 82 Resp: 1808416
Ion Ratio Lower Upper
82 100
128 52.5 41.8 62.6
54 47.0 37.9 56.9



#24
Nitrobenzene
Concen: 41.250 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: BF114848.D
Acq: 6 Jun 2019 8:39

Tgt Ion: 77 Resp: 953380
Ion Ratio Lower Upper
77 100
123 54.1 41.5 62.3
65 13.6 10.8 16.2





#25

Isophorone

Concen: 40.174 ng

RT: 7.50 min Scan# 920

Delta R.T. -0.00 min

Lab File: BF114848.D

Acq: 6 Jun 2019 8:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

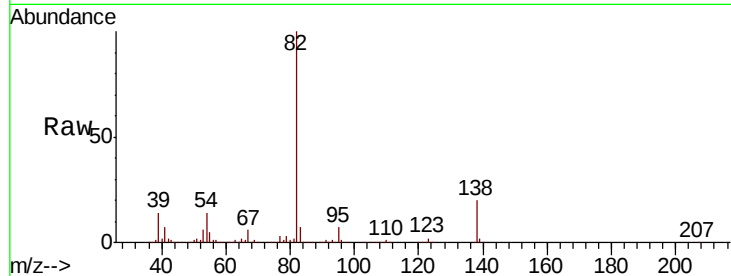
Tot Ion: 82 Resp: 1771892

Ion Ratio Lower Upper

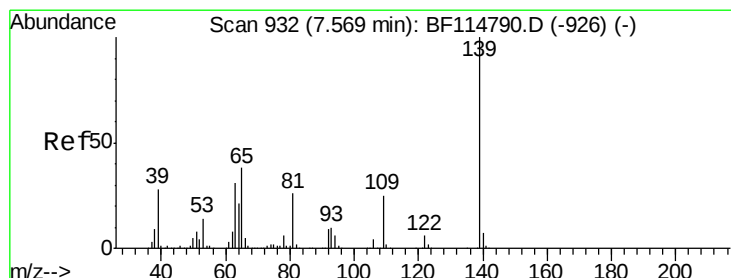
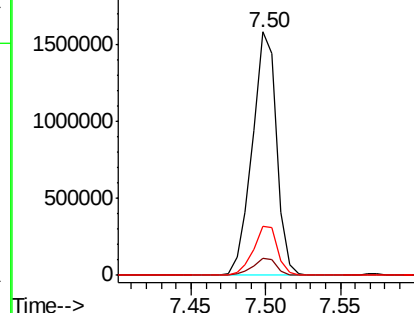
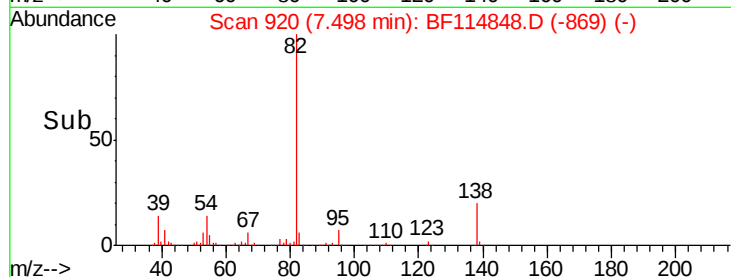
82 100

95 7.2 5.8 8.8

138 20.0 16.9 25.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.782 ng

RT: 7.57 min Scan# 933

Delta R.T. 0.01 min

Lab File: BF114848.D

Acq: 6 Jun 2019 8:39

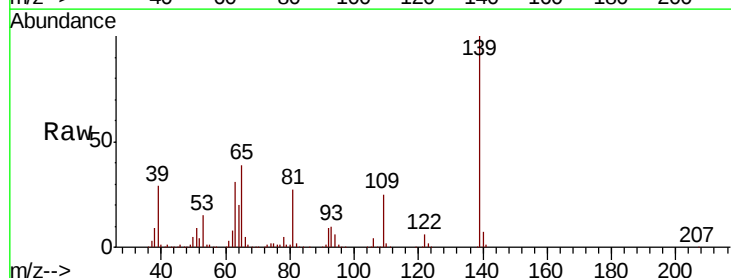
Tgt Ion: 139 Resp: 523024

Ion Ratio Lower Upper

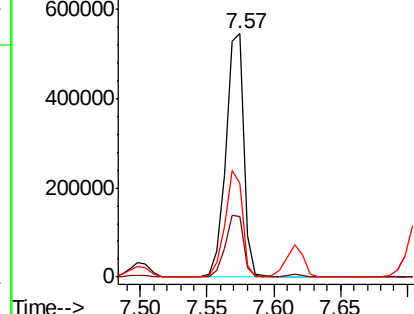
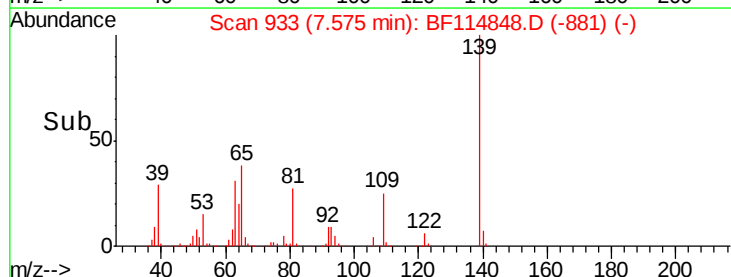
139 100

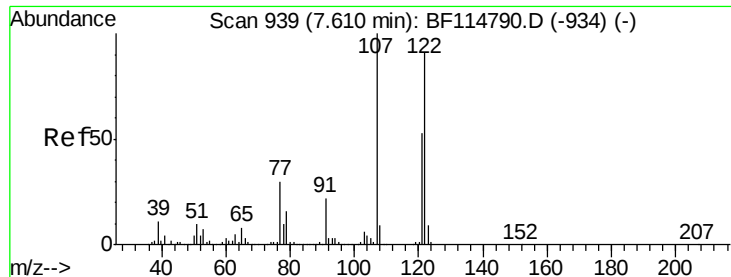
109 24.7 20.4 30.6

65 38.5 30.5 45.7



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





#27

2,4-Dimethylphenol

Concen: 41.241 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.01 min

Lab File: BF114848.D

Acq: 6 Jun 2019 8:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

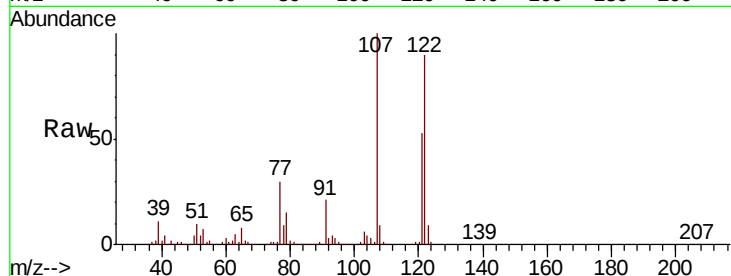
Tot Ion:122 Resp: 784650

Ion Ratio Lower Upper

122 100

107 110.7 87.9 131.9

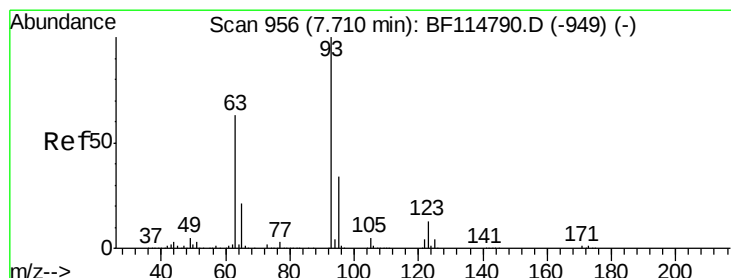
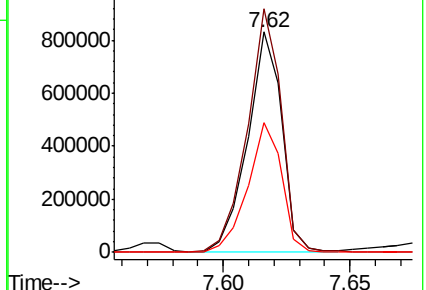
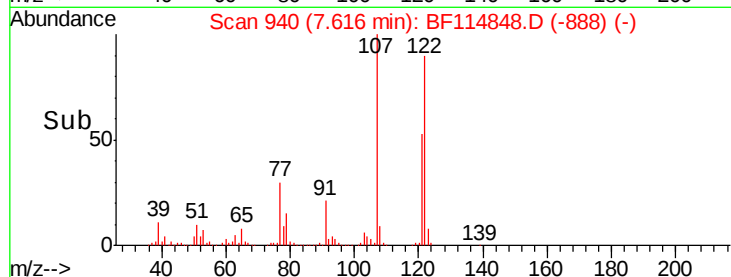
121 58.7 46.4 69.6



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: 41.417 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF114848.D

Acq: 6 Jun 2019 8:39

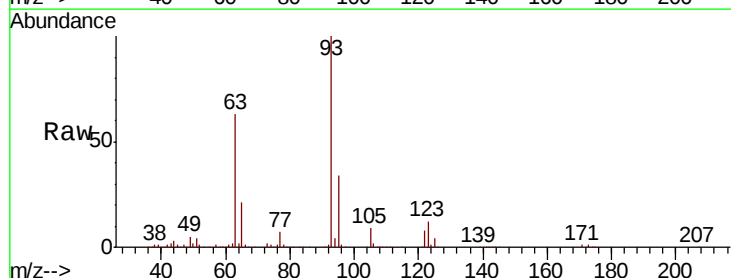
Tgt Ion: 93 Resp: 1167687

Ion Ratio Lower Upper

93 100

95 33.5 26.9 40.3

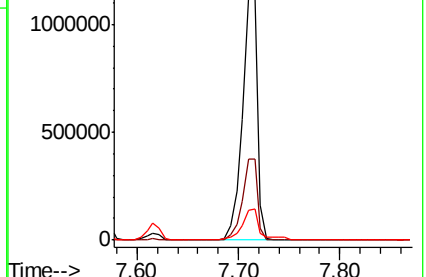
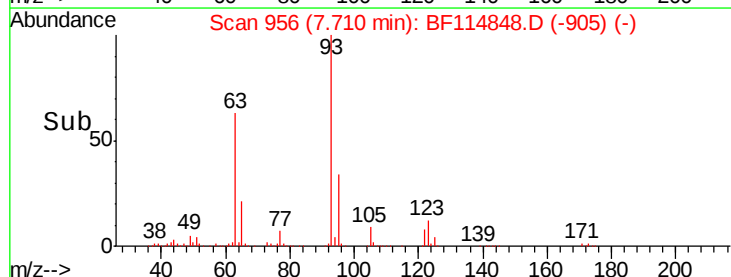
123 12.4 10.4 15.6

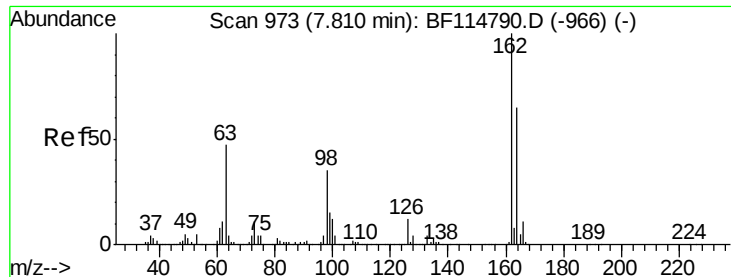


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

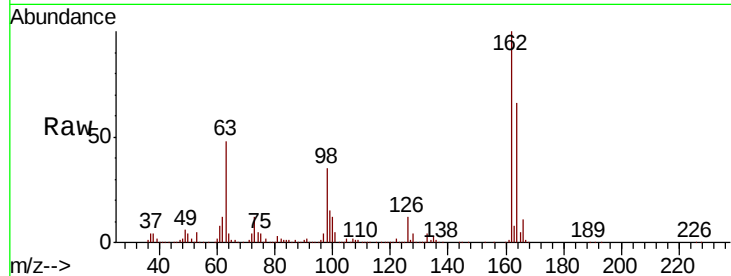




#29
2,4-Dichlorophenol
Concen: 41.057 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF114848.D
Acq: 6 Jun 2019 8:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.9	45.1	85.1
98	35.1	14.6	54.6

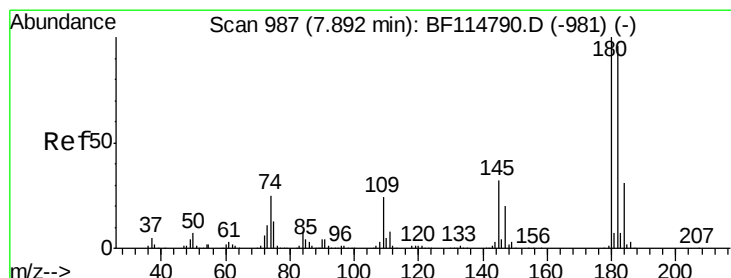
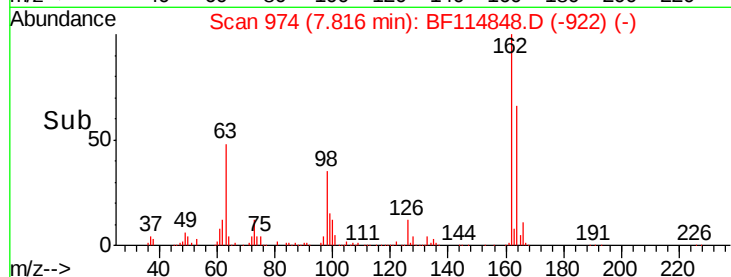
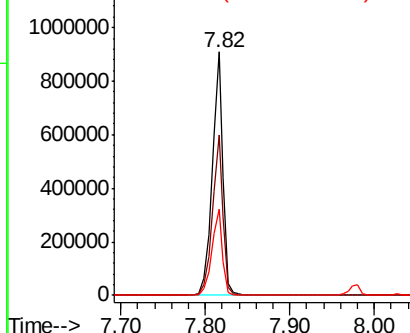


Abundance

Ion 162.00 (161.70 to 162.70): E

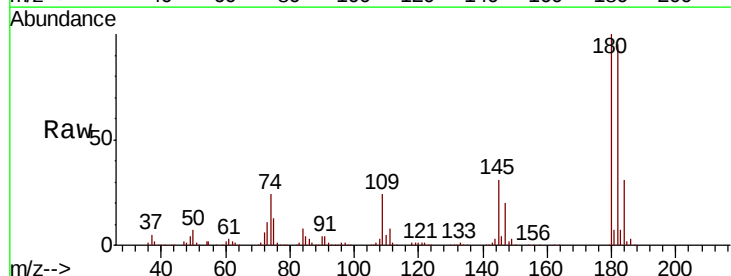
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 41.149 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF114848.D
Acq: 6 Jun 2019 8:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.5	114.7
145	31.3	25.8	38.8

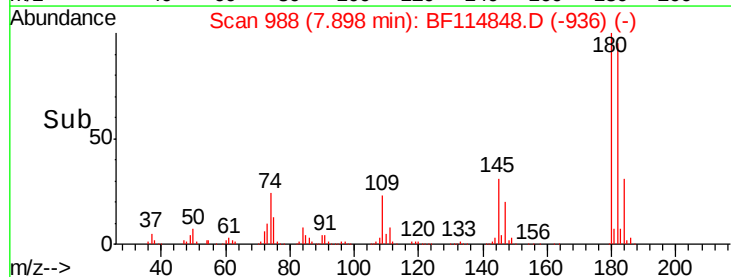
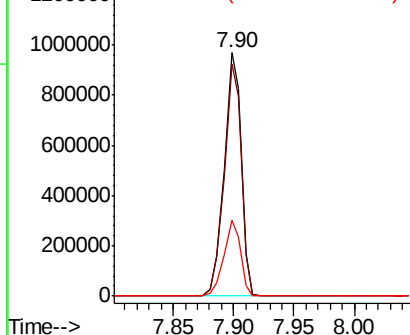


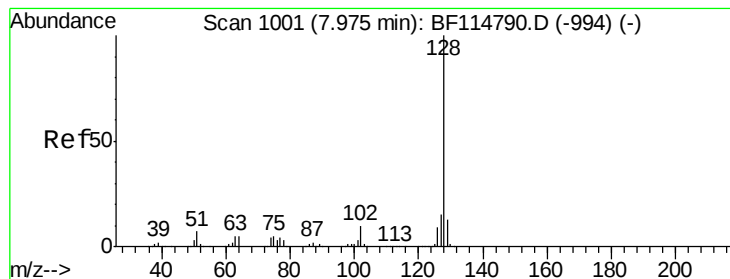
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.305 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF114848.D

Acq: 6 Jun 2019 8:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

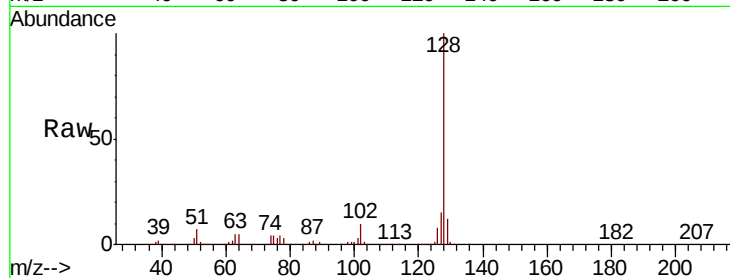
Tot Ion:128 Resp: 2615681

Ion Ratio Lower Upper

128 100

129 12.2 10.0 15.0

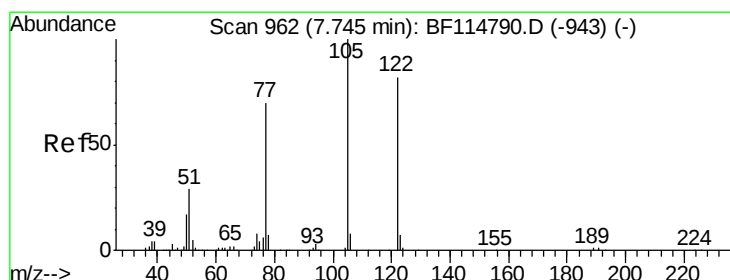
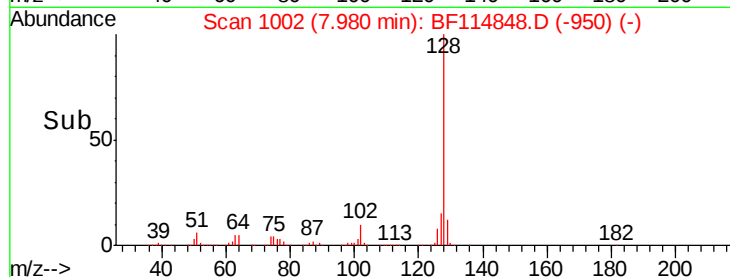
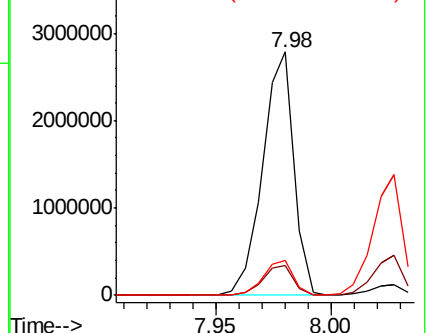
127 14.5 12.2 18.2



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: 35.536 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF114848.D

Acq: 6 Jun 2019 8:39

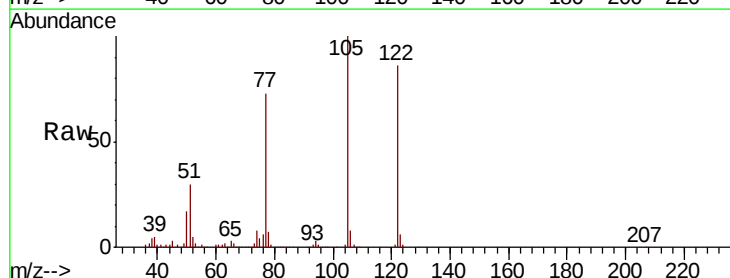
Tgt Ion:122 Resp: 492425

Ion Ratio Lower Upper

122 100

105 116.9 98.7 138.7

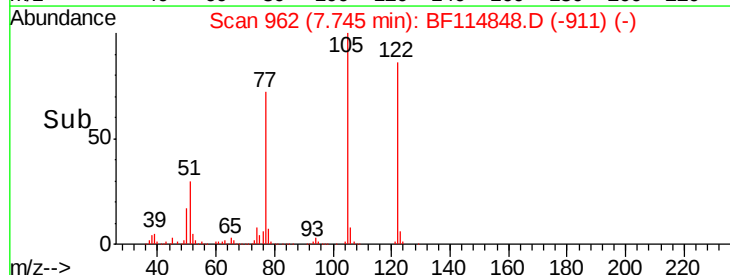
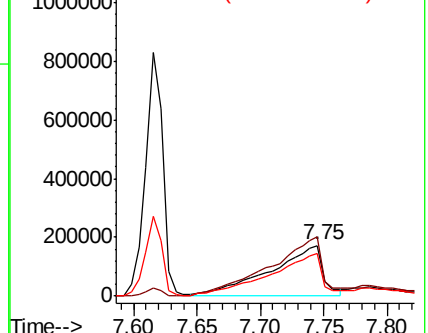
77 84.9 64.8 104.8

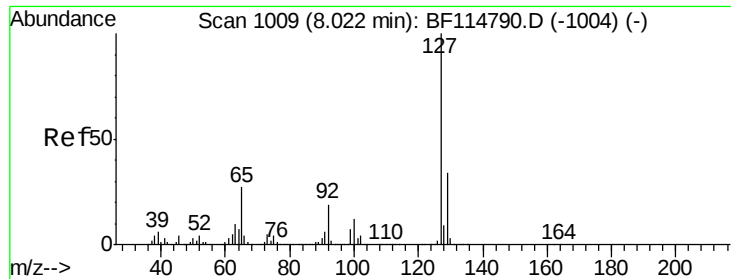


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

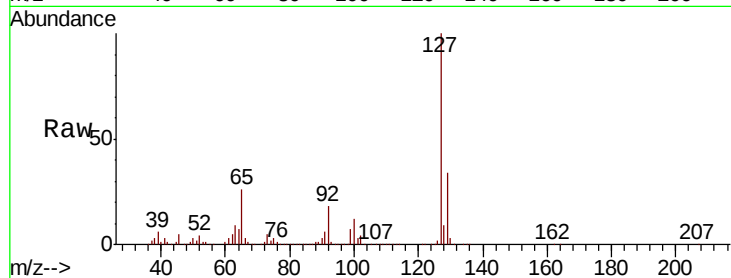




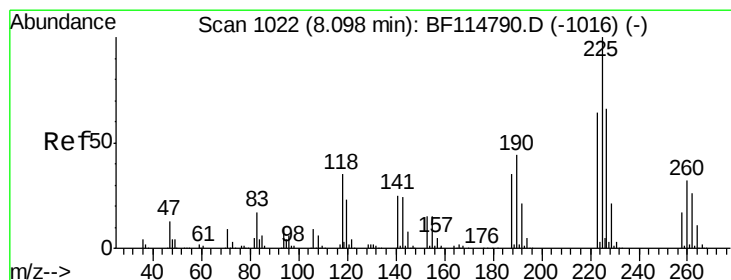
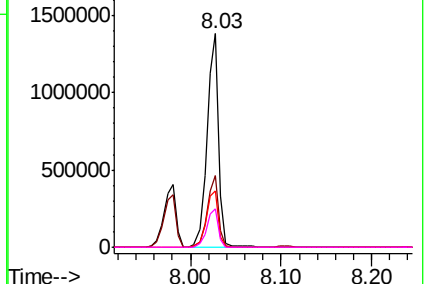
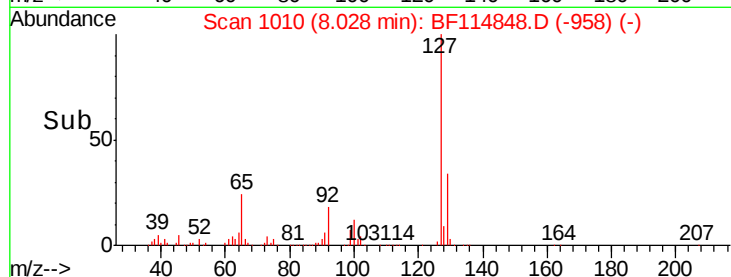
#33
4-Chloroaniline
Concen: 41.994 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF114848.D
Acq: 6 Jun 2019 8:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	1238650
Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.9	40.3
65	26.2	21.7	32.5
92	17.8	14.8	22.2

