

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081919\
 Data File : BF116380.D
 Acq On : 19 Aug 2019 9:24
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 19 16:14:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	112865	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	467477	20.00	ng	-0.01
39) Acenaphthene-d10	9.84	164	254396	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	444809	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	337070	20.00	ng	-0.01
87) Perylene-d12	15.42	264	352468	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	579602	85.97	ng	-0.01
7) Phenol-d6	6.45	99	714596	84.01	ng	-0.01
23) Nitrobenzene-d5	7.37	82	655847	80.98	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	203419	82.47	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1163473	85.66	ng	-0.01
79) Terphenyl-d14	12.90	244	1337677	83.62	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.53	88	136250	40.003	ng	99
3) Pyridine	3.28	79	355724	37.388	ng	99
4) n-Nitrosodimethylamine	3.24	42	137956	36.742	ng	94
6) Aniline	6.47	93	479695	39.378	ng	# 88
8) 2-Chlorophenol	6.60	128	324066	43.468	ng	98
9) Benzaldehyde	6.36	77	210580	35.879	ng	98
10) Phenol	6.46	94	417749	41.704	ng	92
11) bis(2-Chloroethyl)ether	6.54	93	312989	42.499	ng	98
12) 1,3-Dichlorobenzene	6.75	146	361458	41.952	ng	98
13) 1,4-Dichlorobenzene	6.82	146	366207	42.449	ng	99
14) 1,2-Dichlorobenzene	6.97	146	339749	42.770	ng	98
15) Benzyl Alcohol	6.96	79	261248	40.470	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	420278	41.839	ng	80
17) 2-Methylphenol	7.07	107	265557	42.067	ng	97
18) Hexachloroethane	7.31	117	135407	42.631	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	230341	43.699	ng	98
20) 3+4-Methylphenols	7.23	107	341266	45.683	ng	# 88
22) Acetophenone	7.22	105	439583	42.876	ng	# 96
24) Nitrobenzene	7.39	77	372934	42.647	ng	100
25) Isophorone	7.63	82	660033	42.622	ng	98
26) 2-Nitrophenol	7.71	139	178640	43.338	ng	97
27) 2,4-Dimethylphenol	7.75	122	254847	41.094	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	413243	43.054	ng	99
29) 2,4-Dichlorophenol	7.96	162	279684	42.713	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	310910	41.654	ng	99
31) Naphthalene	8.11	128	953993	43.366	ng	99
32) Benzoic acid	7.91	122	145130	33.193	ng	96
33) 4-Chloroaniline	8.16	127	414547	42.176	ng	97
34) Hexachlorobutadiene	8.22	225	180033	41.875	ng	99
35) Caprolactam	8.53	113	55869	26.381	ng	98
36) 4-Chloro-3-methylphenol	8.65	107	295951	43.445	ng	99
37) 2-Methylnaphthalene	8.80	142	623893	43.063	ng	99
38) 1-Methylnaphthalene	8.90	142	597289	43.578	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	288794	42.463	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	87509	32.462	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	171924	36.726	ng	100
44) 2,4,5-Trichlorophenol	9.13	196	176562	36.487	ng	98
46) 1,1'-Biphenyl	9.26	154	770893	42.922	ng	99
47) 2-Chloronaphthalene	9.29	162	621436	41.572	ng	99
48) 2-Nitroaniline	9.39	65	200967	40.674	ng	99
49) Acenaphthylene	9.70	152	917114	42.054	ng	99
50) Dimethylphthalate	9.56	163	729701	42.127	ng	99
51) 2,6-Dinitrotoluene	9.63	165	160502	42.638	ng	# 84
52) Acenaphthene	9.87	154	566380	42.334	ng	99
53) 3-Nitroaniline	9.80	138	188298	40.484	ng	98
54) 2,4-Dinitrophenol	9.93	184	51790	32.221	ng	97
55) Dibenzofuran	10.05	168	795338	40.878	ng	99
56) 4-Nitrophenol	9.99	139	116161	38.986	ng	93
57) 2,4-Dinitrotoluene	10.04	165	199271	39.760	ng	# 85
58) Fluorene	10.39	166	661925	44.219	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	143878	35.341	ng	94
60) Diethylphthalate	10.26	149	709704	43.885	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	337256	44.486	ng	99
62) 4-Nitroaniline	10.42	138	177857	37.001	ng	99
63) Azobenzene	10.53	77	726008	43.647	ng	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	96534	40.953	ng	87
66) n-Nitrosodiphenylamine	10.50	169	584625	43.667	ng	98
67) 4-Bromophenyl-phenylether	10.86	248	206229	43.310	ng	100
68) Hexachlorobenzene	10.94	284	234784	42.641	ng	98
69) Atrazine	11.02	200	147608	33.513	ng	98
70) Pentachlorophenol	11.15	266	96745	36.191	ng	99
71) Phenanthrene	11.35	178	982543	43.208	ng	100
72) Anthracene	11.40	178	1003371	43.599	ng	99
73) Carbazole	11.56	167	908477	43.512	ng	100
74) Di-n-butylphthalate	11.87	149	1137266	46.693	ng	99
75) Fluoranthene	12.54	202	1027005	43.140	ng	99
77) Benzidine	12.66	184	447598	39.306	ng	99
78) Pyrene	12.77	202	1041246	40.980	ng	98
80) Butylbenzylphthalate	13.37	149	482387	44.881	ng	94
81) Benzo(a)anthracene	13.96	228	918768	42.646	ng	100
82) 3,3'-Dichlorobenzidine	13.91	252	327774	43.791	ng	99
83) Chrysene	14.00	228	894762	42.778	ng	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	676570	48.441	ng	98
85) Di-n-octyl phthalate	14.53	149	1070472	48.253	ng	100
86) Indeno(1,2,3-cd)pyrene	16.89	276	781043	44.460	ng	100
88) Benzo(b)fluoranthene	15.00	252	845416	41.482	ng	99
89) Benzo(k)fluoranthene	15.03	252	792031	39.900	ng	98
90) Benzo(a)pyrene	15.36	252	747321	41.020	ng	99
91) Dibenzo(a,h)anthracene	16.88	278	644331	40.858	ng	98
92) Benzo(g,h,i)perylene	17.32	276	605539	39.099	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.01 min

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SSTDCCC040

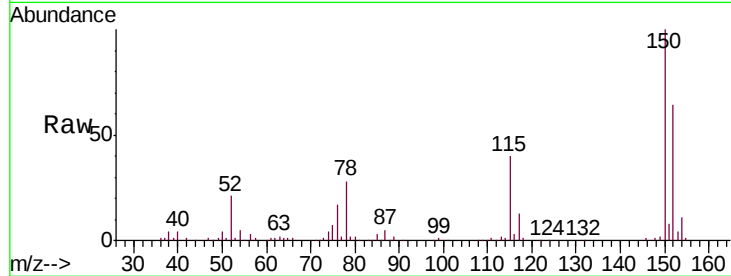
Tgt Ion: 152 Resp: 112865

Ion Ratio Lower Upper

152 100

150 156.5 126.2 189.2

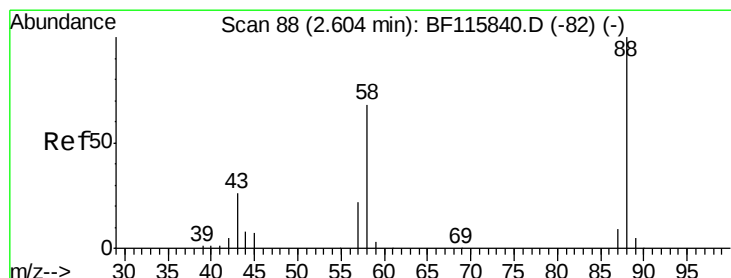
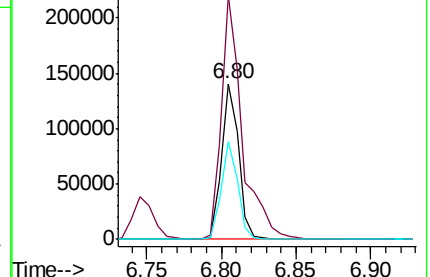
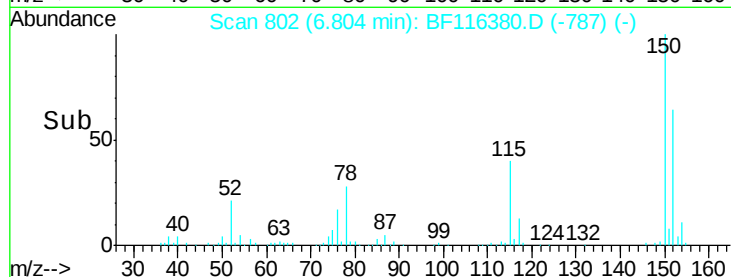
115 62.6 49.9 74.9



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: 40.003 ng

RT: 2.53 min Scan# 75

Delta R.T. -0.02 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

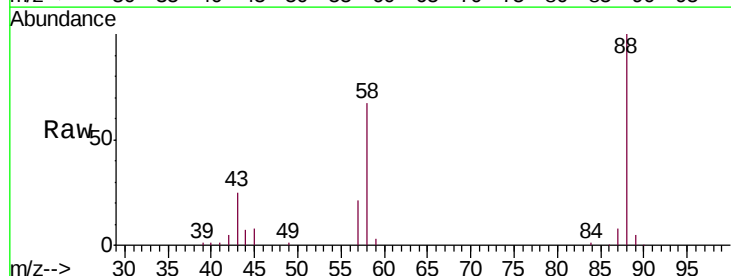
Tgt Ion: 88 Resp: 136250

Ion Ratio Lower Upper

88 100

58 67.3 53.7 80.5

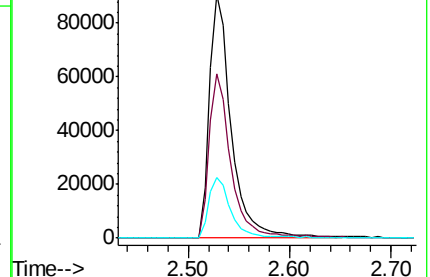
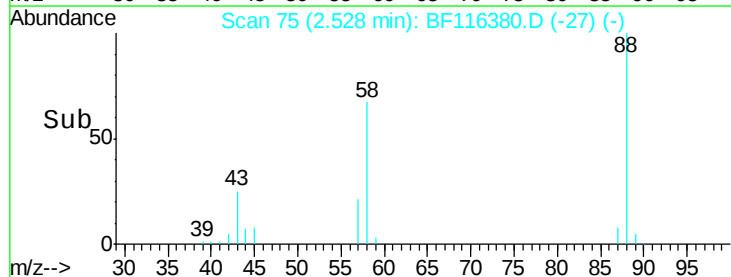
43 25.3 21.0 31.4

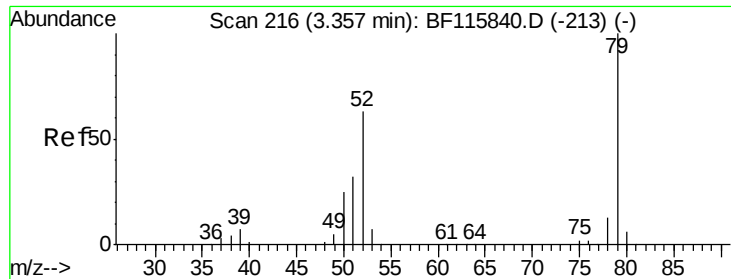


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

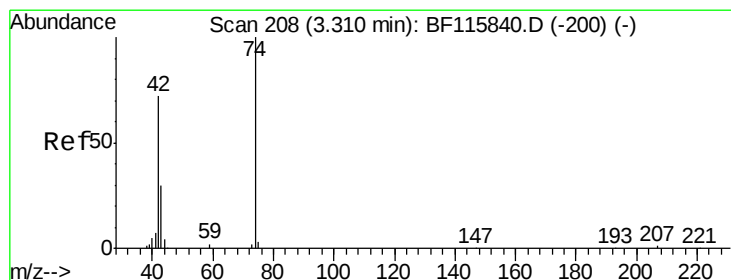
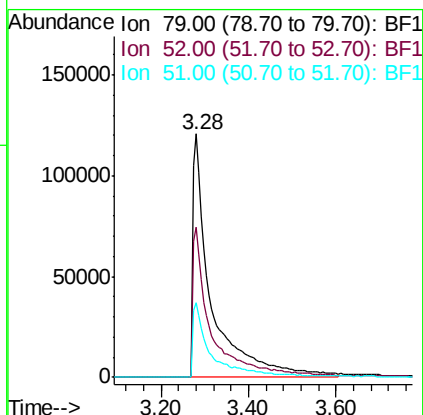
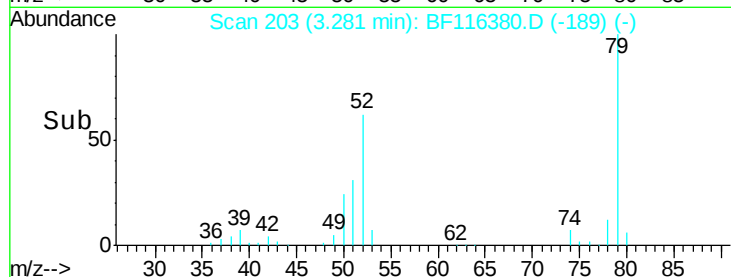
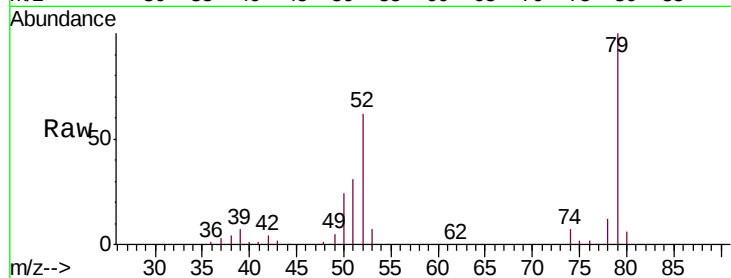




#3
 Pyridine
 Concen: 37.388 ng
 RT: 3.28 min Scan# 203
 Delta R.T. -0.02 min
 Lab File: BF116380.D
 Acq: 19 Aug 2019 9:24

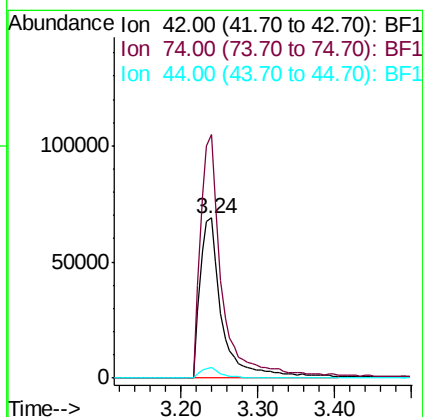
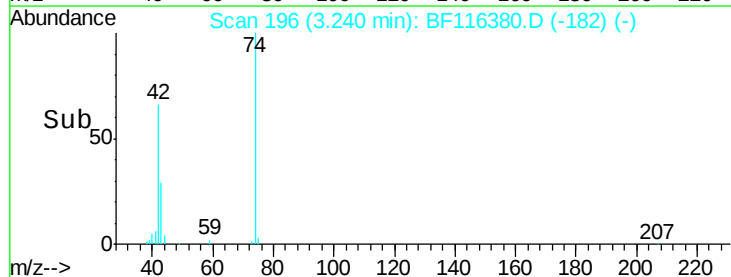
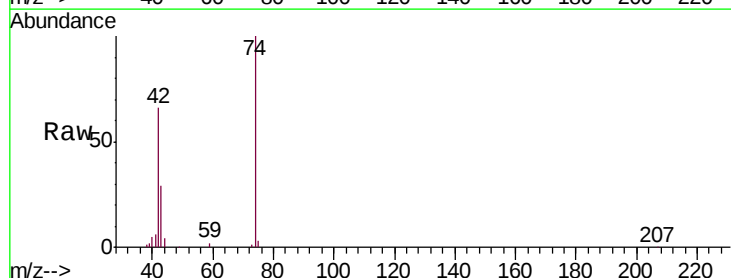
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 79 Resp: 355724
 Ion Ratio Lower Upper
 79 100
 52 61.5 49.8 74.8
 51 30.8 25.2 37.8



#4
 n-Nitrosodimethylamine
 Concen: 36.742 ng
 RT: 3.24 min Scan# 196
 Delta R.T. -0.02 min
 Lab File: BF116380.D
 Acq: 19 Aug 2019 9:24

Tgt Ion: 42 Resp: 137956
 Ion Ratio Lower Upper
 42 100
 74 152.2 116.0 174.0
 44 6.7 4.6 7.0





#5

2-Fluorophenol

Concen: 85.969 ng

RT: 5.43 min Scan# 568

Delta R.T. -0.01 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

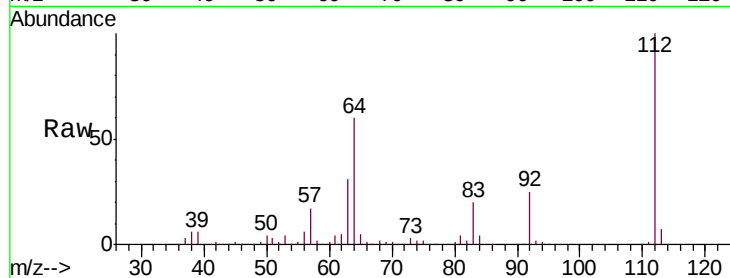
Tgt Ion: 112 Resp: 579602

Ion Ratio Lower Upper

112 100

64 60.0 45.4 68.2

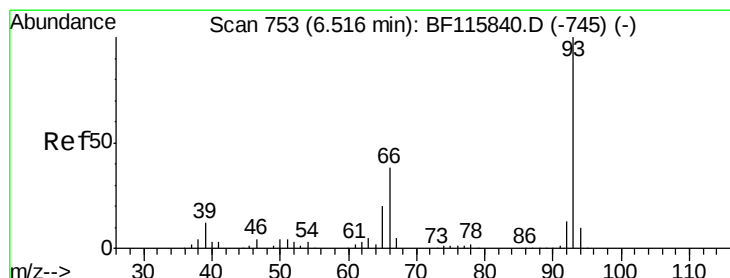
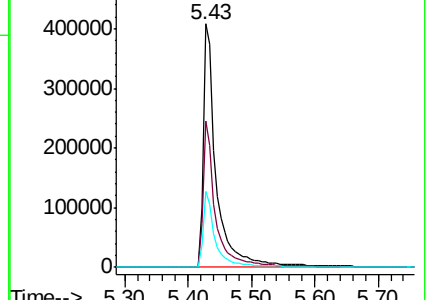
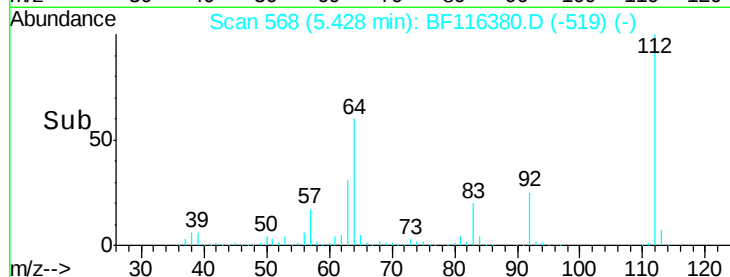
63 31.4 23.7 35.5



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: 39.378 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

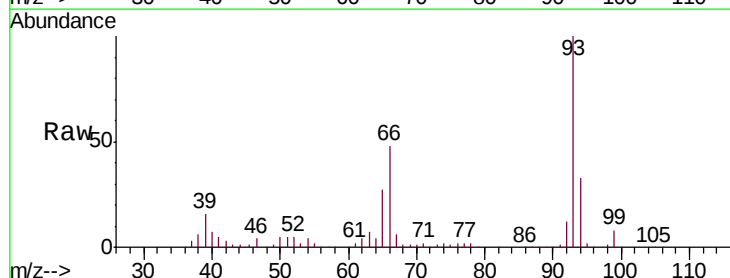
Tgt Ion: 93 Resp: 479695

Ion Ratio Lower Upper

93 100

66 47.7 32.2 48.4

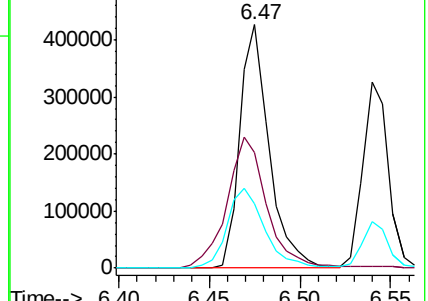
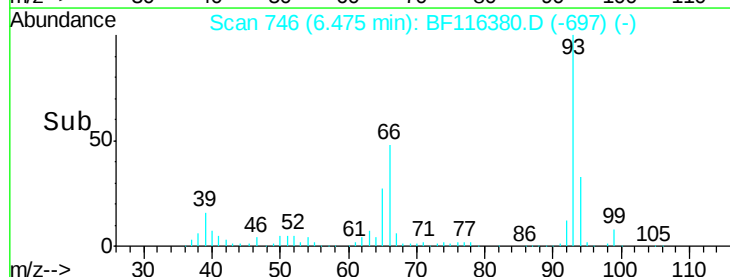
65 26.6 17.0 25.6#



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: 84.009 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

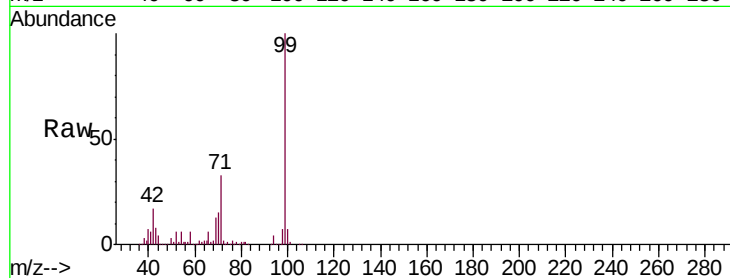
Tgt Ion: 99 Resp: 714596

Ion Ratio Lower Upper

99 100

42 16.8 13.8 20.8

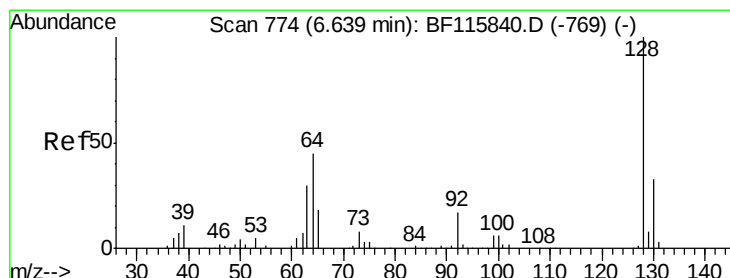
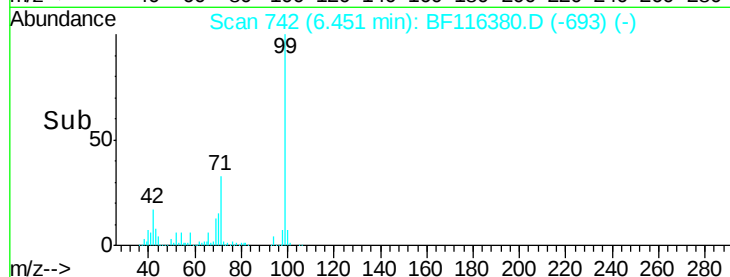
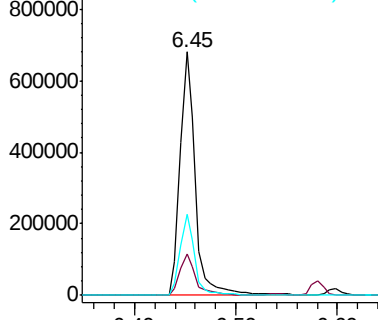
71 33.1 27.3 40.9



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: 43.468 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

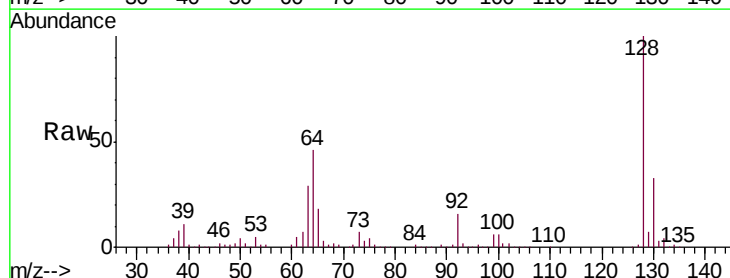
Tgt Ion: 128 Resp: 324066

Ion Ratio Lower Upper

128 100

130 32.6 12.9 52.9

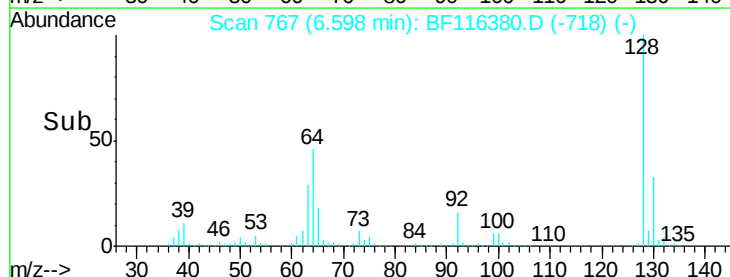
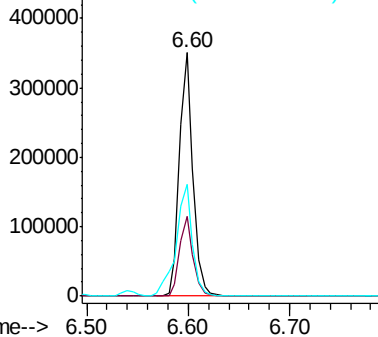
64 46.0 24.3 64.3

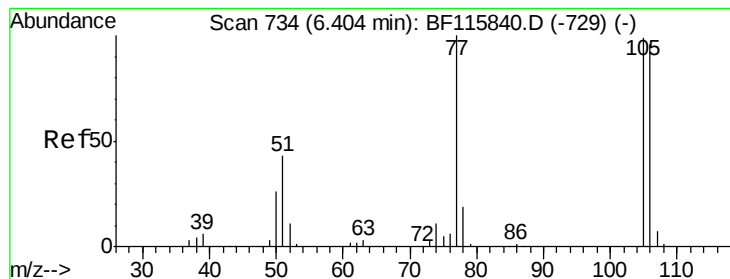


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 35.879 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

