

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
 Data File : BF114717.D
 Acq On : 31 May 2019 20:08
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 01 06:16:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	368594	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	1493232	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	721711	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	1353244	20.00	ng	0.00
76) Chrysene-d12	13.82	240	775538	20.00	ng	0.00
87) Perylene-d12	15.20	264	822724	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	1636203	77.94	ng	0.00
7) Phenol-d6	6.33	99	1974572	78.05	ng	0.00
23) Nitrobenzene-d5	7.26	82	1883302	78.69	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	578377	84.11	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	3256163	84.69	ng	0.00
79) Terphenyl-d14	12.78	244	3368292	81.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	396587	39.364	ng	96
3) Pyridine	3.03	79	1119224	38.172	ng	99
4) n-Nitrosodimethylamine	2.97	42	419924	35.391	ng	93
6) Aniline	6.36	93	1490996	39.017	ng	98
8) 2-Chlorophenol	6.48	128	988310	40.763	ng	98
9) Benzaldehyde	6.24	77	592232	42.644	ng	96
10) Phenol	6.35	94	1182505	38.693	ng	95
11) bis(2-Chloroethyl)ether	6.43	93	913455	39.076	ng	98
12) 1,3-Dichlorobenzene	6.64	146	1122682	40.644	ng	99
13) 1,4-Dichlorobenzene	6.72	146	1133895	40.919	ng	99
14) 1,2-Dichlorobenzene	6.87	146	1045704	41.449	ng	99
15) Benzyl Alcohol	6.84	79	800352	40.219	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1324778	36.949	ng	99
17) 2-Methylphenol	6.96	107	811940	39.594	ng	99
18) Hexachloroethane	7.21	117	413404	39.402	ng	99
19) n-Nitroso-di-n-propylamine	7.12	70	654694	37.492	ng	96
20) 3+4-Methylphenols	7.11	107	915199	37.946	ng	95
22) Acetophenone	7.11	105	1251786	39.344	ng	99
24) Nitrobenzene	7.28	77	1004882	39.524	ng	93
25) Isophorone	7.52	82	1784085	37.143	ng	99
26) 2-Nitrophenol	7.59	139	523624	42.311	ng	99
27) 2,4-Dimethylphenol	7.64	122	801199	38.927	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	1180942	38.623	ng	99
29) 2,4-Dichlorophenol	7.83	162	845441	40.355	ng	98
30) 1,2,4-Trichlorobenzene	7.92	180	969110	40.603	ng	99
31) Naphthalene	8.00	128	2688490	39.088	ng	99
32) Benzoic acid	7.76	122	553537	41.406	ng	96
33) 4-Chloroaniline	8.05	127	1276321	38.949	ng	100
34) Hexachlorobutadiene	8.13	225	551341	41.581	ng	99
35) Caprolactam	8.42	113	277932	39.312	ng	97
36) 4-Chloro-3-methylphenol	8.53	107	834683	39.729	ng	97
37) 2-Methylnaphthalene	8.69	142	1825592	39.948	ng	99
38) 1-Methylnaphthalene	8.79	142	1743953	40.278	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	826531	43.005	ng	100

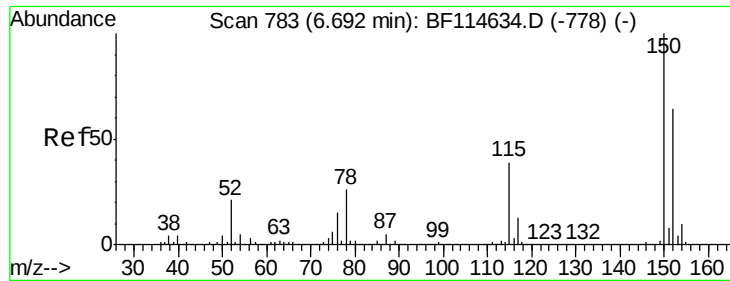
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	482502	37.990	nq	99
43) 2,4,6-Trichlorophenol	8.96	196	624016	41.263	nq	99
44) 2,4,5-Trichlorophenol	9.00	196	638233	42.292	nq	98
46) 1,1'-Biphenyl	9.15	154	2166713	40.444	nq	100
47) 2-Chloronaphthalene	9.17	162	1824977	41.528	nq	99
48) 2-Nitroaniline	9.26	65	554644	40.899	nq	99
49) Acenaphthylene	9.59	152	2670446	39.334	nq	99
50) Dimethylphthalate	9.46	163	2074393	41.249	nq	99
51) 2,6-Dinitrotoluene	9.51	165	486401	41.624	nq	99
52) Acenaphthene	9.76	154	1691128	40.617	nq	100
53) 3-Nitroaniline	9.67	138	591183	41.336	nq	99
54) 2,4-Dinitrophenol	9.77	184	182071	39.501	nq	# 89
55) Dibenzofuran	9.93	168	2339037	39.466	nq	99
56) 4-Nitrophenol	9.83	139	429010	40.478	nq	90
57) 2,4-Dinitrotoluene	9.91	165	632038	42.144	nq	# 86
58) Fluorene	10.27	166	1639000	40.765	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	521530	42.221	nq	99
60) Diethylphthalate	10.15	149	2073188	40.363	nq	99
61) 4-Chlorophenyl-phenylether	10.26	204	852681	42.497	nq	100
62) 4-Nitroaniline	10.29	138	569035	40.831	nq	92
63) Azobenzene	10.42	77	1829740	38.801	nq	100
65) 4,6-Dinitro-2-methylphenol	10.32	198	243516	40.583	nq	83
66) n-Nitrosodiphenylamine	10.38	169	1638156	40.972	nq	99
67) 4-Bromophenyl-phenylether	10.75	248	606699	41.807	nq	99
68) Hexachlorobenzene	10.82	284	649248	41.306	nq	98
69) Atrazine	10.91	200	520873	40.782	nq	100
70) Pentachlorophenol	11.00	266	380886	42.038	nq	98
71) Phenanthrene	11.22	178	2603871	37.720	nq	99
72) Anthracene	11.27	178	2631149	37.660	nq	99
73) Carbazole	11.43	167	2322799	37.829	nq	99
74) Di-n-butylphthalate	11.77	149	3004664	39.243	nq	100
75) Fluoranthene	12.40	202	2582429	36.128	nq	98
77) Benzidine	12.52	184	1370380	42.911	nq	100
78) Pyrene	12.63	202	2599543	39.624	nq	100
80) Butylbenzylphthalate	13.26	149	1318543	39.992	nq	99
81) Benzo(a)anthracene	13.81	228	2284091	38.325	nq	100
82) 3,3'-Dichlorobenzidine	13.77	252	929097	40.368	nq	98
83) Chrysene	13.84	228	2167847	38.072	nq	99
84) Bis(2-ethylhexyl)phthalate	13.82	149	1659953	40.724	nq	100
85) Di-n-octyl phthalate	14.43	149	2795058	39.467	nq	97
86) Indeno(1,2,3-cd)pyrene	16.53	276	1915287	33.585	nq	99
88) Benzo(b)fluoranthene	14.82	252	2250899	43.438	nq	99
89) Benzo(k)fluoranthene	14.84	252	1778096	39.479	nq	99
90) Benzo(a)pyrene	15.15	252	1810326	39.768	nq	100
91) Dibenzo(a,h)anthracene	16.54	278	1581776	39.322	nq	99
92) Benzo(g,h,i)perylene	16.93	276	1534273	39.298	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.70 min Scan# 784

Delta R.T. 0.01 min

Lab File: BF114717.D

Acq: 31 May 2019 20:08

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SSTDCCC040

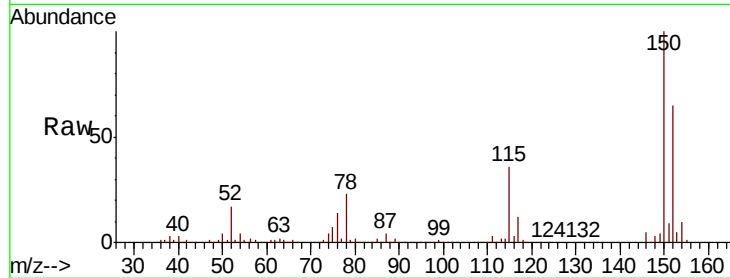
Tot Ion:152 Resp: 368594

Ion Ratio Lower Upper

152 100

150 153.7 124.4 186.6

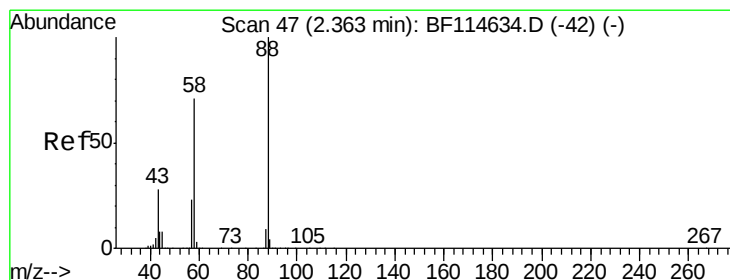
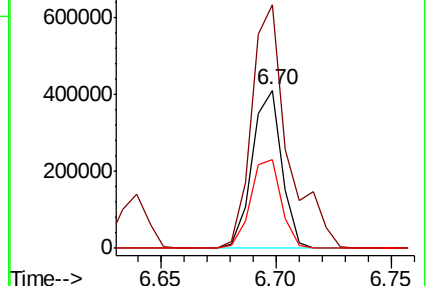
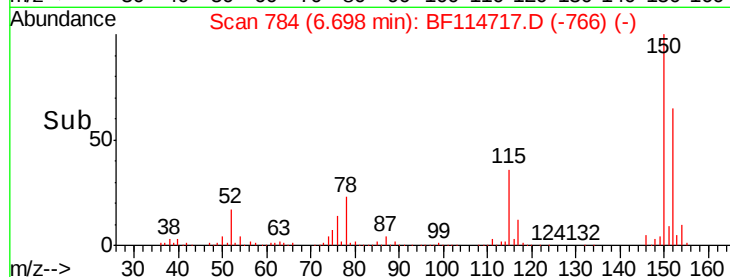
115 56.0 48.7 73.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.364 ng

RT: 2.35 min Scan# 44

Delta R.T. -0.02 min

Lab File: BF114717.D

Acq: 31 May 2019 20:08

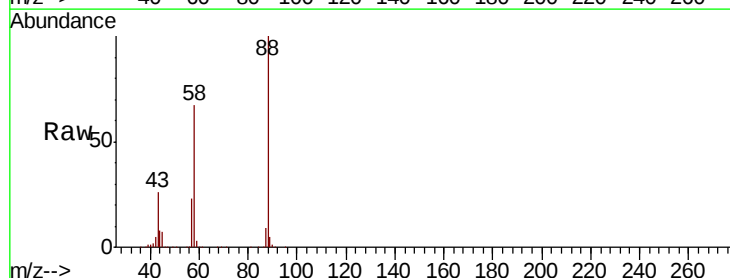
Tgt Ion: 88 Resp: 396587

Ion Ratio Lower Upper

88 100

58 68.2 57.2 85.8

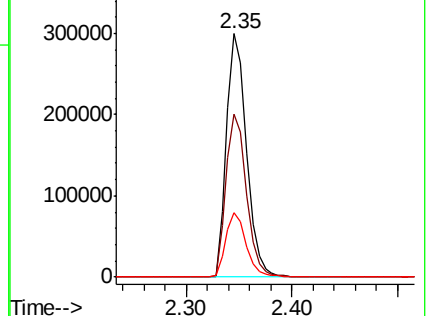
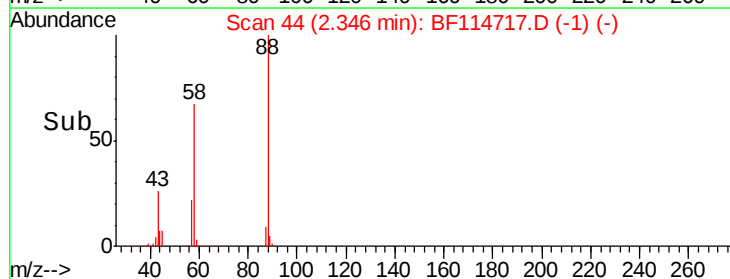
43 26.3 22.6 33.8

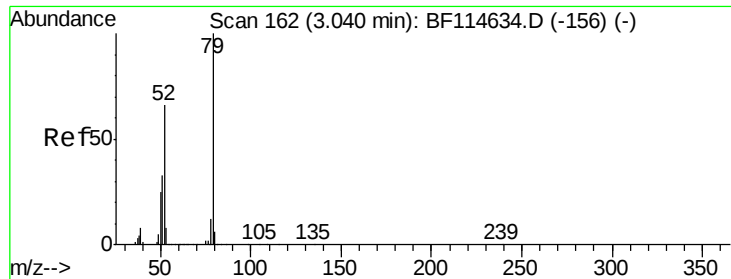


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 38.172 ng

RT: 3.03 min Scan# 161

Delta R.T. -0.01 min

Lab File: BF114717.D

Acq: 31 May 2019 20:08

Instrument :

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ClientSampleId :

SSTDCCC040

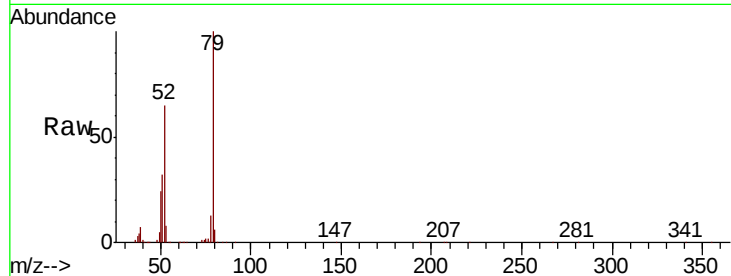
Tot Ion: 79 Resp: 1119224

Ion Ratio Lower Upper

79 100

52 65.0 52.8 79.2

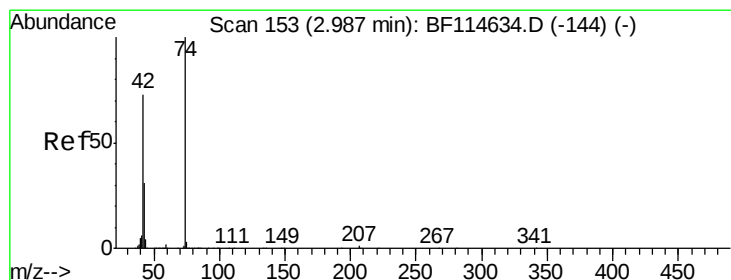
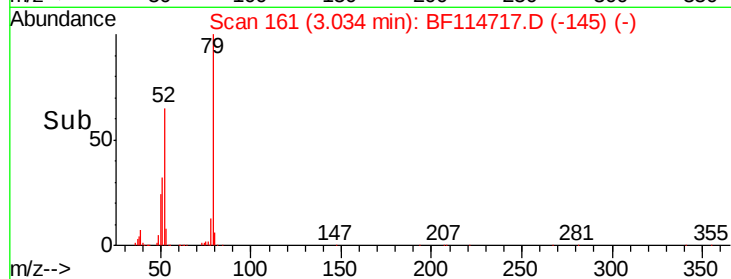
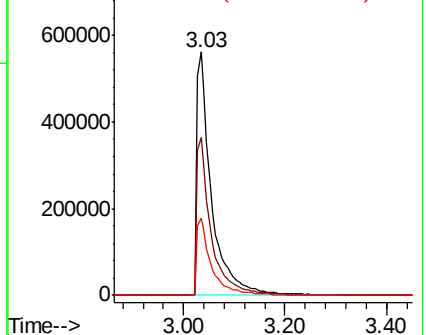
51 31.8 26.3 39.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 35.391 ng

RT: 2.97 min Scan# 151

Delta R.T. -0.01 min

Lab File: BF114717.D

Acq: 31 May 2019 20:08

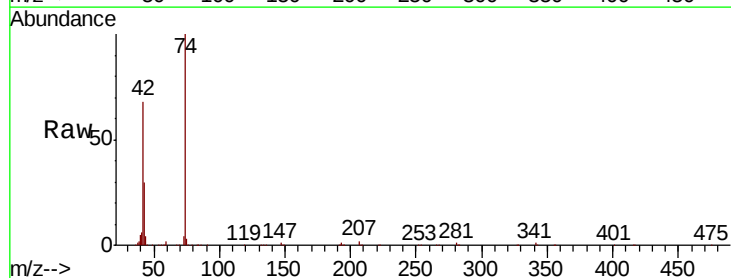
Tgt Ion: 42 Resp: 419924

Ion Ratio Lower Upper

42 100

74 146.3 110.0 165.0

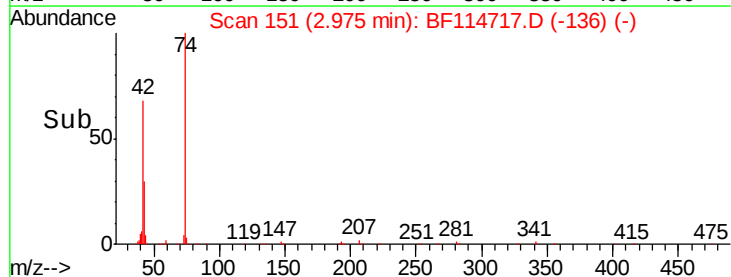
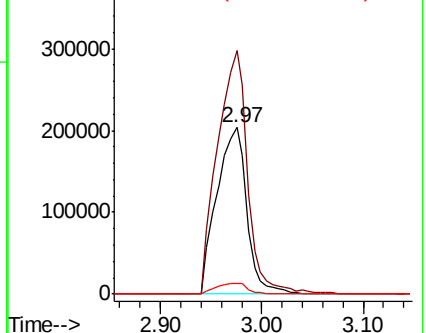
44 6.4 5.6 8.4



Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 77.937 ng

RT: 5.30 min Scan# 546

Delta R.T. 0.01 min

Lab File: BF114717.D

Acq: 31 May 2019 20:08

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ClientSampleId :

SSTDCCC040

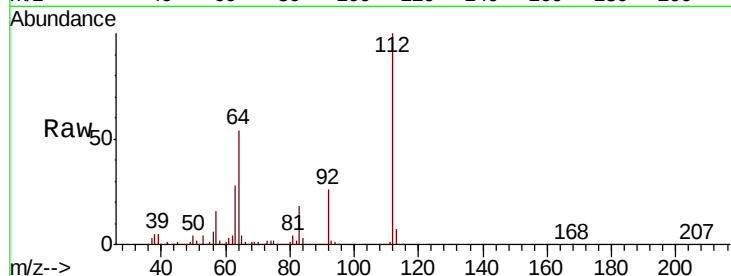
Tot Ion:112 Resp: 1636203

Ion Ratio Lower Upper

112 100

64 54.1 46.1 69.1

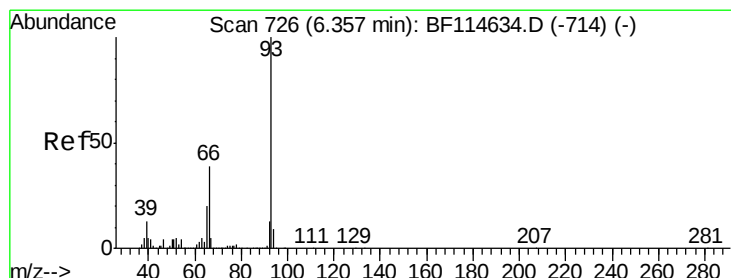
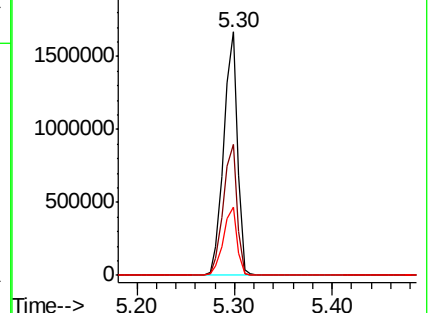
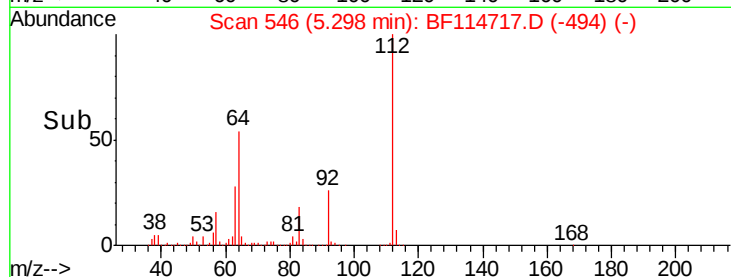
63 28.2 23.4 35.2



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: 39.017 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF114717.D

Acq: 31 May 2019 20:08

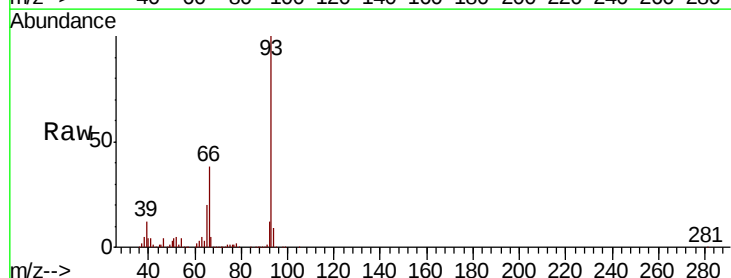
Tgt Ion: 93 Resp: 1490996

Ion Ratio Lower Upper

93 100

66 38.0 31.4 47.2

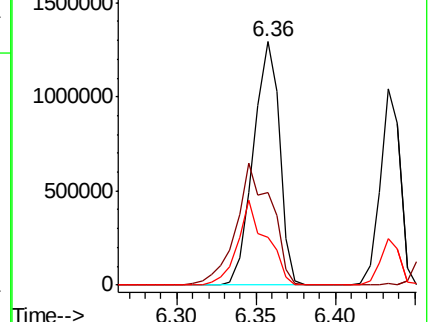
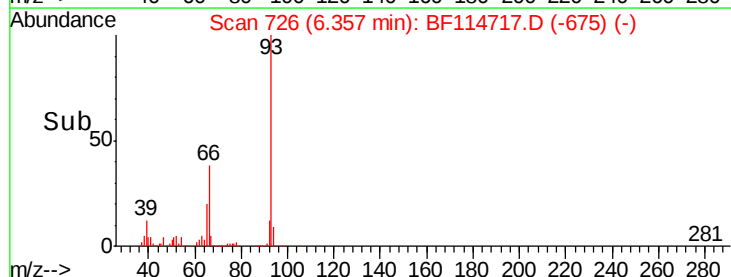
65 19.6 16.2 24.2

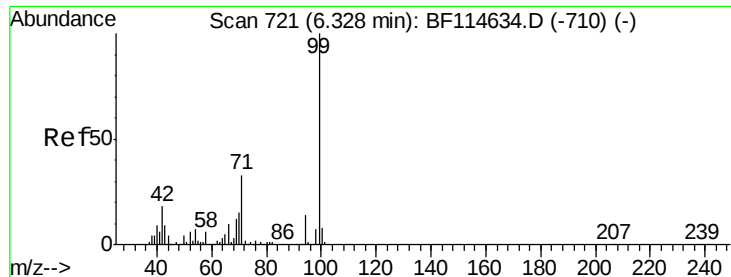


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.051 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114717.D

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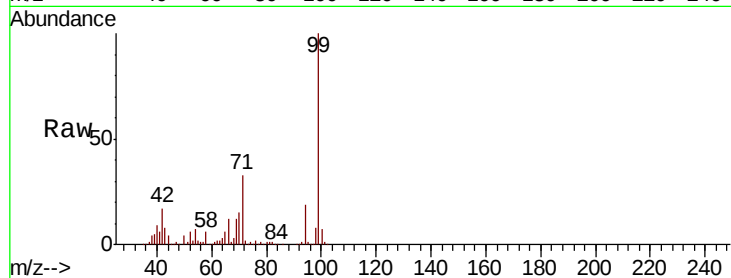
Tot Ion: 99 Resp: 1974572

Ion Ratio Lower Upper

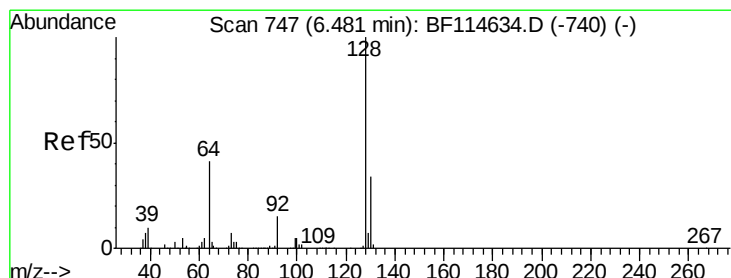
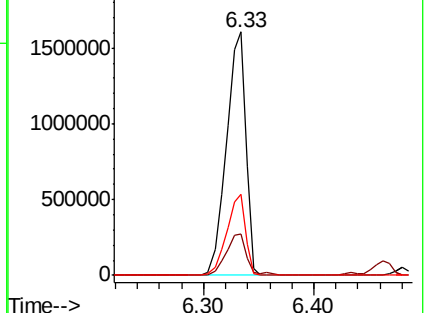
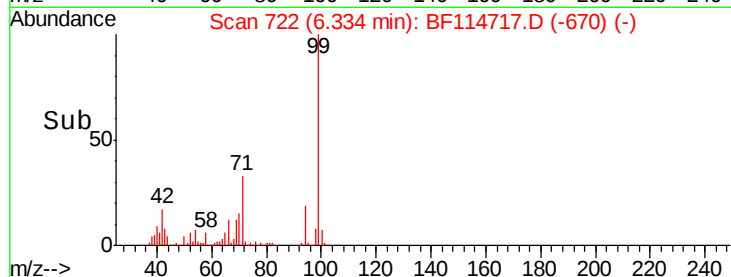
99 100

42 16.9 14.7 22.1

71 33.1 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.763 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF114717.D

Acq: 31 May 2019 20:08

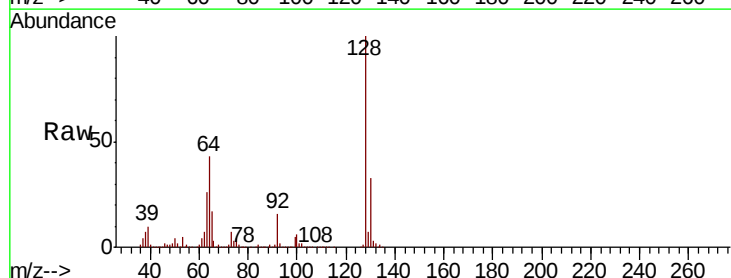
Tgt Ion: 128 Resp: 988310

Ion Ratio Lower Upper

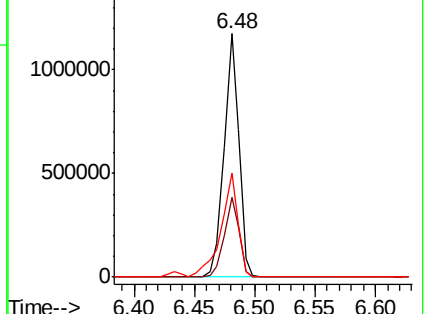
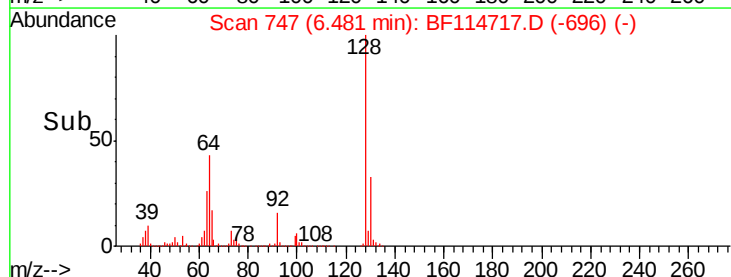
128 100

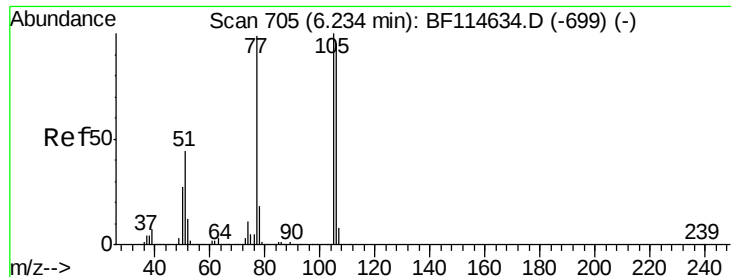
130 32.6 13.9 53.9

64 42.6 22.0 62.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 42.644 ng

RT: 6.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BF114717.D

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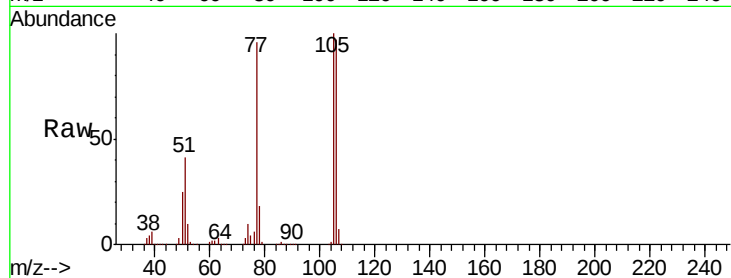
Tot Ion: 77 Resp: 592232

Ion Ratio Lower Upper

77 100

105 104.2 80.8 120.8

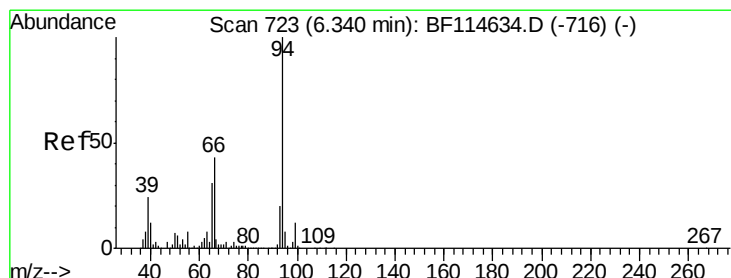
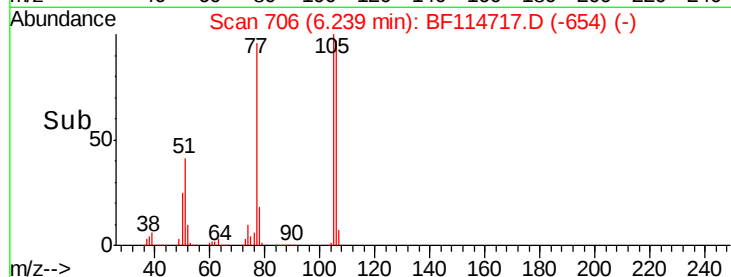
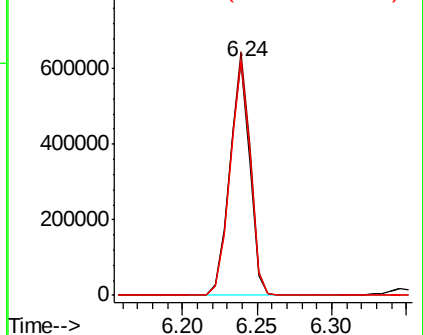
106 100.5 76.2 116.2



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.693 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF114717.D