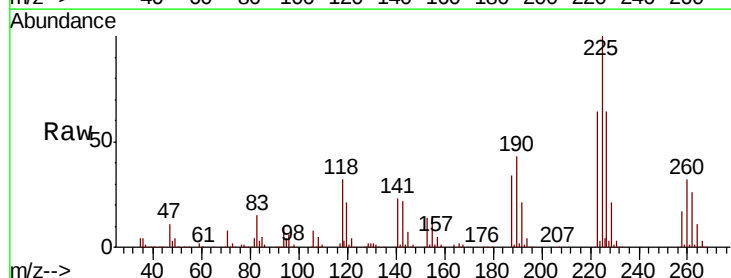


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

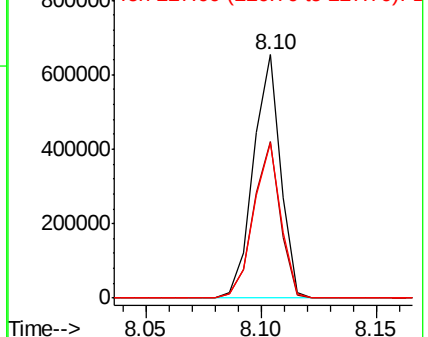
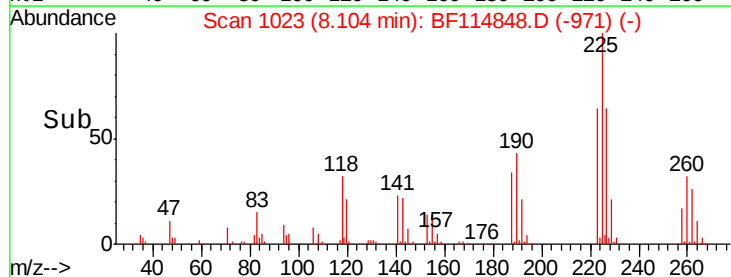


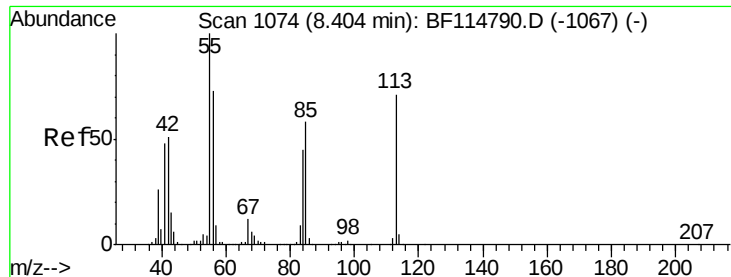
#34
Hexachlorobutadiene
Concen: 41.214 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BF114848.D
Acq: 6 Jun 2019 8:39

Tgt Ion:	225	Resp:	538173
Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.0	76.6
227	63.7	52.6	78.8



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

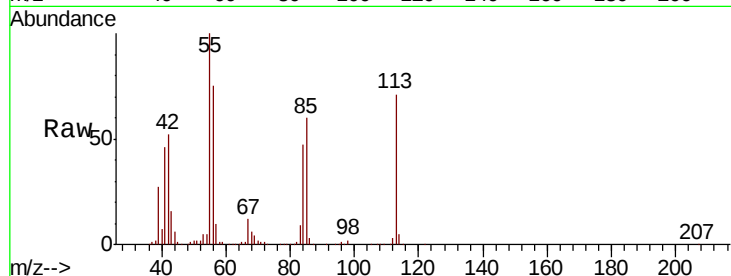




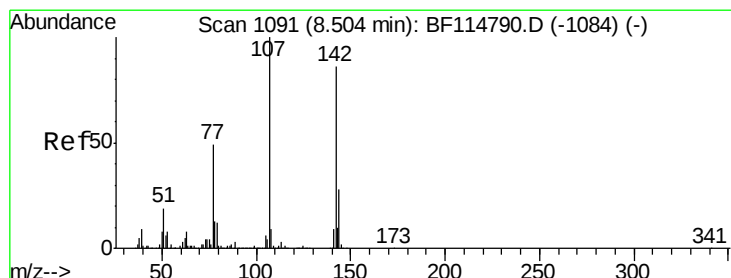
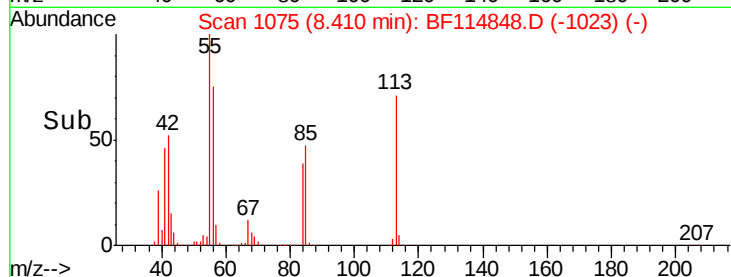
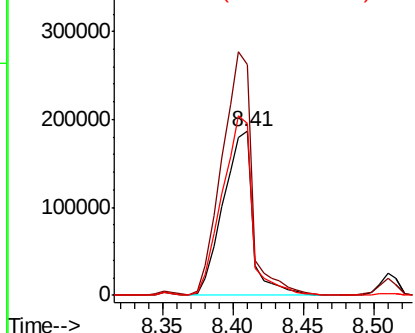
#35
Caprolactam
Concen: 41.855 ng
RT: 8.41 min Scan# 1075
Delta R.T. 0.01 min
Lab File: BF114848.D
Acq: 6 Jun 2019 8:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:113 Resp: 273687
Ion Ratio Lower Upper
113 100
55 140.7 121.1 161.1
56 105.0 82.6 122.6

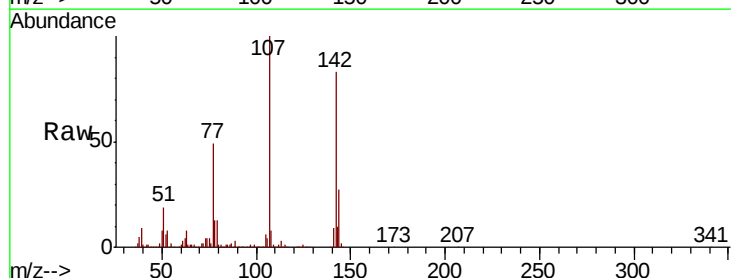


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

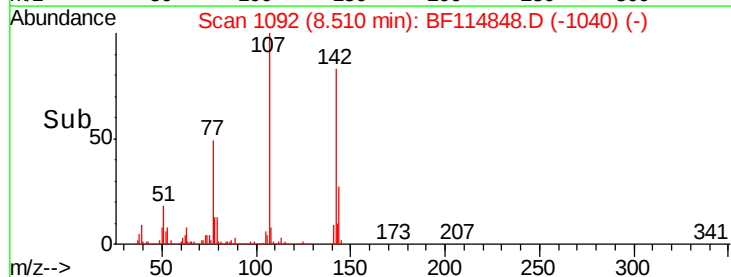
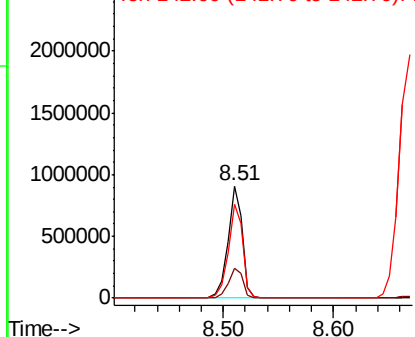


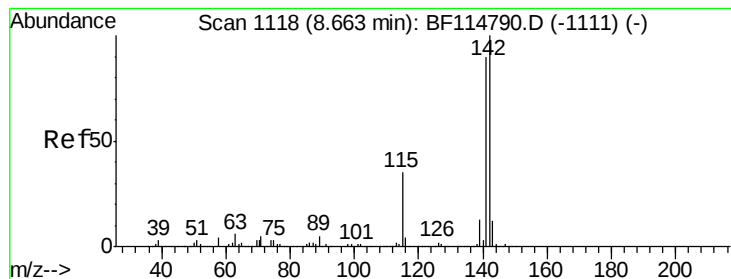
#36
4-Chloro-3-methylphenol
Concen: 41.507 ng
RT: 8.51 min Scan# 1092
Delta R.T. 0.01 min
Lab File: BF114848.D
Acq: 6 Jun 2019 8:39

Tgt Ion:107 Resp: 826752
Ion Ratio Lower Upper
107 100
144 27.1 22.1 33.1
142 83.3 68.4 102.6



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

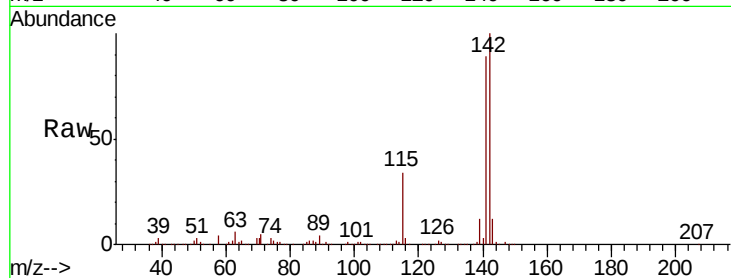




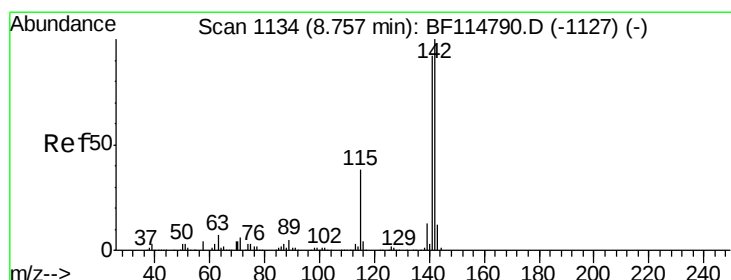
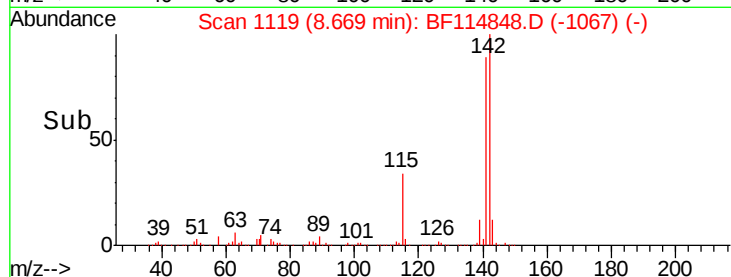
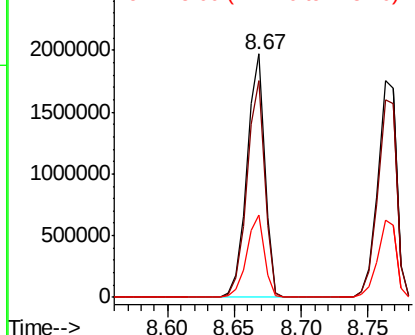
#37
2-Methylnaphthalene
Concen: 42.019 ng
RT: 8.67 min Scan# 1119
Delta R.T. 0.01 min
Lab File: BF114848.D
Acq: 6 Jun 2019 8:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 1801994
Ion Ratio Lower Upper
142 100
141 88.9 71.6 107.4
115 33.9 28.2 42.4

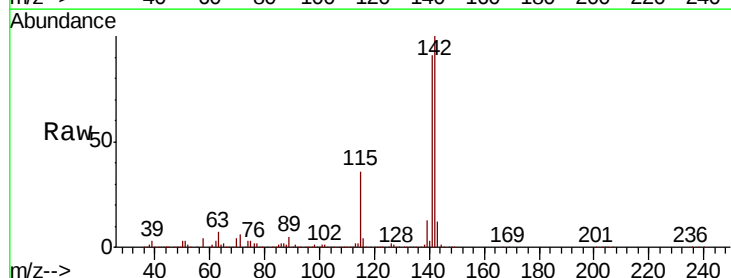


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

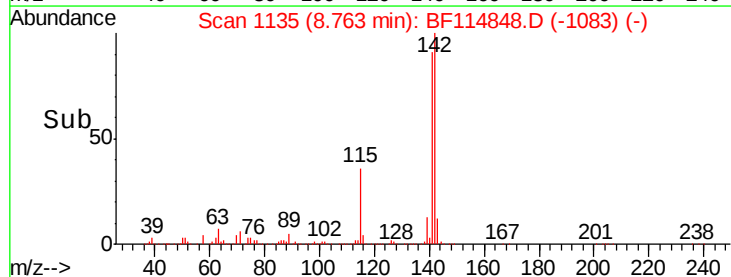
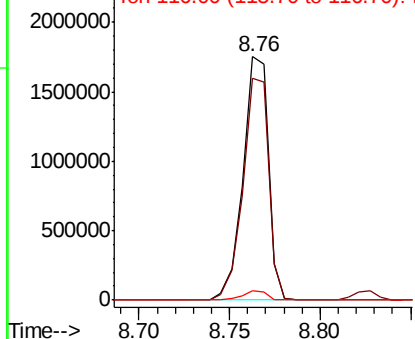


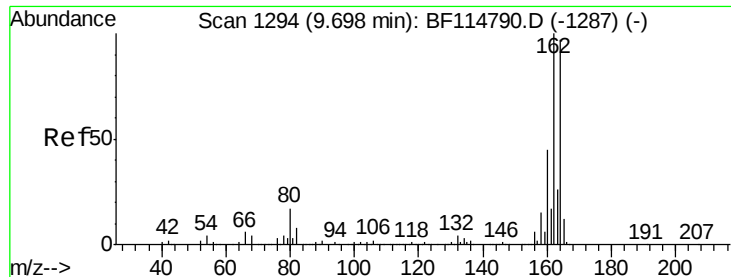
#38
1-Methylnaphthalene
Concen: 41.774 ng
RT: 8.76 min Scan# 1135
Delta R.T. 0.01 min
Lab File: BF114848.D
Acq: 6 Jun 2019 8:39

Tgt Ion:142 Resp: 1698936
Ion Ratio Lower Upper
142 100
141 91.3 73.8 110.6
116 3.9 3.3 4.9



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

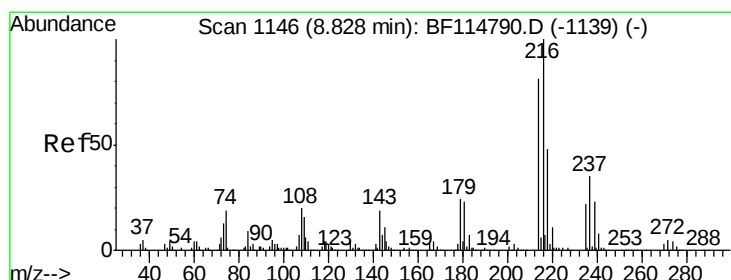
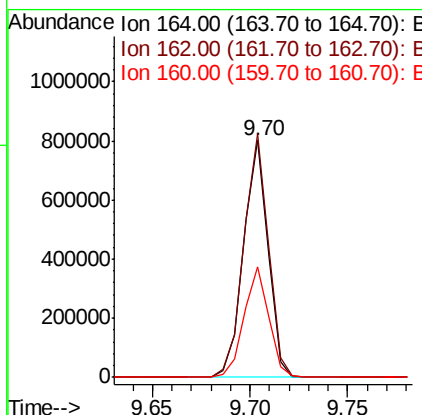
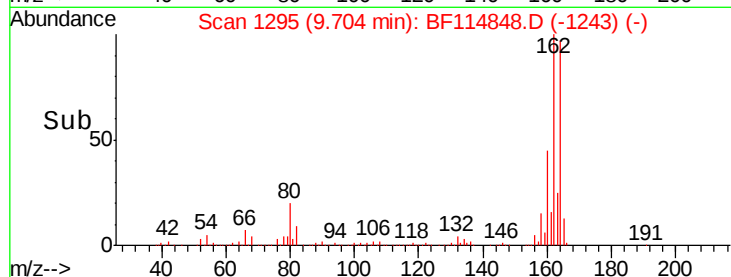
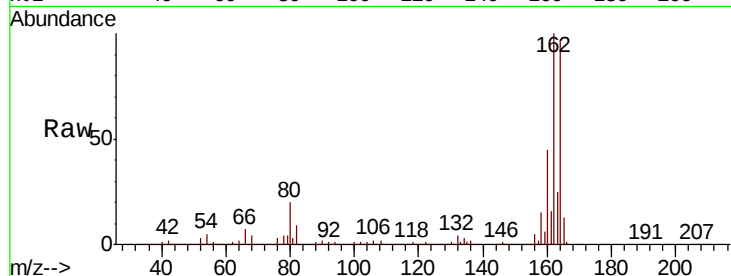




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BF114848.D
Acq: 6 Jun 2019 8:39

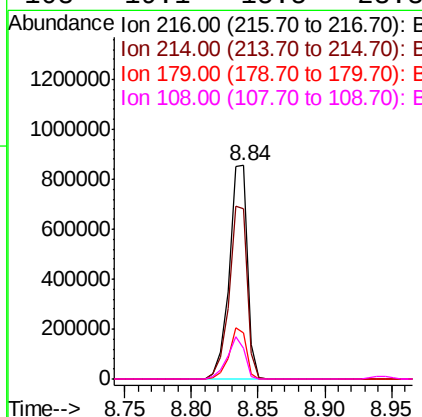
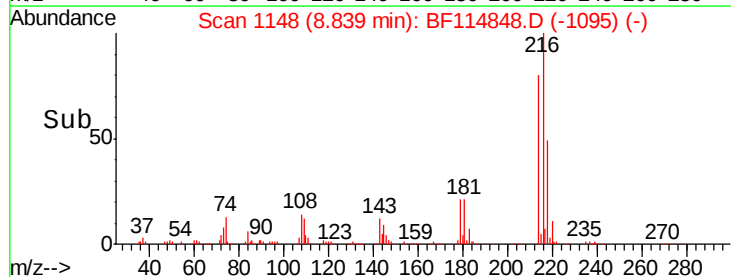
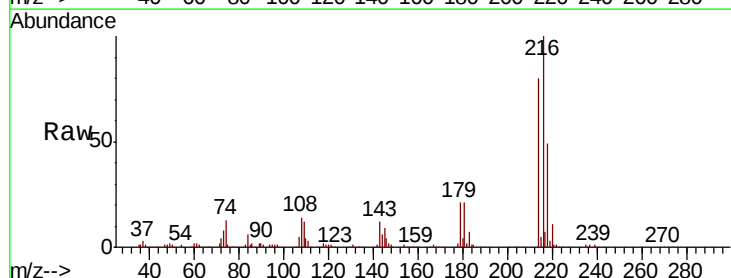
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

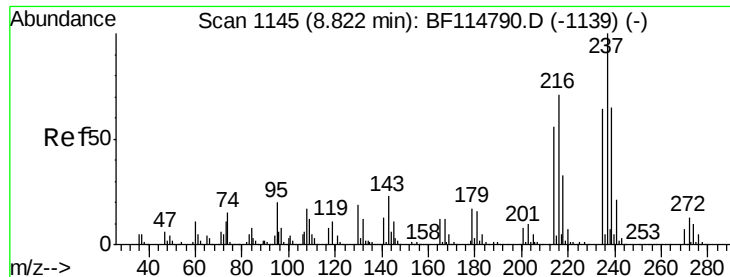
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.3	123.5
160	46.4	36.7	55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.195 ng
RT: 8.84 min Scan# 1148
Delta R.T. 0.01 min
Lab File: BF114848.D
Acq: 6 Jun 2019 8:39

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.4	63.4	95.2
179	22.7	18.3	27.5
108	19.1	15.5	23.3





#41

Hexachlorocyclopentadiene

Concen: 36.918 ng

RT: 8.83 min Scan# 1146

Delta R.T. 0.01 min

Lab File: BF114848.D

Acq: 6 Jun 2019 8:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

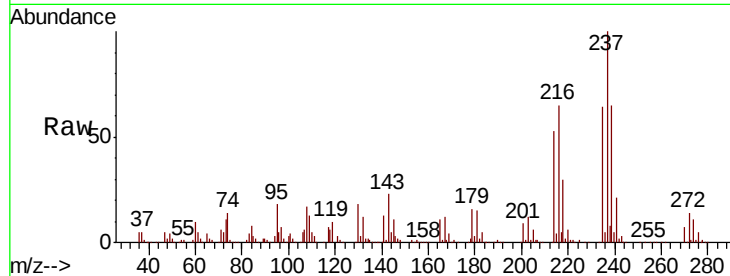
Tot Ion:237 Resp: 448252

Ion Ratio Lower Upper

237 100

235 63.9 44.0 84.0

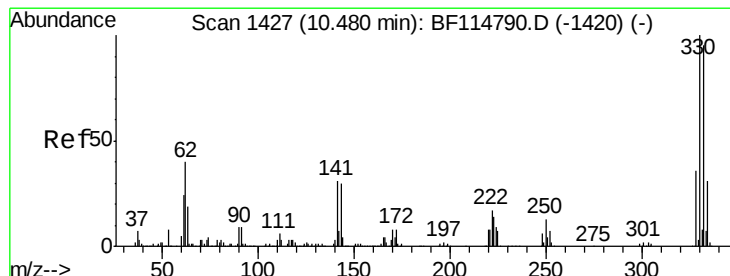
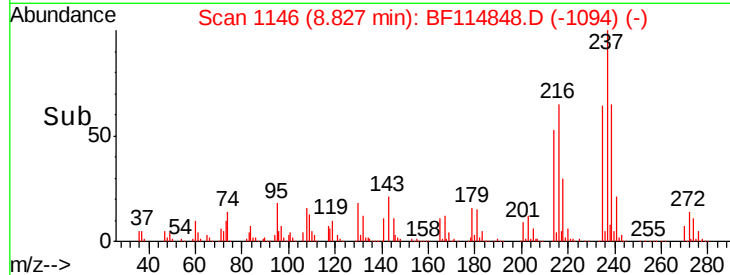
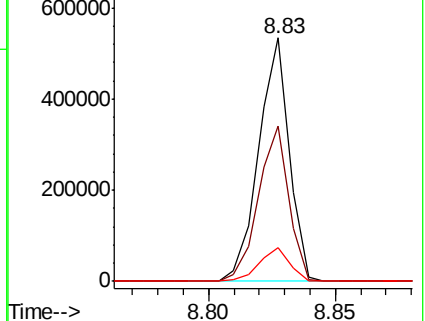
272 13.7 0.0 33.4