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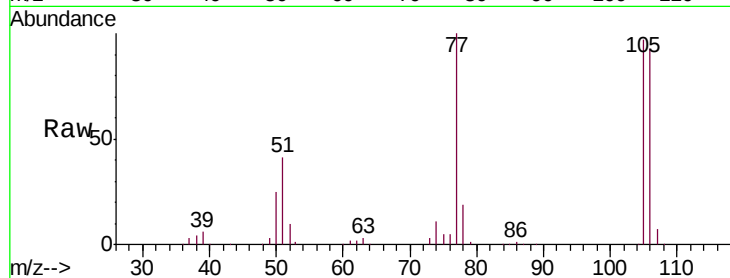
Tgt Ion: 77 Resp: 210580

Ion Ratio Lower Upper

77 100

105 97.3 79.2 119.2

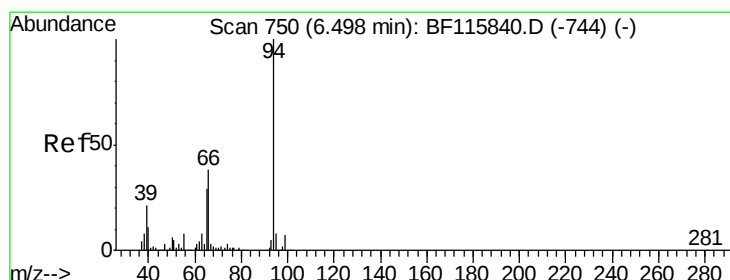
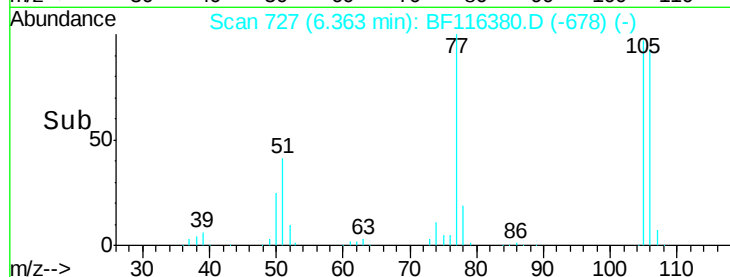
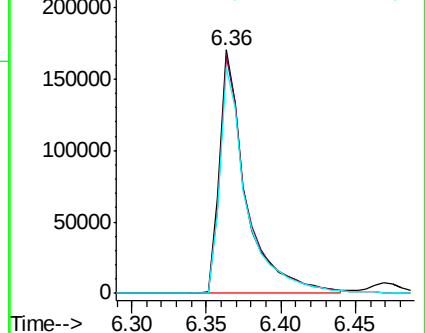
106 92.7 74.3 114.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.704 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

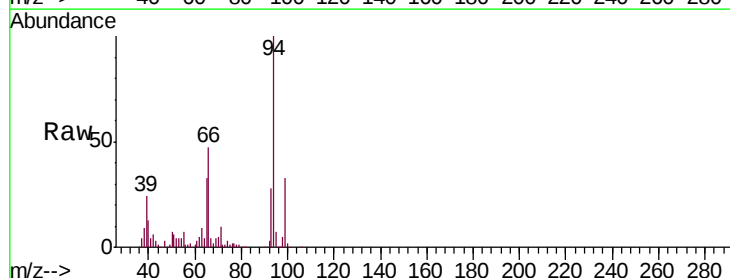
Tgt Ion: 94 Resp: 417749

Ion Ratio Lower Upper

94 100

65 33.1 16.8 56.8

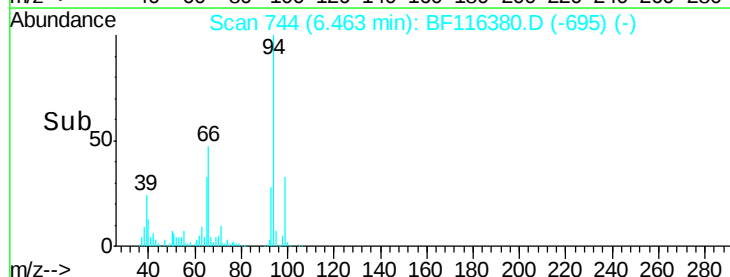
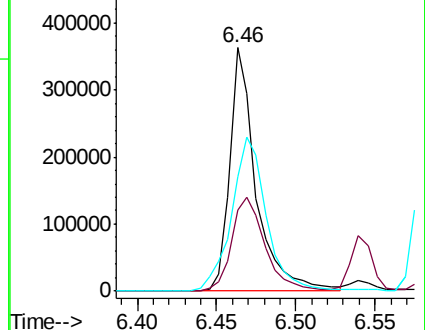
66 47.1 34.2 74.2



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

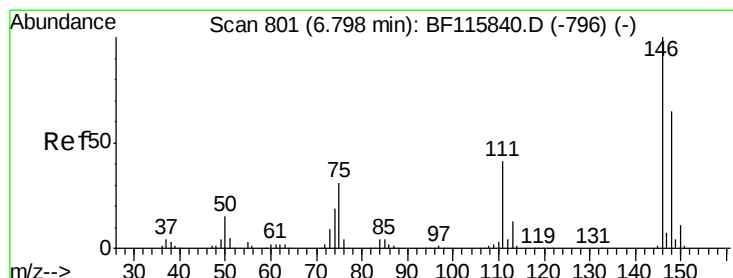
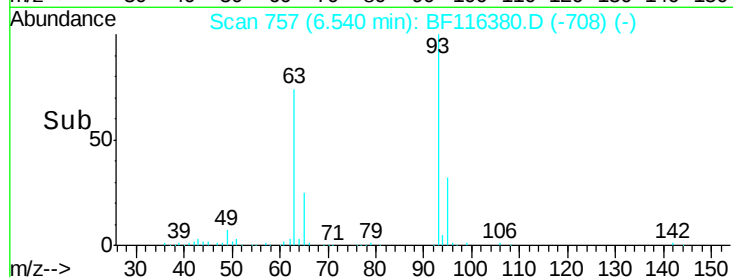
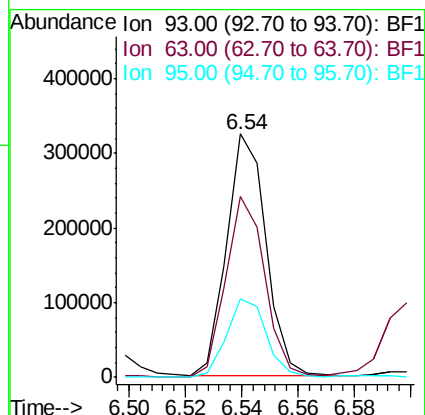
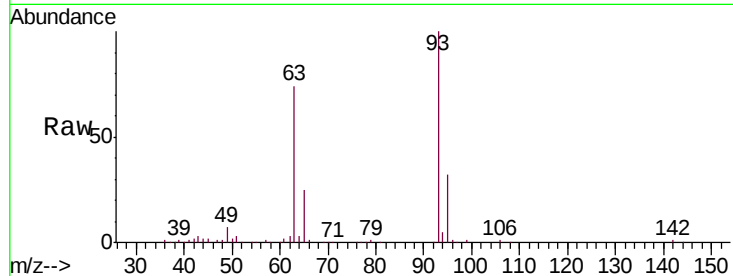




#11
 bis(2-Chloroethyl)ether
 Concen: 42.499 ng
 RT: 6.54 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF116380.D
 Acq: 19 Aug 2019 9:24

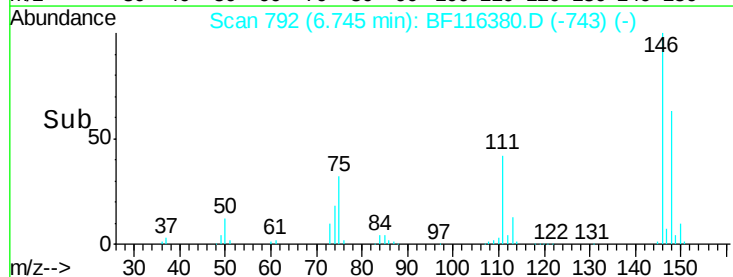
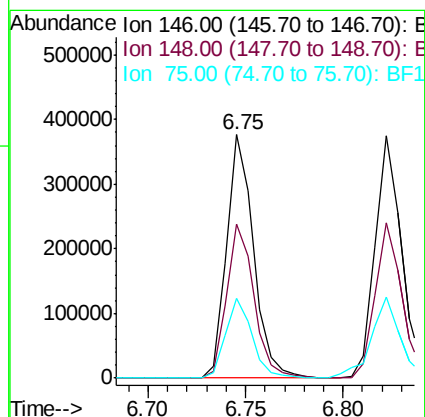
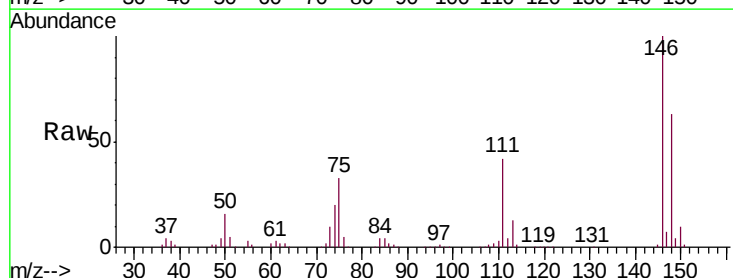
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

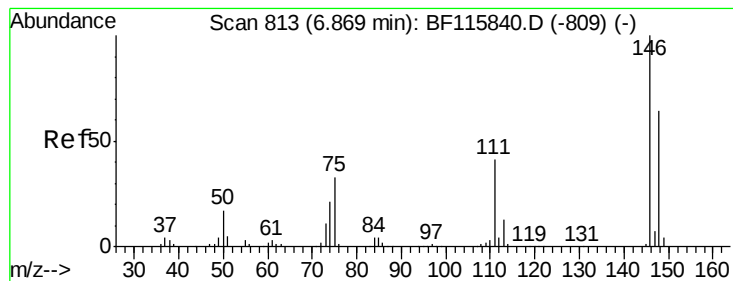
Tgt Ion: 93 Resp: 312989
 Ion Ratio Lower Upper
 93 100
 63 74.1 51.9 91.9
 95 32.2 13.0 53.0



#12
 1,3-Dichlorobenzene
 Concen: 41.952 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF116380.D
 Acq: 19 Aug 2019 9:24

Tgt Ion: 146 Resp: 361458
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.3 76.9
 75 32.7 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 42.449 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

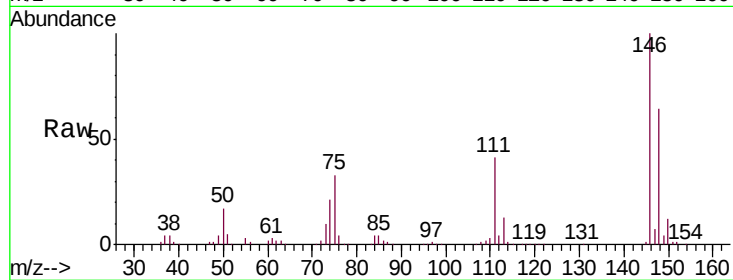
Tgt Ion:146 Resp: 366207

Ion Ratio Lower Upper

146 100

148 64.1 51.3 76.9

111 40.5 34.0 51.0



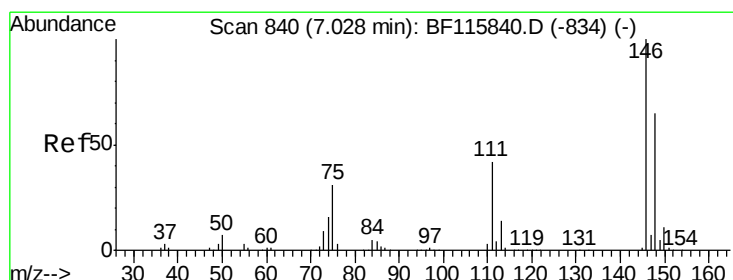
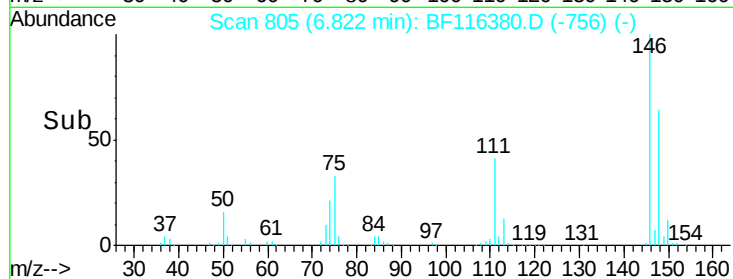
Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

6.82

Time-->



#14

1,2-Dichlorobenzene

Concen: 42.770 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

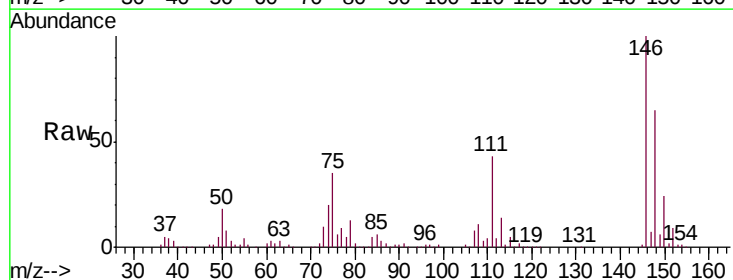
Tgt Ion:146 Resp: 339749

Ion Ratio Lower Upper

146 100

148 64.9 51.2 76.8

111 43.4 33.5 50.3



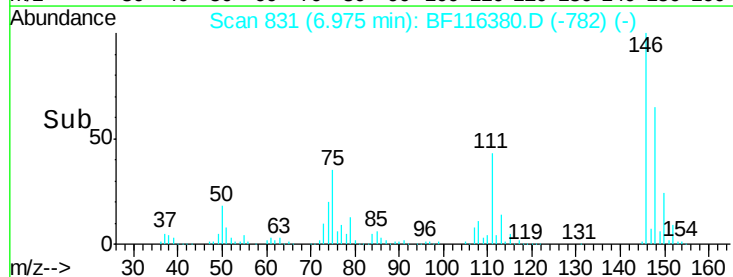
Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

6.97

Time-->





#15

Benzyl Alcohol

Concen: 40.470 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

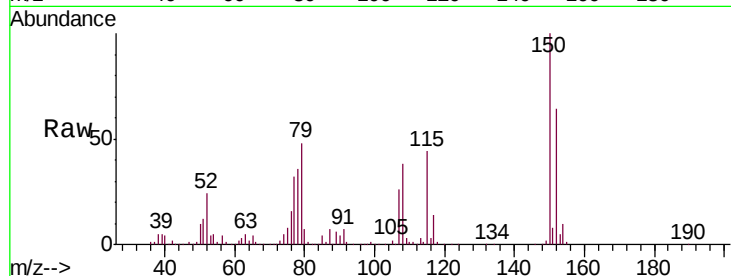
Tgt Ion: 79 Resp: 261248

Ion Ratio Lower Upper

79 100

108 78.7 62.7 94.1

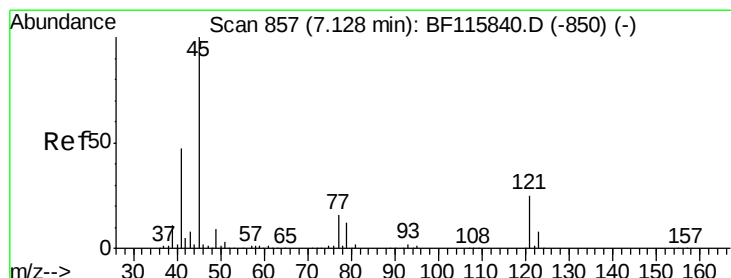
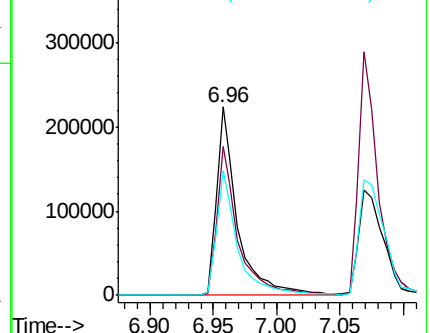
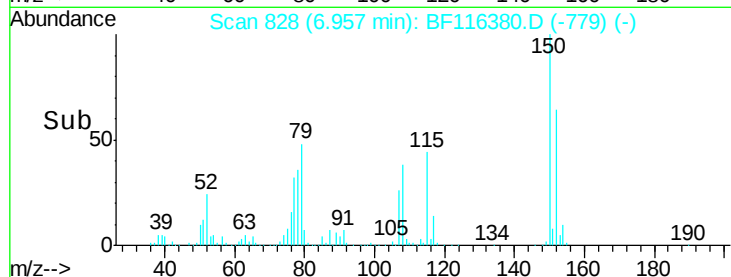
77 65.9 52.2 78.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.839 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

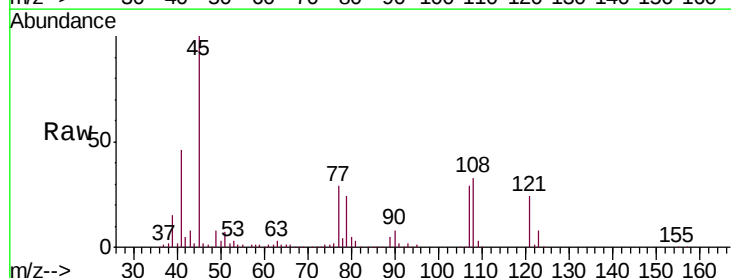
Tgt Ion: 45 Resp: 420278

Ion Ratio Lower Upper

45 100

77 29.1 0.0 40.0

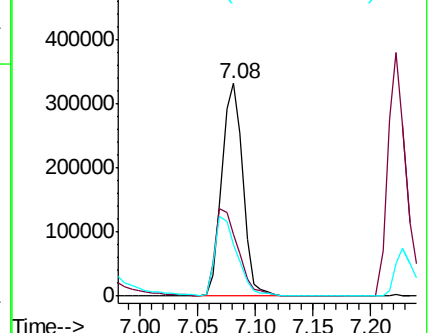
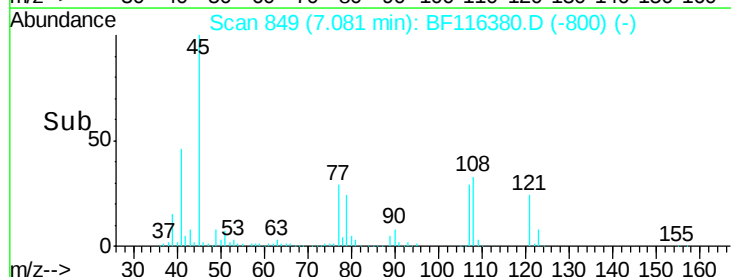
79 24.4 0.0 35.9

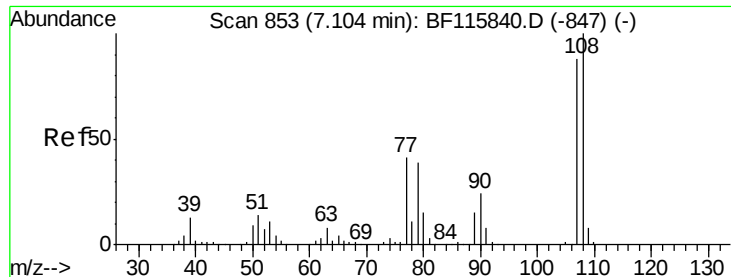


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

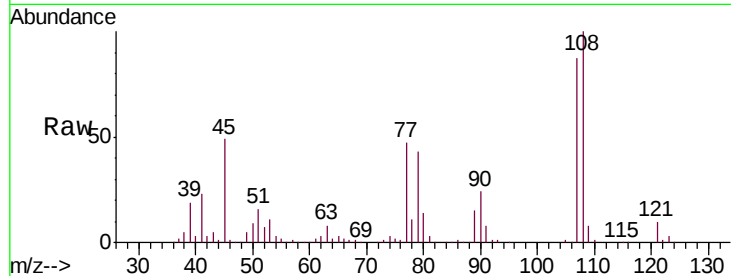




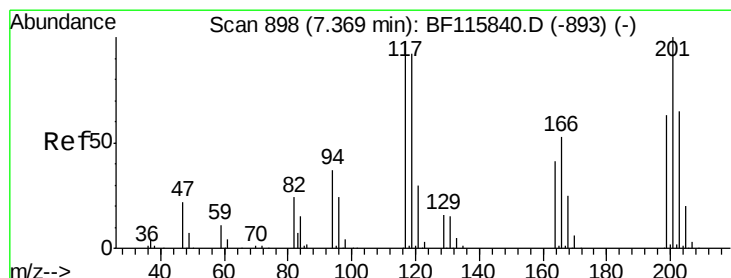
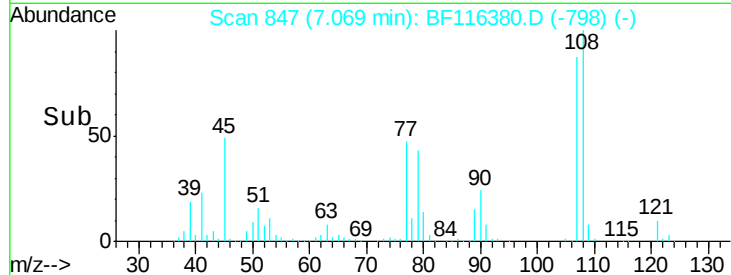
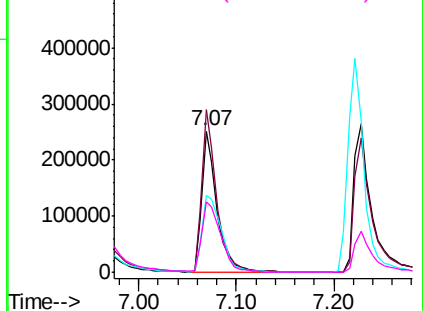
#17
2-Methylphenol
Concen: 42.067 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	107	Resp:	265557
Ion	Ratio	Lower	Upper
107	100		
108	115.1	91.2	136.8
77	54.6	40.3	60.5
79	49.6	37.6	56.4

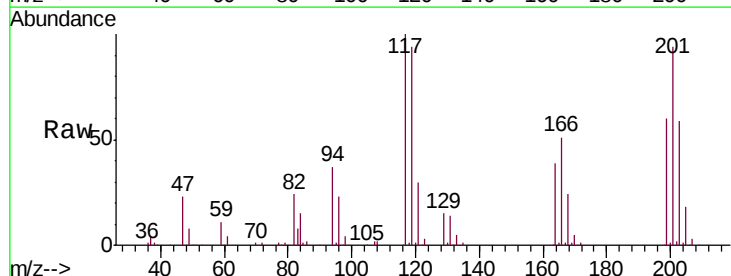


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

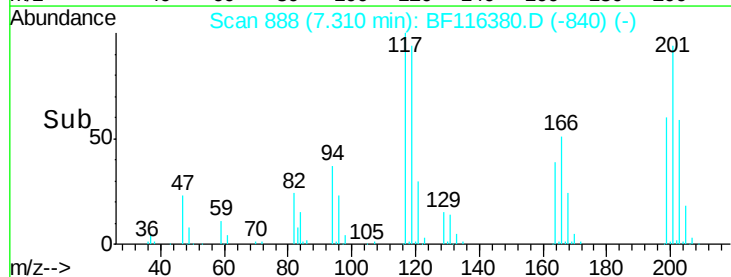
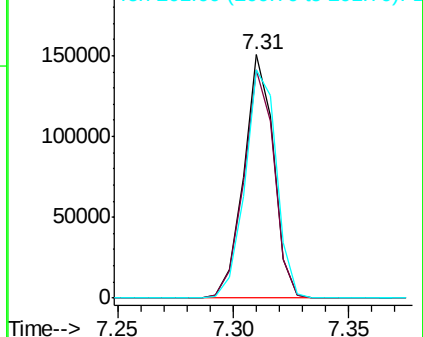


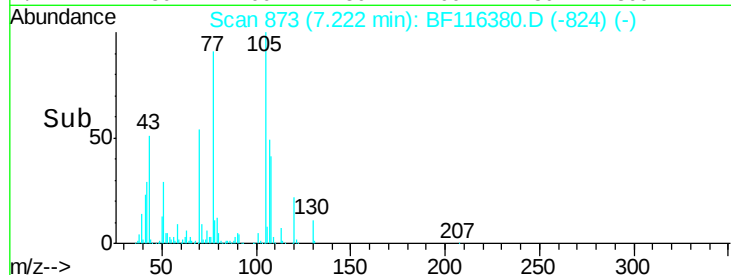
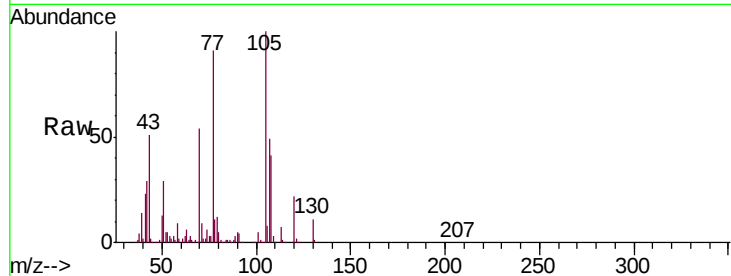
#18
Hexachloroethane
Concen: 42.631 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

Tgt Ion:	117	Resp:	135407
Ion	Ratio	Lower	Upper
117	100		
119	94.0	76.1	114.1
201	93.9	77.0	115.4



