

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
 Data File : BF114807.D
 Acq On : 5 Jun 2019 8:55
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 05 11:39:11 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	329211	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1335490	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	667008	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1322088	20.00	ng	0.00
76) Chrysene-d12	13.79	240	844739	20.00	ng	0.00
87) Perylene-d12	15.17	264	1022711	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1630470	86.54	ng	0.00
7) Phenol-d6	6.30	99	1984176	86.55	ng	0.00
23) Nitrobenzene-d5	7.23	82	1798763	82.91	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	614699	85.52	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	3153461	88.56	ng	0.00
79) Terphenyl-d14	12.75	244	3239056	74.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.28	88	385903	42.900	ng	99
3) Pyridine	2.96	79	1047657	42.378	ng	99
4) n-Nitrosodimethylamine	2.90	42	380677	42.074	ng	96
6) Aniline	6.33	93	1380496	42.438	ng	97
8) 2-Chlorophenol	6.45	128	928424	42.650	ng	99
9) Benzaldehyde	6.21	77	680586	42.798	ng	98
10) Phenol	6.32	94	1127562	43.010	ng	90
11) bis(2-Chloroethyl)ether	6.41	93	843074	41.205	ng	99
12) 1,3-Dichlorobenzene	6.61	146	1075173	42.387	ng	100
13) 1,4-Dichlorobenzene	6.69	146	1084248	42.480	ng	99
14) 1,2-Dichlorobenzene	6.84	146	1009242	43.783	ng	99
15) Benzyl Alcohol	6.81	79	754331	43.511	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1194659	40.826	ng	100
17) 2-Methylphenol	6.93	107	768310	41.291	ng	99
18) Hexachloroethane	7.19	117	391324	40.734	ng	93
19) n-Nitroso-di-n-propylamine	7.09	70	605199	39.880	ng	98
20) 3+4-Methylphenols	7.08	107	885712	43.157	ng	# 81
22) Acetophenone	7.08	105	1217728	41.415	ng	# 99
24) Nitrobenzene	7.25	77	941168	41.876	ng	97
25) Isophorone	7.49	82	1676804	39.096	ng	99
26) 2-Nitrophenol	7.56	139	499295	41.017	ng	# 91
27) 2,4-Dimethylphenol	7.61	122	755274	40.822	ng	98
28) bis(2-Chloroethoxy)methane	7.71	93	1103067	40.234	ng	99
29) 2,4-Dichlorophenol	7.81	162	798775	41.036	ng	98
30) 1,2,4-Trichlorobenzene	7.89	180	928437	41.570	ng	98
31) Naphthalene	7.97	128	2590086	43.079	ng	99
32) Benzoic acid	7.73	122	492031	36.514	ng	99
33) 4-Chloroaniline	8.02	127	1217635	42.452	ng	99
34) Hexachlorobutadiene	8.10	225	518107	40.803	ng	99
35) Caprolactam	8.39	113	272294	42.823	ng	92
36) 4-Chloro-3-methylphenol	8.50	107	803900	41.504	ng	99
37) 2-Methylnaphthalene	8.66	142	1761683	42.244	ng	99
38) 1-Methylnaphthalene	8.76	142	1679282	42.461	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	804453	41.850	ng	99

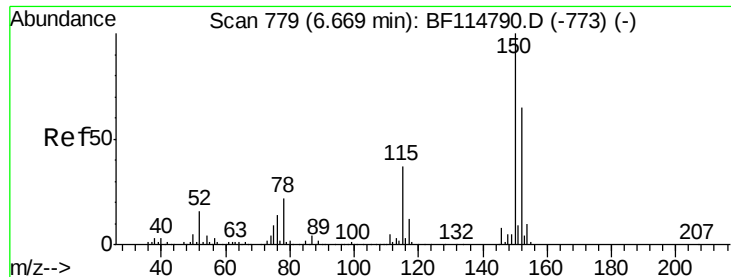
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	437202	37.502	ng	100
43) 2,4,6-Trichlorophenol	8.94	196	612637	40.988	ng	98
44) 2,4,5-Trichlorophenol	8.97	196	621648	41.297	ng	99
46) 1,1'-Biphenyl	9.13	154	2104806	42.577	ng	98
47) 2-Chloronaphthalene	9.15	162	1775285	42.262	ng	99
48) 2-Nitroaniline	9.24	65	533195	42.534	ng	95
49) Acenaphthylene	9.56	152	2638576	43.315	ng	99
50) Dimethylphthalate	9.43	163	2023299	41.533	ng	99
51) 2,6-Dinitrotoluene	9.48	165	477566	41.684	ng	91
52) Acenaphthene	9.73	154	1679047	42.077	ng	98
53) 3-Nitroaniline	9.65	138	591659	44.207	ng	95
54) 2,4-Dinitrophenol	9.75	184	200793	38.731	ng	97
55) Dibenzofuran	9.90	168	2298499	41.423	ng	96
56) 4-Nitrophenol	9.80	139	430773	43.925	ng	98
57) 2,4-Dinitrotoluene	9.88	165	640665	44.483	ng	90
58) Fluorene	10.25	166	1672709	47.558	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.02	232	518329	42.029	ng	100
60) Diethylphthalate	10.13	149	2034389	41.617	ng	99
61) 4-Chlorophenyl-phenylether	10.24	204	835941	39.334	ng	97
62) 4-Nitroaniline	10.26	138	576637	44.421	ng	99
63) Azobenzene	10.40	77	1759675	42.289	ng	99
65) 4,6-Dinitro-2-methylphenol	10.29	198	266090	38.745	ng	89
66) n-Nitrosodiphenylamine	10.36	169	1612247	40.329	ng	100
67) 4-Bromophenyl-phenylether	10.72	248	591738	39.408	ng	100
68) Hexachlorobenzene	10.79	284	652331	39.695	ng	99
69) Atrazine	10.89	200	585372	42.102	ng	97
70) Pentachlorophenol	10.98	266	395821	41.665	ng	99
71) Phenanthrene	11.19	178	2687442	42.580	ng	99
72) Anthracene	11.25	178	2702562	40.688	ng	99
73) Carbazole	11.40	167	2485190	43.646	ng	100
74) Di-n-butylphthalate	11.75	149	2938623	39.238	ng	99
75) Fluoranthene	12.37	202	2754683	41.934	ng	98
77) Benzidine	12.50	184	1794389	42.909	ng	98
78) Pyrene	12.60	202	2816747	38.437	ng	100
80) Butylbenzylphthalate	13.23	149	1337804	36.151	ng	98
81) Benzo(a)anthracene	13.78	228	2539610	39.014	ng	99
82) 3,3'-Dichlorobenzidine	13.75	252	1038822	39.356	ng	# 97
83) Chrysene	13.82	228	2447402	38.648	ng	99
84) Bis(2-ethylhexyl)phthalate	13.79	149	1640852	35.066	ng	99
85) Di-n-octyl phthalate	14.40	149	2814827	35.402	ng	99
86) Indeno(1,2,3-cd)pyrene	16.49	276	2689797	37.227	ng	99
88) Benzo(b)fluoranthene	14.79	252	2610918	40.102	ng	99
89) Benzo(k)fluoranthene	14.82	252	2234878	40.421	ng	99
90) Benzo(a)pyrene	15.12	252	2324982	41.257	ng	99
91) Dibenzo(a,h)anthracene	16.50	278	2155600	40.392	ng	98
92) Benzo(g,h,i)perylene	16.87	276	2163351	40.311	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# 779

Delta R.T. 0.00 min

Lab File: BF114807.D

Acq: 5 Jun 2019 8:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

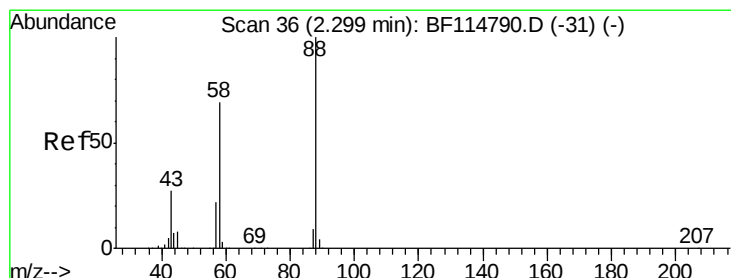
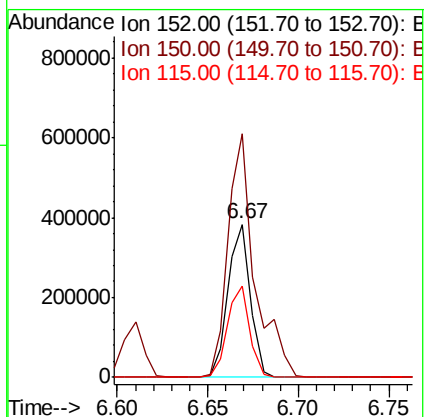
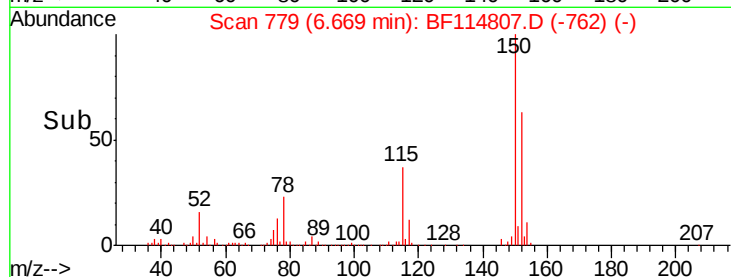
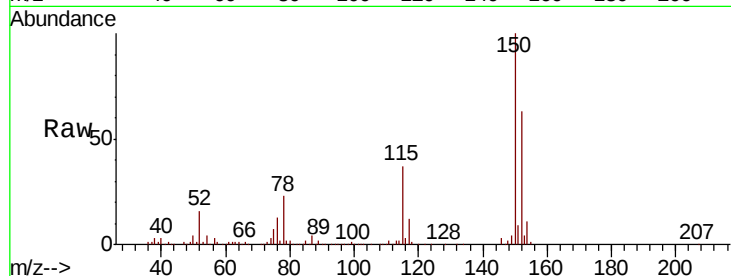
Tot Ion:152 Resp: 329211

Ion Ratio Lower Upper

152 100

150 159.2 124.0 186.0

115 59.3 46.3 69.5



#2

1,4-Dioxane

Concen: 42.900 ng

RT: 2.28 min Scan# 33

Delta R.T. -0.02 min

Lab File: BF114807.D

Acq: 5 Jun 2019 8:55

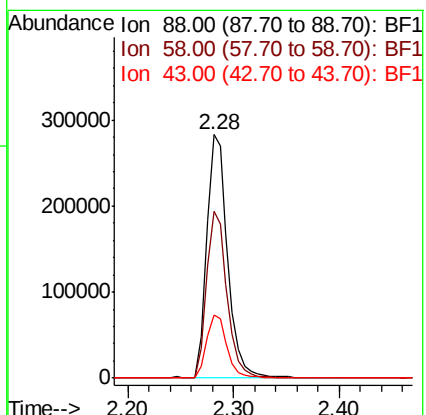
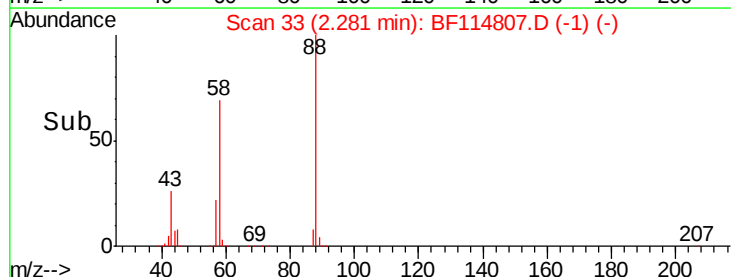
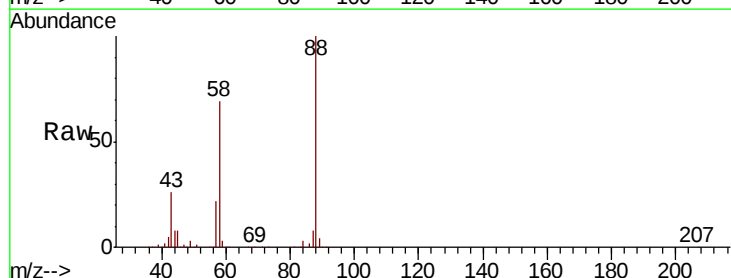
Tgt Ion: 88 Resp: 385903

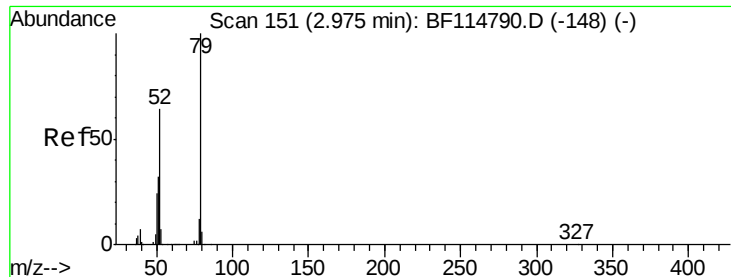
Ion Ratio Lower Upper

88 100

58 67.9 53.8 80.8

43 25.3 20.7 31.1





#3

Pvridine

Concen: 42.378 ng

RT: 2.96 min Scan# 148

Delta R.T. -0.02 min

Lab File: BF114807.D

Acq: 5 Jun 2019 8:55

Instrument :

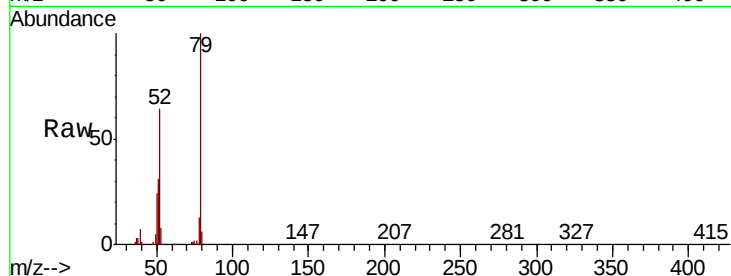
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 1047657

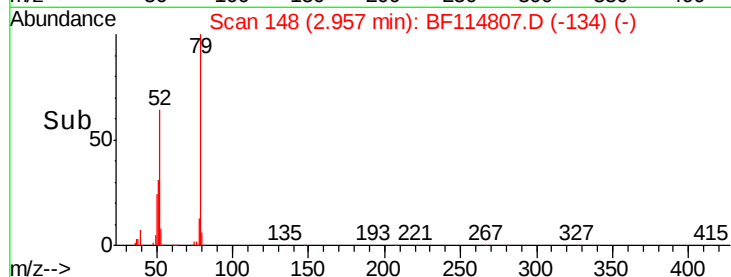
Ion	Ratio	Lower	Upper
79	100		
52	64.2	51.0	76.4
51	30.9	25.7	38.5



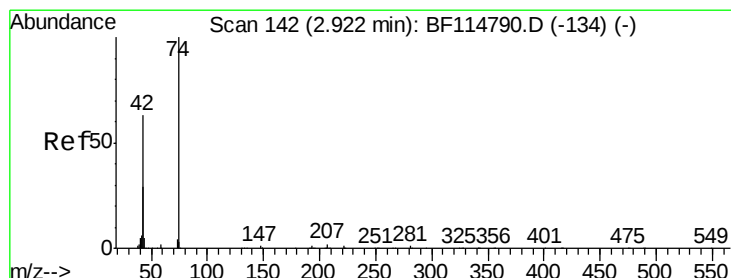
Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



Time--> 2.80 3.00 3.20



#4

n-Nitrosodimethylamine

Concen: 42.074 ng

RT: 2.90 min Scan# 138

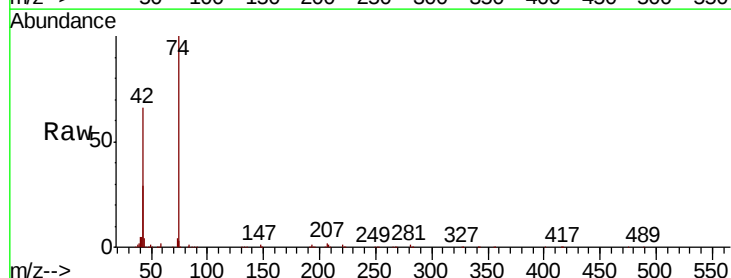
Delta R.T. -0.02 min

Lab File: BF114807.D

Acq: 5 Jun 2019 8:55

Tgt Ion: 42 Resp: 380677

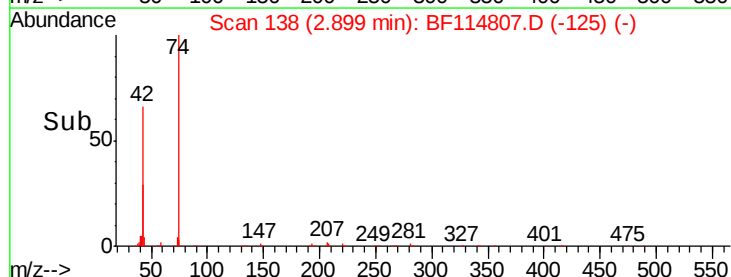
Ion	Ratio	Lower	Upper
42	100		
74	152.6	126.2	189.2
44	6.8	5.9	8.9



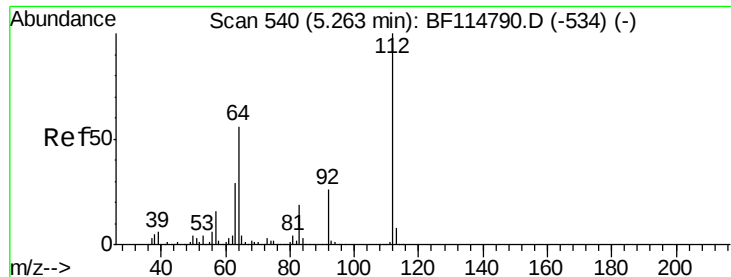
Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1



Time--> 2.80 2.90 3.00



#5

2-Fluorophenol

Concen: 86.540 ng

RT: 5.26 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF114807.D

Acq: 5 Jun 2019 8:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

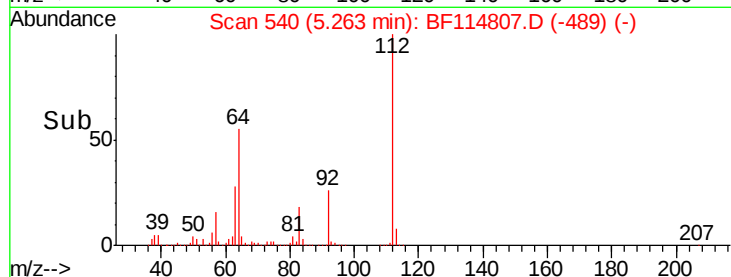
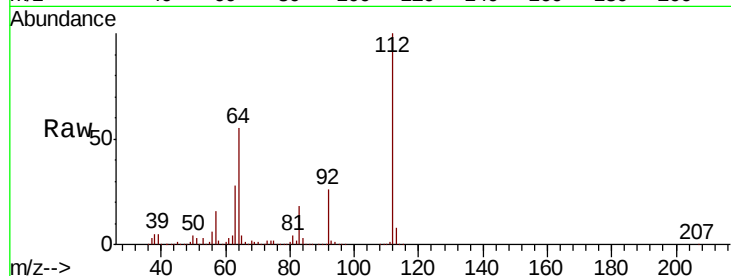
Tot Ion:112 Resp: 1630470

Ion Ratio Lower Upper

112 100

64 54.5 44.6 66.8

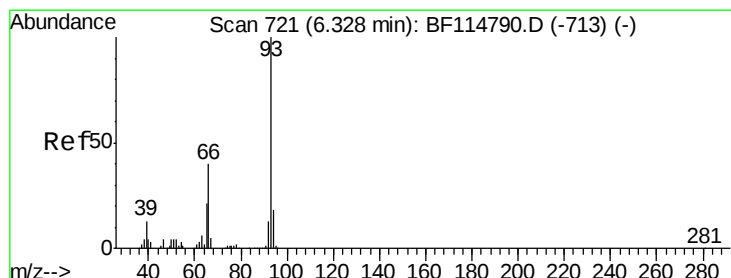
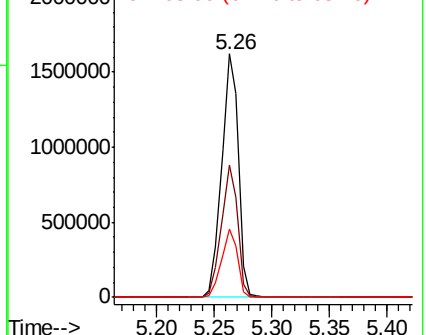
63 28.1 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 42.438 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF114807.D

Acq: 5 Jun 2019 8:55

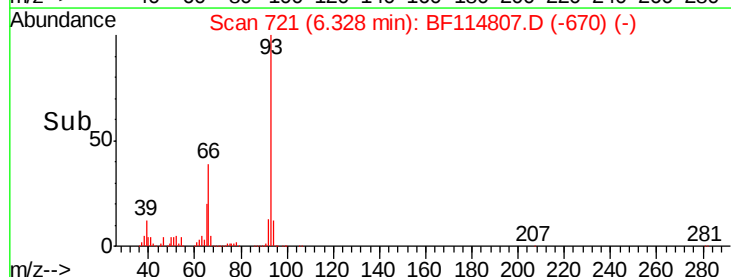
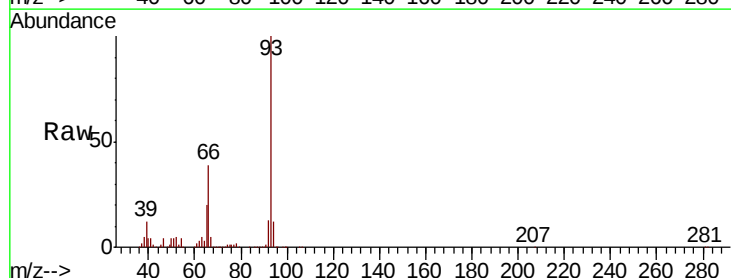
Tgt Ion: 93 Resp: 1380496

Ion Ratio Lower Upper

93 100

66 38.9 32.8 49.2

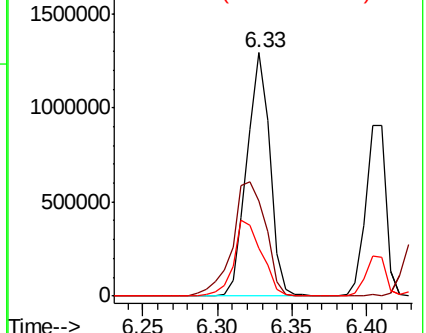
65 19.7 16.9 25.3

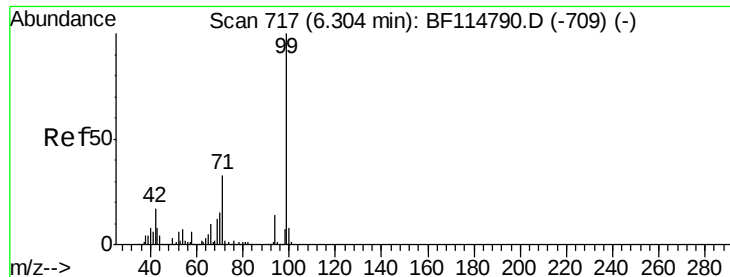


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 86.550 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF114807.D

Acq: 5 Jun 2019 8:55

Instrument :

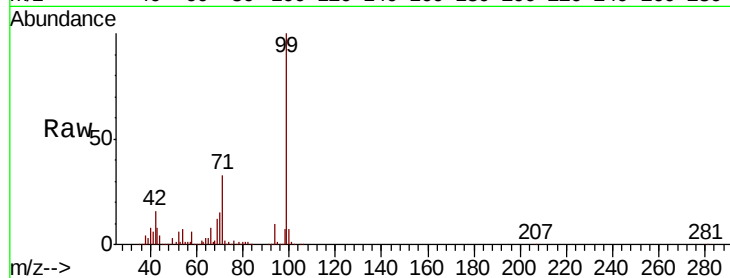
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1984176

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.3	19.9
71	33.3	26.3	39.5

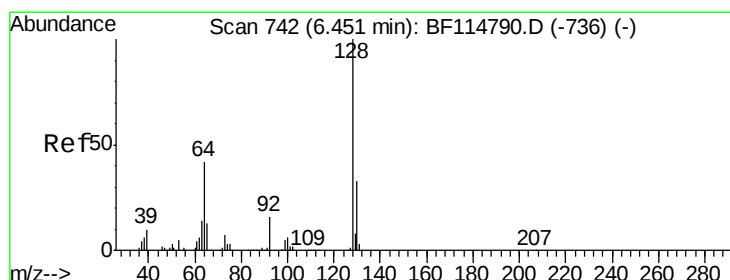
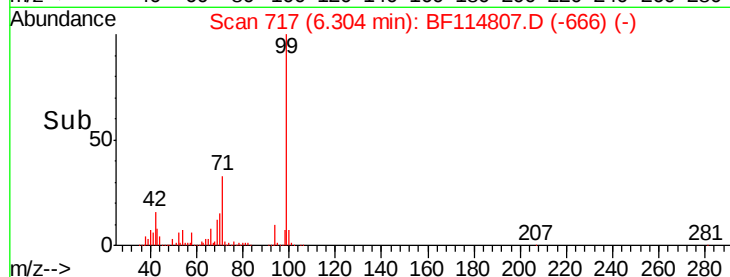
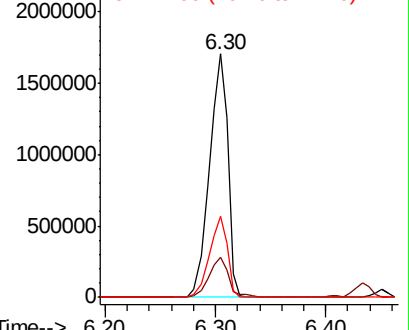


Abundance

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: 42.650 ng

RT: 6.45 min Scan# 742

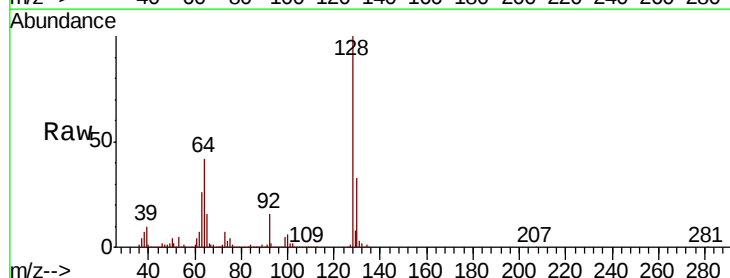
Delta R.T. 0.00 min

Lab File: BF114807.D

Acq: 5 Jun 2019 8:55

Tgt Ion: 128 Resp: 928424

Ion	Ratio	Lower	Upper
128	100		
130	33.5	12.7	52.7
64	42.5	22.5	62.5

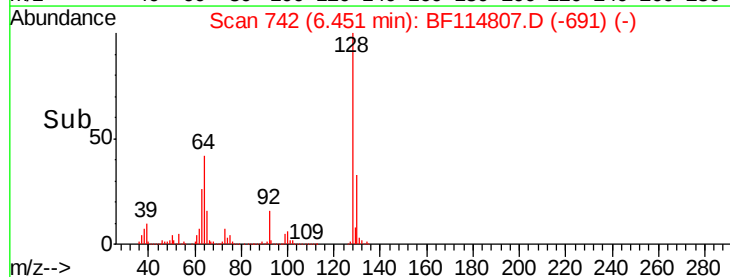
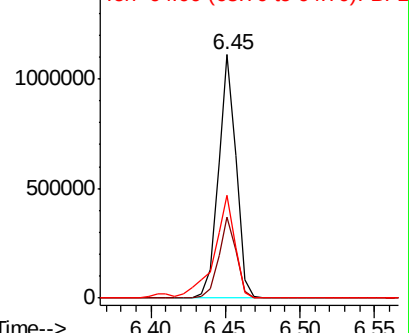


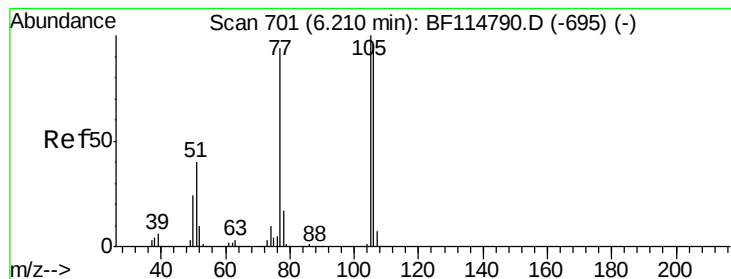
Abundance

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: 42.798 ng

RT: 6.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF114807.D

Acq: 5 Jun 2019 8:55

Instrument :

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ClientSampleId :

SSTDCCC040

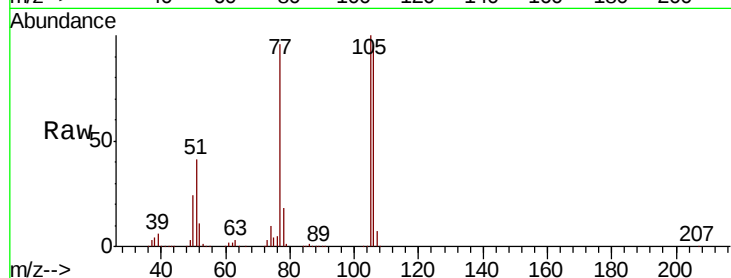
Tot Ion: 77 Resp: 680586

Ion Ratio Lower Upper

77 100

105 104.4 85.8 125.8

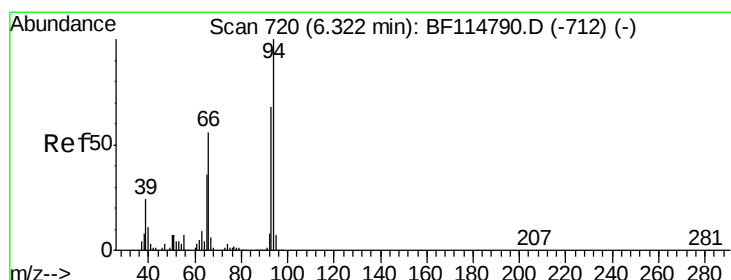
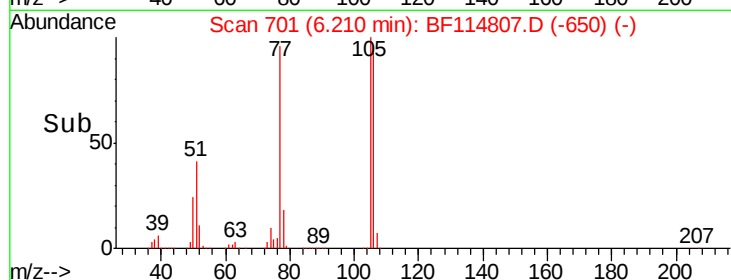
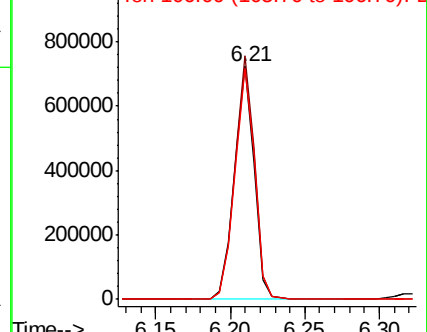
106 98.9 81.6 121.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 43.010 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF114807.D