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: 83.046 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.01 min

Lab File: BF114848.D

Acq: 6 Jun 2019 8:39

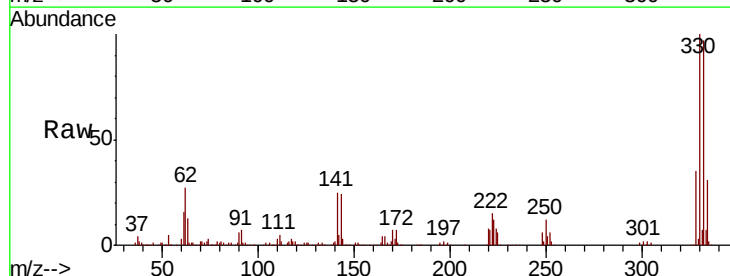
Tgt Ion:330 Resp: 621716

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

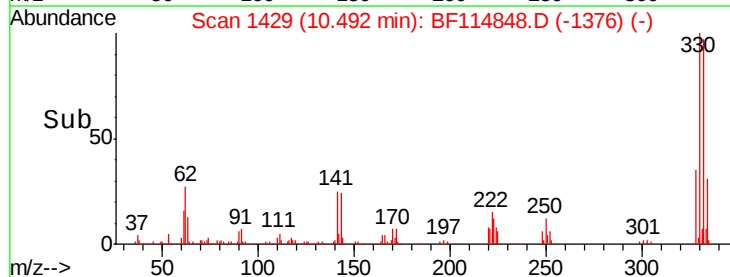
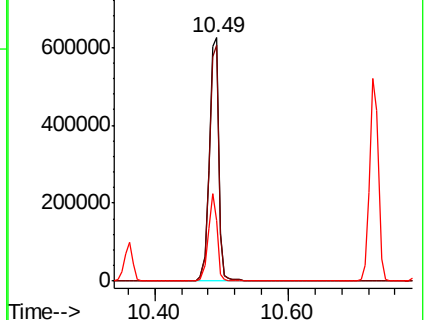
141 33.5 26.2 39.4

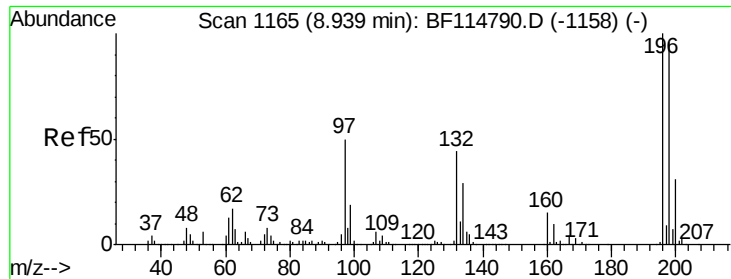


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

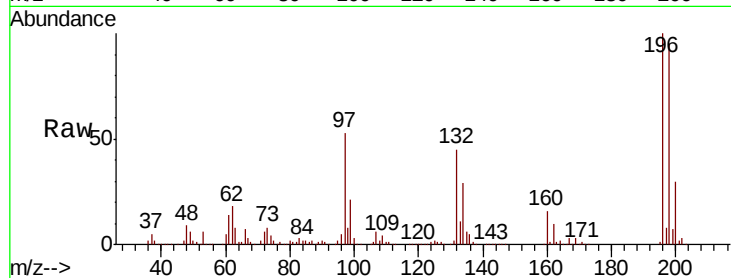




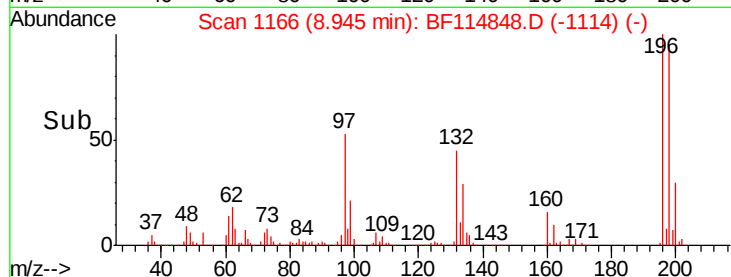
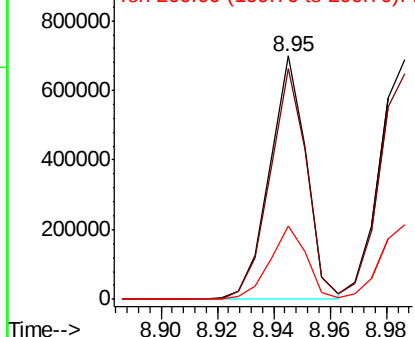
#43
 2,4,6-Trichlorophenol
 Concen: 40.435 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. 0.01 min
 Lab File: BF114848.D
 Acq: 6 Jun 2019 8:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 629469
 Ion Ratio Lower Upper
 196 100
 198 94.6 77.1 115.7
 200 30.3 24.6 36.8

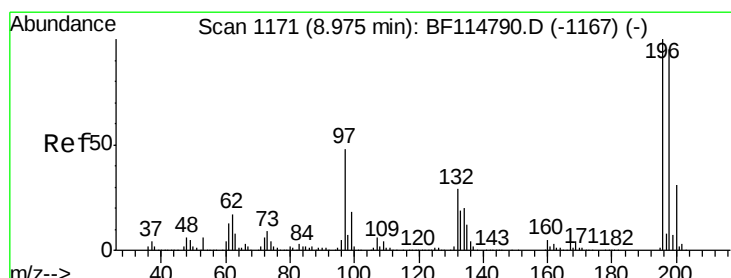


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

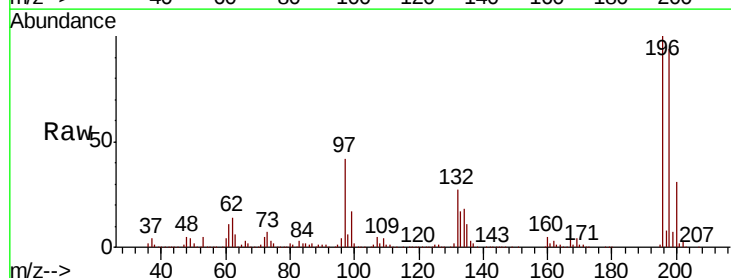
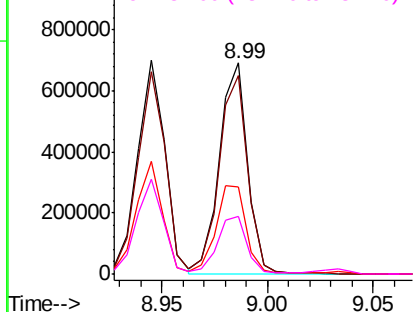


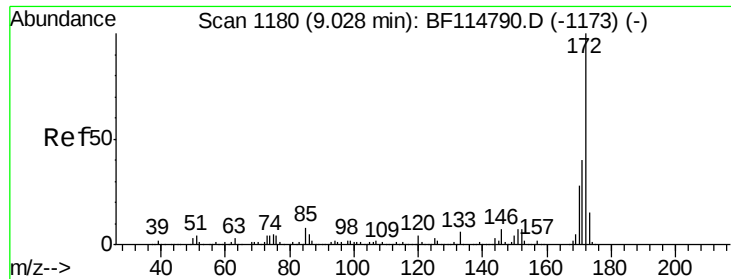
#44
 2,4,5-Trichlorophenol
 Concen: 40.654 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.01 min
 Lab File: BF114848.D
 Acq: 6 Jun 2019 8:39

Tgt Ion:196 Resp: 637360
 Ion Ratio Lower Upper
 196 100
 198 94.0 76.2 114.4
 97 41.5 38.2 57.4
 132 27.0 23.7 35.5



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

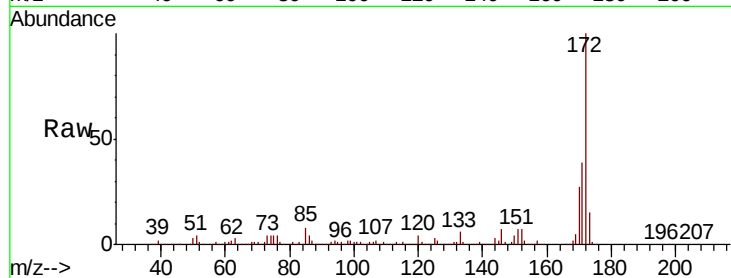




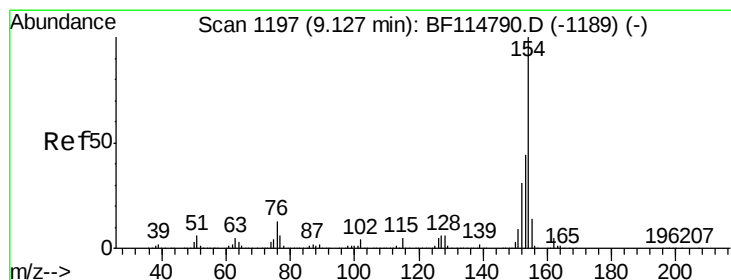
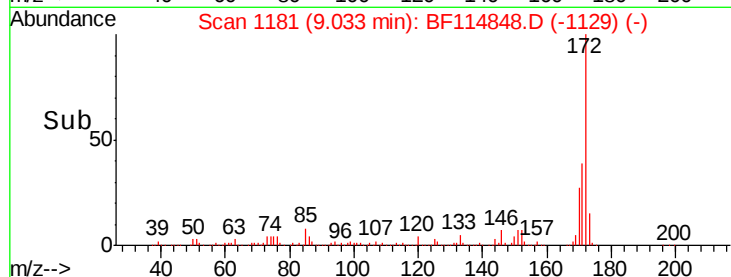
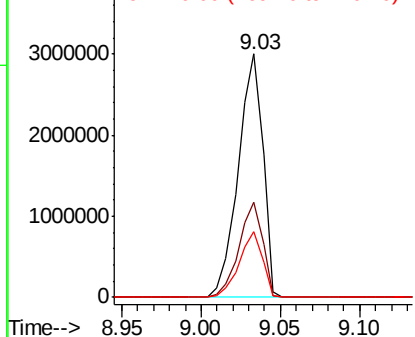
#45
2-Fluorobiphenyl
Concen: 86.986 ng
RT: 9.03 min Scan# 1181
Delta R.T. 0.01 min
Lab File: BF114848.D
Acq: 6 Jun 2019 8:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 3225821
Ion Ratio Lower Upper
172 100
171 39.0 32.3 48.5
170 26.8 22.4 33.6

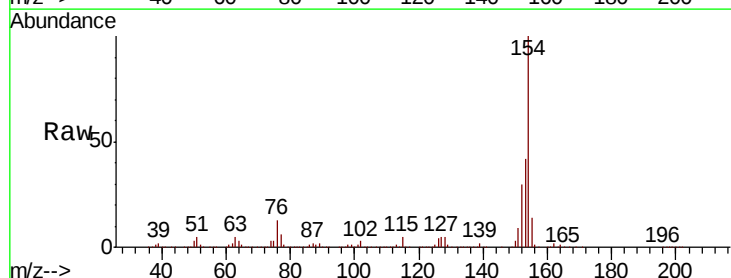


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

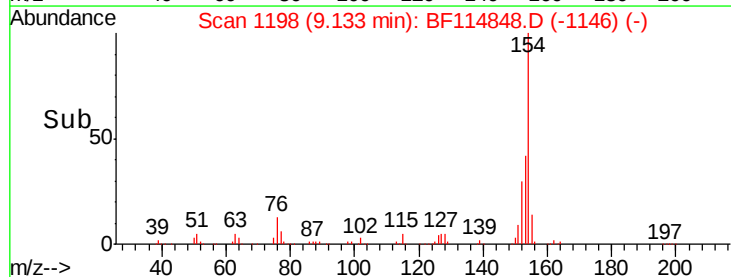
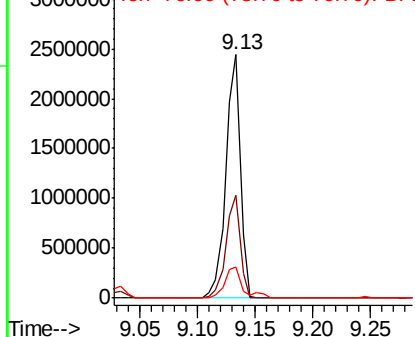


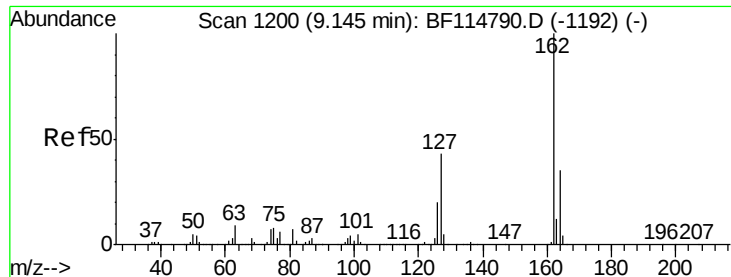
#46
1,1'-Biphenyl
Concen: 41.200 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.01 min
Lab File: BF114848.D
Acq: 6 Jun 2019 8:39

Tgt Ion:154 Resp: 2121256
Ion Ratio Lower Upper
154 100
153 42.5 23.9 63.9
76 13.0 0.0 33.2



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

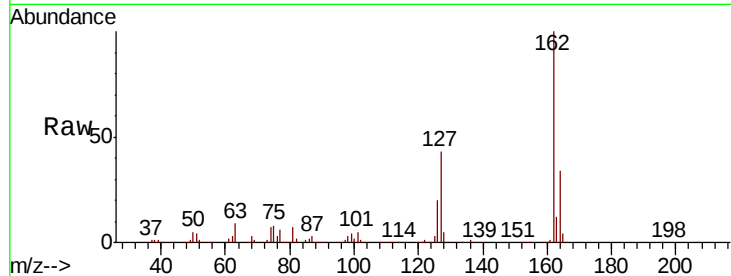




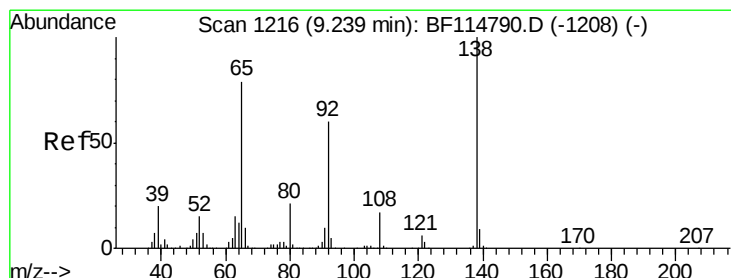
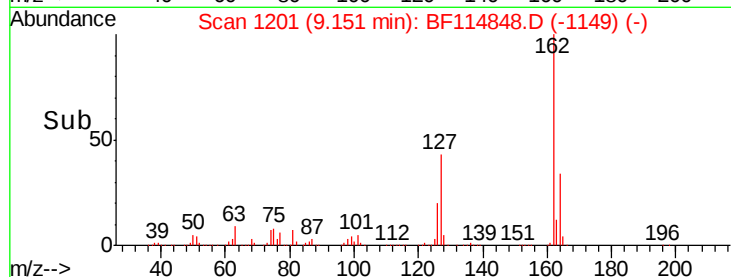
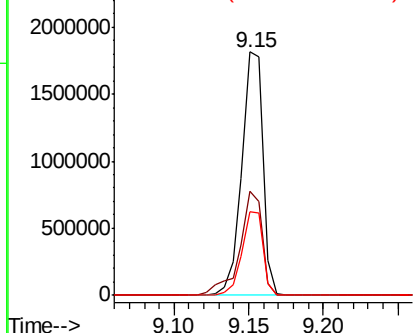
#47
2-Chloronaphthalene
Concen: 40.959 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BF114848.D
Acq: 6 Jun 2019 8:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:162 Resp: 1791960
Ion Ratio Lower Upper
162 100
127 42.7 34.6 51.8
164 34.2 27.8 41.8

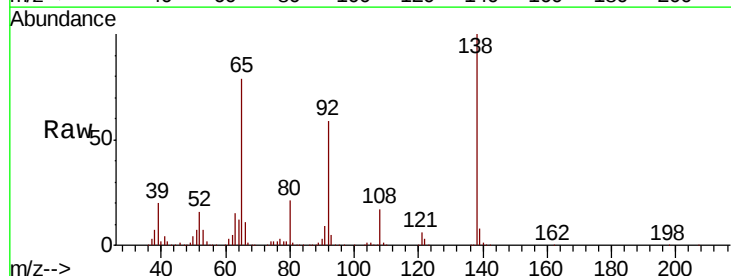


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

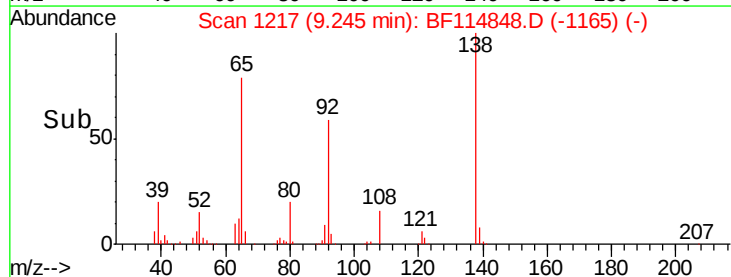
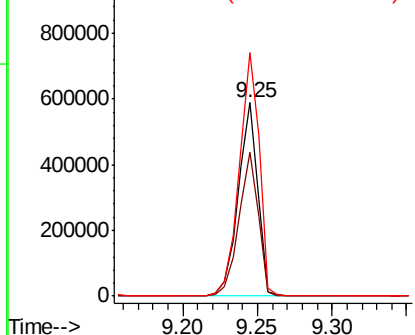


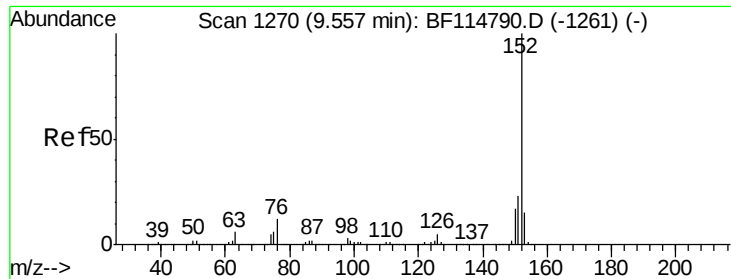
#48
2-Nitroaniline
Concen: 41.240 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.01 min
Lab File: BF114848.D
Acq: 6 Jun 2019 8:39

Tgt Ion: 65 Resp: 538420
Ion Ratio Lower Upper
65 100
92 74.4 60.4 90.6
138 126.0 101.2 151.8



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

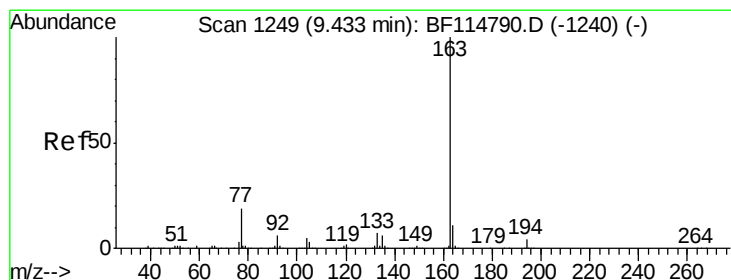
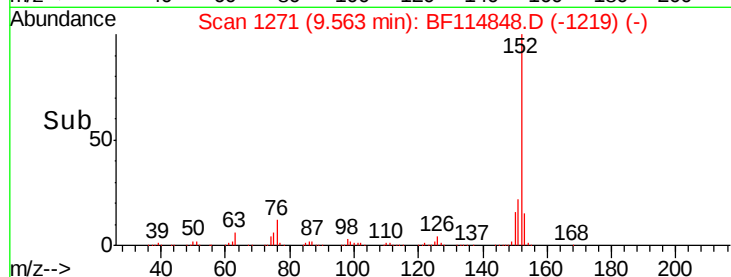
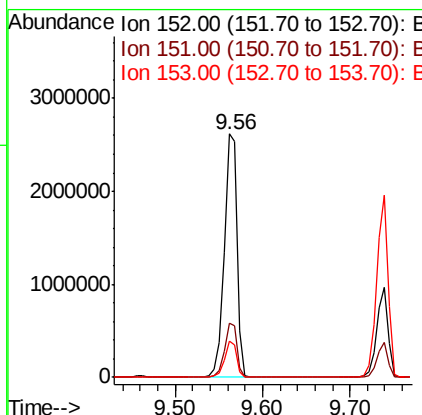
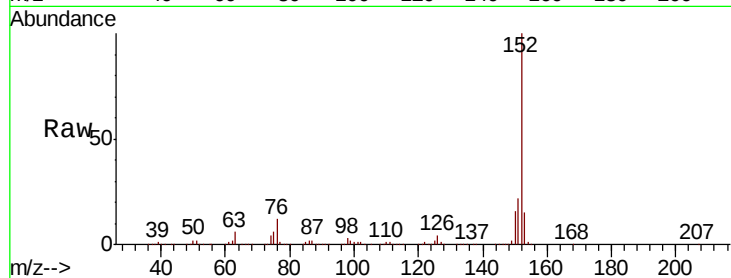




#49
Acenaphthylene
Concen: 41.856 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BF114848.D
Acq: 6 Jun 2019 8:39

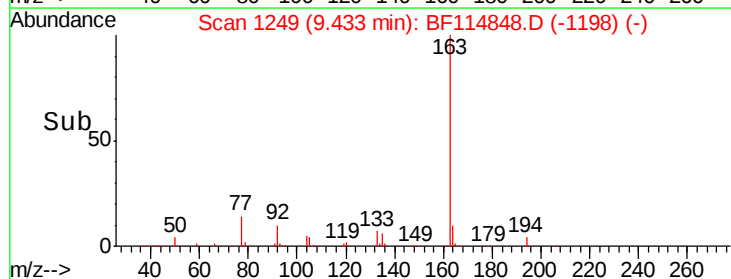
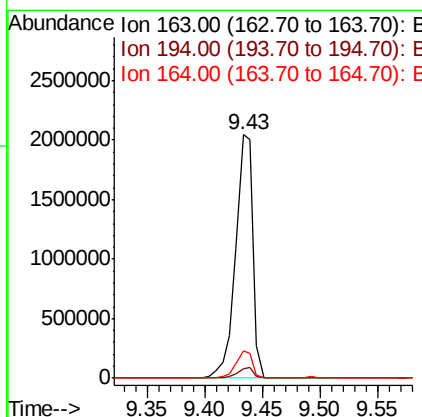
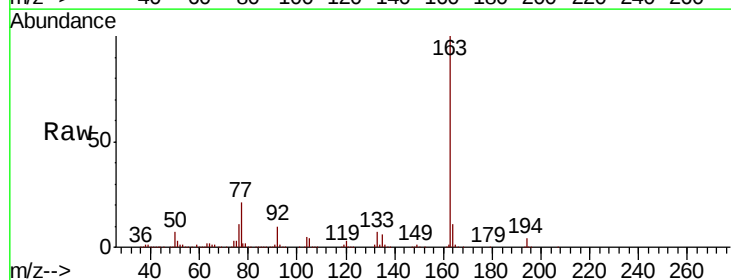
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