Acq: 31 May 2019 20:08

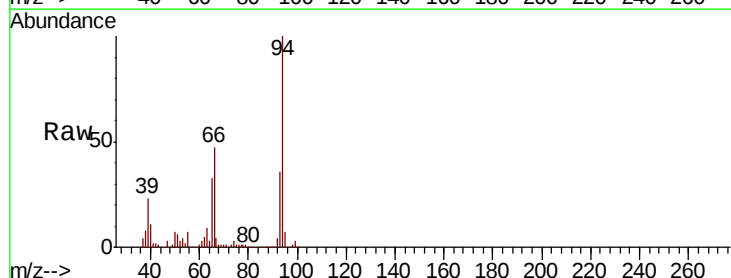
Tgt Ion: 94 Resp: 1182505

Ion Ratio Lower Upper

94 100

65 32.5 11.0 51.0

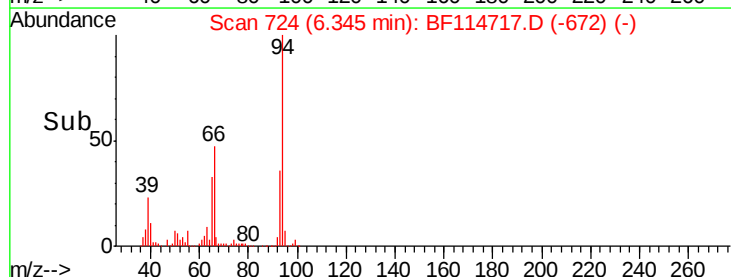
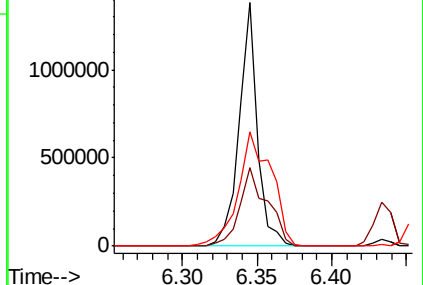
66 46.8 23.0 63.0



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

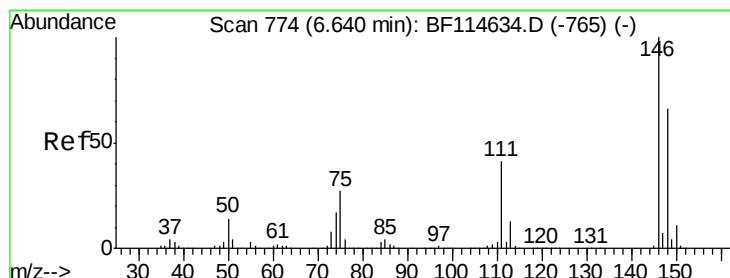
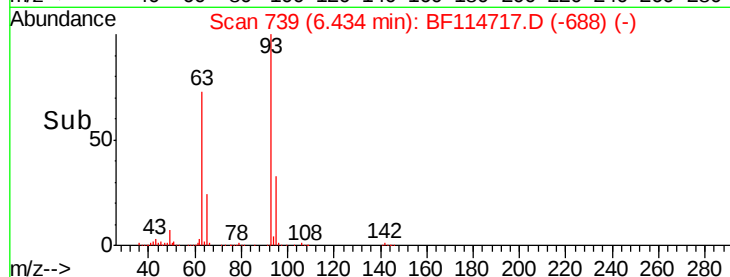
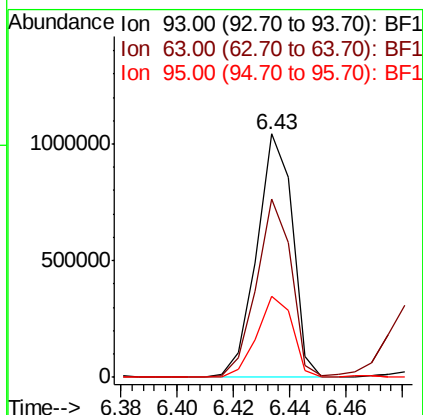
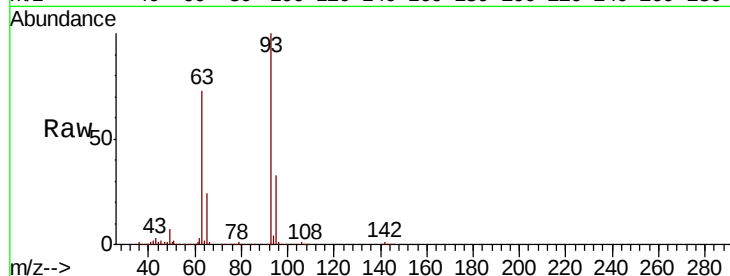




#11
bis(2-Chloroethyl)ether
Concen: 39.076 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF114717.D
Acq: 31 May 2019 20:08

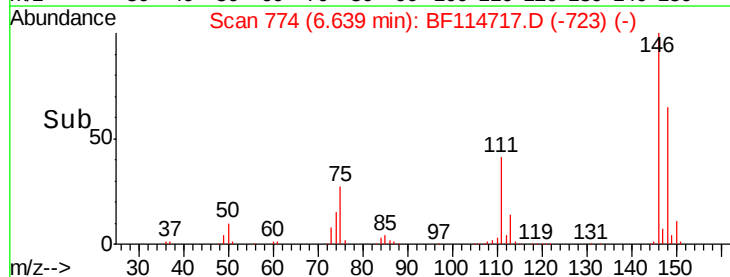
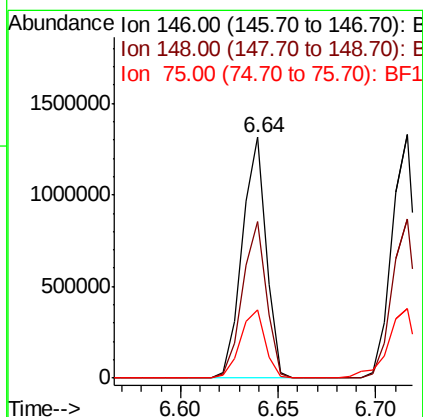
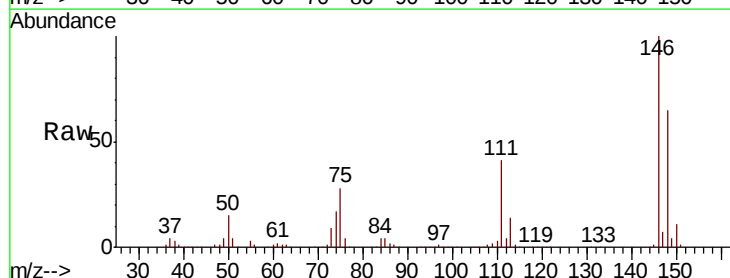
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

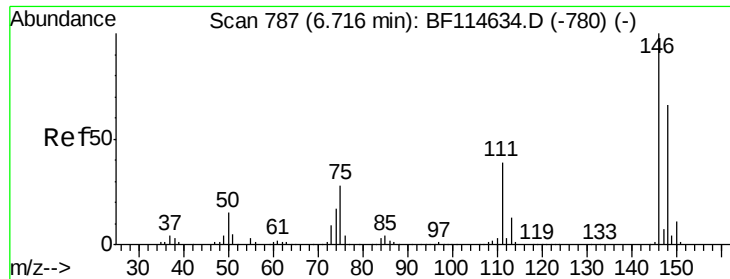
Tot Ion	Ratio	Lower	Upper
93	100		
63	73.0	55.0	95.0
95	33.4	13.5	53.5



#12
1,3-Dichlorobenzene
Concen: 40.644 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF114717.D
Acq: 31 May 2019 20:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.9	79.3
75	28.3	22.0	33.0

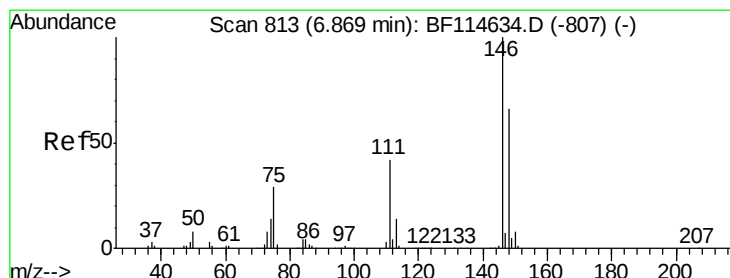
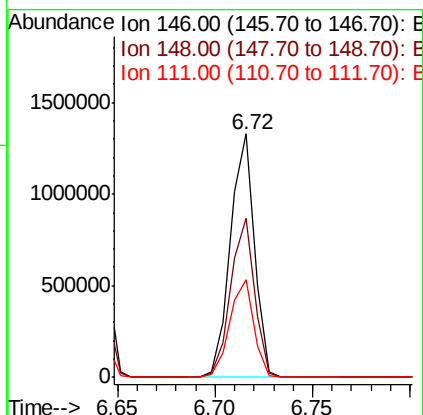
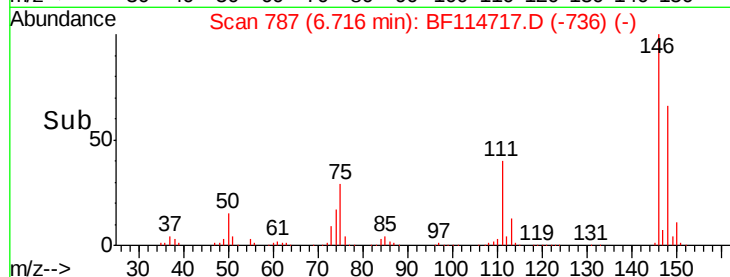
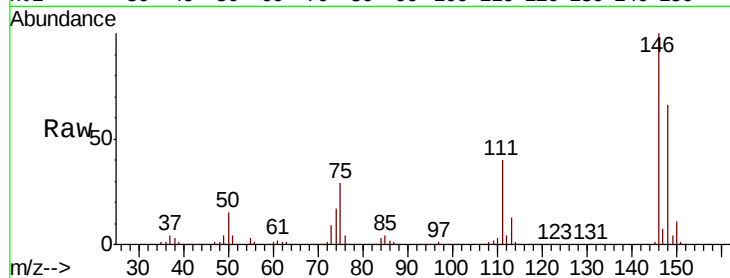




#13
 1,4-Dichlorobenzene
 Concen: 40.919 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF114717.D
 Acq: 31 May 2019 20:08

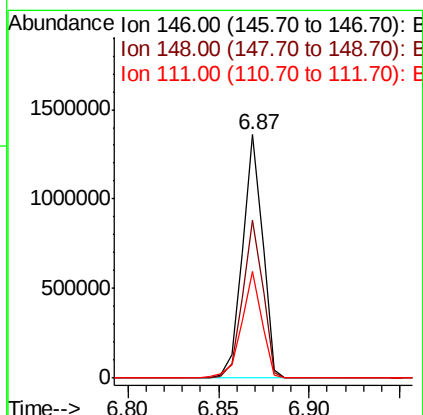
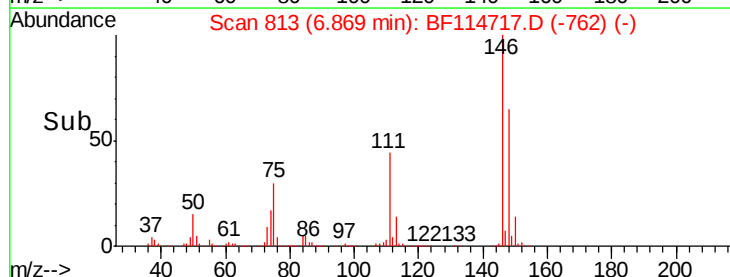
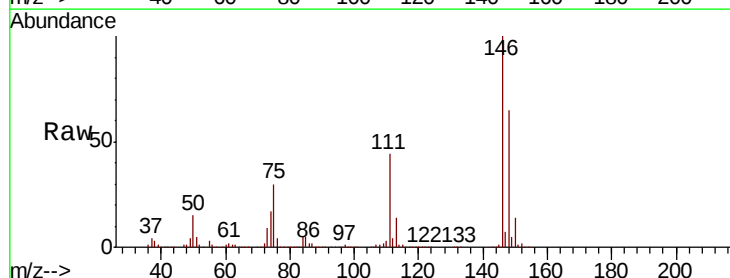
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:146 Resp: 1133895
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.5 78.7
 111 40.1 31.4 47.2



#14
 1,2-Dichlorobenzene
 Concen: 41.449 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF114717.D
 Acq: 31 May 2019 20:08

Tgt Ion:146 Resp: 1045704
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.6 79.0
 111 43.6 34.1 51.1





#15

Benzyl Alcohol

Concen: 40.219 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF114717.D

Acq: 31 May 2019 20:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

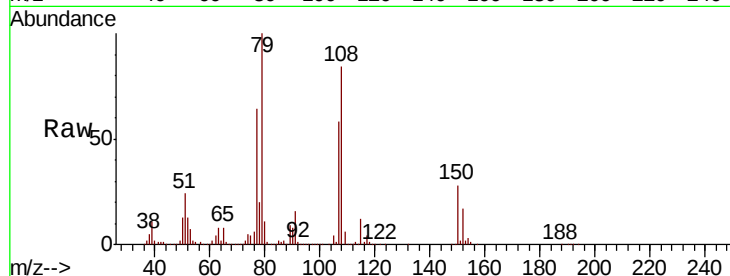
Tot Ion: 79 Resp: 800352

Ion Ratio Lower Upper

79 100

108 83.7 67.8 101.8

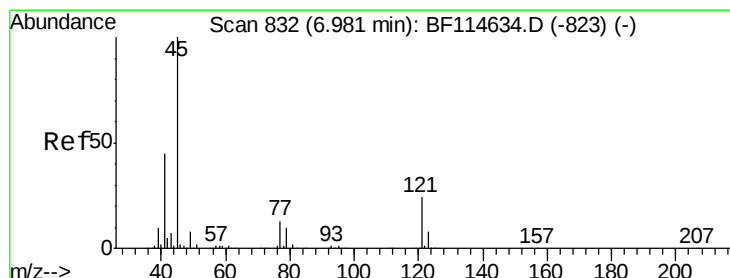
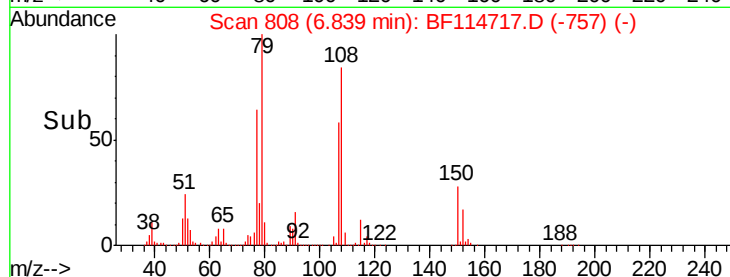
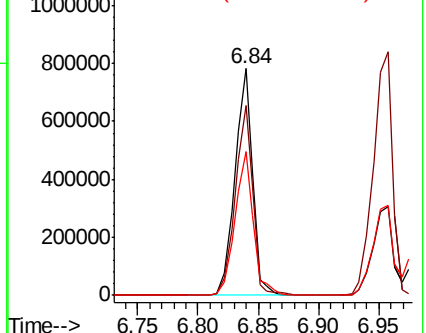
77 63.6 50.7 76.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.949 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF114717.D

Acq: 31 May 2019 20:08

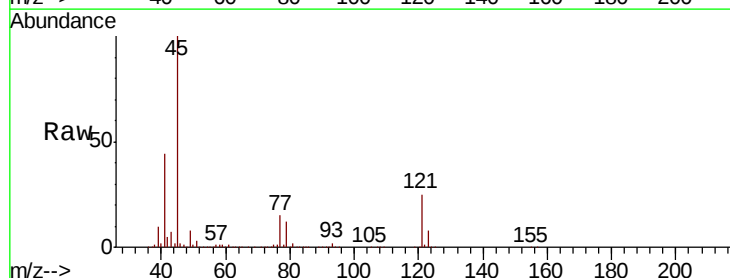
Tgt Ion: 45 Resp: 1324778

Ion Ratio Lower Upper

45 100

77 15.0 0.0 34.7

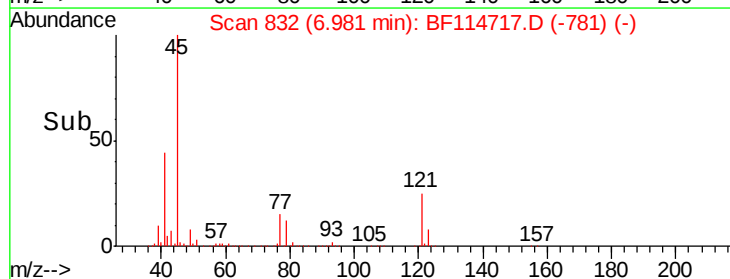
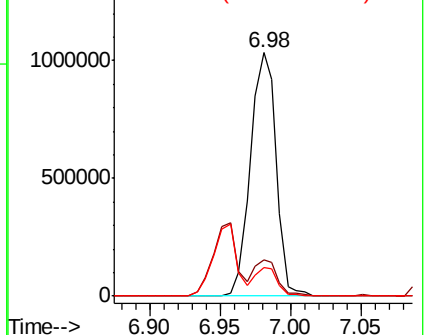
79 11.7 0.0 31.3

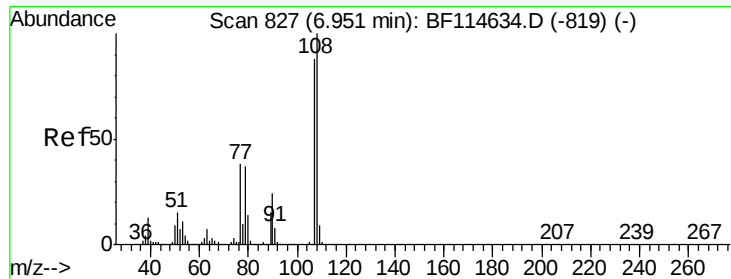


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

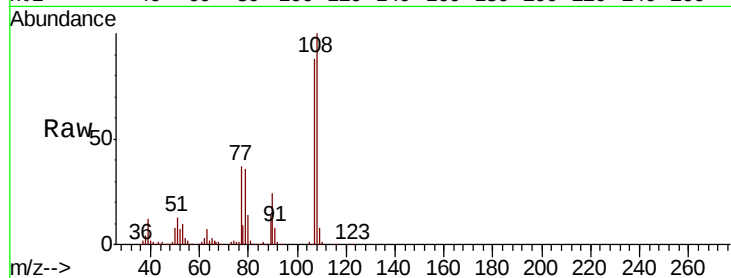




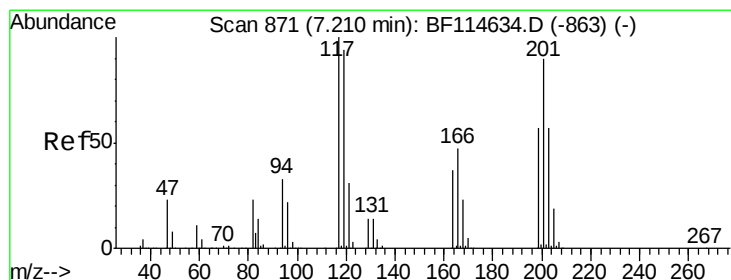
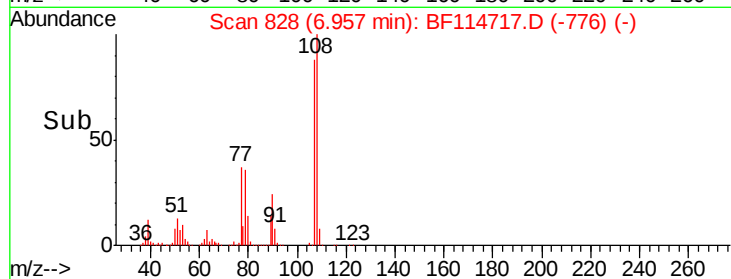
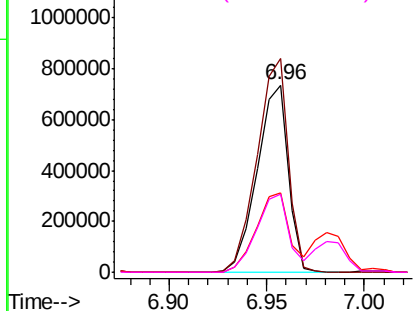
#17
2-Methylphenol
Concen: 39.594 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF114717.D
Acq: 31 May 2019 20:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	811940
Ion	Ratio	Lower	Upper
107	100		
108	114.0	91.1	136.7
77	42.2	34.9	52.3
79	41.5	33.8	50.6

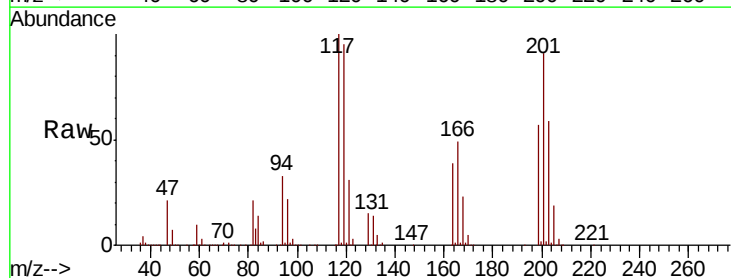


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

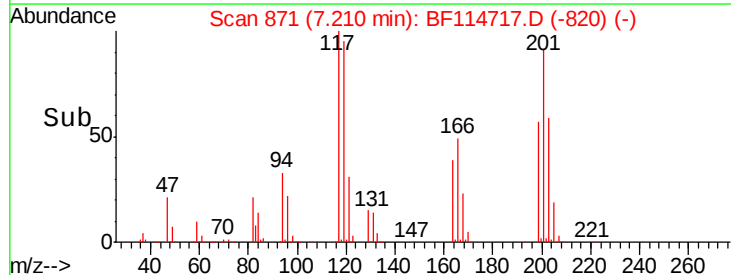
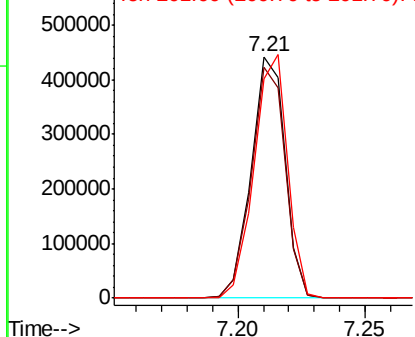


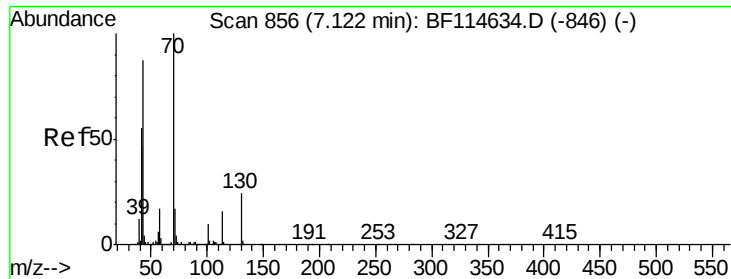
#18
Hexachloroethane
Concen: 39.402 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF114717.D
Acq: 31 May 2019 20:08

Tgt Ion:	117	Resp:	413404
Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.6	113.4
201	90.7	71.7	107.5



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

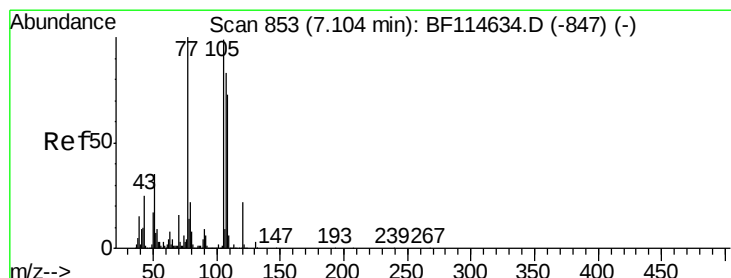
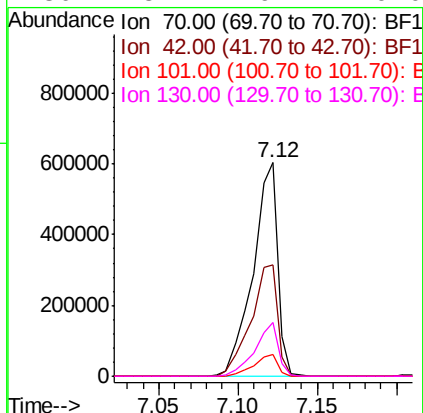
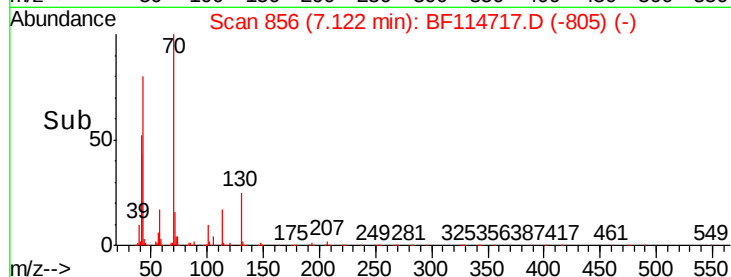
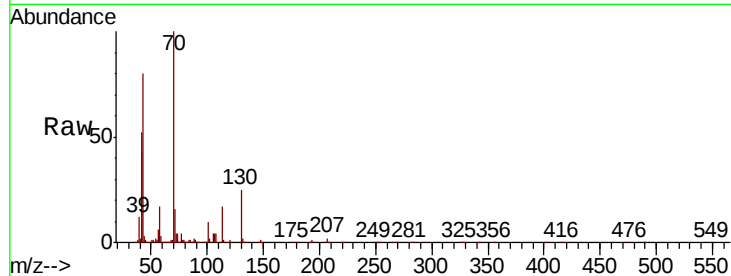




#19
n-Nitroso-di-n-propylamine
Concen: 37.492 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF114717.D
Acq: 31 May 2019 20:08

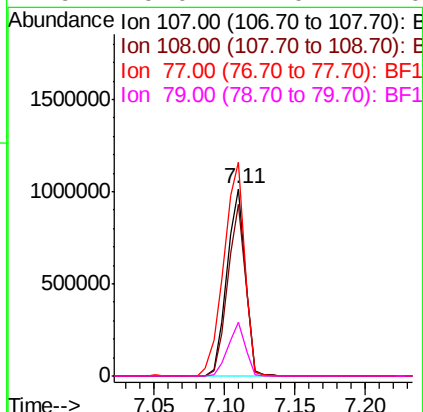
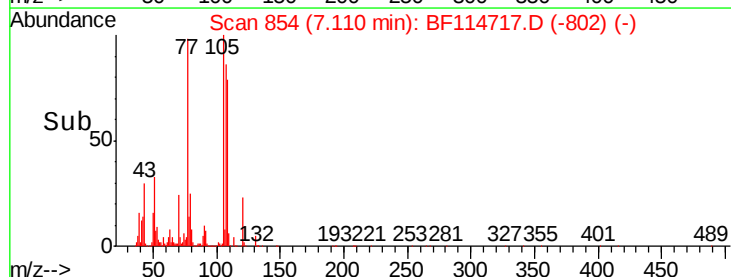
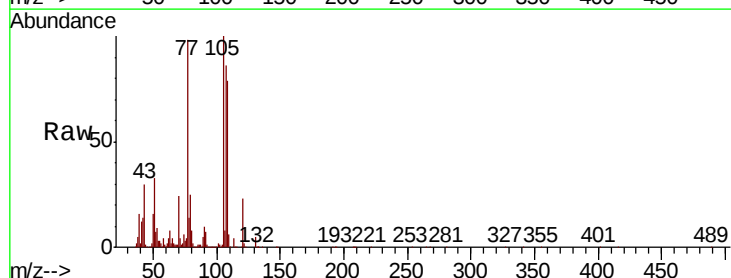
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

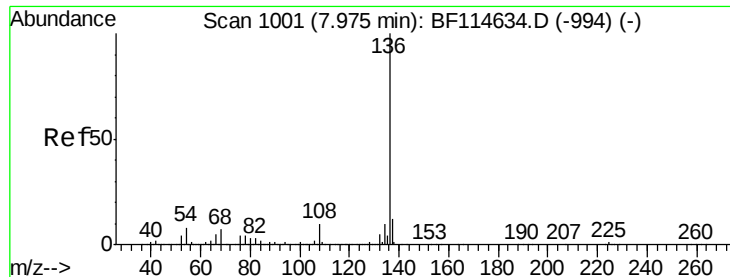
Tot Ion:	70	Resp:	654694
Ion	Ratio	Lower	Upper
70	100		
42	52.1	44.4	66.6
101	10.5	8.2	12.4
130	25.4	19.4	29.0



#20
3+4-Methylphenols
Concen: 37.946 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF114717.D
Acq: 31 May 2019 20:08

Tgt Ion:	107	Resp:	915199
Ion	Ratio	Lower	Upper
107	100		
108	91.9	68.6	108.6
77	114.1	100.5	140.5
79	29.0	7.0	47.0



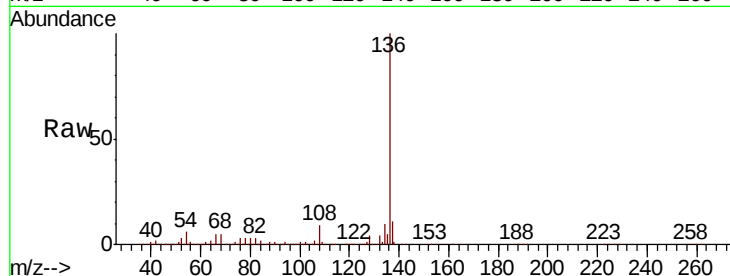


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF114717.D
Acq: 31 May 2019 20:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:136 Resp: 1493232

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.3	13.9
54	6.4	6.3	9.5
68	5.4	5.4	8.0



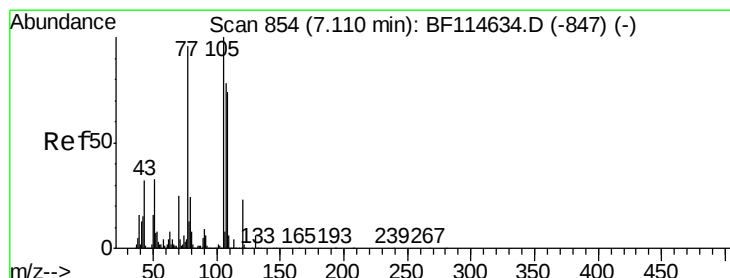
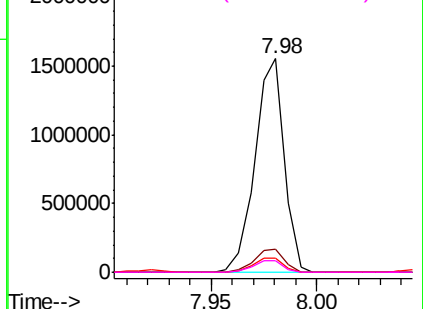
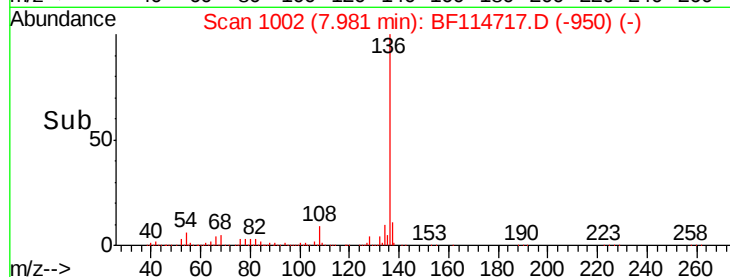
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

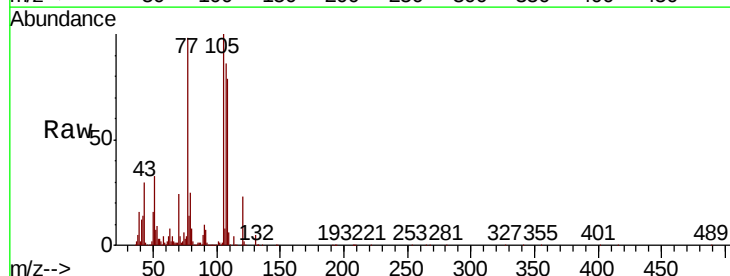
Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 39.344 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF114717.D
Acq: 31 May 2019 20:08