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

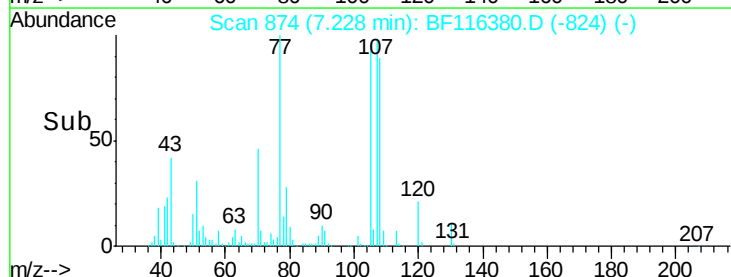
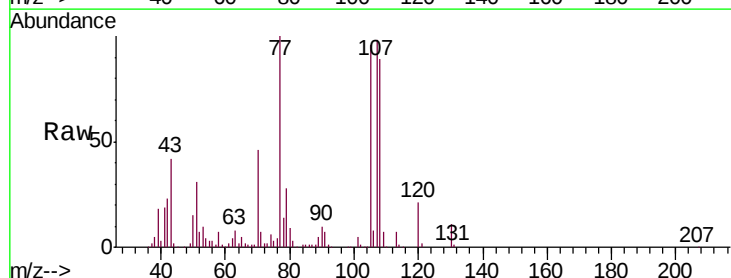
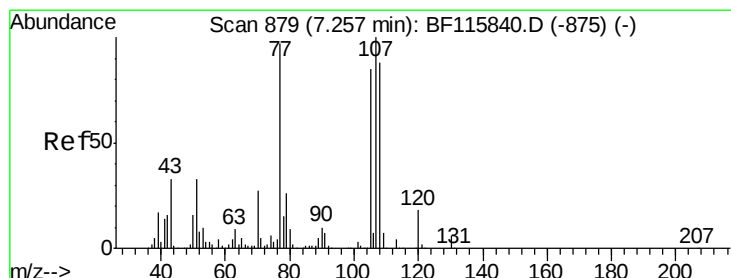
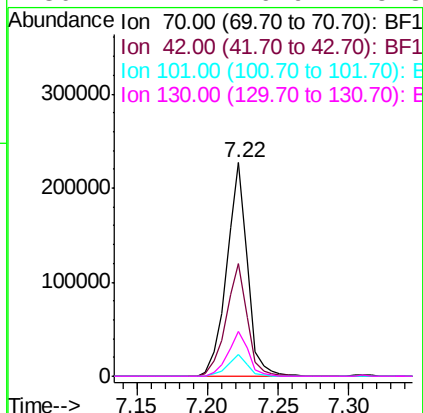




#19
n-Nitroso-di-n-propylamine
Concen: 43.699 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

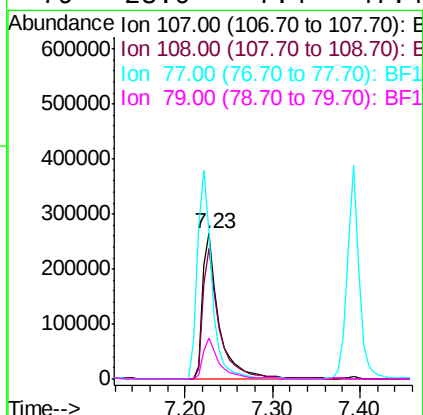
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	70	Resp:	230341
Ion	Ratio	Lower	Upper
70	100		
42	52.9	40.9	61.3
101	9.9	7.9	11.9
130	21.1	16.9	25.3



#20
3+4-Methylphenols
Concen: 45.683 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

Tgt Ion:	107	Resp:	341266
Ion	Ratio	Lower	Upper
107	100		
108	90.3	67.6	107.6
77	101.5	104.4	144.4#
79	28.0	7.4	47.4

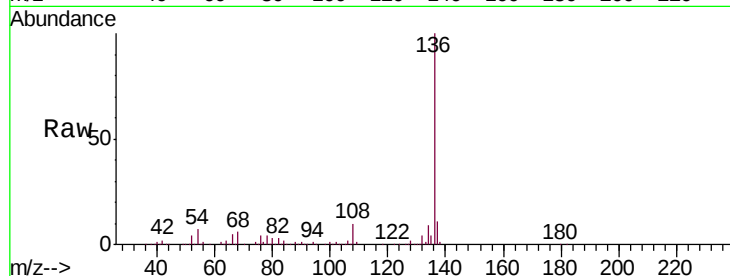




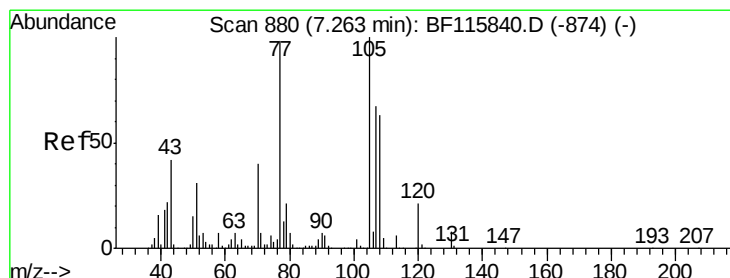
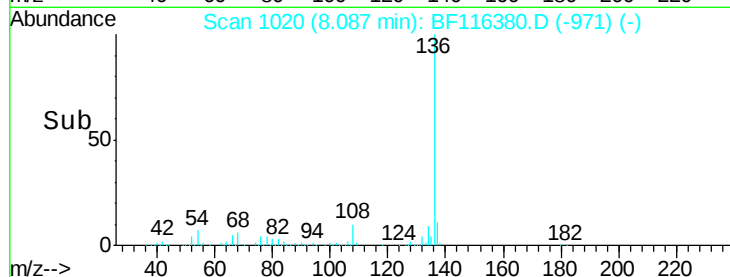
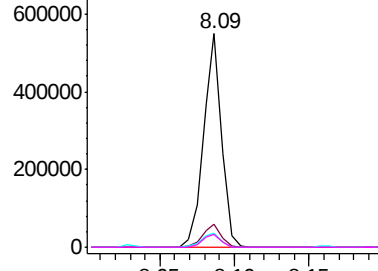
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	467477
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.7	5.8	8.6
68	5.9	5.2	7.8

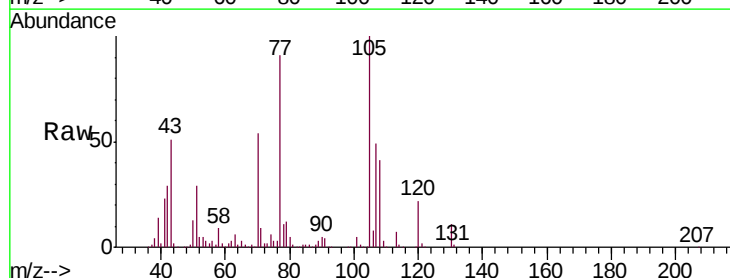


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

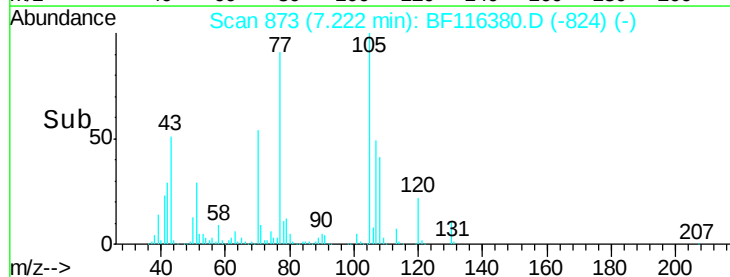
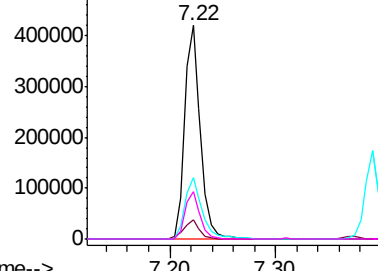


#22
Acetophenone
Concen: 42.876 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

Tgt Ion:	105	Resp:	439583
Ion	Ratio	Lower	Upper
105	100		
71	9.0	5.9	8.9#
51	28.6	25.3	37.9
120	22.0	17.9	26.9



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

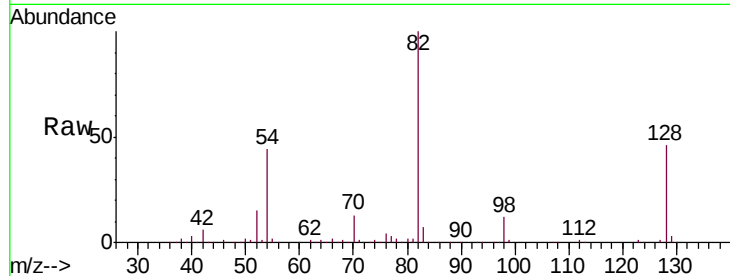




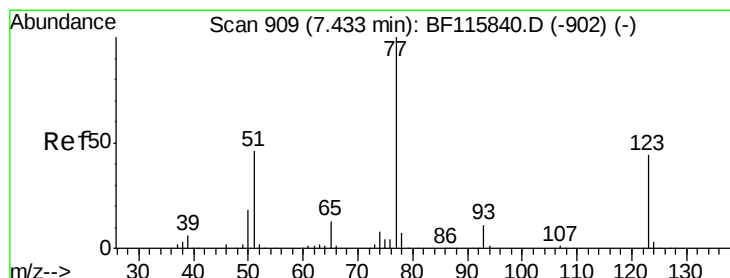
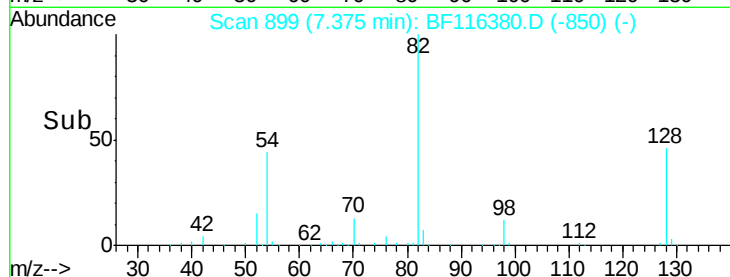
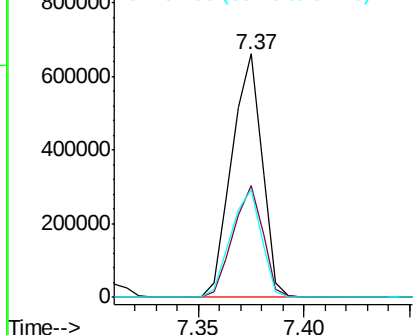
#23
 Nitrobenzene-d5
 Concen: 80.983 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF116380.D
 Acq: 19 Aug 2019 9:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 82 Resp: 655847
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.5 54.7
 54 44.2 36.0 54.0

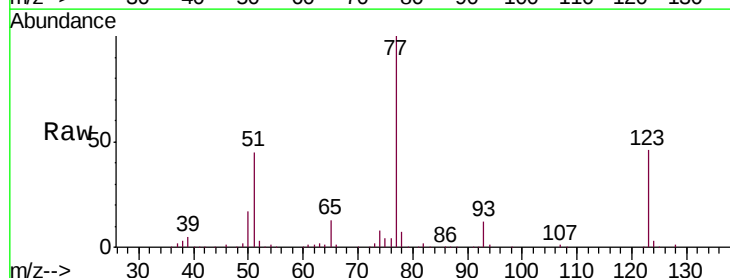


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

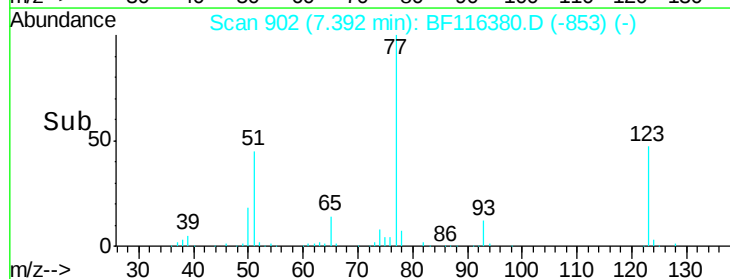
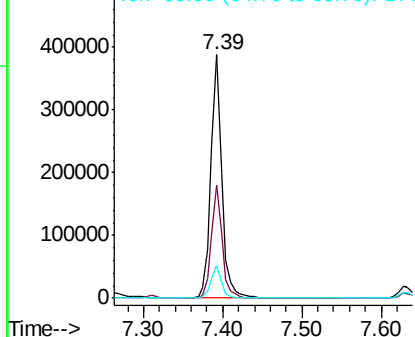


#24
 Nitrobenzene
 Concen: 42.647 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF116380.D
 Acq: 19 Aug 2019 9:24

Tgt Ion: 77 Resp: 372934
 Ion Ratio Lower Upper
 77 100
 123 46.2 36.7 55.1
 65 13.4 10.6 16.0



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: 42.622 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

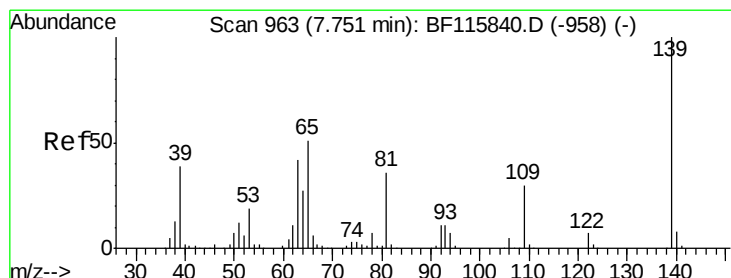
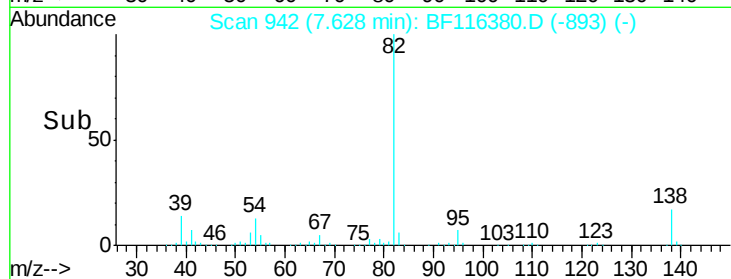
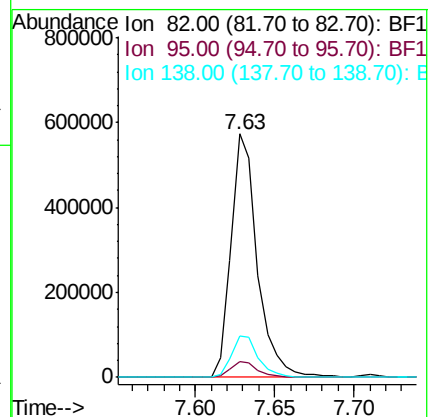
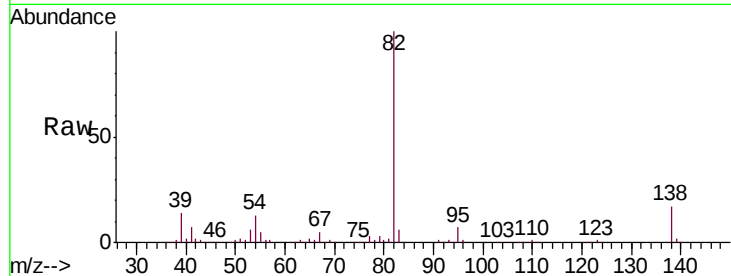
Tgt Ion: 82 Resp: 660033

Ion Ratio Lower Upper

82 100

95 6.5 5.4 8.0

138 16.8 14.5 21.7



#26

2-Nitrophenol

Concen: 43.338 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

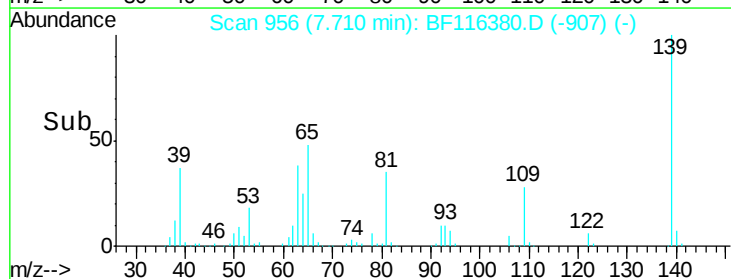
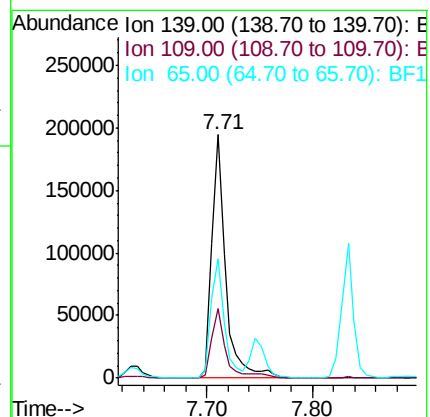
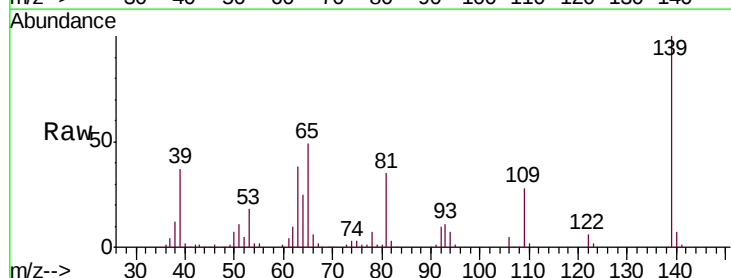
Tgt Ion: 139 Resp: 178640

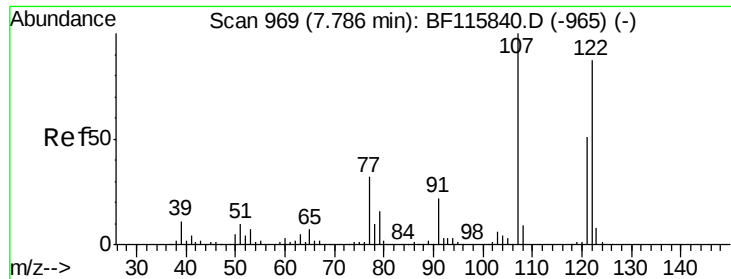
Ion Ratio Lower Upper

139 100

109 28.3 23.4 35.2

65 49.0 41.1 61.7

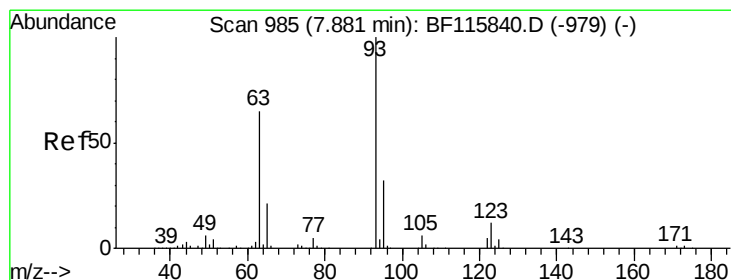
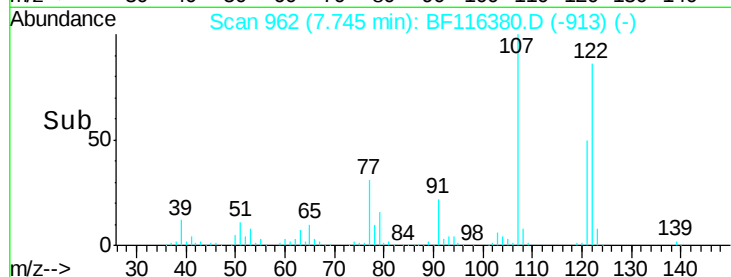
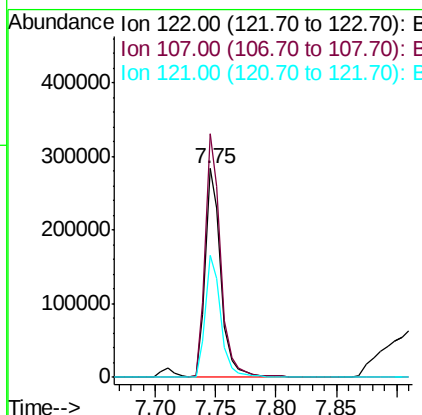
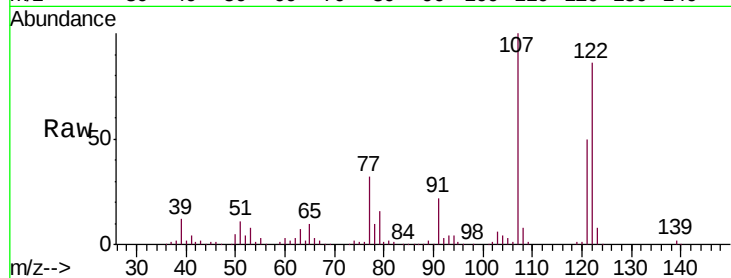




#27
 2,4-Dimethylphenol
 Concen: 41.094 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF116380.D
 Acq: 19 Aug 2019 9:24

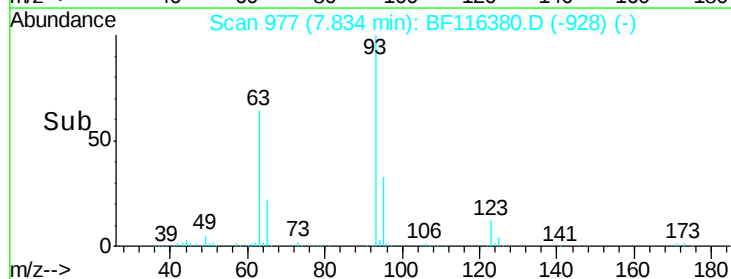
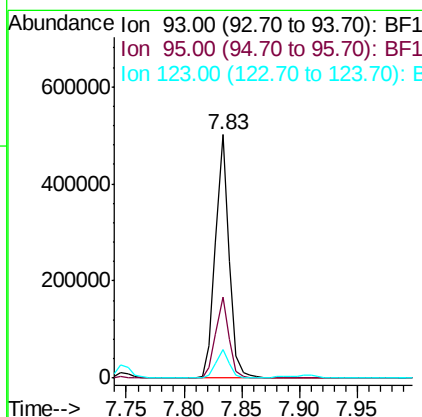
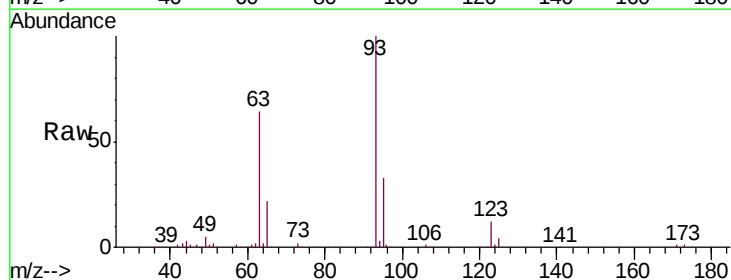
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.5	93.0	139.6
121	58.4	47.6	71.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.054 ng
 RT: 7.83 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BF116380.D
 Acq: 19 Aug 2019 9:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.2	39.4
123	11.6	9.2	13.8

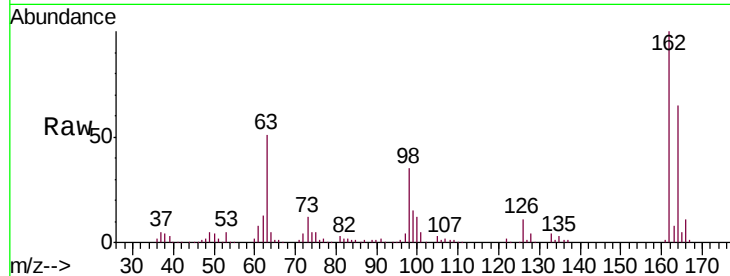




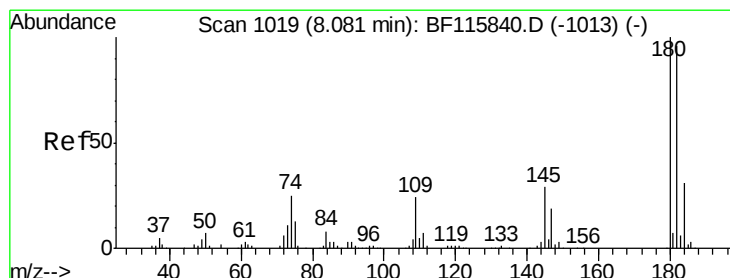
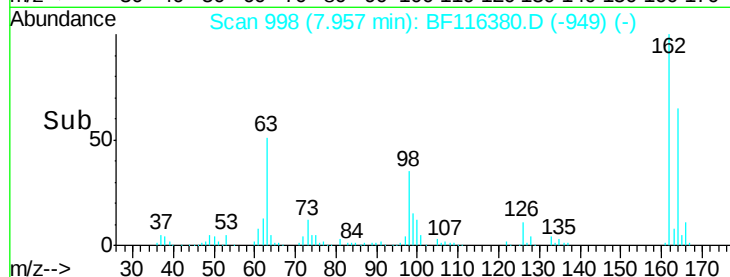
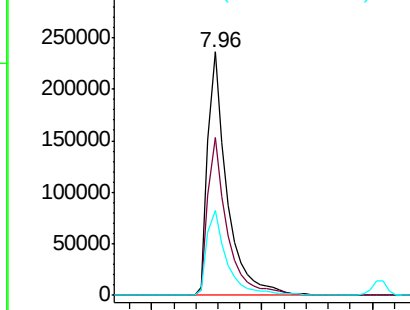
#29
 2,4-Dichlorophenol
 Concen: 42.713 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF116380.D
 Acq: 19 Aug 2019 9:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.7	45.1	85.1
98	34.7	15.8	55.8

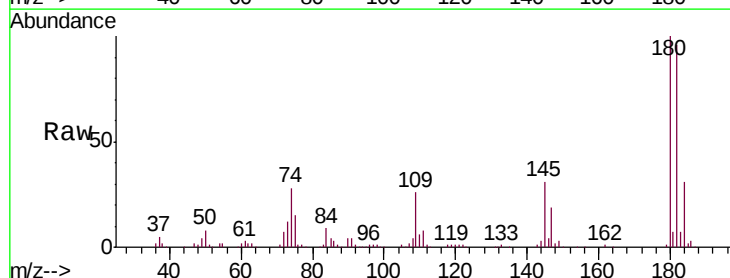


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

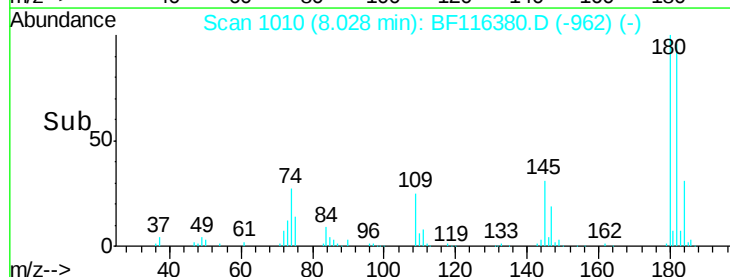
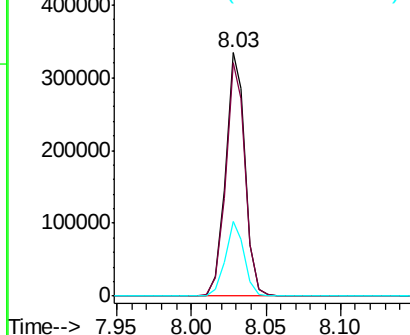