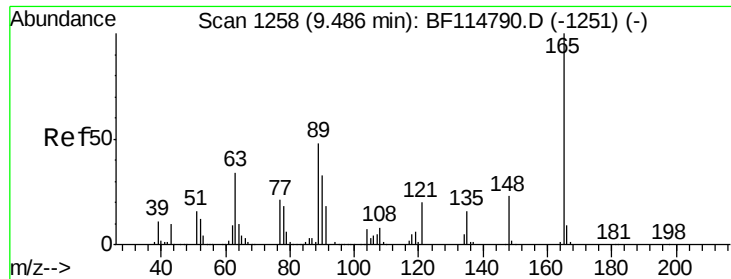
Tot Ion:152 Resp: 2655527
Ion Ratio Lower Upper
152 100
151 22.3 18.3 27.5
153 15.0 12.3 18.5



#50
Dimethylphthalate
Concen: 41.631 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.00 min
Lab File: BF114848.D
Acq: 6 Jun 2019 8:39

Tgt Ion:163 Resp: 2112265
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 11.0 8.6 13.0

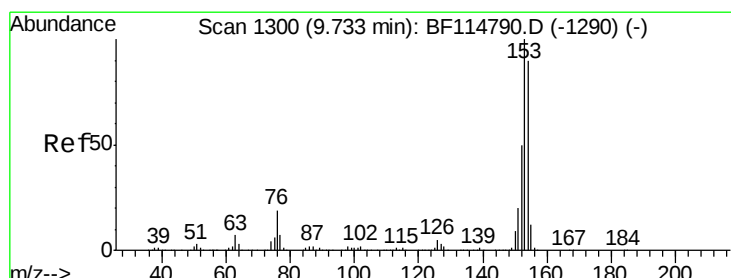
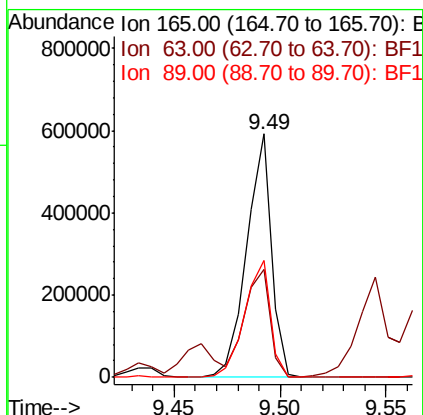
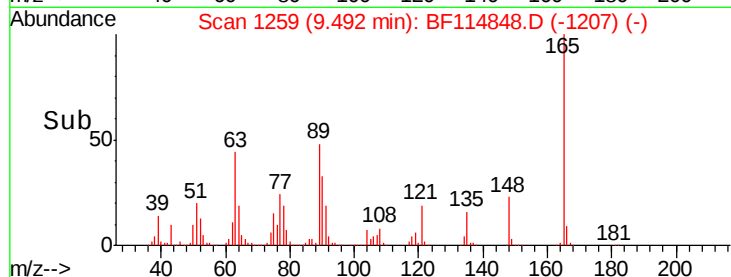
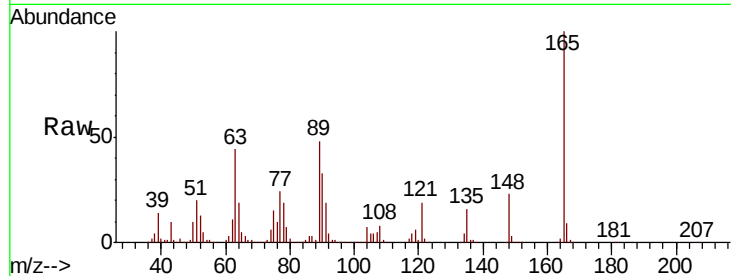




#51
 2,6-Dinitrotoluene
 Concen: 40.582 ng
 RT: 9.49 min Scan# 1259
 Delta R.T. 0.01 min
 Lab File: BF114848.D
 Acq: 6 Jun 2019 8:39

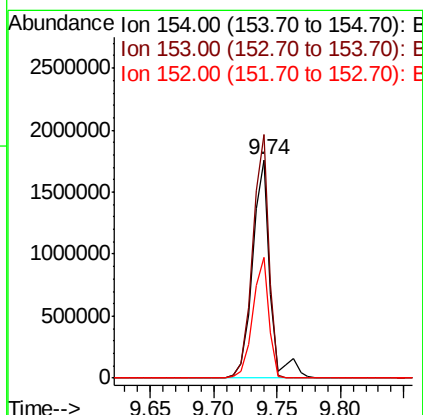
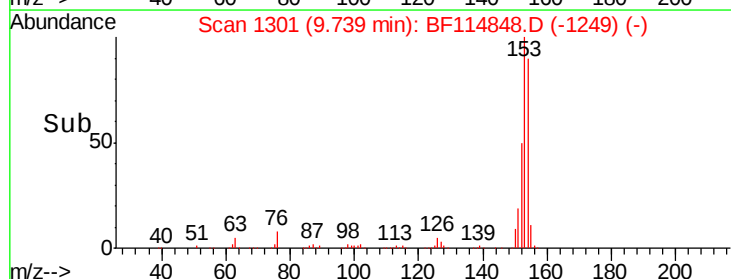
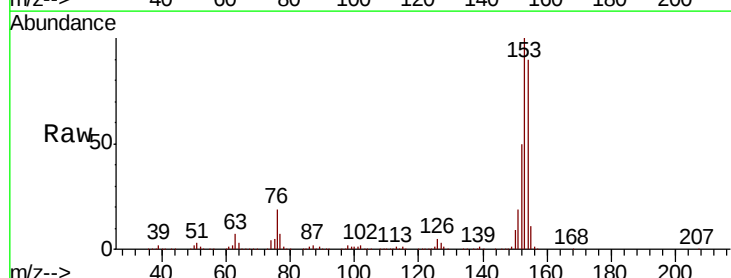
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

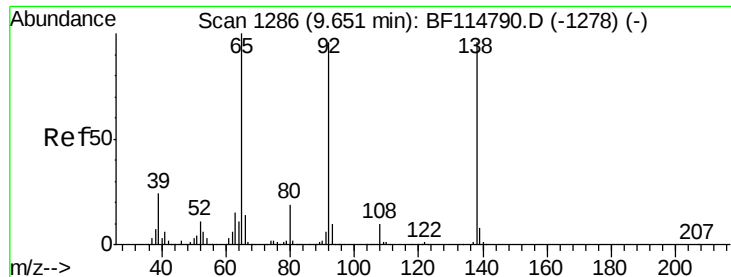
Tot Ion	Ratio	Lower	Upper
165	100		
63	44.4	35.1	52.7
89	48.0	38.2	57.2



#52
 Acenaphthene
 Concen: 41.107 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.01 min
 Lab File: BF114848.D
 Acq: 6 Jun 2019 8:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.4	88.5	132.7
152	55.2	44.1	66.1

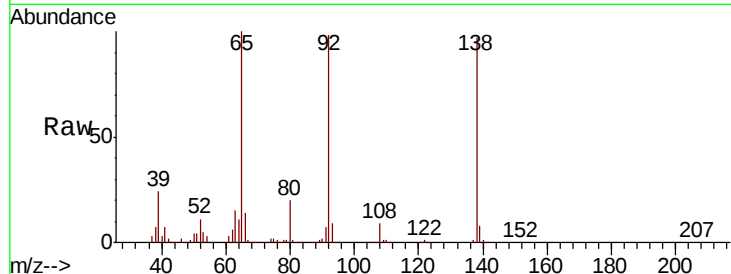




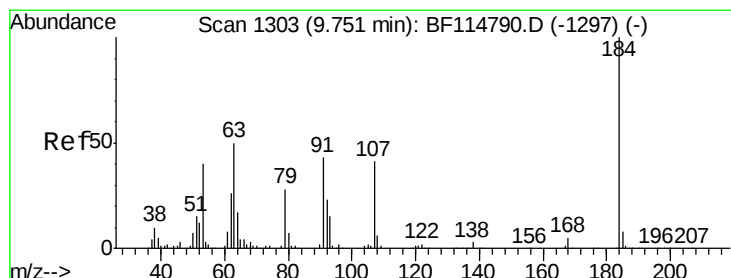
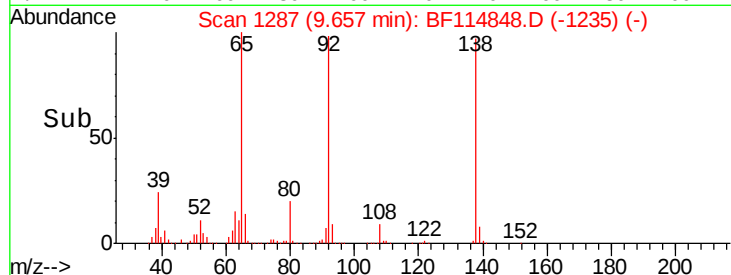
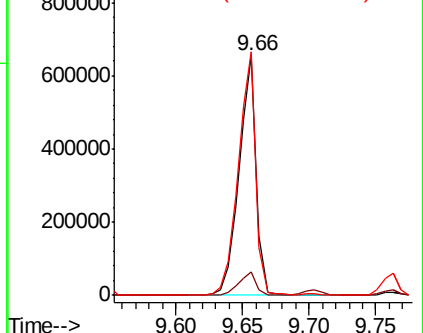
#53
3-Nitroaniline
Concen: 42.091 ng
RT: 9.66 min Scan# 1287
Delta R.T. 0.01 min
Lab File: BF114848.D
Acq: 6 Jun 2019 8:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 586715
Ion Ratio Lower Upper
138 100
108 9.7 7.9 11.9
92 101.6 79.9 119.9

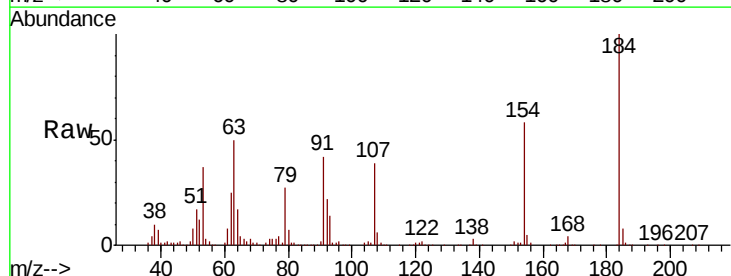


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

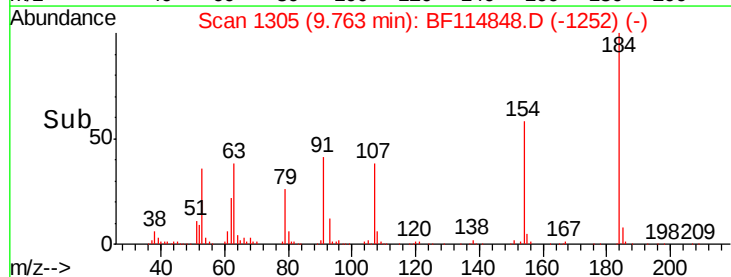
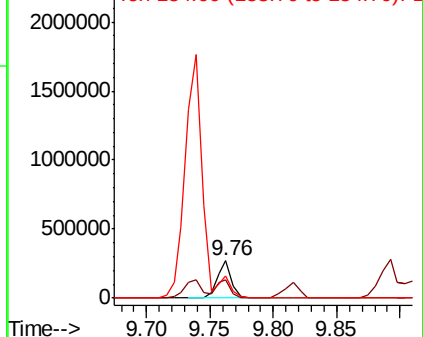


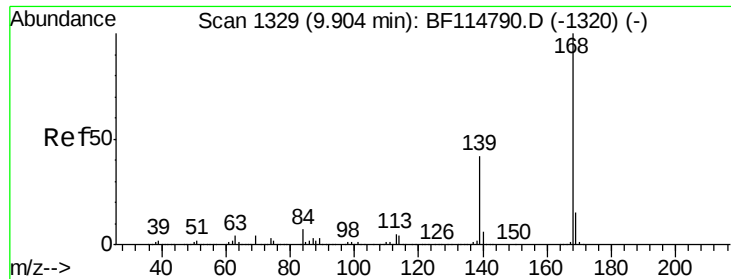
#54
2,4-Dinitrophenol
Concen: 40.798 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.01 min
Lab File: BF114848.D
Acq: 6 Jun 2019 8:39

Tgt Ion:184 Resp: 220288
Ion Ratio Lower Upper
184 100
63 50.4 44.1 66.1
154 57.9 48.1 72.1



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





#55

Dibenzofuran

Concen: 40.199 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF114848.D

Acq: 6 Jun 2019 8:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

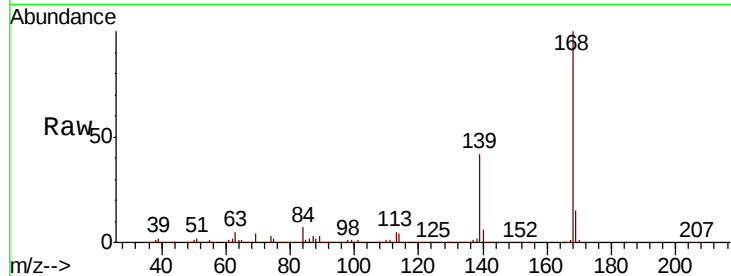
Tot Ion:168 Resp: 2323135

Ion Ratio Lower Upper

168 100

139 41.7 33.8 50.6

169 14.8 11.9 17.9

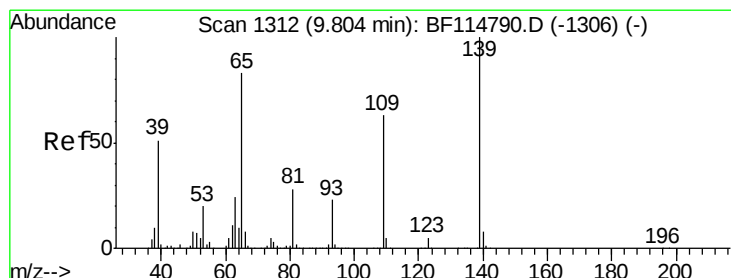
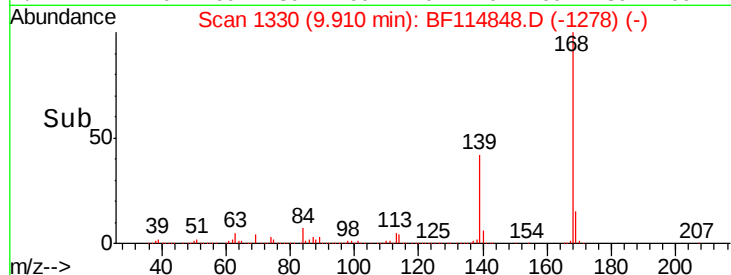
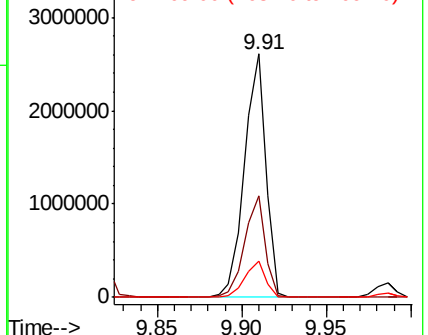


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 41.414 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF114848.D

Acq: 6 Jun 2019 8:39

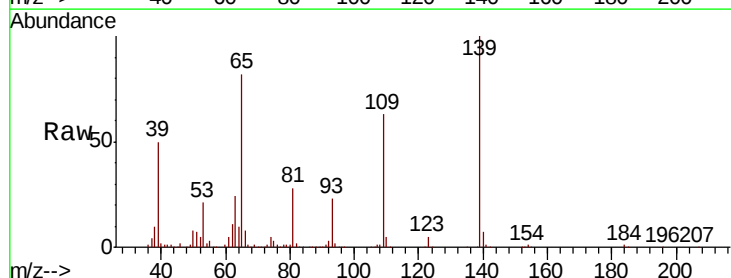
Tgt Ion:139 Resp: 423007

Ion Ratio Lower Upper

139 100

109 62.6 43.5 83.5

65 82.4 63.2 103.2

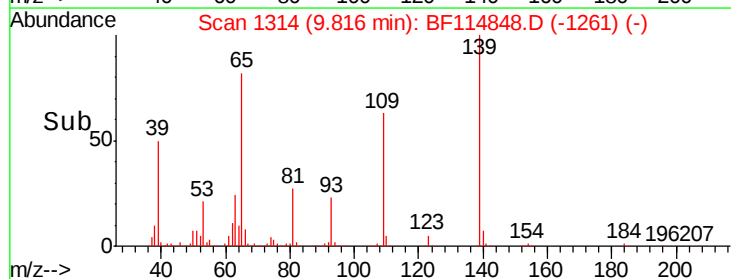
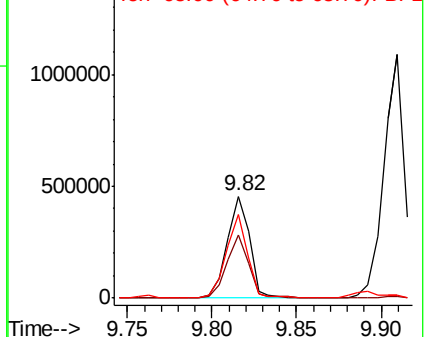


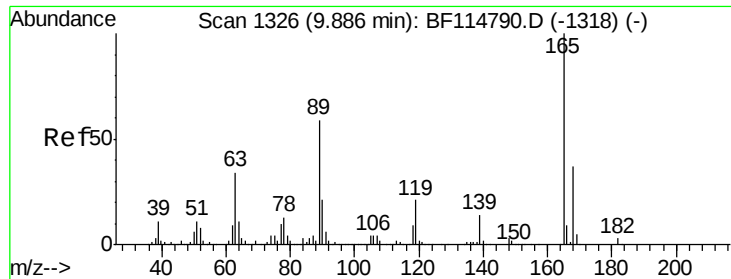
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

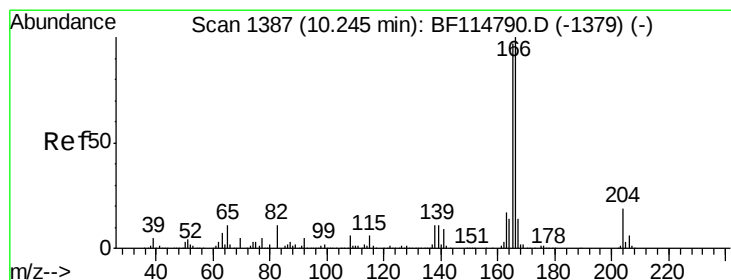
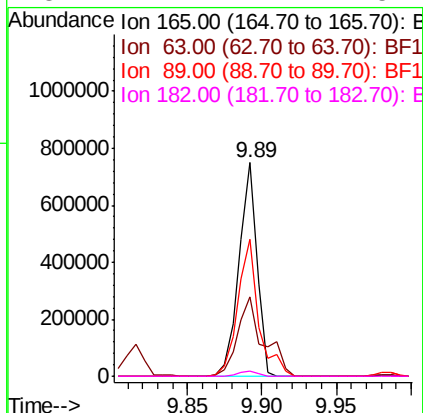
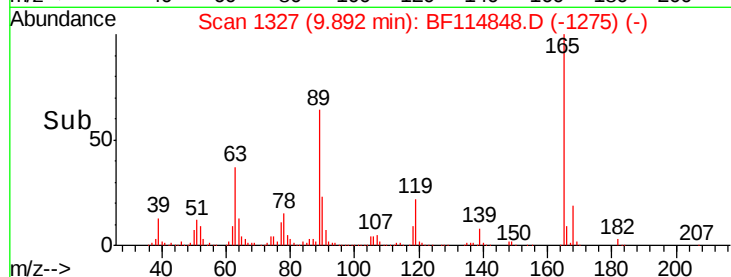
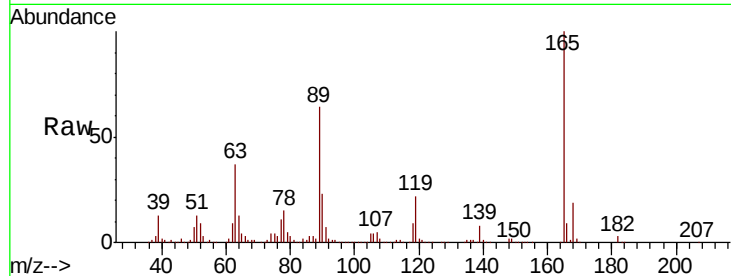




#57
2,4-Dinitrotoluene
Concen: 42.573 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF114848.D
Acq: 6 Jun 2019 8:39

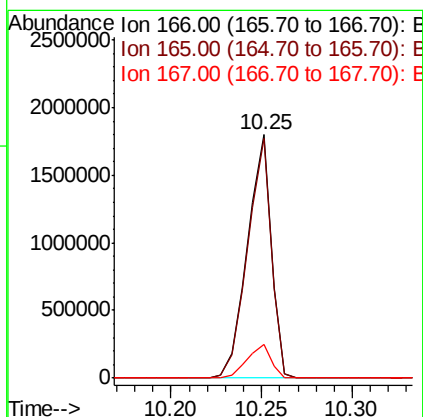
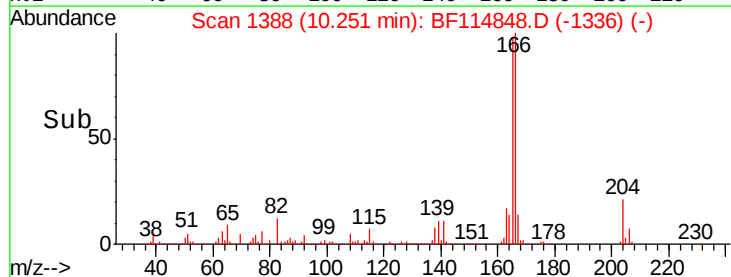
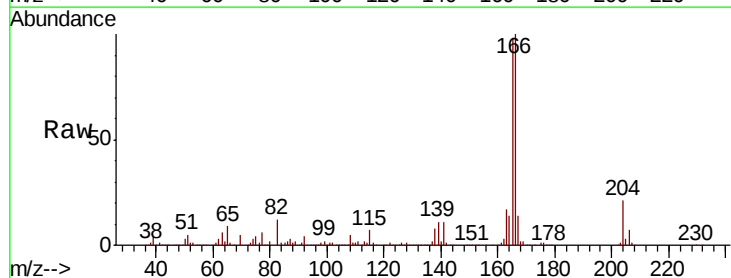
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