Acq: 5 Jun 2019 8:55

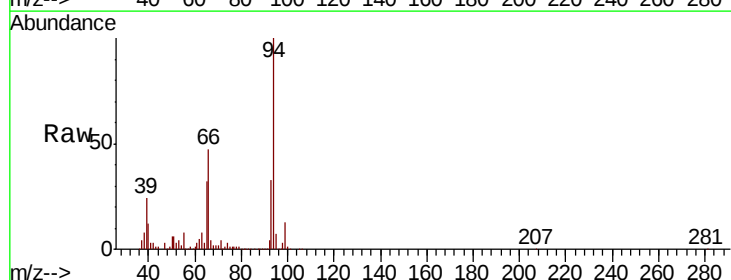
Tgt Ion: 94 Resp: 1127562

Ion Ratio Lower Upper

94 100

65 32.3 16.1 56.1

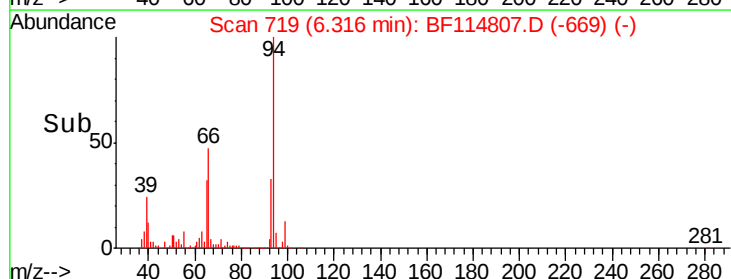
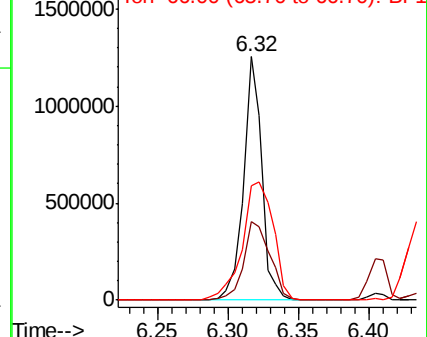
66 47.1 36.3 76.3

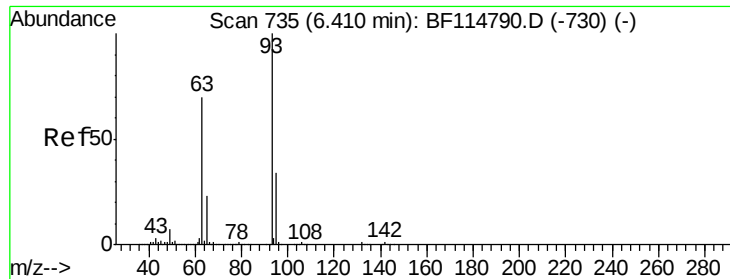


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 41.205 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF114807.D

Acq: 5 Jun 2019 8:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

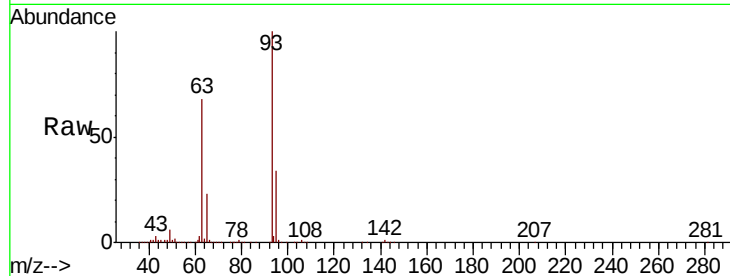
Tot Ion: 93 Resp: 843074

Ion Ratio Lower Upper

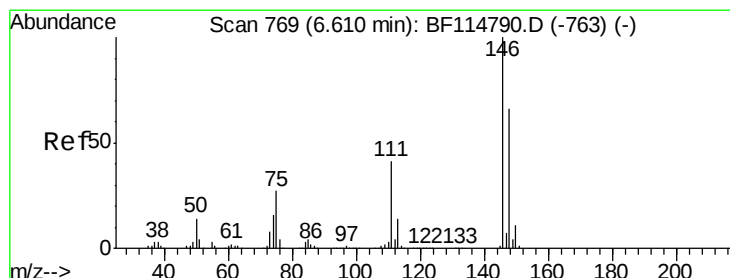
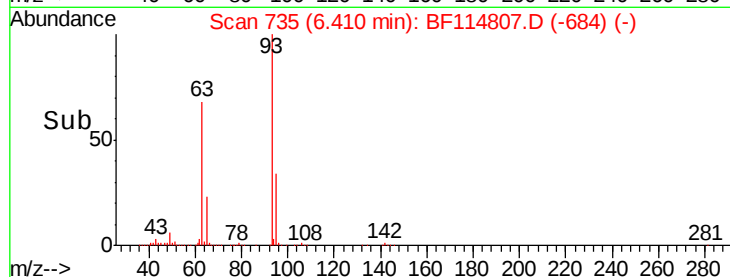
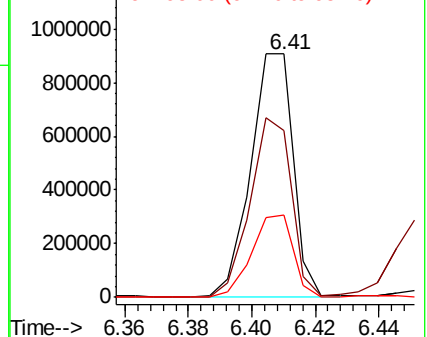
93 100

63 68.5 49.6 89.6

95 33.7 13.6 53.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 42.387 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF114807.D

Acq: 5 Jun 2019 8:55

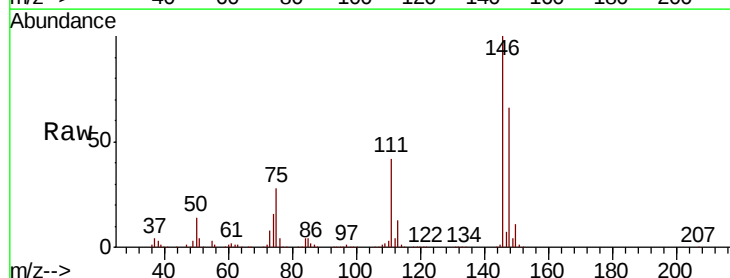
Tgt Ion: 146 Resp: 1075173

Ion Ratio Lower Upper

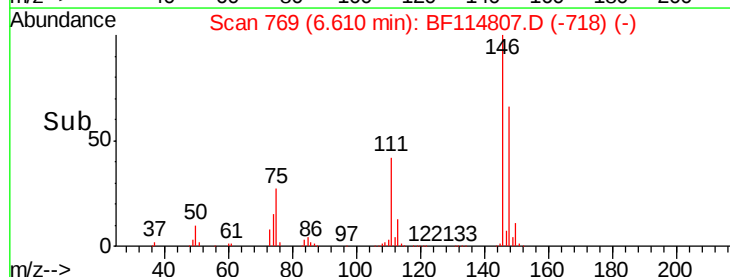
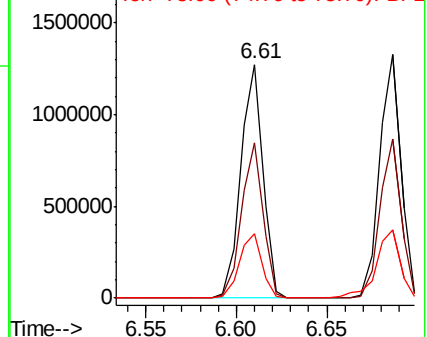
146 100

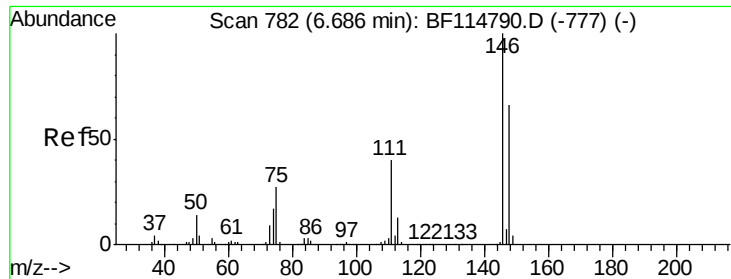
148 66.2 52.7 79.1

75 27.6 22.0 33.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

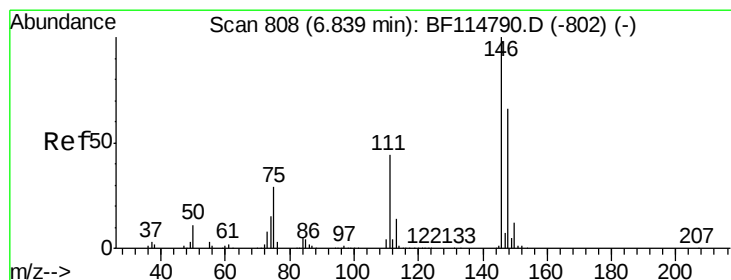
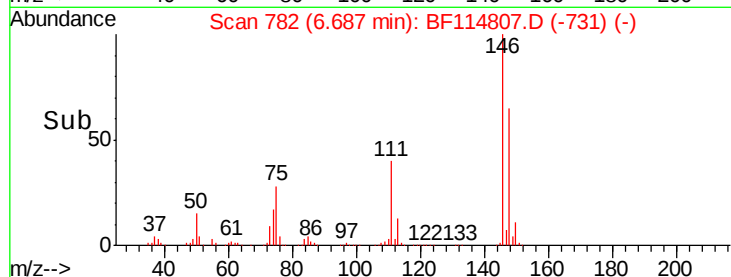
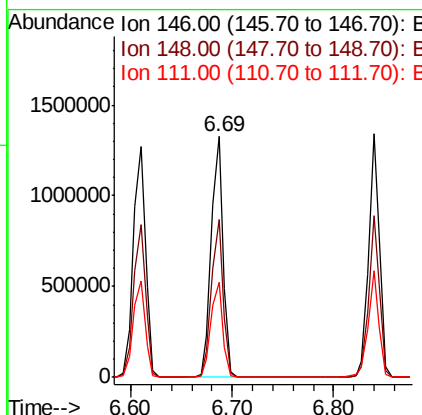
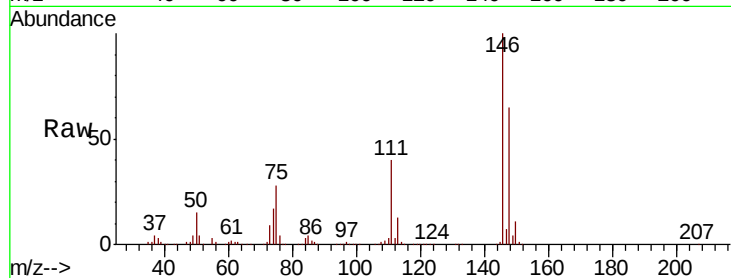




#13
 1,4-Dichlorobenzene
 Concen: 42.480 ng
 RT: 6.69 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF114807.D
 Acq: 5 Jun 2019 8:55

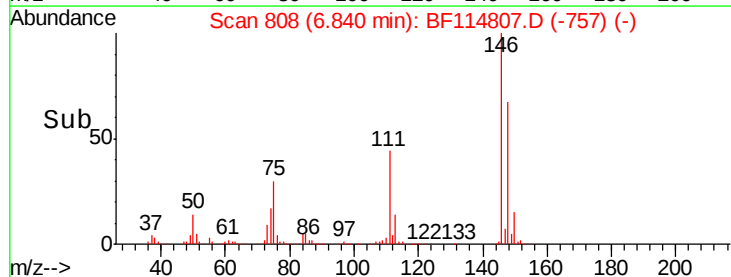
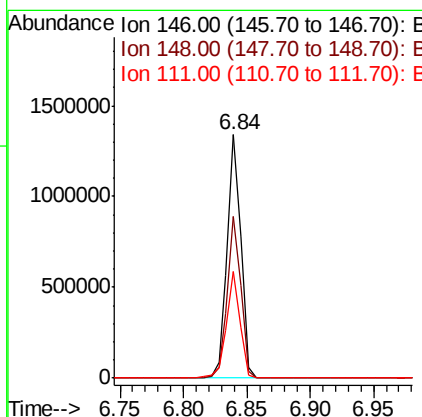
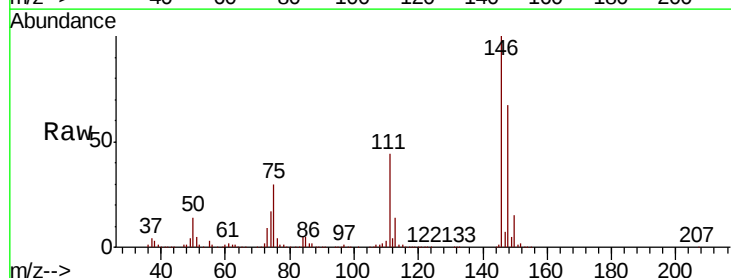
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

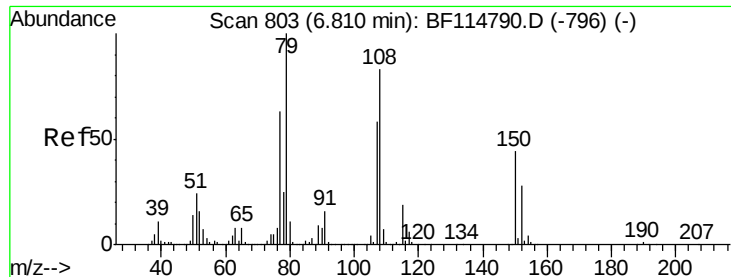
Tot Ion:146 Resp: 1084248
 Ion Ratio Lower Upper
 146 100
 148 65.4 53.0 79.4
 111 39.7 32.2 48.4



#14
 1,2-Dichlorobenzene
 Concen: 43.783 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF114807.D
 Acq: 5 Jun 2019 8:55

Tgt Ion:146 Resp: 1009242
 Ion Ratio Lower Upper
 146 100
 148 66.6 52.5 78.7
 111 43.6 34.8 52.2





#15

Benzyl Alcohol

Concen: 43.511 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF114807.D

Acq: 5 Jun 2019 8:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

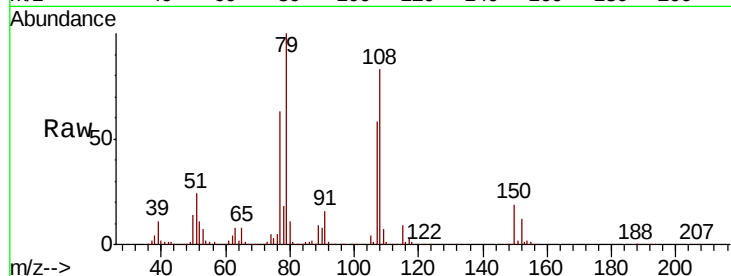
Tot Ion: 79 Resp: 754331

Ion Ratio Lower Upper

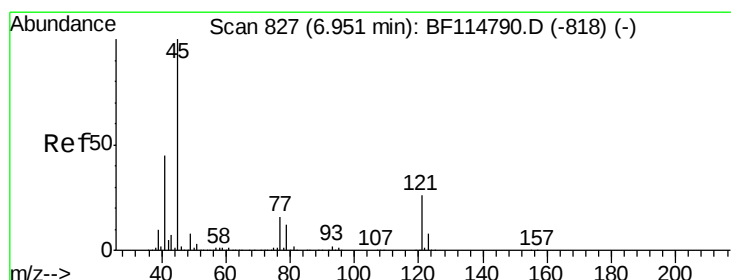
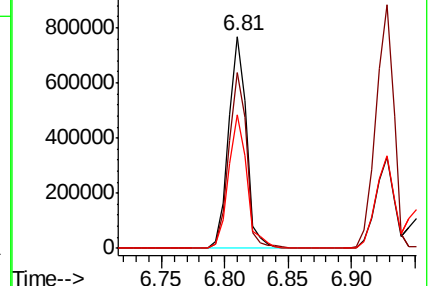
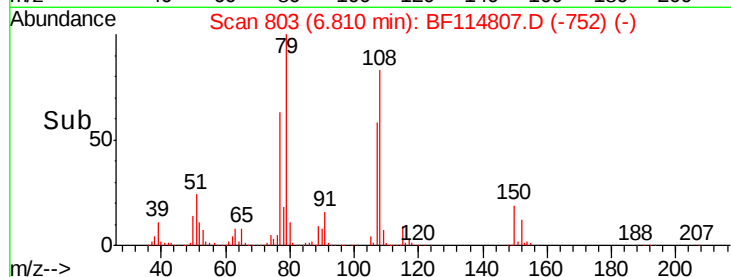
79 100

108 83.1 66.8 100.2

77 62.9 50.6 76.0



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.826 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF114807.D

Acq: 5 Jun 2019 8:55

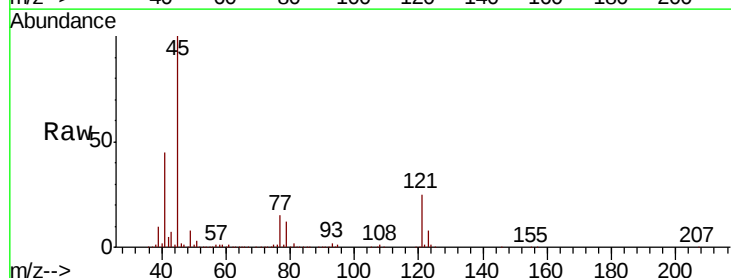
Tgt Ion: 45 Resp: 1194659

Ion Ratio Lower Upper

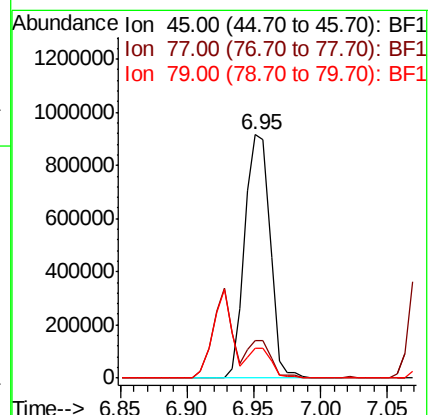
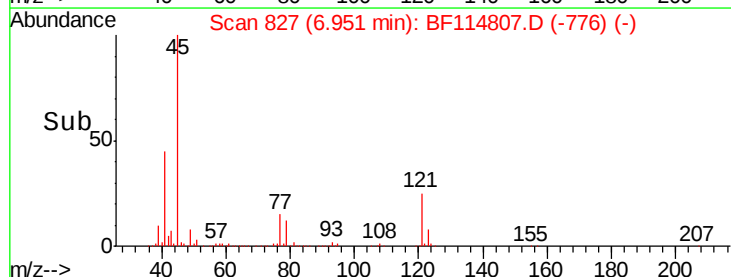
45 100

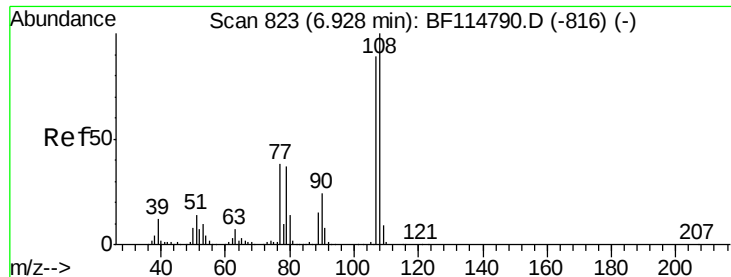
77 15.5 0.0 35.8

79 12.0 0.0 32.0



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

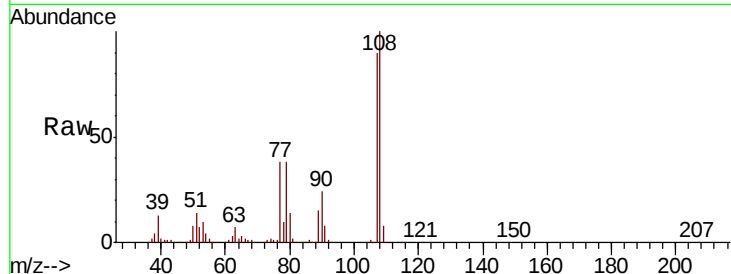




#17
2-Methylphenol
Concen: 41.291 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF114807.D
Acq: 5 Jun 2019 8:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.1	90.2	135.2
77	42.4	34.5	51.7
79	41.7	33.8	50.6



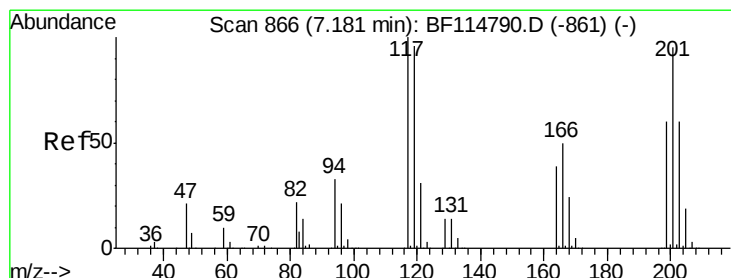
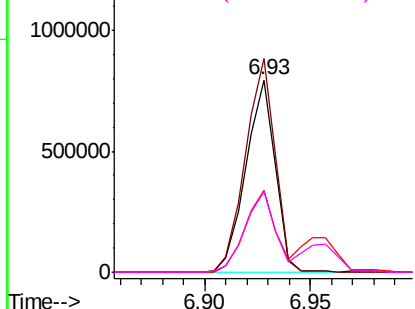
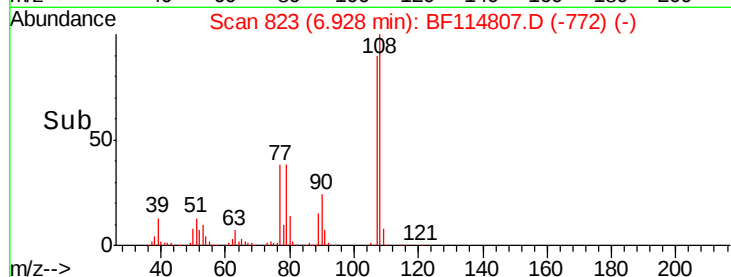
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

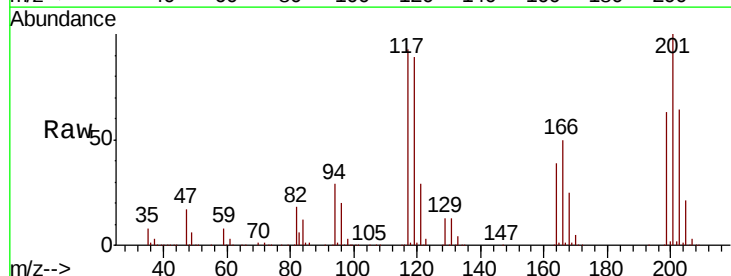
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.734 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: BF114807.D
Acq: 5 Jun 2019 8:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.0	115.4
201	108.0	76.0	114.0

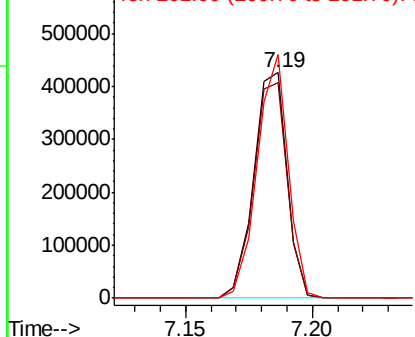
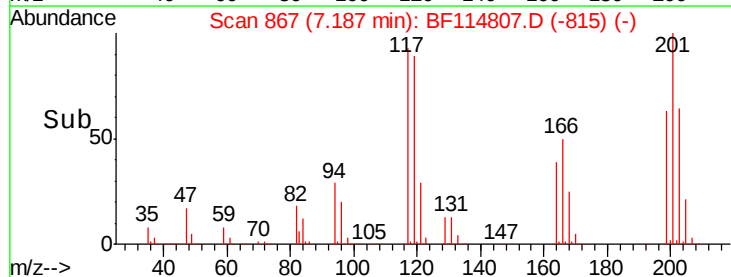


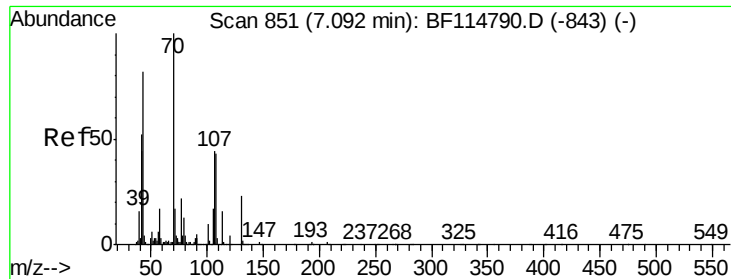
Abundance

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

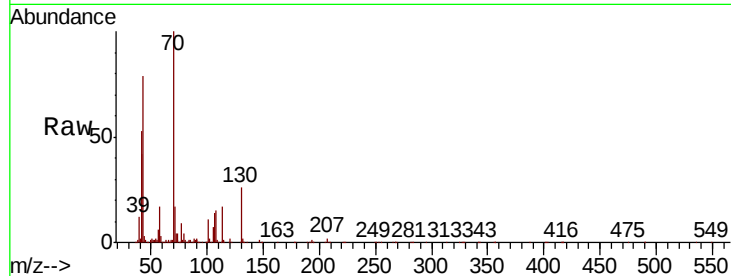




#19
n-Nitroso-di-n-propylamine
Concen: 39.880 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF114807.D
Acq: 5 Jun 2019 8:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	605199
Ion	Ratio	Lower	Upper
70	100		
42	52.6	41.8	62.8
101	10.6	8.2	12.4
130	25.6	18.5	27.7



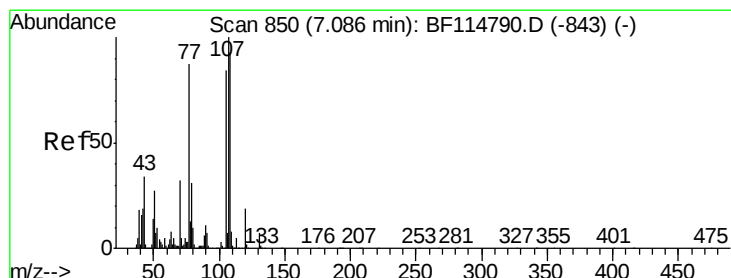
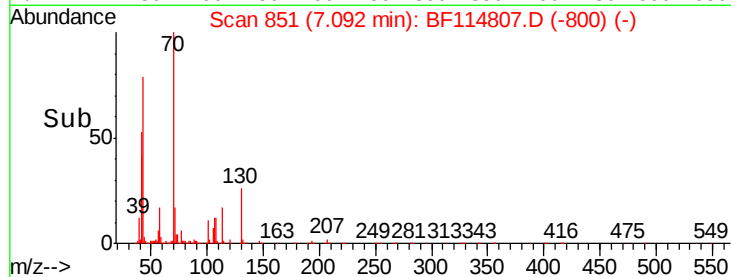
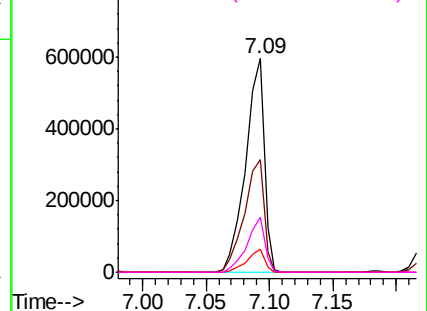
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

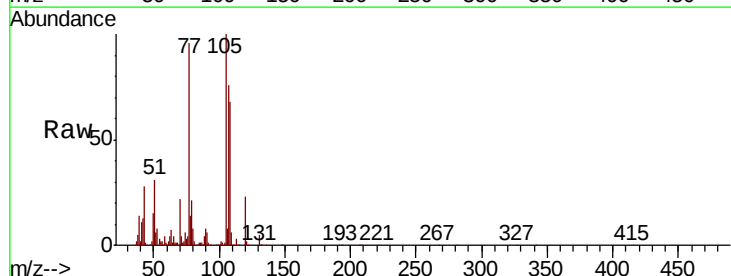
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 43.157 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF114807.D
Acq: 5 Jun 2019 8:55

Tgt Ion:	107	Resp:	885712
Ion	Ratio	Lower	Upper
107	100		
108	89.6	73.5	113.5
77	125.0	67.2	107.2#
79	27.5	10.6	50.6



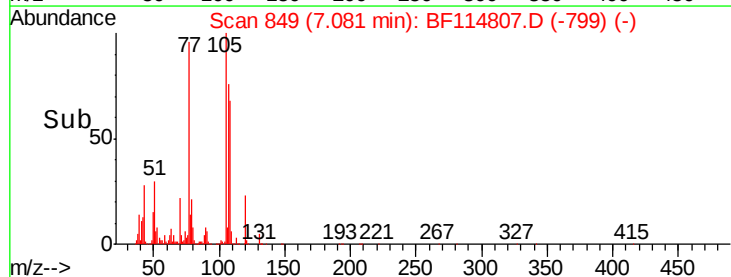
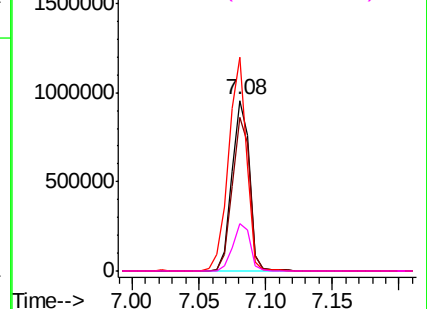
Abundance

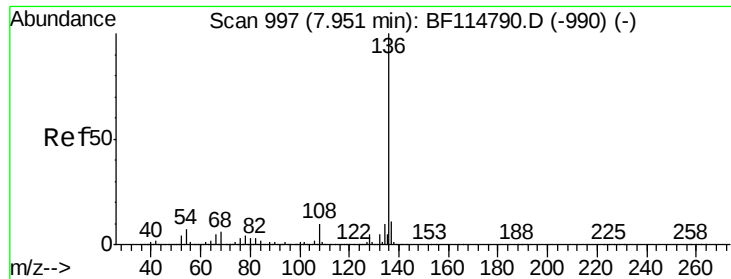
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

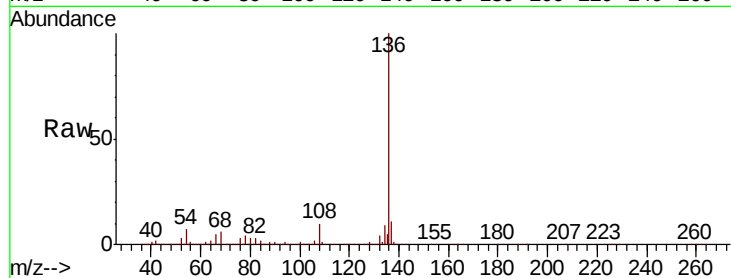




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF114807.D
Acq: 5 Jun 2019 8:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp: 1335490
Ion Ratio	Lower Upper
136 100	
137 11.2	9.1 13.7
54 6.6	5.4 8.0
68 5.6	4.6 6.8



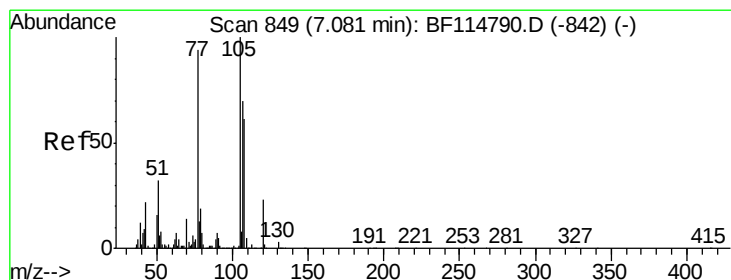
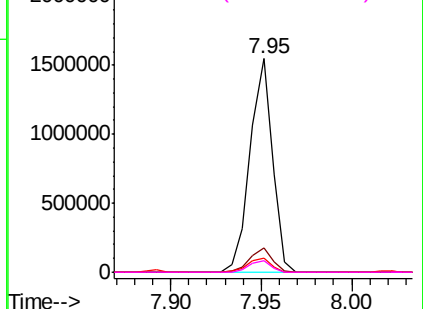
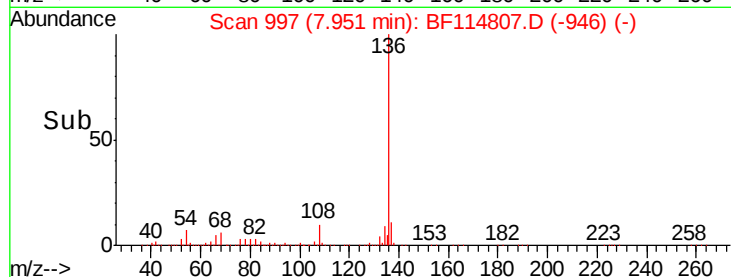
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