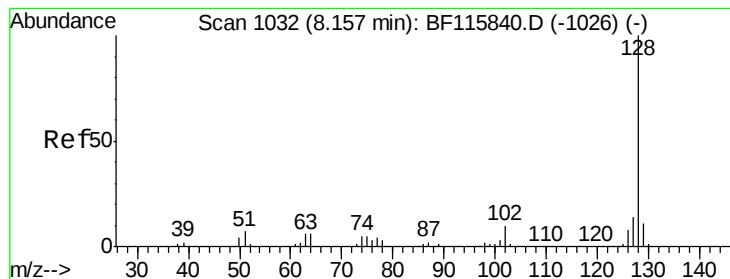
#30
 1,2,4-Trichlorobenzene
 Concen: 41.654 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.02 min
 Lab File: BF116380.D
 Acq: 19 Aug 2019 9:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.7	113.5
145	30.8	24.3	36.5



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.366 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

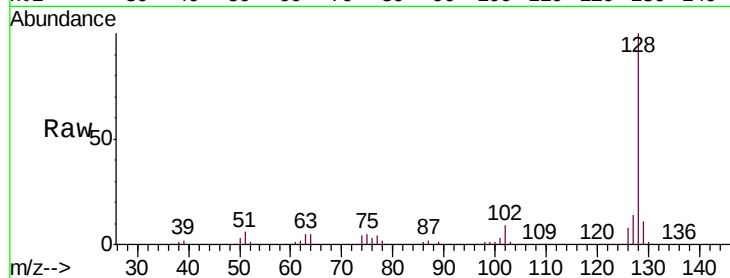
Tgt Ion:128 Resp: 953993

Ion Ratio Lower Upper

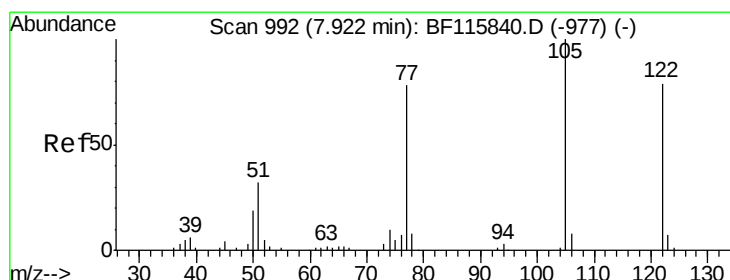
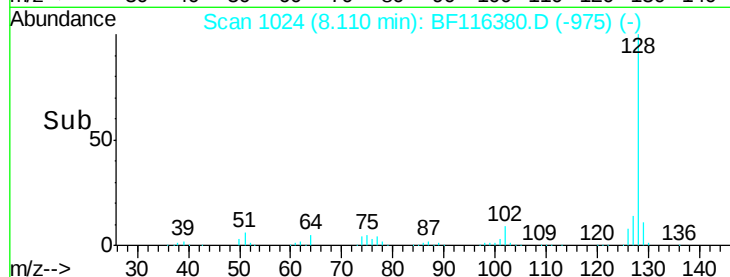
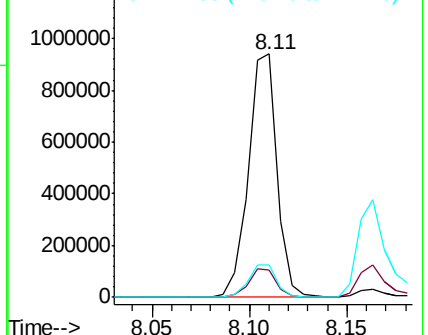
128 100

129 11.2 9.3 13.9

127 13.5 11.4 17.0



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



#32

Benzoic acid

Concen: 33.193 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

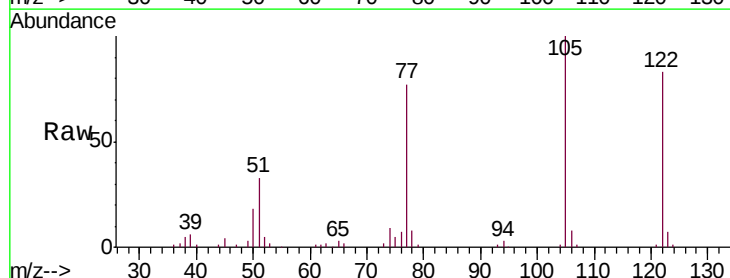
Tgt Ion:122 Resp: 145130

Ion Ratio Lower Upper

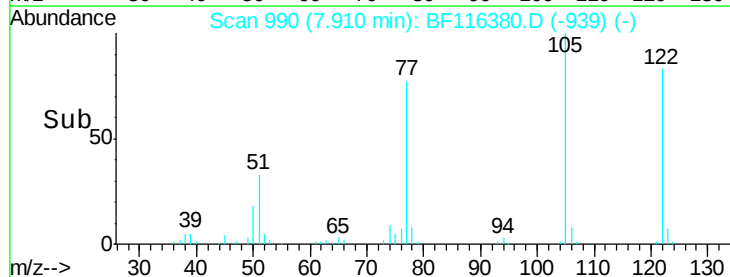
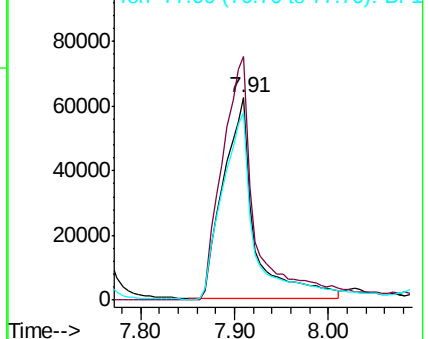
122 100

105 120.5 106.1 146.1

77 92.9 76.7 116.7



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

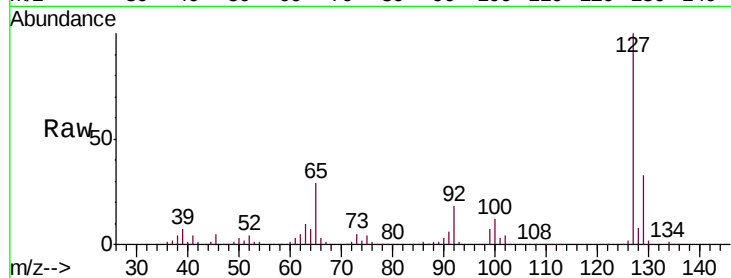




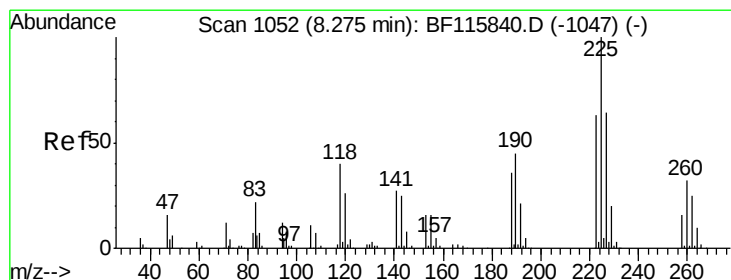
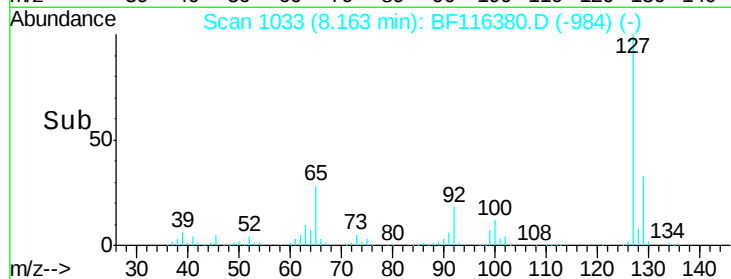
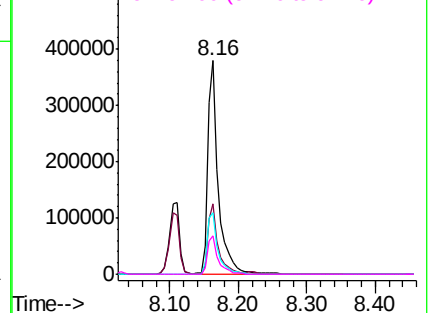
#33
4-Chloroaniline
Concen: 42.176 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	414547
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.1	39.1
65	28.6	24.9	37.3
92	18.1	15.7	23.5

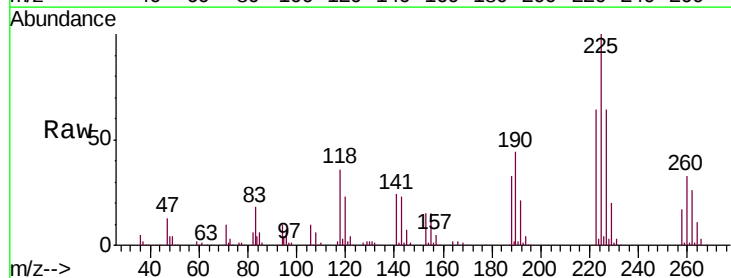


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

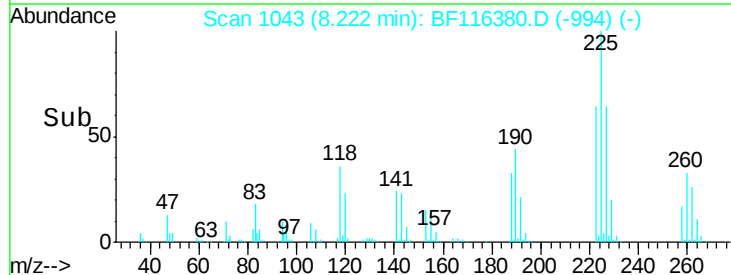
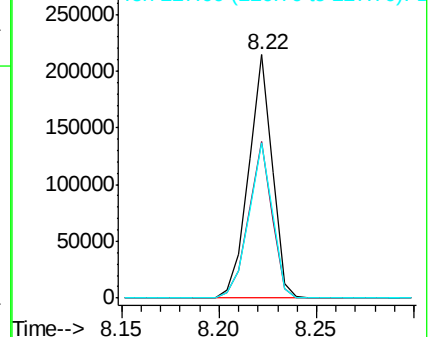


#34
Hexachlorobutadiene
Concen: 41.875 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

Tgt Ion:	225	Resp:	180033
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.0	75.0
227	63.6	51.0	76.4



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

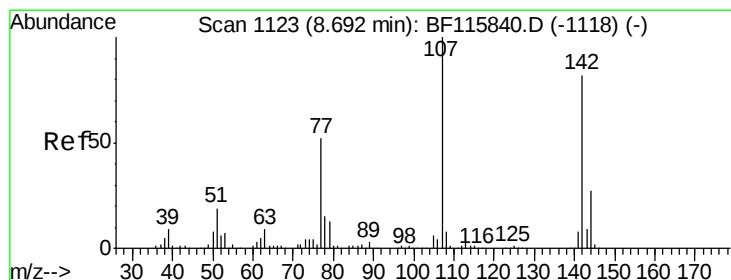
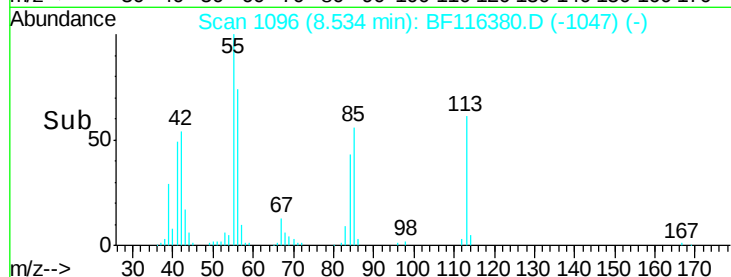
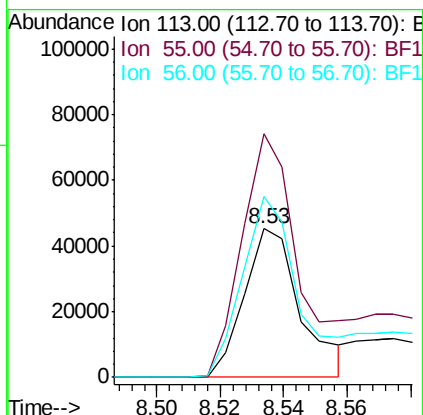
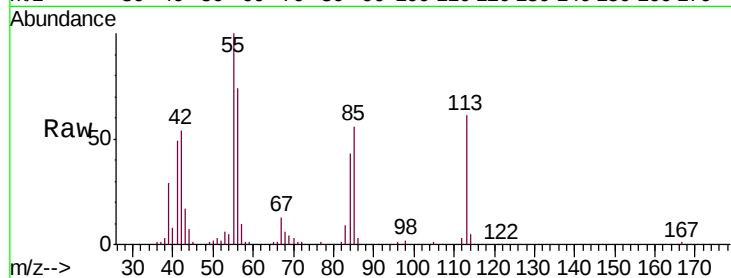




#35
 Caprolactam
 Concen: 26.381 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BF116380.D
 Acq: 19 Aug 2019 9:24

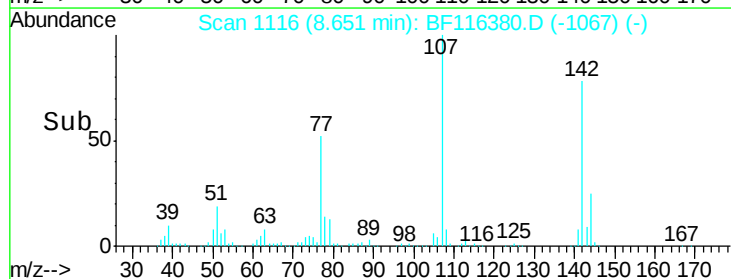
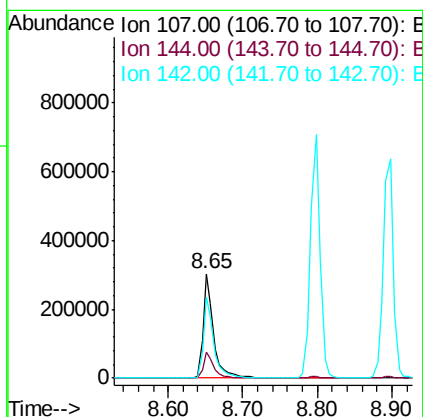
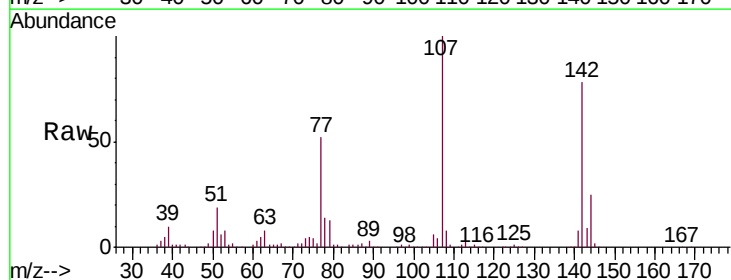
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

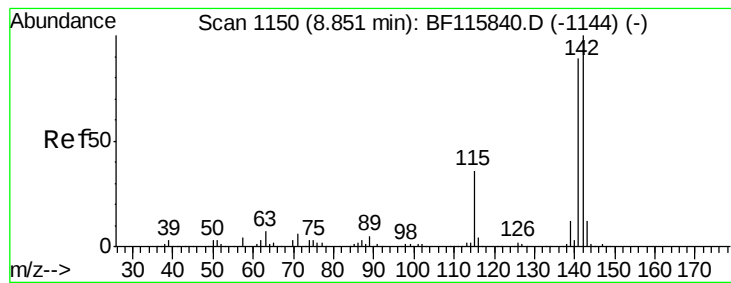
Tgt Ion:113 Resp: 55869
 Ion Ratio Lower Upper
 113 100
 55 163.7 144.3 184.3
 56 121.9 97.1 137.1



#36
 4-Chloro-3-methylphenol
 Concen: 43.445 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. -0.01 min
 Lab File: BF116380.D
 Acq: 19 Aug 2019 9:24

Tgt Ion:107 Resp: 295951
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.2 30.2
 142 77.9 61.7 92.5

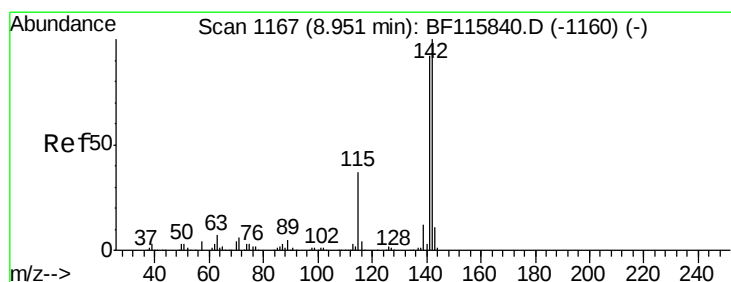
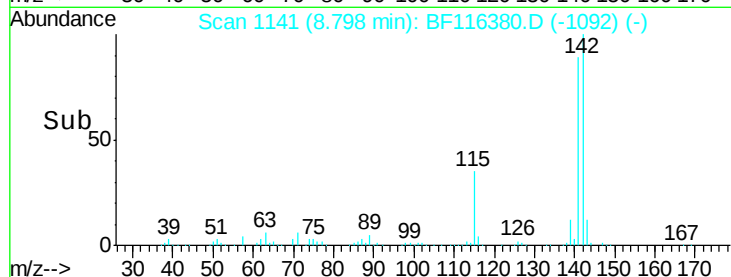
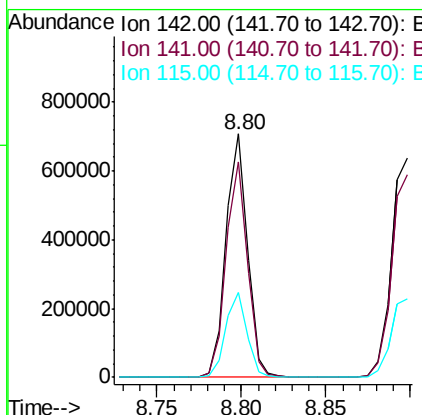
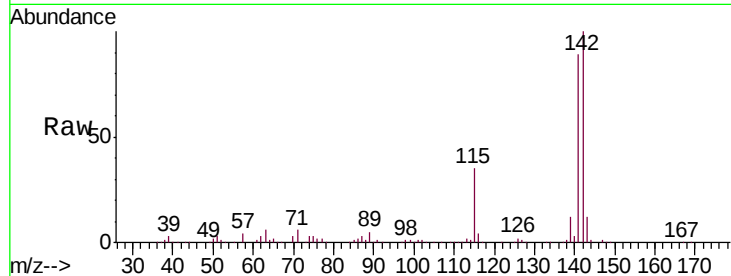




#37
2-Methylnaphthalene
Concen: 43.063 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

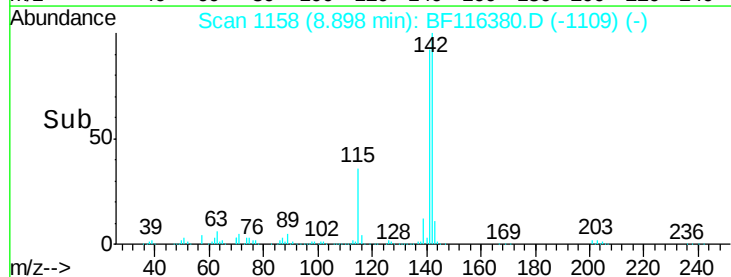
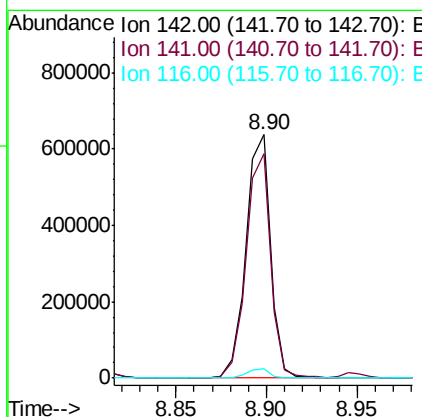
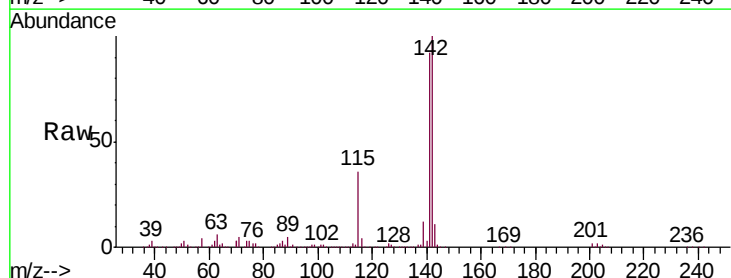
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

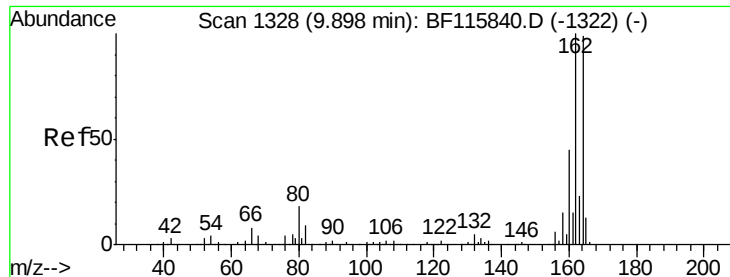
Tgt Ion:142 Resp: 623893
Ion Ratio Lower Upper
142 100
141 88.5 70.9 106.3
115 34.7 29.0 43.6



#38
1-Methylnaphthalene
Concen: 43.578 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

Tgt Ion:142 Resp: 597289
Ion Ratio Lower Upper
142 100
141 92.1 74.4 111.6
116 3.7 3.1 4.7

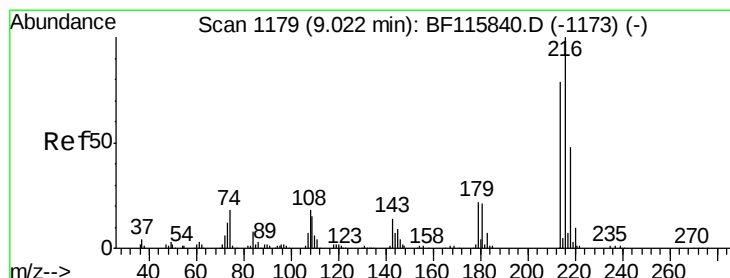
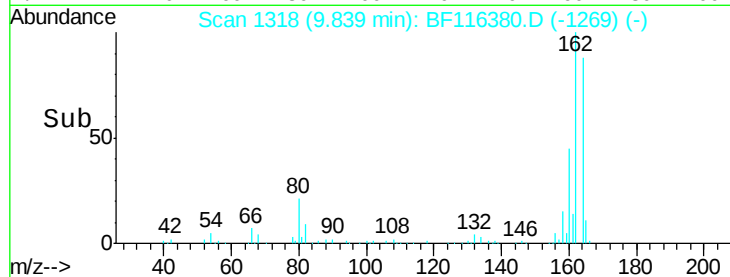
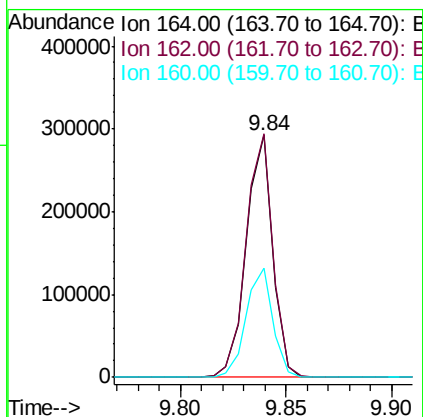
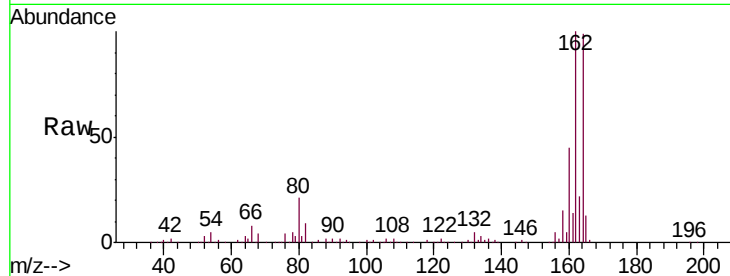




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF116380.D
 Acq: 19 Aug 2019 9:24

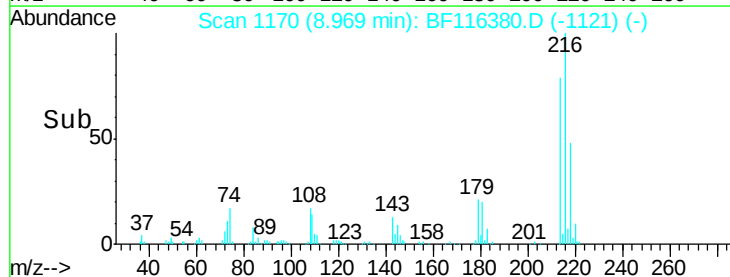
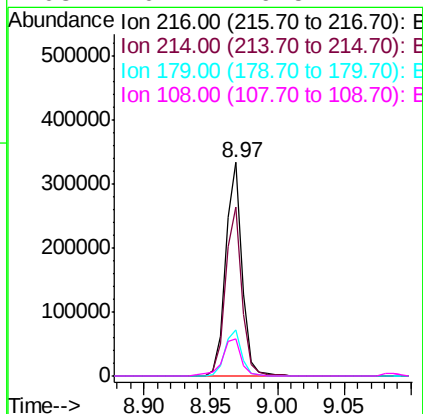
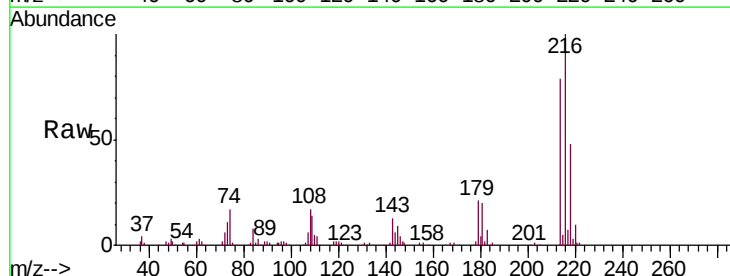
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	82.6	124.0
160	45.1	37.6	56.4