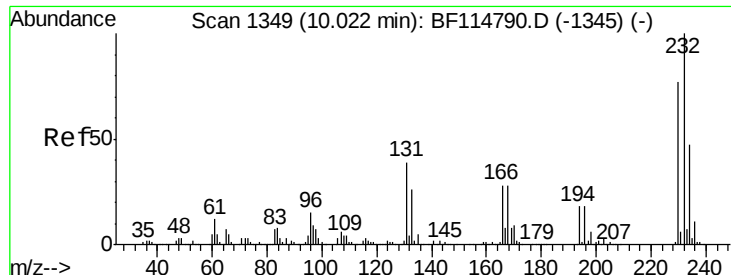
Tot Ion:165 Resp: 638604
Ion Ratio Lower Upper
165 100
63 37.0 27.0 40.4
89 64.0 47.0 70.6
182 2.7 2.2 3.2



#58
Fluorene
Concen: 44.491 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.01 min
Lab File: BF114848.D
Acq: 6 Jun 2019 8:39

Tgt Ion:166 Resp: 1651769
Ion Ratio Lower Upper
166 100
165 98.4 77.9 116.9
167 14.1 11.3 16.9

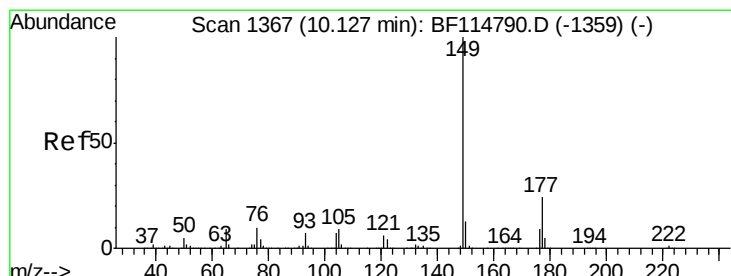
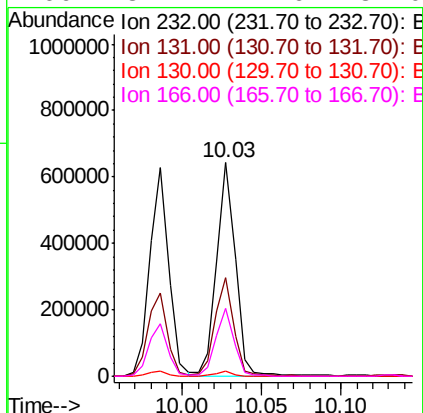
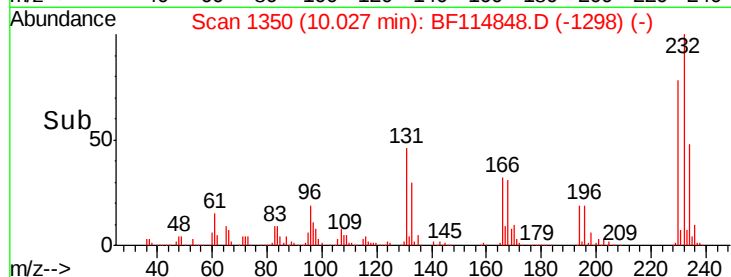
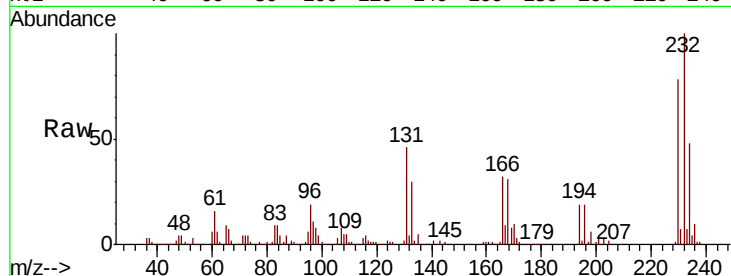




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.321 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF114848.D
Acq: 6 Jun 2019 8:39

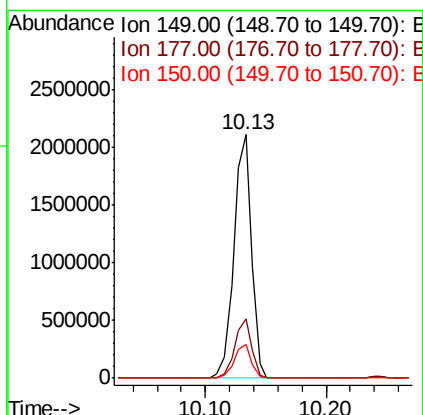
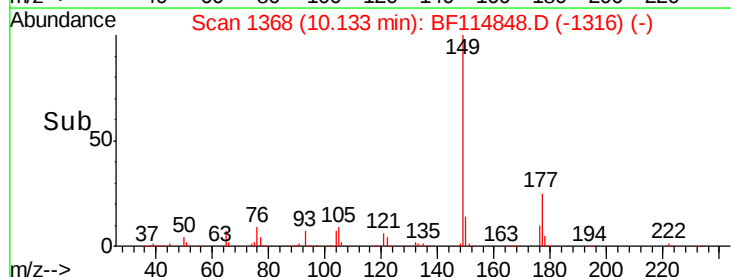
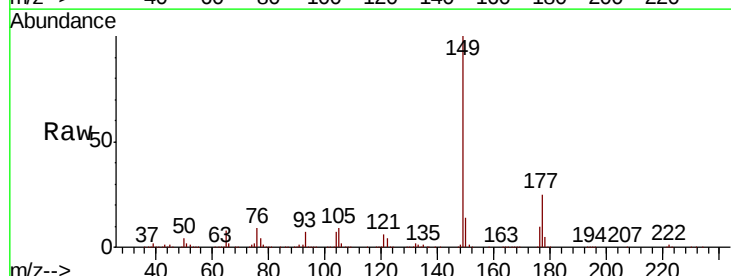
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

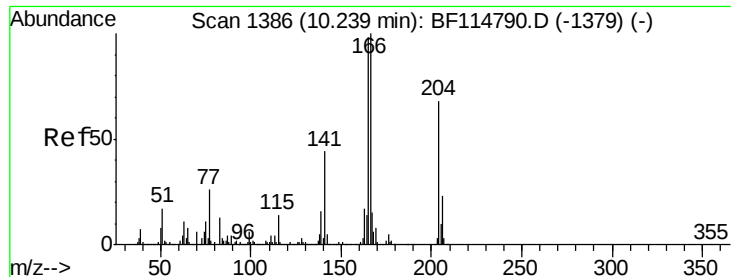
Tot Ion	Ratio	Lower	Upper
232	100		
131	46.2	36.8	55.2
130	2.2	1.8	2.6
166	31.1	24.6	37.0



#60
Diethylphthalate
Concen: 41.952 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF114848.D
Acq: 6 Jun 2019 8:39

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.6	19.3	28.9
150	13.6	10.7	16.1

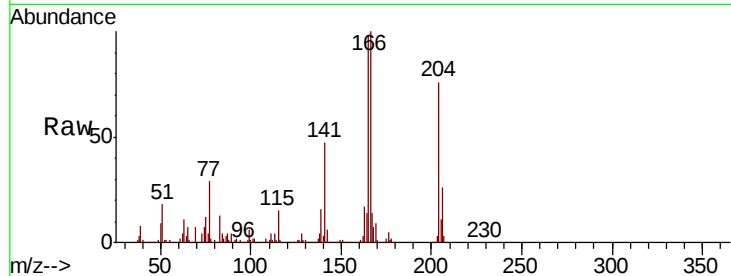




#61
4-Chlorophenyl-phenylether
Concen: 38.475 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.01 min
Lab File: BF114848.D
Acq: 6 Jun 2019 8:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	26.5	39.7
141	61.9	51.0	76.4

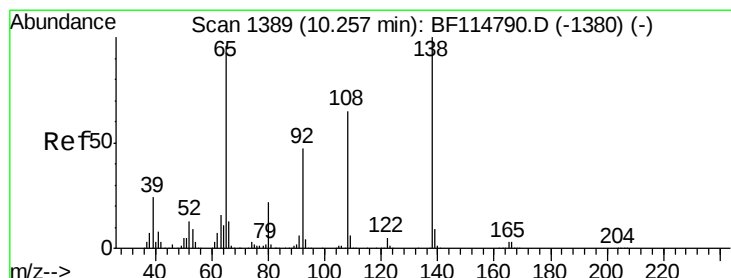
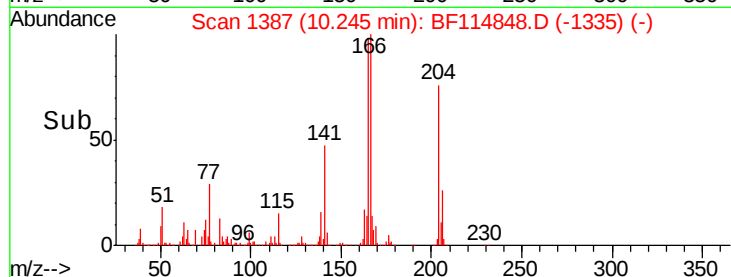
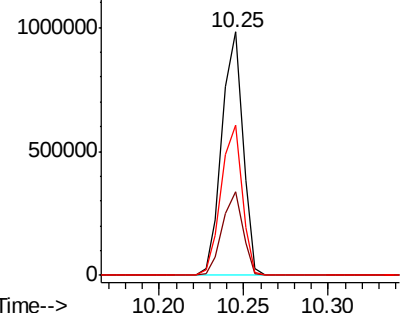


Abundance

Ion 204.00 (203.70 to 204.70): E

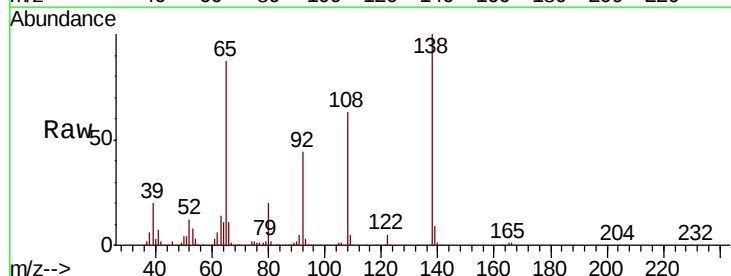
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 43.068 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF114848.D
Acq: 6 Jun 2019 8:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.1	26.5	66.5
108	63.1	45.4	85.4

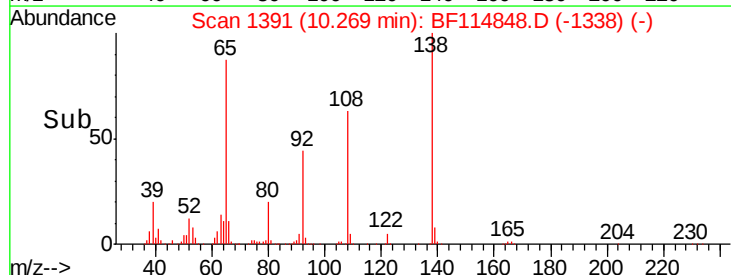
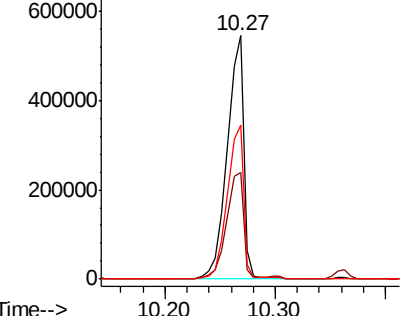


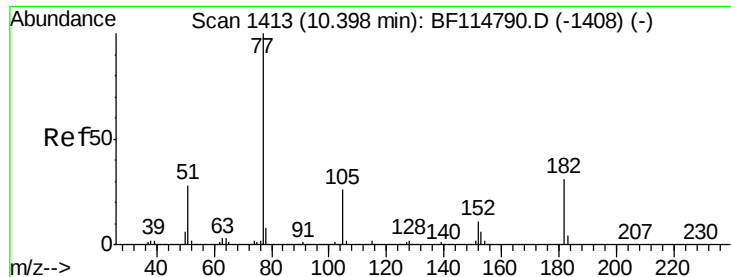
Abundance

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

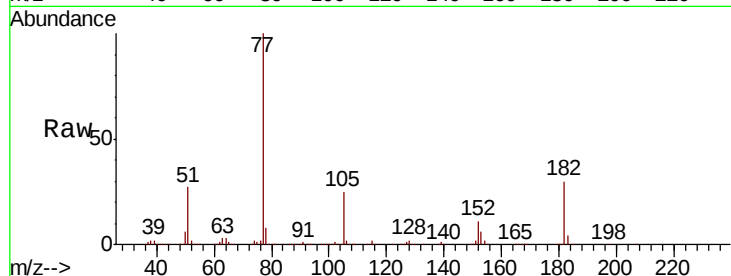




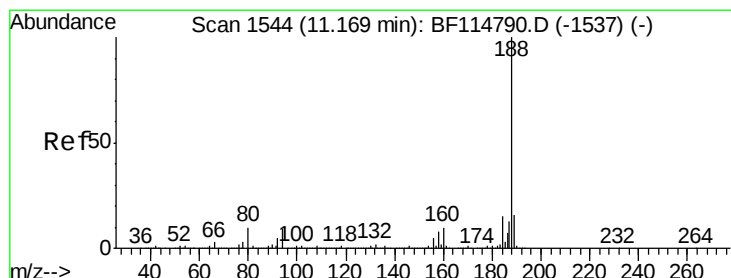
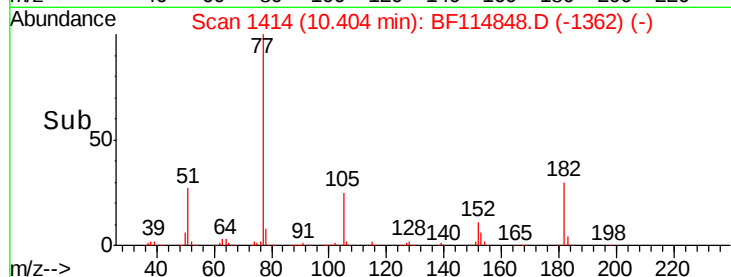
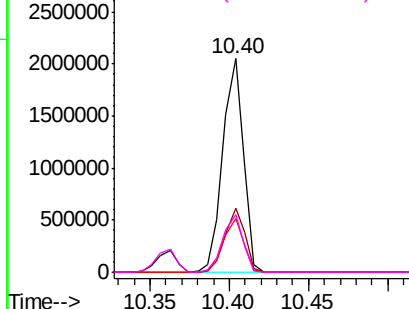
#63
Azobenzene
Concen: 42.681 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF114848.D
Acq: 6 Jun 2019 8:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 77 Resp: 1849694
Ion Ratio Lower Upper
77 100
182 30.0 11.2 51.2
105 25.3 5.7 45.7
51 27.0 8.0 48.0

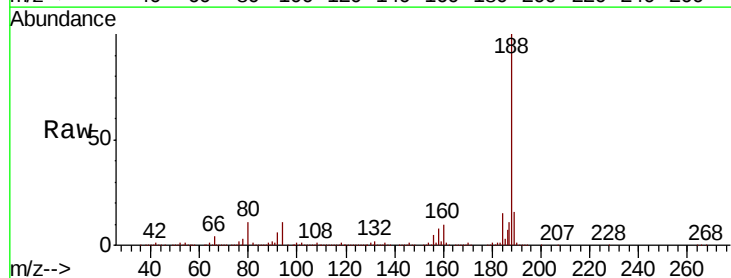


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

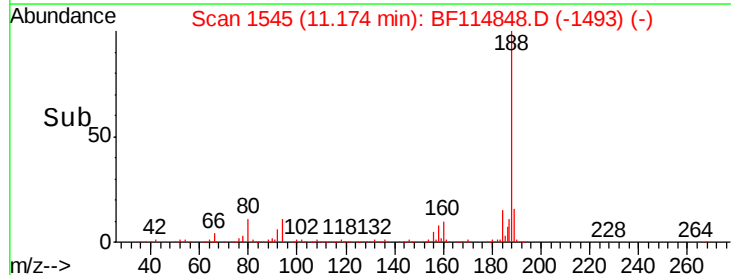
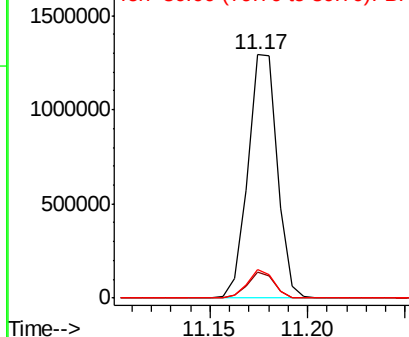


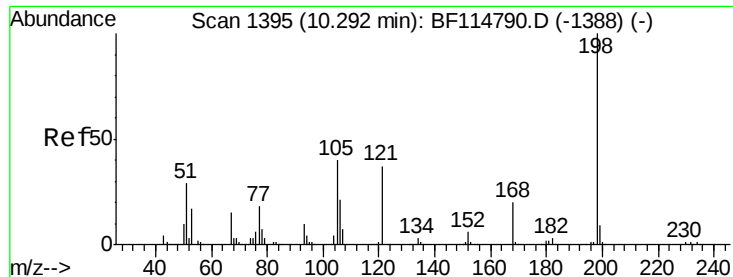
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF114848.D
Acq: 6 Jun 2019 8:39

Tgt Ion: 188 Resp: 1343774
Ion Ratio Lower Upper
188 100
94 10.6 7.6 11.4
80 11.5 8.3 12.5



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





#65

4,6-Dinitro-2-methylphenol

Concen: 40.344 ng

RT: 10.30 min Scan# 1397

Delta R.T. 0.01 min

Lab File: BF114848.D

Acq: 6 Jun 2019 8:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

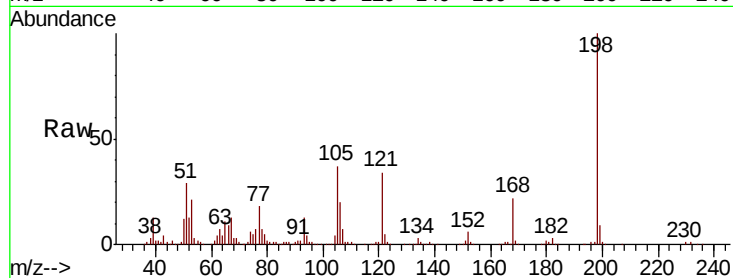
Tot Ion:198 Resp: 281612

Ion Ratio Lower Upper

198 100

51 28.8 14.9 54.9

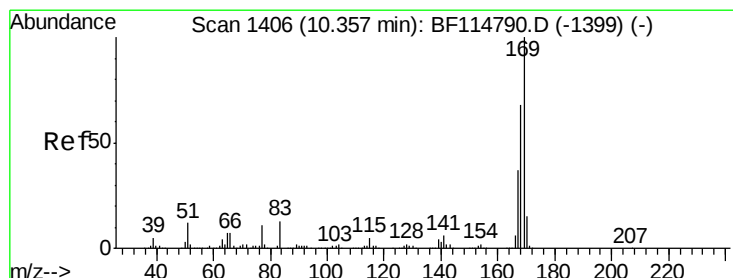
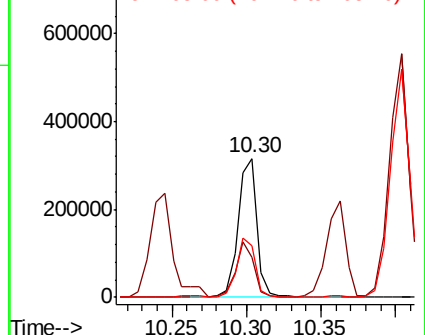
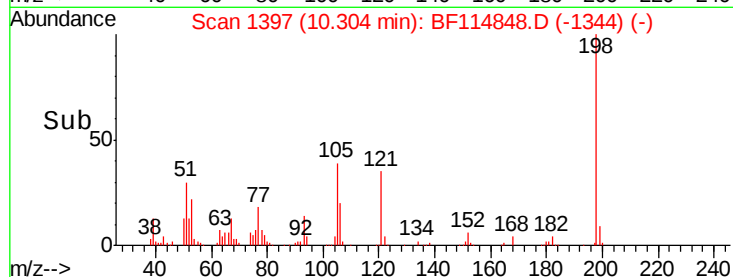
105 36.9 21.0 61.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.535 ng

RT: 10.36 min Scan# 1407

Delta R.T. 0.01 min

Lab File: BF114848.D

Acq: 6 Jun 2019 8:39

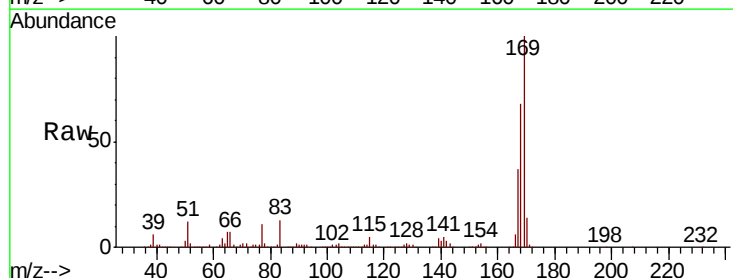
Tgt Ion:169 Resp: 1647064

Ion Ratio Lower Upper

169 100

168 67.9 54.3 81.5

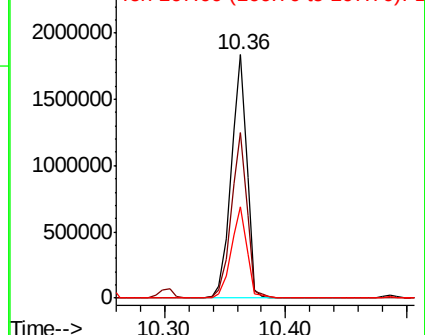
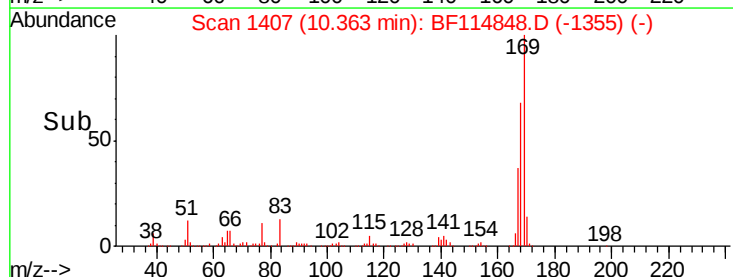
167 37.2 29.9 44.9