Tgt Ion:105 Resp: 1251786

Ion	Ratio	Lower	Upper
105	100		
71	4.0	3.6	5.4
51	32.8	26.0	39.0
120	23.2	18.8	28.2



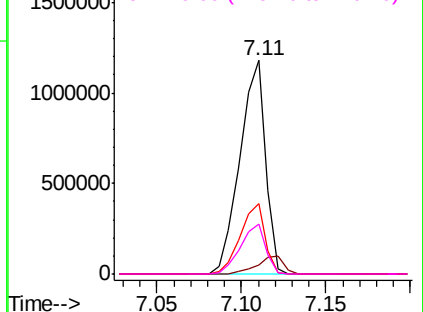
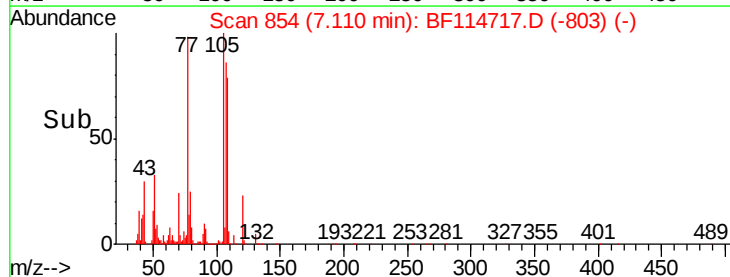
Abundance

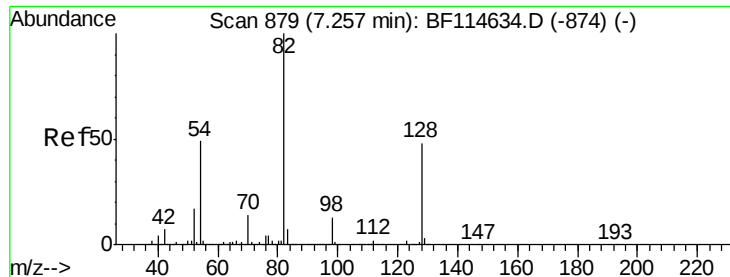
Ion 105.00 (104.70 to 105.70): E

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

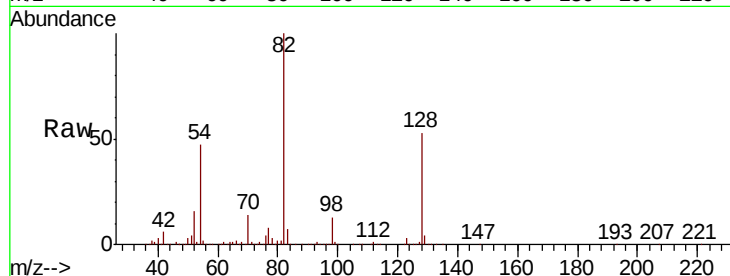




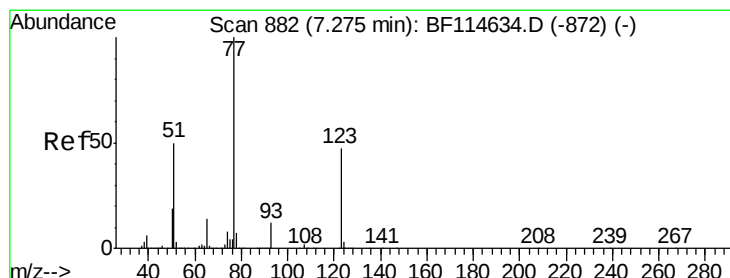
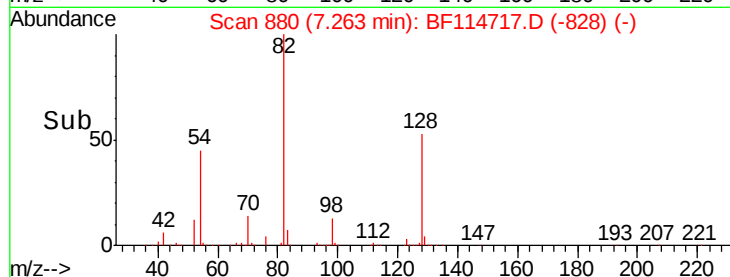
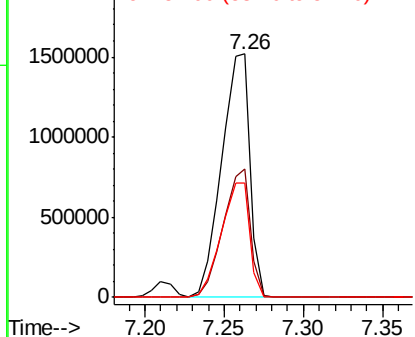
#23
Nitrobenzene-d5
Concen: 78.687 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF114717.D
Acq: 31 May 2019 20:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 1883302
Ion Ratio Lower Upper
82 100
128 52.6 38.5 57.7
54 46.7 39.1 58.7

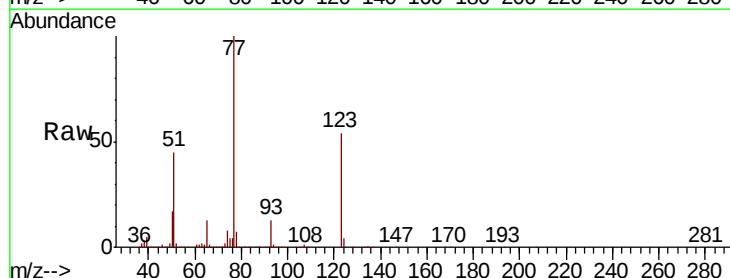


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

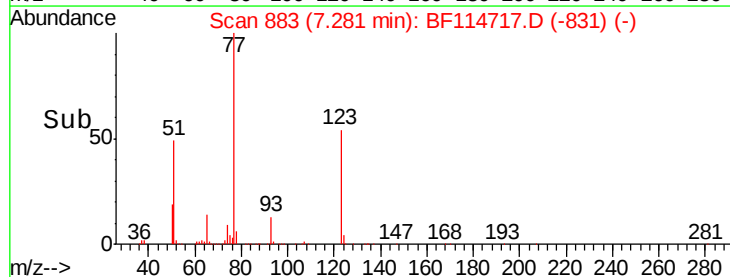
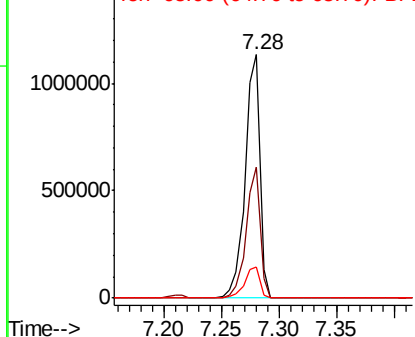


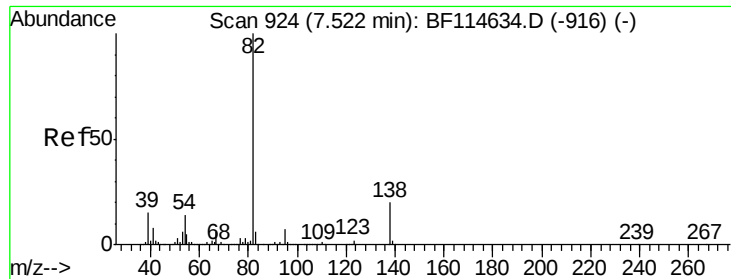
#24
Nitrobenzene
Concen: 39.524 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF114717.D
Acq: 31 May 2019 20:08

Tgt Ion: 77 Resp: 1004882
Ion Ratio Lower Upper
77 100
123 54.0 38.5 57.7
65 12.9 11.2 16.8



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





#25

Isophorone

Concen: 37.143 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF114717.D

Acq: 31 May 2019 20:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

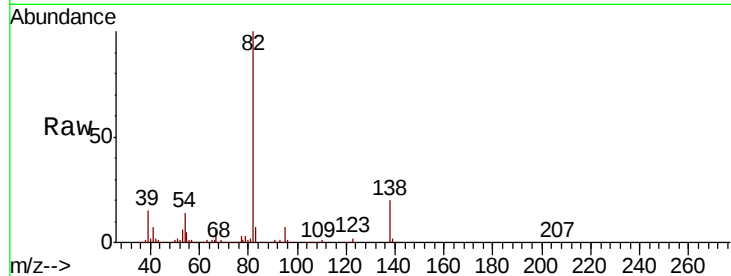
Tot Ion: 82 Resp: 1784085

Ion Ratio Lower Upper

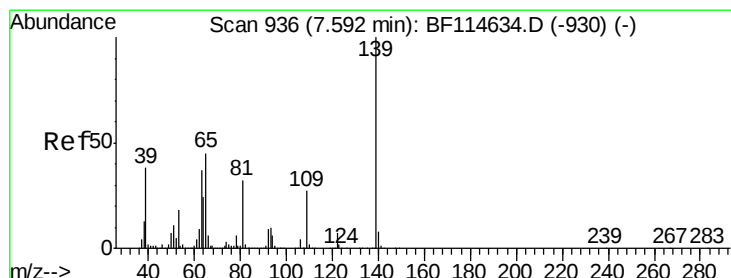
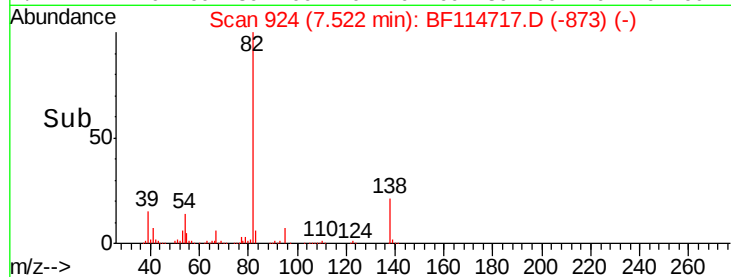
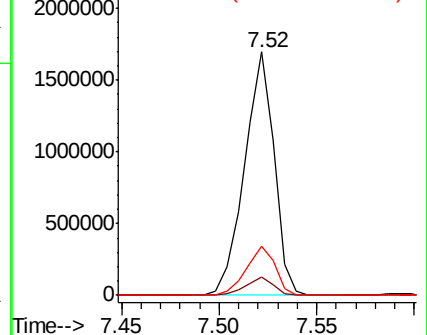
82 100

95 7.4 5.6 8.4

138 20.3 15.9 23.9



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: 42.311 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.00 min

Lab File: BF114717.D

Acq: 31 May 2019 20:08

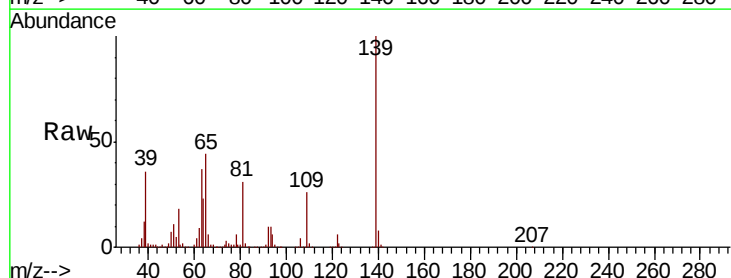
Tgt Ion: 139 Resp: 523624

Ion Ratio Lower Upper

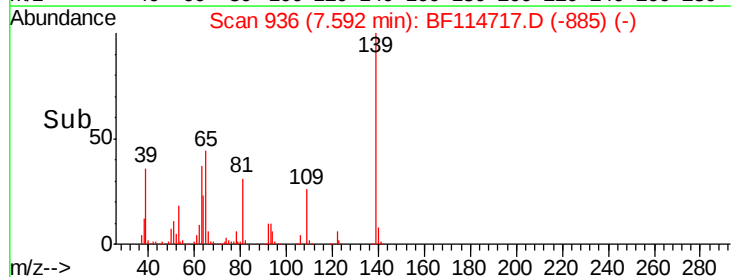
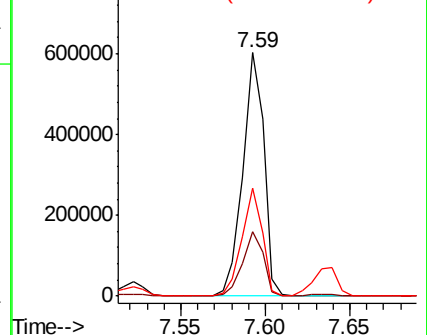
139 100

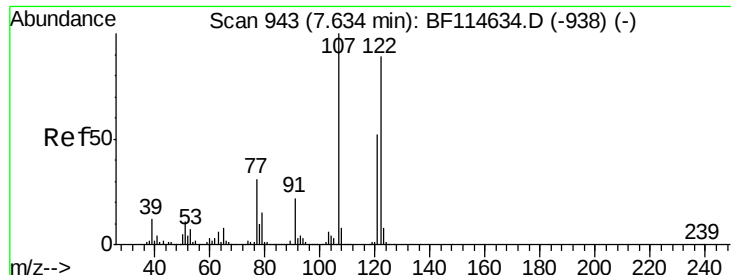
109 26.3 21.7 32.5

65 44.5 36.3 54.5



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





#27

2,4-Dimethylphenol

Concen: 38.927 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.01 min

Lab File: BF114717.D

Acq: 31 May 2019 20:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

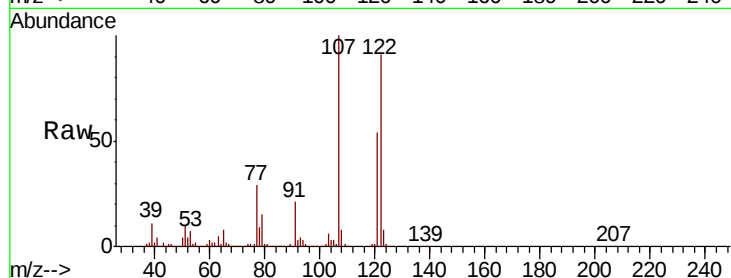
Tot Ion:122 Resp: 801199

Ion Ratio Lower Upper

122 100

107 109.7 89.3 133.9

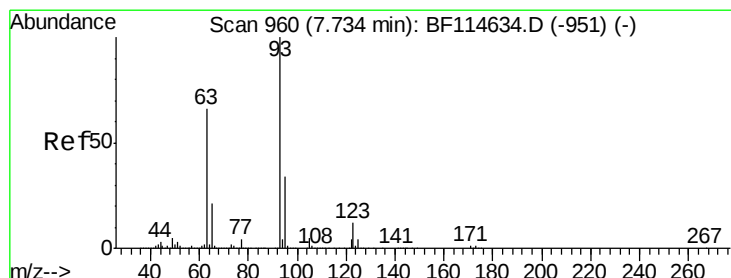
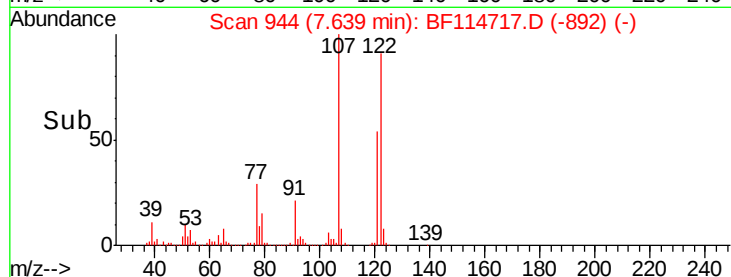
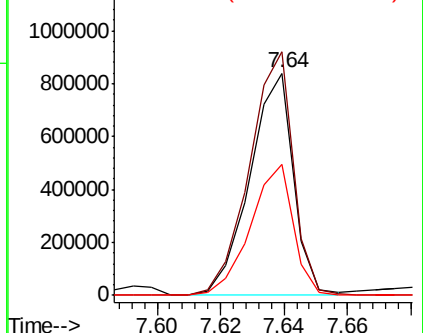
121 59.2 46.8 70.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.623 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF114717.D

Acq: 31 May 2019 20:08

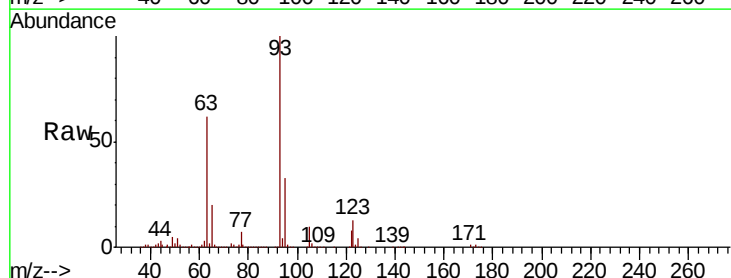
Tgt Ion: 93 Resp: 1180942

Ion Ratio Lower Upper

93 100

95 33.1 27.0 40.4

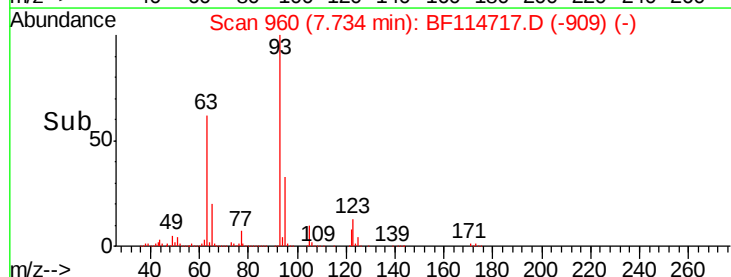
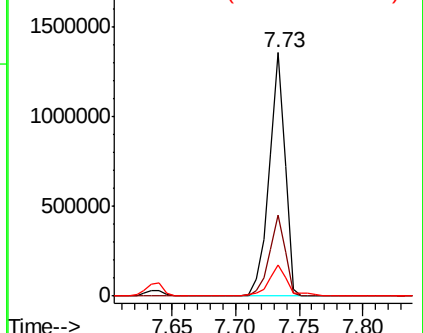
123 12.9 10.2 15.2

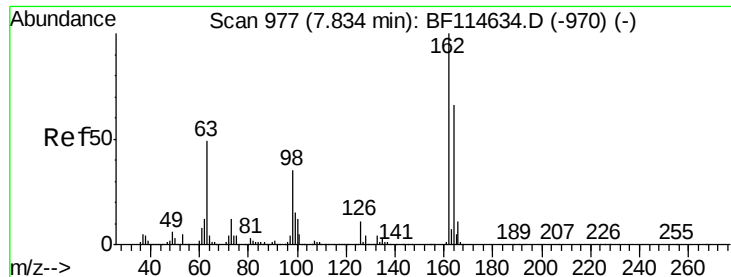


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

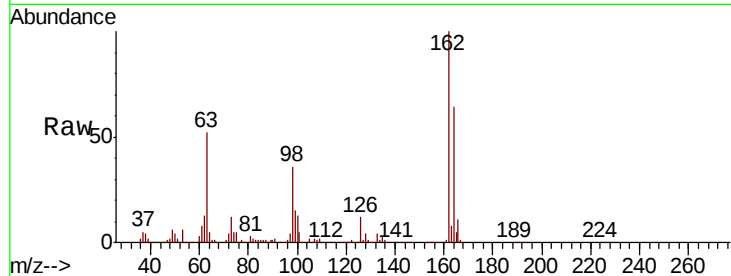




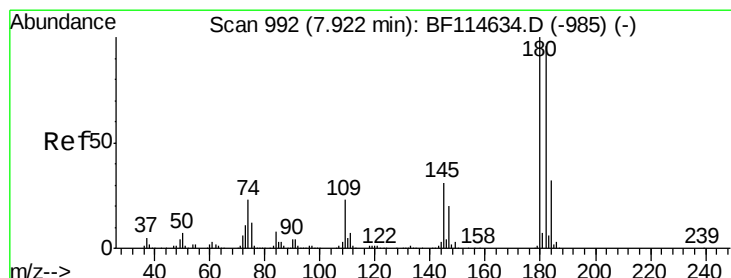
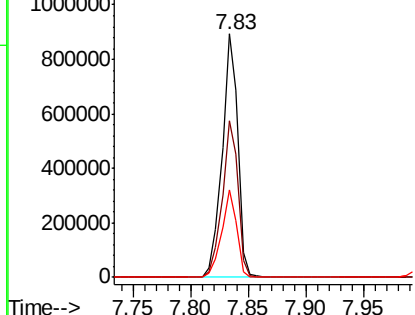
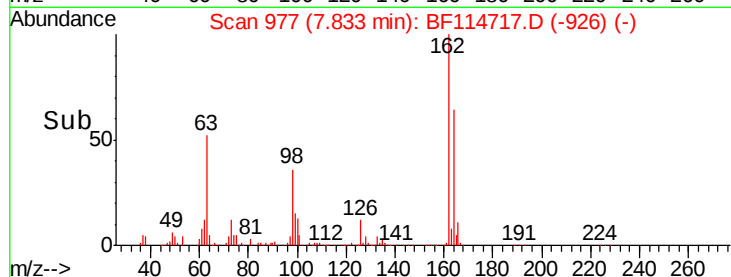
#29
2,4-Dichlorophenol
Concen: 40.355 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF114717.D
Acq: 31 May 2019 20:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	45.8	85.8
98	36.0	14.9	54.9

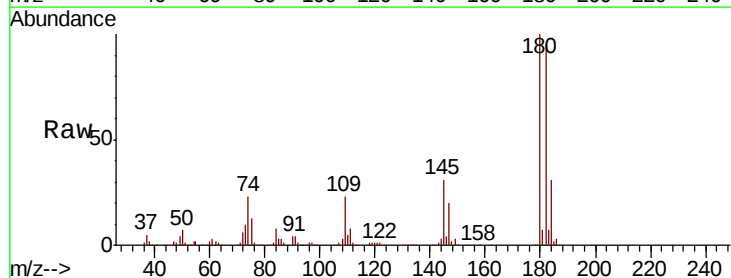


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

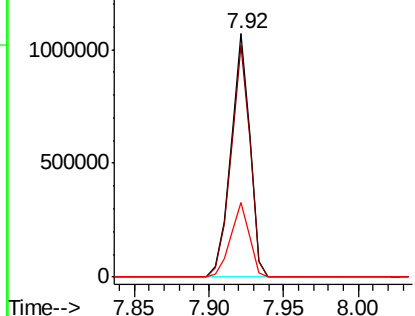
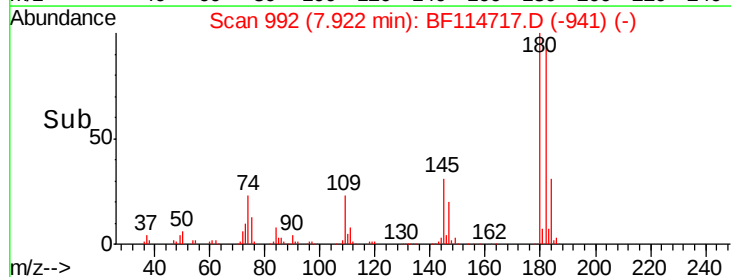


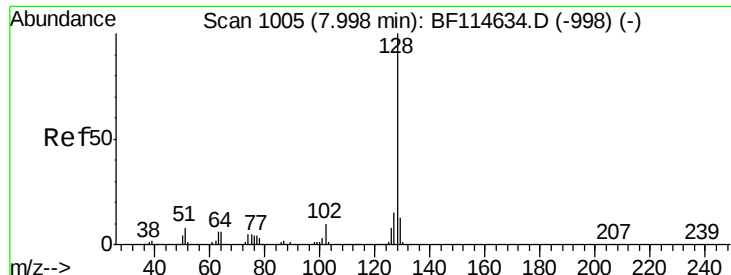
#30
1,2,4-Trichlorobenzene
Concen: 40.603 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF114717.D
Acq: 31 May 2019 20:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.9	115.3
145	30.9	24.5	36.7



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

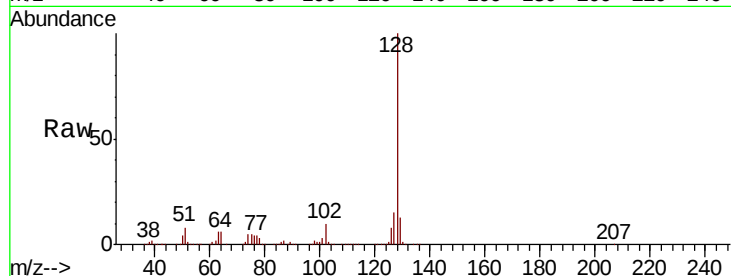




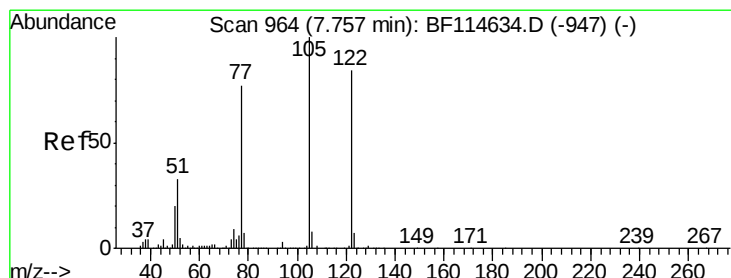
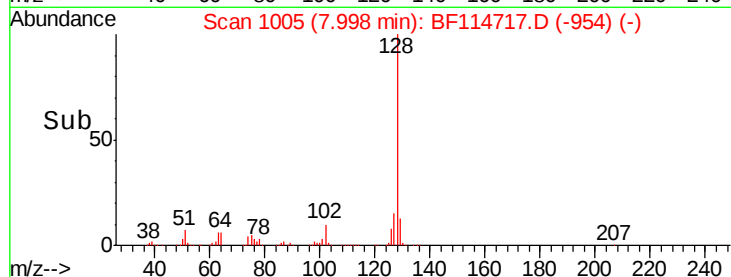
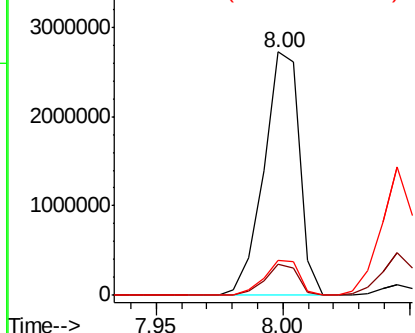
#31
Naphthalene
Concen: 39.088 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF114717.D
Acq: 31 May 2019 20:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 2688490
Ion Ratio Lower Upper
128 100
129 12.6 10.2 15.2
127 14.5 11.9 17.9

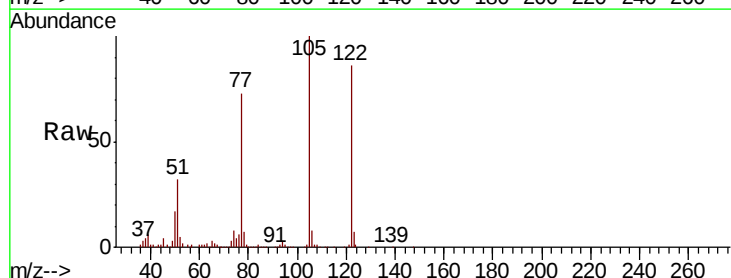


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

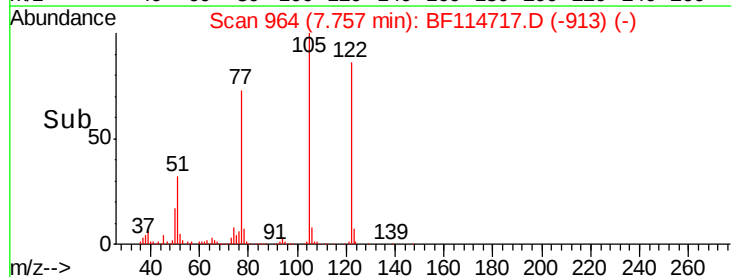
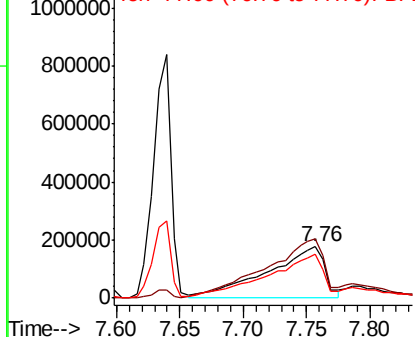


#32
Benzoic acid
Concen: 41.406 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.00 min
Lab File: BF114717.D
Acq: 31 May 2019 20:08

Tgt Ion:122 Resp: 553537
Ion Ratio Lower Upper
122 100
105 115.7 98.3 138.3
77 84.8 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

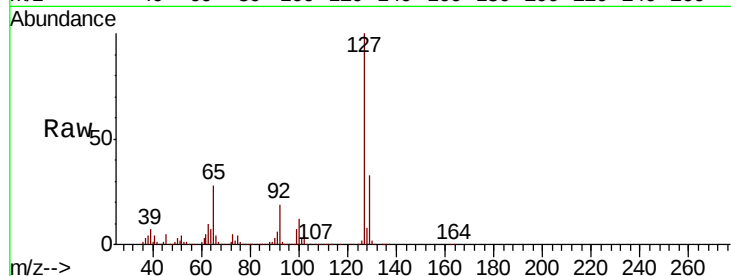




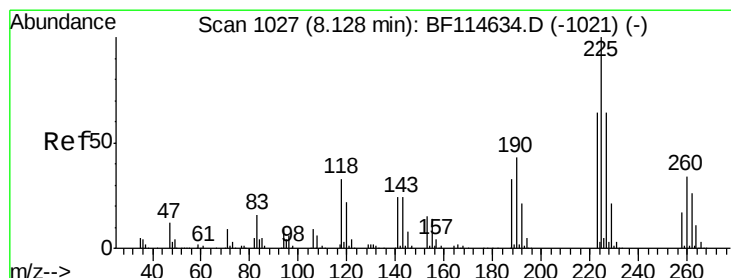
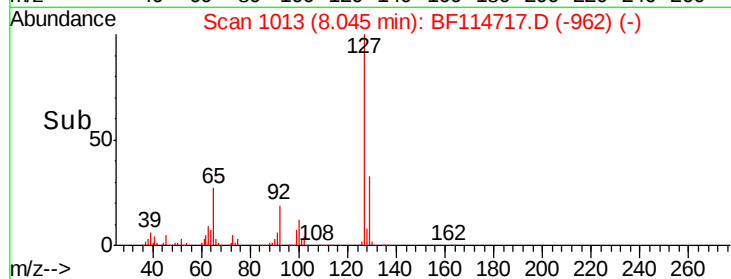
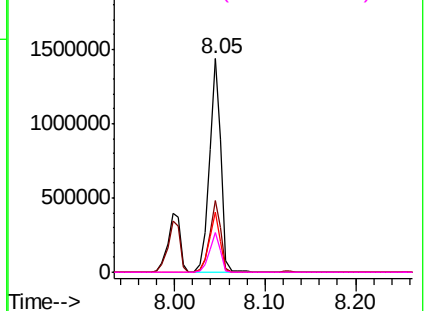
#33
4-Chloroaniline
Concen: 38.949 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BF114717.D
Acq: 31 May 2019 20:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:127	Resp: 1276321
Ion Ratio	Lower Upper
127 100	
129 33.5	26.7 40.1
65 28.0	22.5 33.7
92 18.6	14.6 22.0