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.463 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF116380.D
 Acq: 19 Aug 2019 9:24

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.6	95.4
179	21.9	17.8	26.8
108	20.2	16.5	24.7





#41

Hexachlorocyclopentadiene

Concen: 32.462 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

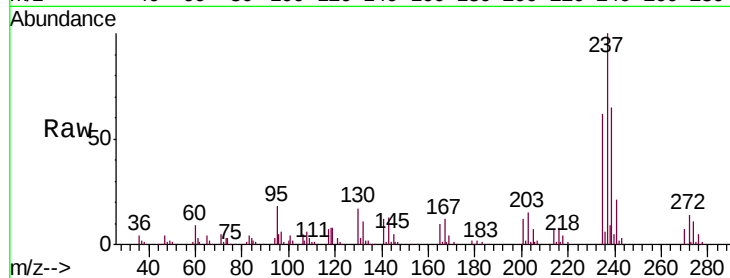
Tgt Ion: 237 Resp: 87509

Ion Ratio Lower Upper

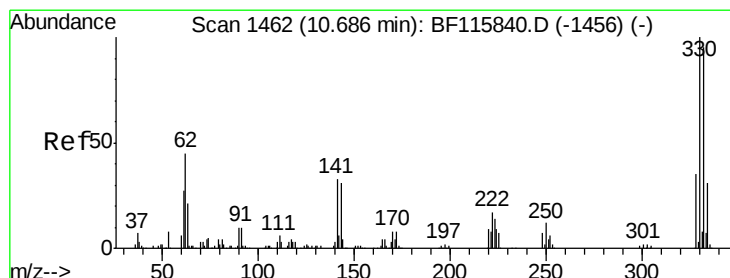
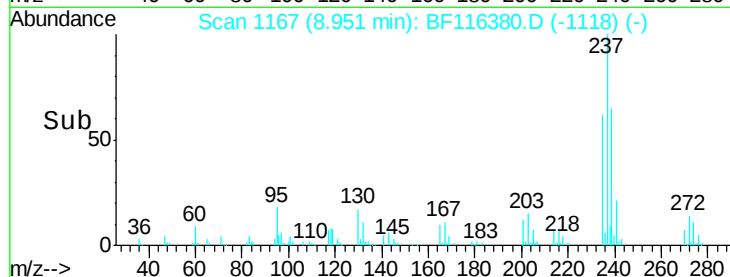
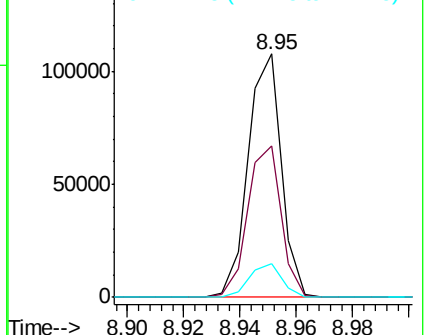
237 100

235 62.4 43.4 83.4

272 13.9 0.0 33.2



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: 82.475 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.02 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

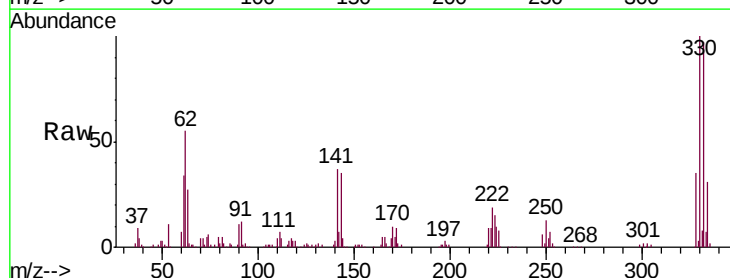
Tgt Ion: 330 Resp: 203419

Ion Ratio Lower Upper

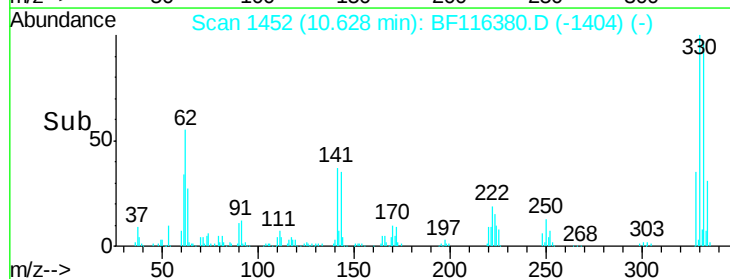
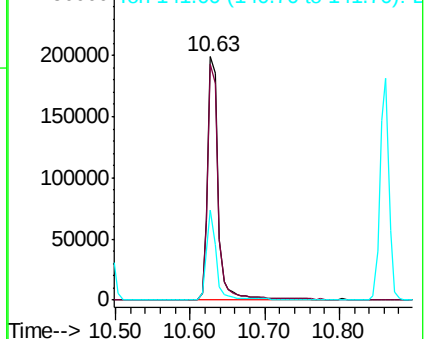
330 100

332 95.8 76.8 115.2

141 33.2 26.3 39.5



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

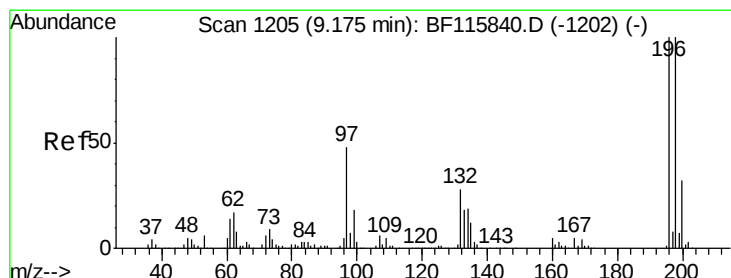
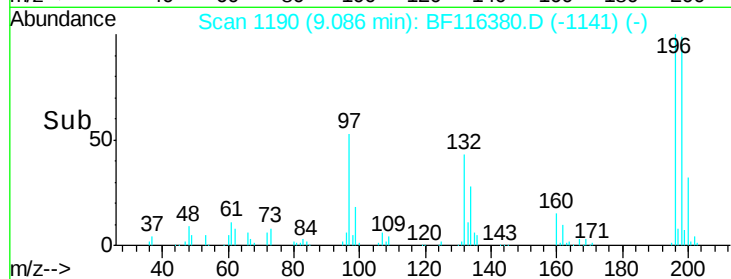
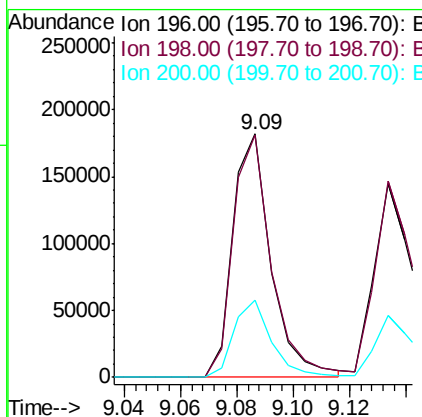
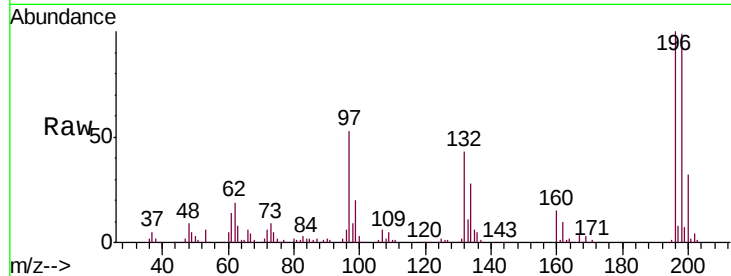




#43
 2,4,6-Trichlorophenol
 Concen: 36.726 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF116380.D
 Acq: 19 Aug 2019 9:24

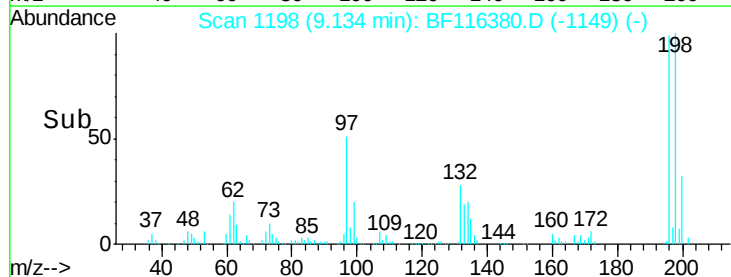
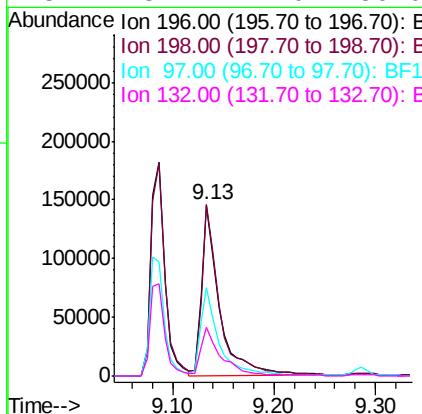
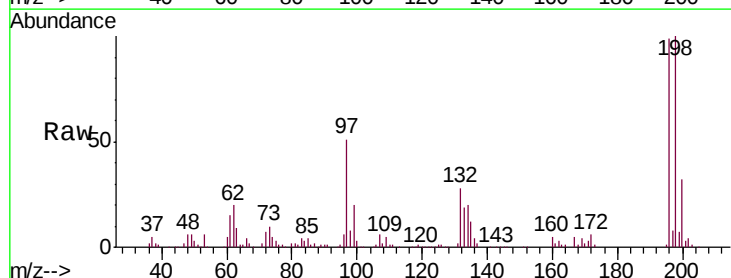
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.4	79.2	118.8
200	31.5	25.2	37.8



#44
 2,4,5-Trichlorophenol
 Concen: 36.487 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF116380.D
 Acq: 19 Aug 2019 9:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.8	78.8	118.2
97	51.7	42.2	63.4
132	28.7	24.0	36.0

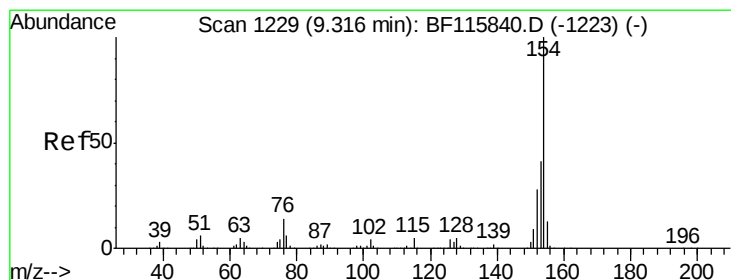
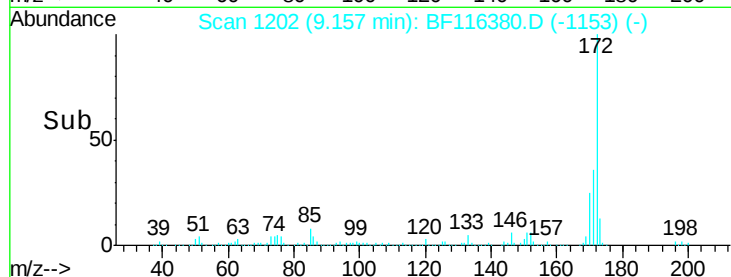
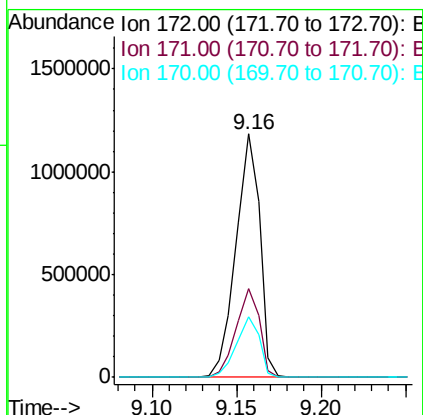
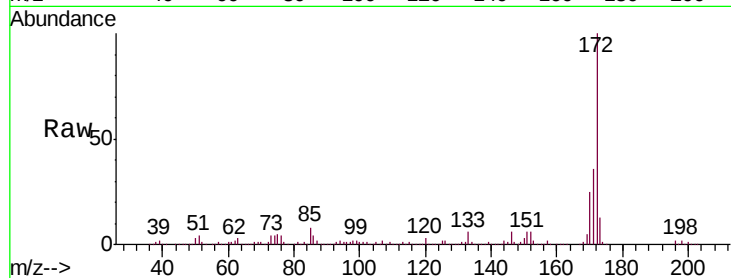




#45
2-Fluorobiphenyl
Concen: 85.664 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

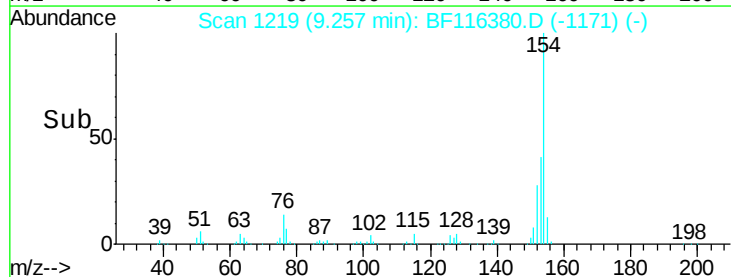
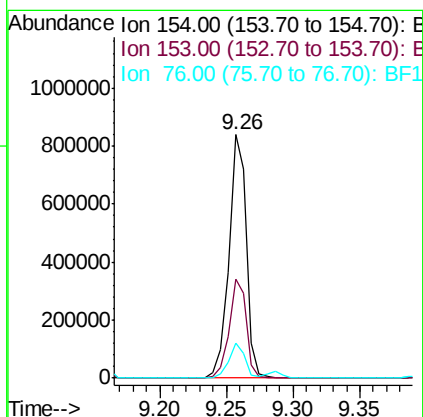
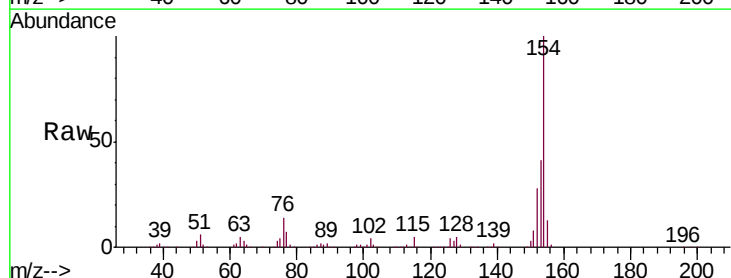
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

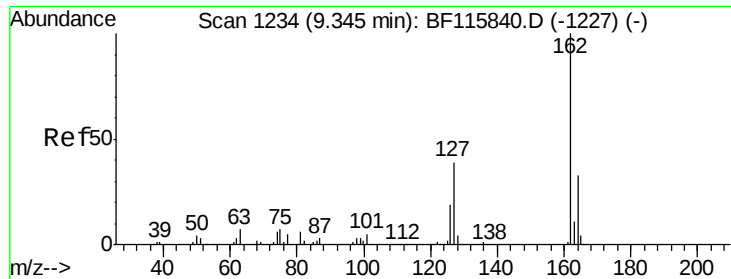
Tgt Ion:172 Resp: 1163473
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 25.0 20.1 30.1



#46
1,1'-Biphenyl
Concen: 42.922 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

Tgt Ion:154 Resp: 770893
Ion Ratio Lower Upper
154 100
153 40.6 21.4 61.4
76 14.3 0.0 35.2

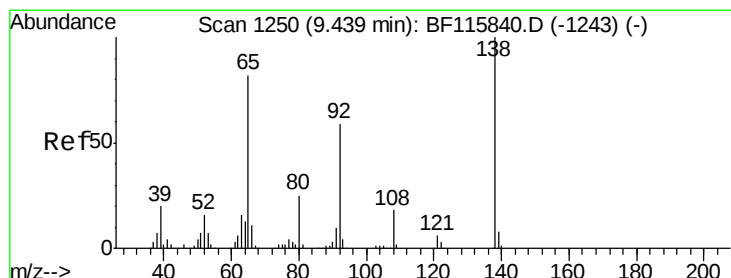
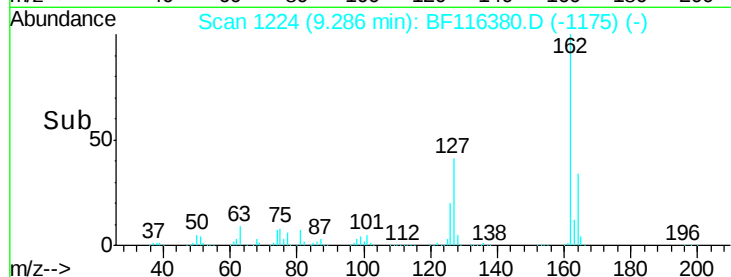
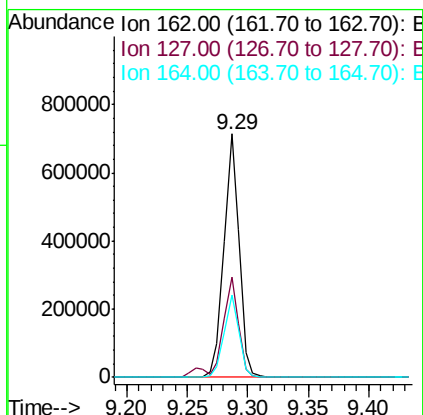
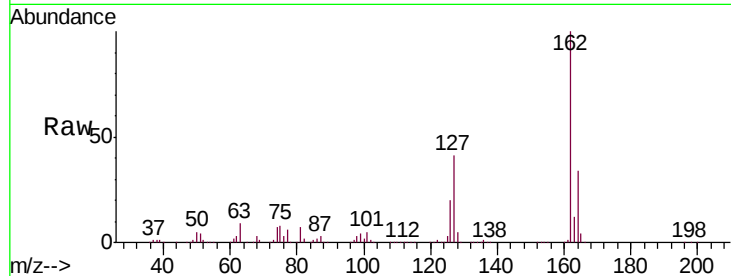




#47
 2-Chloronaphthalene
 Concen: 41.572 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF116380.D
 Acq: 19 Aug 2019 9:24

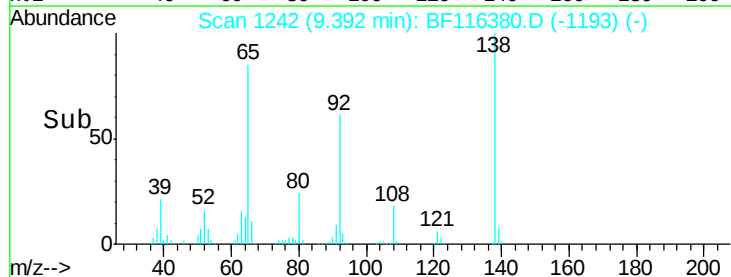
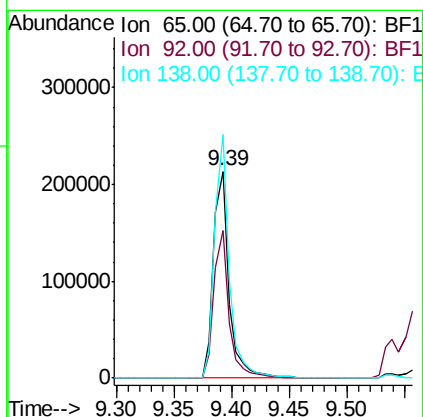
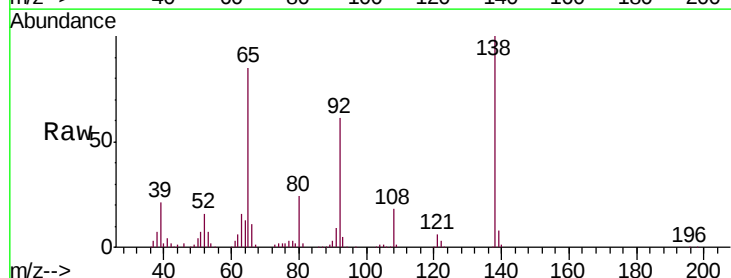
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

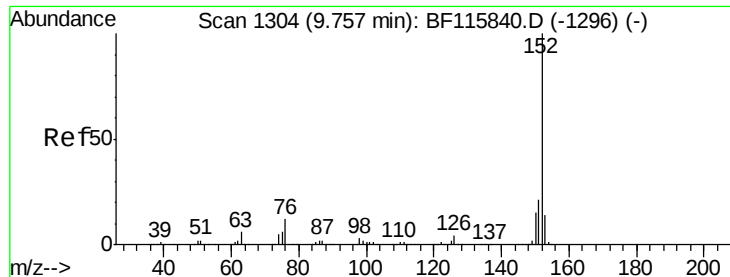
Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.2	32.8	49.2
164	33.7	26.6	39.8



#48
 2-Nitroaniline
 Concen: 40.674 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF116380.D
 Acq: 19 Aug 2019 9:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.2	57.8	86.8
138	117.7	94.0	141.0





#49

Acenaphthylene

Concen: 42.054 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

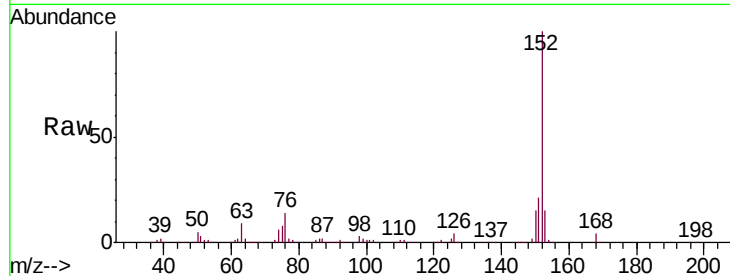
Tgt Ion:152 Resp: 917114

Ion Ratio Lower Upper

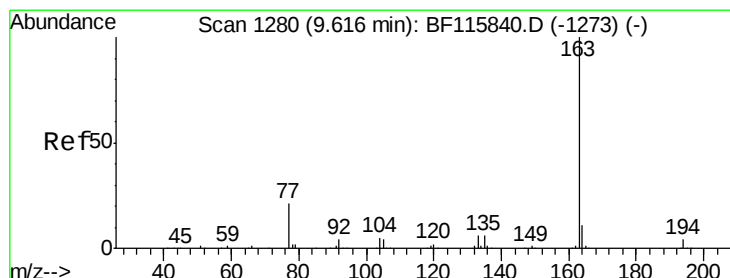
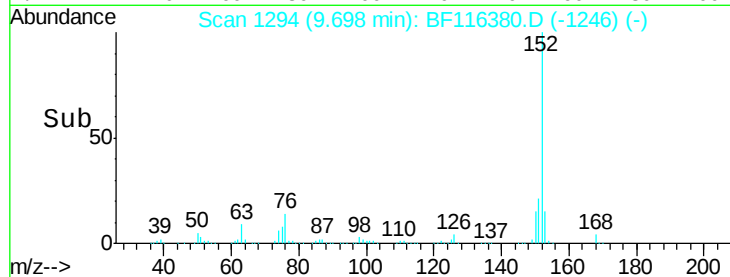
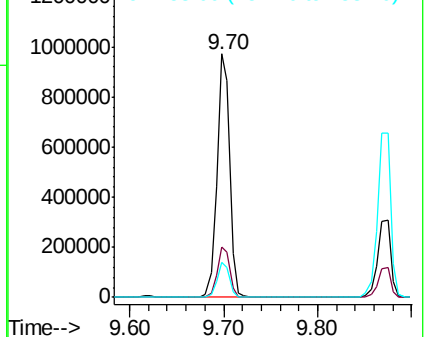
152 100

151 20.9 17.2 25.8

153 14.5 11.8 17.8



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



#50

Dimethylphthalate

Concen: 42.127 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

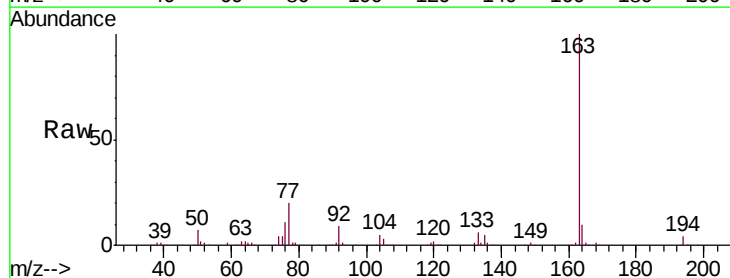
Tgt Ion:163 Resp: 729701

Ion Ratio Lower Upper

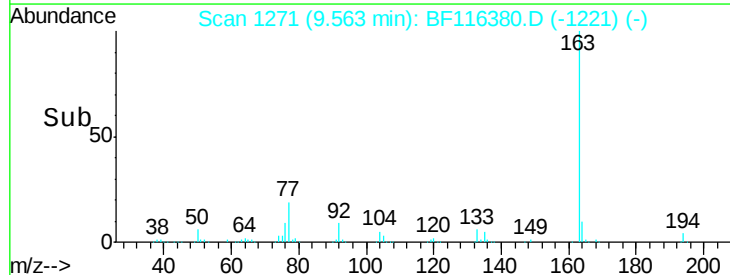
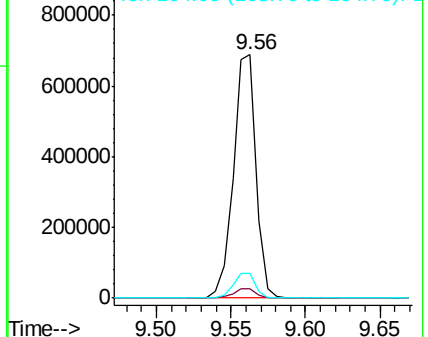
163 100