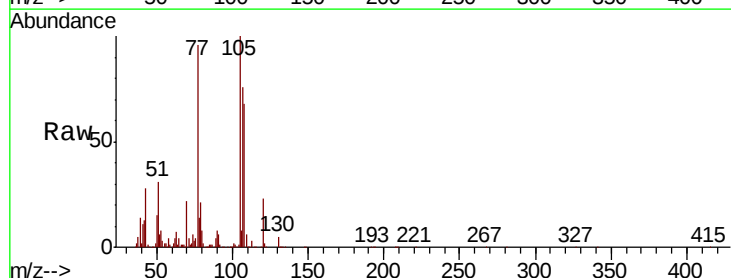
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 41.415 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF114807.D
Acq: 5 Jun 2019 8:55

Tgt	Ion:105	Resp:	1217728
Ion	Ratio	Lower	Upper
105	100		
71	3.8	2.0	3.0#
51	30.5	25.4	38.0
120	23.4	18.7	28.1



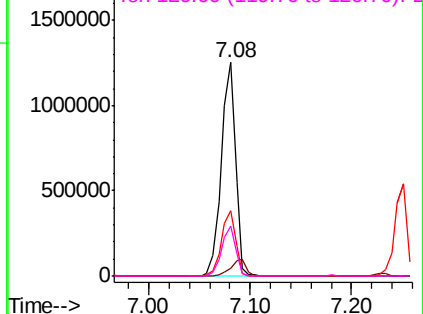
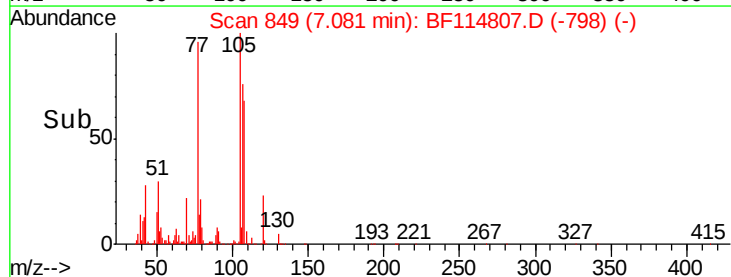
Abundance

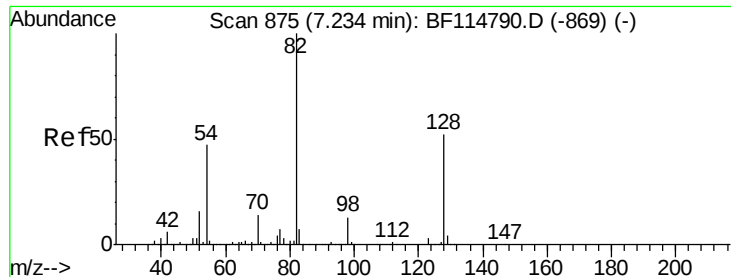
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



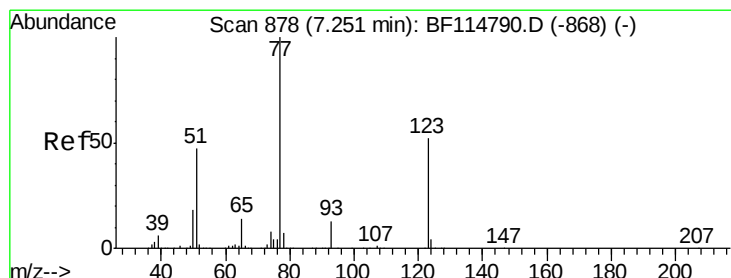
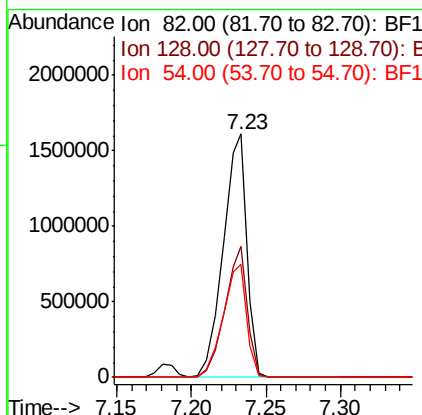
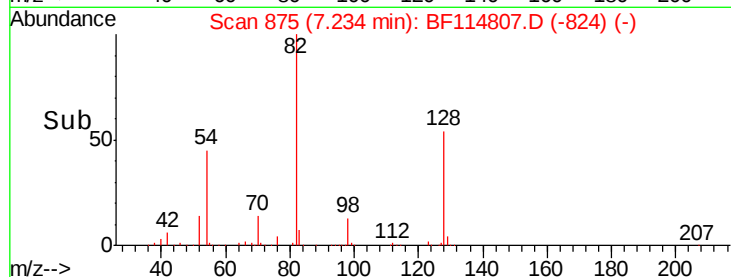
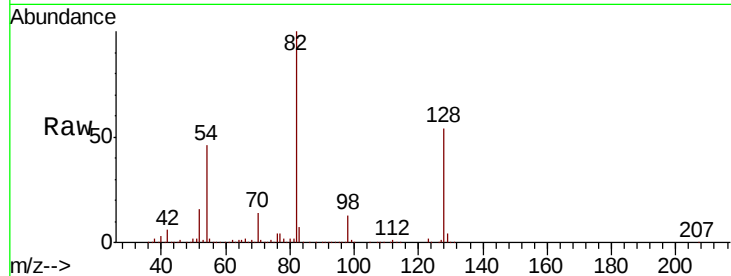


#23
 Nitrobenzene-d5
 Concen: 82.913 ng
 RT: 7.23 min Scan# 875
 Delta R.T. 0.00 min
 Lab File: BF114807.D
 Acq: 5 Jun 2019 8:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1798763

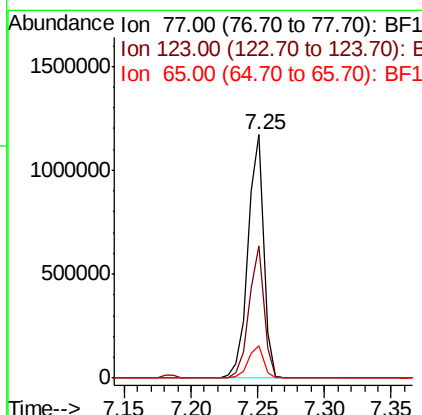
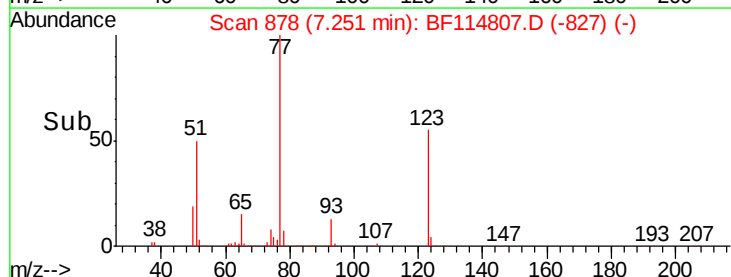
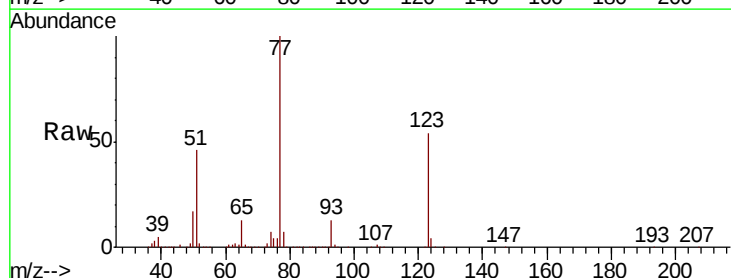
Ion	Ratio	Lower	Upper
82	100		
128	53.6	41.8	62.6
54	46.4	37.9	56.9

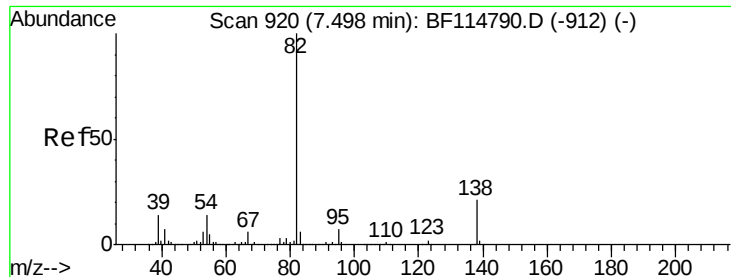


#24
 Nitrobenzene
 Concen: 41.876 ng
 RT: 7.25 min Scan# 878
 Delta R.T. 0.00 min
 Lab File: BF114807.D
 Acq: 5 Jun 2019 8:55

Tgt Ion: 77 Resp: 941168

Ion	Ratio	Lower	Upper
77	100		
123	54.4	41.5	62.3
65	13.2	10.8	16.2





#25

Isophorone

Concen: 39.096 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF114807.D

Acq: 5 Jun 2019 8:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

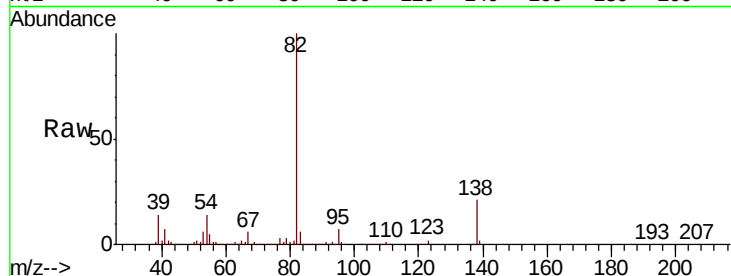
Tot Ion: 82 Resp: 1676804

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.8

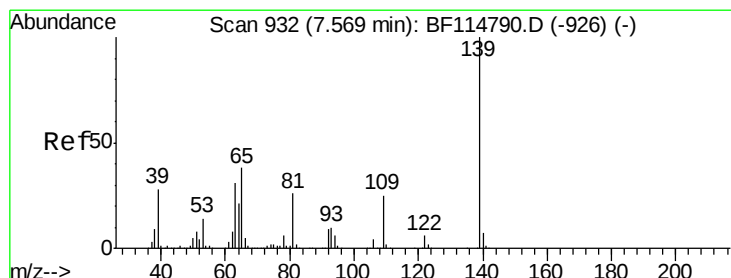
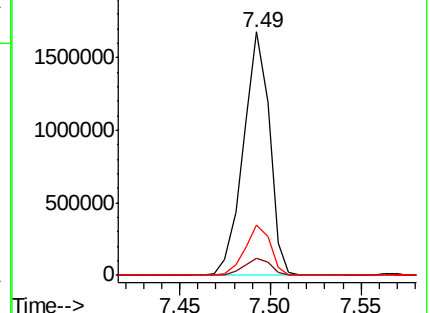
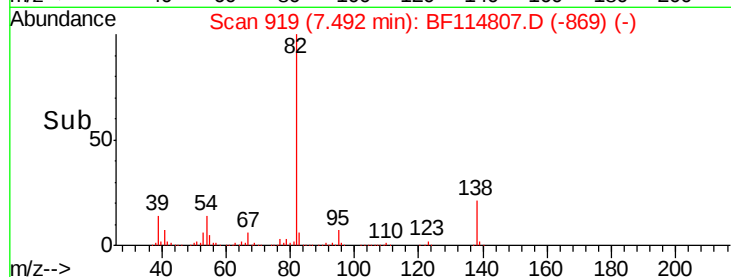
138 20.7 16.9 25.3



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: 41.017 ng

RT: 7.56 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF114807.D

Acq: 5 Jun 2019 8:55

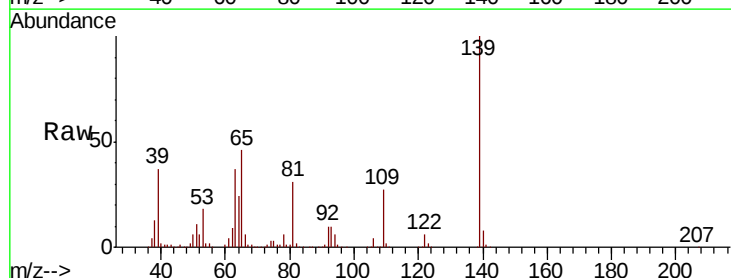
Tgt Ion: 139 Resp: 499295

Ion Ratio Lower Upper

139 100

109 26.8 20.4 30.6

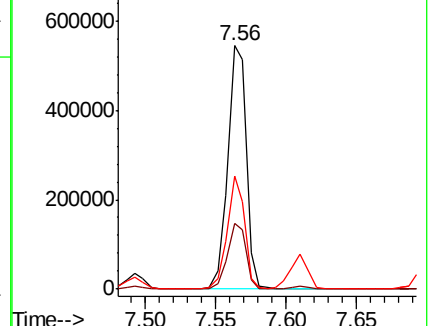
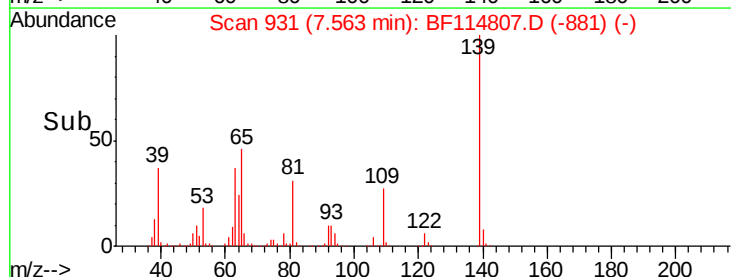
65 46.3 30.5 45.7#

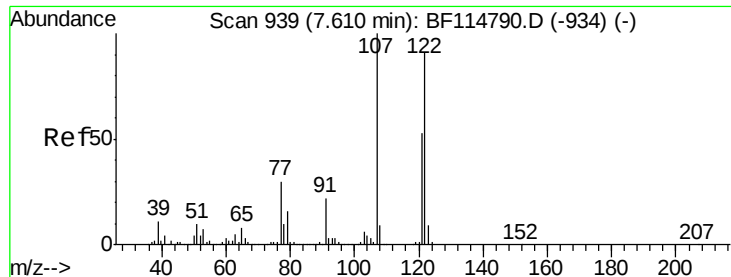


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

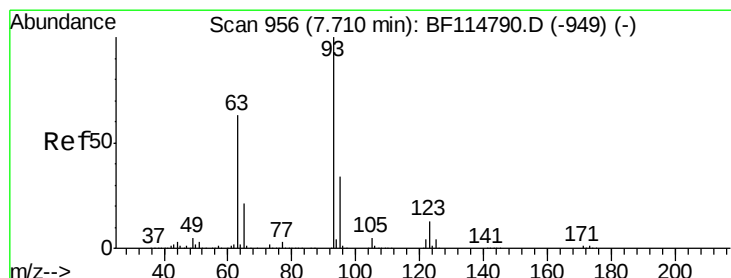
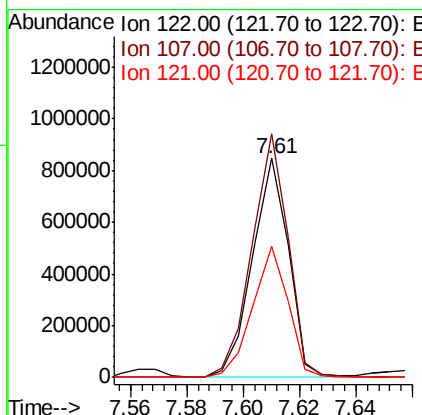
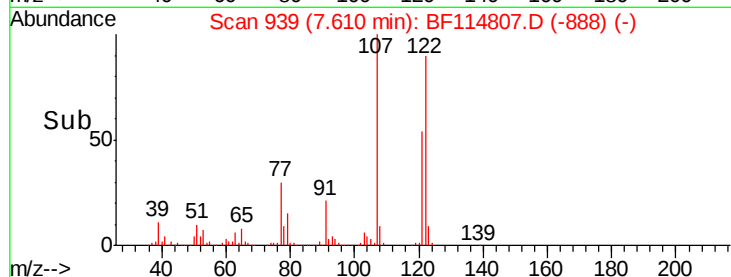
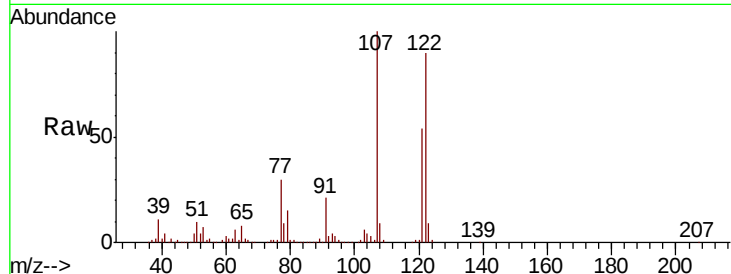




#27
 2,4-Dimethylphenol
 Concen: 40.822 ng
 RT: 7.61 min Scan# 939
 Delta R.T. 0.00 min
 Lab File: BF114807.D
 Acq: 5 Jun 2019 8:55

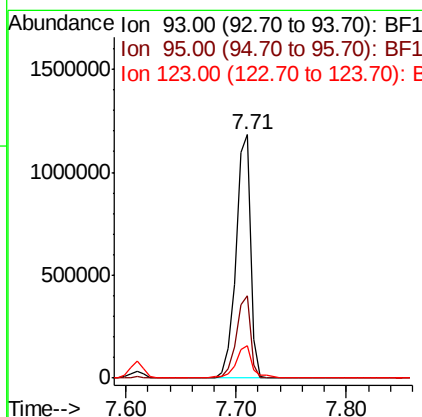
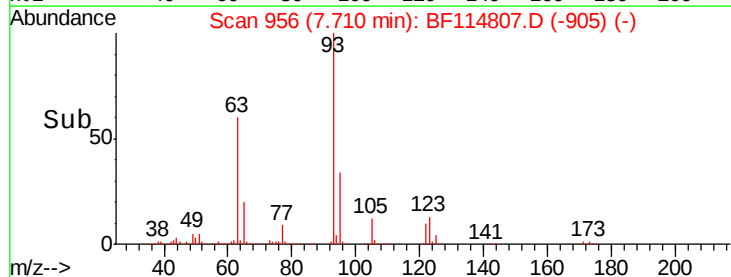
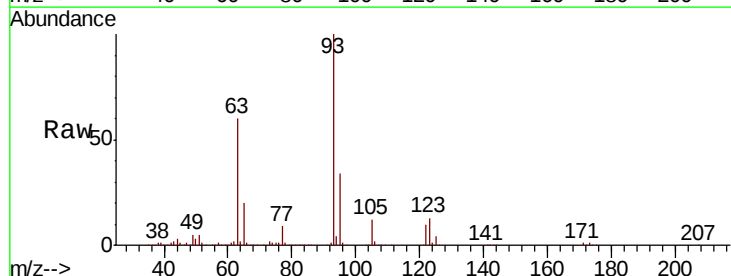
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

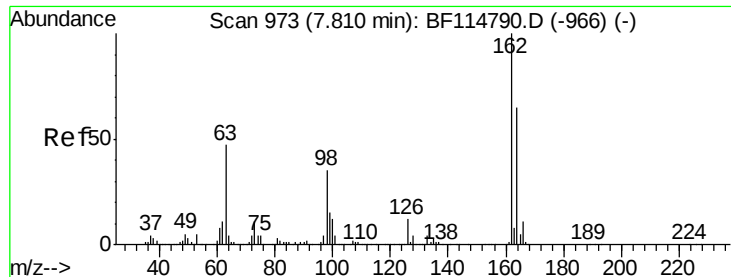
Tot Ion	Ratio	Lower	Upper
122	100		
107	111.2	87.9	131.9
121	59.8	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.234 ng
 RT: 7.71 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BF114807.D
 Acq: 5 Jun 2019 8:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.9	26.9	40.3
123	13.4	10.4	15.6

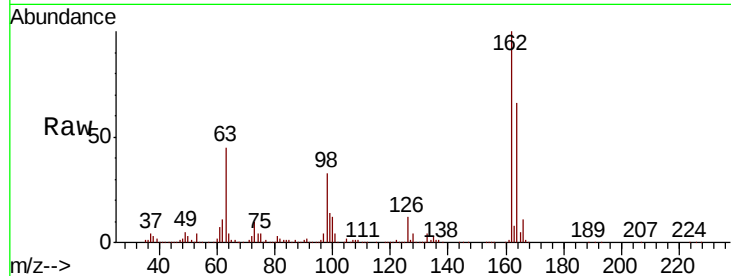




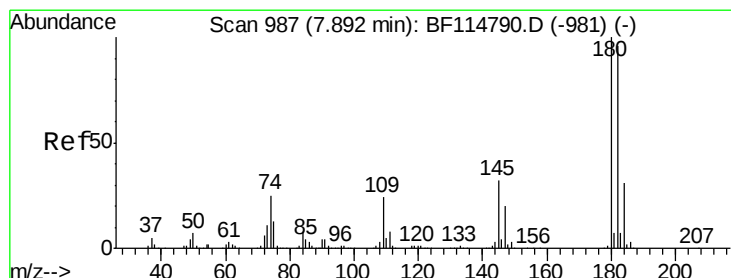
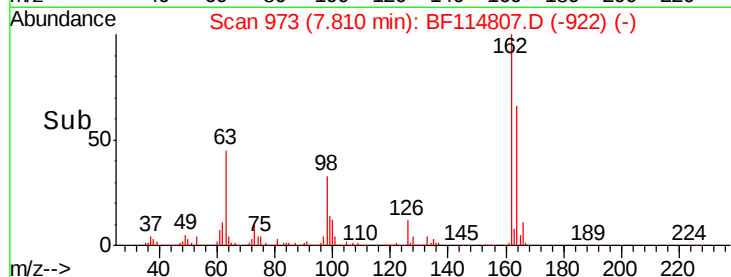
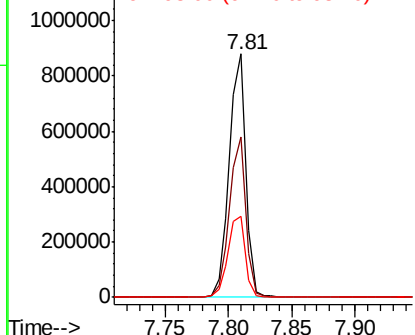
#29
2,4-Dichlorophenol
Concen: 41.036 ng
RT: 7.81 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF114807.D
Acq: 5 Jun 2019 8:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.9	45.1	85.1
98	33.0	14.6	54.6

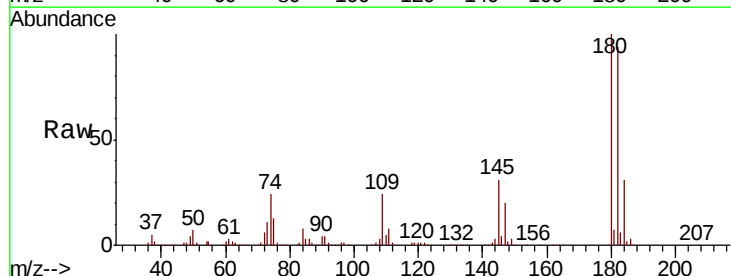


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

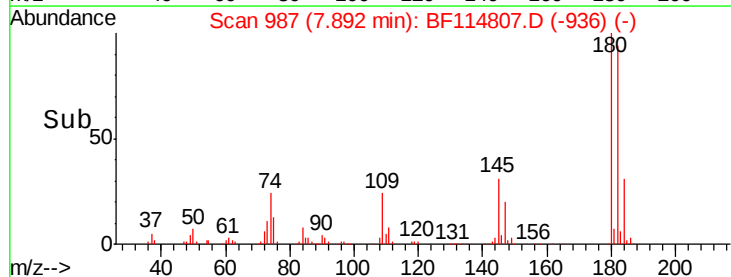
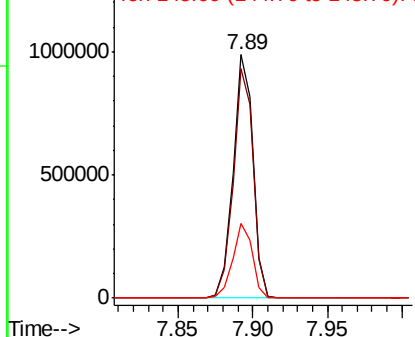


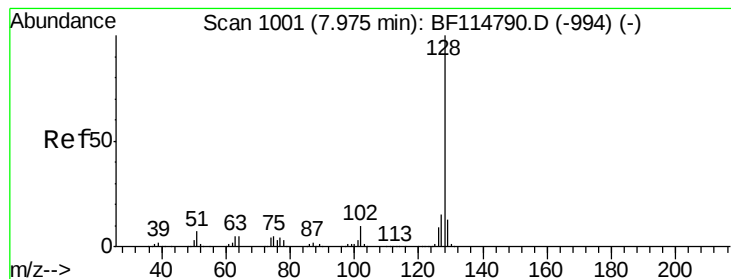
#30
1,2,4-Trichlorobenzene
Concen: 41.570 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF114807.D
Acq: 5 Jun 2019 8:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.5	114.7
145	30.5	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: 43.079 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF114807.D

Acq: 5 Jun 2019 8:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

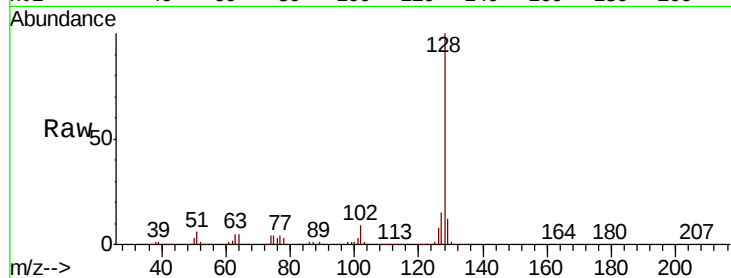
Tot Ion:128 Resp: 2590086

Ion Ratio Lower Upper

128 100

129 12.3 10.0 15.0

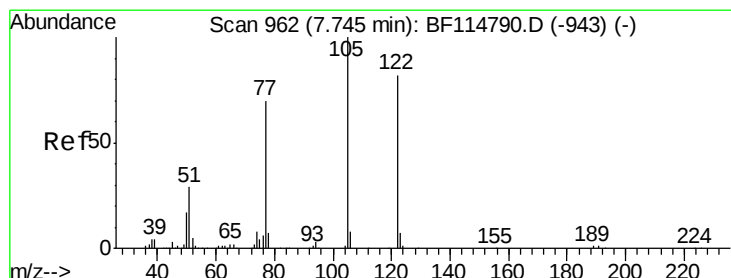
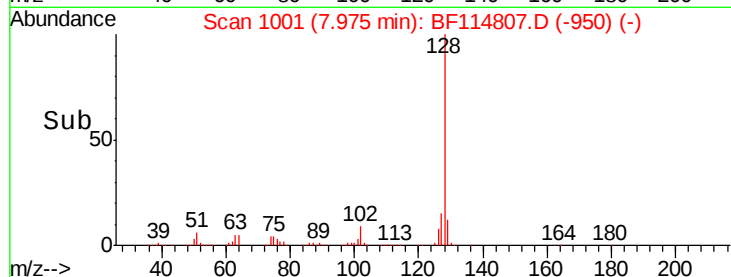
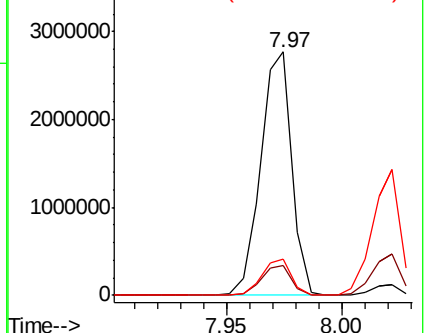
127 14.7 12.2 18.2



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: 36.514 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF114807.D

Acq: 5 Jun 2019 8:55

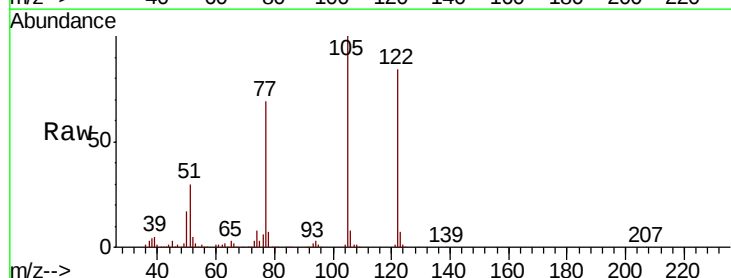
Tgt Ion:122 Resp: 492031

Ion Ratio Lower Upper

122 100

105 119.4 98.7 138.7

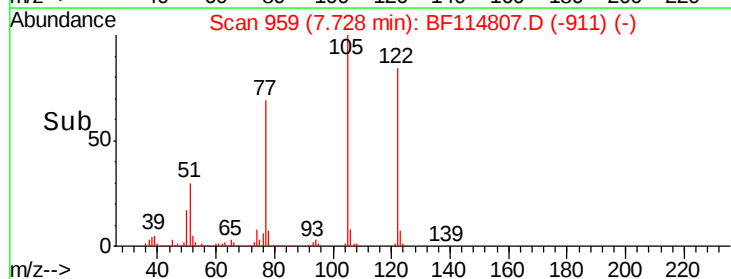
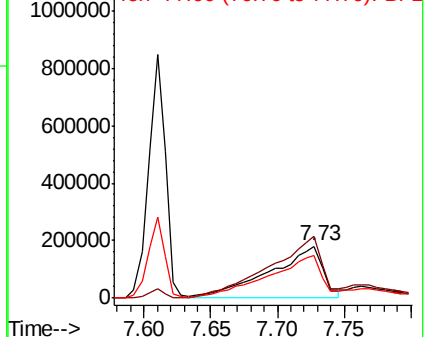
77 82.8 64.8 104.8

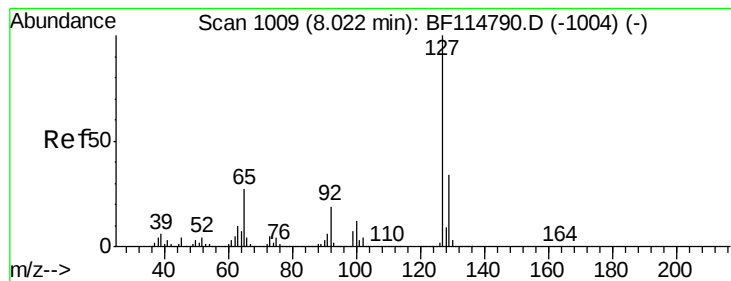


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 42.452 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF114807.D