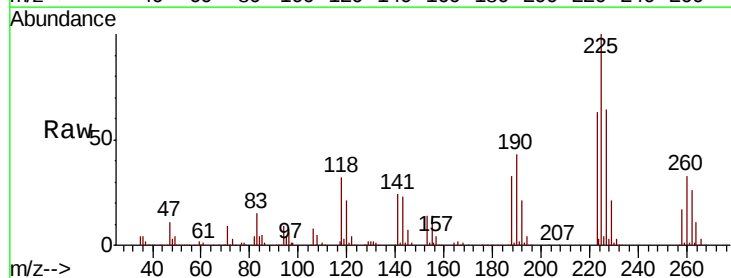


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

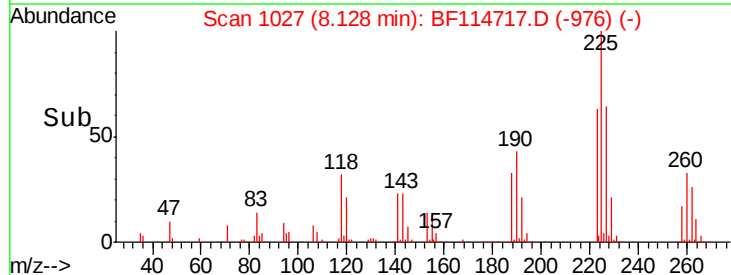
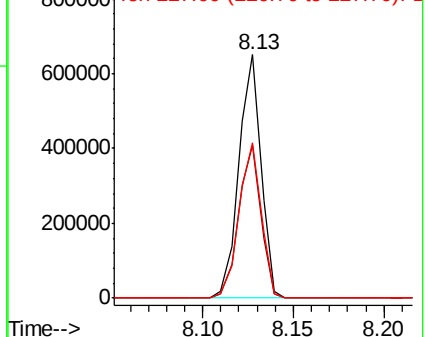


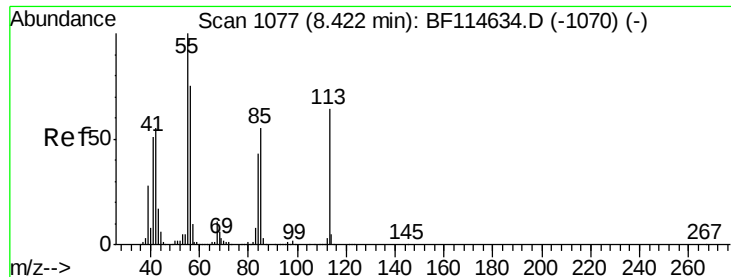
#34
Hexachlorobutadiene
Concen: 41.581 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF114717.D
Acq: 31 May 2019 20:08

Tgt	Ion:225	Resp:	551341
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.9	76.3
227	63.7	51.3	76.9



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

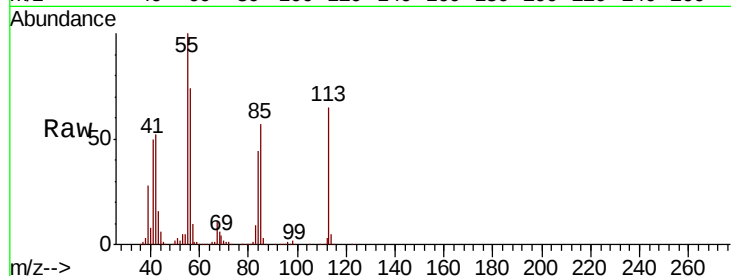




#35
 Caprolactam
 Concen: 39.312 ng
 RT: 8.42 min Scan# 1077
 Delta R.T. -0.00 min
 Lab File: BF114717.D
 Acq: 31 May 2019 20:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	153.4	136.4	176.4
56	113.4	97.0	137.0

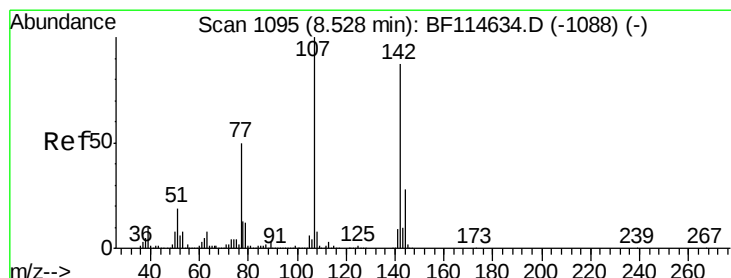
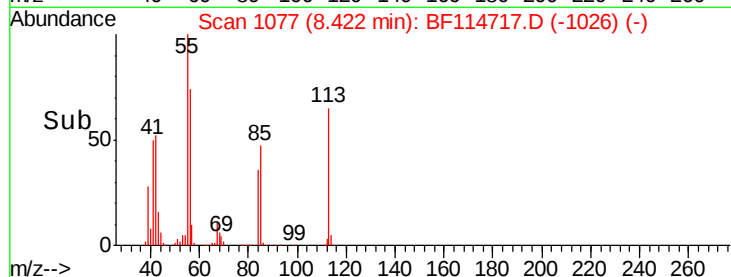
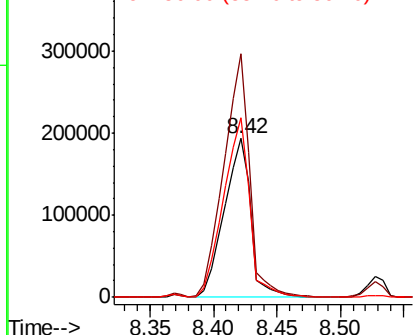


Abundance

Ion 113.00 (112.70 to 113.70): E

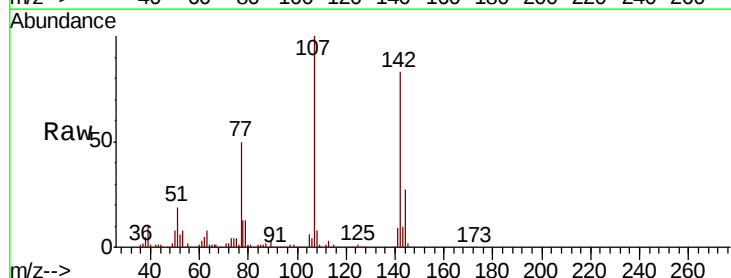
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
 4-Chloro-3-methylphenol
 Concen: 39.729 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BF114717.D
 Acq: 31 May 2019 20:08

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.4	22.5	33.7
142	83.5	69.8	104.6

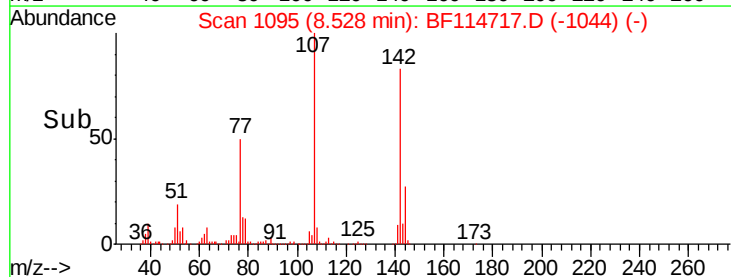
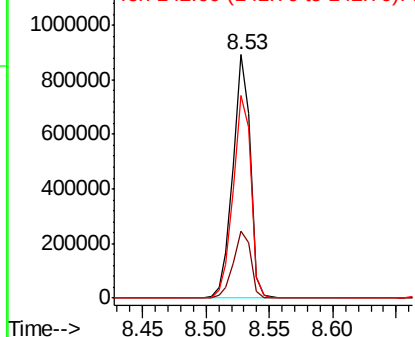


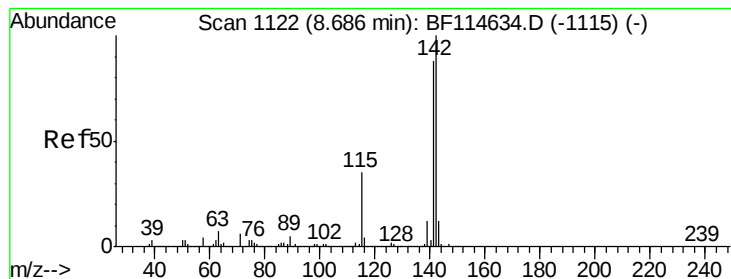
Abundance

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: 39.948 ng

RT: 8.69 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BF114717.D

Acq: 31 May 2019 20:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

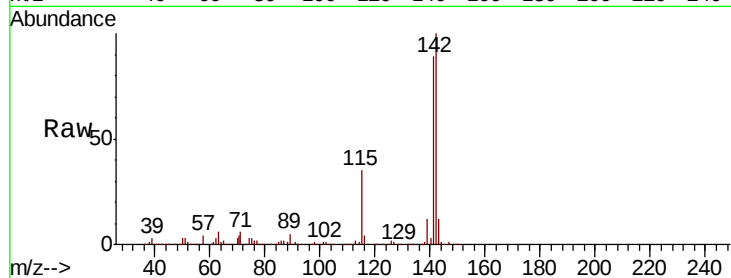
Tot Ion:142 Resp: 1825592

Ion Ratio Lower Upper

142 100

141 88.6 70.3 105.5

115 35.0 28.0 42.0

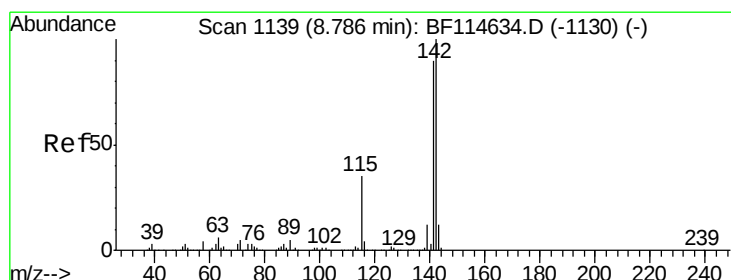
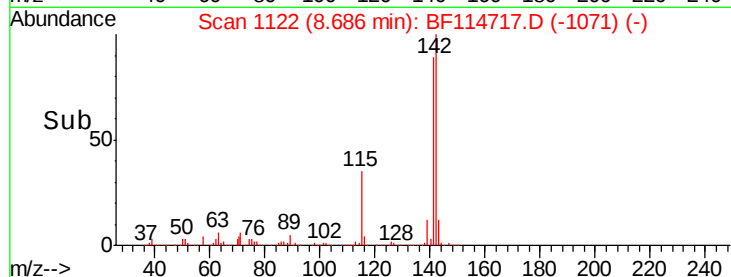
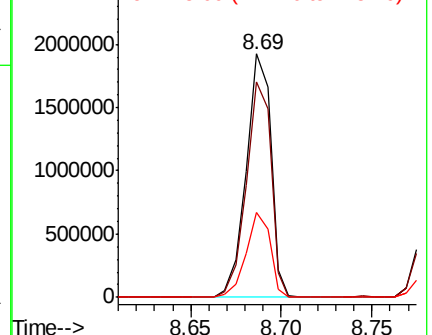


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.278 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BF114717.D

Acq: 31 May 2019 20:08

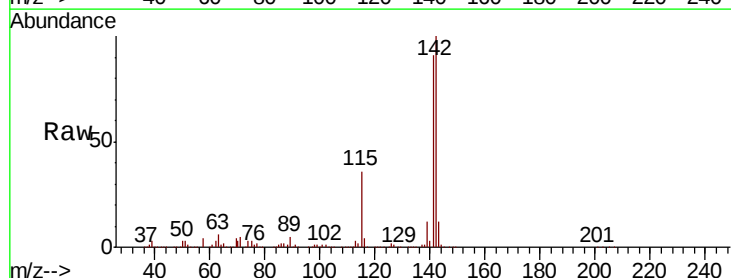
Tgt Ion:142 Resp: 1743953

Ion Ratio Lower Upper

142 100

141 91.0 72.3 108.5

116 3.9 3.0 4.4

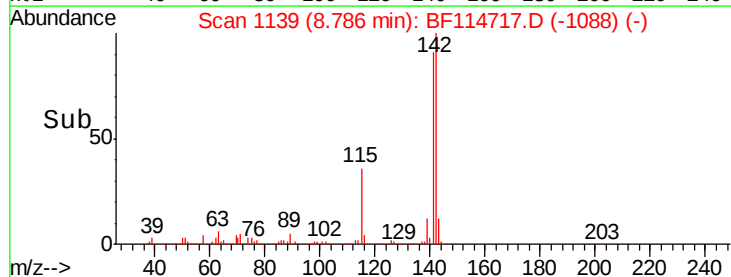
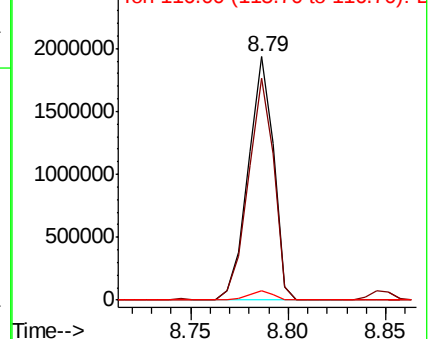


Abundance

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

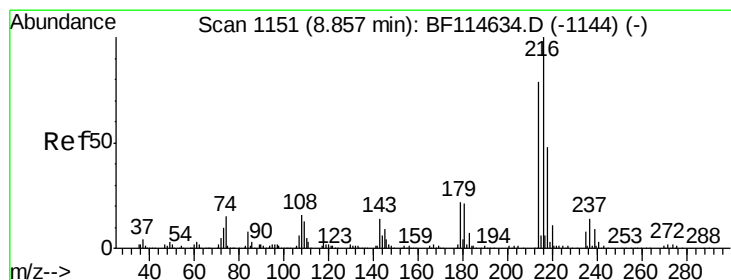
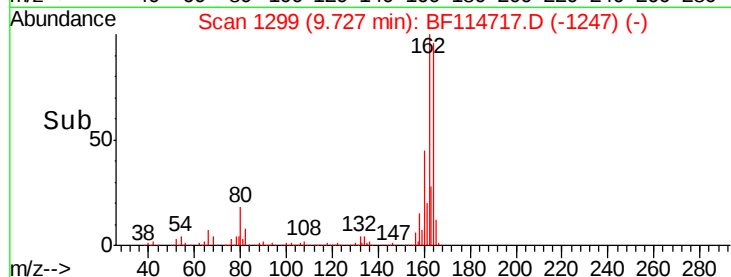
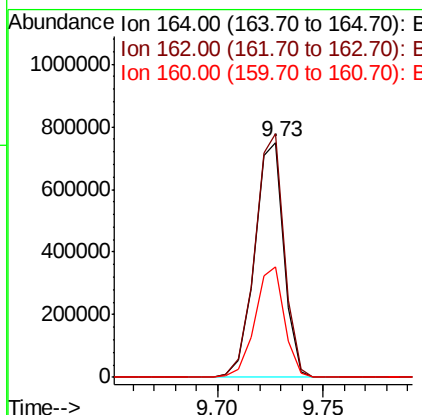
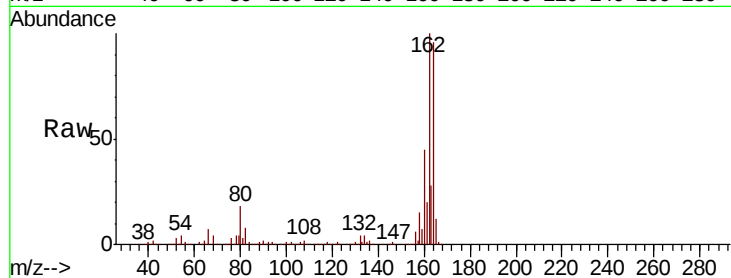




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BF114717.D
Acq: 31 May 2019 20:08

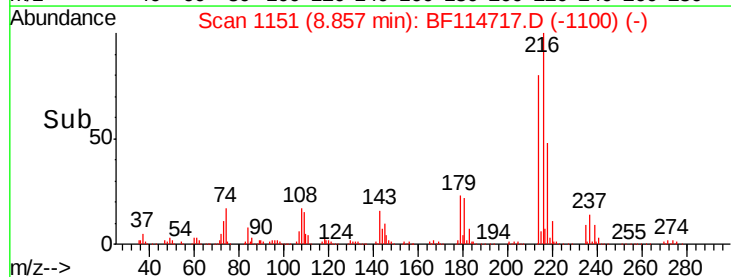
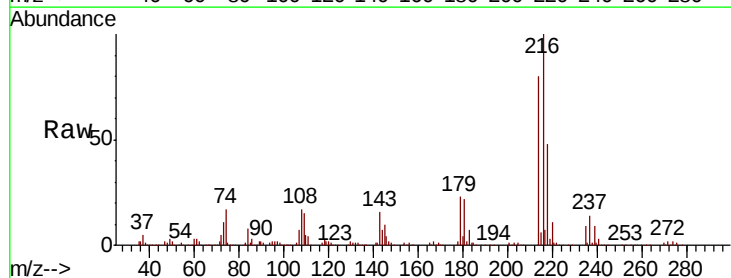
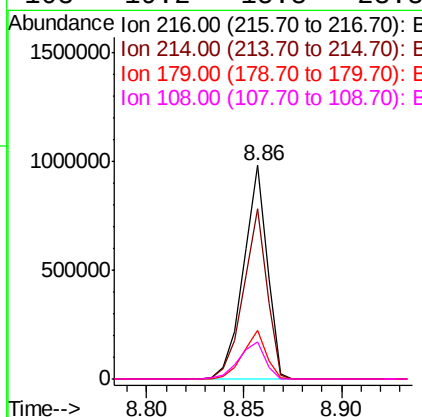
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

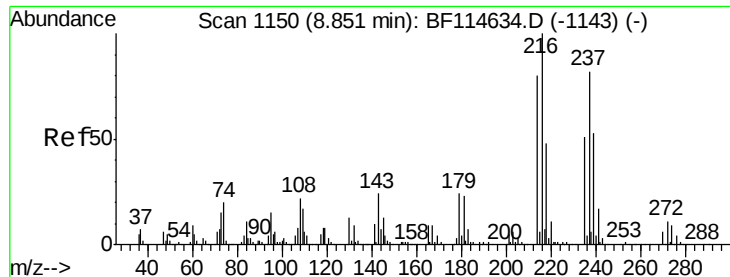
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	81.4	122.2
160	46.8	36.6	54.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.005 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF114717.D
Acq: 31 May 2019 20:08

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.2	94.8
179	22.3	17.9	26.9
108	19.2	15.8	23.8





#41

Hexachlorocyclopentadiene

Concen: 37.990 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF114717.D

Acq: 31 May 2019 20:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

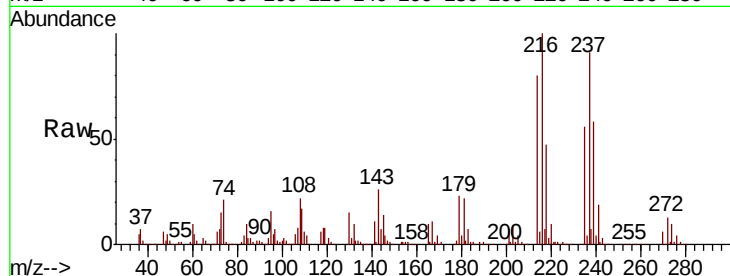
Tot Ion:237 Resp: 482502

Ion Ratio Lower Upper

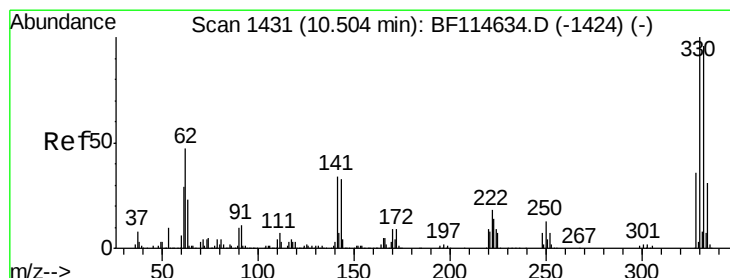
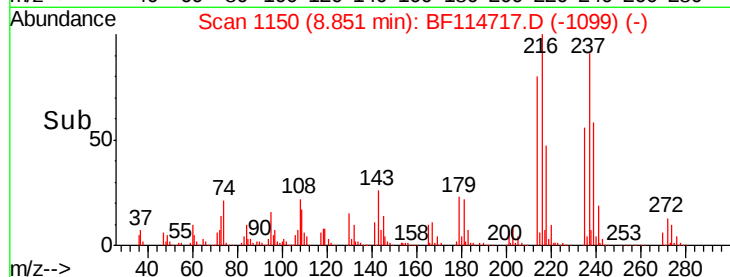
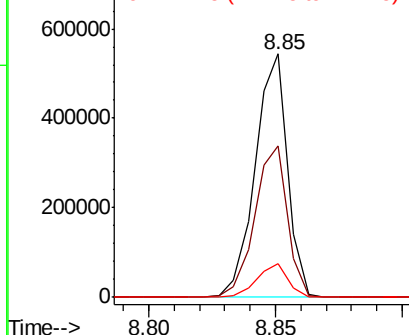
237 100

235 62.0 42.8 82.8

272 13.9 0.0 33.7



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: 84.106 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.01 min

Lab File: BF114717.D

Acq: 31 May 2019 20:08

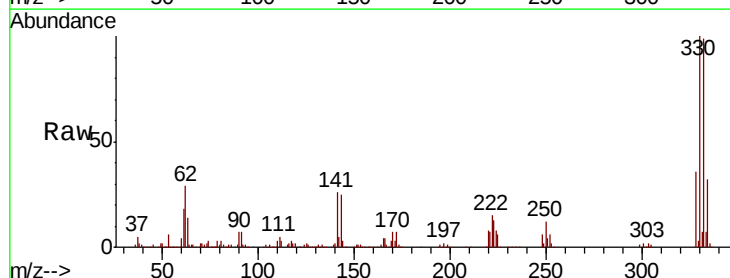
Tgt Ion:330 Resp: 578377

Ion Ratio Lower Upper

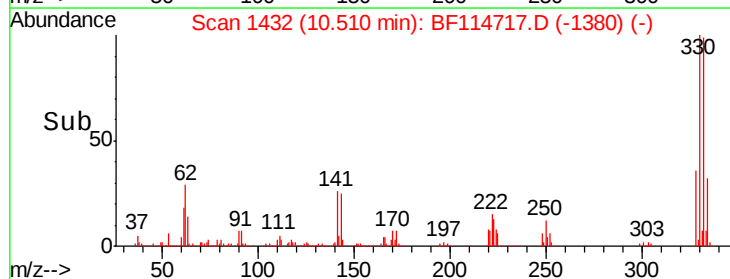
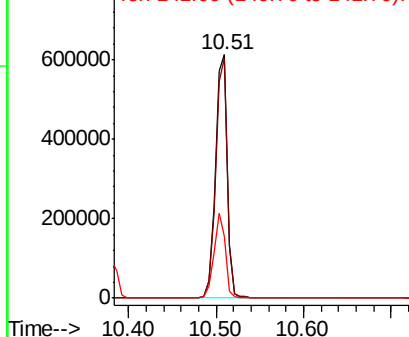
330 100

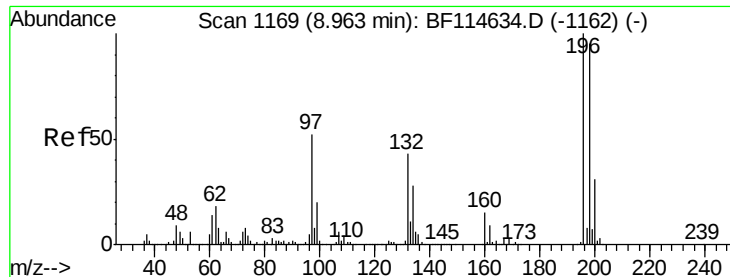
332 96.3 75.8 113.8

141 33.3 27.8 41.8



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

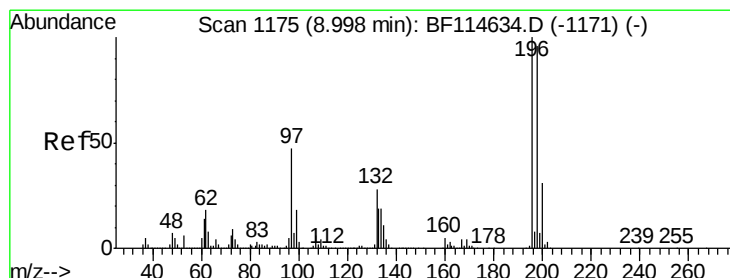
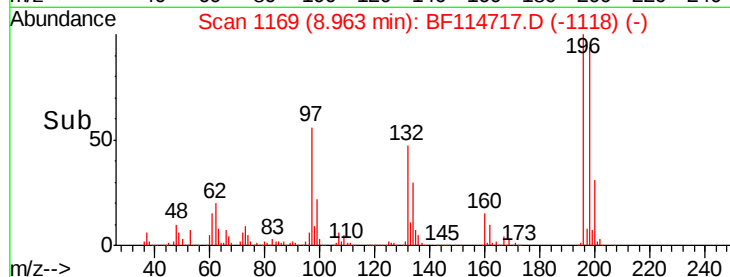
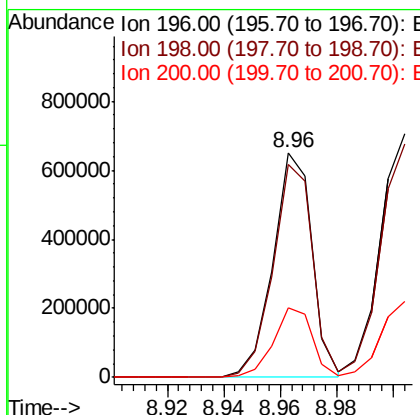
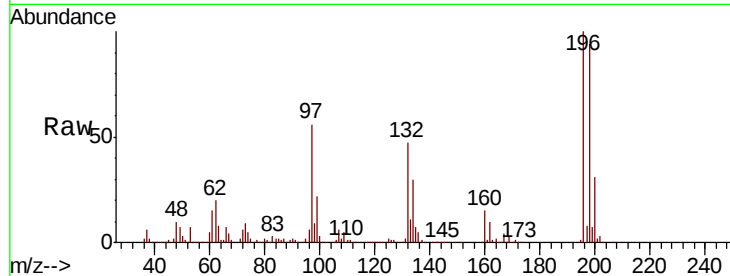




#43
 2,4,6-Trichlorophenol
 Concen: 41.263 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BF114717.D
 Acq: 31 May 2019 20:08

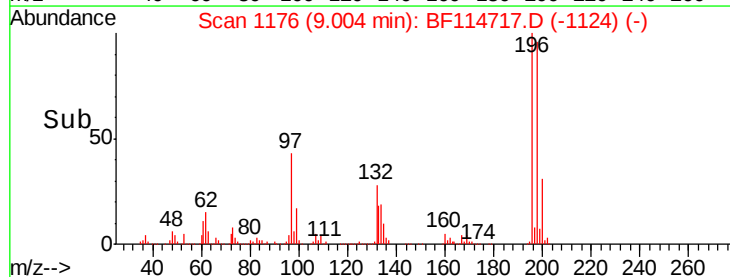
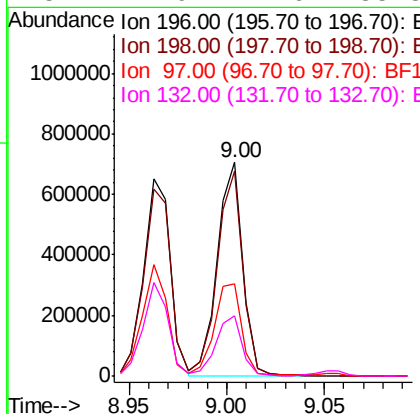
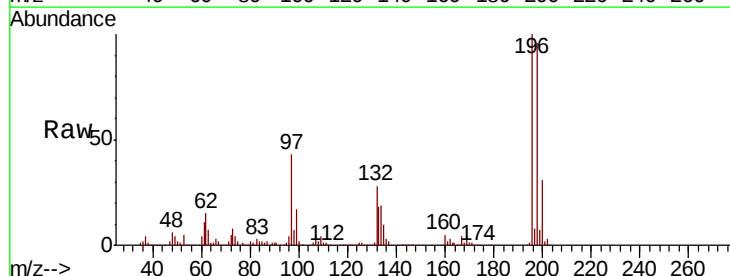
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

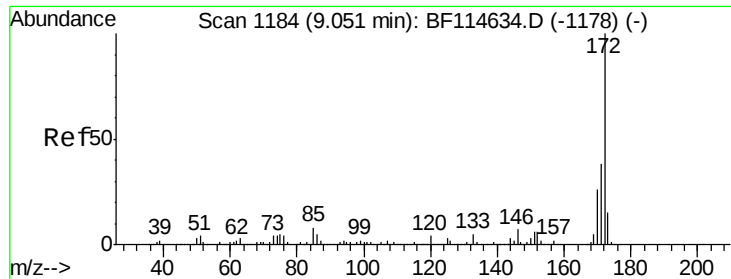
Tot Ion:196 Resp: 624016
 Ion Ratio Lower Upper
 196 100
 198 94.5 76.1 114.1
 200 30.8 24.7 37.1



#44
 2,4,5-Trichlorophenol
 Concen: 42.292 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.01 min
 Lab File: BF114717.D
 Acq: 31 May 2019 20:08

Tgt Ion:196 Resp: 638233
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.8 115.2
 97 43.0 37.8 56.8
 132 27.9 22.6 33.8

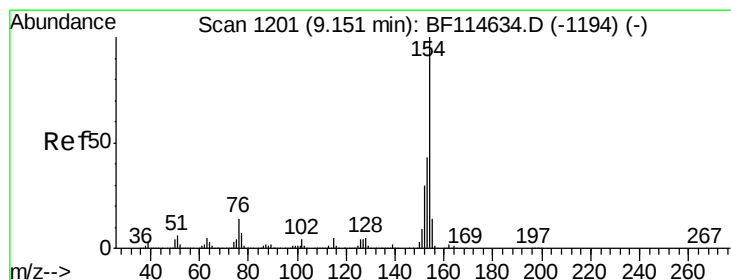
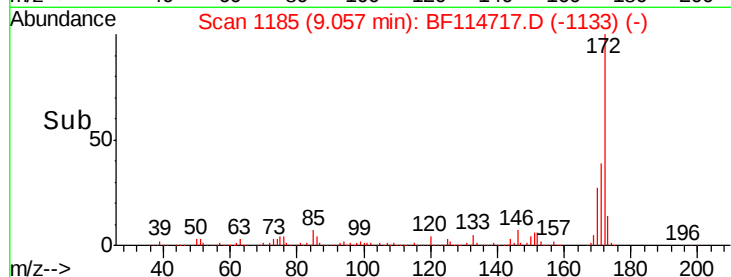
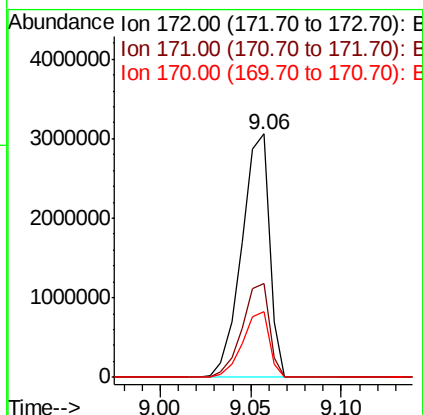
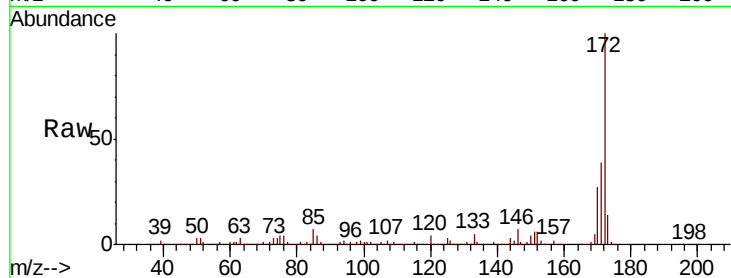




#45
 2-Fluorobiphenyl
 Concen: 84.695 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF114717.D
 Acq: 31 May 2019 20:08