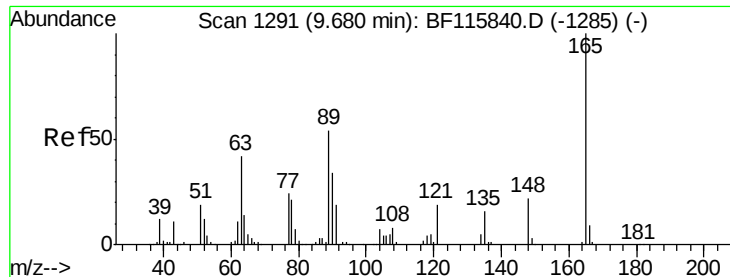
194 4.0 3.0 4.6

164 10.2 8.4 12.6



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

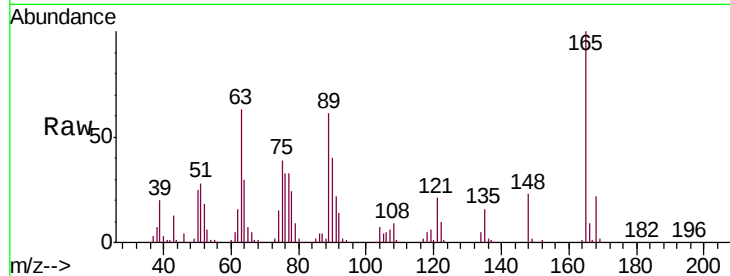




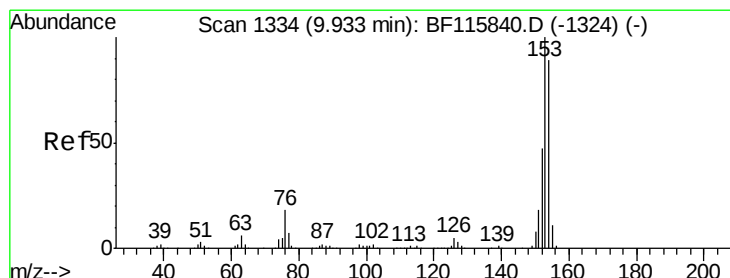
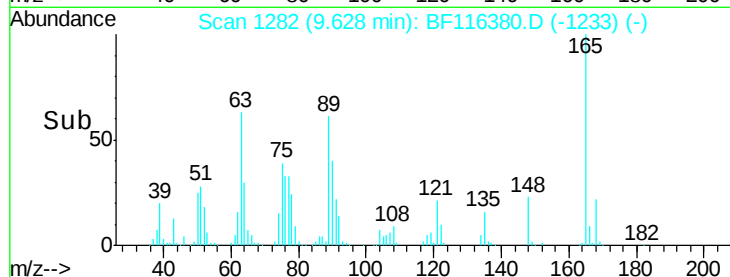
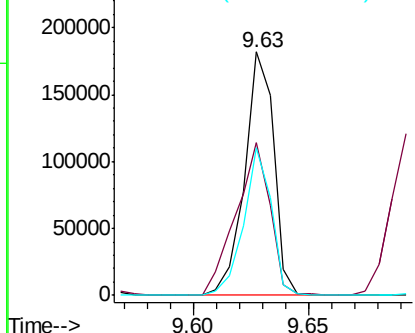
#51
2,6-Dinitrotoluene
Concen: 42.638 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 160502
Ion Ratio Lower Upper
165 100
63 62.6 38.2 57.2#
89 60.5 42.9 64.3

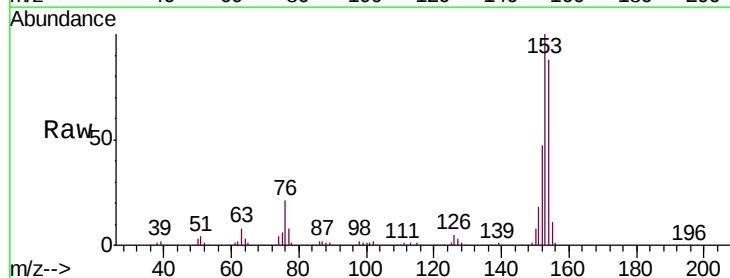


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

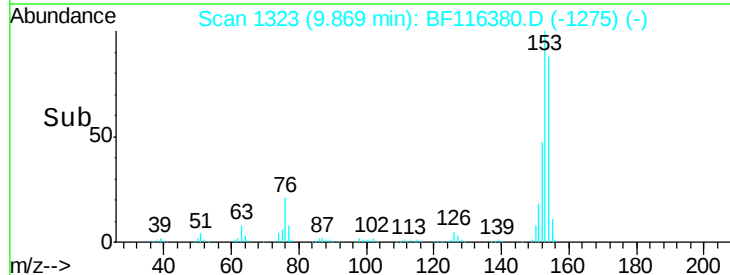
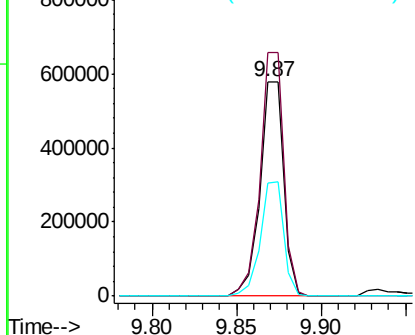


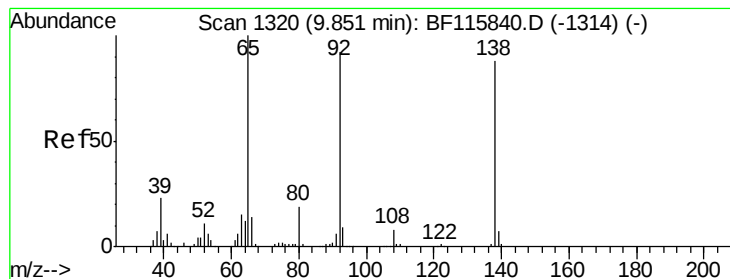
#52
Acenaphthene
Concen: 42.334 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

Tgt Ion:154 Resp: 566380
Ion Ratio Lower Upper
154 100
153 113.1 89.4 134.0
152 52.6 42.3 63.5



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: 40.484 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

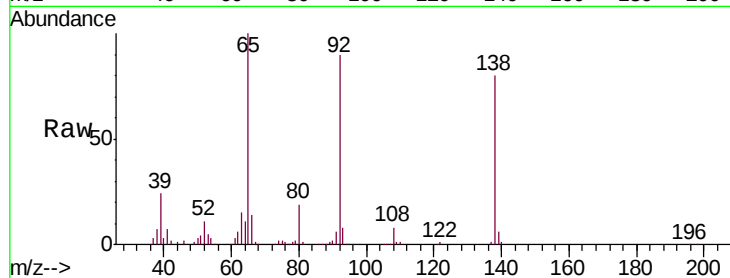
Tgt Ion:138 Resp: 188298

Ion Ratio Lower Upper

138 100

108 10.1 8.0 12.0

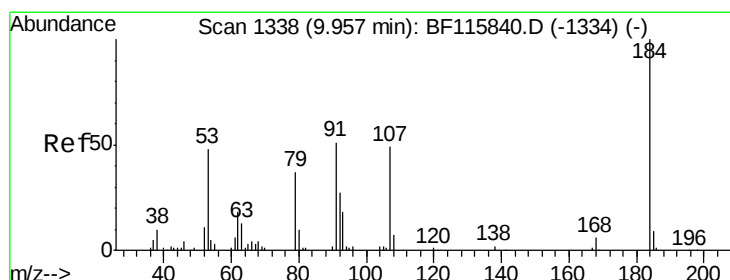
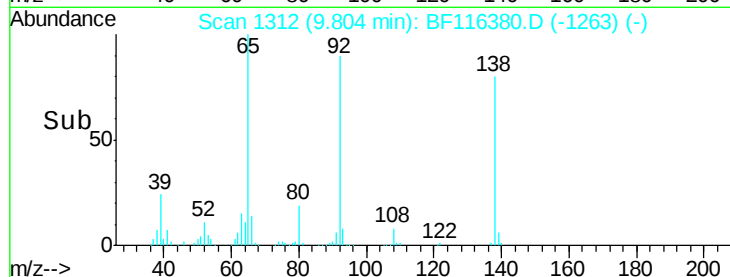
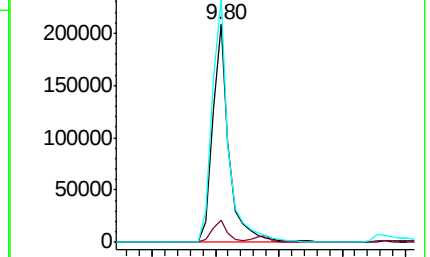
92 112.0 91.0 136.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 32.221 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

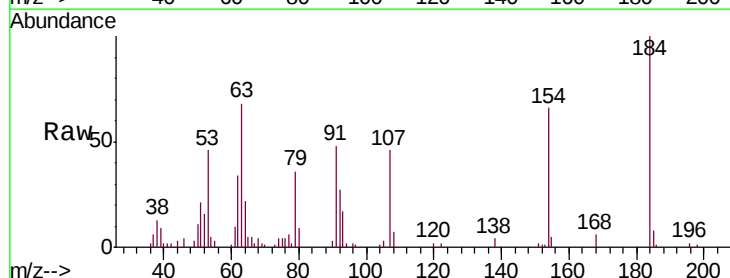
Tgt Ion:184 Resp: 51790

Ion Ratio Lower Upper

184 100

63 68.3 53.0 79.4

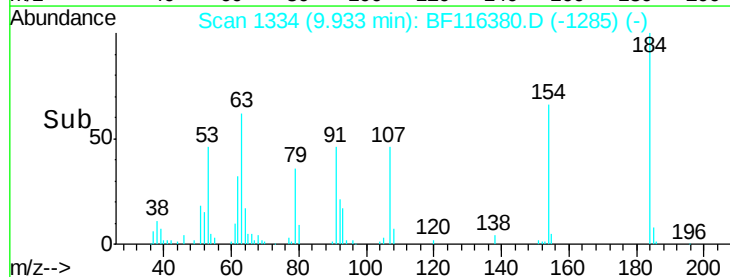
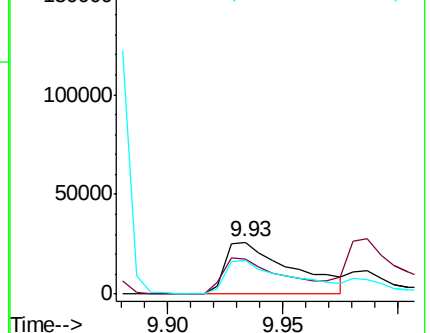
154 65.8 50.1 75.1

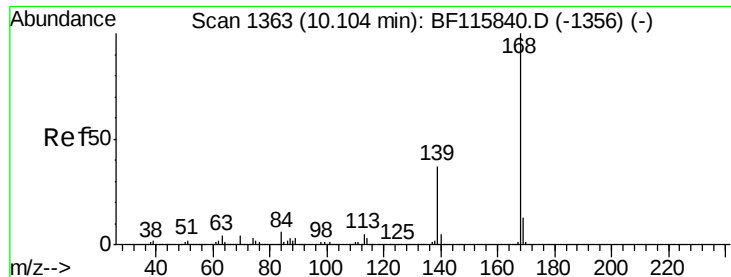


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 40.878 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

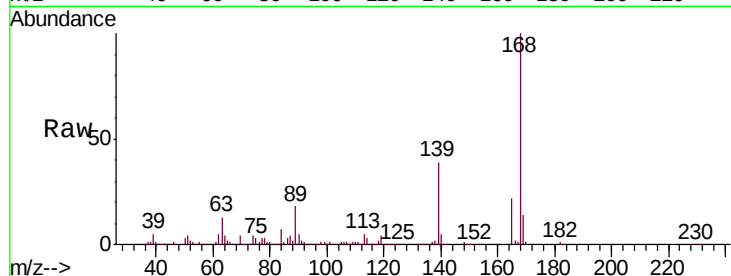
Tgt Ion:168 Resp: 795338

Ion Ratio Lower Upper

168 100

139 39.0 31.4 47.2

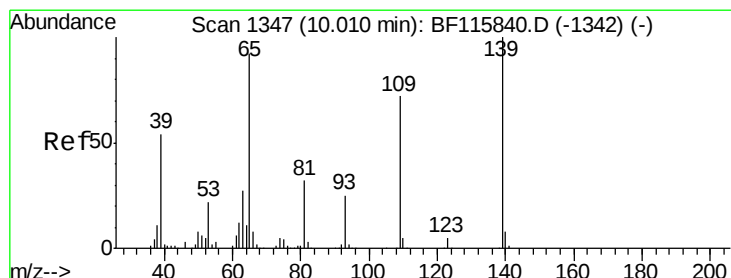
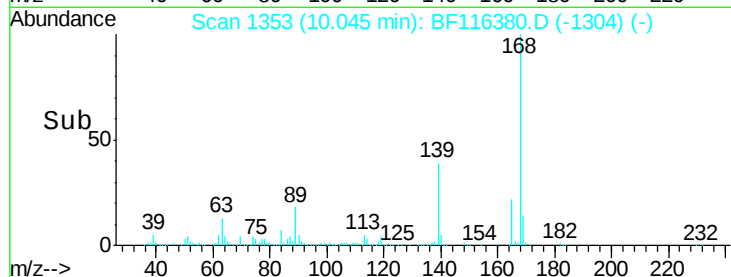
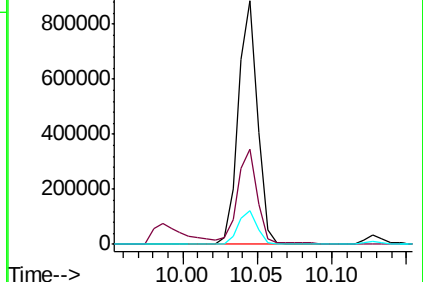
169 13.8 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 38.986 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

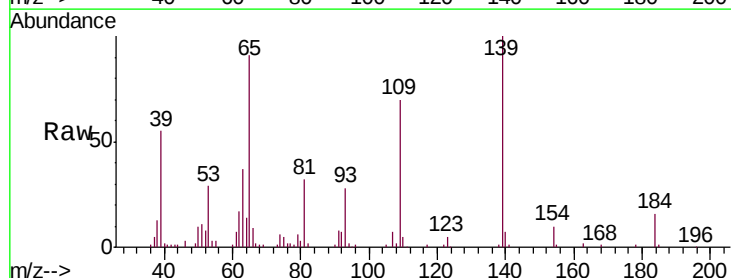
Tgt Ion:139 Resp: 116161

Ion Ratio Lower Upper

139 100

109 70.2 54.4 94.4

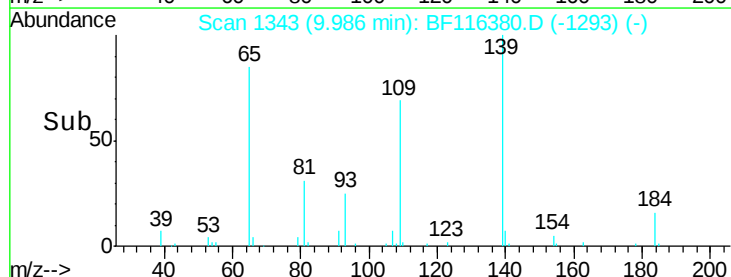
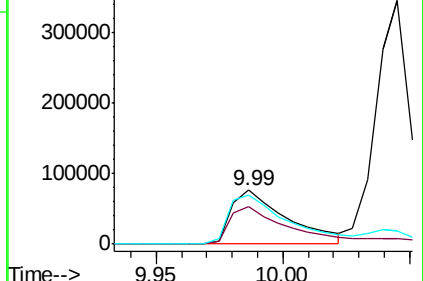
65 91.5 80.6 120.6

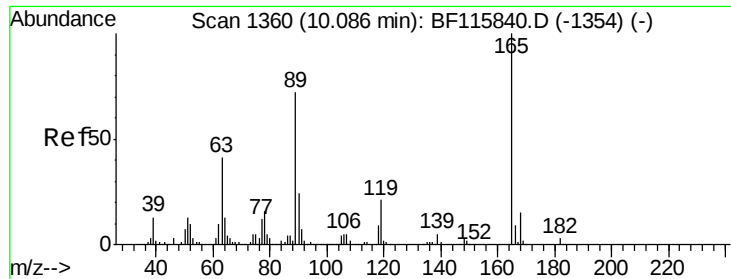


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

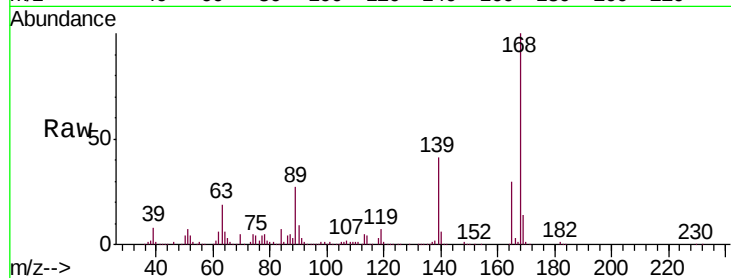




#57
 2,4-Dinitrotoluene
 Concen: 39.760 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. -0.01 min
 Lab File: BF116380.D
 Acq: 19 Aug 2019 9:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
165	100		
63	62.8	39.6	59.4
89	88.0	62.2	93.2
182	2.5	2.1	3.1



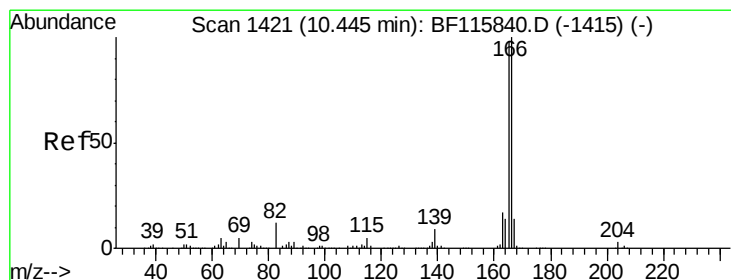
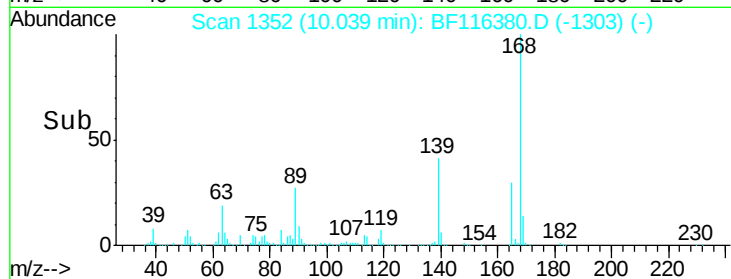
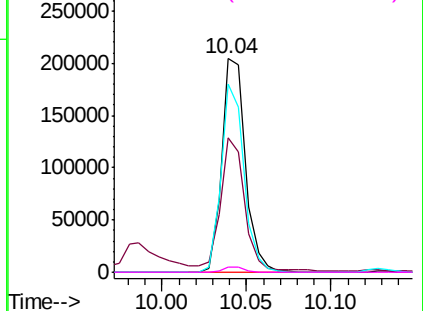
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

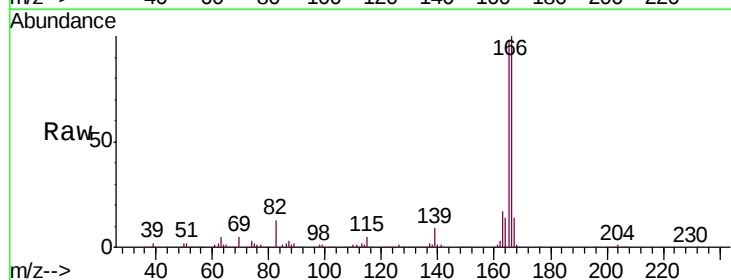
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 44.219 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF116380.D
 Acq: 19 Aug 2019 9:24

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.4	117.6
167	13.6	11.0	16.4

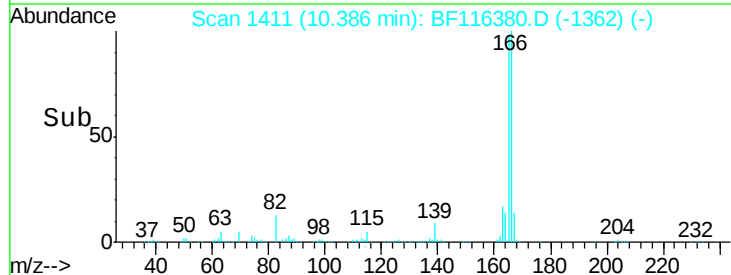
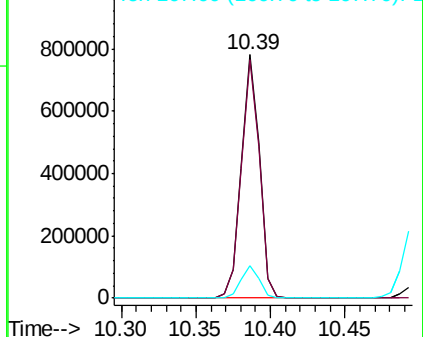


Abundance

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

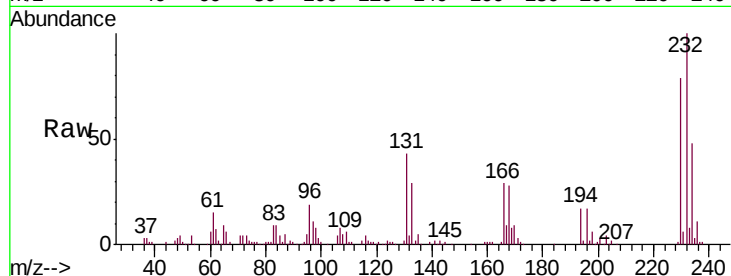




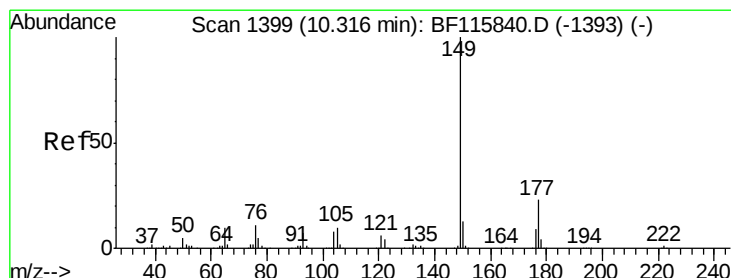
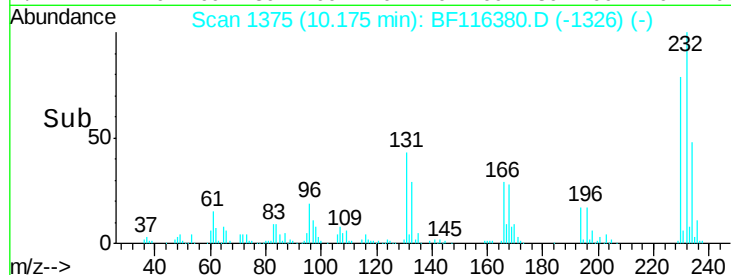
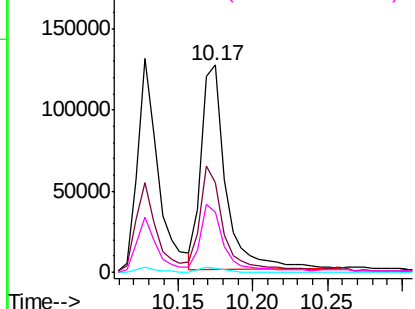
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 35.341 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF116380.D
 Acq: 19 Aug 2019 9:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	232	Resp:	143878
Ion	Ratio	Lower	Upper
232	100		
131	51.1	36.2	54.2
130	2.4	1.9	2.9
166	30.1	23.0	34.4

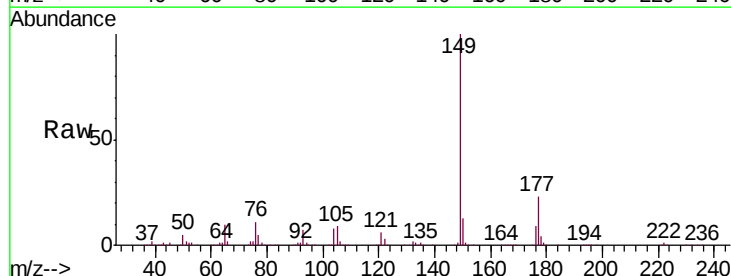


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

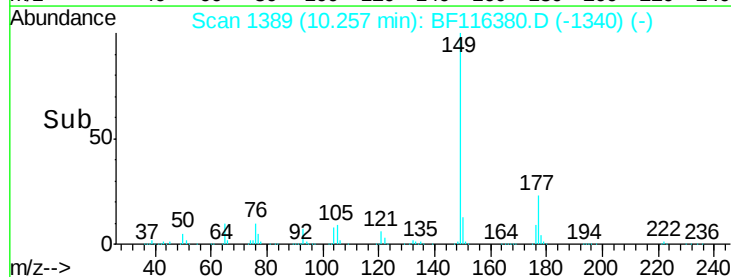
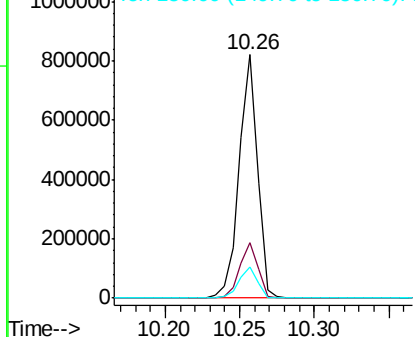


#60
 Diethylphthalate
 Concen: 43.885 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF116380.D
 Acq: 19 Aug 2019 9:24

Tgt Ion:	149	Resp:	709704
Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.8	28.2
150	12.6	10.2	15.4