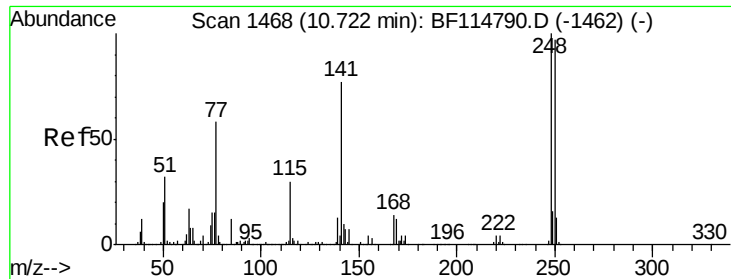


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

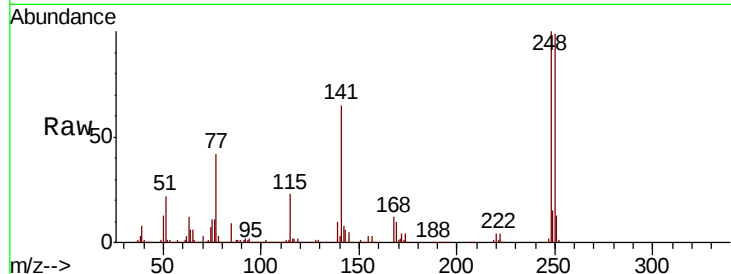




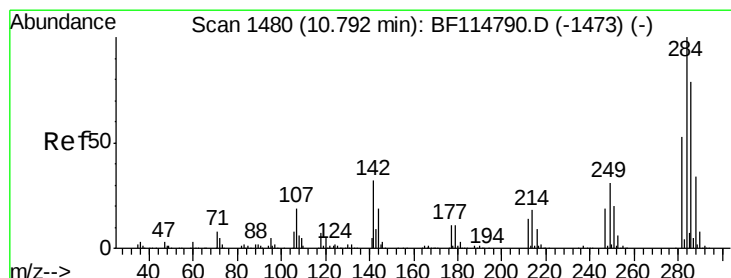
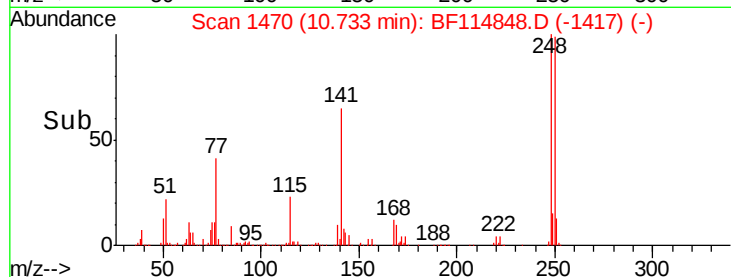
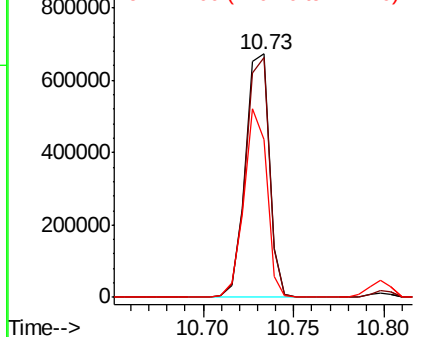
#67
4-Bromophenyl-phenylether
Concen: 40.633 ng
RT: 10.73 min Scan# 1470
Delta R.T. 0.01 min
Lab File: BF114848.D
Acq: 6 Jun 2019 8:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 620144
Ion Ratio Lower Upper
248 100
250 98.6 77.5 116.3
141 65.0 61.8 92.8

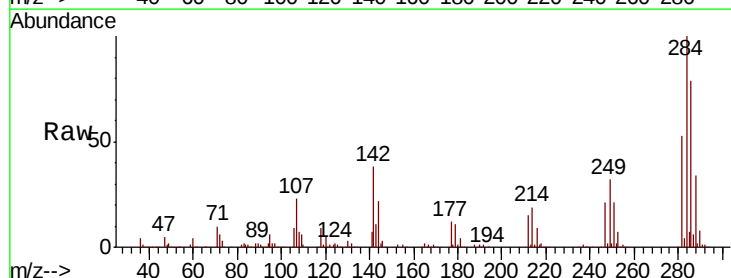


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

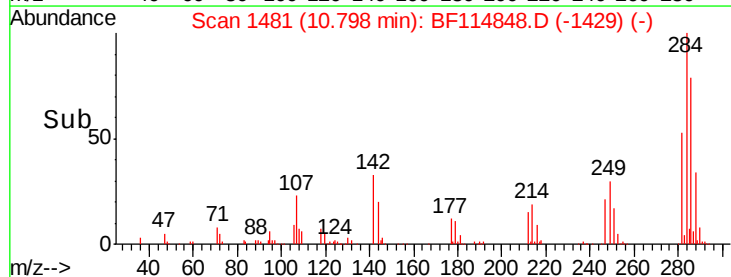
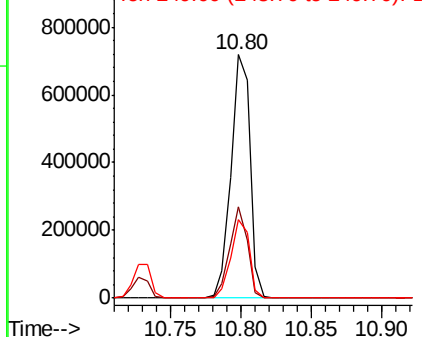


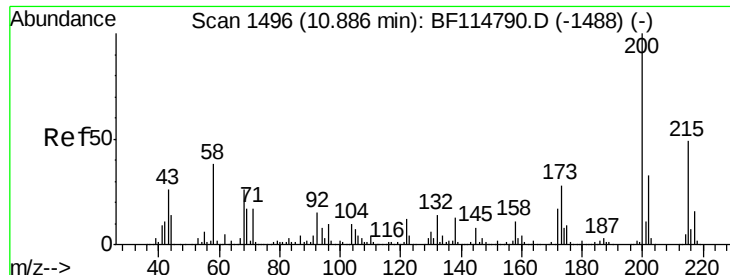
#68
Hexachlorobenzene
Concen: 40.311 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.01 min
Lab File: BF114848.D
Acq: 6 Jun 2019 8:39

Tgt Ion:284 Resp: 673309
Ion Ratio Lower Upper
284 100
142 37.5 25.3 37.9
249 32.0 24.9 37.3



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 42.017 ng

RT: 10.89 min Scan# 1497

Delta R.T. 0.01 min

Lab File: BF114848.D

Acq: 6 Jun 2019 8:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

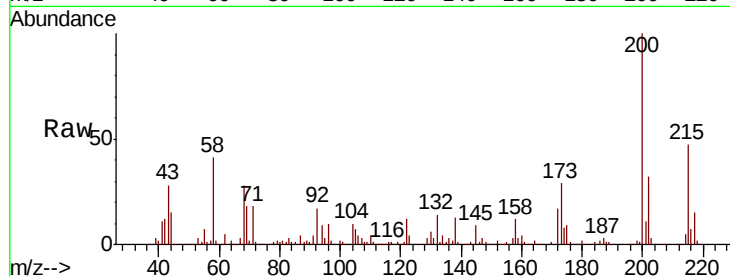
Tot Ion:200 Resp: 593777

Ion Ratio Lower Upper

200 100

173 28.6 8.0 48.0

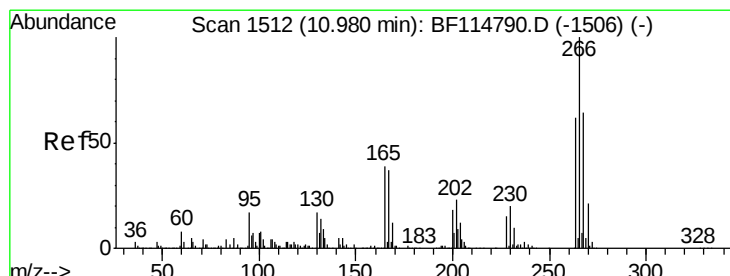
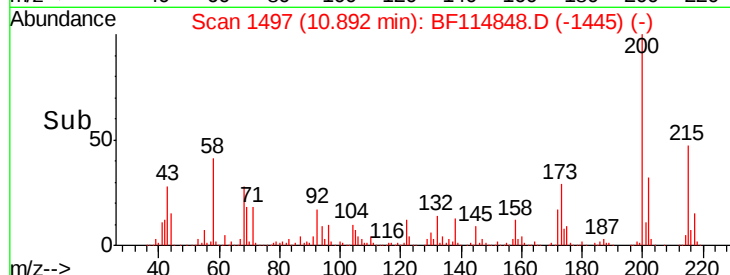
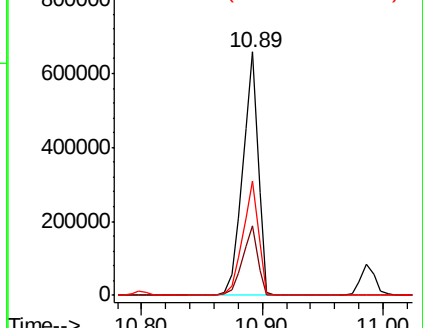
215 47.1 28.7 68.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 41.354 ng

RT: 10.99 min Scan# 1513

Delta R.T. 0.01 min

Lab File: BF114848.D

Acq: 6 Jun 2019 8:39

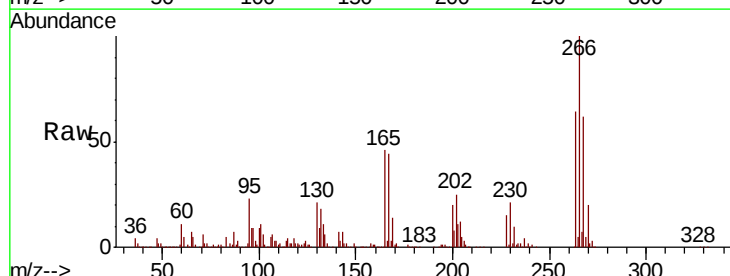
Tgt Ion:266 Resp: 399311

Ion Ratio Lower Upper

266 100

268 62.1 51.0 76.6

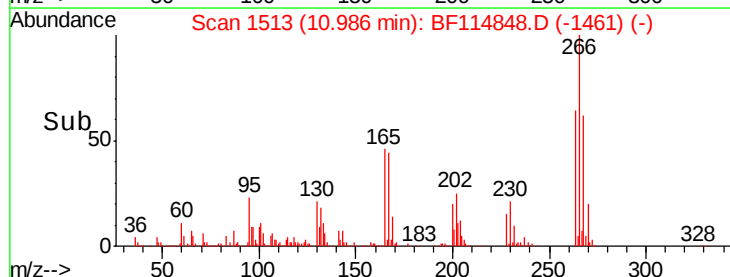
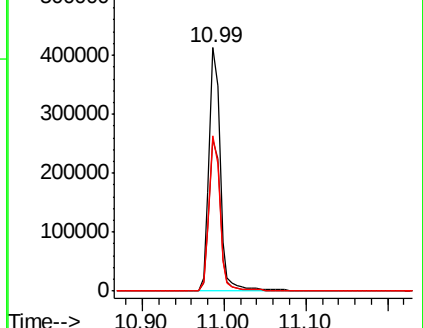
264 63.7 49.6 74.4

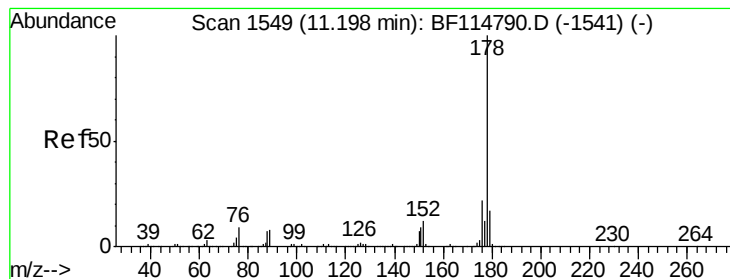


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.777 ng

RT: 11.20 min Scan# 1550

Delta R.T. 0.01 min

Lab File: BF114848.D

Acq: 6 Jun 2019 8:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

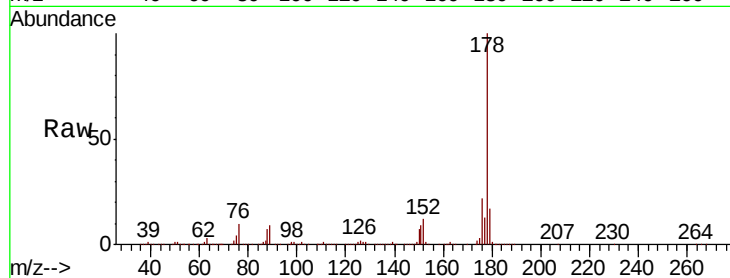
Tot Ion:178 Resp: 2679992

Ion Ratio Lower Upper

178 100

176 22.0 17.7 26.5

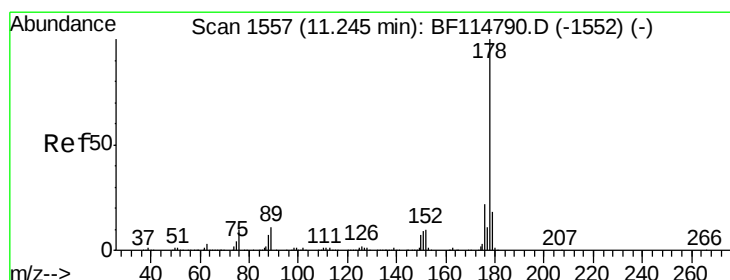
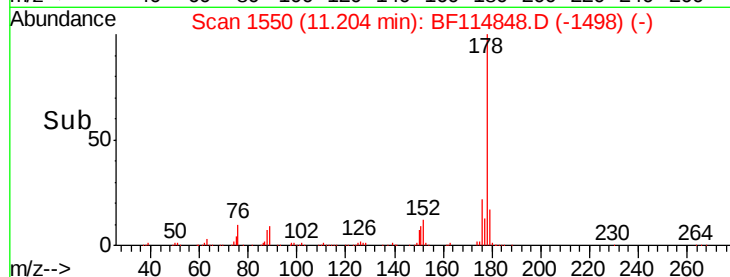
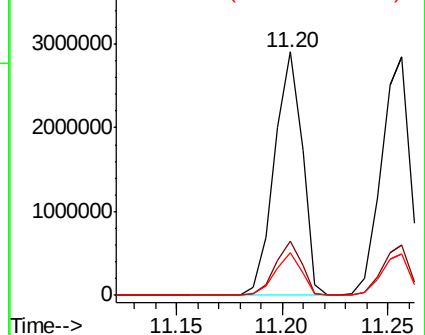
179 17.3 13.7 20.5



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: 40.088 ng

RT: 11.26 min Scan# 1559

Delta R.T. 0.01 min

Lab File: BF114848.D

Acq: 6 Jun 2019 8:39

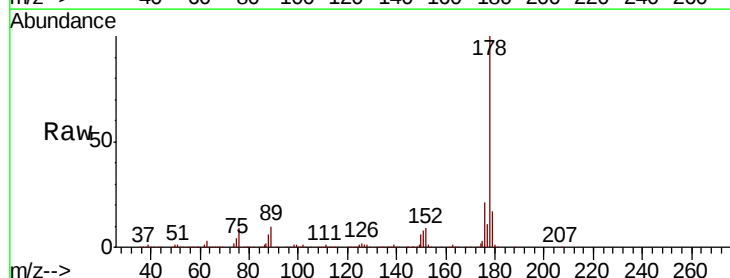
Tgt Ion:178 Resp: 2706442

Ion Ratio Lower Upper

178 100

176 21.0 17.4 26.0

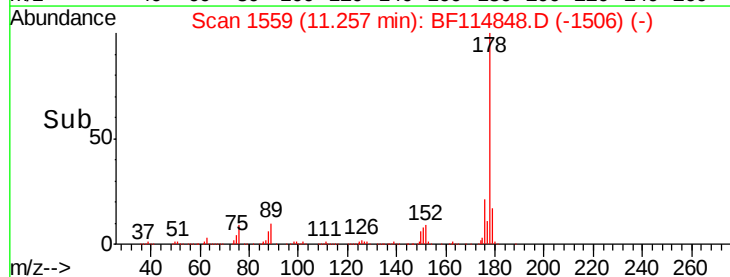
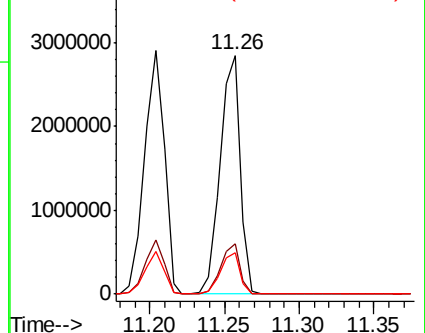
179 17.3 14.2 21.4

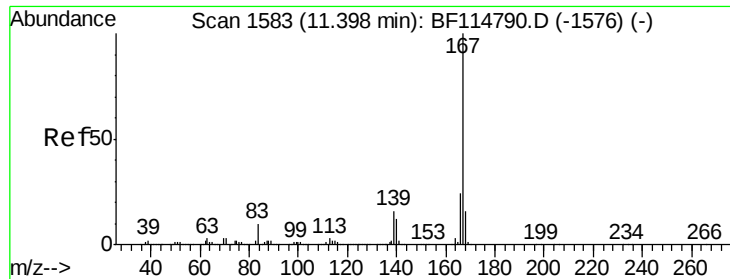


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 42.118 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BF114848.D

Acq: 6 Jun 2019 8:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

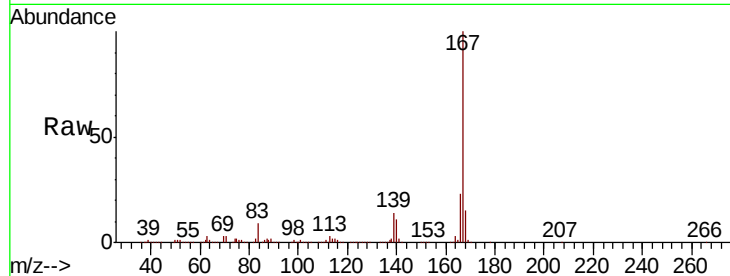
Tot Ion:167 Resp: 2437561

Ion Ratio Lower Upper

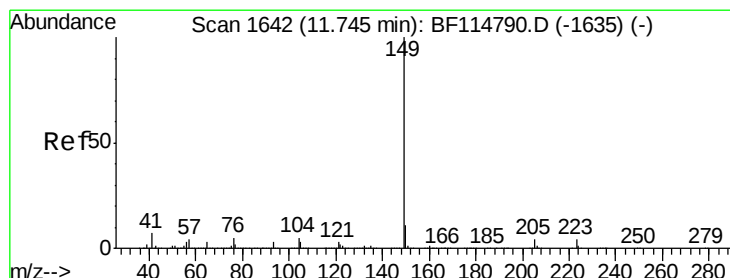
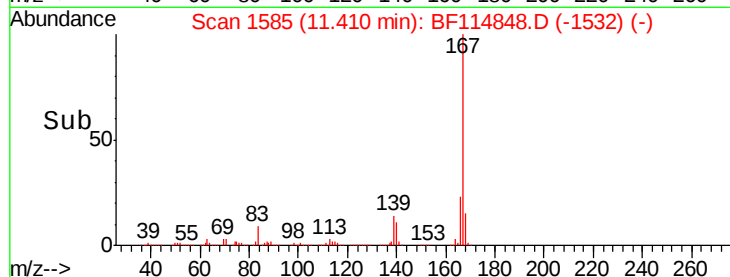
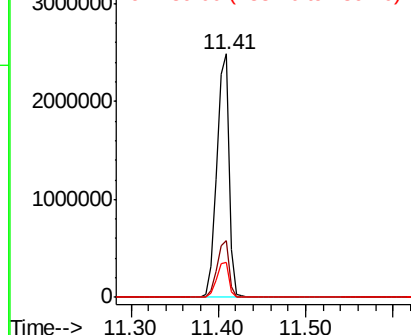
167 100

166 23.3 19.1 28.7

139 14.5 12.4 18.6



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



#74

Di-n-butylphthalate

Concen: 41.668 ng

RT: 11.75 min Scan# 1643

Delta R.T. 0.01 min

Lab File: BF114848.D

Acq: 6 Jun 2019 8:39

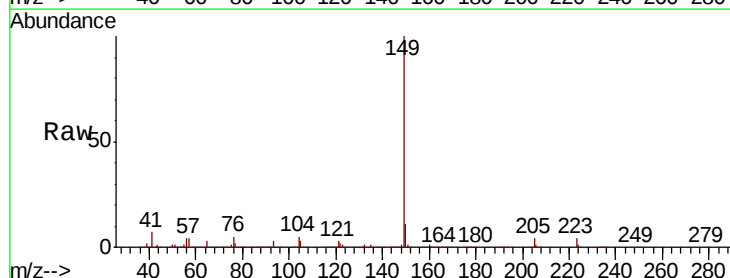
Tgt Ion:149 Resp: 3171811

Ion Ratio Lower Upper

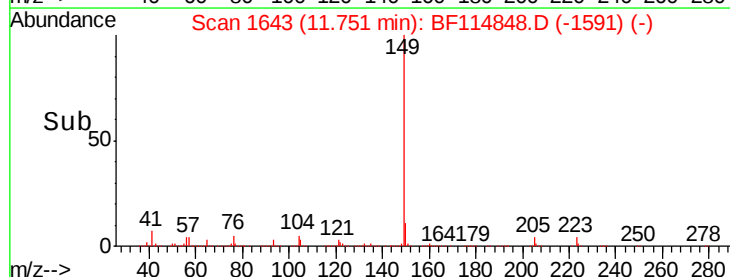
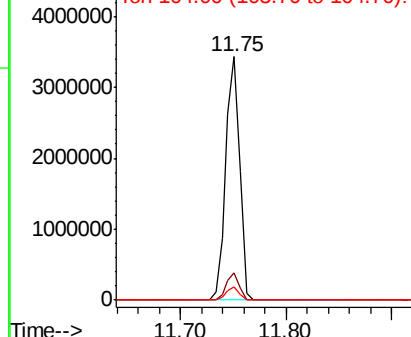
149 100

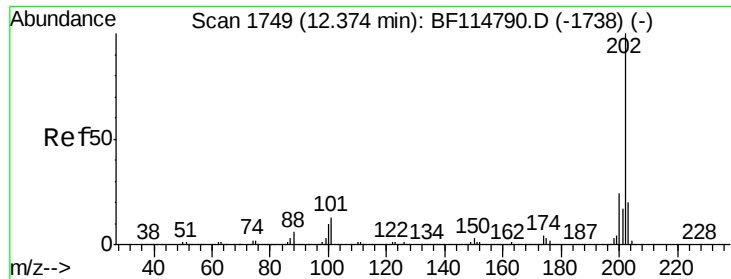
150 11.0 8.9 13.3

104 5.4 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.464 ng

RT: 12.39 min Scan# 1751

Delta R.T. 0.01 min

Lab File: BF114848.D

Acq: 6 Jun 2019 8:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

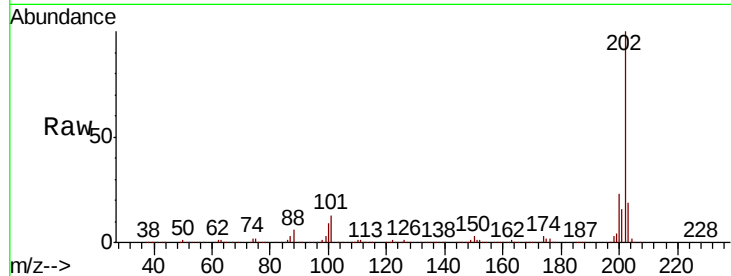
Tot Ion:202 Resp: 2701719

Ion Ratio Lower Upper

202 100

101 12.6 0.0 32.8

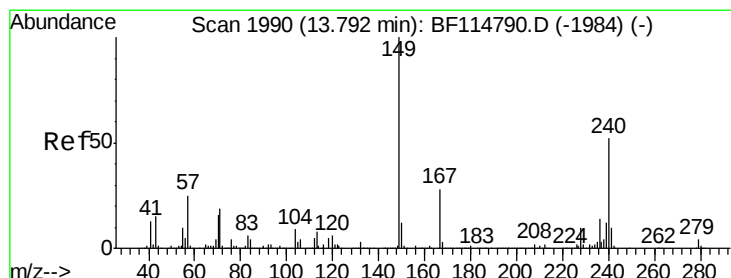
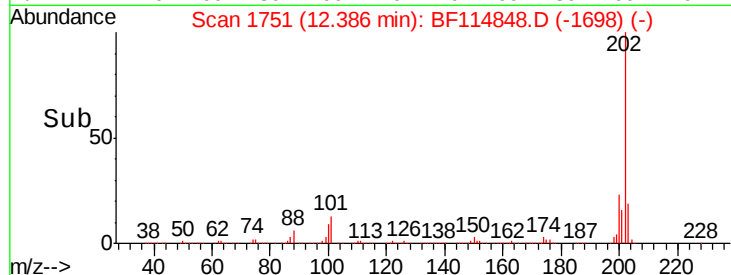
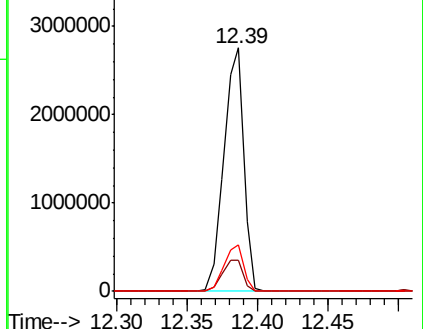
203 19.2 0.2 40.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.80 min Scan# 1992