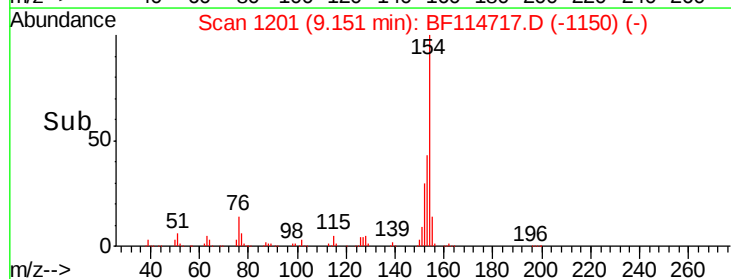
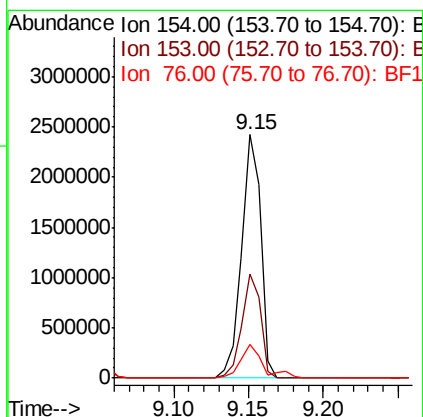
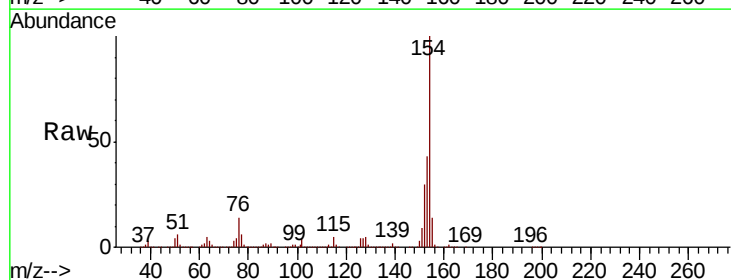
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:172 Resp: 3256163
 Ion Ratio Lower Upper
 172 100
 171 38.7 30.6 45.8
 170 27.0 20.7 31.1



#46
 1,1'-Biphenyl
 Concen: 40.444 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF114717.D
 Acq: 31 May 2019 20:08

Tgt Ion:154 Resp: 2166713
 Ion Ratio Lower Upper
 154 100
 153 42.6 23.0 63.0
 76 13.8 0.0 33.9



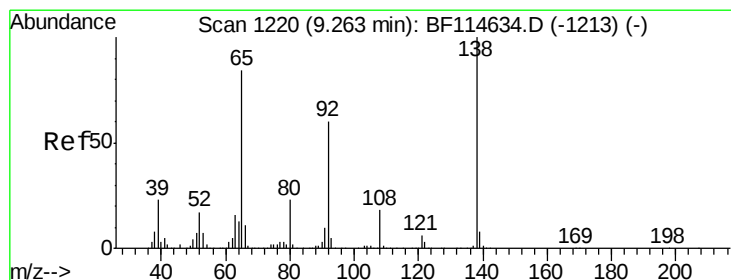
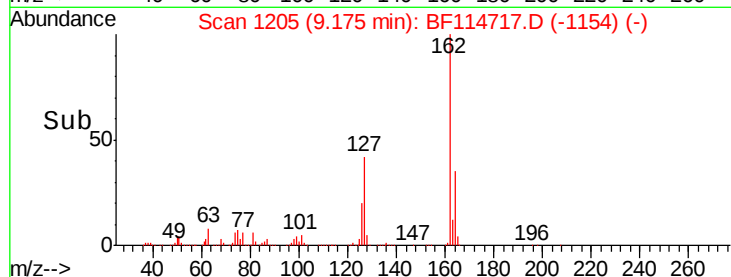
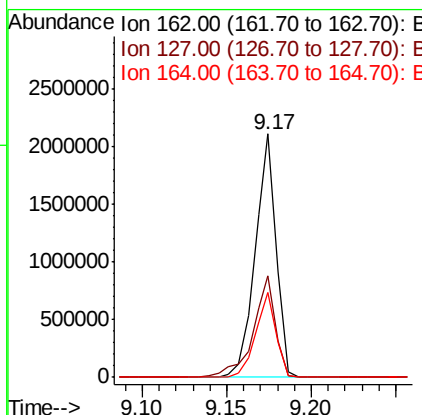
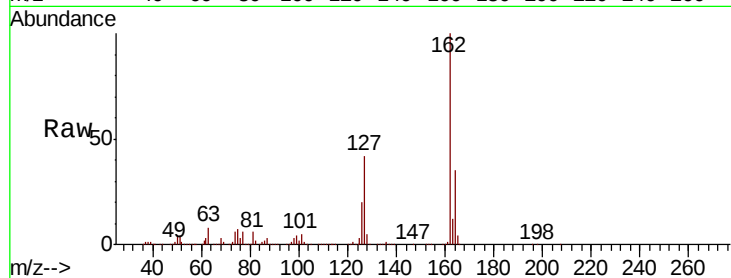


#47
 2-Chloronaphthalene
 Concen: 41.528 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF114717.D
 Acq: 31 May 2019 20:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 1824977

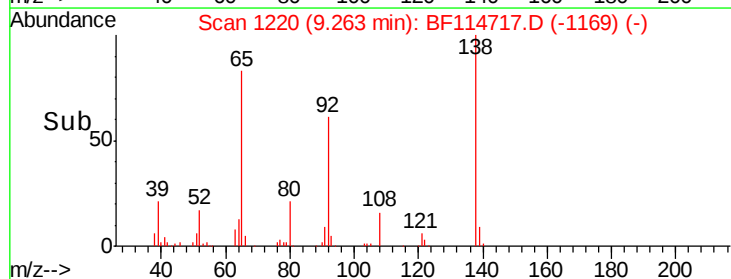
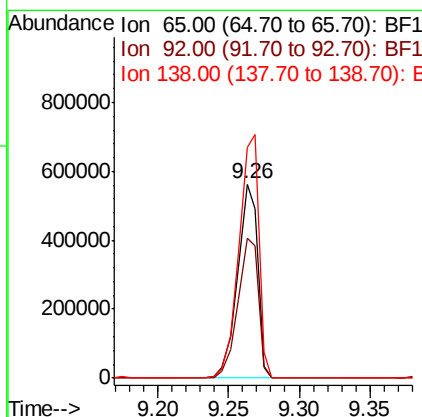
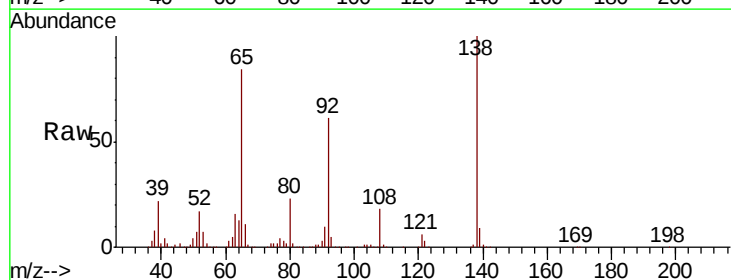
Ion	Ratio	Lower	Upper
162	100		
127	41.5	32.2	48.2
164	34.6	27.8	41.6

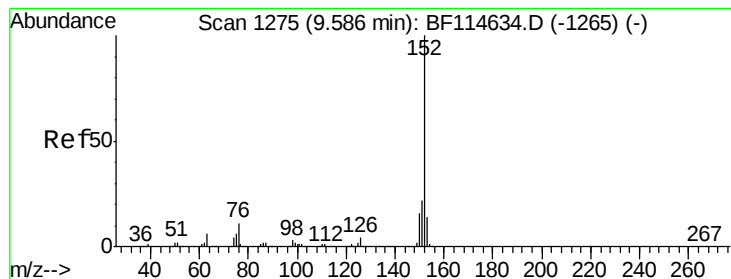


#48
 2-Nitroaniline
 Concen: 40.899 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF114717.D
 Acq: 31 May 2019 20:08

Tgt Ion: 65 Resp: 554644

Ion	Ratio	Lower	Upper
65	100		
92	72.1	57.1	85.7
138	119.0	95.8	143.6





#49

Acenaphthylene

Concen: 39.334 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.00 min

Lab File: BF114717.D

Acq: 31 May 2019 20:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

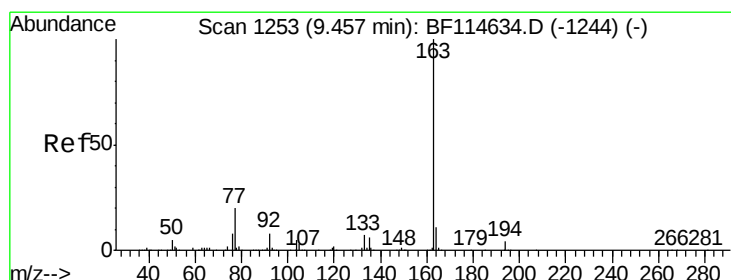
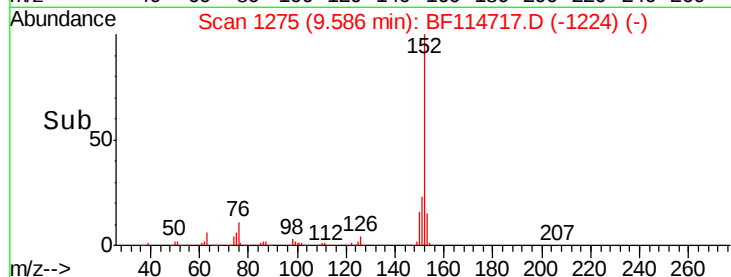
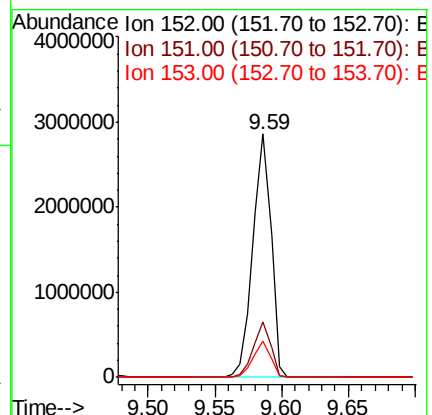
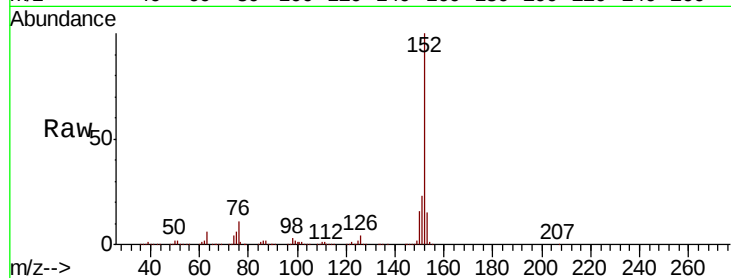
Tot Ion:152 Resp: 2670446

Ion Ratio Lower Upper

152 100

151 22.8 17.5 26.3

153 14.9 11.6 17.4



#50

Dimethylphthalate

Concen: 41.249 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.00 min

Lab File: BF114717.D

Acq: 31 May 2019 20:08

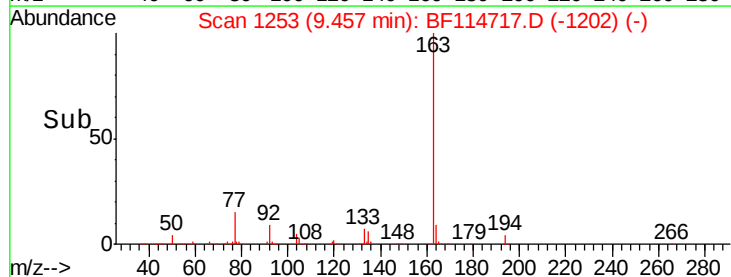
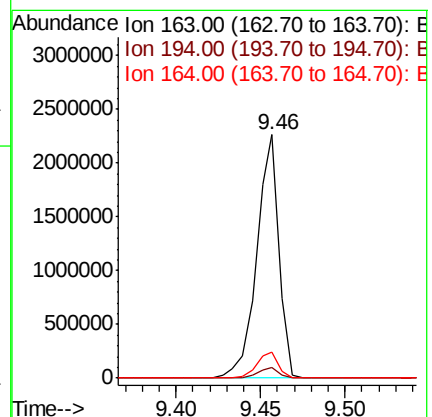
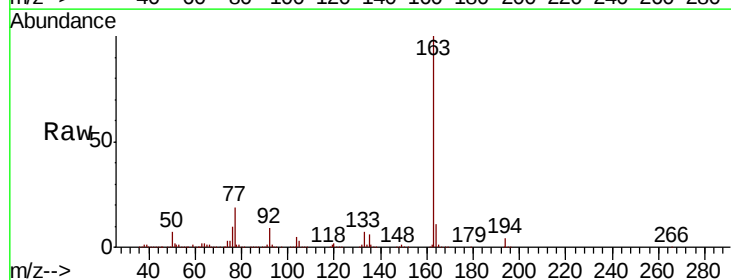
Tgt Ion:163 Resp: 2074393

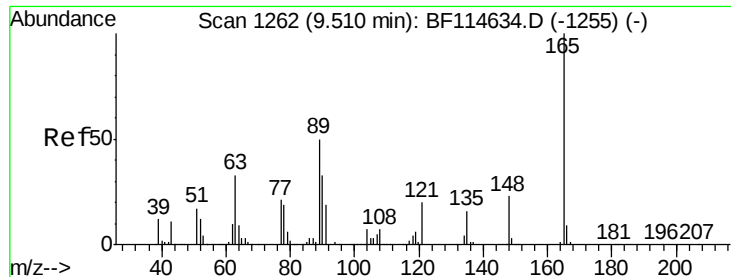
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

164 10.6 8.6 13.0

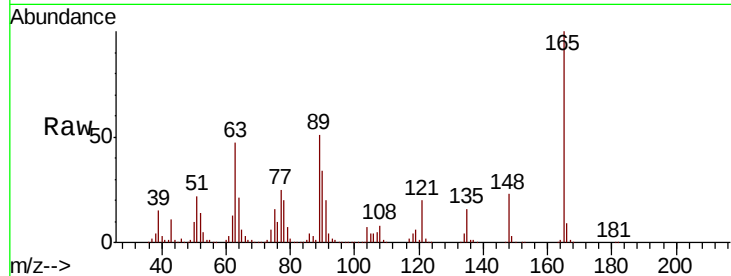




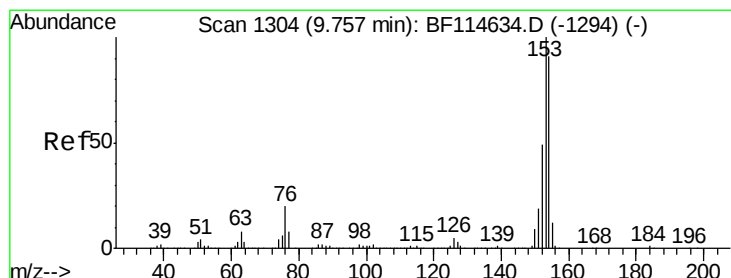
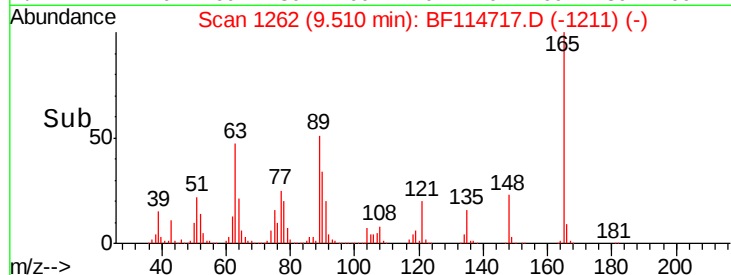
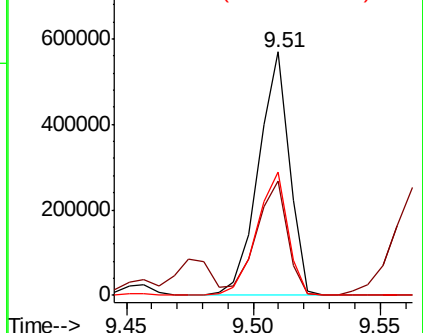
#51
2,6-Dinitrotoluene
Concen: 41.624 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BF114717.D
Acq: 31 May 2019 20:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:165 Resp: 486401
Ion Ratio Lower Upper
165 100
63 46.7 36.6 54.8
89 50.5 40.2 60.4

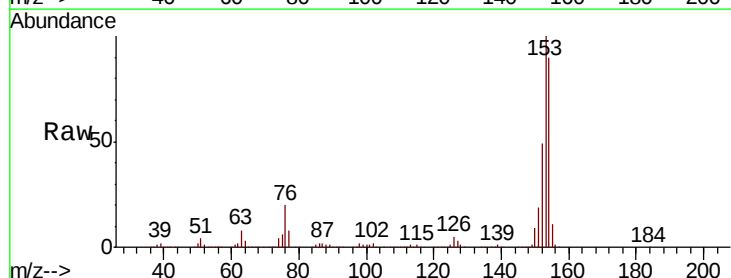


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

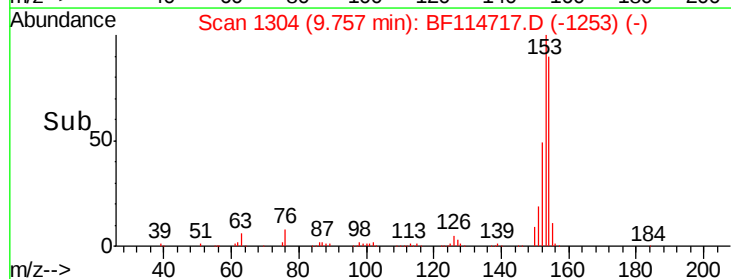
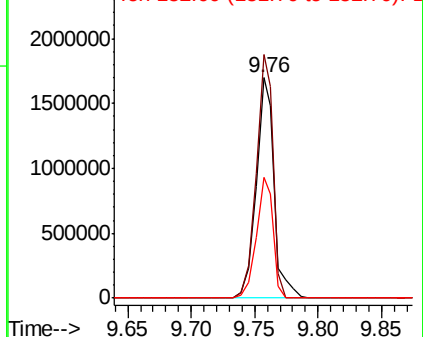


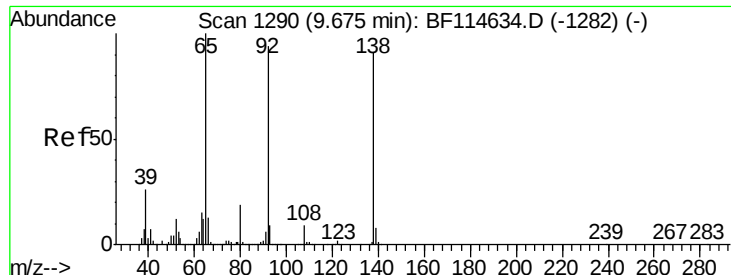
#52
Acenaphthene
Concen: 40.617 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF114717.D
Acq: 31 May 2019 20:08

Tgt Ion:154 Resp: 1691128
Ion Ratio Lower Upper
154 100
153 110.7 88.4 132.6
152 54.7 43.4 65.0



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

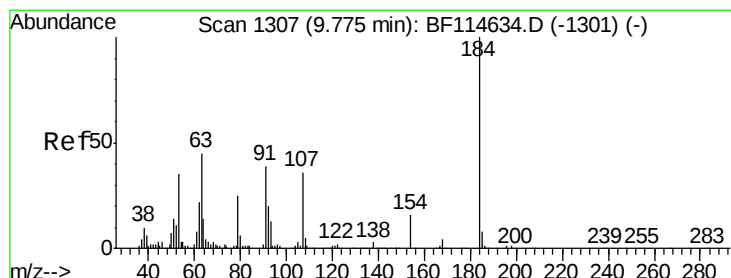
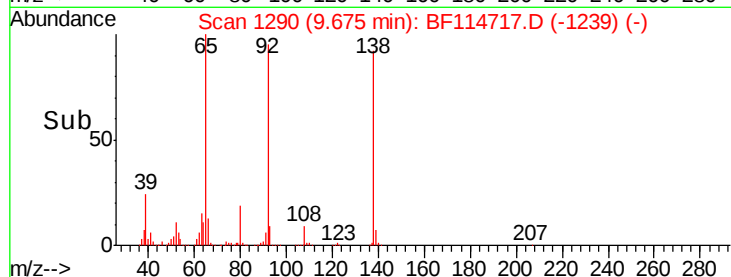
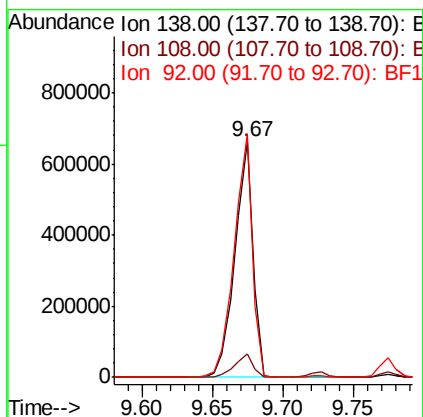
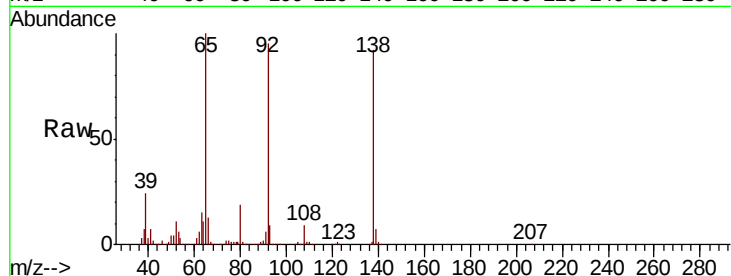




#53
3-Nitroaniline
Concen: 41.336 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BF114717.D
Acq: 31 May 2019 20:08

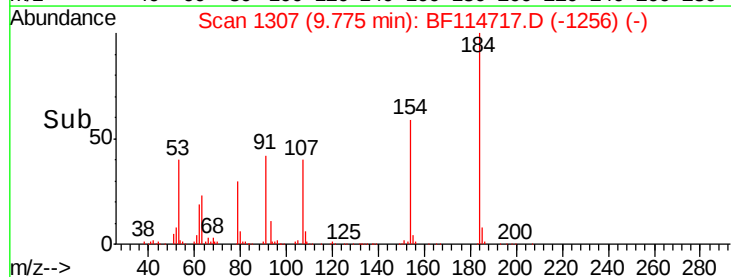
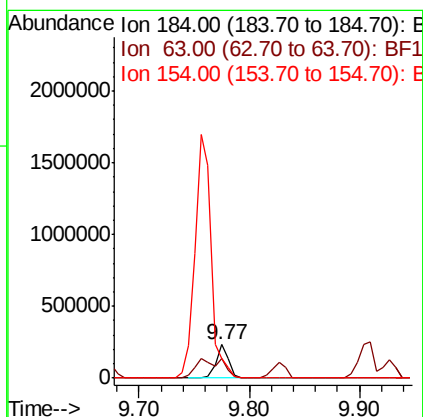
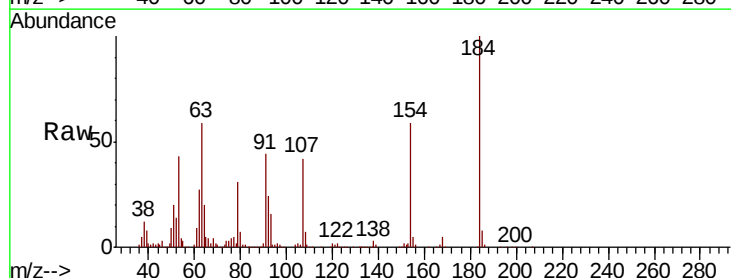
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

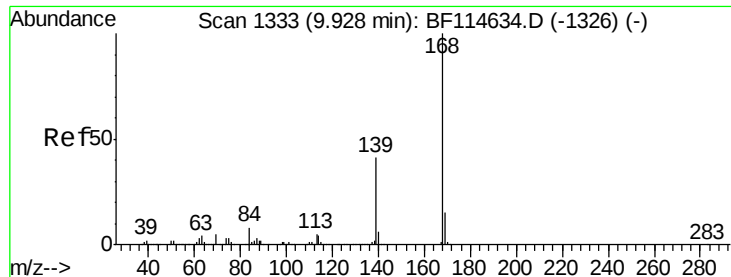
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.3	12.5
92	103.3	83.1	124.7



#54
2,4-Dinitrophenol
Concen: 39.501 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BF114717.D
Acq: 31 May 2019 20:08

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.7	38.8	58.2#
154	59.3	43.7	65.5

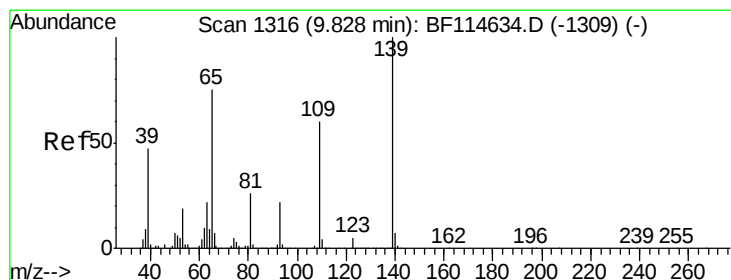
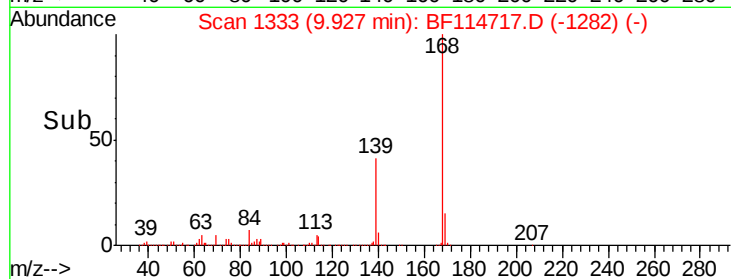
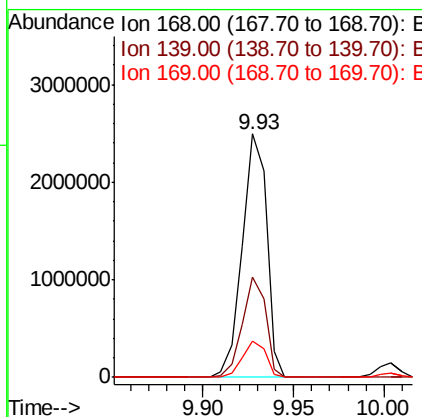
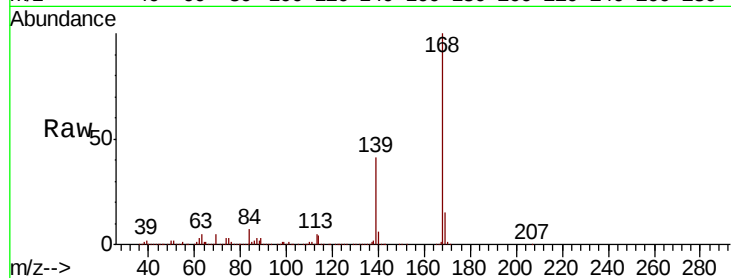




#55
Dibenzofuran
Concen: 39.466 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF114717.D
Acq: 31 May 2019 20:08

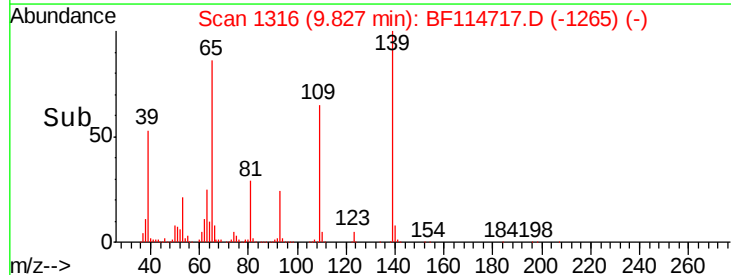
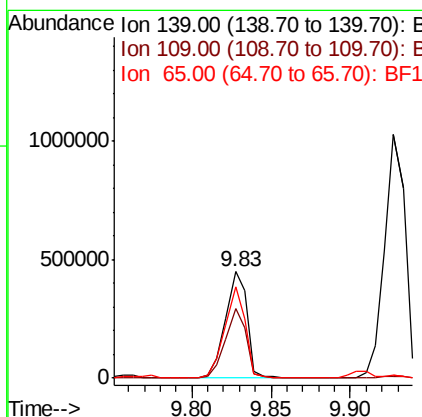
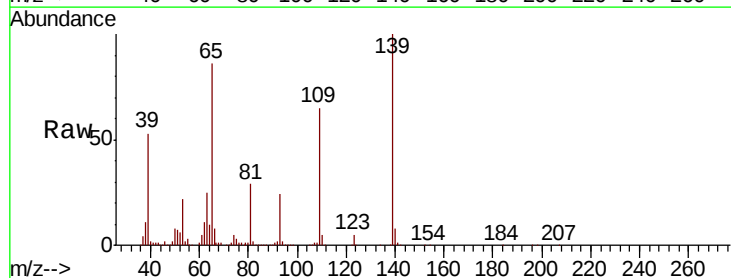
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

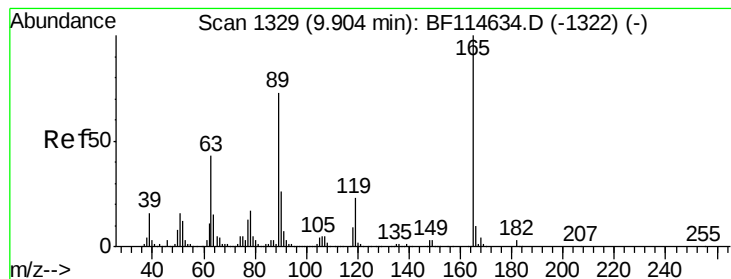
Tot Ion:168 Resp: 2339037
Ion Ratio Lower Upper
168 100
139 41.2 32.6 48.8
169 14.9 11.8 17.8



#56
4-Nitrophenol
Concen: 40.478 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF114717.D
Acq: 31 May 2019 20:08

Tgt Ion:139 Resp: 429010
Ion Ratio Lower Upper
139 100
109 65.1 40.4 80.4
65 86.2 54.7 94.7





#57

2,4-Dinitrotoluene

Concen: 42.144 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF114717.D

Acq: 31 May 2019 20:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 632038

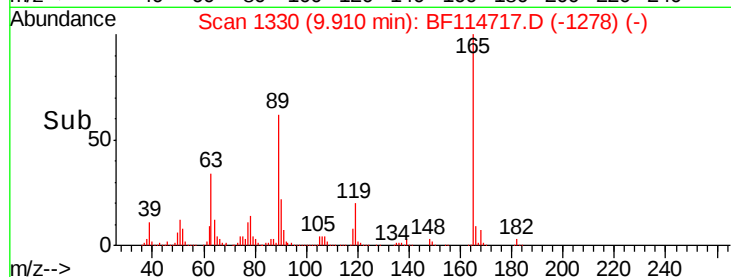
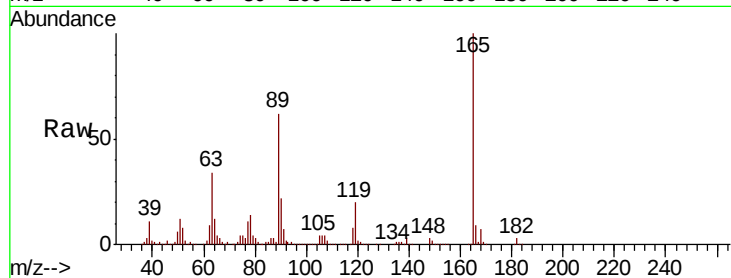
Ion Ratio Lower Upper