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

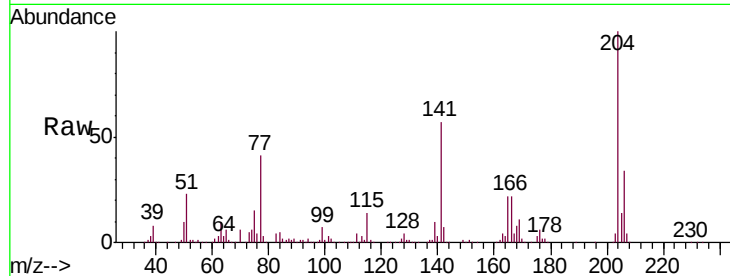




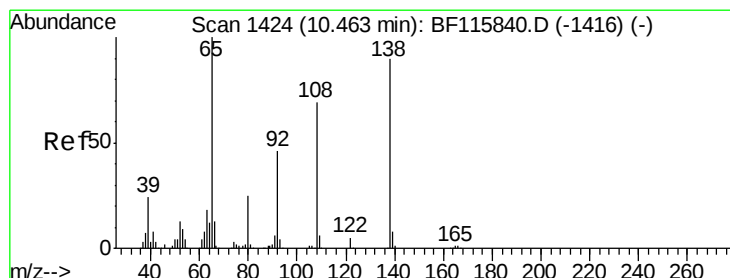
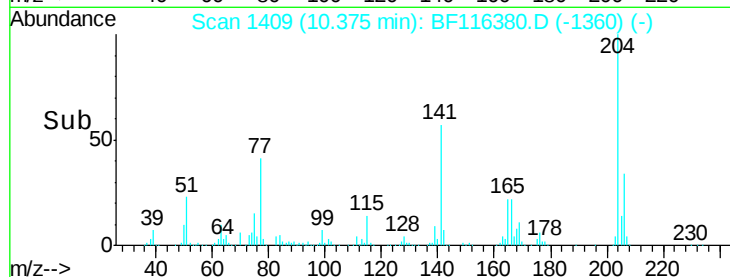
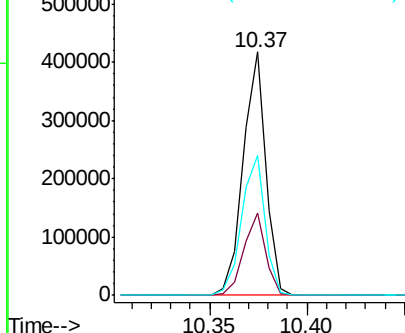
#61
 4-Chlorophenyl-phenylether
 Concen: 44.486 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF116380.D
 Acq: 19 Aug 2019 9:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 204 Resp: 337256
 Ion Ratio Lower Upper
 204 100
 206 33.6 26.4 39.6
 141 57.3 46.4 69.6

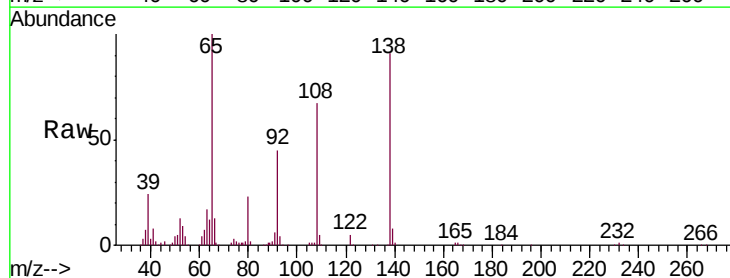


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

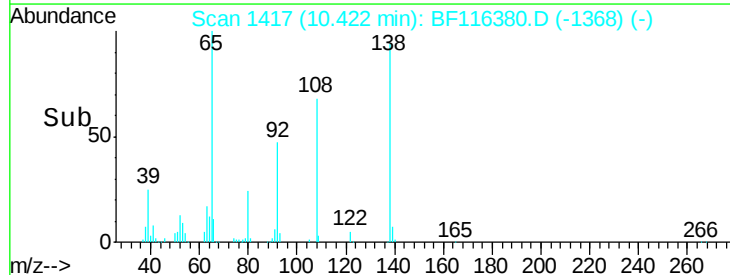
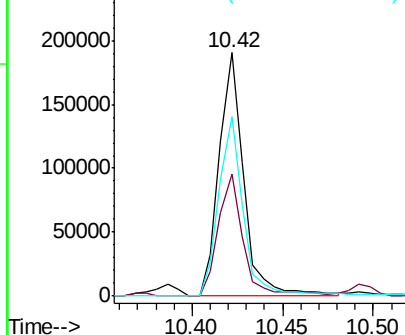


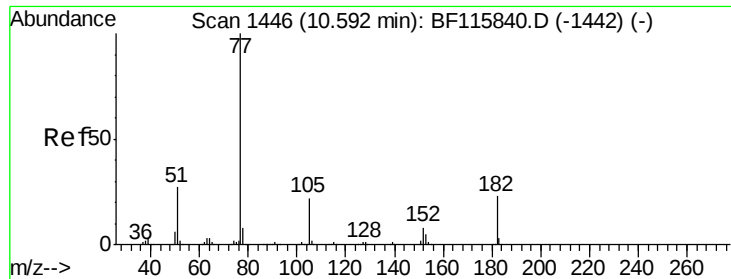
#62
 4-Nitroaniline
 Concen: 37.001 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF116380.D
 Acq: 19 Aug 2019 9:24

Tgt Ion: 138 Resp: 177857
 Ion Ratio Lower Upper
 138 100
 92 50.0 29.0 69.0
 108 73.7 54.7 94.7



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

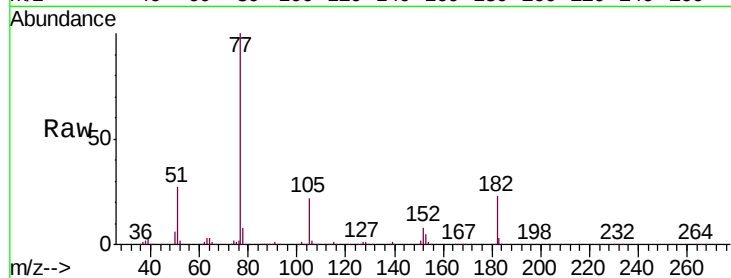




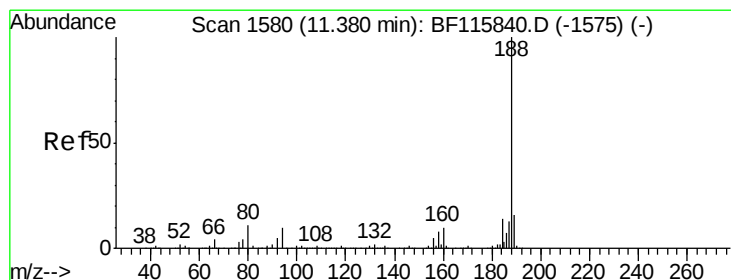
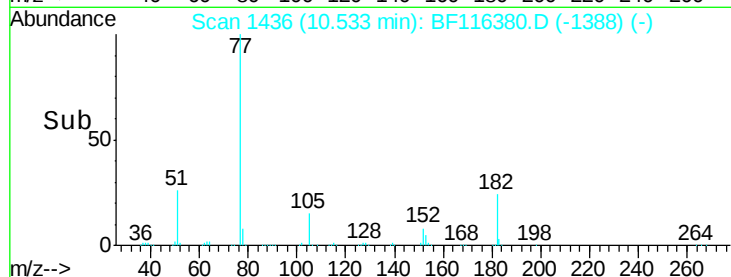
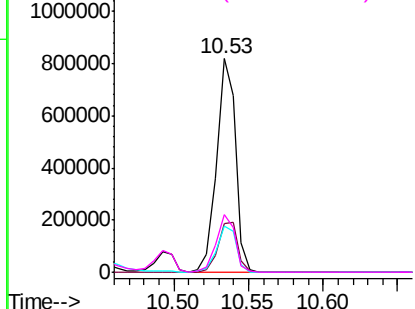
#63
Azobenzene
Concen: 43.647 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	77	Resp:	726008
Ion	Ratio	Lower	Upper
77	100		
182	22.9	4.0	44.0
105	21.7	2.0	42.0
51	26.8	7.5	47.5

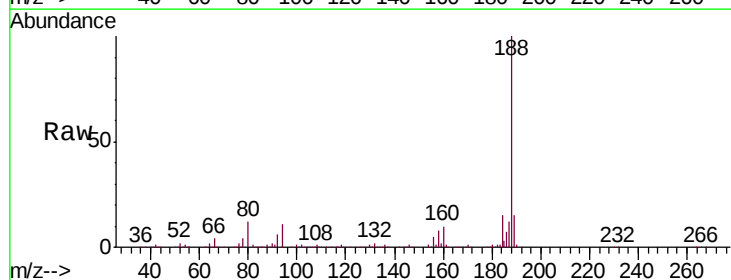


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

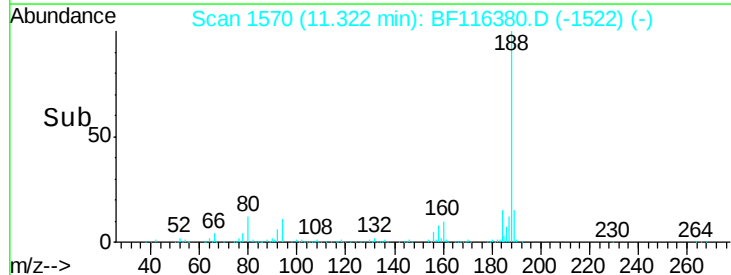
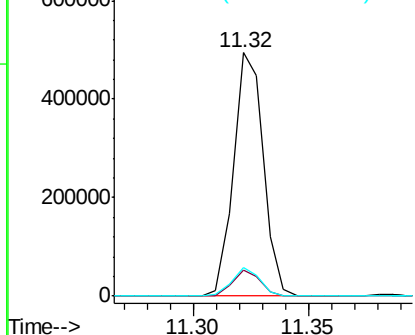


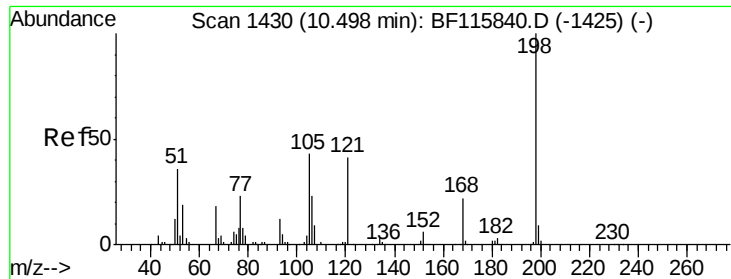
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

Tgt Ion:	188	Resp:	444809
Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.1	12.1
80	11.6	8.7	13.1



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: 40.953 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

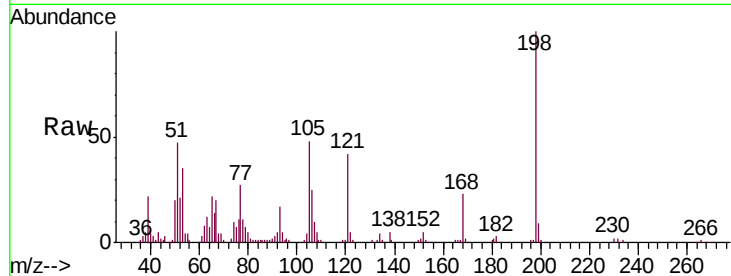
Tgt Ion:198 Resp: 96534

Ion Ratio Lower Upper

198 100

51 46.5 17.0 57.0

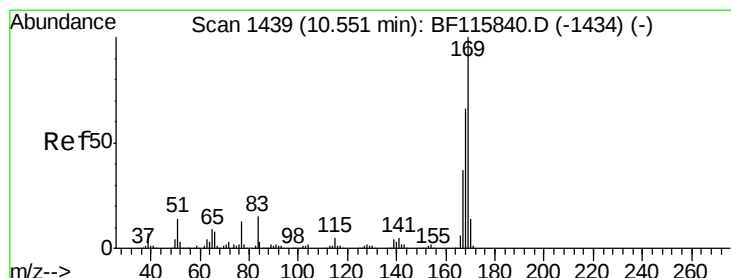
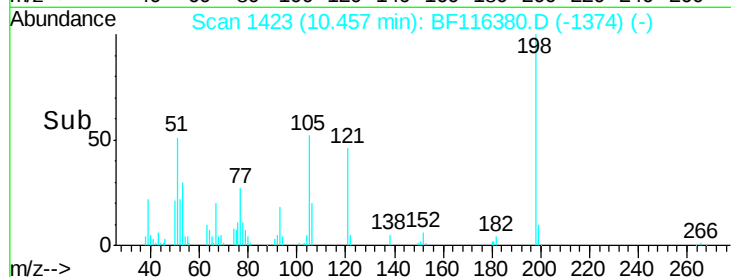
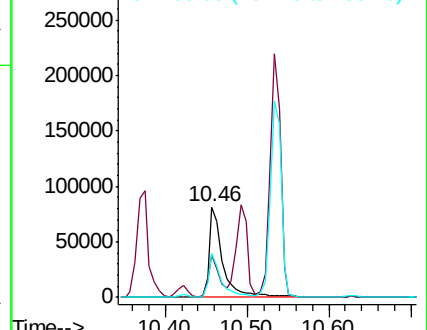
105 47.9 21.6 61.6



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: 43.667 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

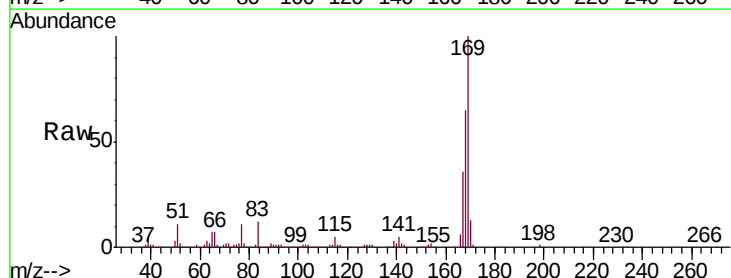
Tgt Ion:169 Resp: 584625

Ion Ratio Lower Upper

169 100

168 64.9 53.8 80.6

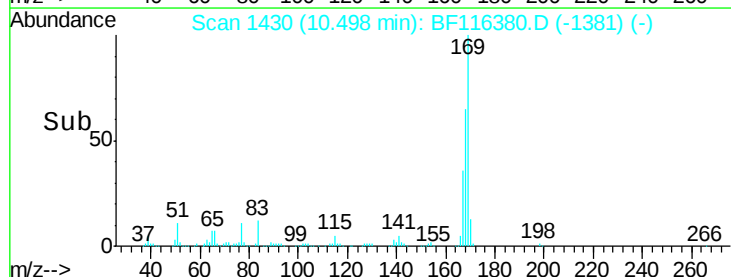
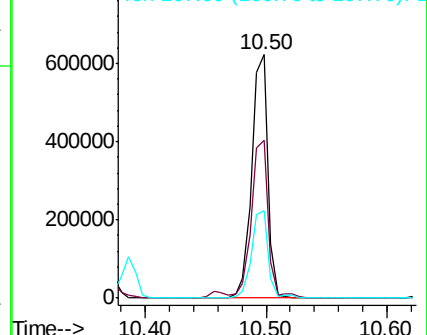
167 36.1 29.6 44.4



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

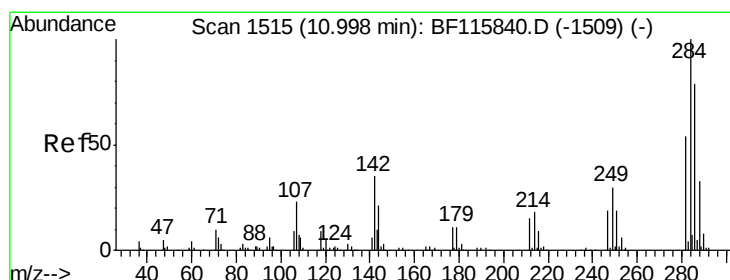
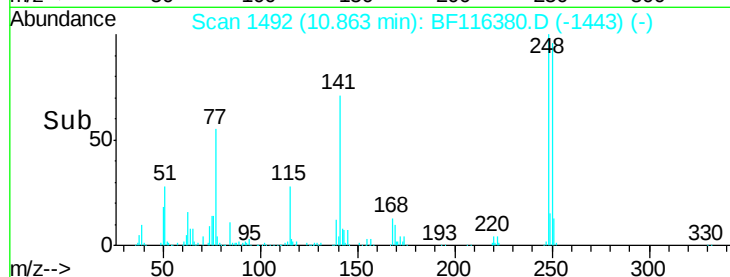
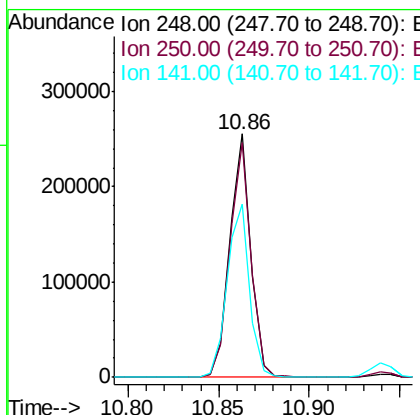
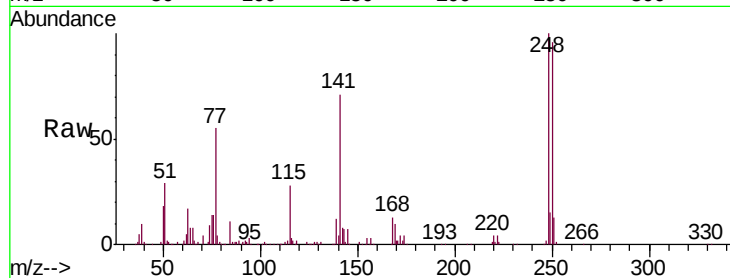




#67
4-Bromophenyl-phenylether
Concen: 43.310 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

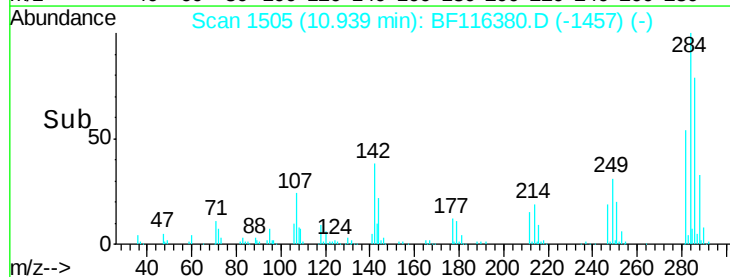
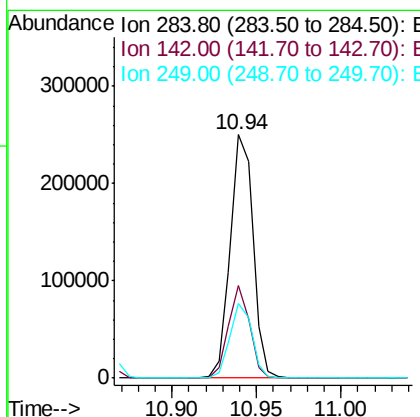
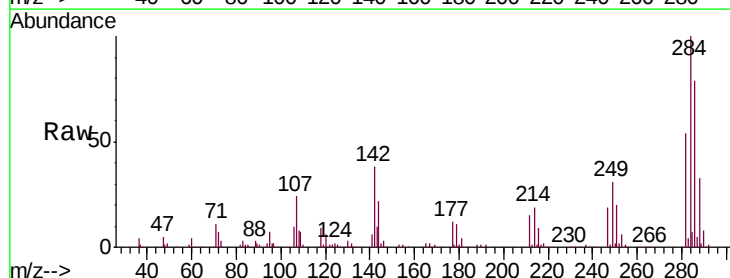
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

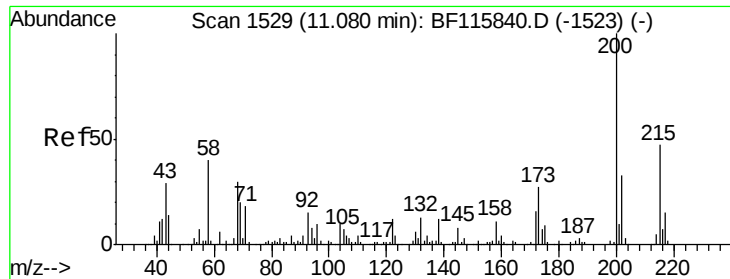
Tgt Ion:248 Resp: 206229
Ion Ratio Lower Upper
248 100
250 96.3 77.4 116.2
141 70.9 56.8 85.2



#68
Hexachlorobenzene
Concen: 42.641 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.02 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

Tgt Ion:284 Resp: 234784
Ion Ratio Lower Upper
284 100
142 37.9 28.4 42.6
249 30.6 24.5 36.7





#69

Atrazine

Concen: 33.513 ng

RT: 11.02 min Scan# 1519

Delta R.T. -0.01 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

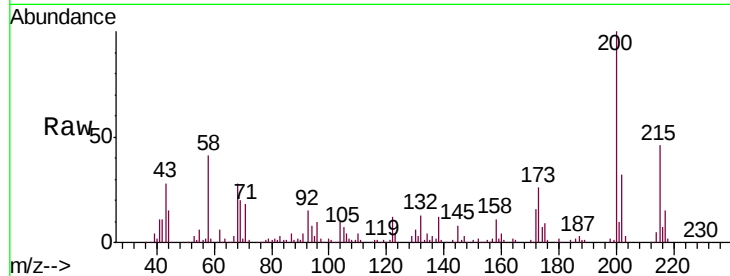
Tgt Ion:200 Resp: 147608

Ion Ratio Lower Upper

200 100

173 25.9 6.8 46.8

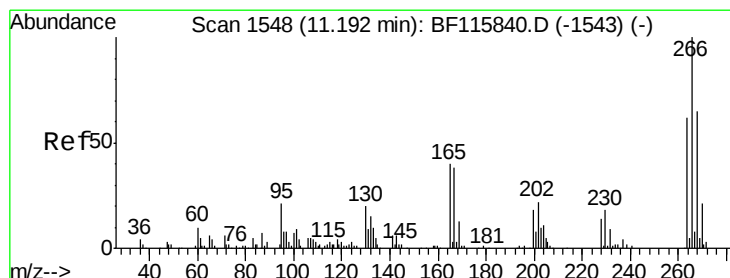
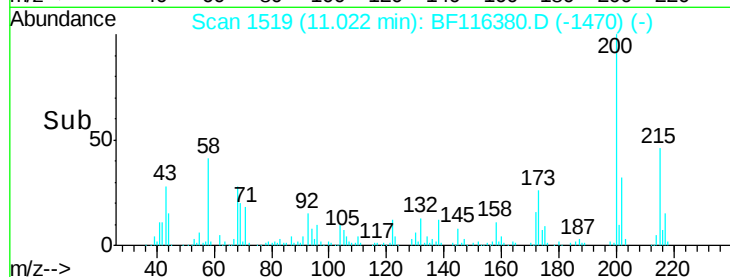
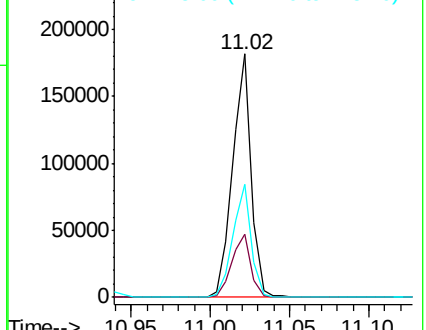
215 46.3 27.5 67.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 36.191 ng

RT: 11.15 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

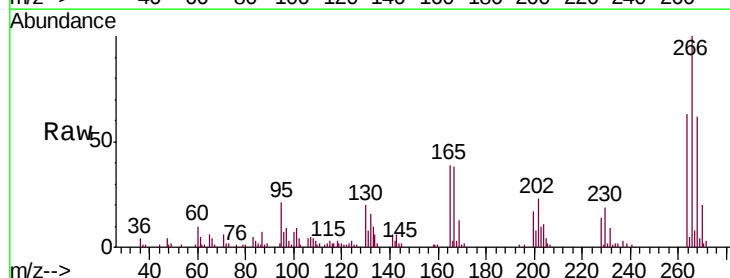
Tgt Ion:266 Resp: 96745

Ion Ratio Lower Upper

266 100

268 62.2 48.8 73.2

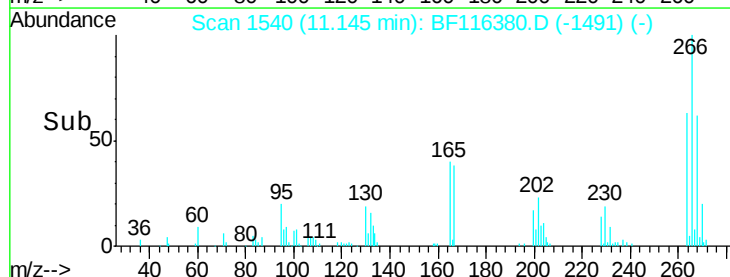
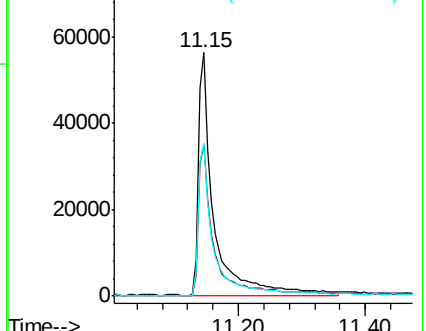
264 63.0 50.6 76.0



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

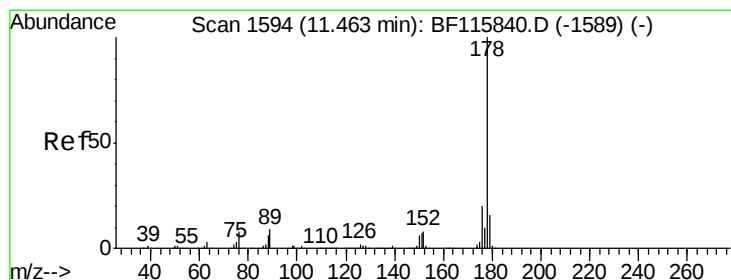
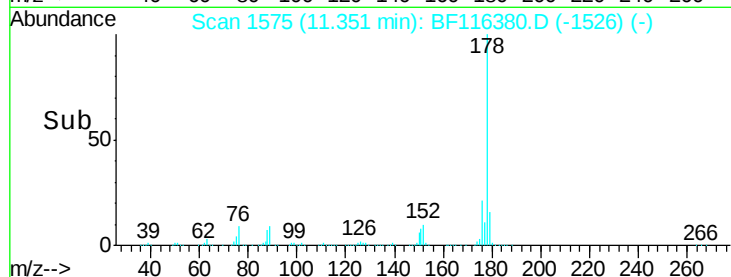
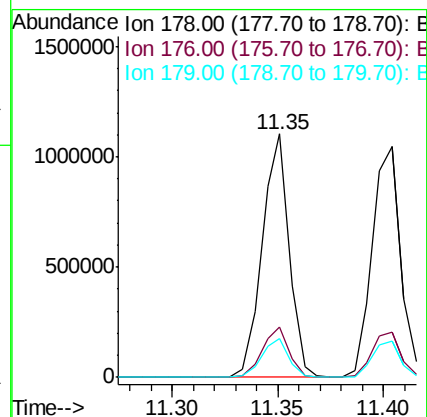
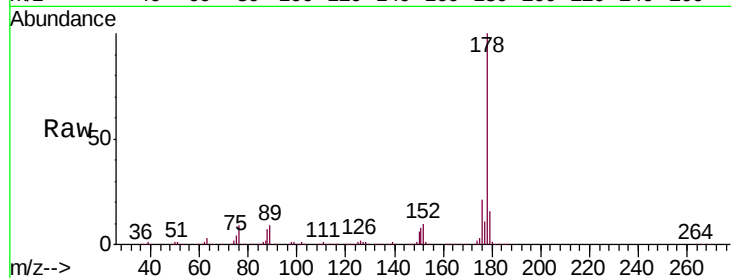