Acq: 5 Jun 2019 8:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 1217635

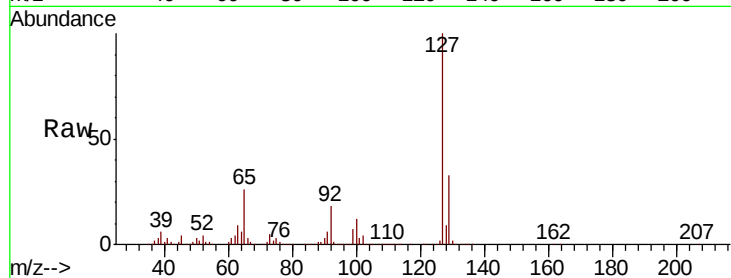
Ion Ratio Lower Upper

127 100

129 33.3 26.9 40.3

65 26.0 21.7 32.5

92 17.9 14.8 22.2

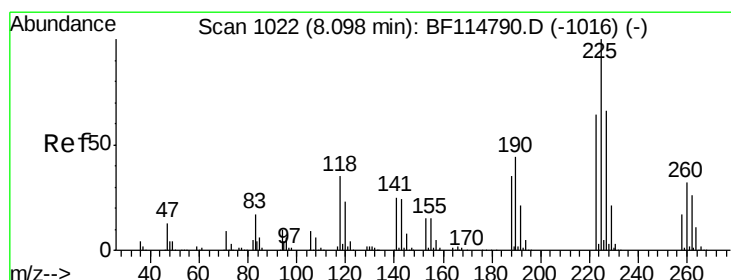
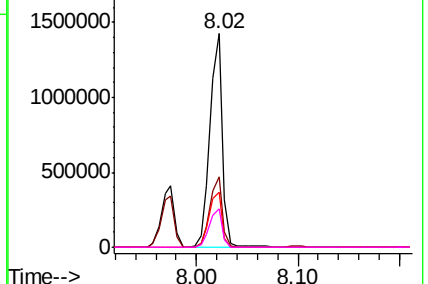
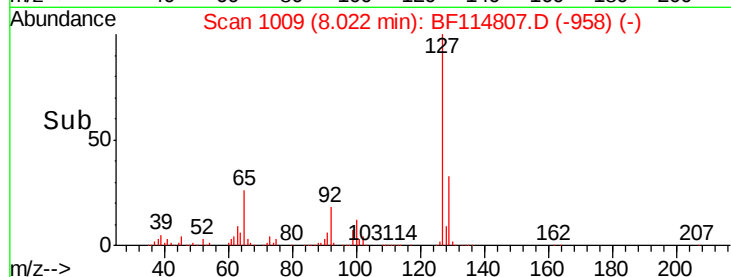


Abundance Ion 127.00 (126.70 to 127.70): E

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: 40.803 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF114807.D

Acq: 5 Jun 2019 8:55

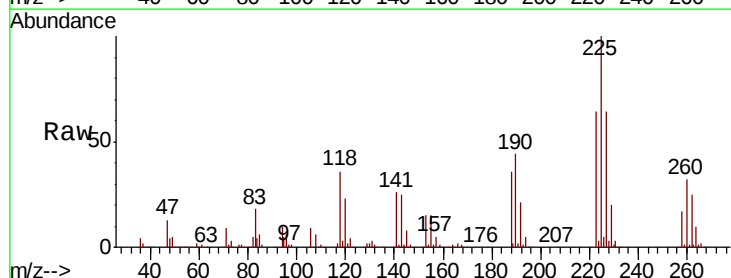
Tgt Ion:225 Resp: 518107

Ion Ratio Lower Upper

225 100

223 63.8 51.0 76.6

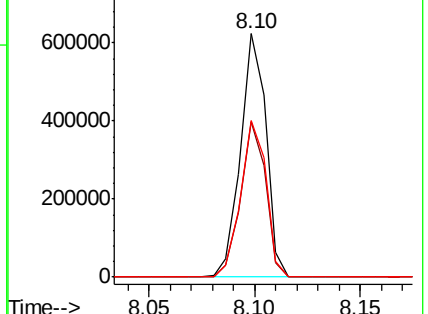
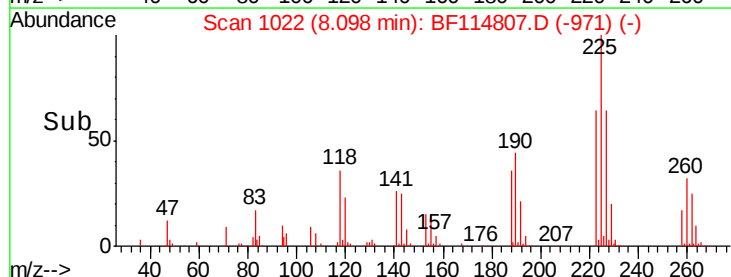
227 64.1 52.6 78.8

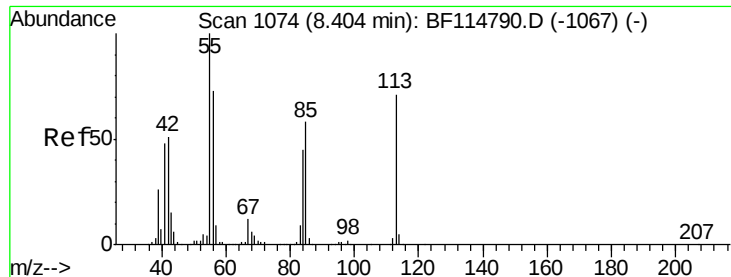


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 42.823 ng

RT: 8.39 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF114807.D

Acq: 5 Jun 2019 8:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

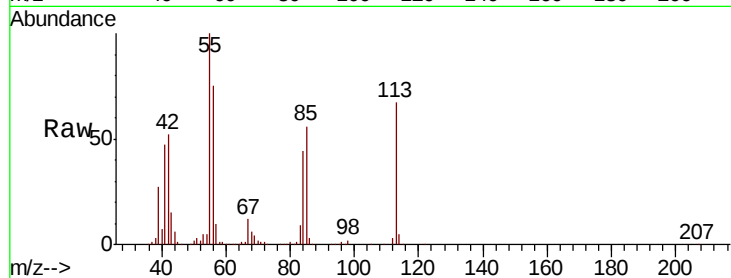
Tot Ion:113 Resp: 272294

Ion Ratio Lower Upper

113 100

55 149.7 121.1 161.1

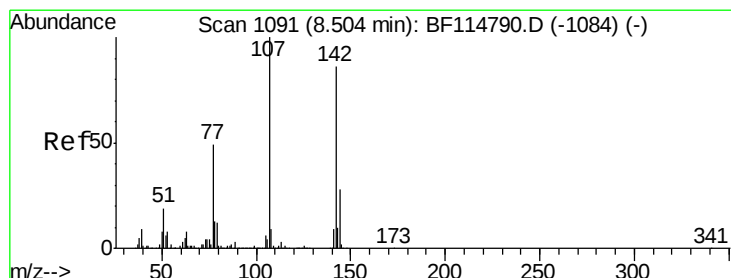
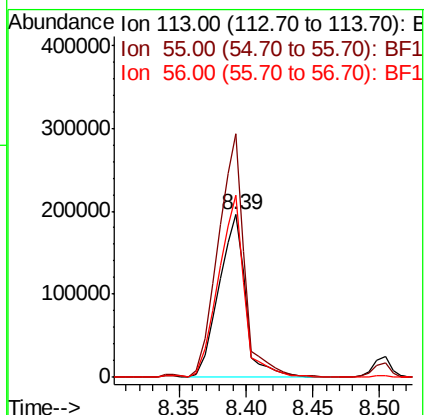
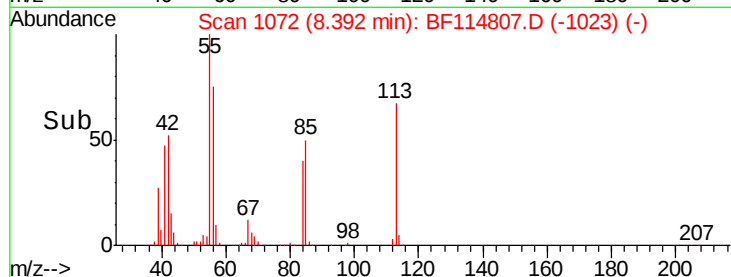
56 111.6 82.6 122.6



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: 41.504 ng

RT: 8.50 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BF114807.D

Acq: 5 Jun 2019 8:55

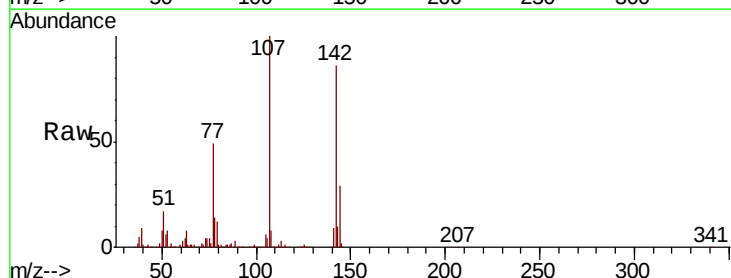
Tgt Ion:107 Resp: 803900

Ion Ratio Lower Upper

107 100

144 28.8 22.1 33.1

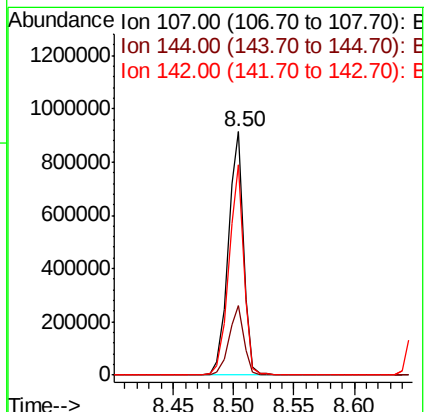
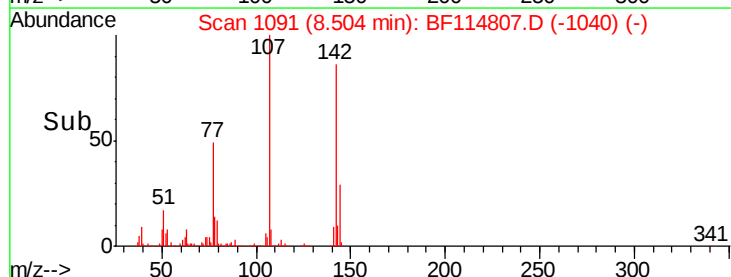
142 86.1 68.4 102.6

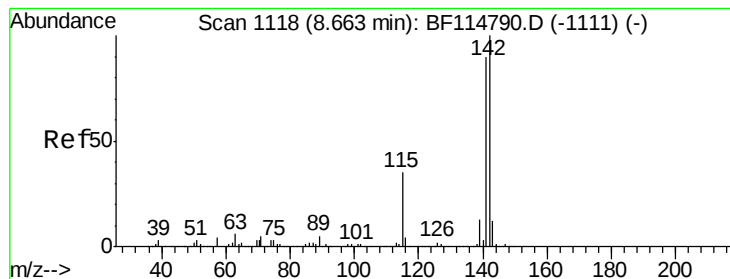


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.244 ng

RT: 8.66 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BF114807.D

Acq: 5 Jun 2019 8:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

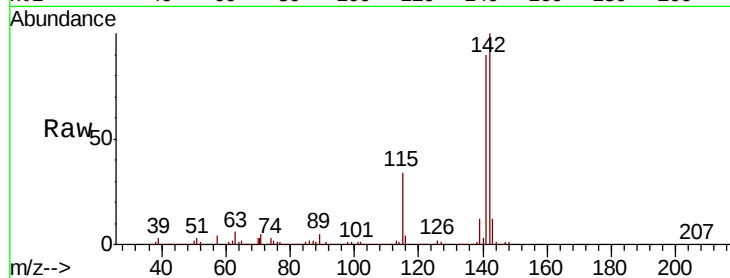
Tot Ion:142 Resp: 1761683

Ion Ratio Lower Upper

142 100

141 89.8 71.6 107.4

115 34.2 28.2 42.4

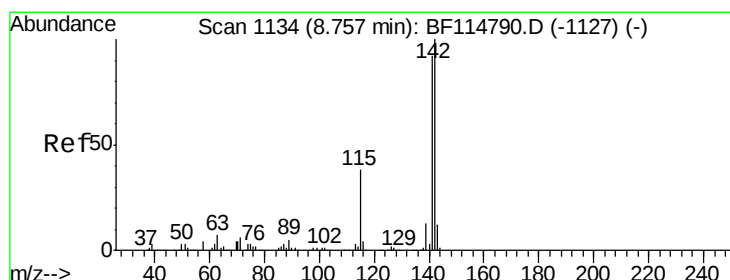
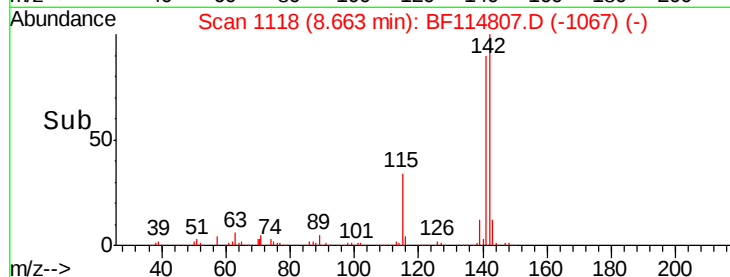
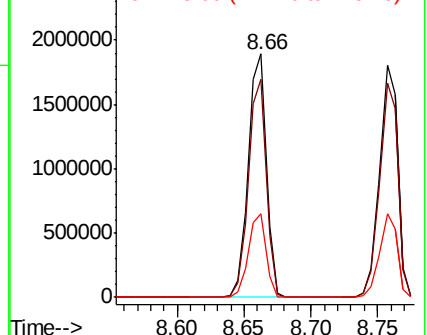


Abundance

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: 42.461 ng

RT: 8.76 min Scan# 1134

Delta R.T. 0.00 min

Lab File: BF114807.D

Acq: 5 Jun 2019 8:55

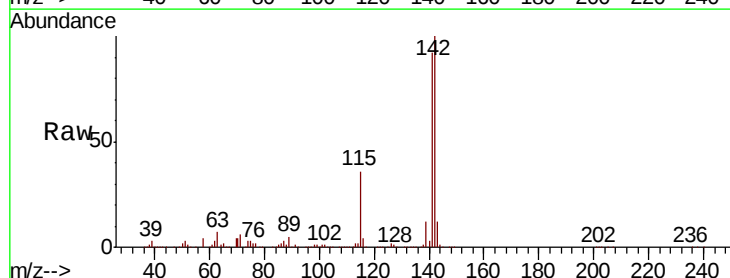
Tgt Ion:142 Resp: 1679282

Ion Ratio Lower Upper

142 100

141 92.5 73.8 110.6

116 3.9 3.3 4.9

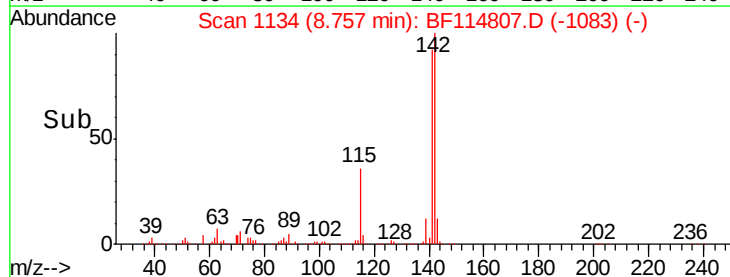
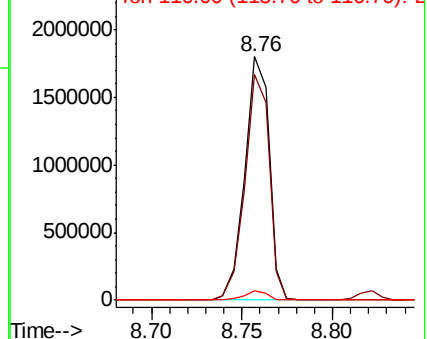


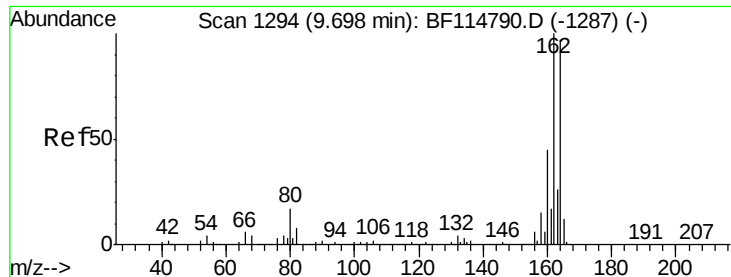
Abundance

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

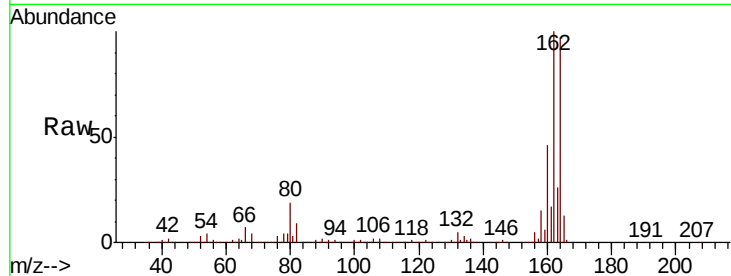




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF114807.D
Acq: 5 Jun 2019 8:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.3	123.5
160	46.9	36.7	55.1

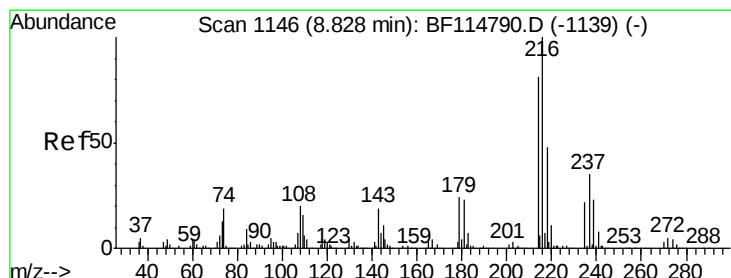
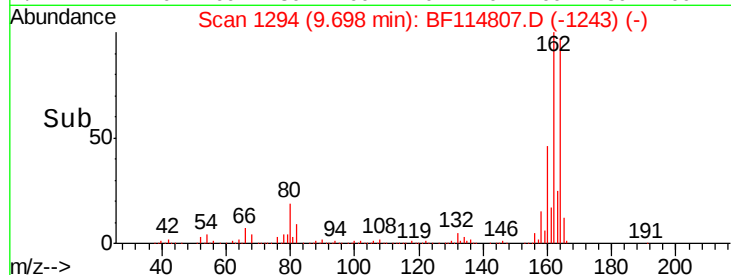
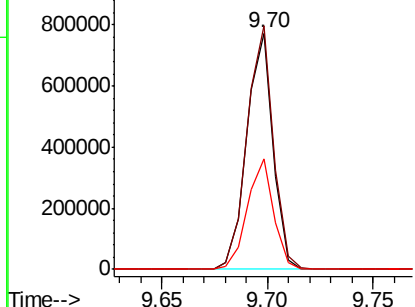


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.850 ng
RT: 8.83 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF114807.D
Acq: 5 Jun 2019 8:55

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.4	95.2
179	22.4	18.3	27.5
108	18.9	15.5	23.3

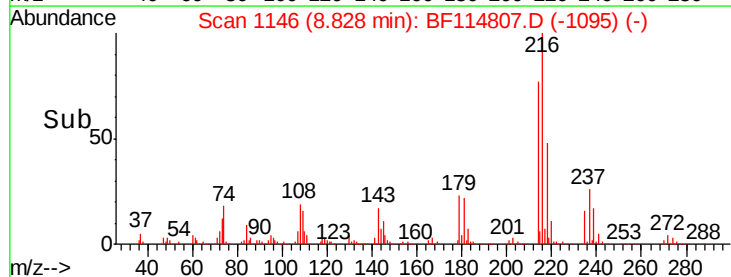
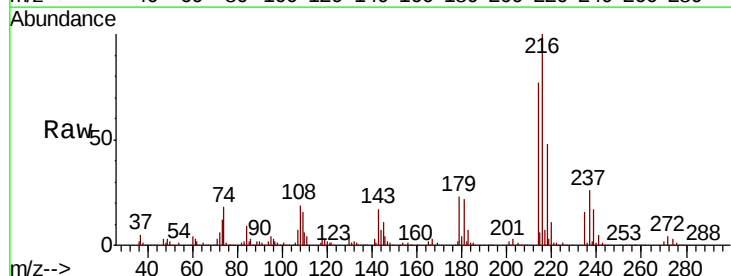
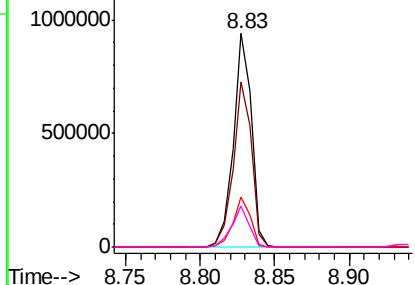
Abundance

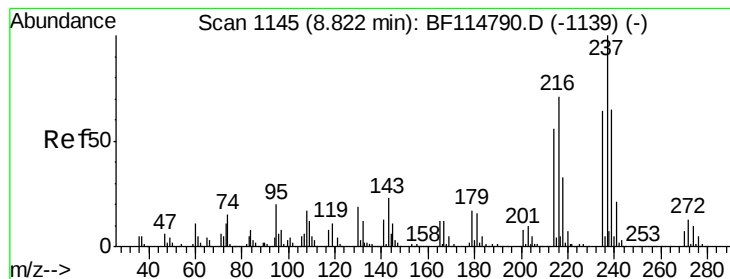
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 37.502 ng

RT: 8.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF114807.D

Acq: 5 Jun 2019 8:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

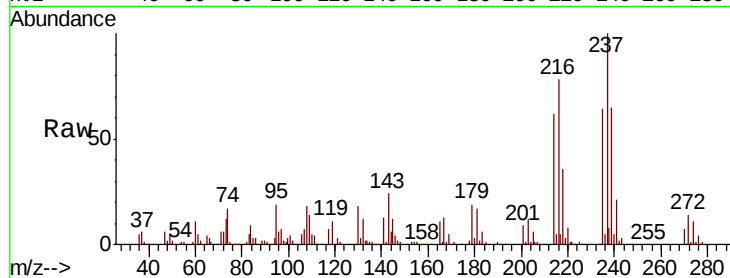
Tot Ion:237 Resp: 437202

Ion Ratio Lower Upper

237 100

235 63.7 44.0 84.0

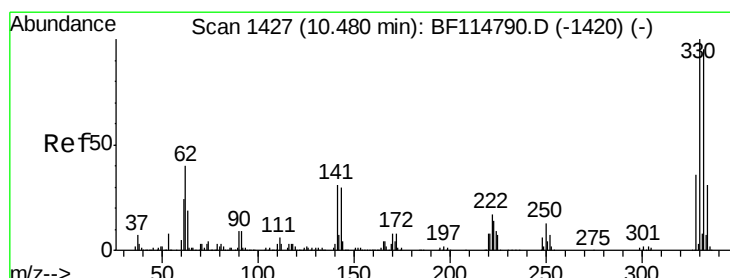
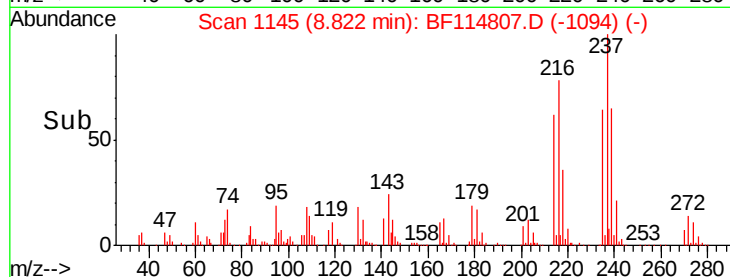
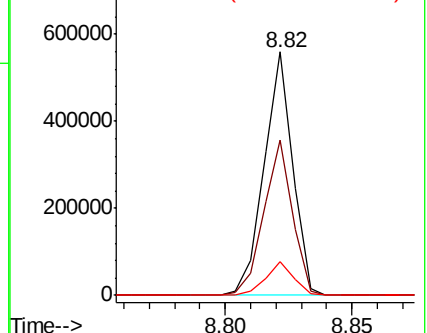
272 13.7 0.0 33.4



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: 85.517 ng

RT: 10.48 min Scan# 1427

Delta R.T. 0.00 min

Lab File: BF114807.D

Acq: 5 Jun 2019 8:55

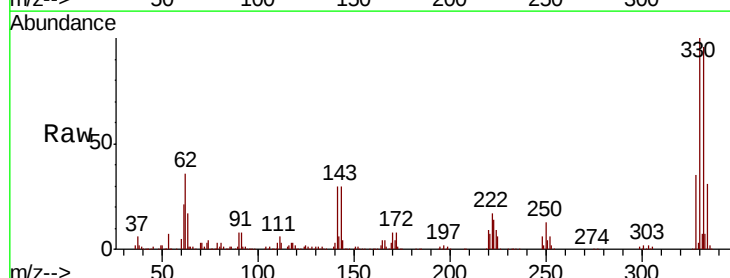
Tgt Ion:330 Resp: 614699

Ion Ratio Lower Upper

330 100

332 95.2 77.3 115.9

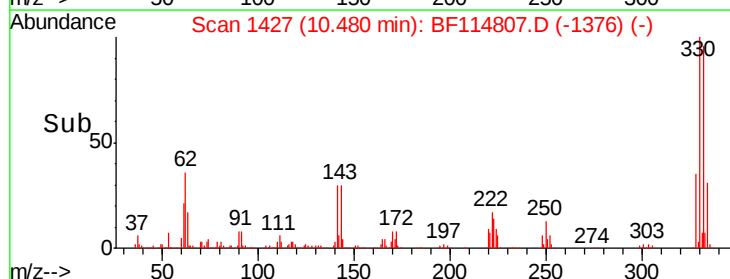
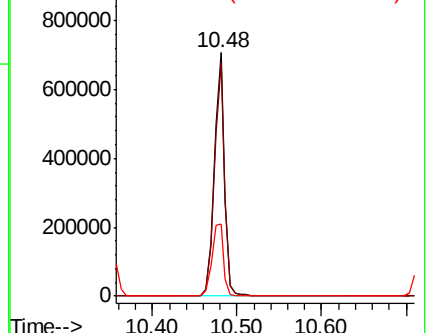
141 33.4 26.2 39.4

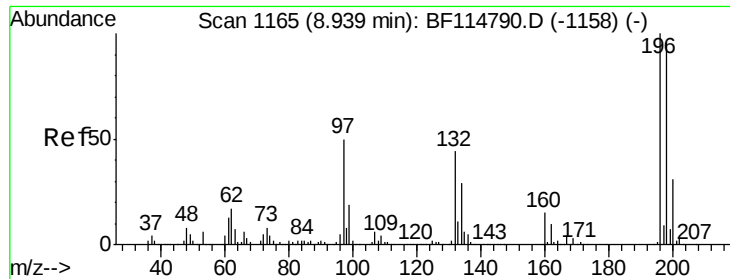


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

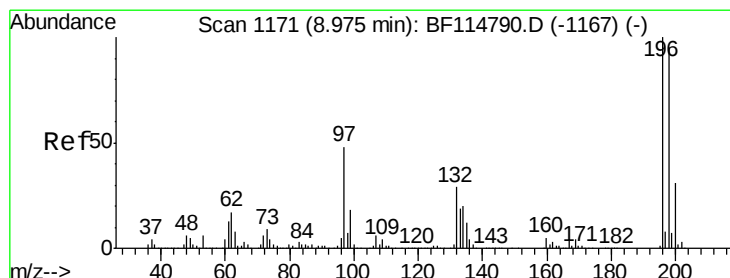
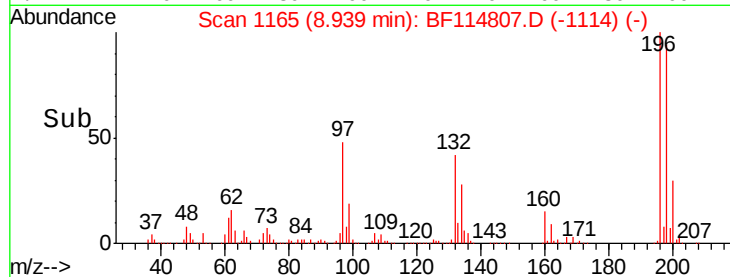
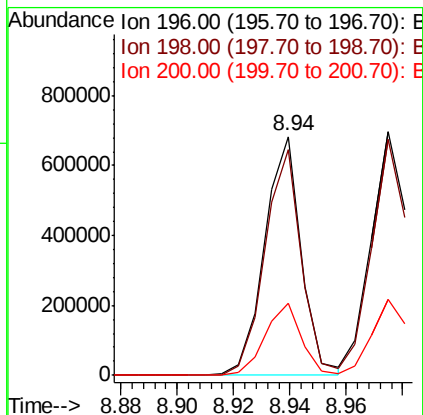
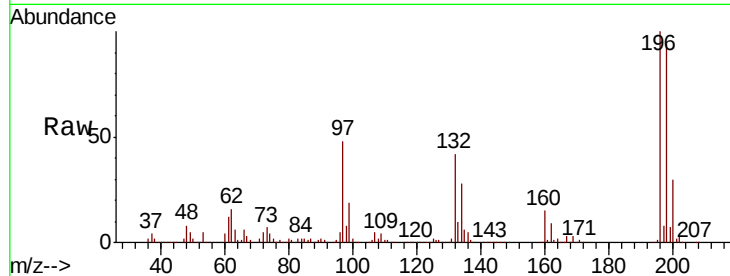




#43
 2,4,6-Trichlorophenol
 Concen: 40.988 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF114807.D
 Acq: 5 Jun 2019 8:55

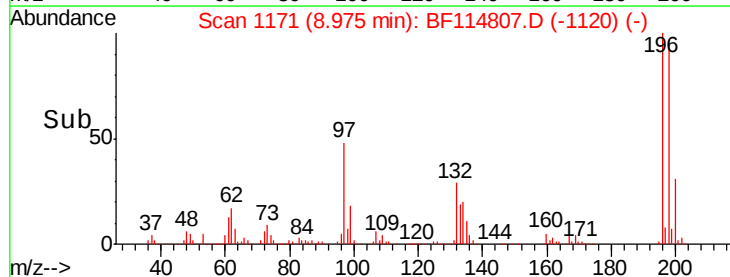
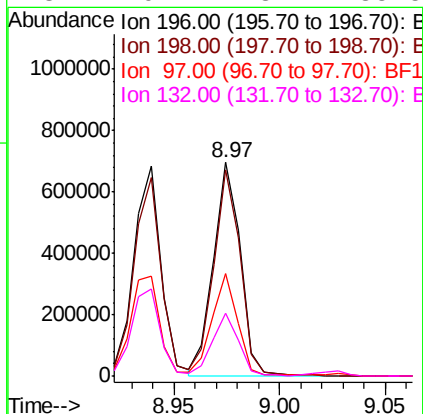
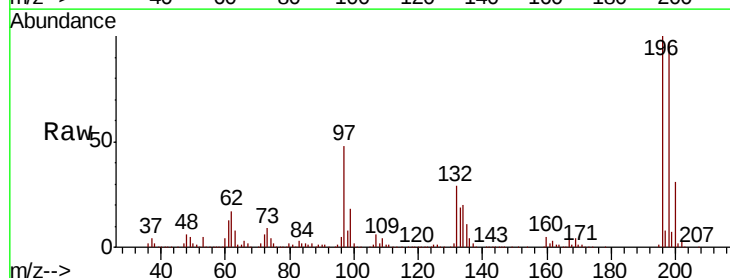
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

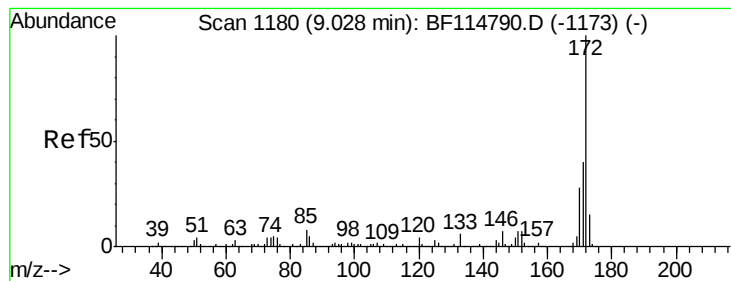
Tot Ion:196 Resp: 612637
 Ion Ratio Lower Upper
 196 100
 198 94.5 77.1 115.7
 200 30.3 24.6 36.8



#44
 2,4,5-Trichlorophenol
 Concen: 41.297 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BF114807.D
 Acq: 5 Jun 2019 8:55

Tgt Ion:196 Resp: 621648
 Ion Ratio Lower Upper
 196 100
 198 96.7 76.2 114.4
 97 48.0 38.2 57.4
 132 29.4 23.7 35.5





#45

2-Fluorobiphenyl

Concen: 88.564 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF114807.D

Acq: 5 Jun 2019 8:55

Instrument :