165 100

63 33.7 34.8 52.2#

89 61.9 58.5 87.7

182 2.7 2.2 3.2

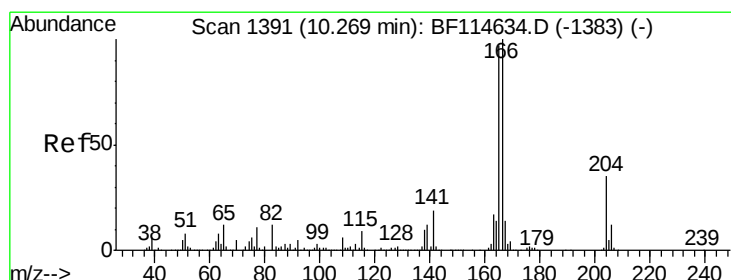
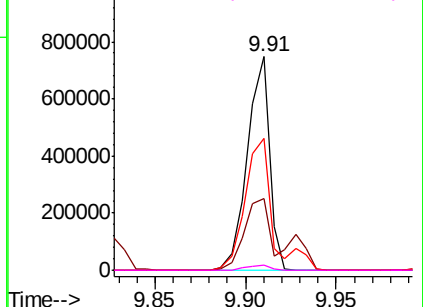


Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.765 ng

RT: 10.27 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BF114717.D

Acq: 31 May 2019 20:08

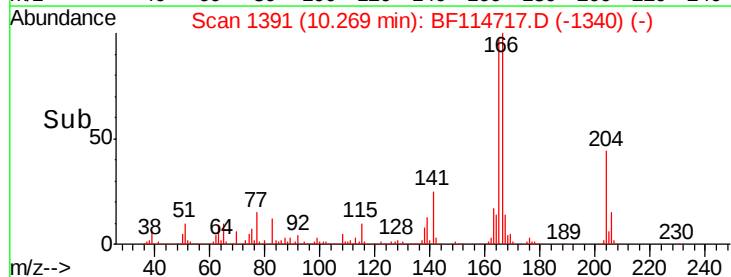
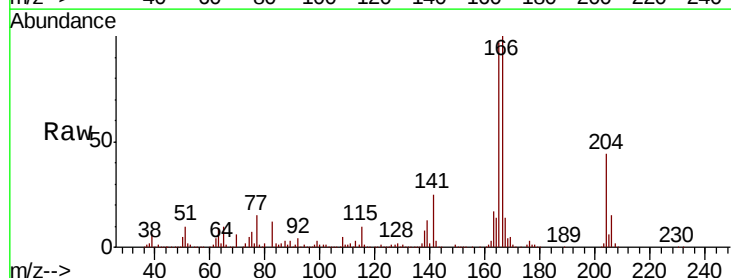
Tgt Ion:166 Resp: 1639000

Ion Ratio Lower Upper

166 100

165 97.2 77.6 116.4

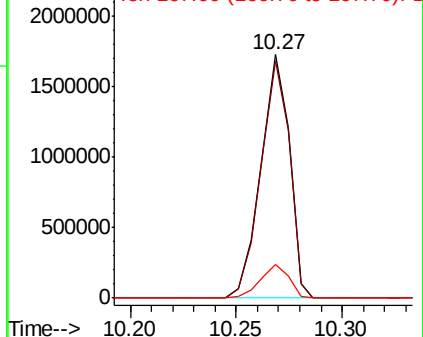
167 14.0 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

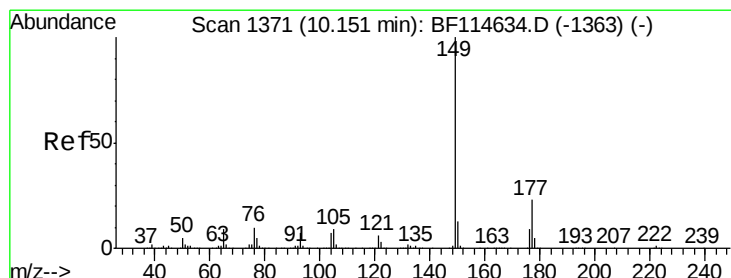
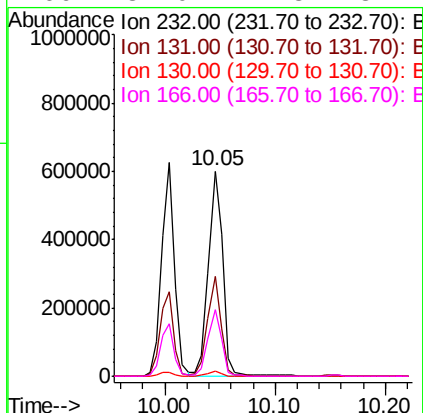
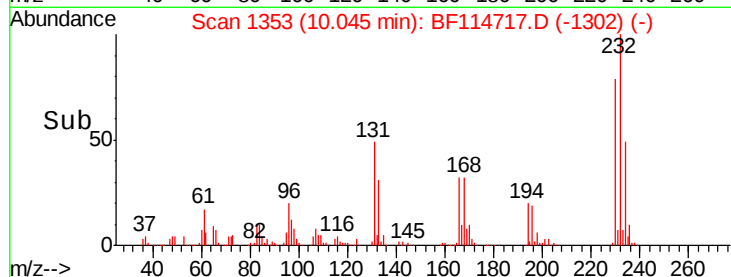
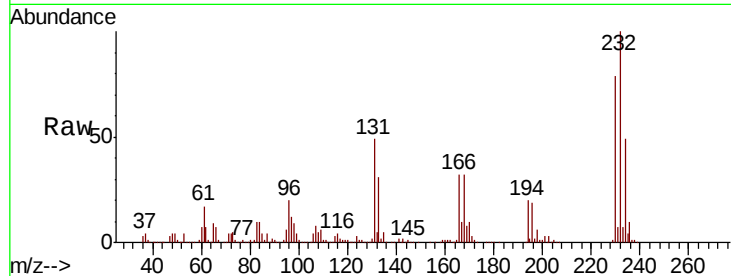




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.221 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF114717.D
Acq: 31 May 2019 20:08

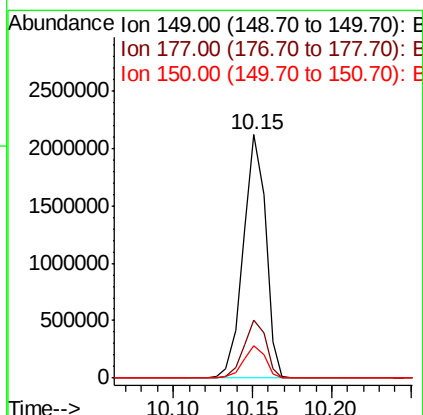
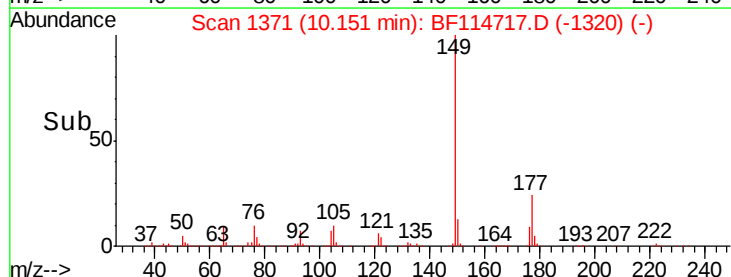
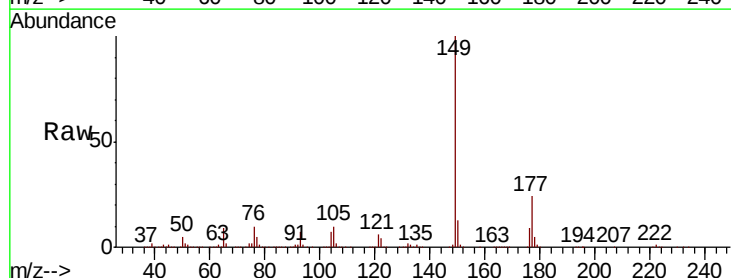
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

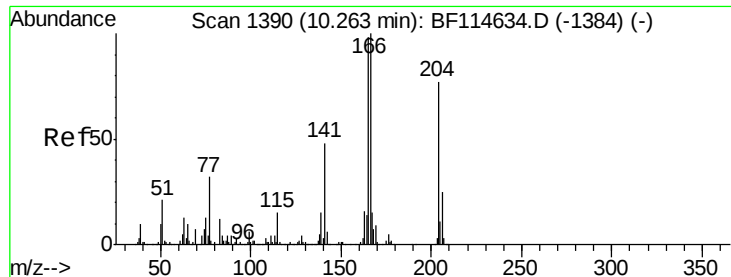
Tot Ion:	232	Resp:	521530
Ion	Ratio	Lower	Upper
232	100		
131	45.9	37.2	55.8
130	2.2	1.8	2.8
166	31.0	24.8	37.2



#60
Diethylphthalate
Concen: 40.363 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BF114717.D
Acq: 31 May 2019 20:08

Tgt Ion:	149	Resp:	2073188
Ion	Ratio	Lower	Upper
149	100		
177	24.1	18.6	28.0
150	13.5	10.6	15.8

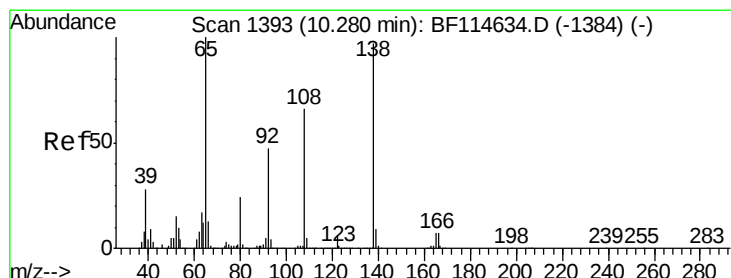
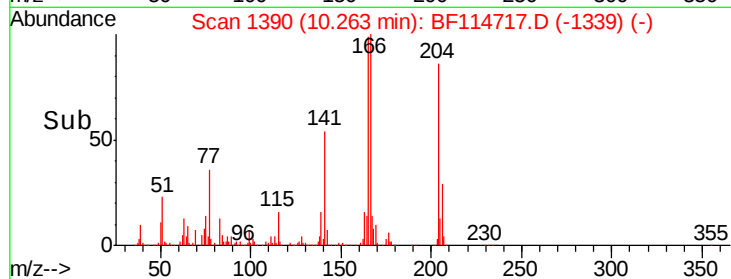
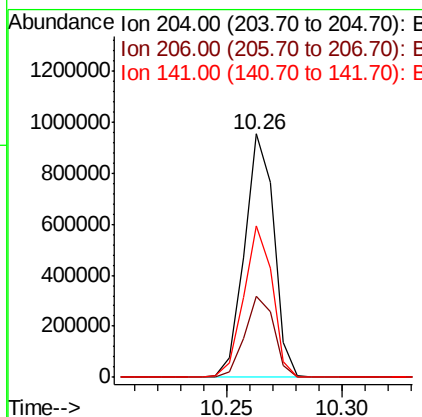
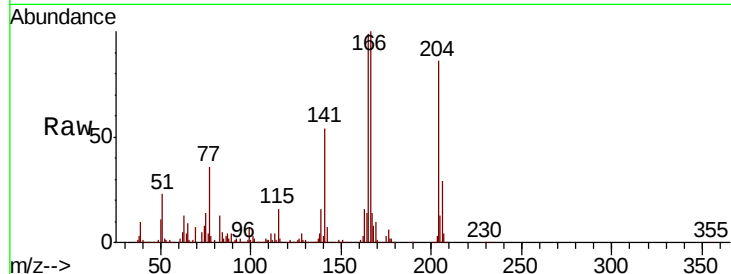




#61
 4-Chlorophenyl-phenylether
 Concen: 42.497 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: BF114717.D
 Acq: 31 May 2019 20:08

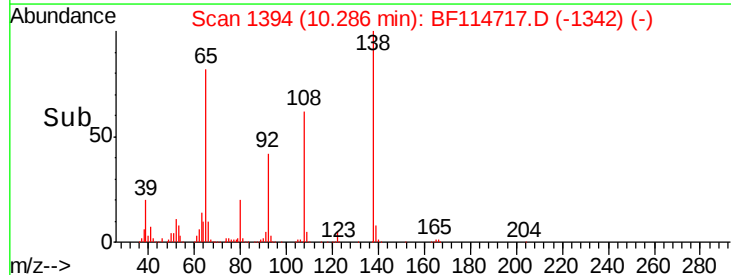
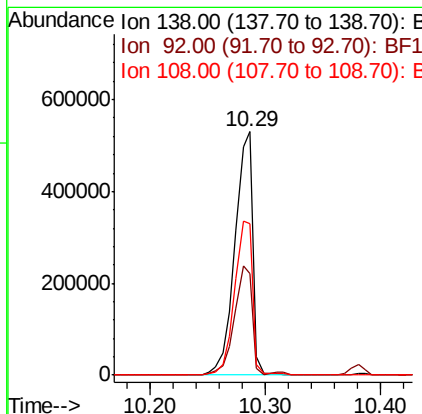
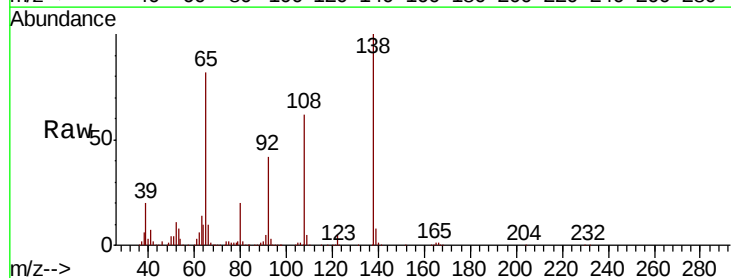
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

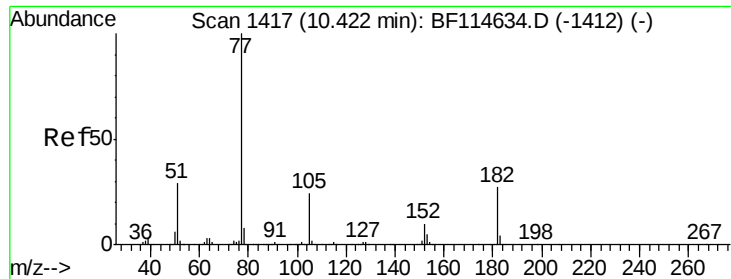
Tot Ion:	204	Resp:	852681
Ion Ratio	Lower	Upper	
204	100		
206	33.2	26.4	39.6
141	62.4	50.0	75.0



#62
 4-Nitroaniline
 Concen: 40.831 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. 0.01 min
 Lab File: BF114717.D
 Acq: 31 May 2019 20:08

Tgt Ion:	138	Resp:	569035
Ion Ratio	Lower	Upper	
138	100		
92	41.8	28.0	68.0
108	62.0	48.4	88.4





#63

Azobenzene

Concen: 38.801 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.00 min

Lab File: BF114717.D

Acq: 31 May 2019 20:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1829740

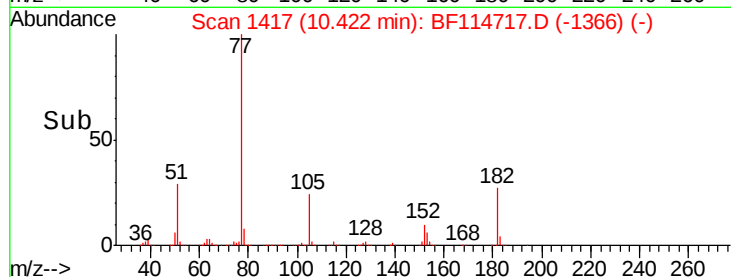
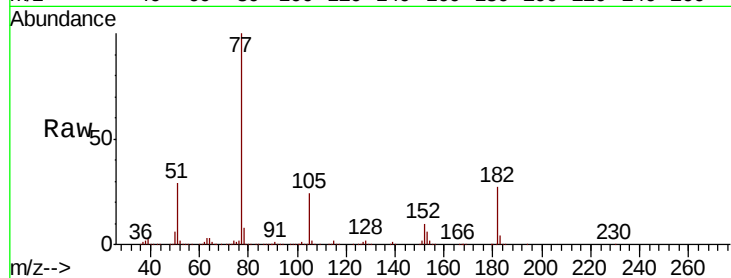
Ion Ratio Lower Upper

77 100

182 27.0 7.0 47.0

105 23.7 3.7 43.7

51 28.5 9.1 49.1

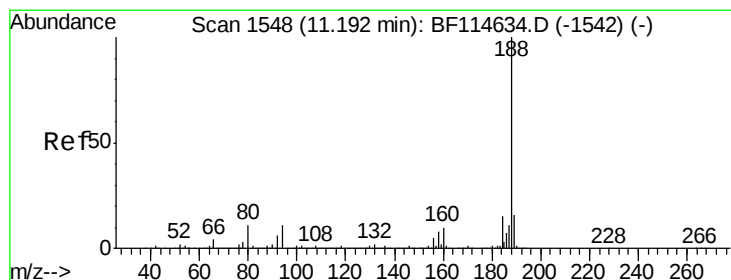
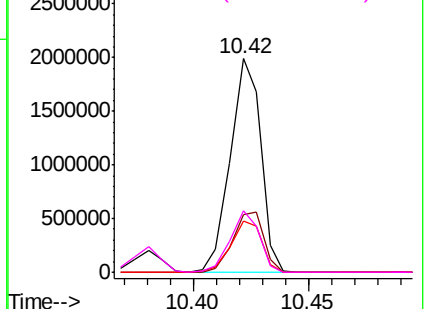


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.20 min Scan# 1549

Delta R.T. 0.01 min

Lab File: BF114717.D

Acq: 31 May 2019 20:08

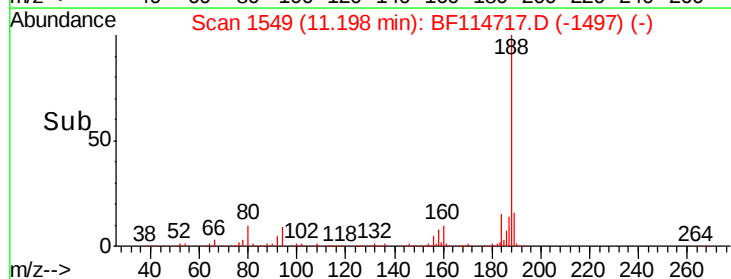
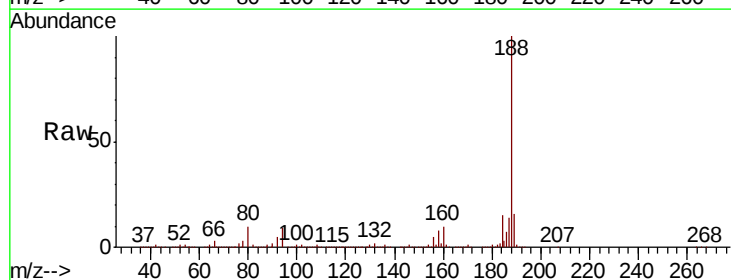
Tgt Ion: 188 Resp: 1353244

Ion Ratio Lower Upper

188 100

94 9.1 8.6 13.0

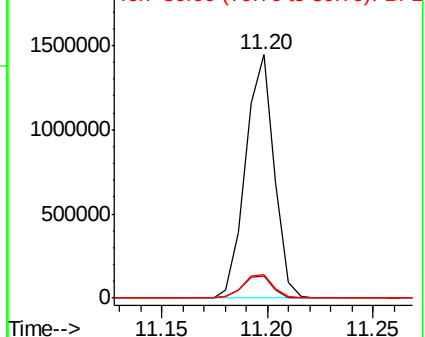
80 9.8 9.0 13.6

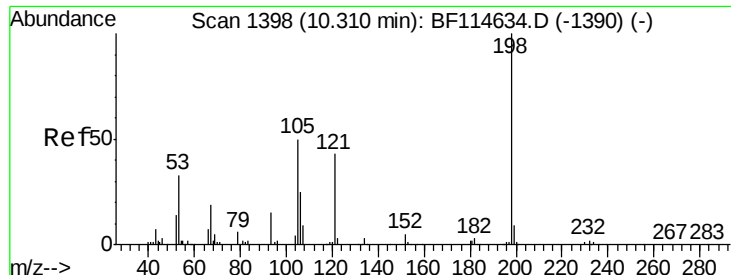


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

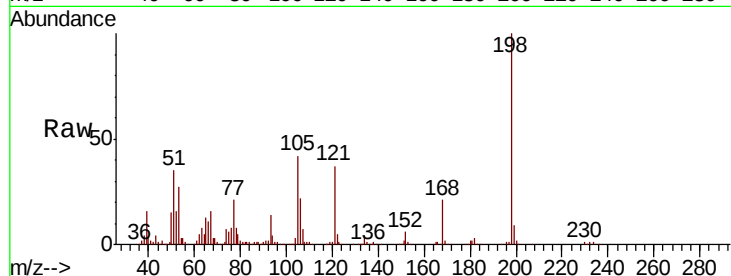




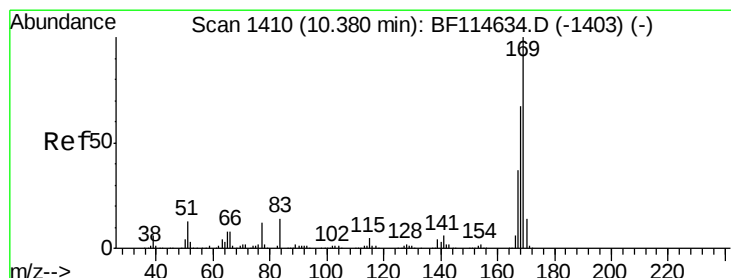
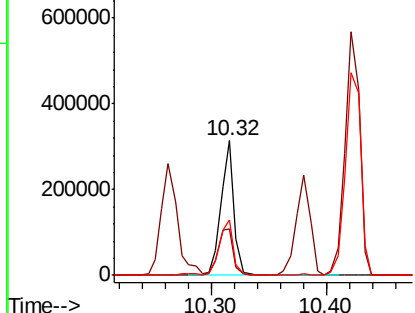
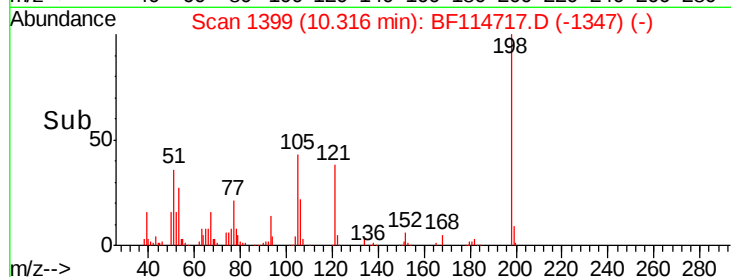
#65
4,6-Dinitro-2-methylphenol
Concen: 40.583 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF114717.D
Acq: 31 May 2019 20:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:198 Resp: 243516
Ion Ratio Lower Upper
198 100
51 34.8 29.0 69.0
105 41.8 30.4 70.4

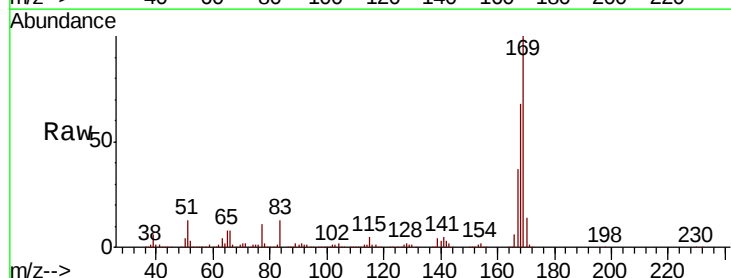


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

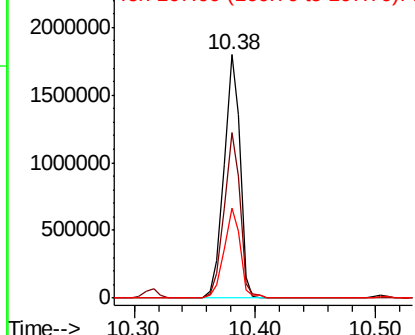
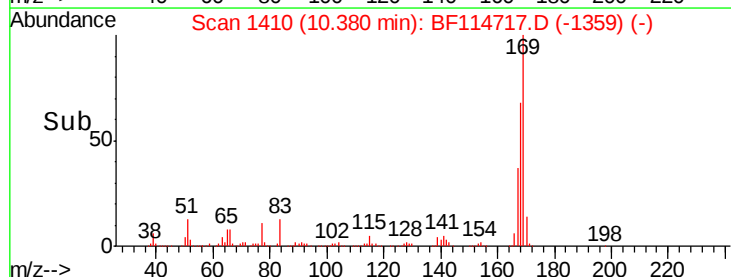


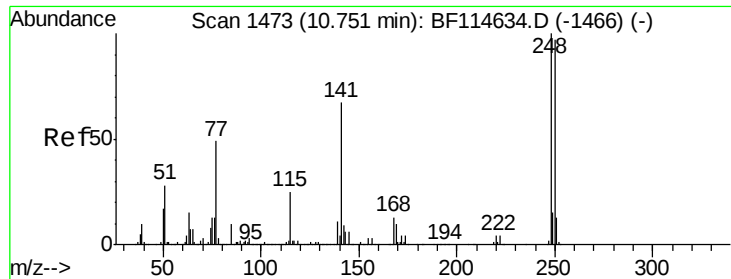
#66
n-Nitrosodiphenylamine
Concen: 40.972 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF114717.D
Acq: 31 May 2019 20:08

Tgt Ion:169 Resp: 1638156
Ion Ratio Lower Upper
169 100
168 67.9 53.8 80.8
167 37.1 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

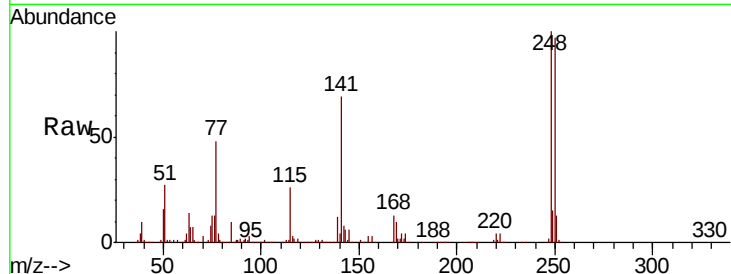




#67
 4-Bromophenyl-phenylether
 Concen: 41.807 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.00 min
 Lab File: BF114717.D
 Acq: 31 May 2019 20:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	78.0	117.0
141	69.1	53.8	80.8

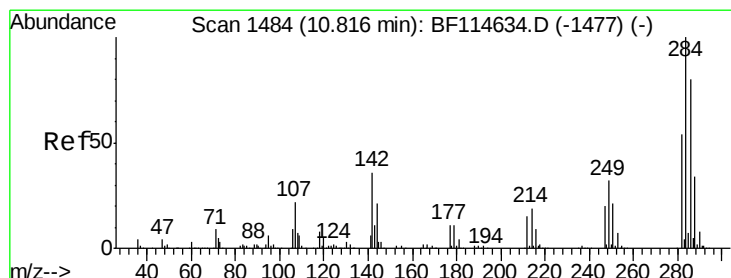
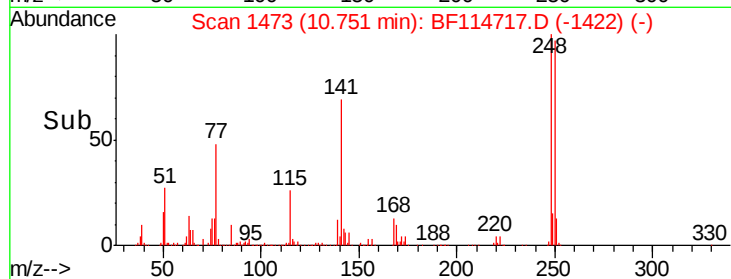
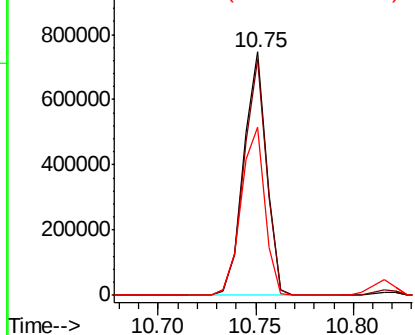


Abundance

Ion 248.00 (247.70 to 248.70): E

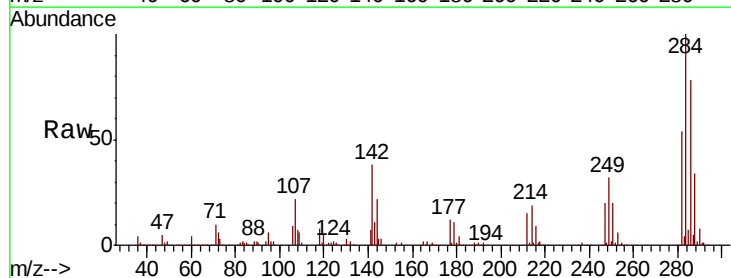
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 41.306 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: BF114717.D
 Acq: 31 May 2019 20:08

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.5	28.9	43.3
249	31.7	25.8	38.6

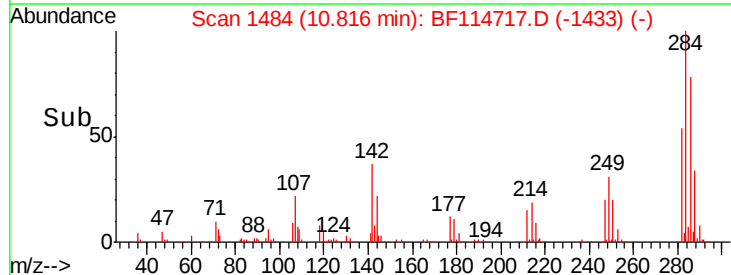
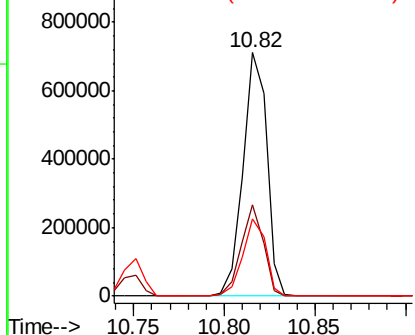