Delta R.T. 0.01 min

Lab File: BF114848.D

Acq: 6 Jun 2019 8:39

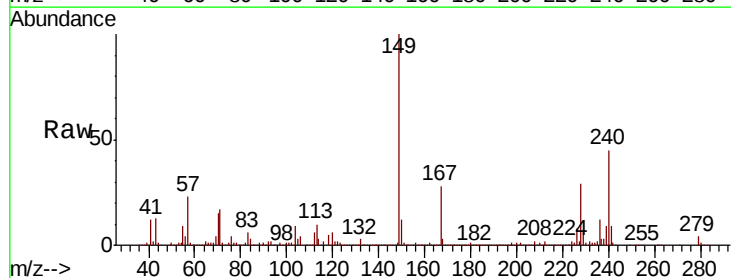
Tgt Ion:240 Resp: 791587

Ion Ratio Lower Upper

240 100

120 12.9 9.0 13.4

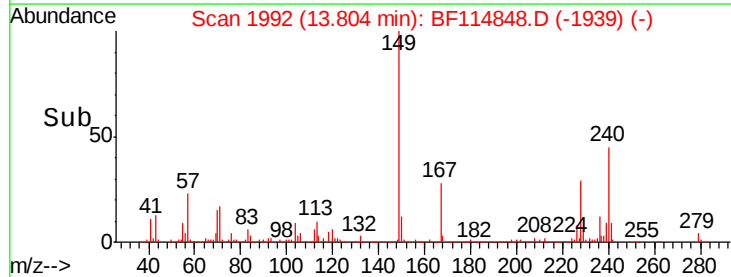
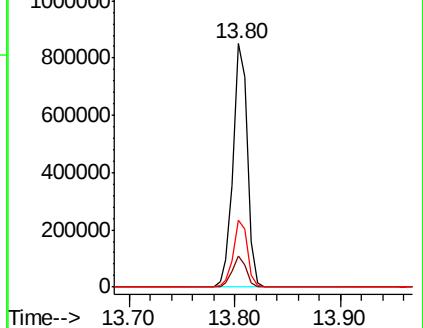
236 27.4 21.4 32.0

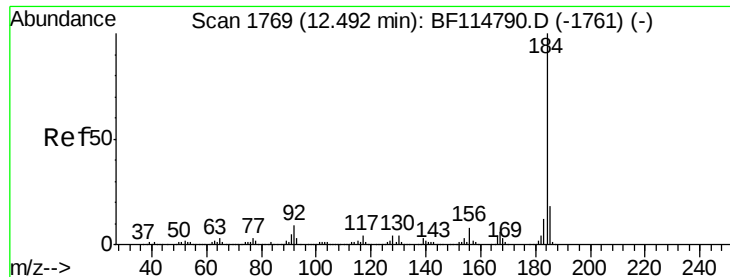


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.814 ng

RT: 12.50 min Scan# 1771

Delta R.T. 0.01 min

Lab File: BF114848.D

Acq: 6 Jun 2019 8:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

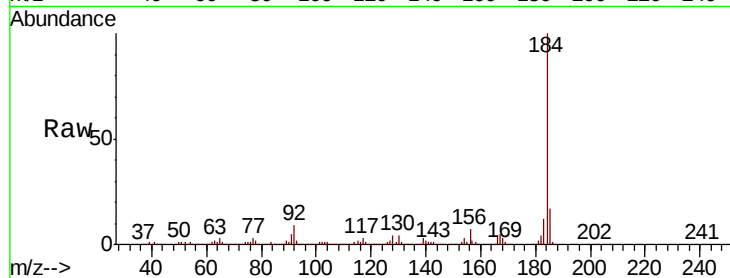
Tot Ion:184 Resp: 1756153

Ion Ratio Lower Upper

184 100

185 16.5 14.1 21.1

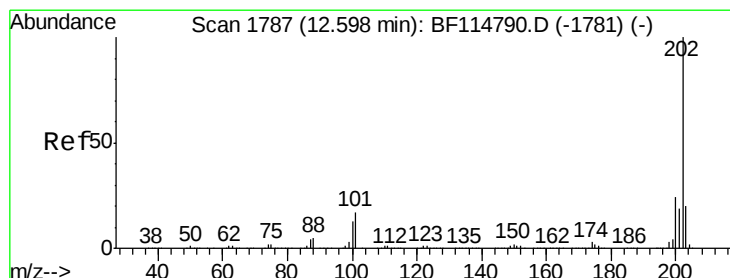
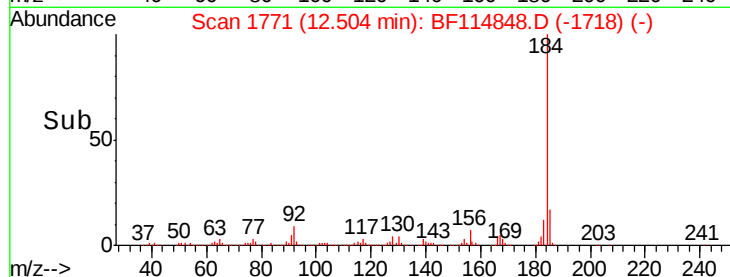
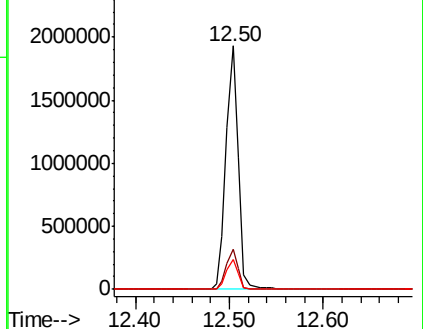
183 12.2 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.053 ng

RT: 12.61 min Scan# 1789

Delta R.T. 0.01 min

Lab File: BF114848.D

Acq: 6 Jun 2019 8:39

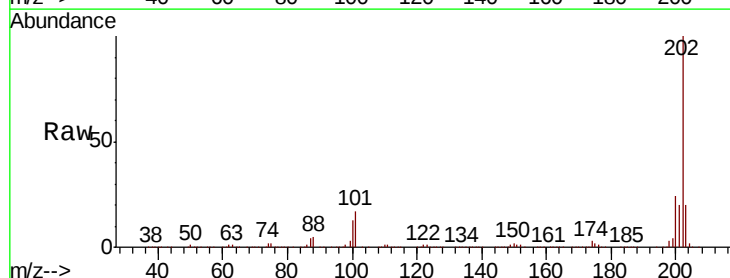
Tgt Ion:202 Resp: 2750472

Ion Ratio Lower Upper

202 100

200 24.1 19.2 28.8

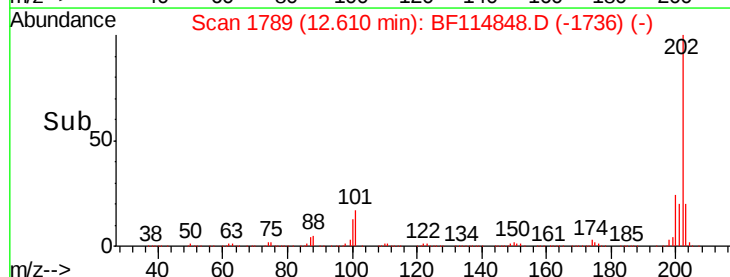
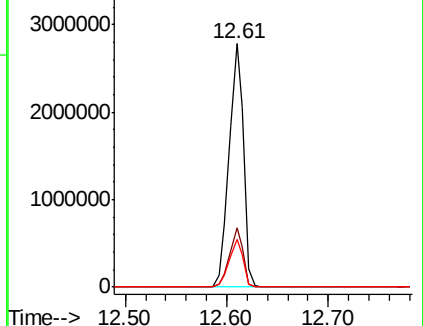
203 19.6 15.9 23.9

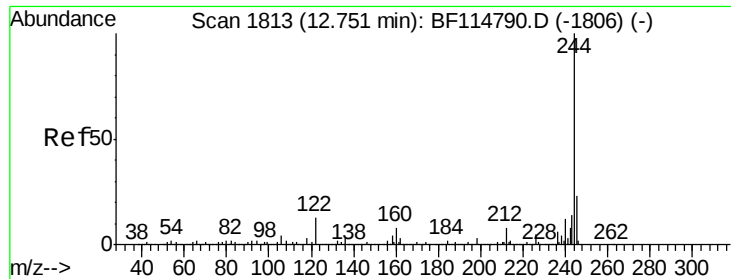


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.247 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF114848.D

Acq: 6 Jun 2019 8:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

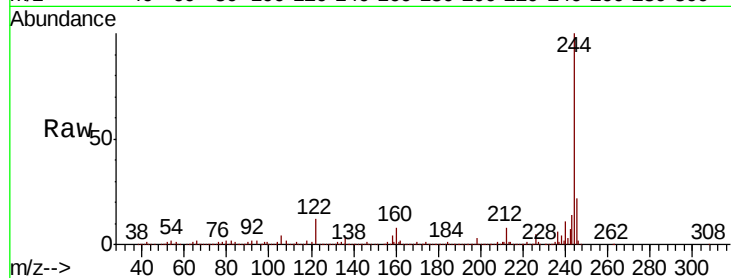
Tot Ion:244 Resp: 3266354

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

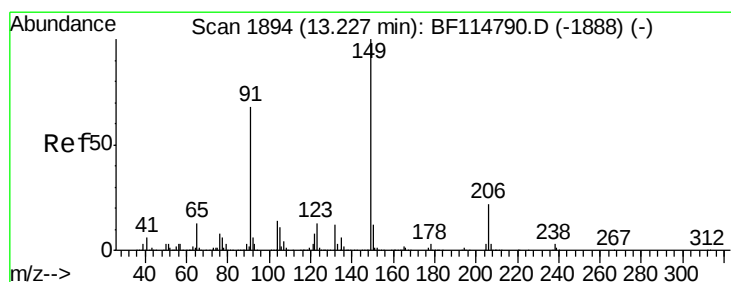
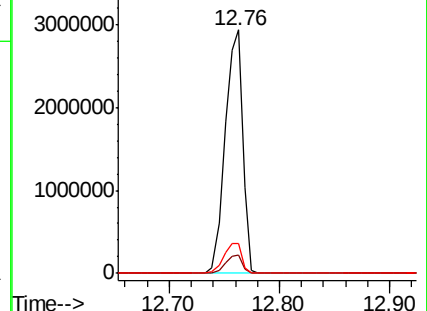
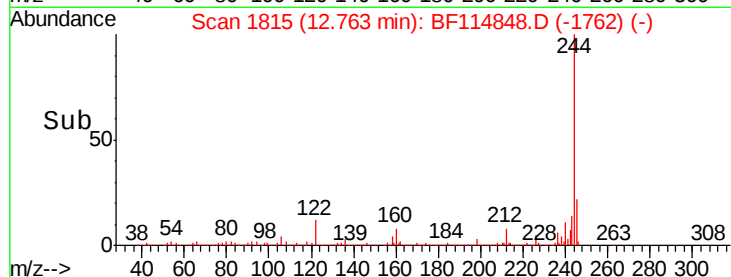
122 12.1 10.5 15.7



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: 42.012 ng

RT: 13.24 min Scan# 1896

Delta R.T. 0.01 min

Lab File: BF114848.D

Acq: 6 Jun 2019 8:39

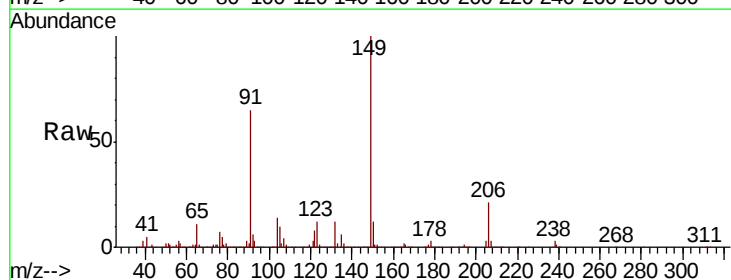
Tgt Ion:149 Resp: 1456856

Ion Ratio Lower Upper

149 100

91 64.9 54.6 82.0

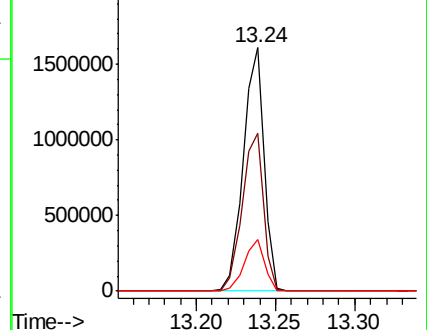
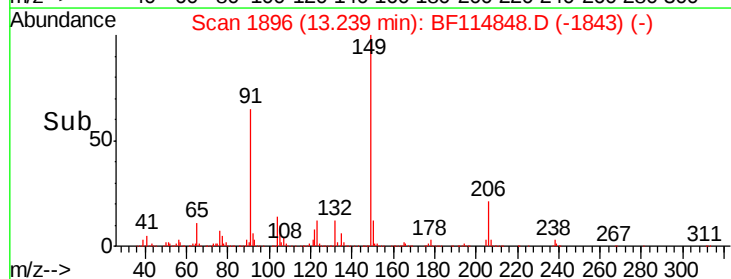
206 21.2 17.2 25.8

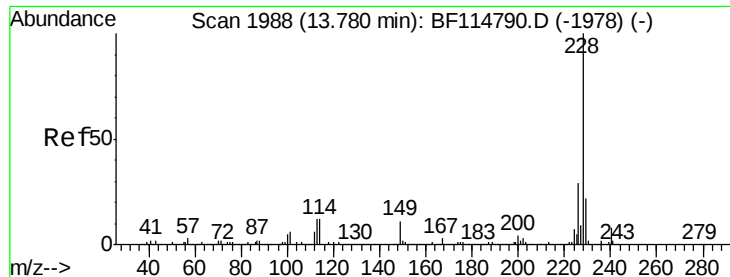


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.319 ng

RT: 13.79 min Scan# 1990

Delta R.T. 0.01 min

Lab File: BF114848.D

Acq: 6 Jun 2019 8:39

Instrument :

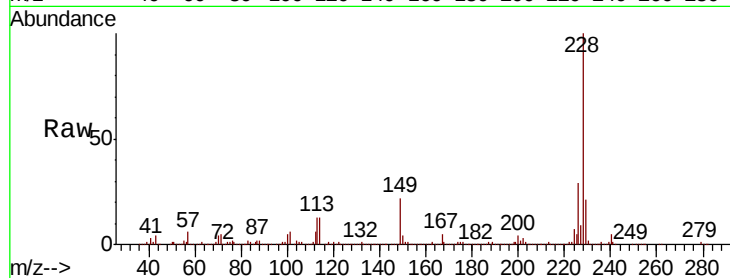
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 2398445

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.4	35.2
229	21.2	17.4	26.0

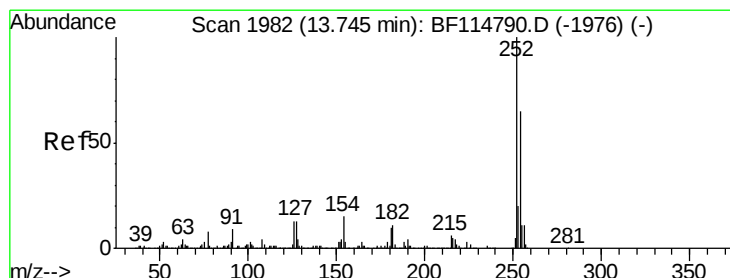
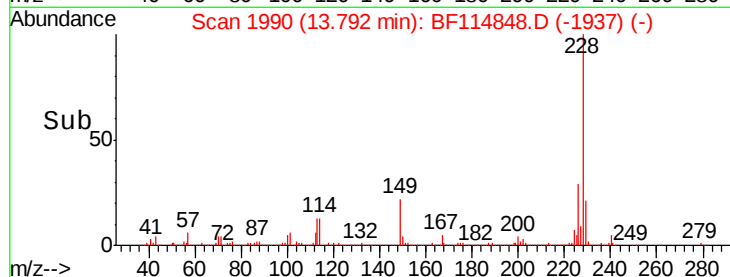
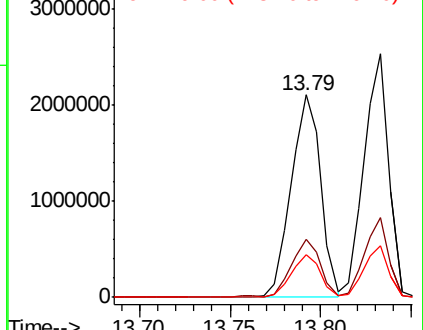


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.961 ng

RT: 13.76 min Scan# 1984

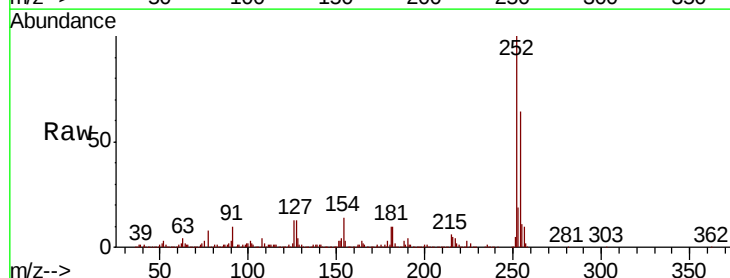
Delta R.T. 0.01 min

Lab File: BF114848.D

Acq: 6 Jun 2019 8:39

Tgt Ion:252 Resp: 1037891

Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.9	77.9
126	13.2	10.5	15.7

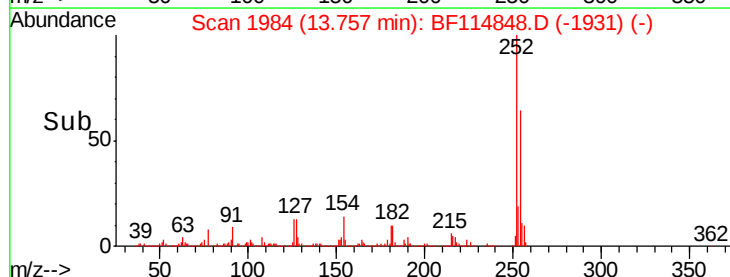
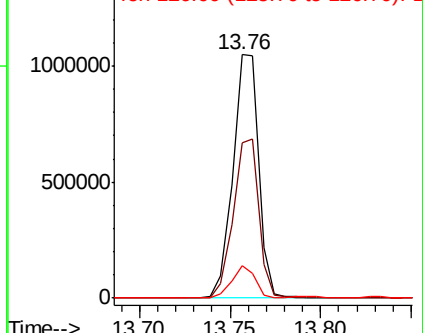


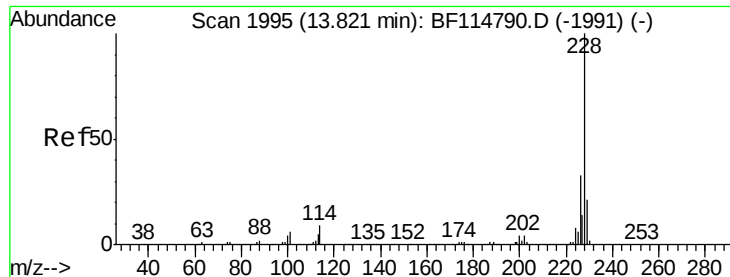
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.381 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BF114848.D

Acq: 6 Jun 2019 8:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

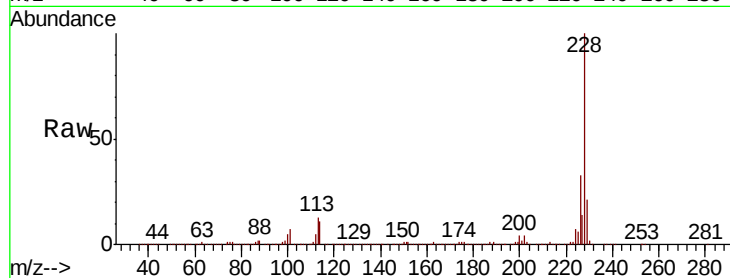
Tot Ion:228 Resp: 2396230

Ion Ratio Lower Upper

228 100

226 32.7 26.0 39.0

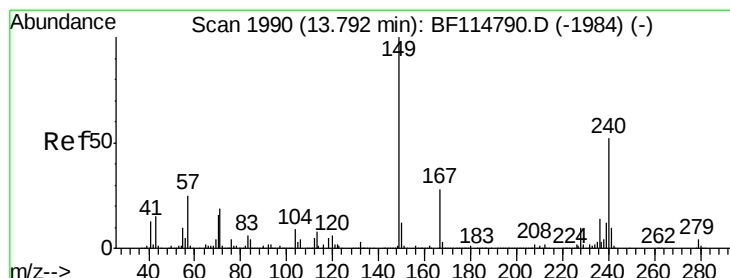
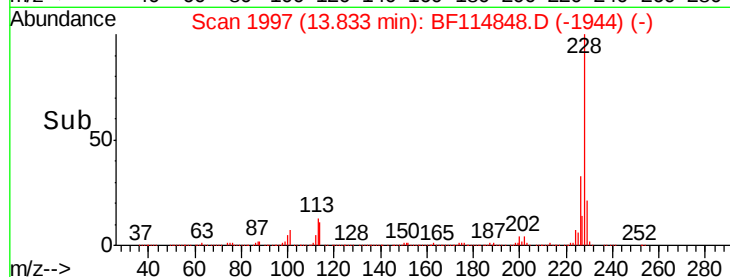
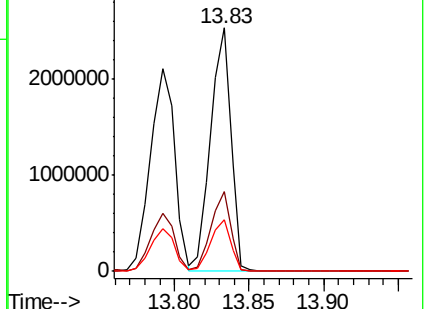
229 21.4 17.1 25.7