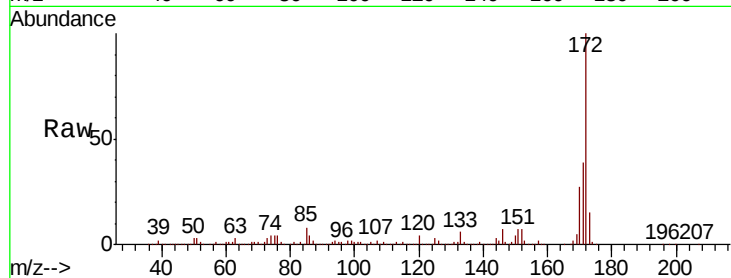
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:172 Resp: 3153461

Ion	Ratio	Lower	Upper
172	100		
171	39.5	32.3	48.5
170	27.4	22.4	33.6

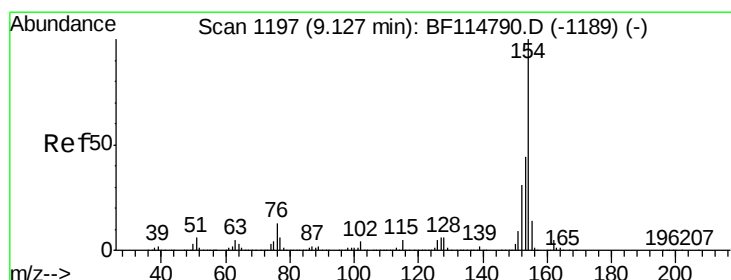
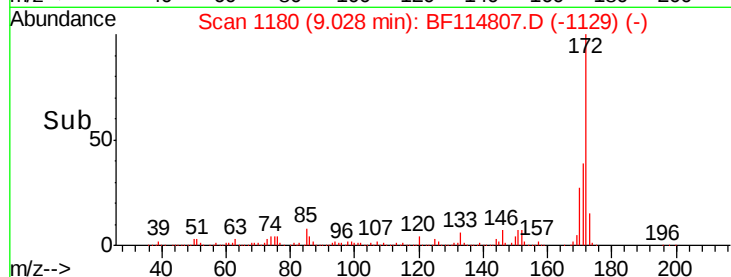
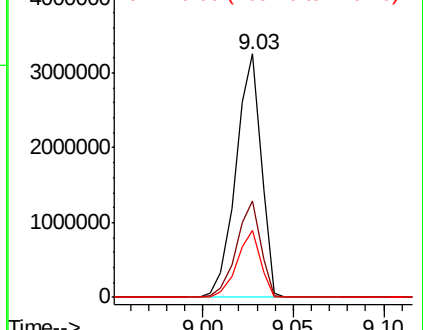


Abundance

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: 42.577 ng

RT: 9.13 min Scan# 1197

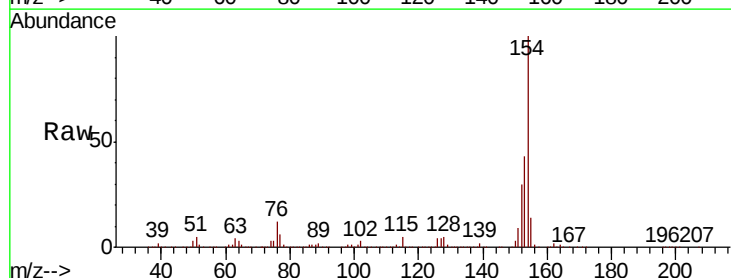
Delta R.T. 0.00 min

Lab File: BF114807.D

Acq: 5 Jun 2019 8:55

Tgt Ion:154 Resp: 2104806

Ion	Ratio	Lower	Upper
154	100		
153	42.7	23.9	63.9
76	12.0	0.0	33.2

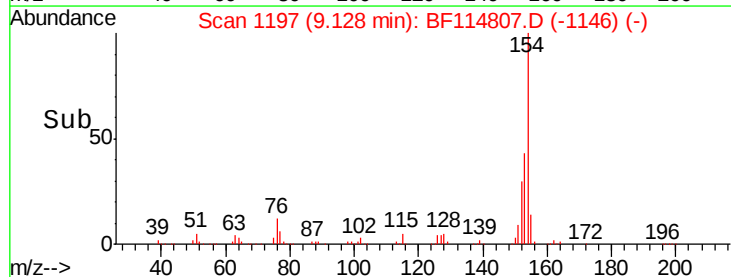
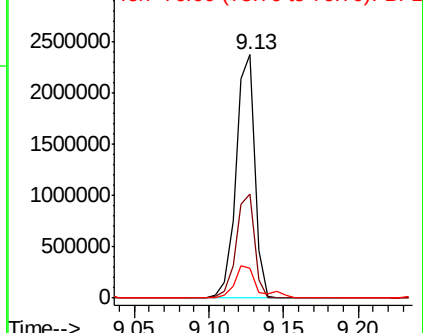


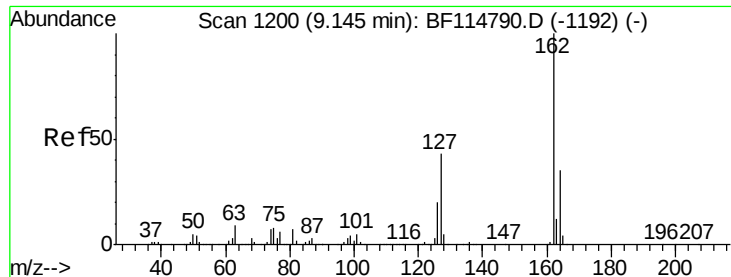
Abundance

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

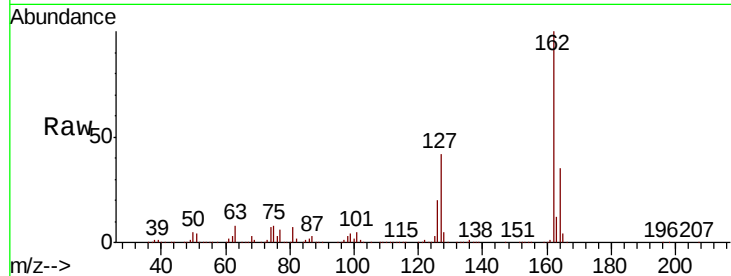




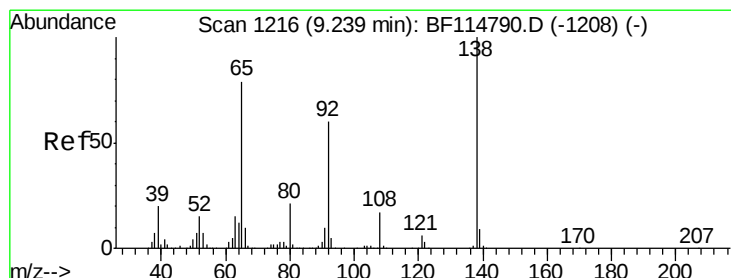
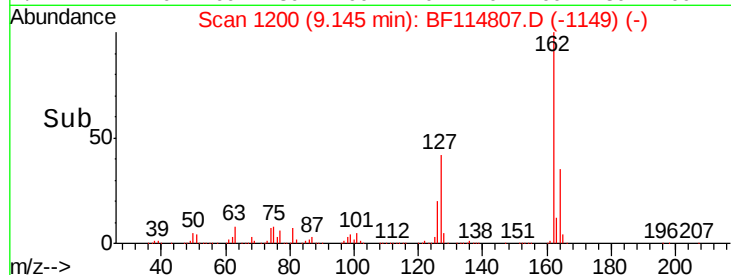
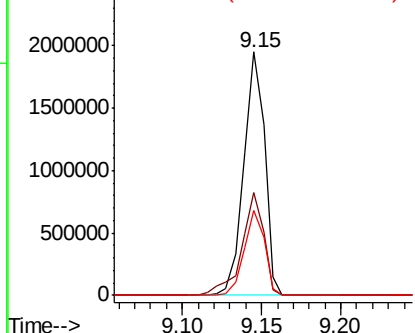
#47
 2-Chloronaphthalene
 Concen: 42.262 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF114807.D
 Acq: 5 Jun 2019 8:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 162 Resp: 1775285
 Ion Ratio Lower Upper
 162 100
 127 42.0 34.6 51.8
 164 34.8 27.8 41.8

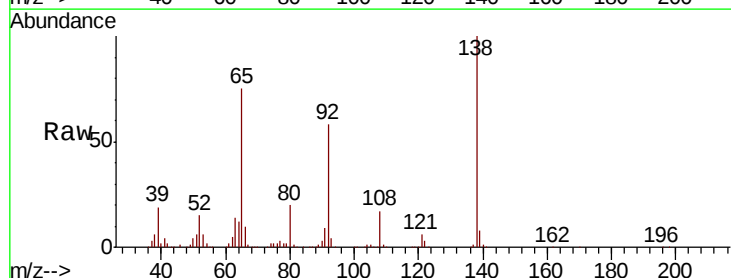


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

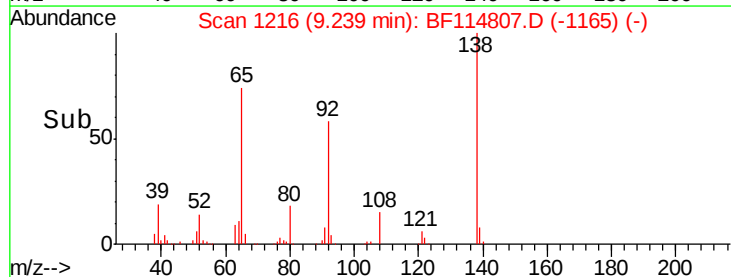
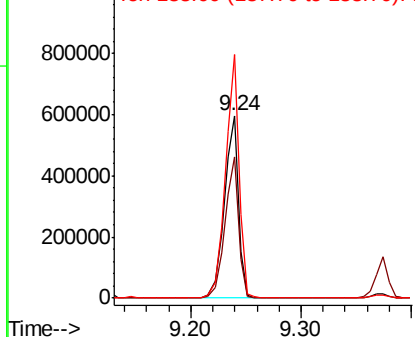


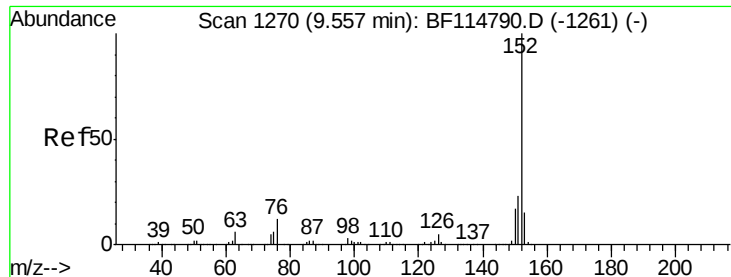
#48
 2-Nitroaniline
 Concen: 42.534 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF114807.D
 Acq: 5 Jun 2019 8:55

Tgt Ion: 65 Resp: 533195
 Ion Ratio Lower Upper
 65 100
 92 77.2 60.4 90.6
 138 133.4 101.2 151.8



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

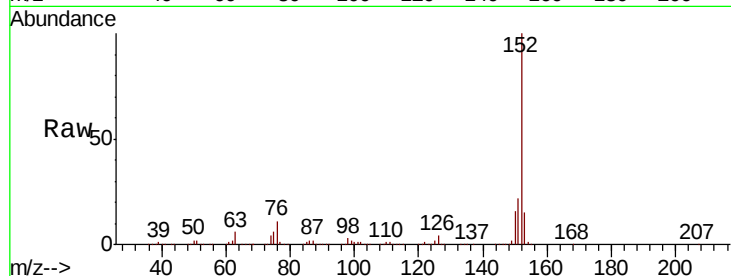




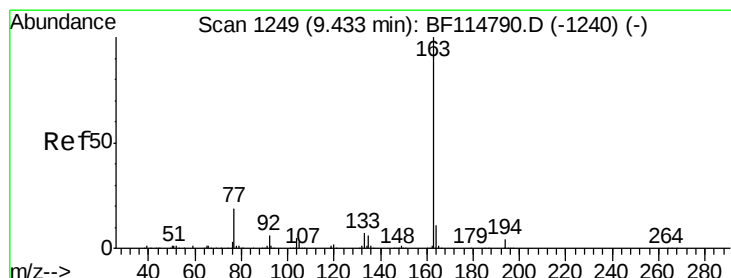
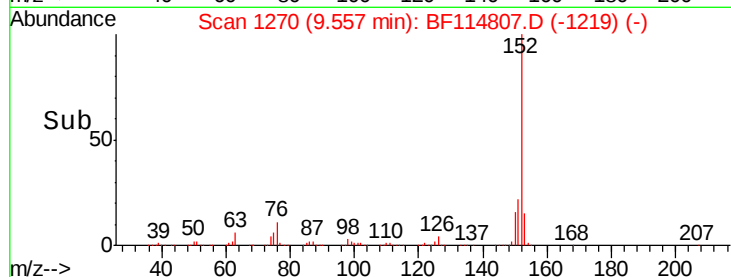
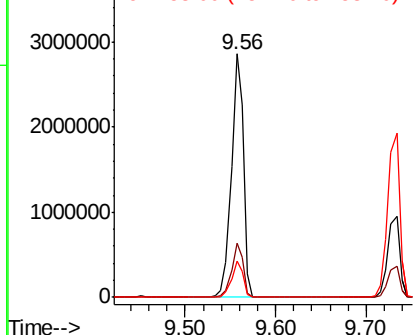
#49
Acenaphthylene
Concen: 43.315 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BF114807.D
Acq: 5 Jun 2019 8:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 2638576
Ion Ratio Lower Upper
152 100
151 22.2 18.3 27.5
153 14.8 12.3 18.5

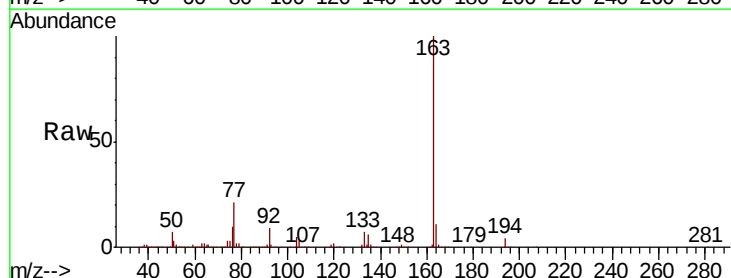


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

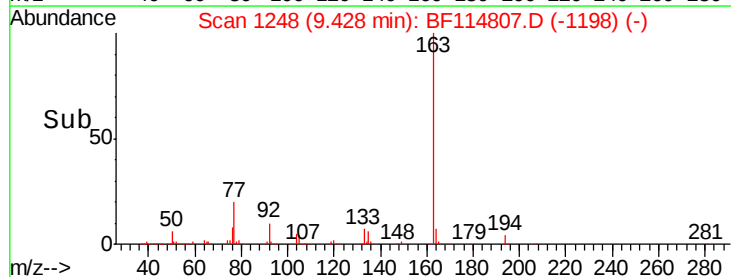
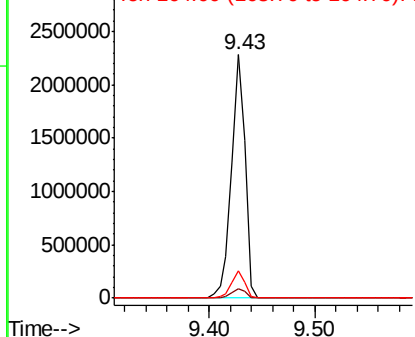


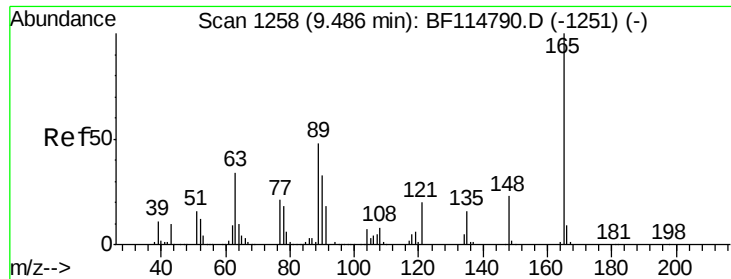
#50
Dimethylphthalate
Concen: 41.533 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF114807.D
Acq: 5 Jun 2019 8:55

Tgt Ion:163 Resp: 2023299
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 11.1 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

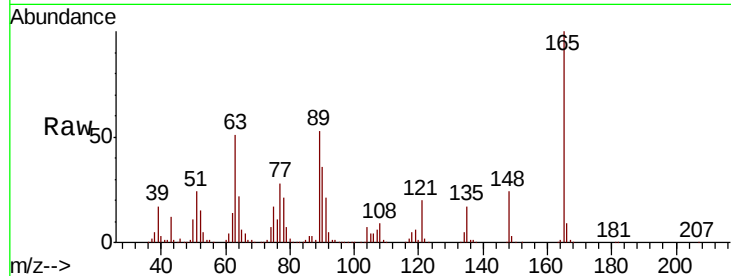




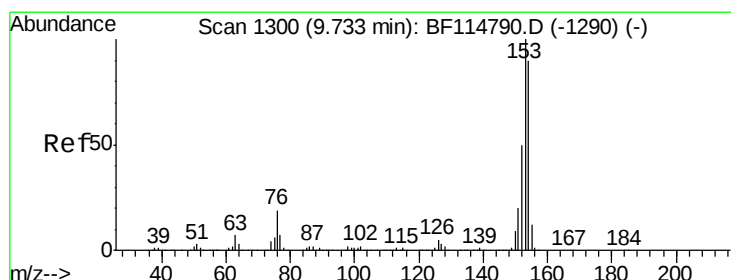
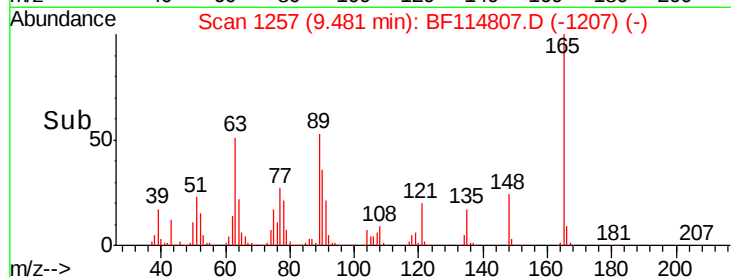
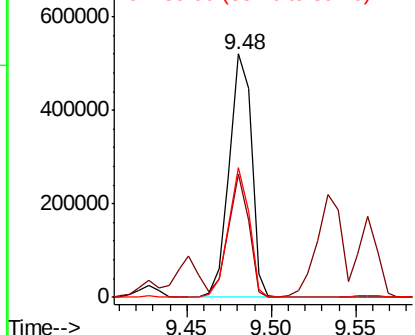
#51
2,6-Dinitrotoluene
Concen: 41.684 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF114807.D
Acq: 5 Jun 2019 8:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:165 Resp: 477566
Ion Ratio Lower Upper
165 100
63 50.6 35.1 52.7
89 53.0 38.2 57.2

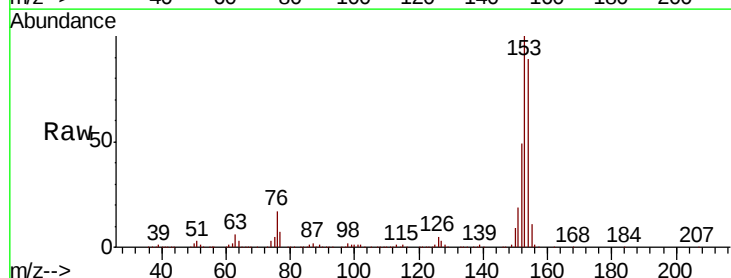


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

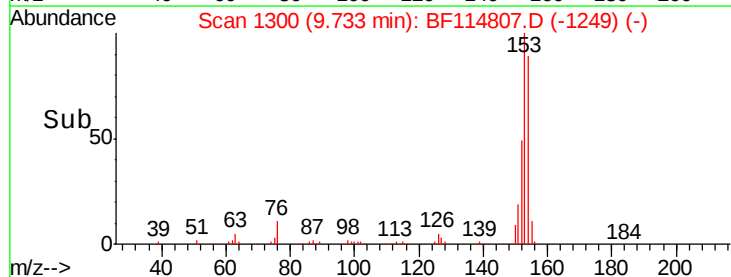
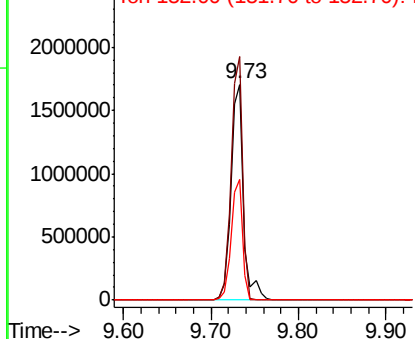


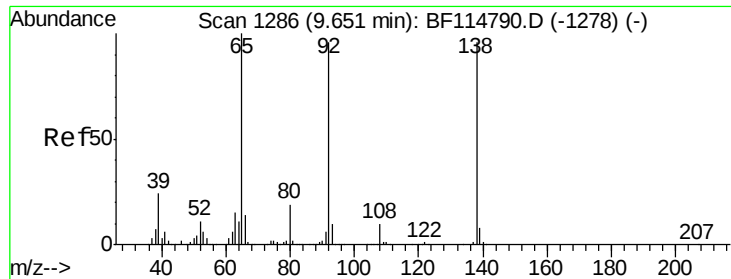
#52
Acenaphthene
Concen: 42.077 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF114807.D
Acq: 5 Jun 2019 8:55

Tgt Ion:154 Resp: 1679047
Ion Ratio Lower Upper
154 100
153 112.7 88.5 132.7
152 55.6 44.1 66.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

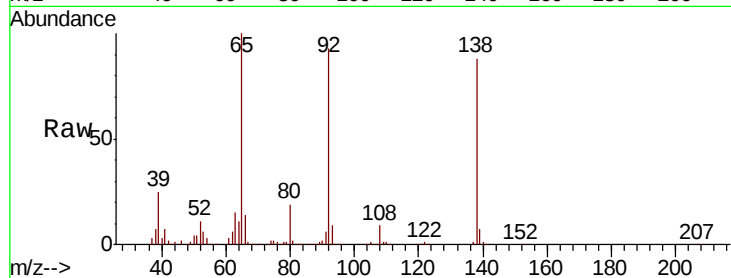




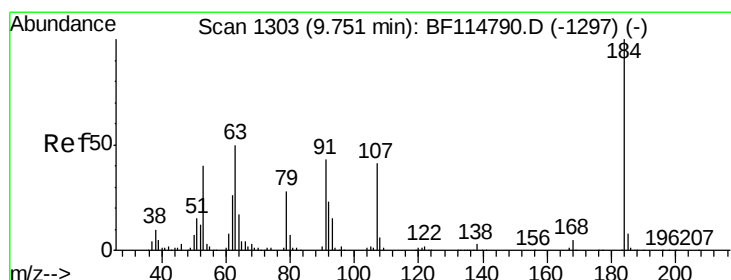
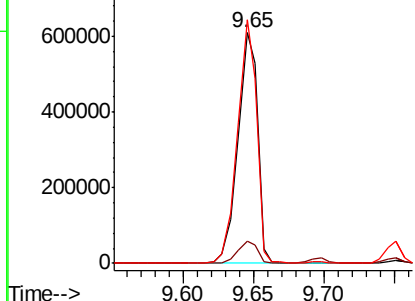
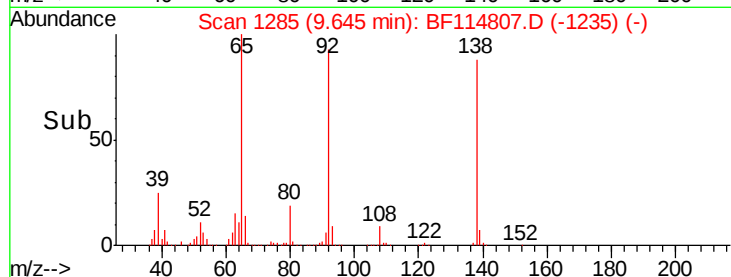
#53
3-Nitroaniline
Concen: 44.207 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF114807.D
Acq: 5 Jun 2019 8:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 591659
Ion Ratio Lower Upper
138 100
108 9.9 7.9 11.9
92 105.7 79.9 119.9

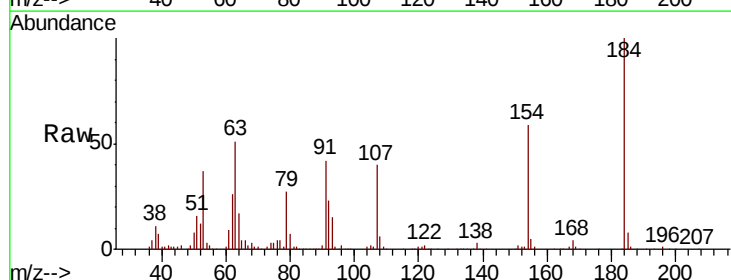


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

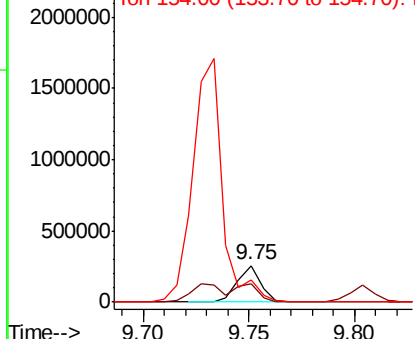
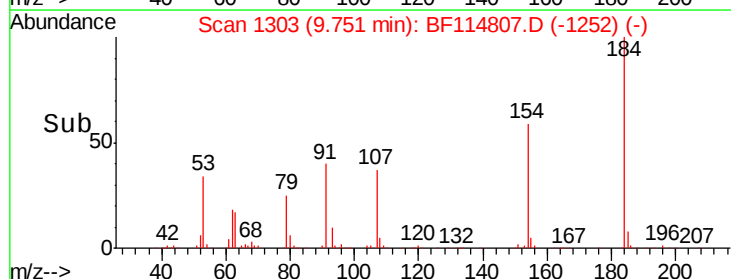


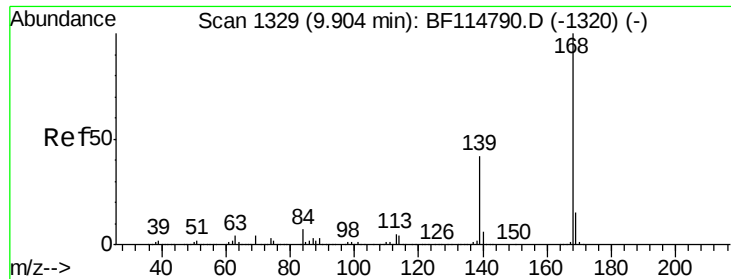
#54
2,4-Dinitrophenol
Concen: 38.731 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF114807.D
Acq: 5 Jun 2019 8:55

Tgt Ion:184 Resp: 200793
Ion Ratio Lower Upper
184 100
63 51.4 44.1 66.1
154 59.4 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

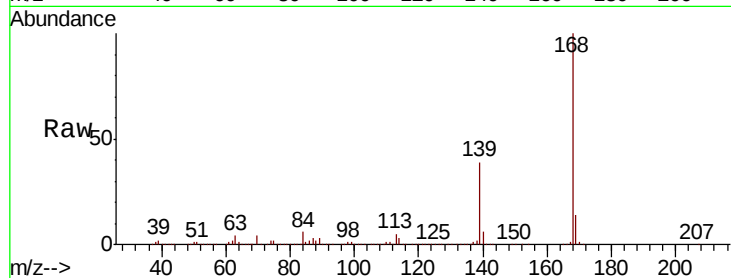




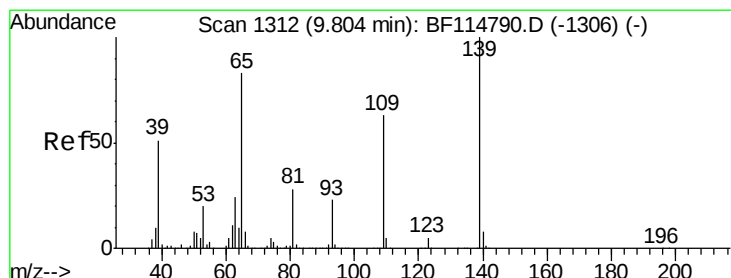
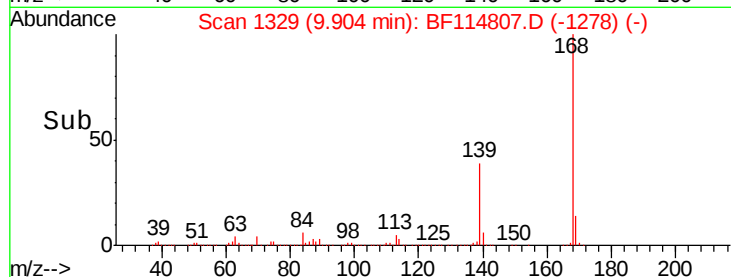
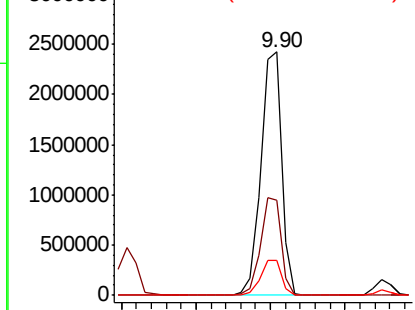
#55
Dibenzofuran
Concen: 41.423 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF114807.D
Acq: 5 Jun 2019 8:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 2298499
Ion Ratio Lower Upper
168 100
139 39.0 33.8 50.6
169 14.3 11.9 17.9

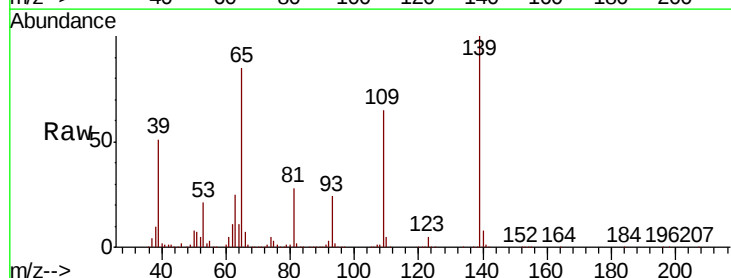


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

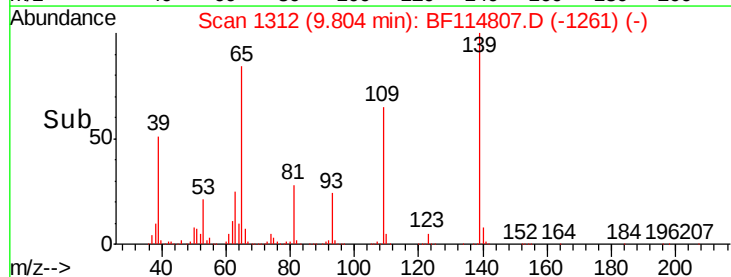
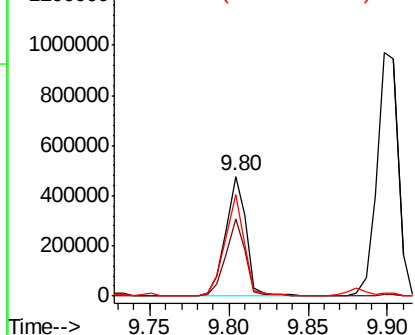


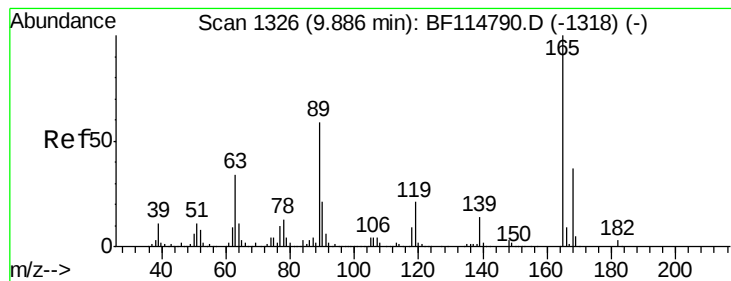
#56
4-Nitrophenol
Concen: 43.925 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF114807.D
Acq: 5 Jun 2019 8:55