Abundance

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: 40.782 ng

RT: 10.91 min Scan# 1500

Delta R.T. 0.00 min

Lab File: BF114717.D

Acq: 31 May 2019 20:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

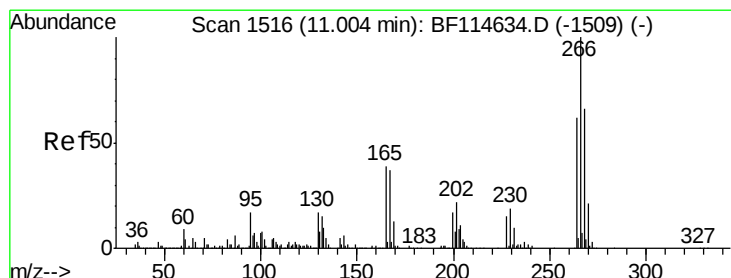
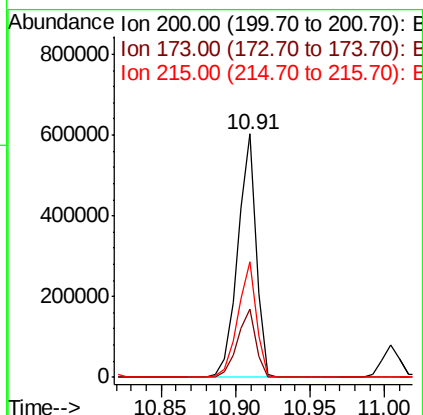
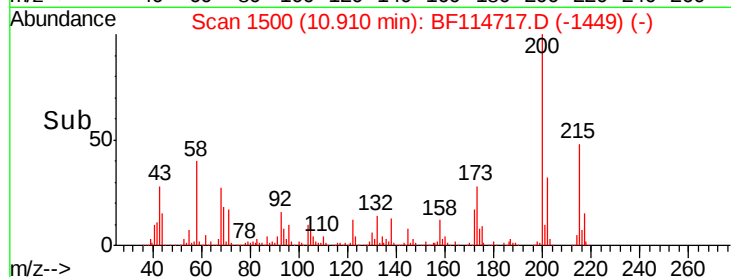
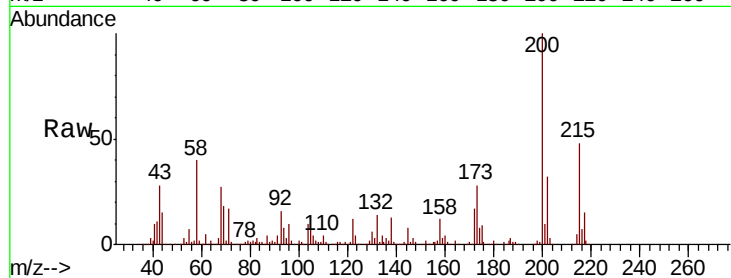
Tot Ion:200 Resp: 520873

Ion Ratio Lower Upper

200 100

173 28.2 7.9 47.9

215 47.7 27.8 67.8



#70

Pentachlorophenol

Concen: 42.038 ng

RT: 11.00 min Scan# 1516

Delta R.T. -0.00 min

Lab File: BF114717.D

Acq: 31 May 2019 20:08

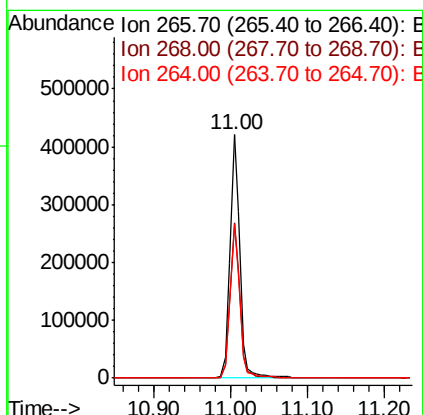
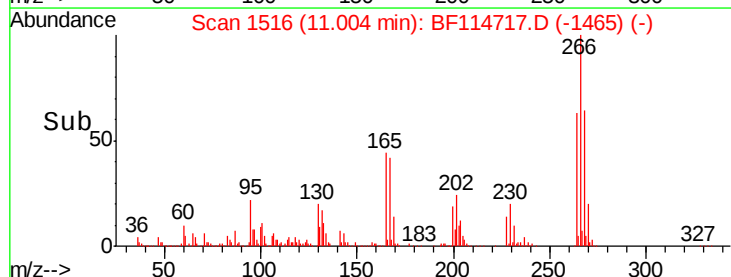
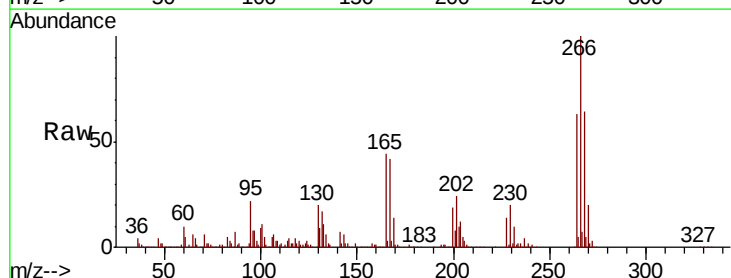
Tgt Ion:266 Resp: 380886

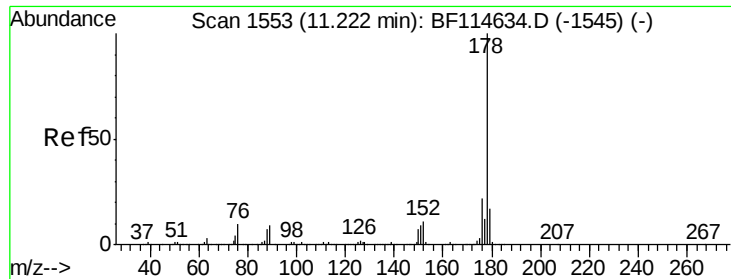
Ion Ratio Lower Upper

266 100

268 63.9 52.8 79.2

264 63.4 49.9 74.9

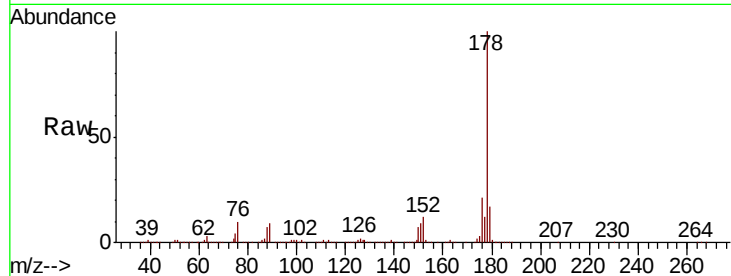




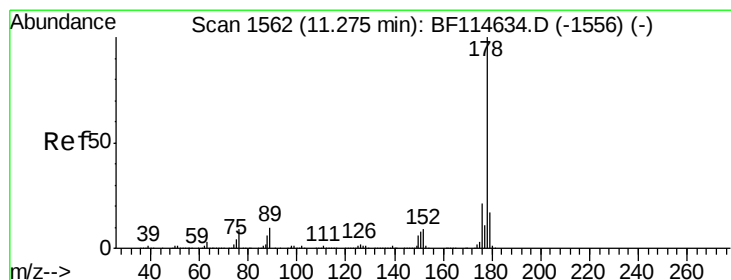
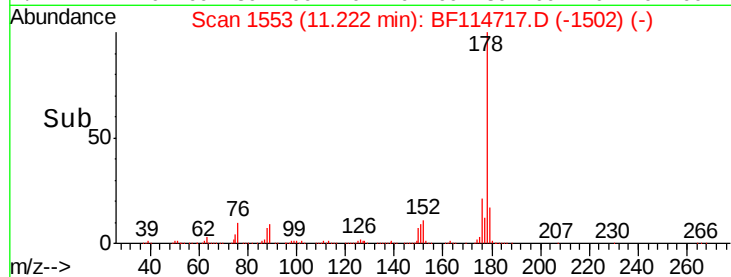
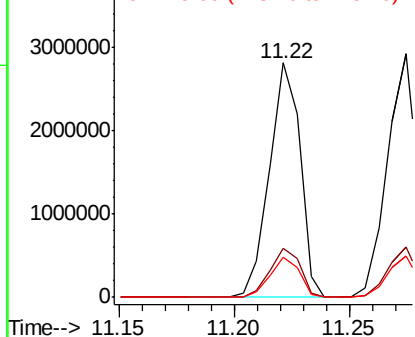
#71
Phenanthrene
Concen: 37.720 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BF114717.D
Acq: 31 May 2019 20:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 2603871
Ion Ratio Lower Upper
178 100
176 21.2 17.2 25.8
179 17.1 13.9 20.9

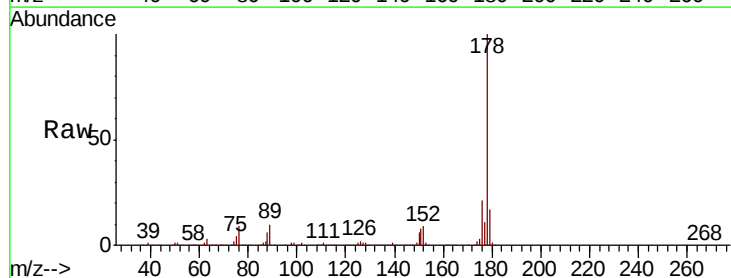


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

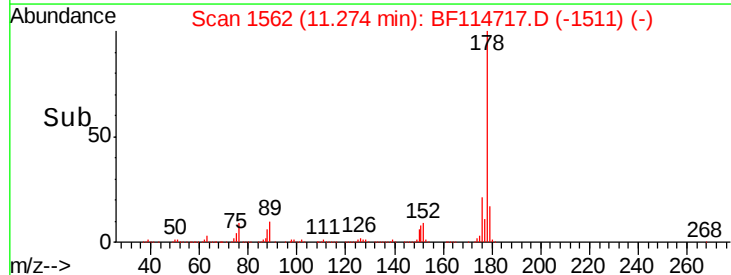
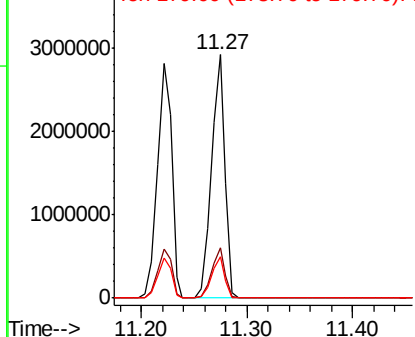


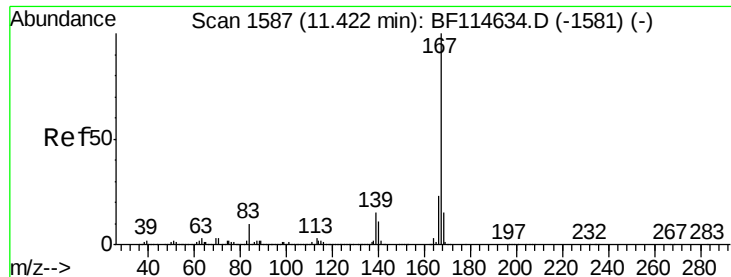
#72
Anthracene
Concen: 37.660 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF114717.D
Acq: 31 May 2019 20:08

Tgt Ion:178 Resp: 2631149
Ion Ratio Lower Upper
178 100
176 20.9 16.6 24.8
179 17.1 13.4 20.0



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



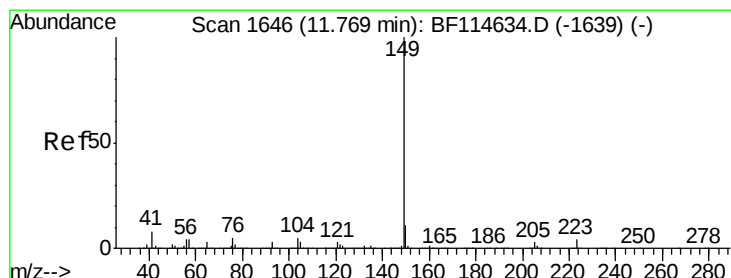
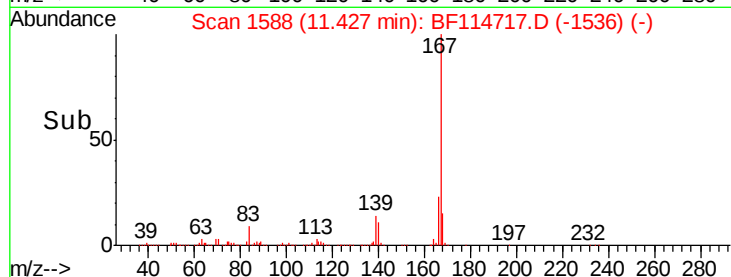
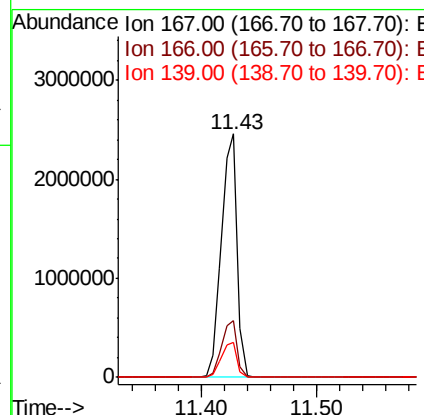
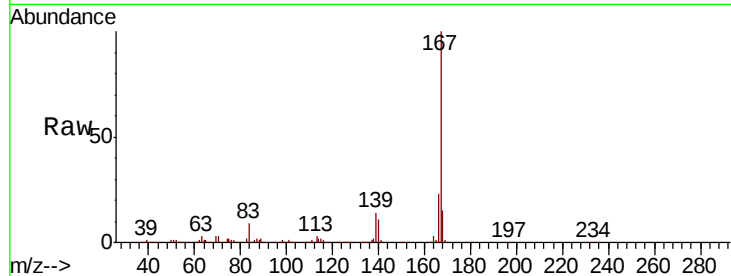


#73
 Carbazole
 Concen: 37.829 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.01 min
 Lab File: BF114717.D
 Acq: 31 May 2019 20:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 2322799

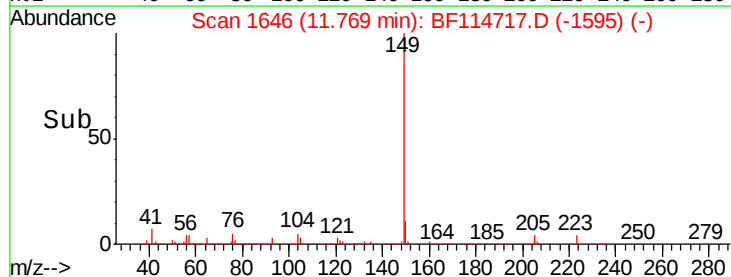
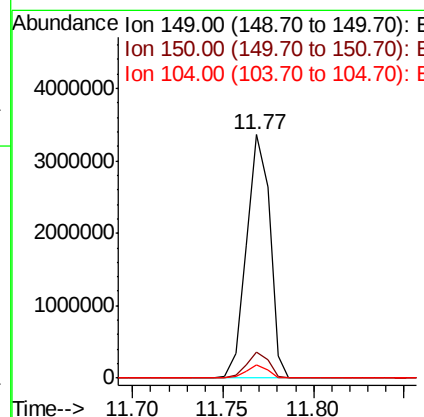
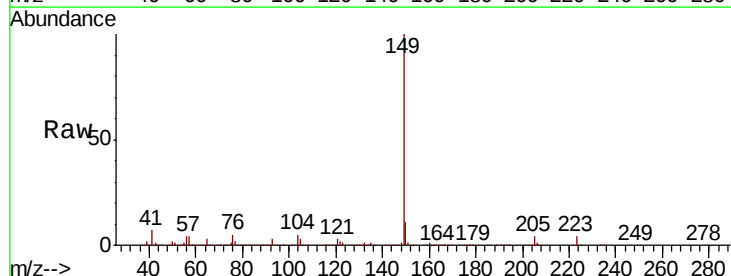
Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.7	28.1
139	14.2	11.8	17.8

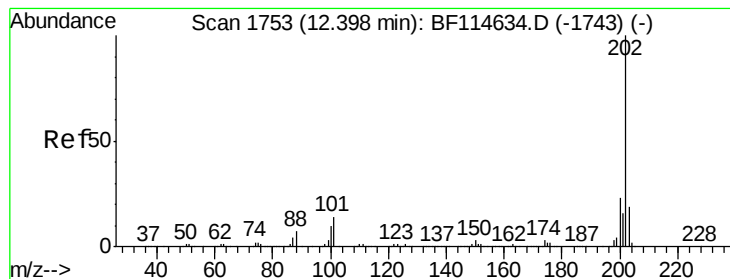


#74
 Di-n-butylphthalate
 Concen: 39.243 ng
 RT: 11.77 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: BF114717.D
 Acq: 31 May 2019 20:08

Tgt Ion:149 Resp: 3004664

Ion	Ratio	Lower	Upper
149	100		
150	10.7	8.6	12.8
104	5.2	4.3	6.5





#75

Fluoranthene

Concen: 36.128 ng

RT: 12.40 min Scan# 1754

Delta R.T. 0.01 min

Lab File: BF114717.D

Acq: 31 May 2019 20:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

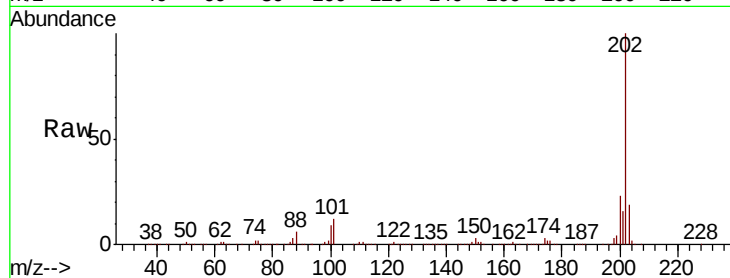
Tot Ion:202 Resp: 2582429

Ion Ratio Lower Upper

202 100

101 12.5 0.0 33.9

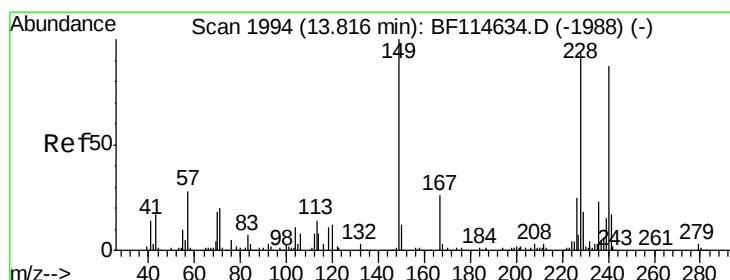
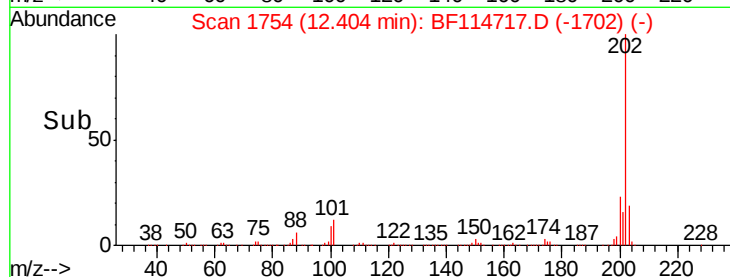
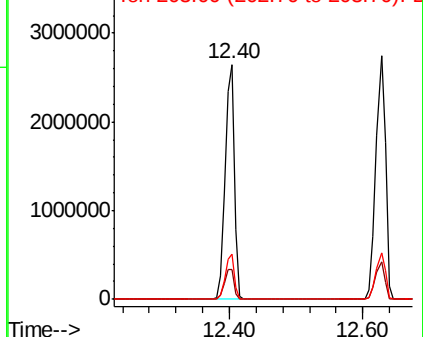
203 19.4 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.01 min

Lab File: BF114717.D

Acq: 31 May 2019 20:08

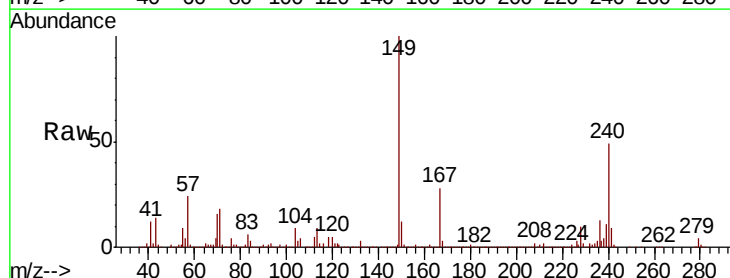
Tgt Ion:240 Resp: 775538

Ion Ratio Lower Upper

240 100

120 11.1 11.2 16.8#

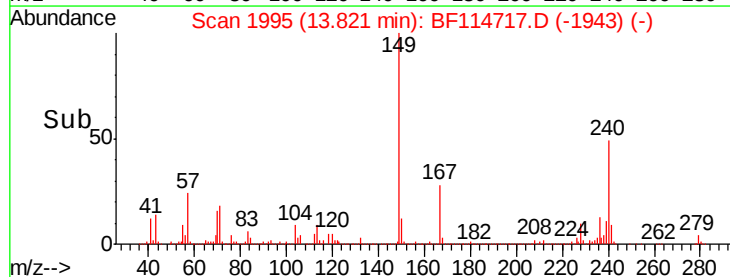
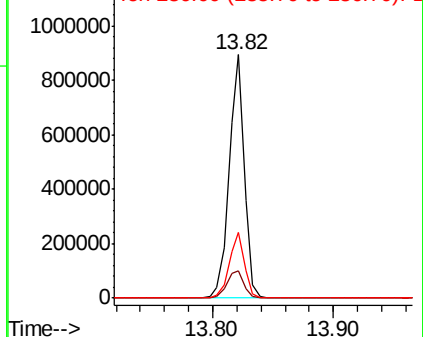
236 27.1 21.2 31.8

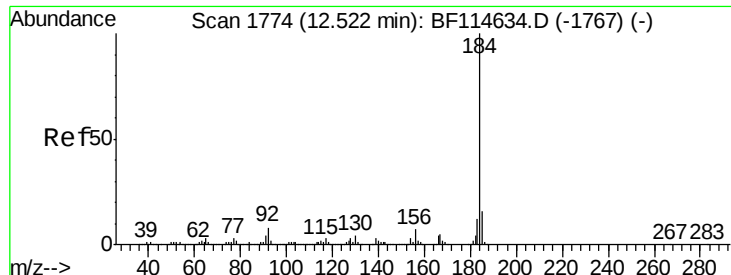


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.911 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.00 min

Lab File: BF114717.D

Acq: 31 May 2019 20:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

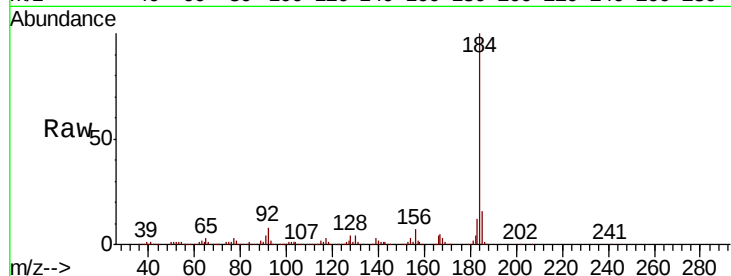
Tot Ion:184 Resp: 1370380

Ion Ratio Lower Upper

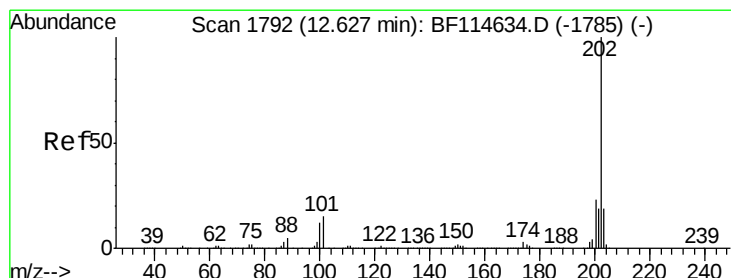
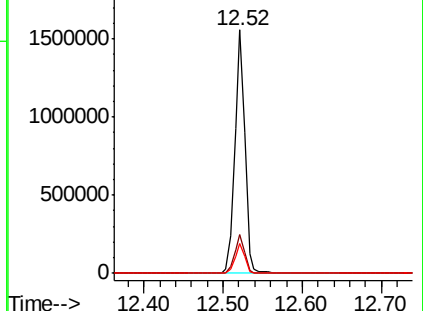
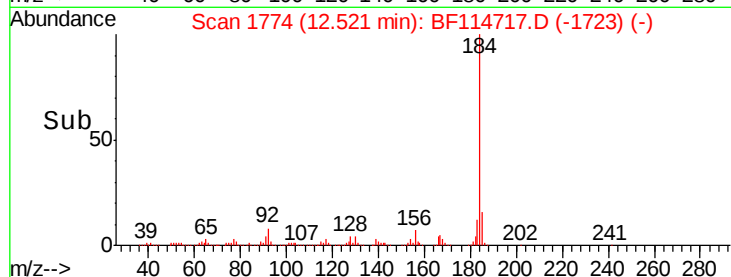
184 100

185 15.8 12.6 18.8

183 12.1 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.624 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BF114717.D

Acq: 31 May 2019 20:08

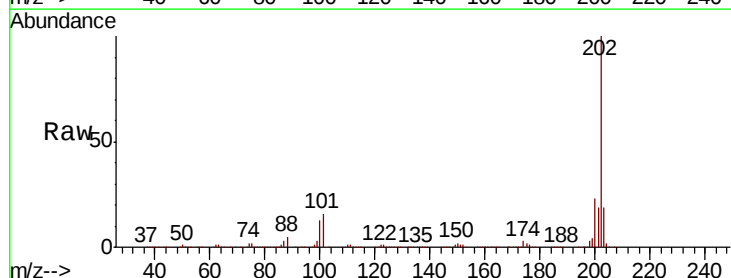
Tgt Ion:202 Resp: 2599543

Ion Ratio Lower Upper

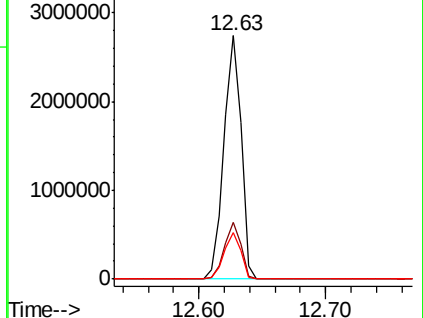
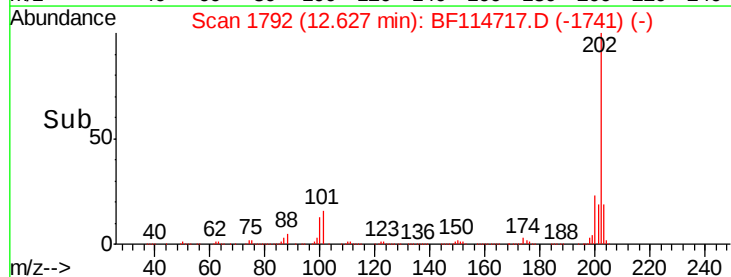
202 100

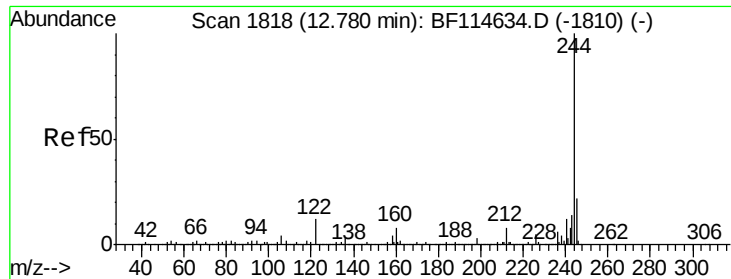
200 23.4 18.6 28.0

203 19.2 15.4 23.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.658 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF114717.D

Acq: 31 May 2019 20:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

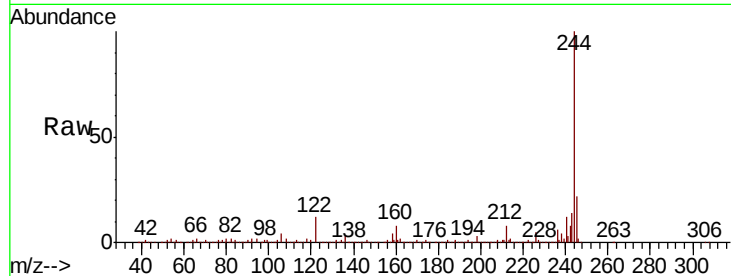
Tot Ion:244 Resp: 3368292

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

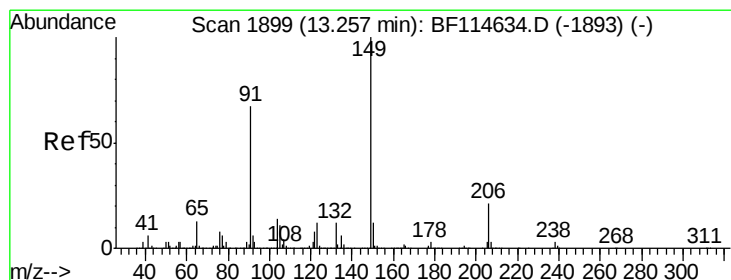
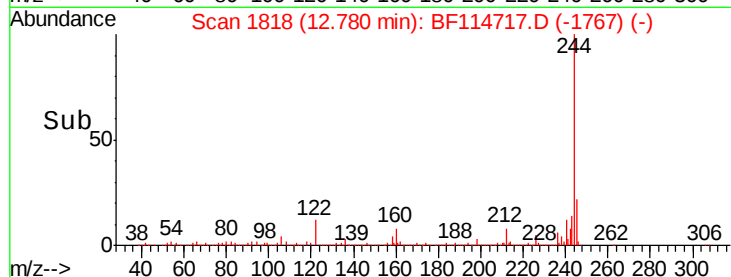
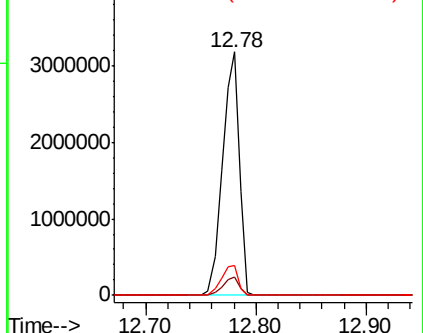
122 12.3 9.8 14.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.992 ng

RT: 13.26 min Scan# 1899

Delta R.T. -0.00 min

Lab File: BF114717.D

Acq: 31 May 2019 20:08

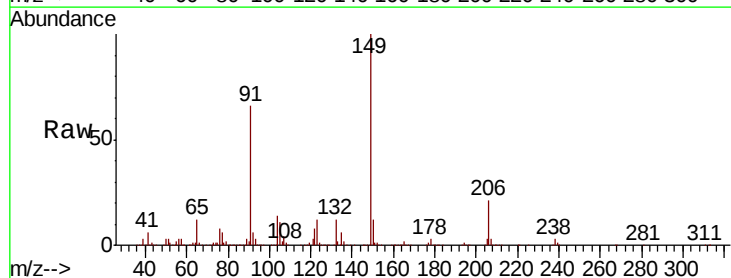
Tgt Ion:149 Resp: 1318543

Ion Ratio Lower Upper

149 100

91 66.3 53.8 80.8

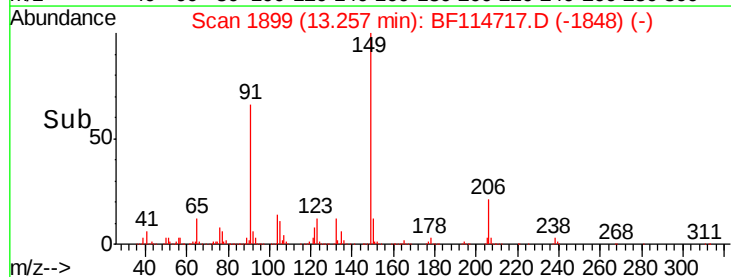
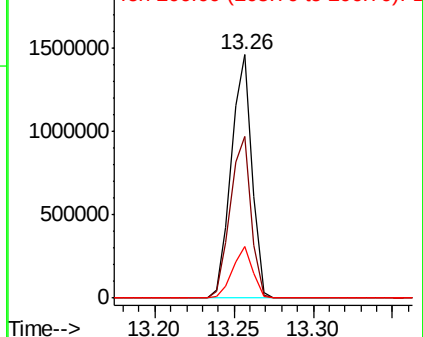
206 21.2 16.9 25.3

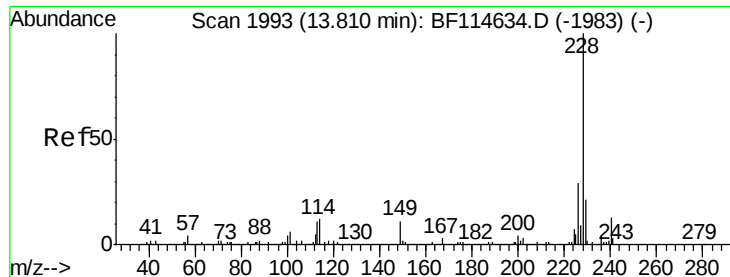


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.325 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.00 min