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: 40.086 ng

RT: 13.80 min Scan# 1992

Delta R.T. 0.01 min

Lab File: BF114848.D

Acq: 6 Jun 2019 8:39

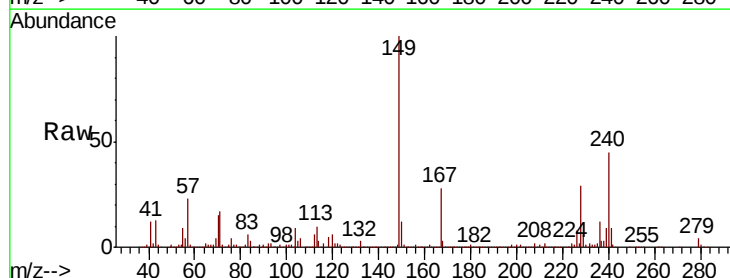
Tgt Ion:149 Resp: 1757748

Ion Ratio Lower Upper

149 100

167 28.4 22.7 34.1

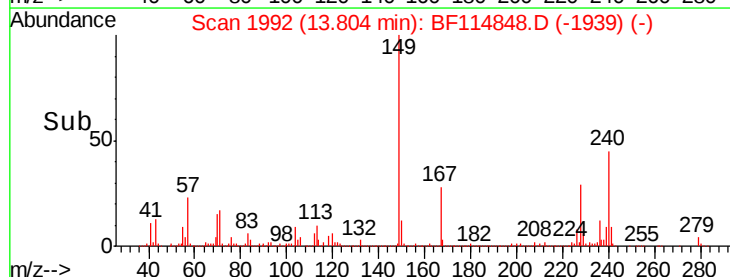
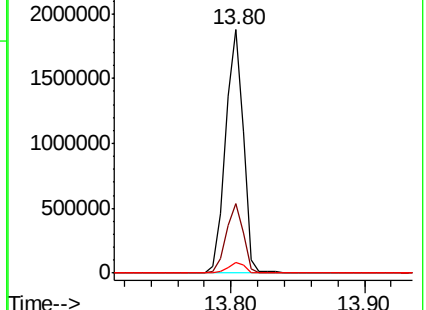
279 4.3 3.1 4.7

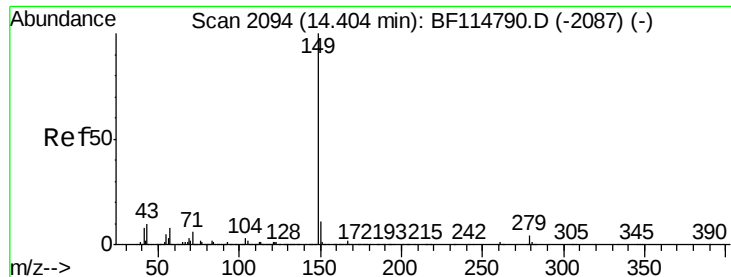


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.769 ng

RT: 14.42 min Scan# 2096

Delta R.T. 0.01 min

Lab File: BF114848.D

Acq: 6 Jun 2019 8:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

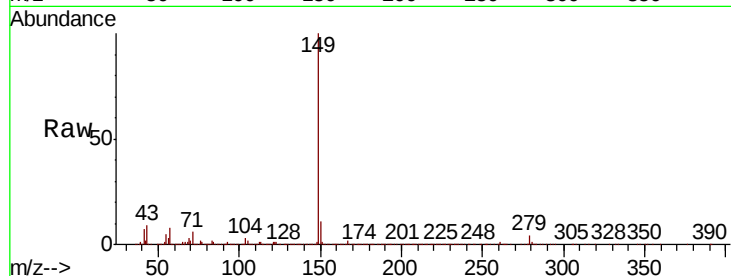
Tot Ion:149 Resp: 3186584

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

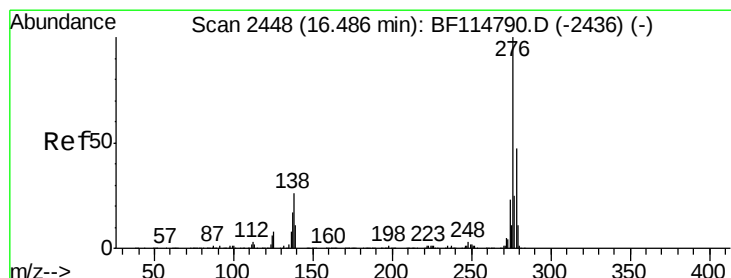
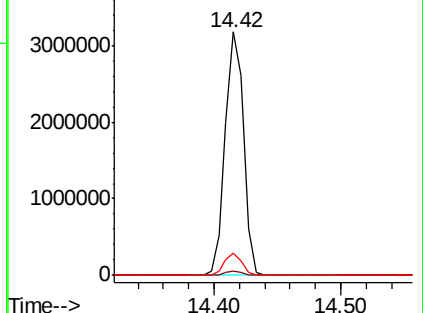
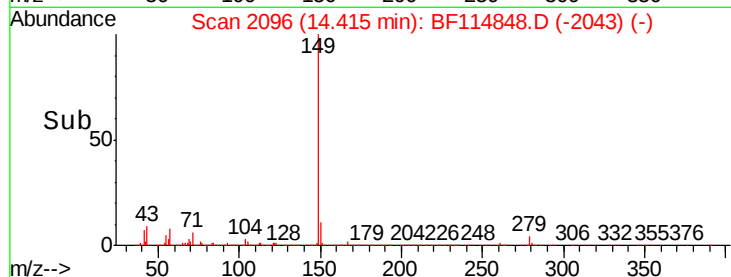
43 8.6 7.0 10.6



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: 34.698 ng

RT: 16.52 min Scan# 2454

Delta R.T. 0.04 min

Lab File: BF114848.D

Acq: 6 Jun 2019 8:39

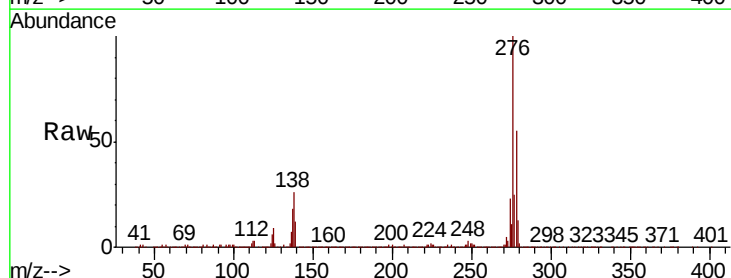
Tgt Ion:276 Resp: 2349329

Ion Ratio Lower Upper

276 100

138 28.3 22.2 33.4

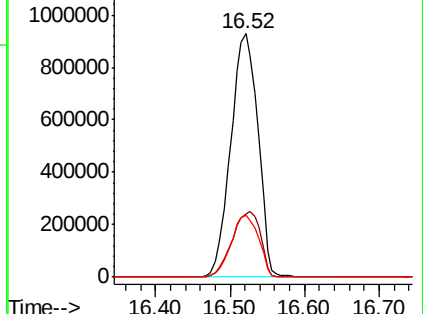
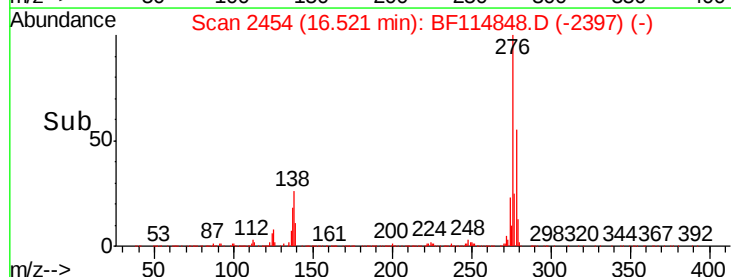
277 25.6 20.6 30.8

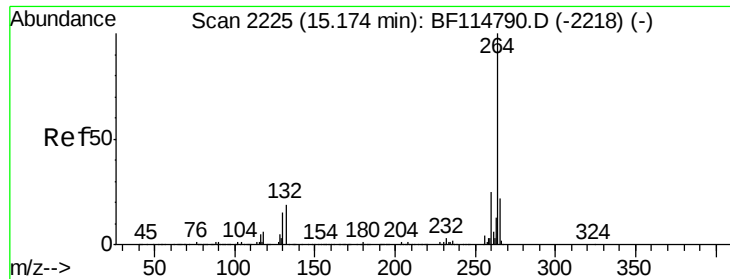


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



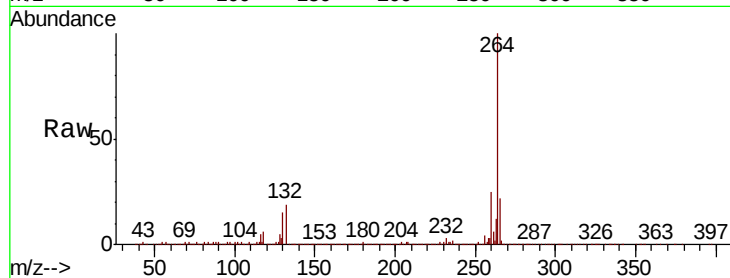


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2229
Delta R.T. 0.02 min
Lab File: BF114848.D
Acq: 6 Jun 2019 8:39

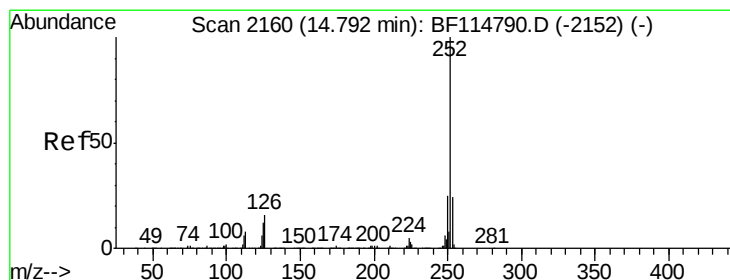
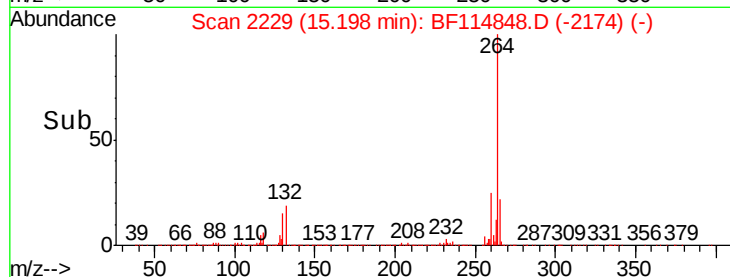
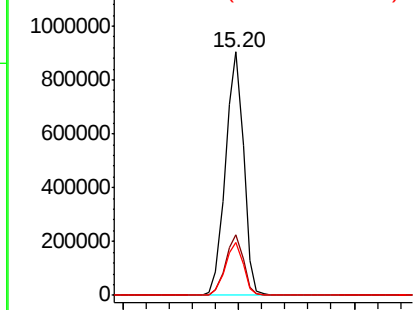
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 981926

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.1	30.1
265	21.7	17.7	26.5



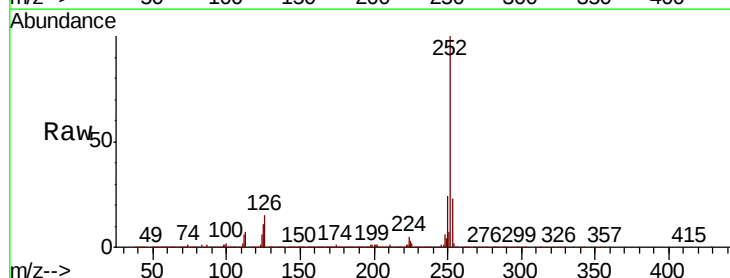
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



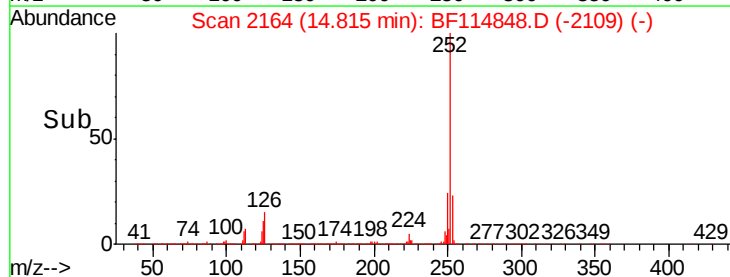
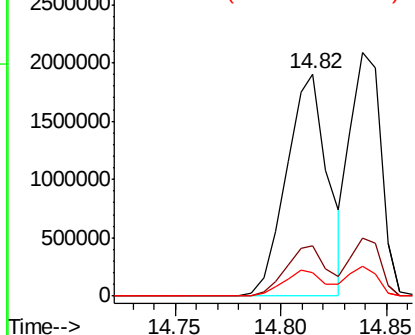
#88
Benzo(b)fluoranthene
Concen: 41.573 ng
RT: 14.82 min Scan# 2164
Delta R.T. 0.02 min
Lab File: BF114848.D
Acq: 6 Jun 2019 8:39

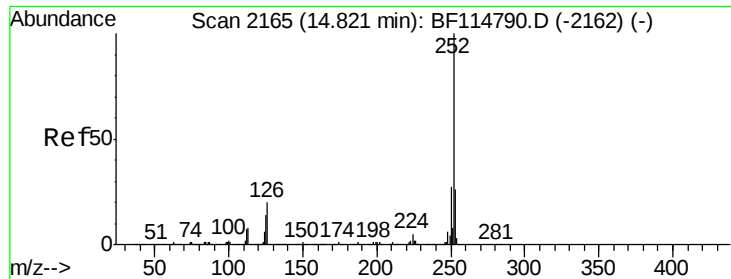
Tgt Ion:252 Resp: 2598747

Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.0	28.6
125	10.7	9.4	14.0



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

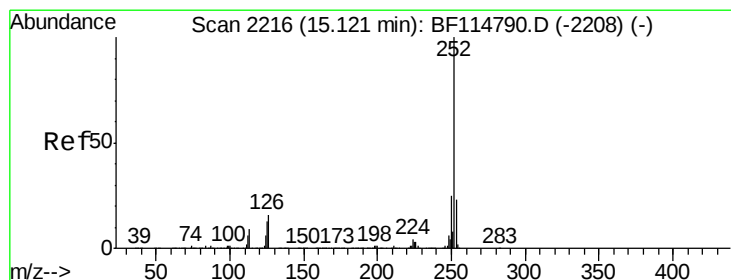
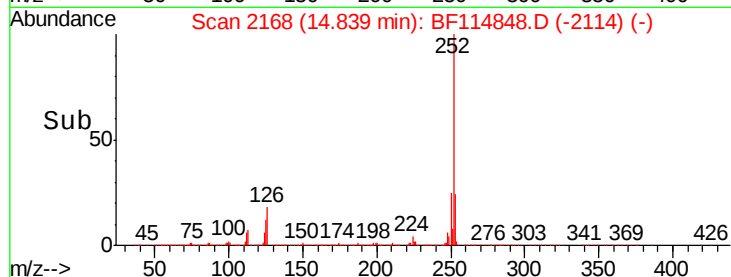
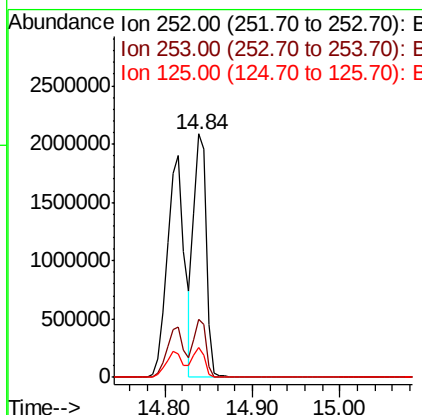
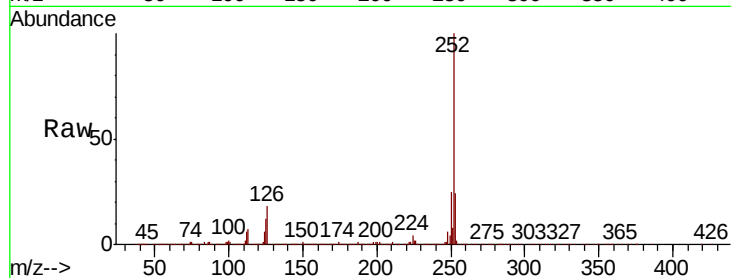




#89
Benzo(k)fluoranthene
Concen: 39.925 ng
RT: 14.84 min Scan# 2168
Delta R.T. 0.02 min
Lab File: BF114848.D
Acq: 6 Jun 2019 8:39

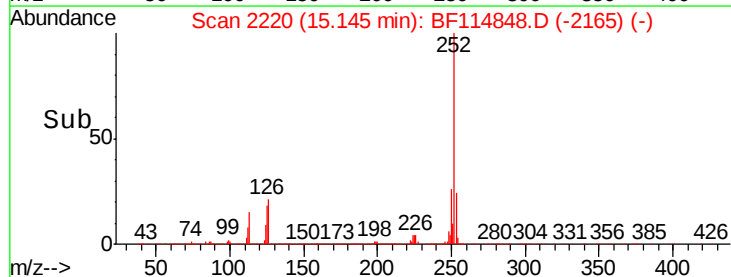
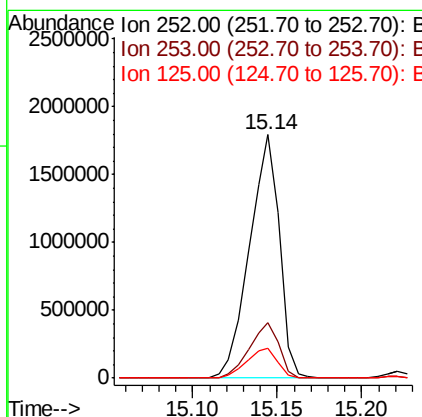
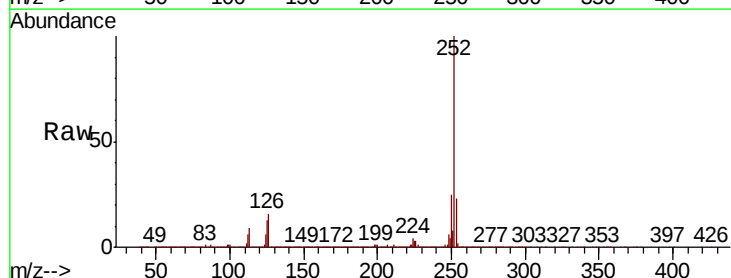
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

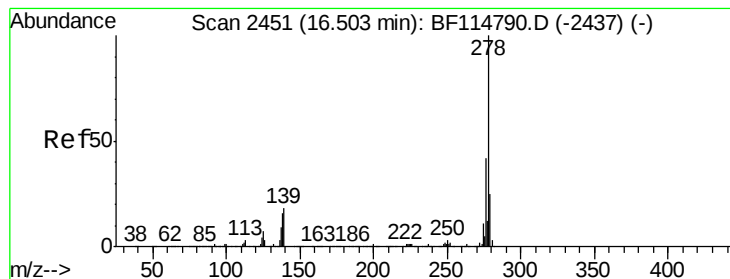
Tot Ion:252 Resp: 2119429
Ion Ratio Lower Upper
252 100
253 23.9 19.3 28.9
125 12.5 10.1 15.1



#90
Benzo(a)pyrene
Concen: 40.821 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.02 min
Lab File: BF114848.D
Acq: 6 Jun 2019 8:39

Tgt Ion:252 Resp: 2208644
Ion Ratio Lower Upper
252 100
253 22.8 18.5 27.7
125 12.5 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 37.639 ng

RT: 16.54 min Scan# 2457

Delta R.T. 0.04 min

Lab File: BF114848.D

Acq: 6 Jun 2019 8:39

Instrument :

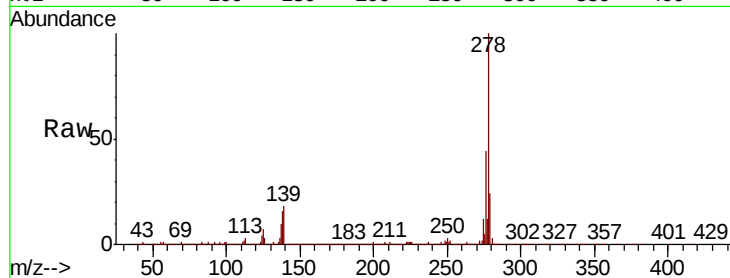
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 1928569

Ion	Ratio	Lower	Upper
278	100		
139	18.1	14.6	22.0
279	24.3	20.1	30.1

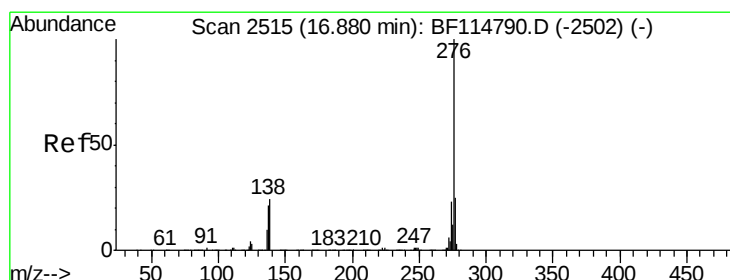
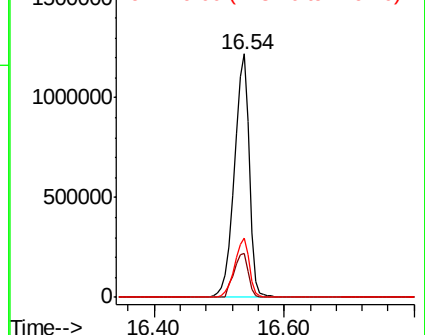
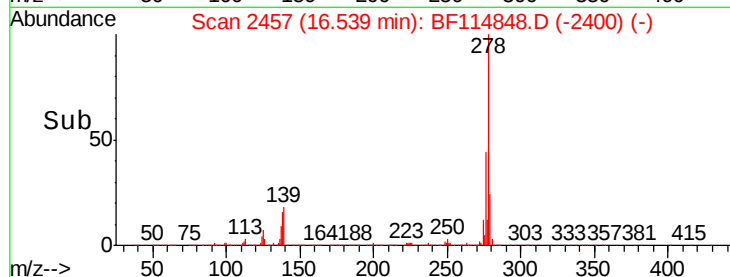


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 36.065 ng

RT: 16.92 min Scan# 2521

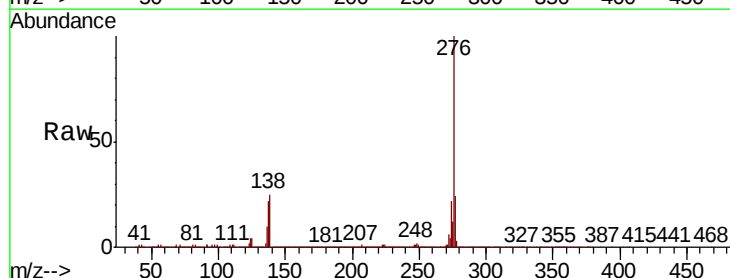
Delta R.T. 0.04 min

Lab File: BF114848.D

Acq: 6 Jun 2019 8:39

Tgt Ion:276 Resp: 1858283

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.8	29.6
138	25.1	19.4	29.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