Tgt Ion:139 Resp: 430773
Ion Ratio Lower Upper
139 100
109 64.8 43.5 83.5
65 84.5 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: 44.483 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF114807.D

Acq: 5 Jun 2019 8:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 640665

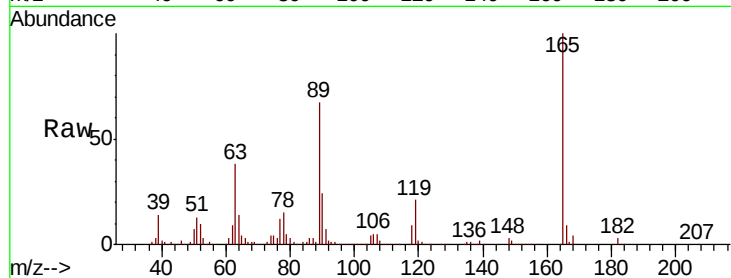
Ion Ratio Lower Upper

165 100

63 38.4 27.0 40.4

89 67.4 47.0 70.6

182 2.6 2.2 3.2

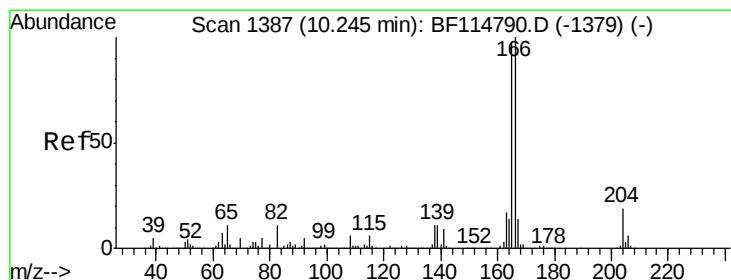
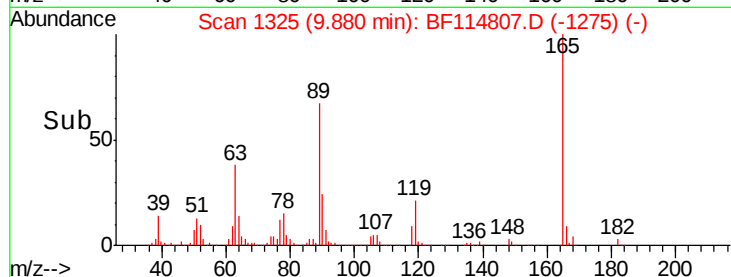
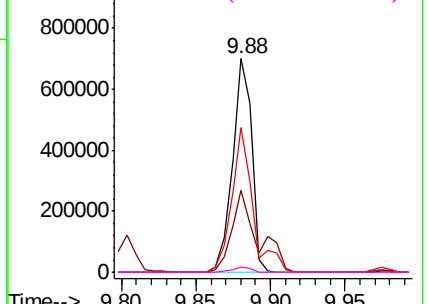


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 47.558 ng

RT: 10.25 min Scan# 1387

Delta R.T. 0.00 min

Lab File: BF114807.D

Acq: 5 Jun 2019 8:55

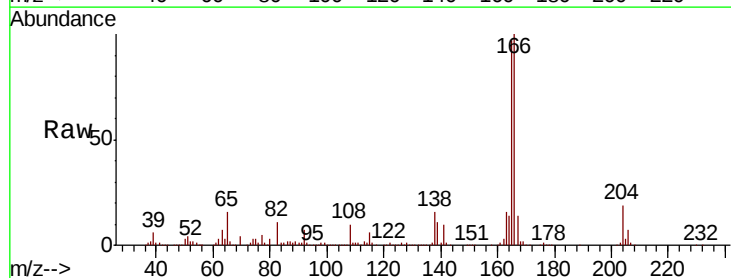
Tgt Ion:166 Resp: 1672709

Ion Ratio Lower Upper

166 100

165 97.2 77.9 116.9

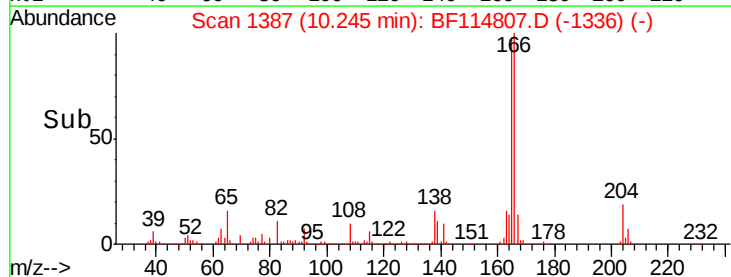
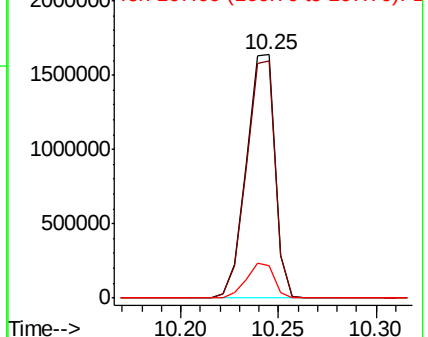
167 13.5 11.3 16.9

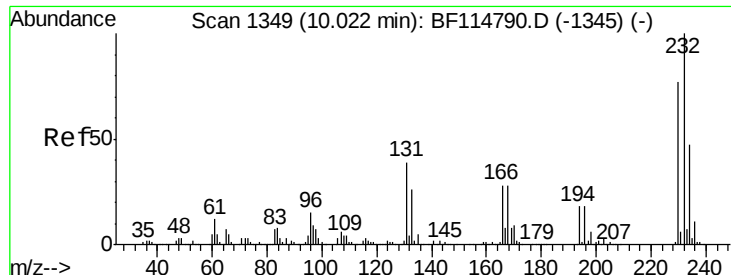


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

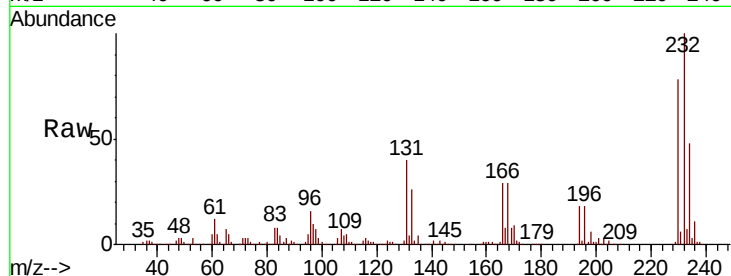




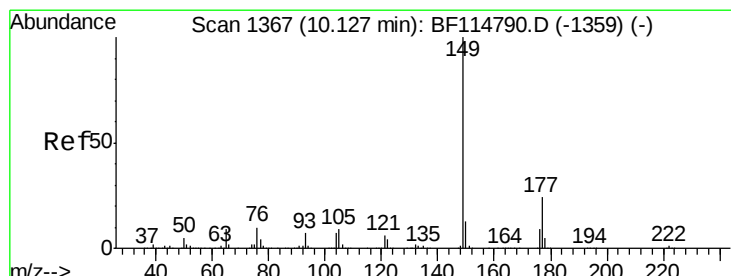
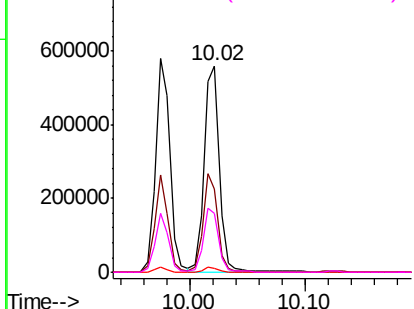
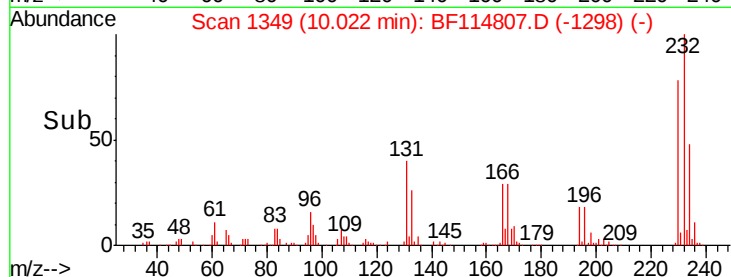
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.029 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF114807.D
Acq: 5 Jun 2019 8:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:232 Resp: 518329
Ion Ratio Lower Upper
232 100
131 45.7 36.8 55.2
130 2.2 1.8 2.6
166 30.9 24.6 37.0

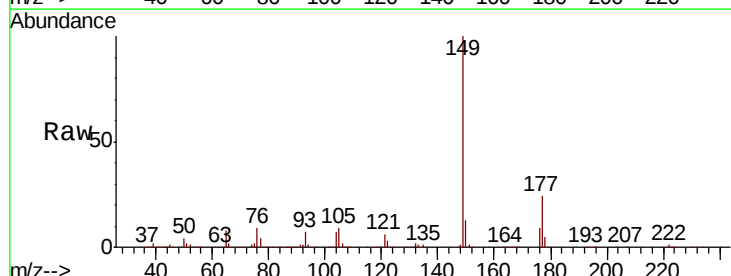


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

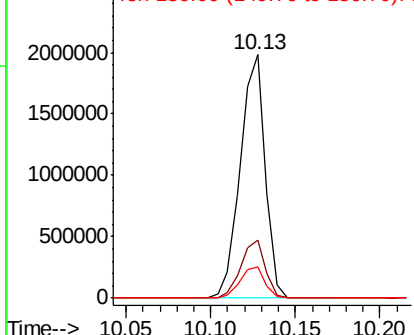
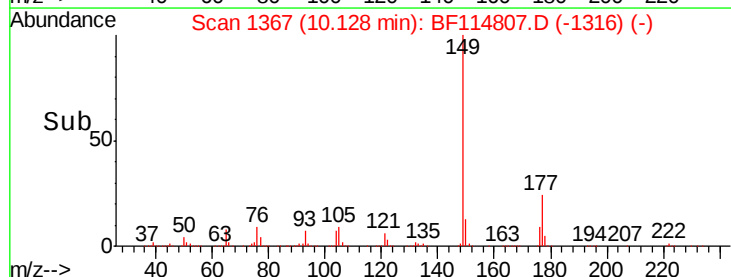


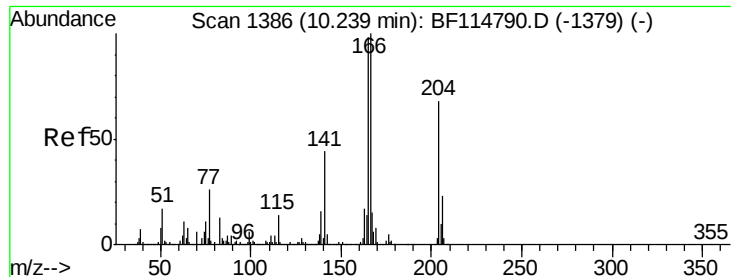
#60
Diethylphthalate
Concen: 41.617 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF114807.D
Acq: 5 Jun 2019 8:55

Tgt Ion:149 Resp: 2034389
Ion Ratio Lower Upper
149 100
177 24.0 19.3 28.9
150 13.0 10.7 16.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

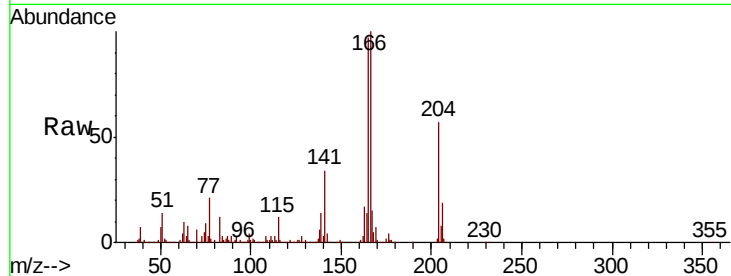




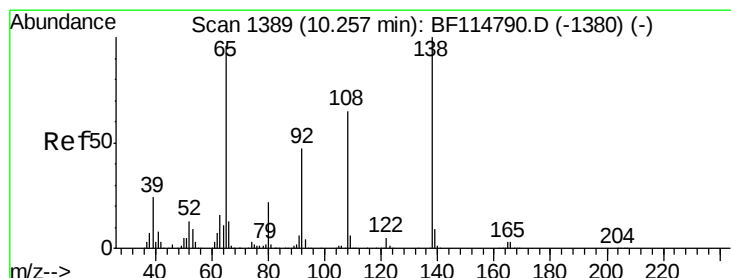
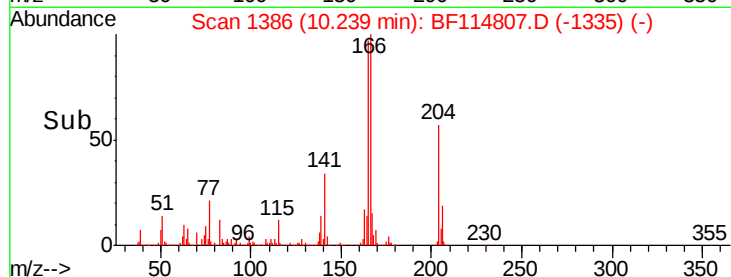
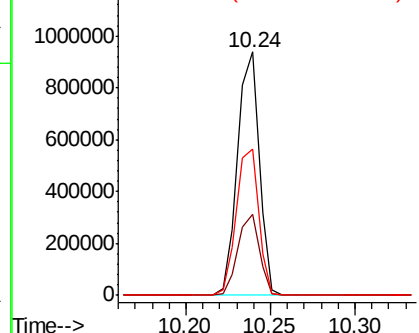
#61
 4-Chlorophenyl-phenylether
 Concen: 39.334 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. 0.00 min
 Lab File: BF114807.D
 Acq: 5 Jun 2019 8:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.5	39.7
141	60.0	51.0	76.4

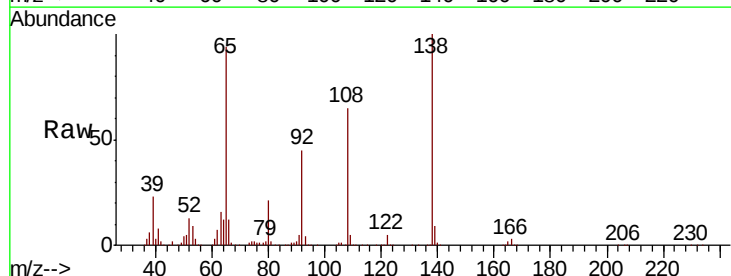


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

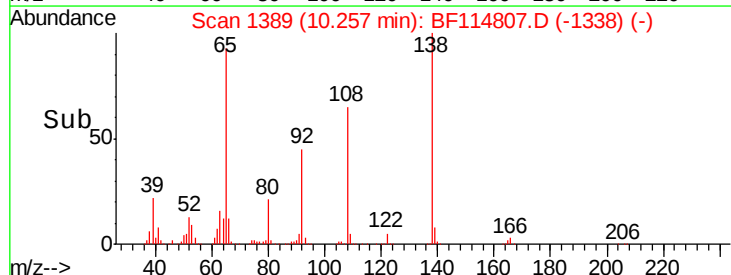
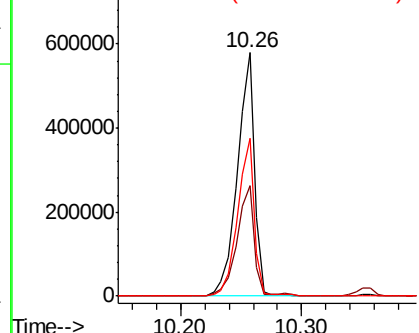


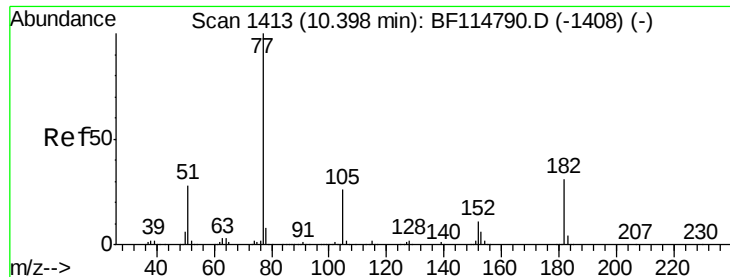
#62
 4-Nitroaniline
 Concen: 44.421 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF114807.D
 Acq: 5 Jun 2019 8:55

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.2	26.5	66.5
108	64.8	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: 42.289 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BF114807.D

Acq: 5 Jun 2019 8:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1759675

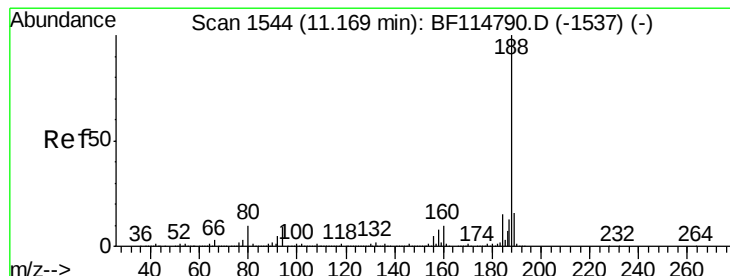
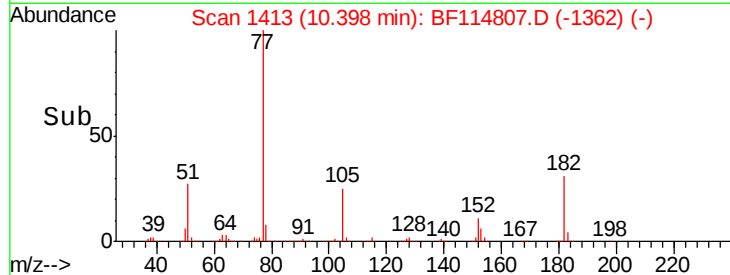
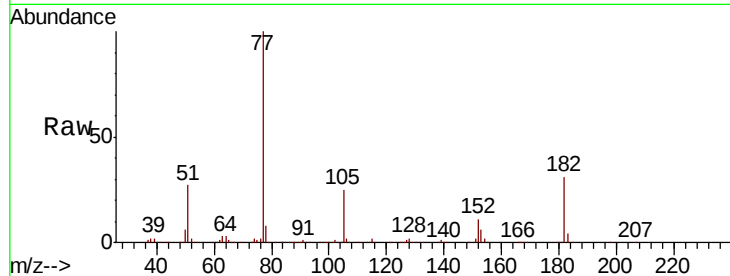
Ion	Ratio	Lower	Upper
77	100		
182	31.1	11.2	51.2
105	25.2	5.7	45.7
51	26.5	8.0	48.0

Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.17 min Scan# 1544

Delta R.T. 0.00 min

Lab File: BF114807.D

Acq: 5 Jun 2019 8:55

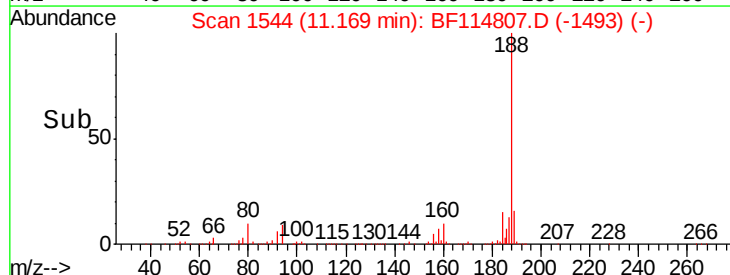
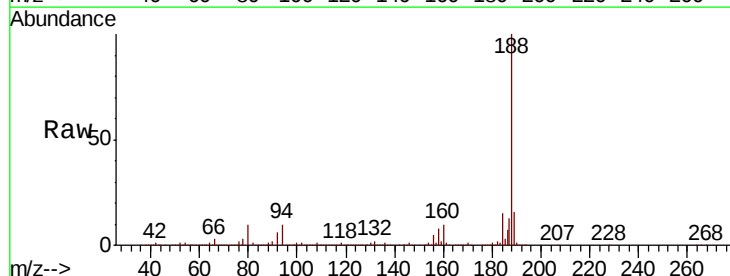
Tgt Ion: 188 Resp: 1322088

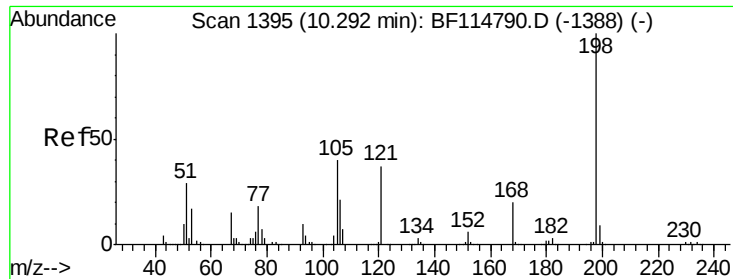
Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.6	11.4
80	10.3	8.3	12.5

Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

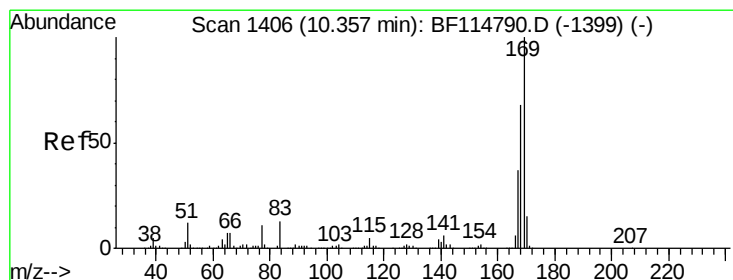
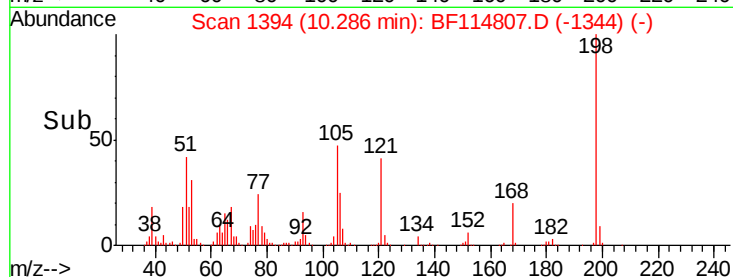
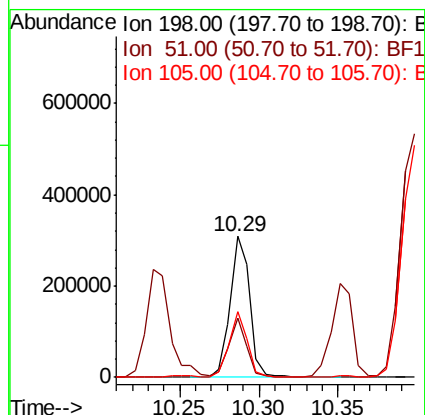
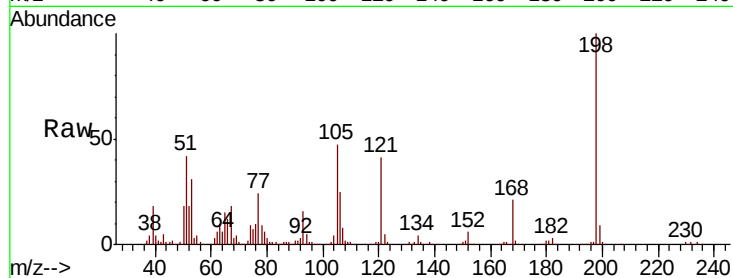




#65
4,6-Dinitro-2-methylphenol
Concen: 38.745 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF114807.D
Acq: 5 Jun 2019 8:55

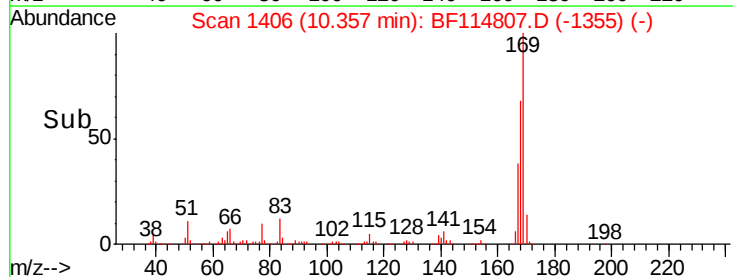
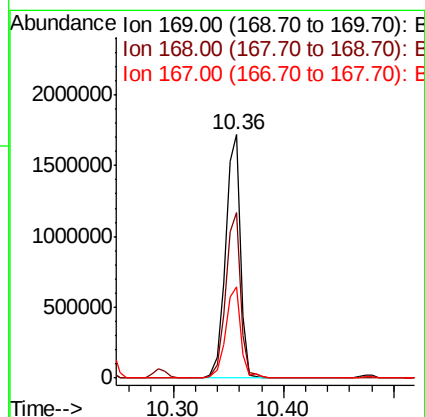
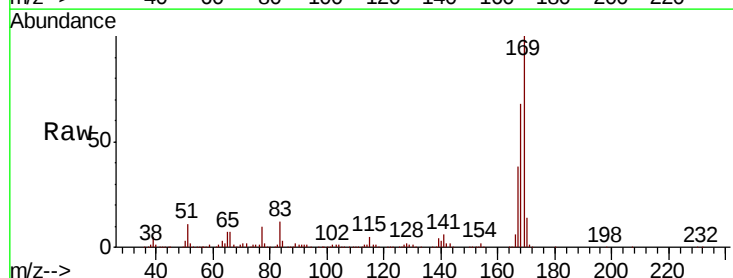
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

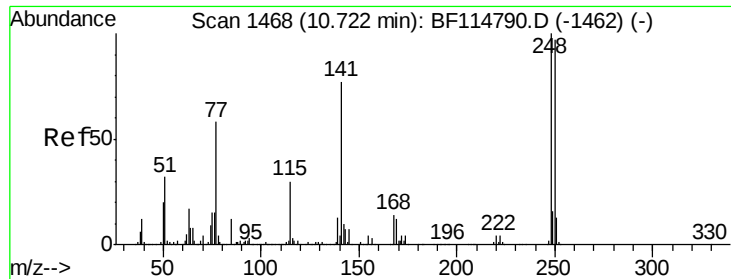
Tot Ion	Ratio	Lower	Upper
198	100		
51	42.1	14.9	54.9
105	46.7	21.0	61.0



#66
n-Nitrosodiphenylamine
Concen: 40.329 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF114807.D
Acq: 5 Jun 2019 8:55

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.1	54.3	81.5
167	37.6	29.9	44.9

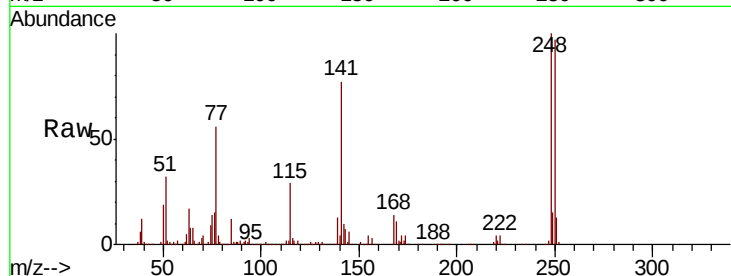




#67
4-Bromophenyl-phenylether
Concen: 39.408 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BF114807.D
Acq: 5 Jun 2019 8:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	77.5	116.3
141	77.1	61.8	92.8

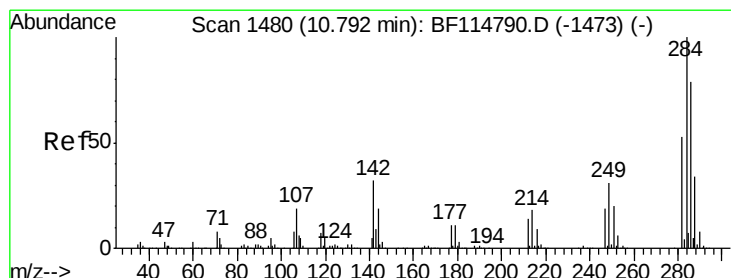
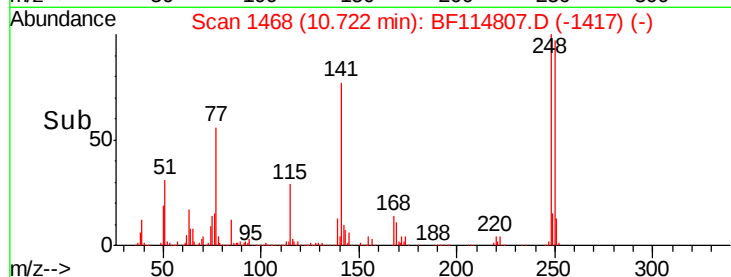
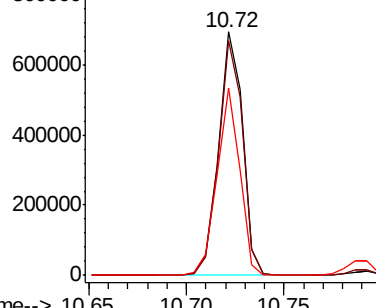


Abundance

Ion 248.00 (247.70 to 248.70): E

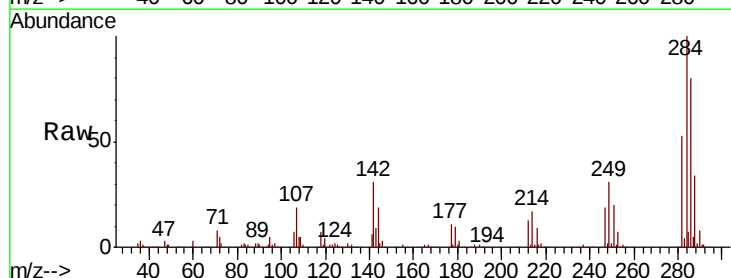
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.695 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BF114807.D
Acq: 5 Jun 2019 8:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.7	25.3	37.9
249	31.2	24.9	37.3

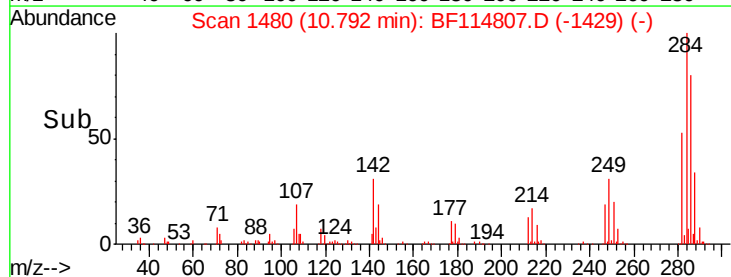
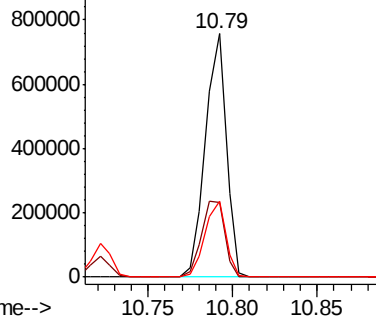