Lab File: BF114717.D

Acq: 31 May 2019 20:08

Instrument :

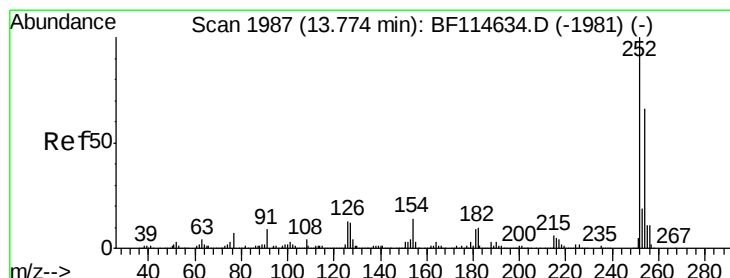
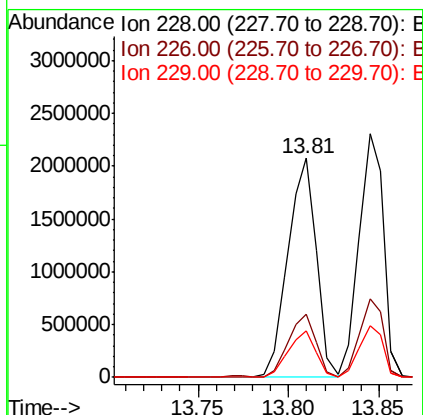
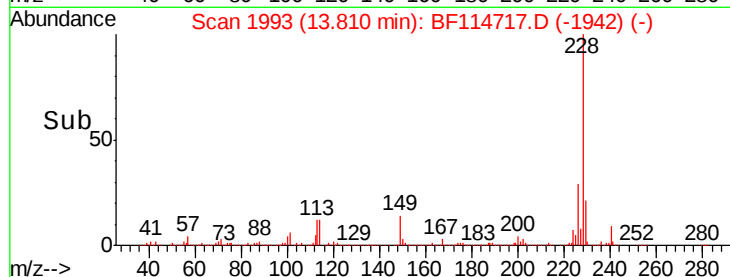
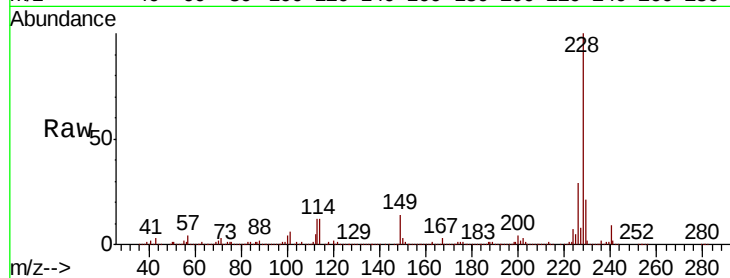
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 2284091

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.0	34.6
229	21.0	17.0	25.4



#82

3,3'-Dichlorobenzidine

Concen: 40.368 ng

RT: 13.77 min Scan# 1987

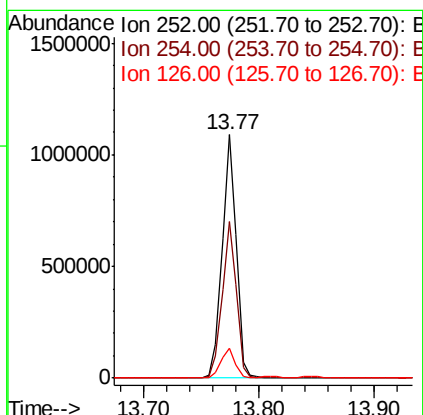
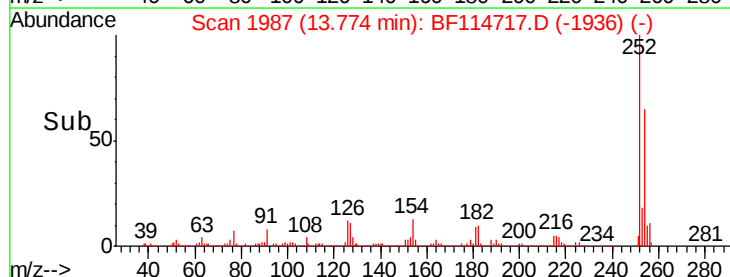
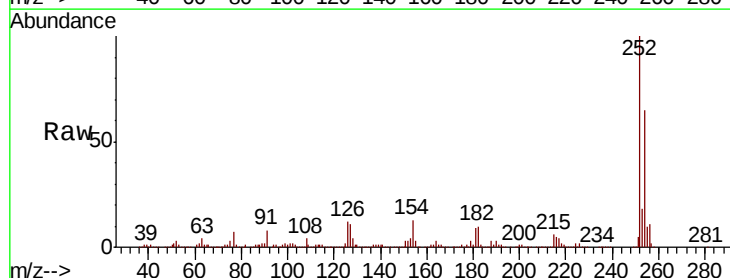
Delta R.T. -0.00 min

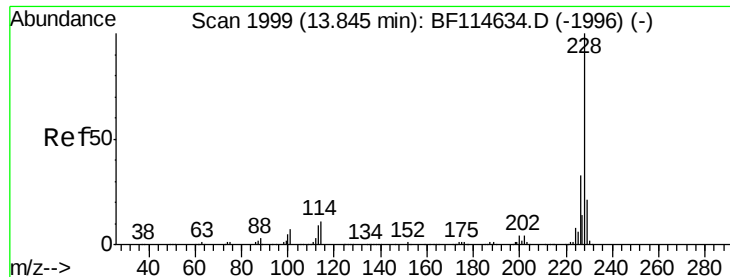
Lab File: BF114717.D

Acq: 31 May 2019 20:08

Tgt Ion:252 Resp: 929097

Ion	Ratio	Lower	Upper
252	100		
254	64.5	53.1	79.7
126	12.0	10.2	15.2





#83

Chrysene

Concen: 38.072 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BF114717.D

Acq: 31 May 2019 20:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

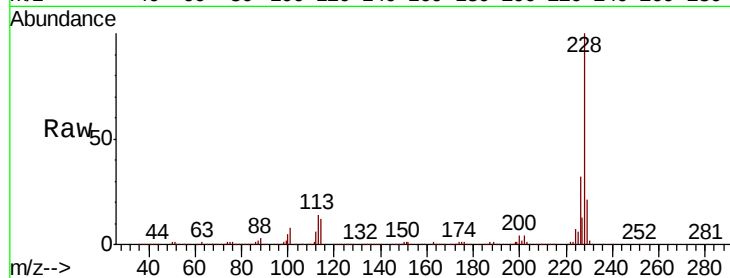
Tot Ion:228 Resp: 2167847

Ion Ratio Lower Upper

228 100

226 32.4 26.4 39.6

229 21.4 17.1 25.7

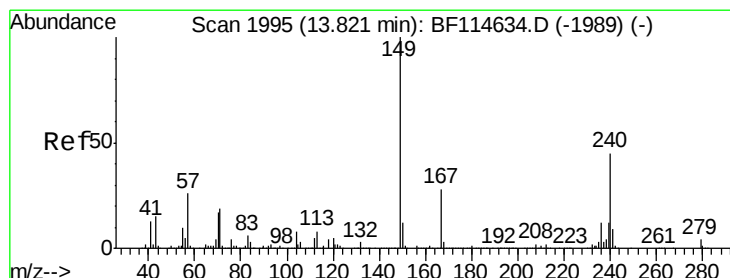
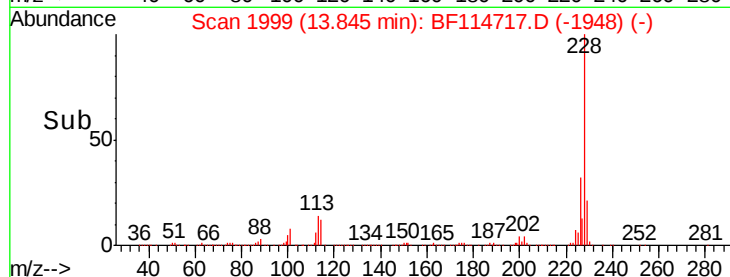
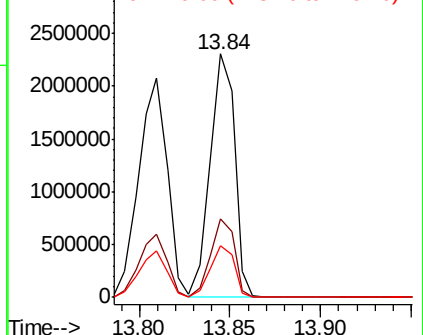


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.724 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.00 min

Lab File: BF114717.D

Acq: 31 May 2019 20:08

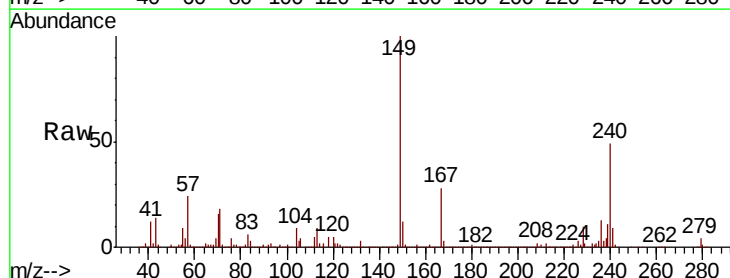
Tgt Ion:149 Resp: 1659953

Ion Ratio Lower Upper

149 100

167 28.0 22.6 33.8

279 4.0 3.0 4.4

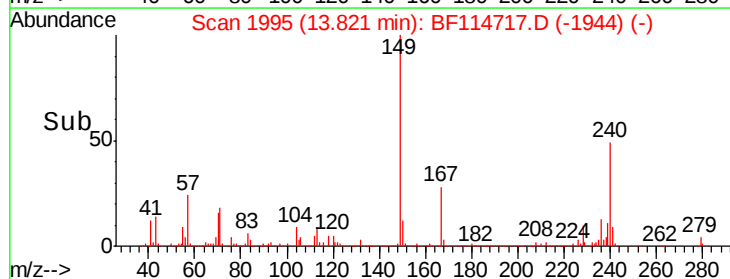
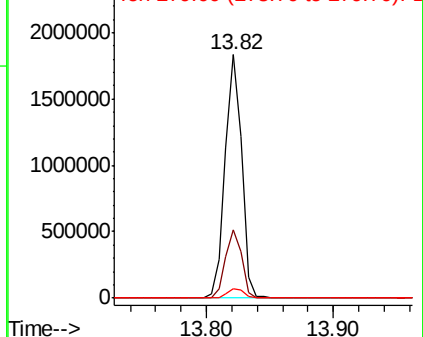


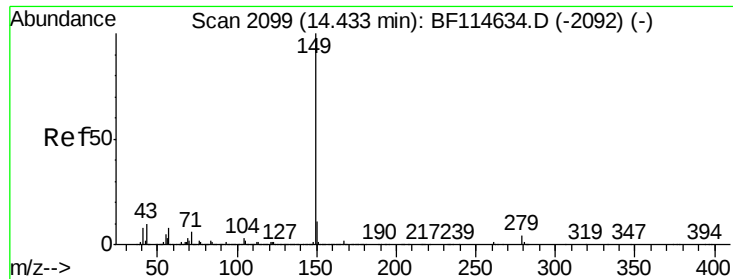
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

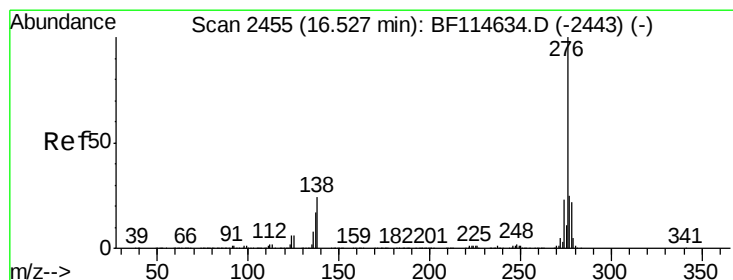
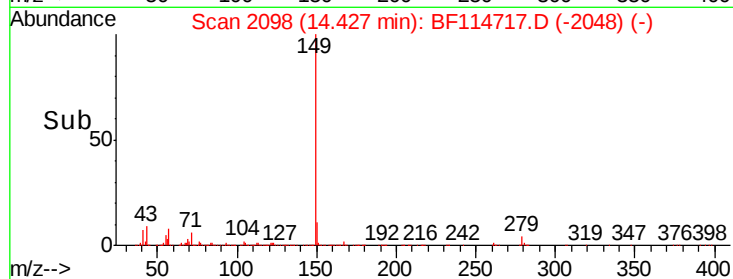
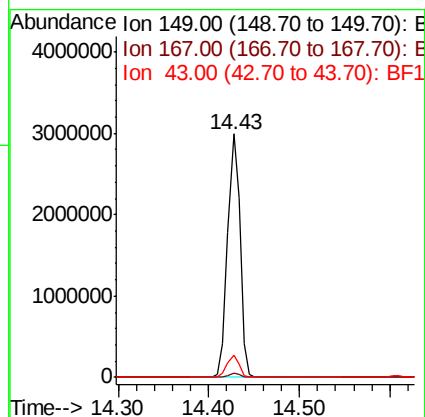
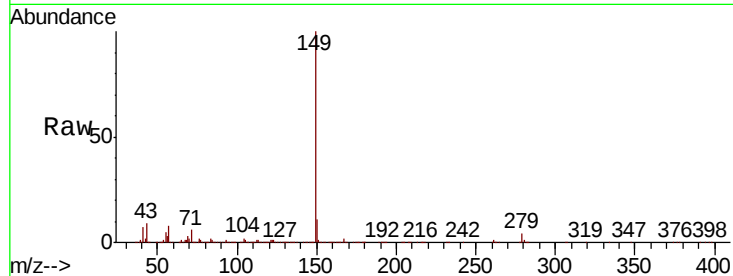




#85
Di-n-octyl phthalate
Concen: 39.467 ng
RT: 14.43 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BF114717.D
Acq: 31 May 2019 20:08

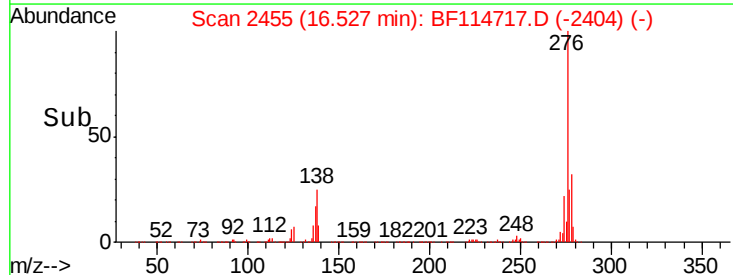
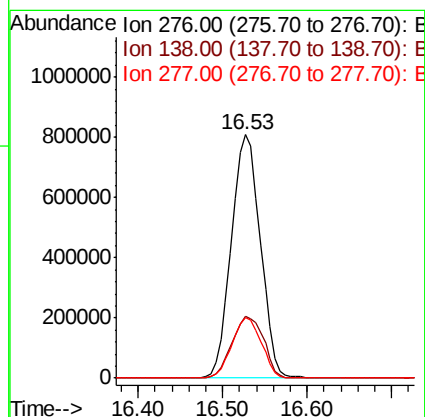
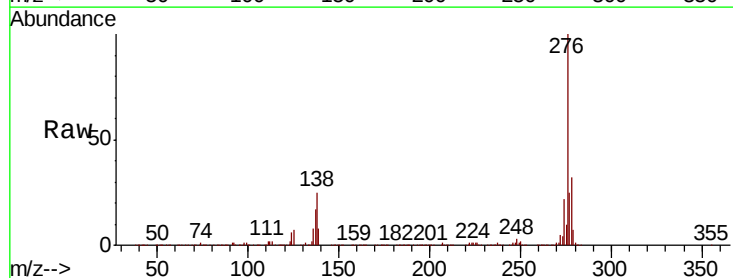
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

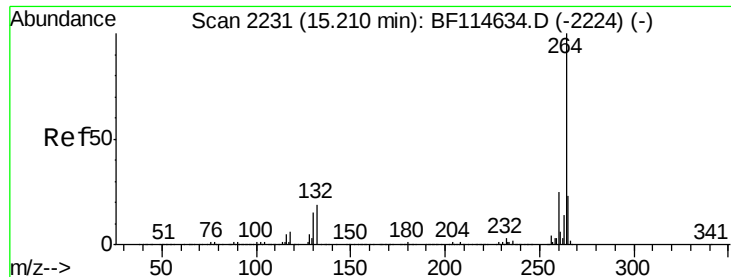
Tot Ion:149 Resp: 2795058
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.9 8.0 12.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 33.585 ng
RT: 16.53 min Scan# 2455
Delta R.T. -0.00 min
Lab File: BF114717.D
Acq: 31 May 2019 20:08

Tgt Ion:276 Resp: 1915287
Ion Ratio Lower Upper
276 100
138 27.8 23.0 34.6
277 25.4 20.5 30.7





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.20 min Scan# 2230

Delta R.T. -0.01 min

Lab File: BF114717.D

Acq: 31 May 2019 20:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

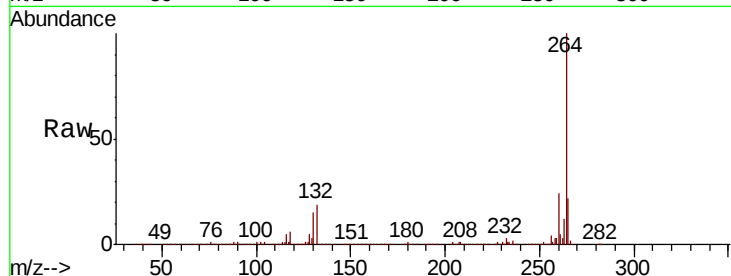
Tot Ion:264 Resp: 822724

Ion Ratio Lower Upper

264 100

260 24.5 19.7 29.5

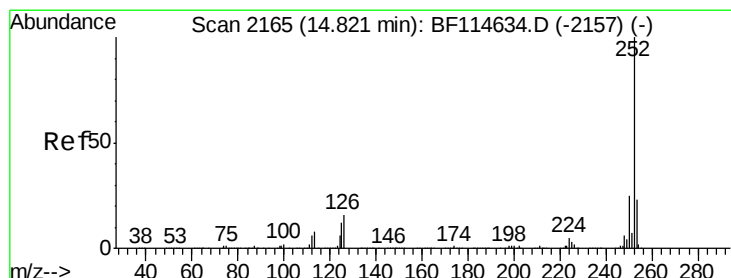
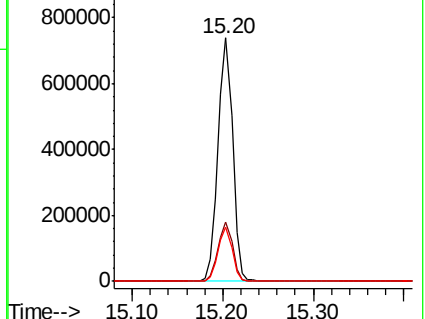
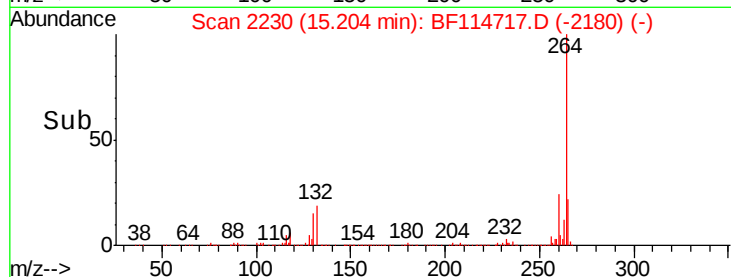
265 22.2 18.1 27.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.438 ng

RT: 14.82 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BF114717.D

Acq: 31 May 2019 20:08

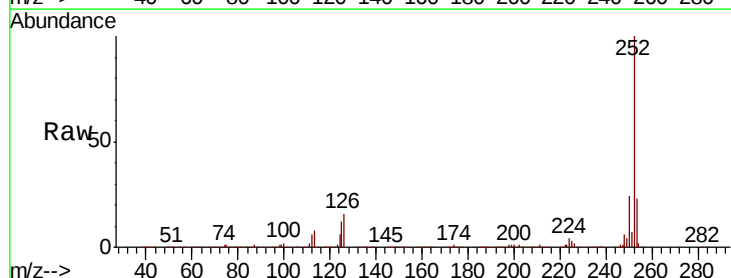
Tgt Ion:252 Resp: 2250899

Ion Ratio Lower Upper

252 100

253 22.8 18.7 28.1

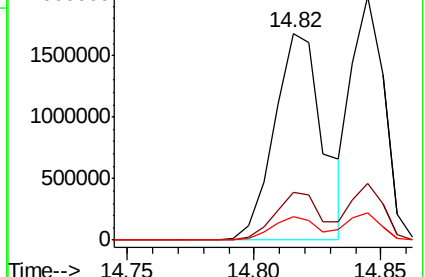
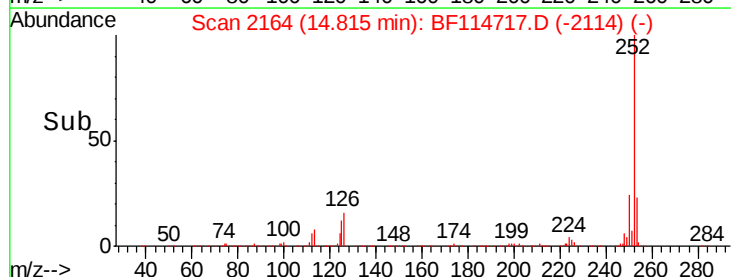
125 11.6 9.4 14.2

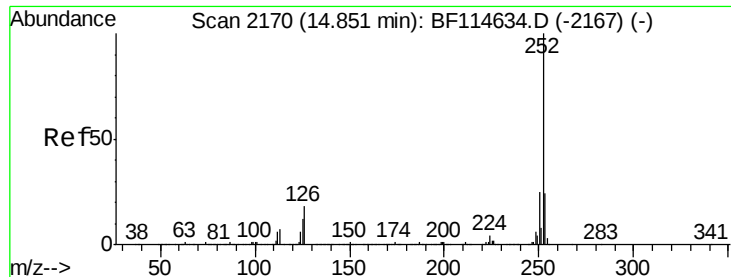


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

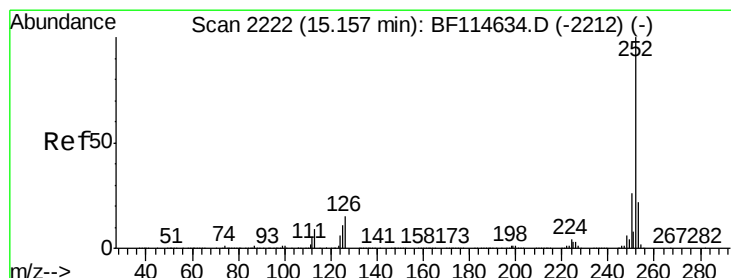
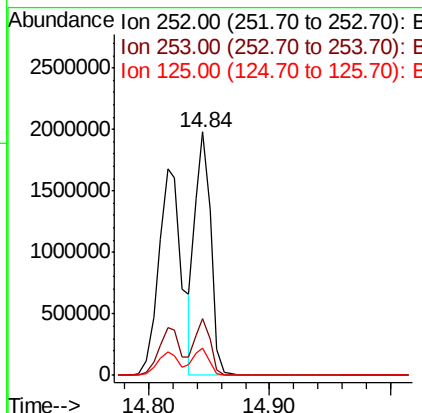
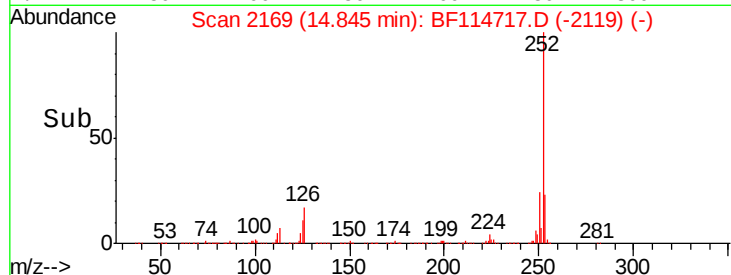
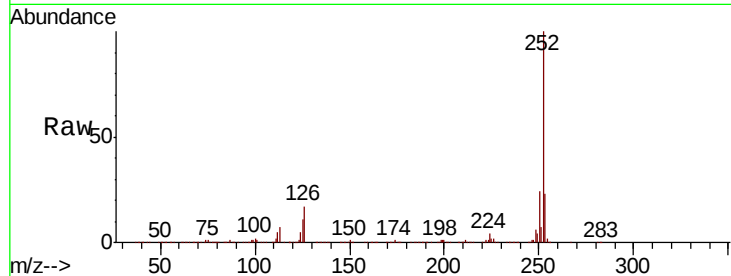




#89
Benzo(k)fluoranthene
Concen: 39.479 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF114717.D
Acq: 31 May 2019 20:08

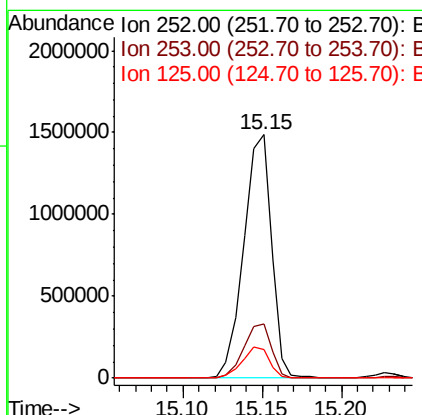
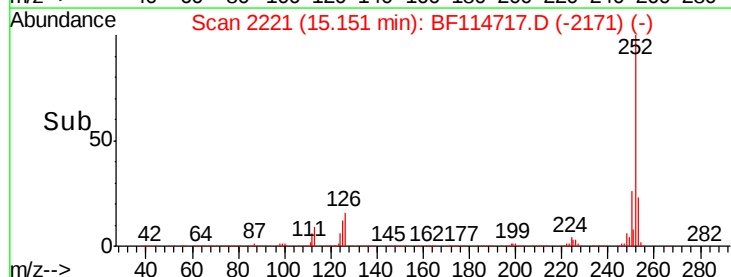
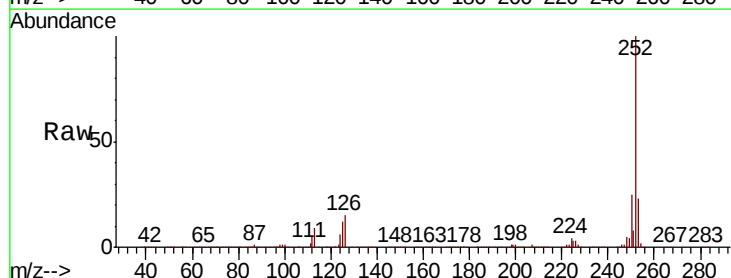
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

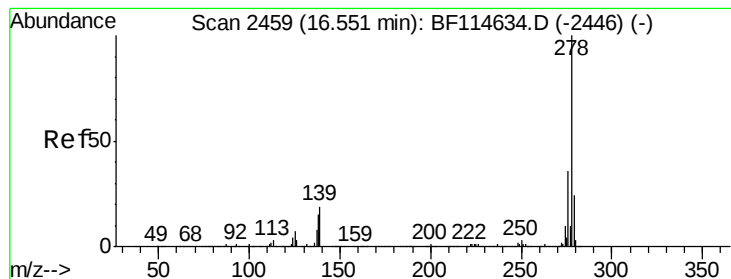
Tot Ion:252 Resp: 1778096
Ion Ratio Lower Upper
252 100
253 23.2 18.9 28.3
125 11.4 9.5 14.3



#90
Benzo(a)pyrene
Concen: 39.768 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BF114717.D
Acq: 31 May 2019 20:08

Tgt Ion:252 Resp: 1810326
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 11.5 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 39.322 ng

RT: 16.54 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BF114717.D

Acq: 31 May 2019 20:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

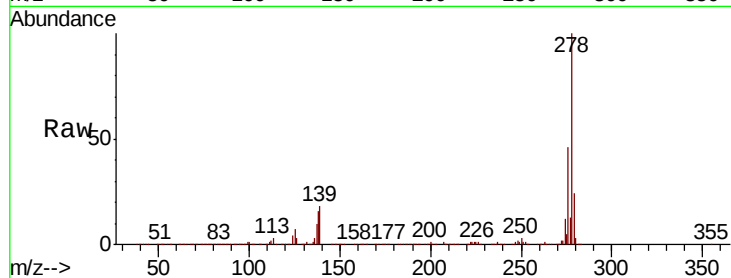
Tot Ion:278 Resp: 1581776

Ion Ratio Lower Upper

278 100

139 18.3 14.9 22.3

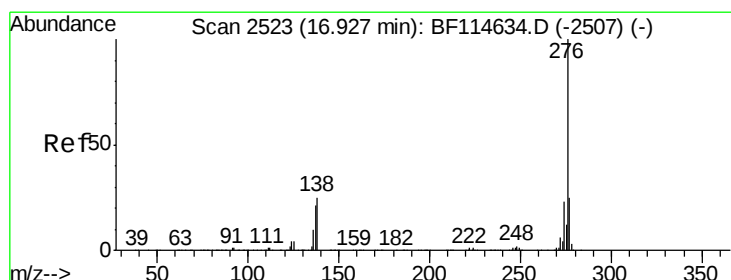
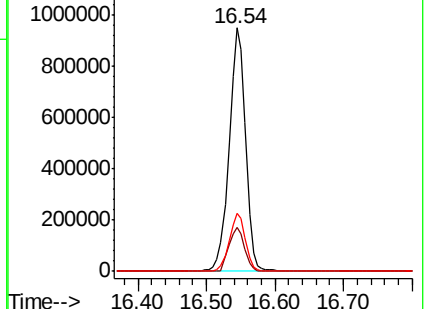
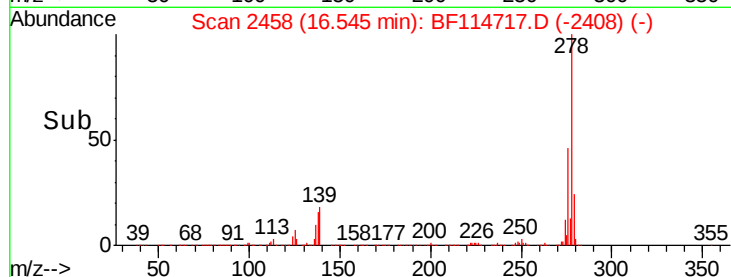
279 24.0 19.5 29.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.298 ng

RT: 16.93 min Scan# 2523

Delta R.T. -0.00 min

Lab File: BF114717.D

Acq: 31 May 2019 20:08

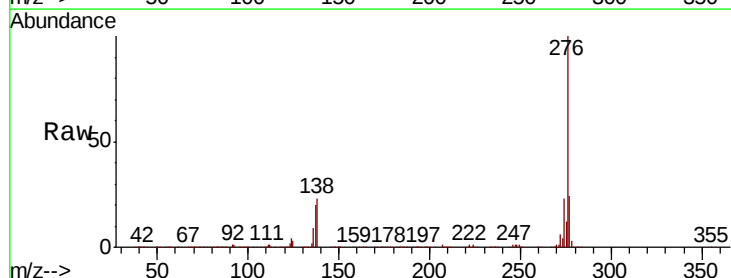
Tgt Ion:276 Resp: 1534273

Ion Ratio Lower Upper

276 100

277 23.8 19.7 29.5

138 22.9 19.8 29.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