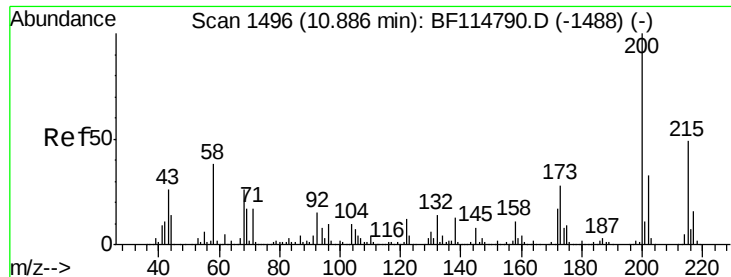
Abundance

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

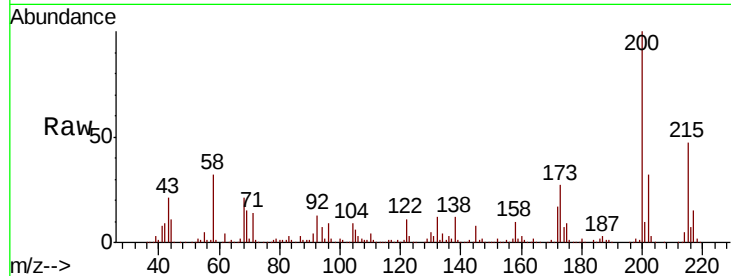




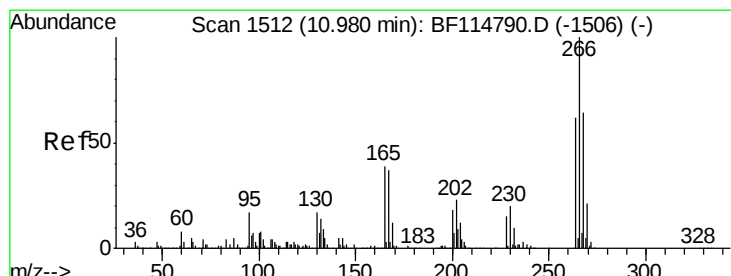
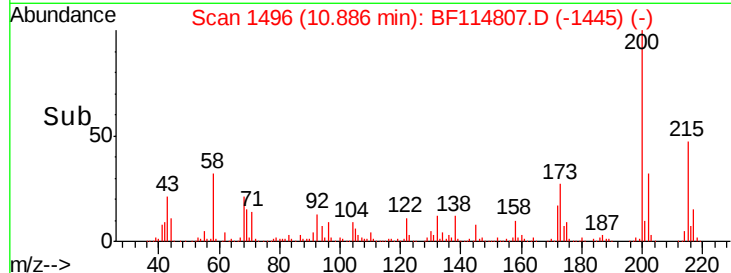
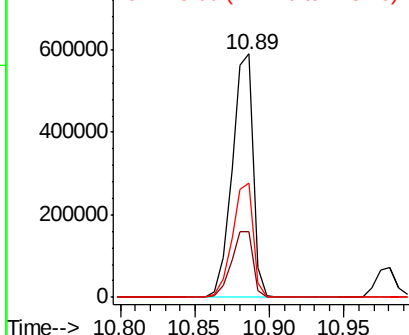
#69
Atrazine
Concen: 42.102 ng
RT: 10.89 min Scan# 1496
Delta R.T. 0.00 min
Lab File: BF114807.D
Acq: 5 Jun 2019 8:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.8	8.0	48.0
215	46.7	28.7	68.7

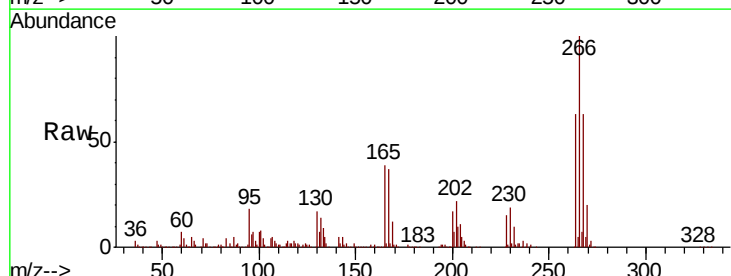


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

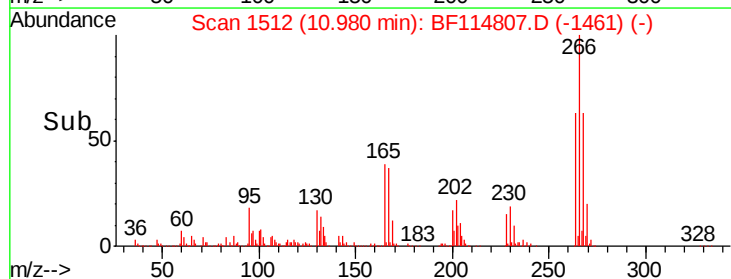
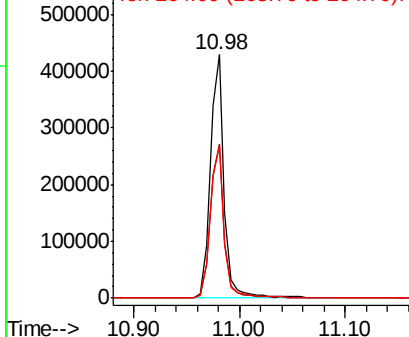


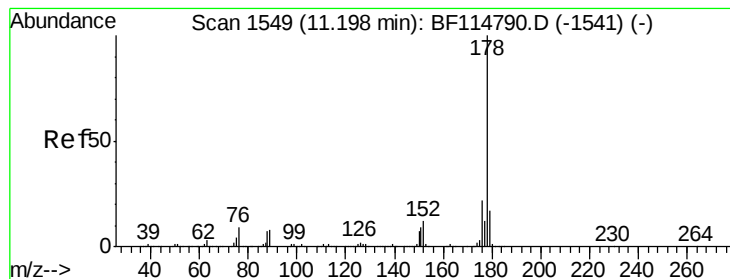
#70
Pentachlorophenol
Concen: 41.665 ng
RT: 10.98 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BF114807.D
Acq: 5 Jun 2019 8:55

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.0	76.6
264	62.7	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: 42.580 ng

RT: 11.19 min Scan# 1548

Delta R.T. -0.01 min

Lab File: BF114807.D

Acq: 5 Jun 2019 8:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

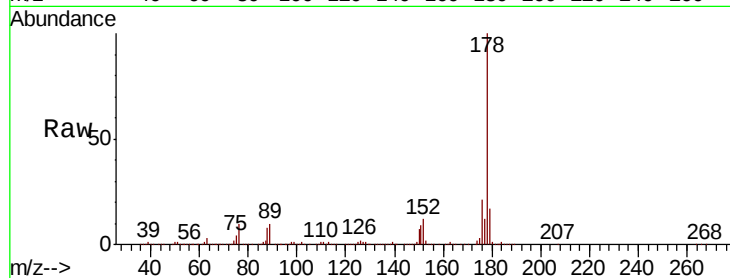
Tot Ion:178 Resp: 2687442

Ion Ratio Lower Upper

178 100

176 21.4 17.7 26.5

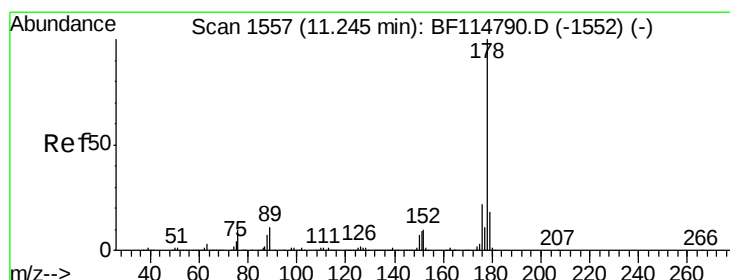
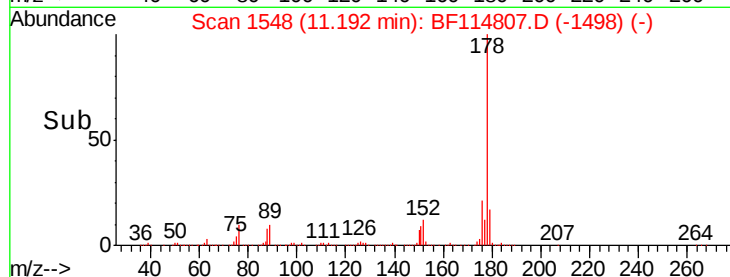
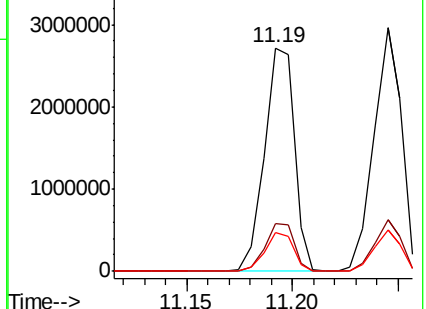
179 17.1 13.7 20.5



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: 40.688 ng

RT: 11.25 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF114807.D

Acq: 5 Jun 2019 8:55

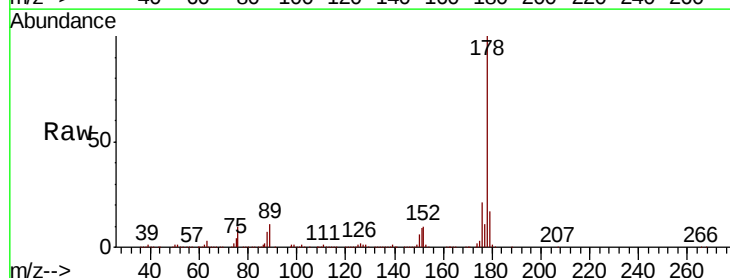
Tgt Ion:178 Resp: 2702562

Ion Ratio Lower Upper

178 100

176 21.3 17.4 26.0

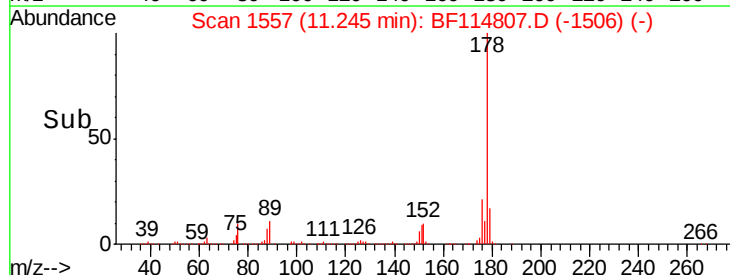
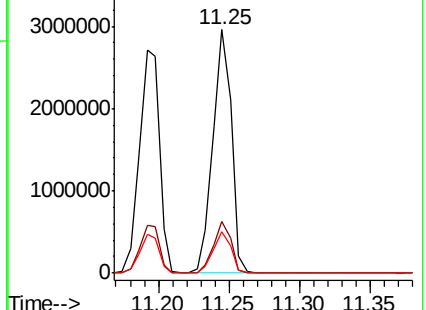
179 17.2 14.2 21.4

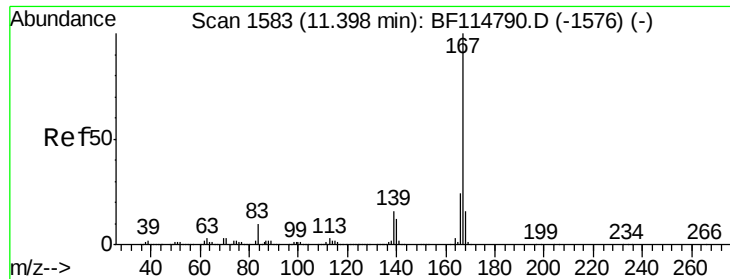


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

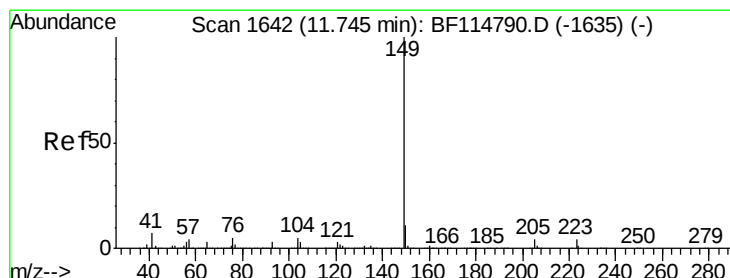
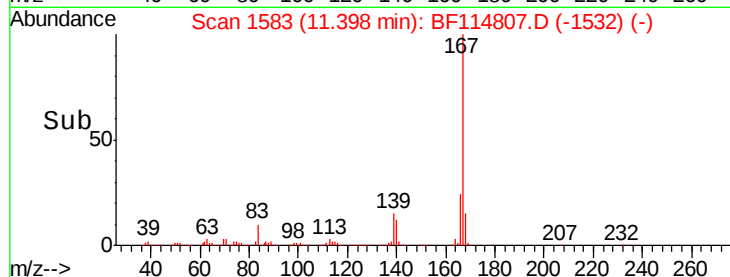
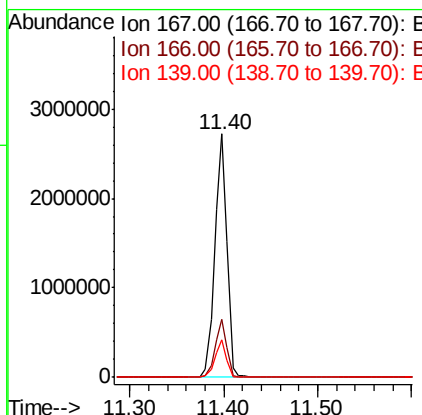
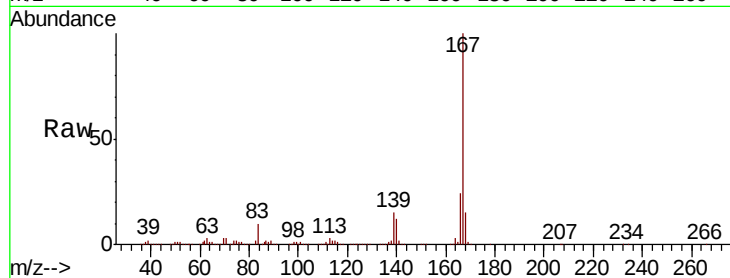




#73
 Carbazole
 Concen: 43.646 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF114807.D
 Acq: 5 Jun 2019 8:55

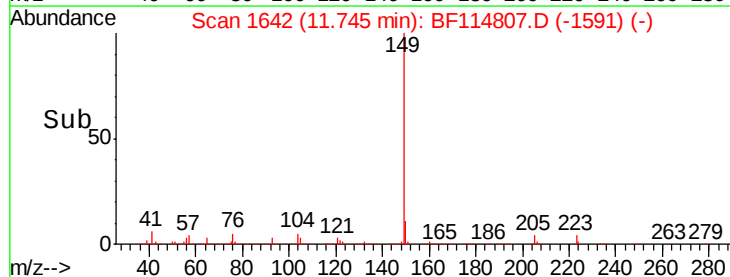
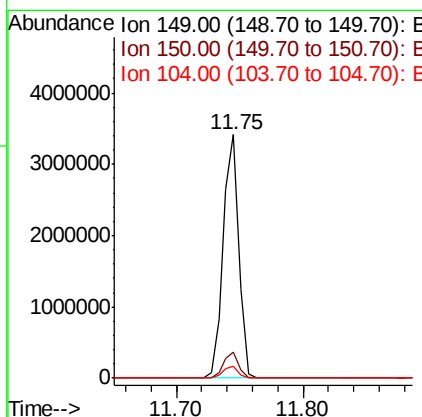
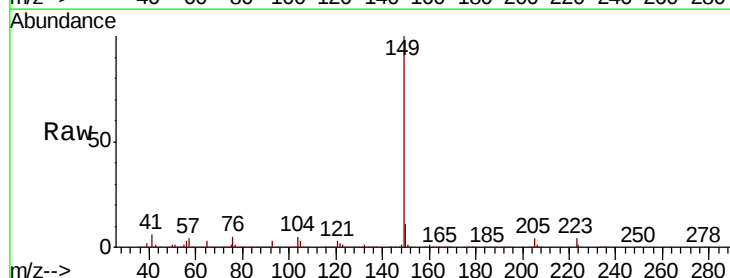
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

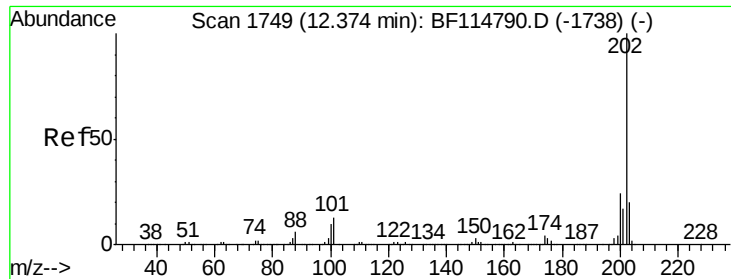
Tot Ion:167 Resp: 2485190
 Ion Ratio Lower Upper
 167 100
 166 24.0 19.1 28.7
 139 15.3 12.4 18.6



#74
 Di-n-butylphthalate
 Concen: 39.238 ng
 RT: 11.75 min Scan# 1642
 Delta R.T. 0.00 min
 Lab File: BF114807.D
 Acq: 5 Jun 2019 8:55

Tgt Ion:149 Resp: 2938623
 Ion Ratio Lower Upper
 149 100
 150 10.6 8.9 13.3
 104 5.1 4.3 6.5





#75

Fluoranthene

Concen: 41.934 ng

RT: 12.37 min Scan# 1749

Delta R.T. 0.00 min

Lab File: BF114807.D

Acq: 5 Jun 2019 8:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

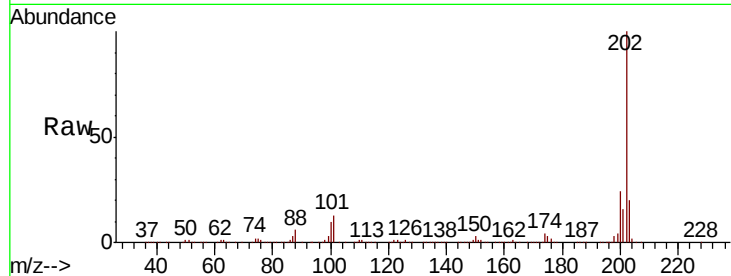
Tot Ion:202 Resp: 2754683

Ion Ratio Lower Upper

202 100

101 13.5 0.0 32.8

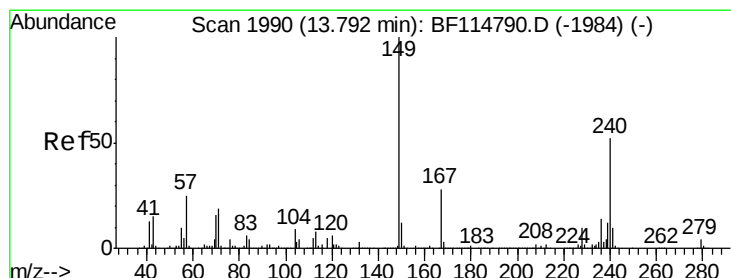
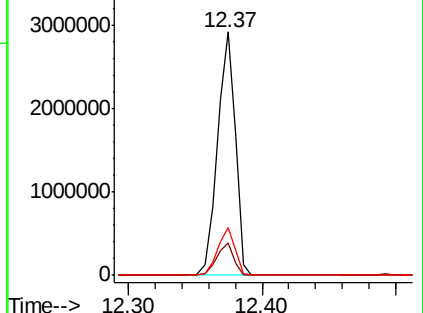
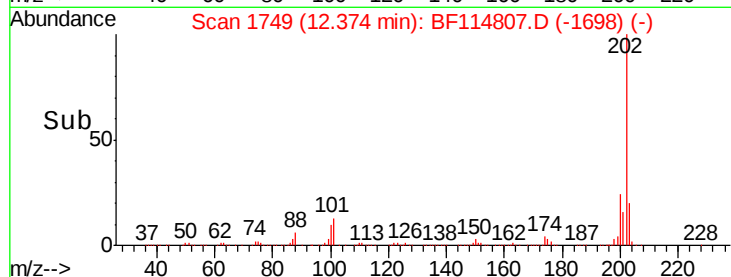
203 19.5 0.2 40.2



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: 13.79 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BF114807.D

Acq: 5 Jun 2019 8:55

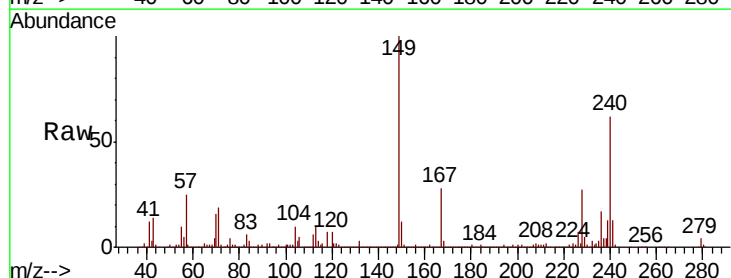
Tgt Ion:240 Resp: 844739

Ion Ratio Lower Upper

240 100

120 11.9 9.0 13.4

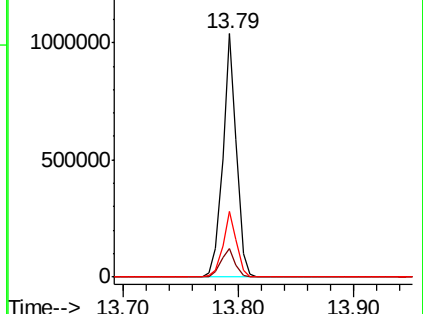
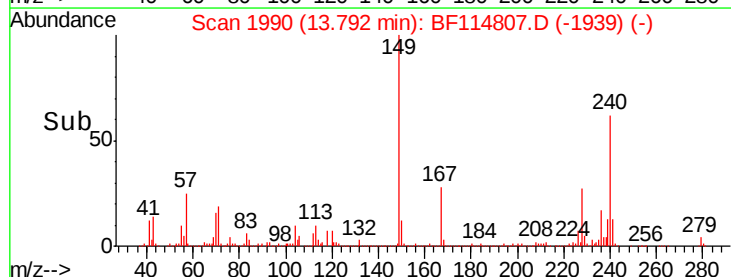
236 26.9 21.4 32.0

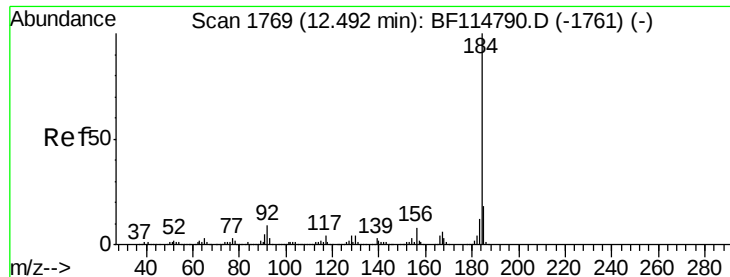


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.909 ng

RT: 12.50 min Scan# 1770

Delta R.T. 0.01 min

Lab File: BF114807.D

Acq: 5 Jun 2019 8:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

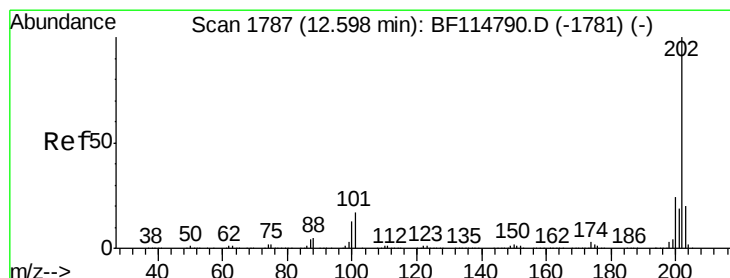
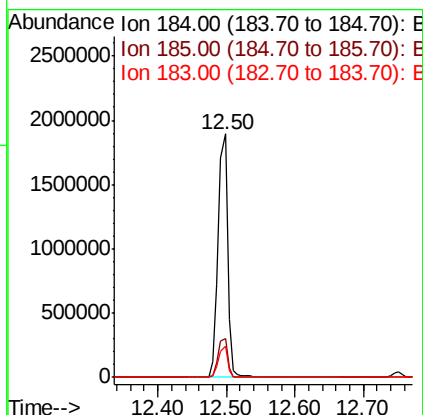
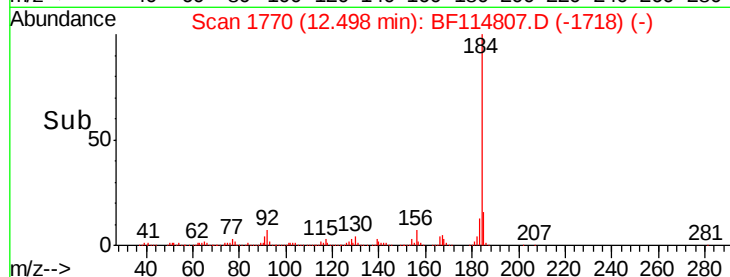
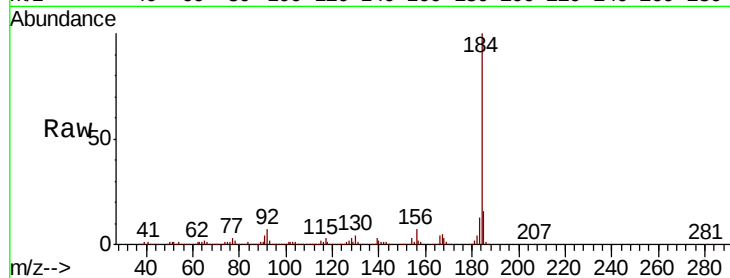
Tot Ion:184 Resp: 1794389

Ion Ratio Lower Upper

184 100

185 16.1 14.1 21.1

183 12.6 9.9 14.9



#78

Pyrene

Concen: 38.437 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF114807.D

Acq: 5 Jun 2019 8:55

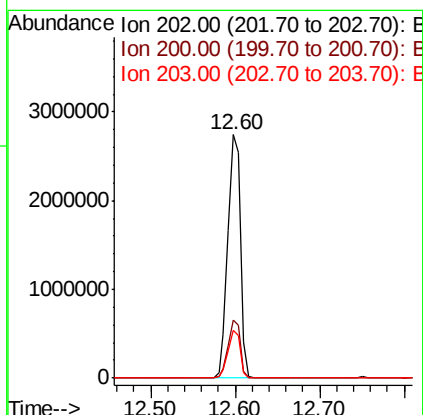
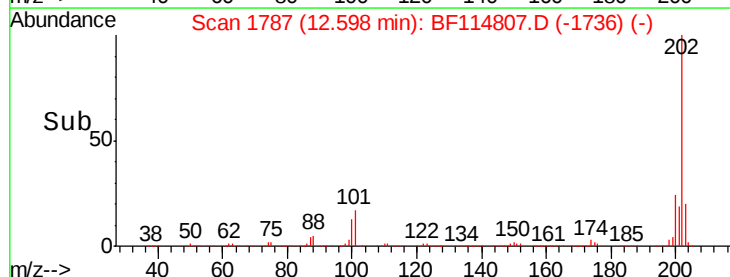
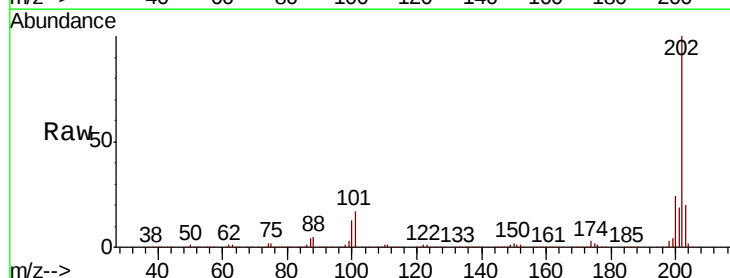
Tgt Ion:202 Resp: 2816747

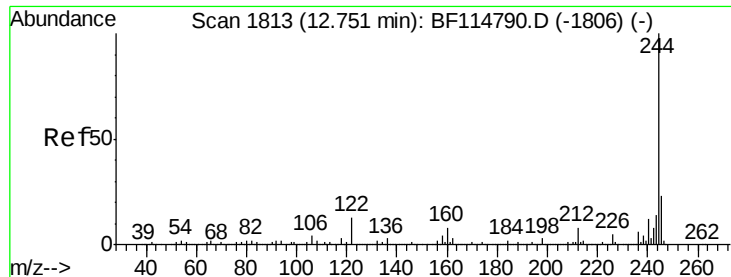
Ion Ratio Lower Upper

202 100

200 23.8 19.2 28.8

203 19.7 15.9 23.9

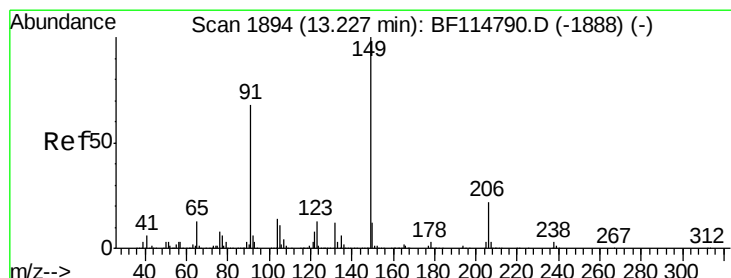
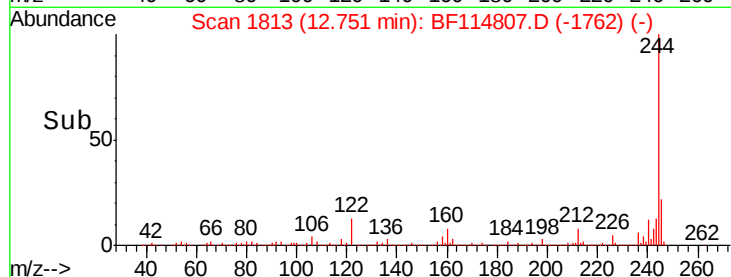
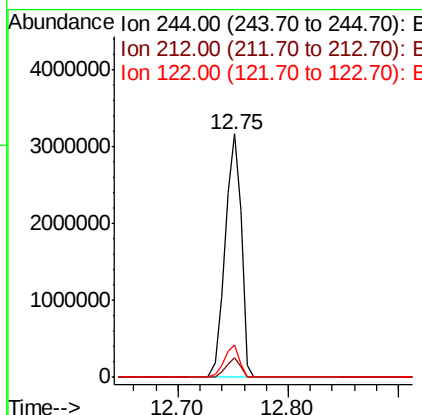
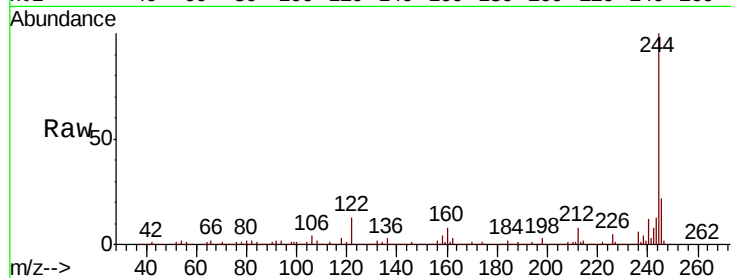




#79
 Terphenyl-d14
 Concen: 74.570 ng
 RT: 12.75 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: BF114807.D
 Acq: 5 Jun 2019 8:55

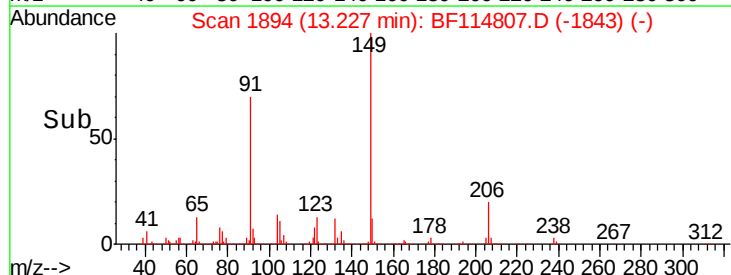
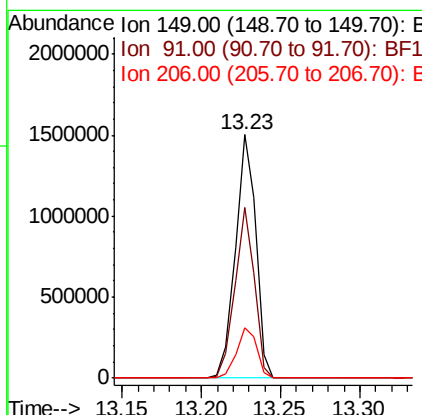
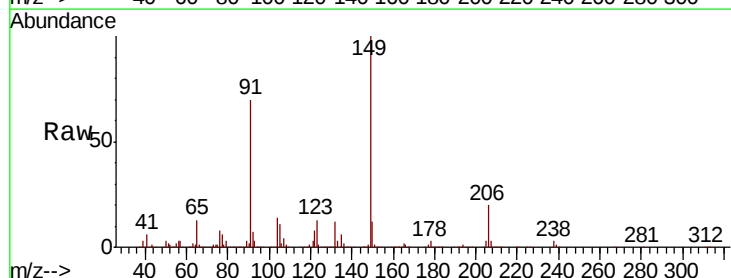
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

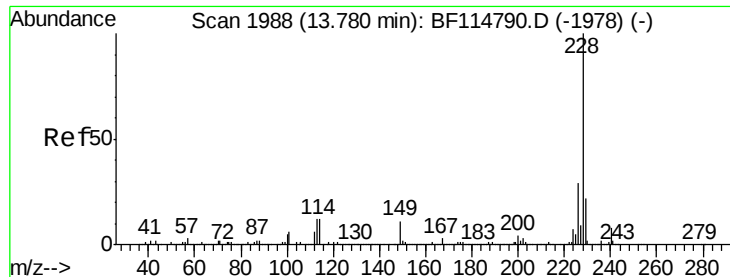
Tot Ion:244 Resp: 3239056
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 13.4 10.5 15.7



#80
 Butylbenzylphthalate
 Concen: 36.151 ng
 RT: 13.23 min Scan# 1894
 Delta R.T. 0.00 min
 Lab File: BF114807.D
 Acq: 5 Jun 2019 8:55

Tgt Ion:149 Resp: 1337804
 Ion Ratio Lower Upper
 149 100
 91 70.0 54.6 82.0
 206 20.5 17.2 25.8





#81

Benzo(a)anthracene

Concen: 39.014 ng

RT: 13.78 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BF114807.D

Acq: 5 Jun 2019 8:55

Instrument :

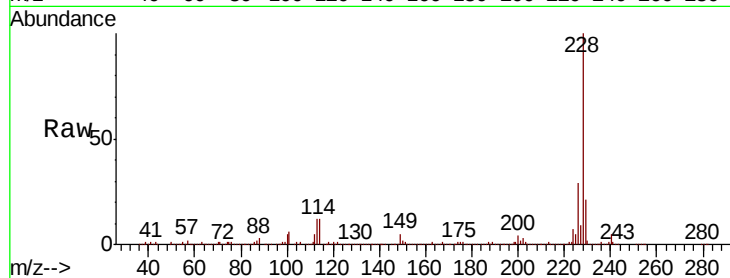
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 2539610

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

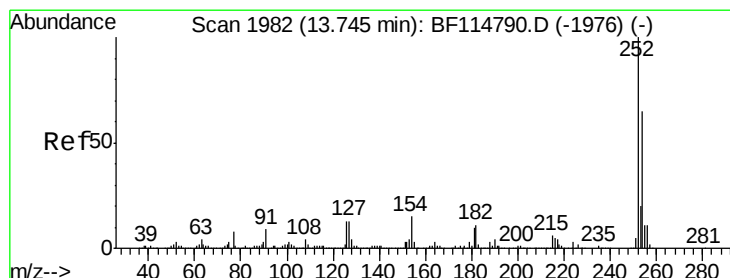
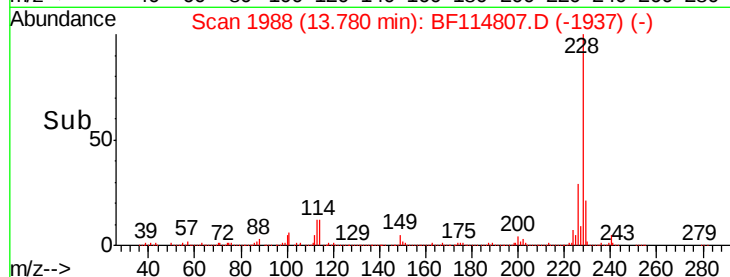
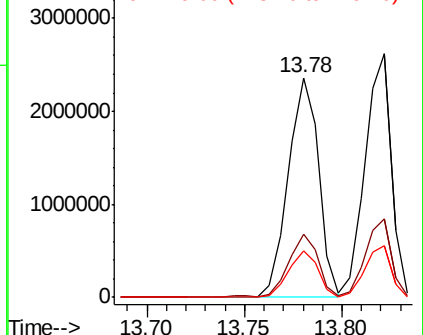


Abundance

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: 39.356 ng

RT: 13.75 min Scan# 1983

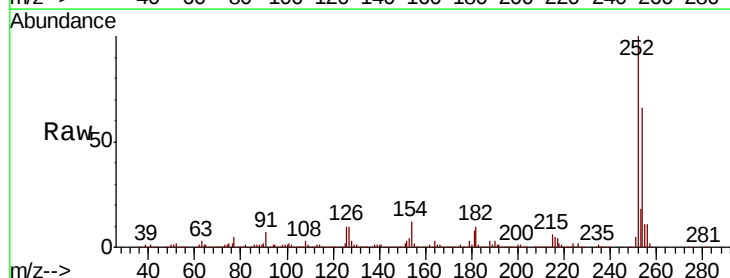
Delta R.T. 0.01 min

Lab File: BF114807.D

Acq: 5 Jun 2019 8:55

Tgt Ion:252 Resp: 1038822

Ion	Ratio	Lower	Upper
252	100		
254	66.0	51.9	77.9
126	10.0	10.5	15.7#

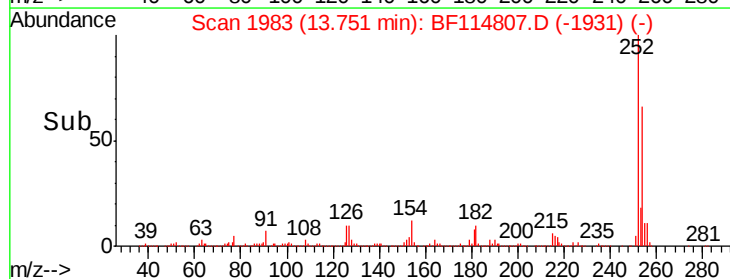
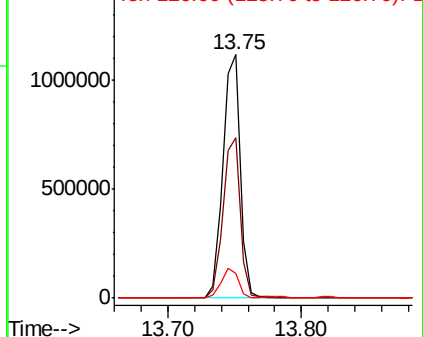


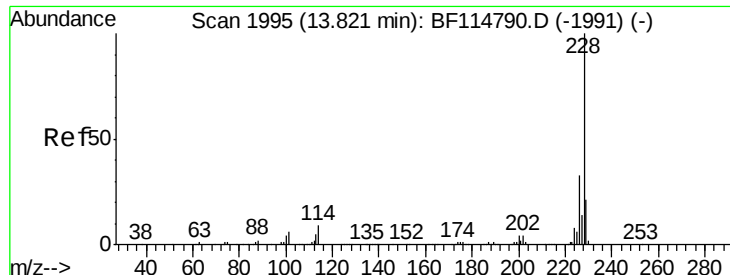
Abundance

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: 38.648 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BF114807.D

Acq: 5 Jun 2019 8:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

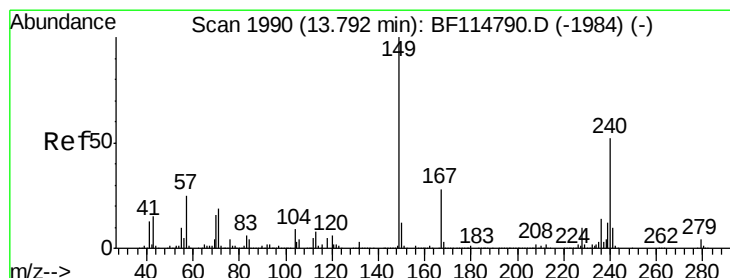
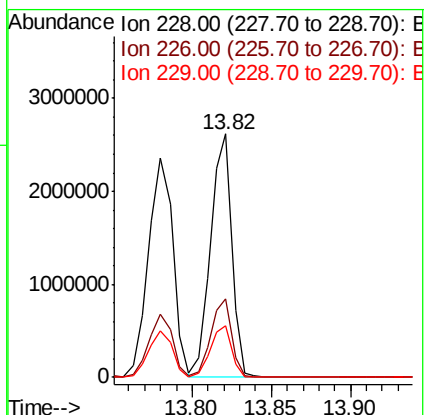
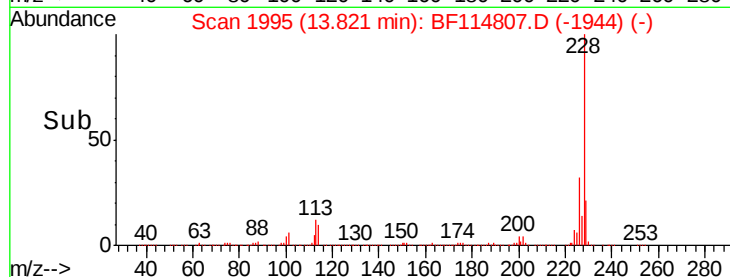
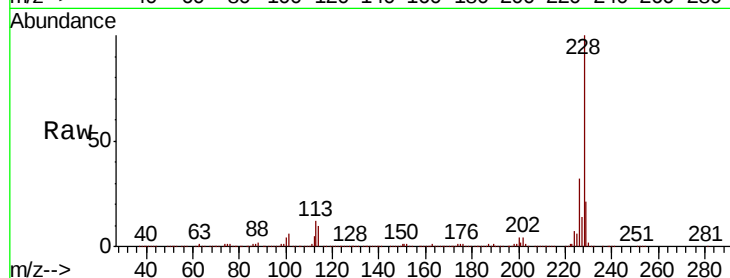
Tot Ion:228 Resp: 2447402

Ion Ratio Lower Upper

228 100

226 32.2 26.0 39.0

229 21.0 17.1 25.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.066 ng

RT: 13.79 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BF114807.D

Acq: 5 Jun 2019 8:55

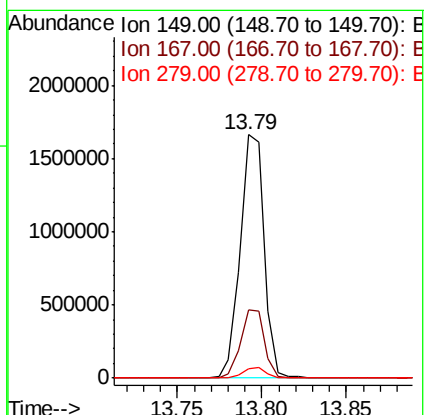
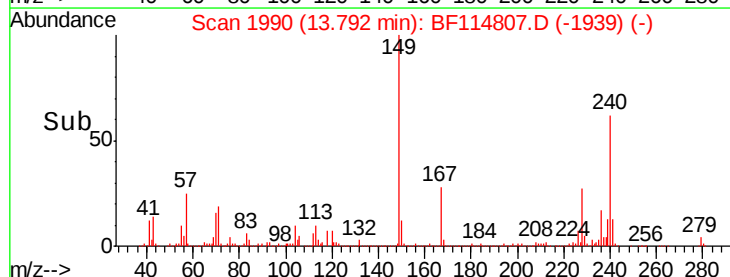
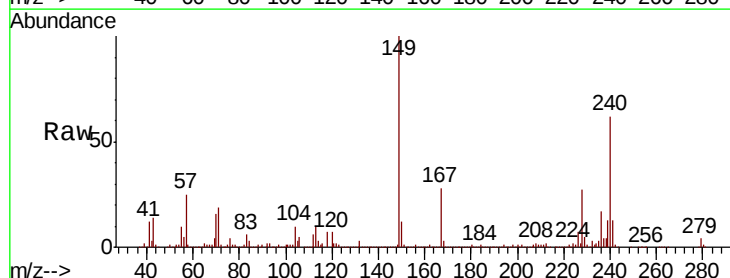
Tgt Ion:149 Resp: 1640852

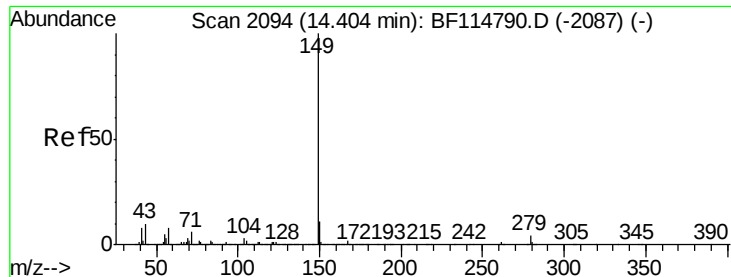
Ion Ratio Lower Upper

149 100

167 27.9 22.7 34.1

279 3.7 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 35.402 ng

RT: 14.40 min Scan# 2094

Delta R.T. 0.00 min

Lab File: BF114807.D

Acq: 5 Jun 2019 8:55

Instrument :

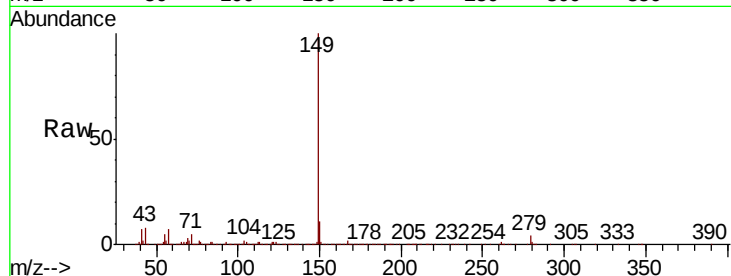
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 2814827

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	8.5	7.0	10.6

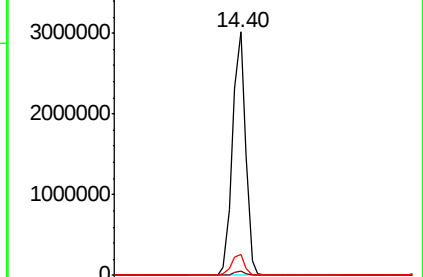
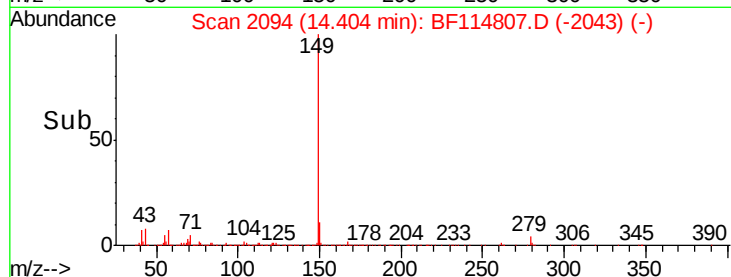


Abundance

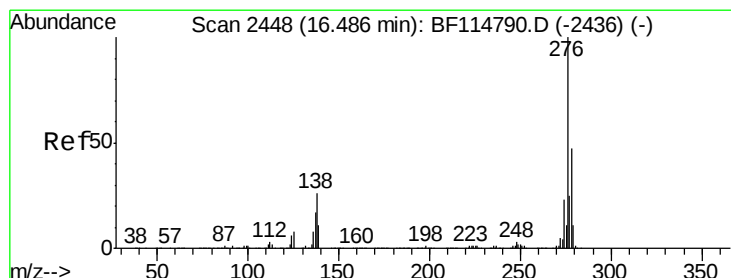
Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.227 ng

RT: 16.49 min Scan# 2448

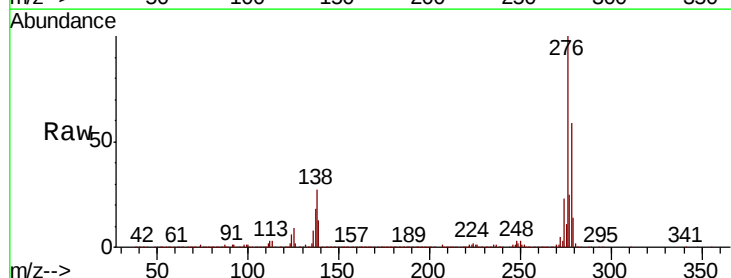
Delta R.T. 0.00 min

Lab File: BF114807.D

Acq: 5 Jun 2019 8:55

Tgt Ion:276 Resp: 2689797

Ion	Ratio	Lower	Upper
276	100		
138	28.0	22.2	33.4
277	25.3	20.6	30.8

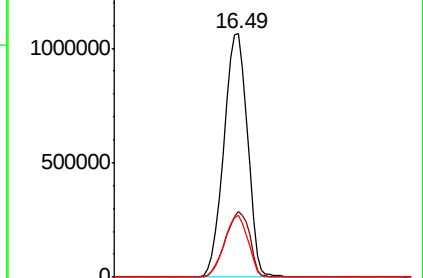
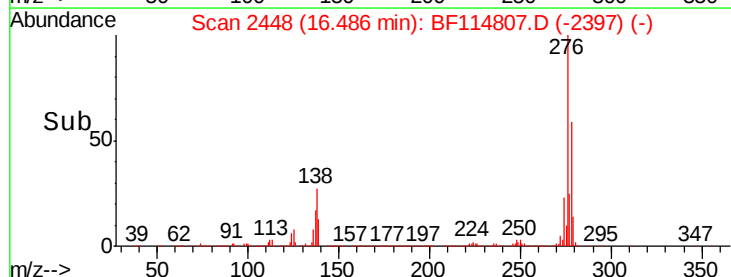


Abundance

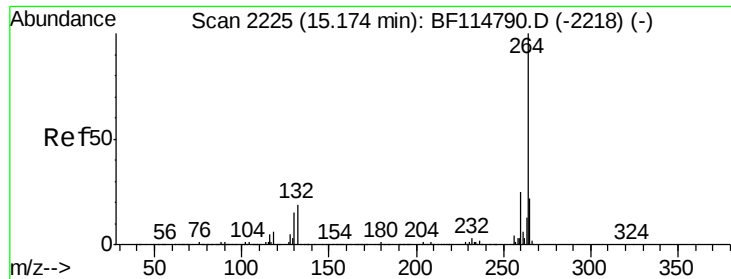
Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



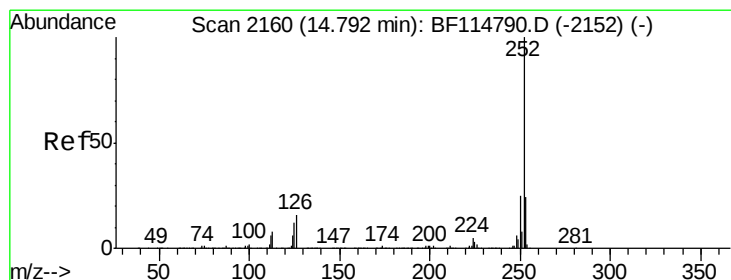
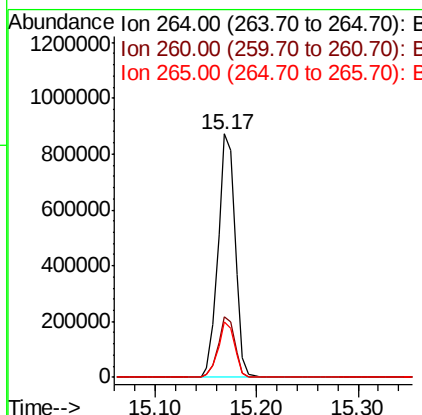
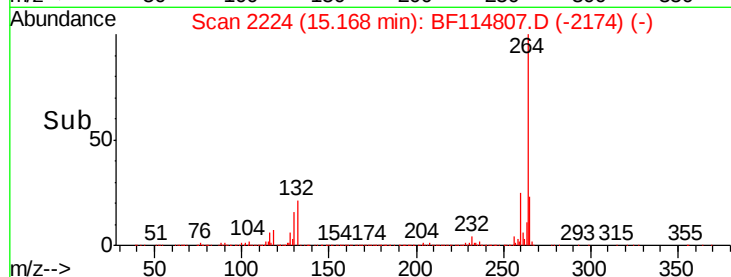
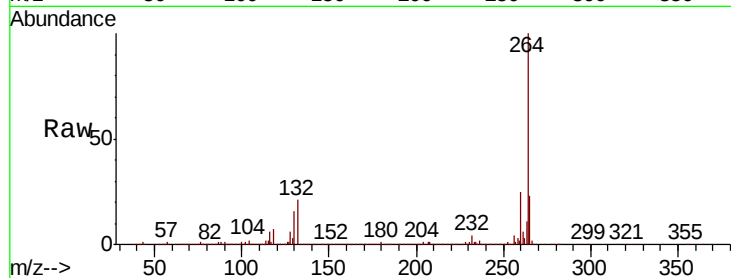
Time-->



#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF114807.D
Acq: 5 Jun 2019 8:55

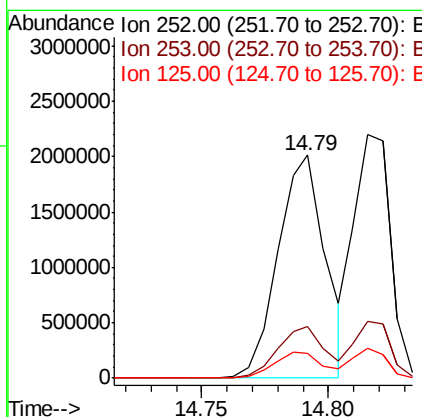
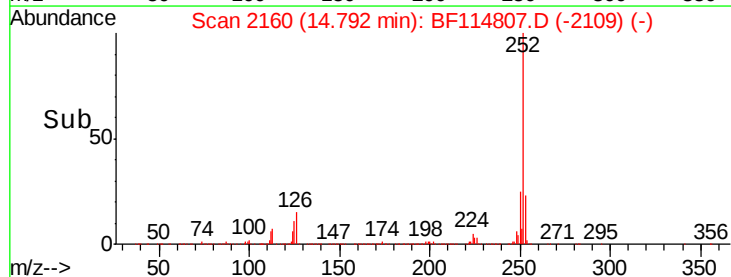
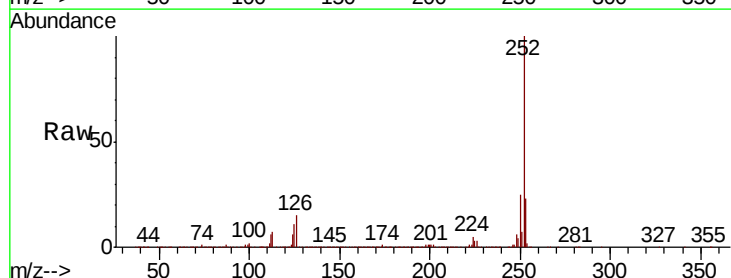
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

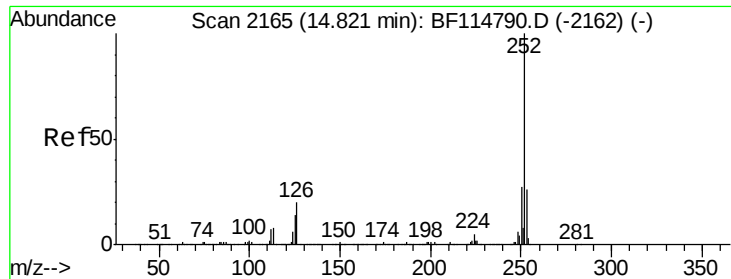
Tot Ion:264 Resp: 1022711
Ion Ratio Lower Upper
264 100
260 25.1 20.1 30.1
265 22.6 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 40.102 ng
RT: 14.79 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BF114807.D
Acq: 5 Jun 2019 8:55

Tgt Ion:252 Resp: 2610918
Ion Ratio Lower Upper
252 100
253 23.1 19.0 28.6
125 11.2 9.4 14.0

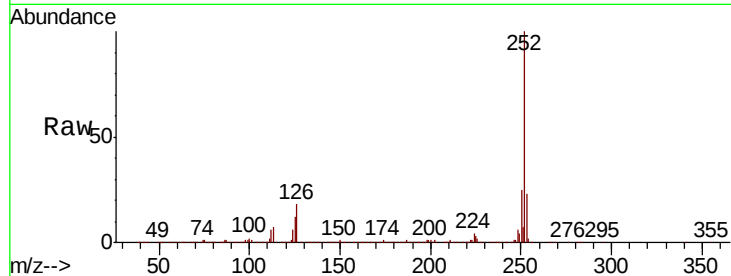




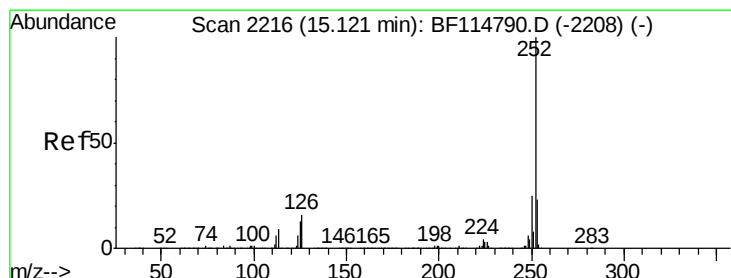
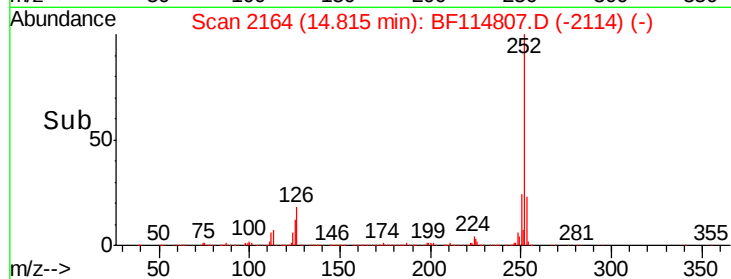
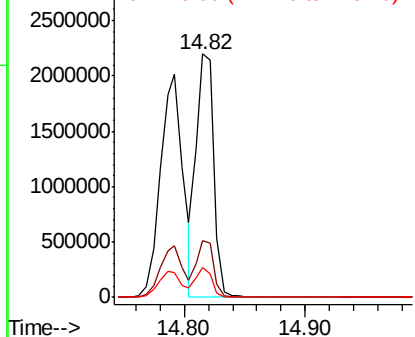
#89
Benzo(k)fluoranthene
Concen: 40.421 ng
RT: 14.82 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BF114807.D
Acq: 5 Jun 2019 8:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 2234878
Ion Ratio Lower Upper
252 100
253 23.3 19.3 28.9
125 12.3 10.1 15.1

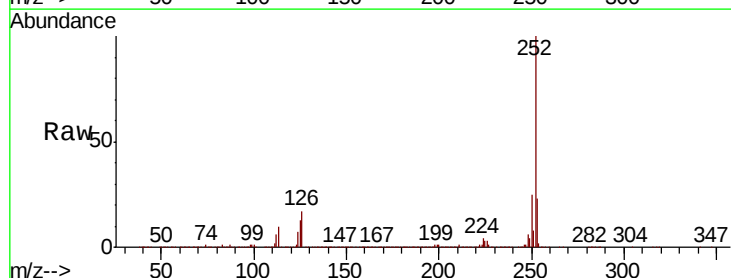


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

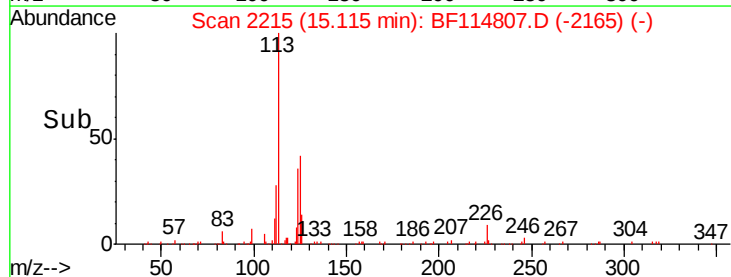
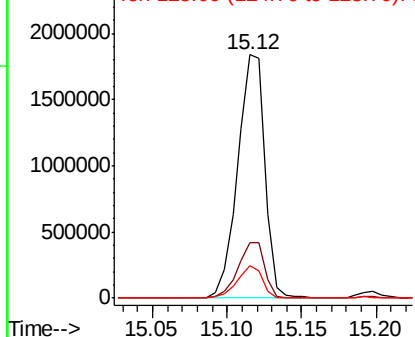


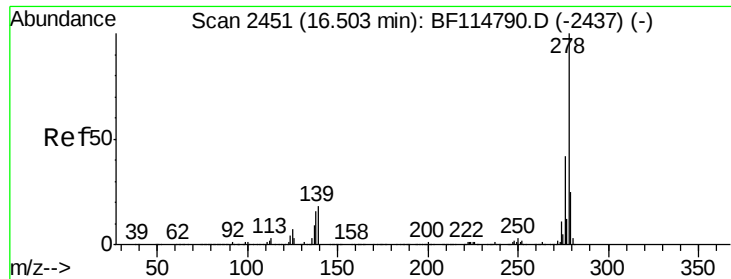
#90
Benzo(a)pyrene
Concen: 41.257 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF114807.D
Acq: 5 Jun 2019 8:55

Tgt Ion:252 Resp: 2324982
Ion Ratio Lower Upper
252 100
253 23.0 18.5 27.7
125 13.1 10.1 15.1



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

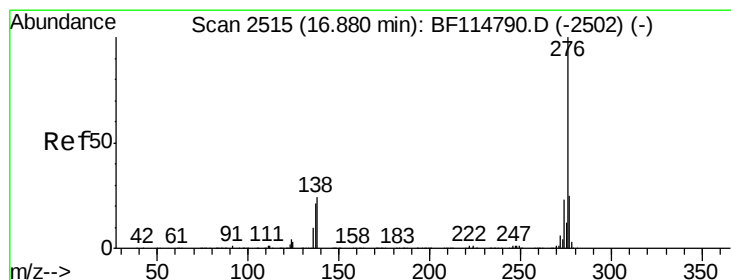
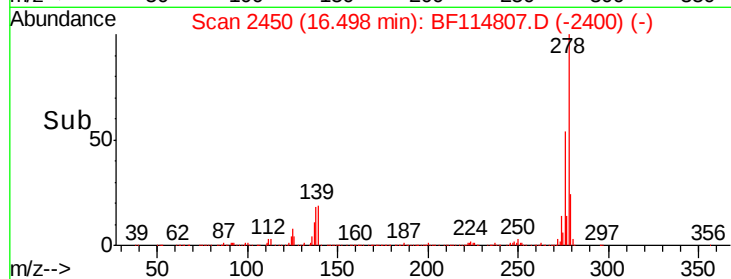
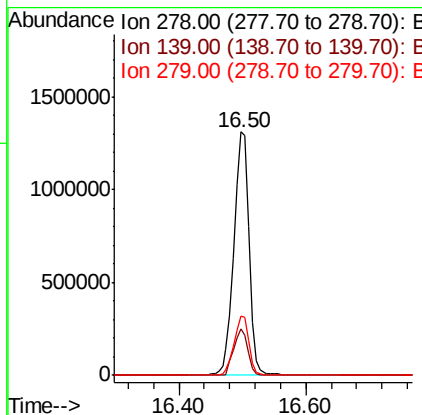
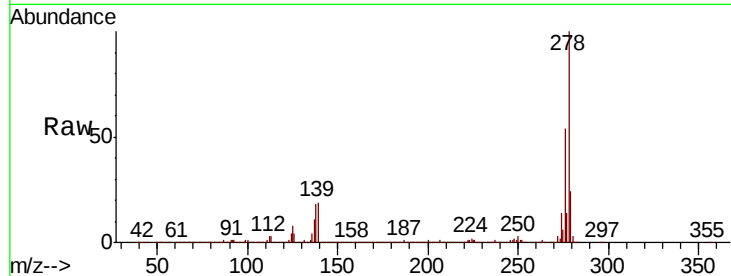




#91
Dibenzo(a,h)anthracene
Concen: 40.392 ng
RT: 16.50 min Scan# 2450
Delta R.T. -0.01 min
Lab File: BF114807.D
Acq: 5 Jun 2019 8:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 2155600
Ion Ratio Lower Upper
278 100
139 19.2 14.6 22.0
279 24.4 20.1 30.1



#92
Benzo(g,h,i)perylene
Concen: 40.311 ng
RT: 16.87 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BF114807.D
Acq: 5 Jun 2019 8:55

Tgt Ion:276 Resp: 2163351
Ion Ratio Lower Upper
276 100
277 24.2 19.8 29.6
138 24.1 19.4 29.2