#71
Phenanthrene
Concen: 43.208 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

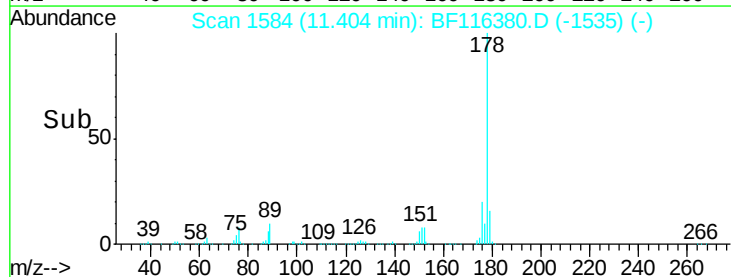
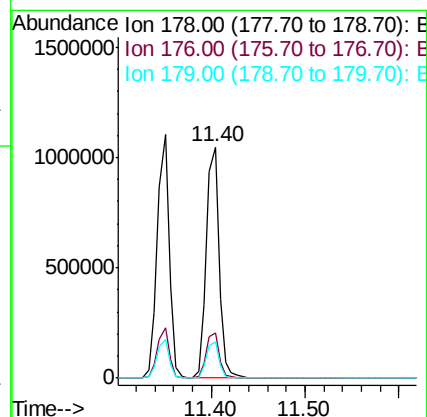
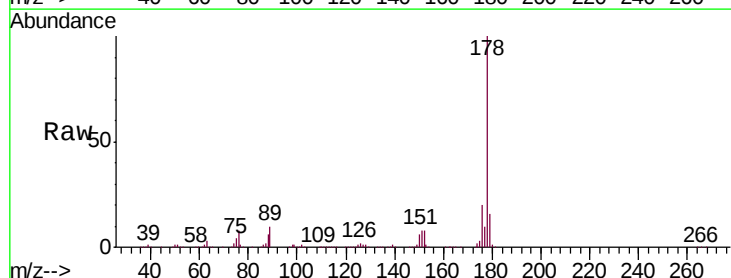
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

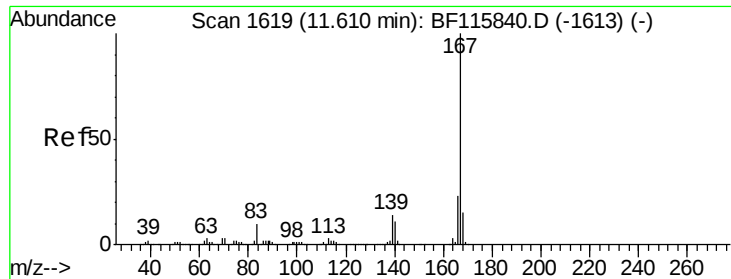
Tgt Ion:178 Resp: 982543
Ion Ratio Lower Upper
178 100
176 20.6 16.6 24.8
179 15.7 12.5 18.7



#72
Anthracene
Concen: 43.599 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

Tgt Ion:178 Resp: 1003371
Ion Ratio Lower Upper
178 100
176 19.7 15.7 23.5
179 15.5 13.0 19.6

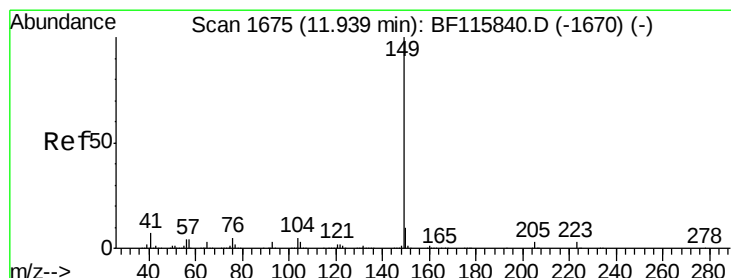
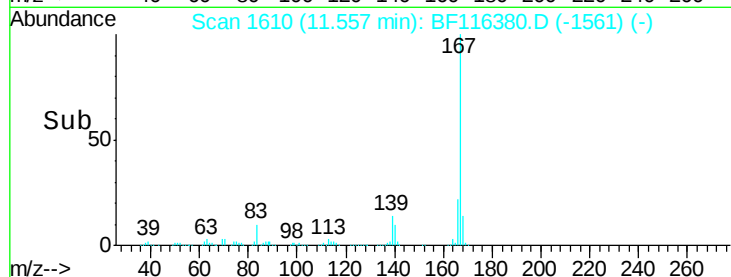
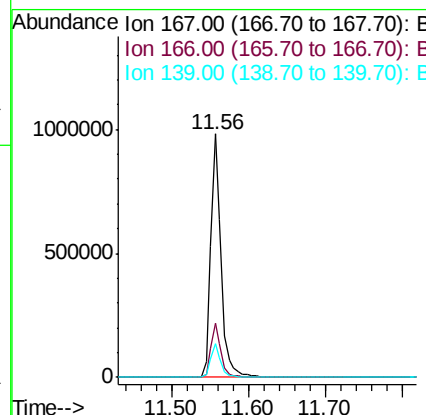
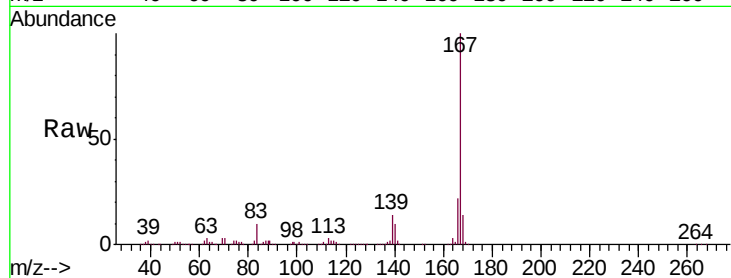




#73
 Carbazole
 Concen: 43.512 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF116380.D
 Acq: 19 Aug 2019 9:24

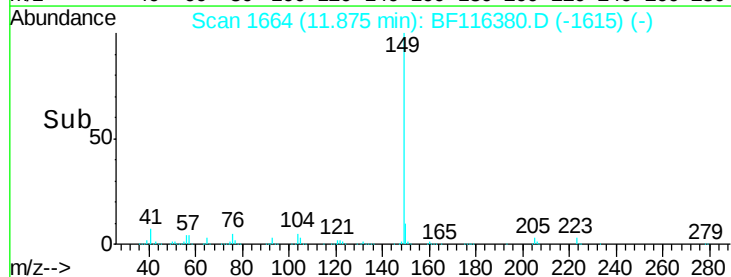
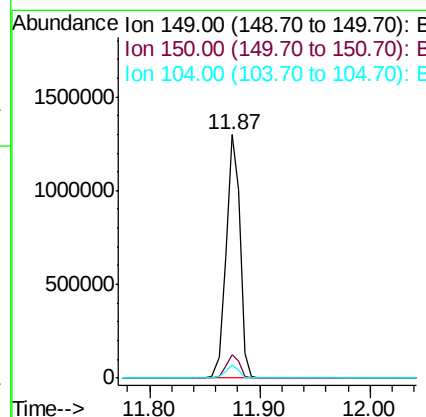
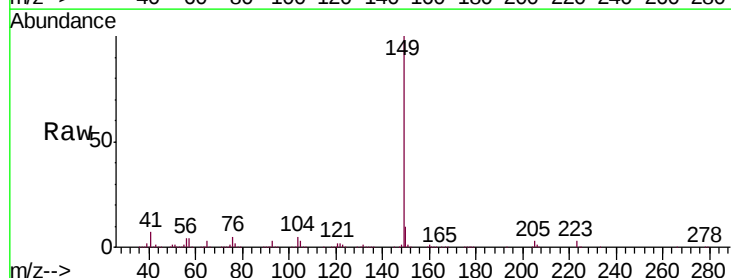
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

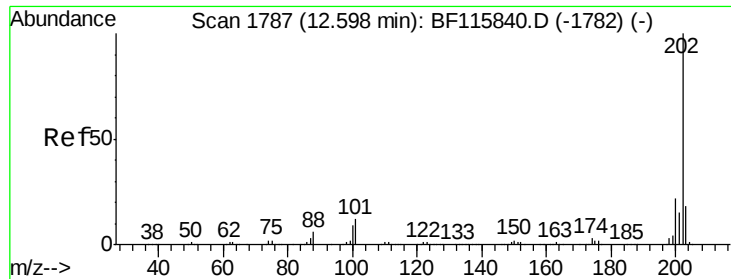
Tgt Ion:167 Resp: 908477
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.6
 139 14.1 11.4 17.0



#74
 Di-n-butylphthalate
 Concen: 46.693 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BF116380.D
 Acq: 19 Aug 2019 9:24

Tgt Ion:149 Resp: 1137266
 Ion Ratio Lower Upper
 149 100
 150 9.7 8.0 12.0
 104 5.3 4.5 6.7

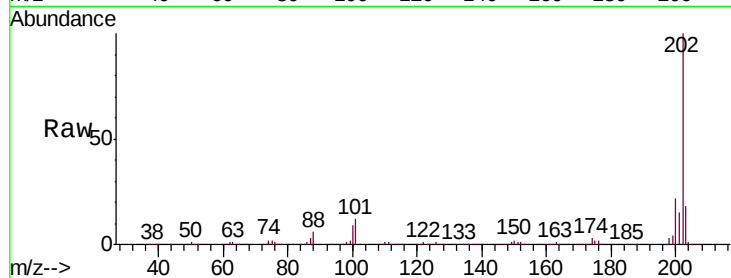




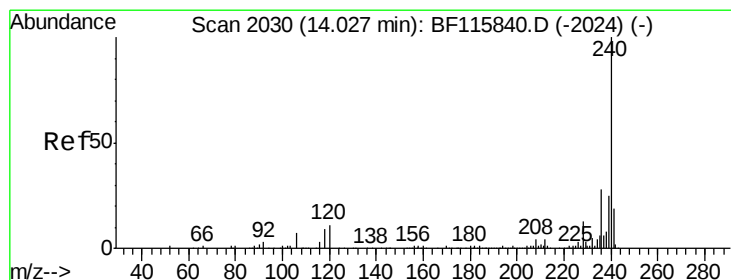
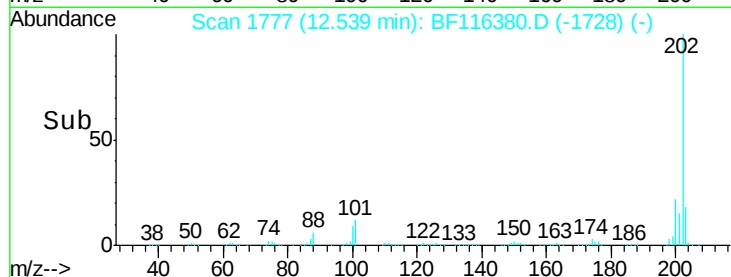
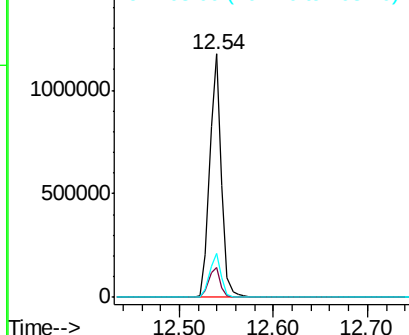
#75
 Fluoranthene
 Concen: 43.140 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BF116380.D
 Acq: 19 Aug 2019 9:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 202 Resp: 1027005
 Ion Ratio Lower Upper
 202 100
 101 12.2 0.0 31.2
 203 17.9 0.0 37.8

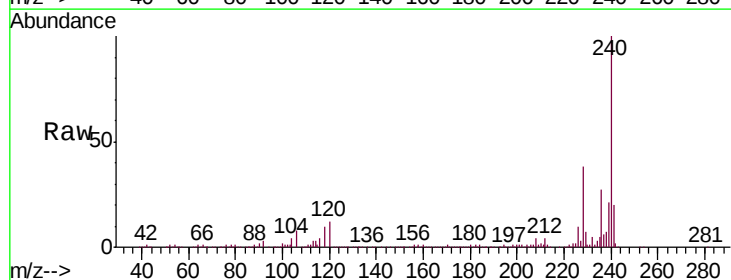


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

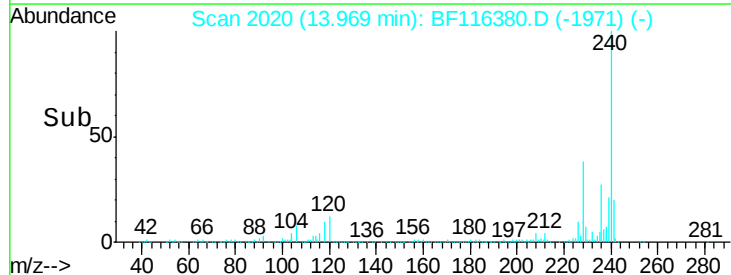
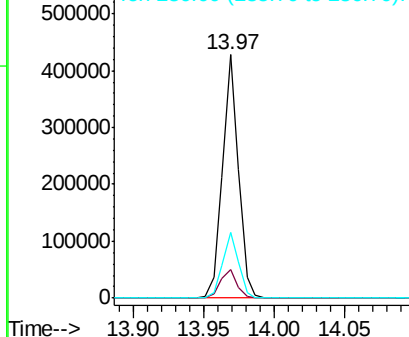


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF116380.D
 Acq: 19 Aug 2019 9:24

Tgt Ion: 240 Resp: 337070
 Ion Ratio Lower Upper
 240 100
 120 11.6 10.7 16.1
 236 27.2 22.2 33.2



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: 39.306 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.02 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

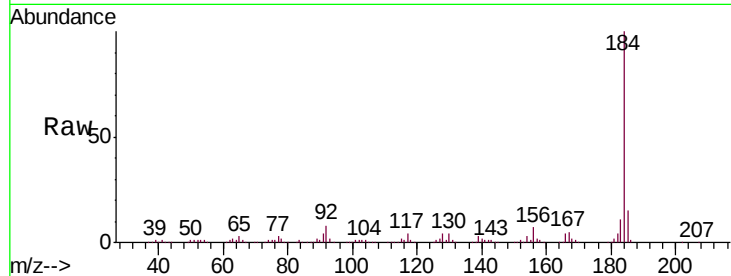
Tgt Ion:184 Resp: 447598

Ion Ratio Lower Upper

184 100

185 15.4 12.8 19.2

183 11.2 9.4 14.0



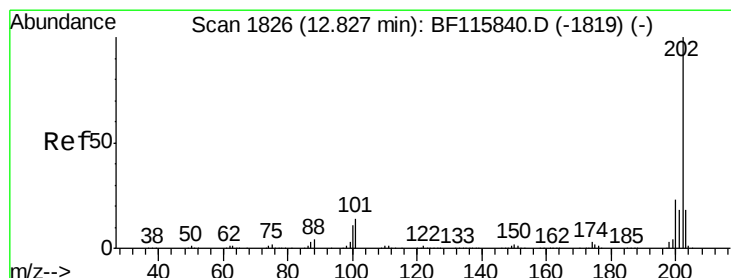
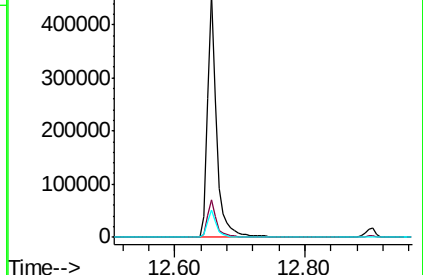
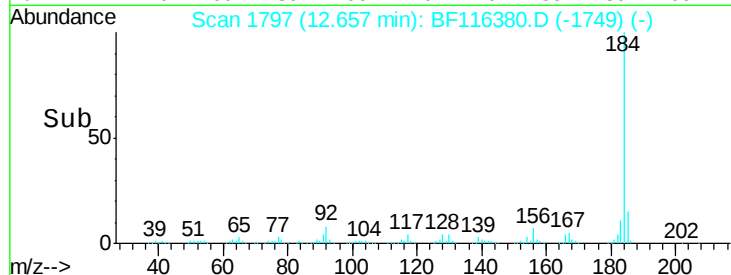
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.66

Time-->



#78

Pyrene

Concen: 40.980 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

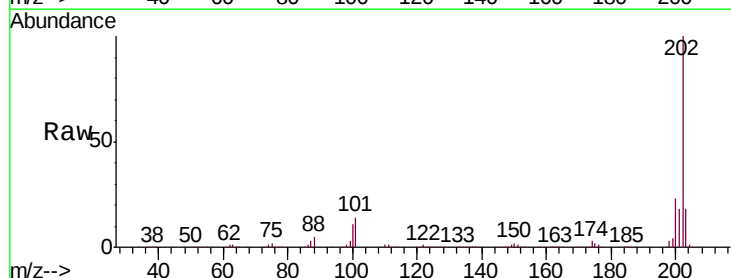
Tgt Ion:202 Resp: 1041246

Ion Ratio Lower Upper

202 100

200 23.2 18.0 27.0

203 18.5 14.1 21.1



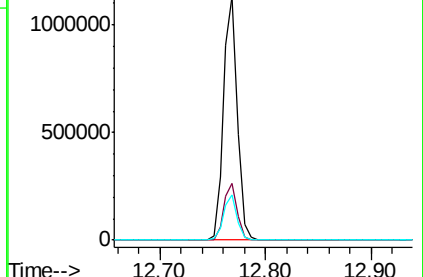
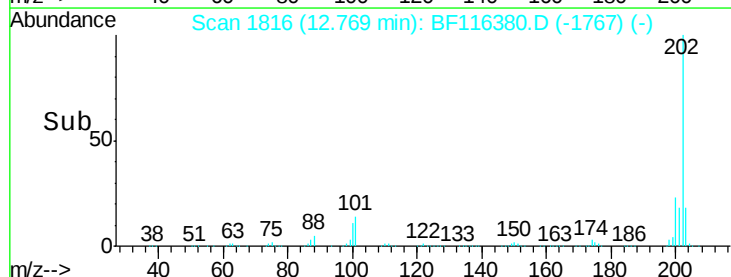
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

12.77

Time-->





#79

Terphenyl-d14

Concen: 83.624 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

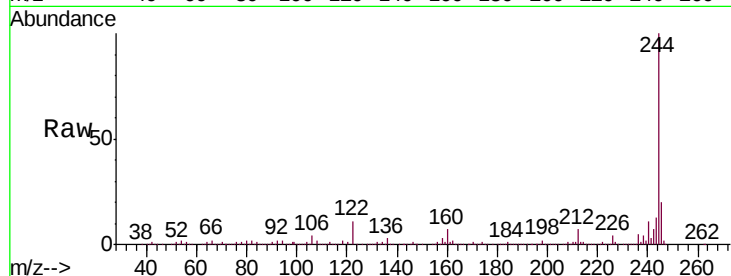
Tgt Ion:244 Resp: 1337677

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

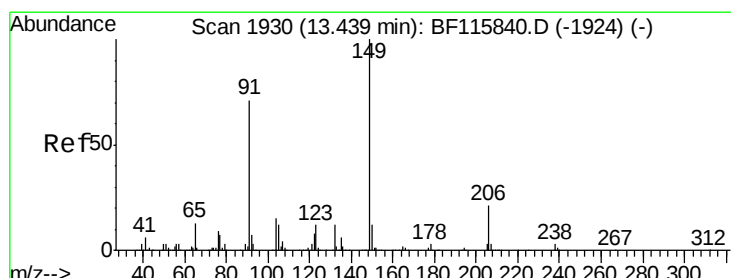
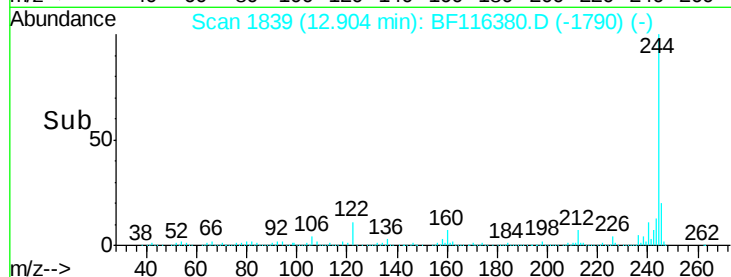
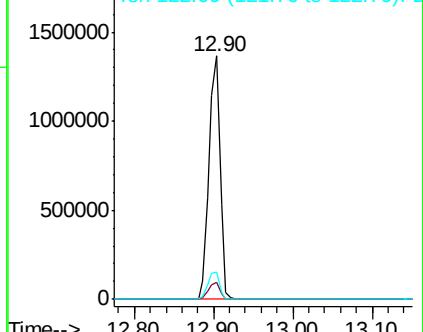
122 11.2 9.0 13.4



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: 44.881 ng

RT: 13.37 min Scan# 1918

Delta R.T. -0.02 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

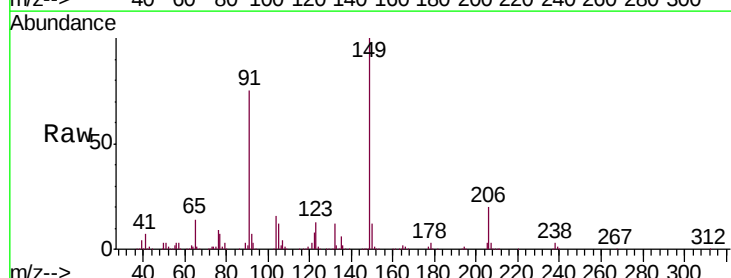
Tgt Ion:149 Resp: 482387

Ion Ratio Lower Upper

149 100

91 75.4 56.3 84.5

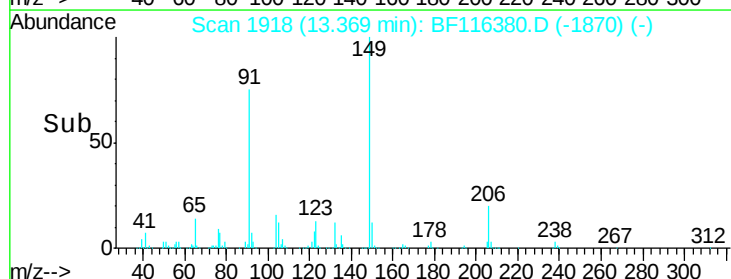
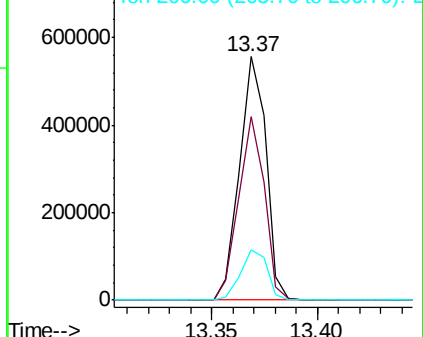
206 20.4 18.0 27.0



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

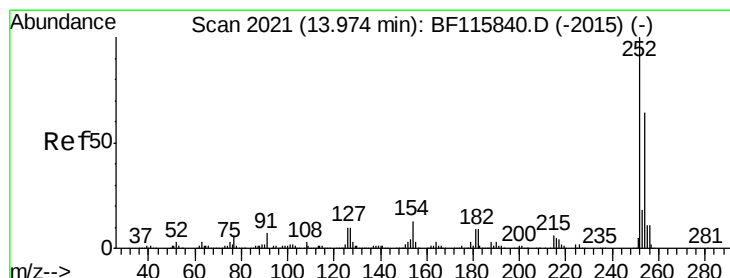
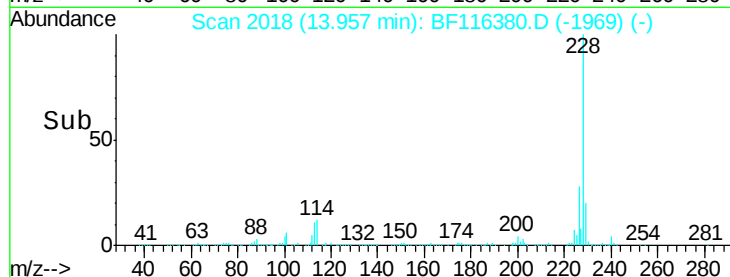
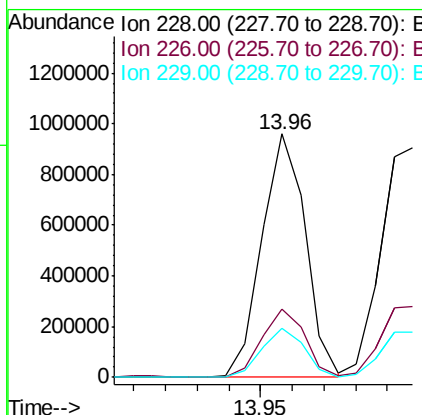
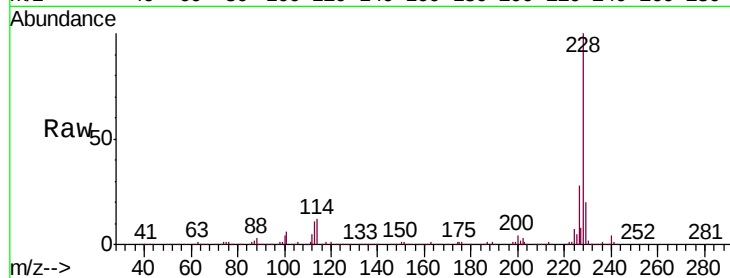




#81
Benzo(a)anthracene
Concen: 42.646 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

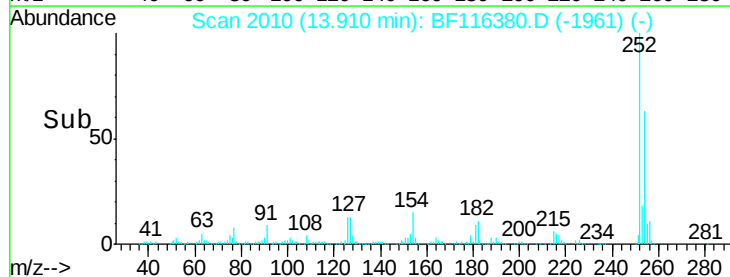
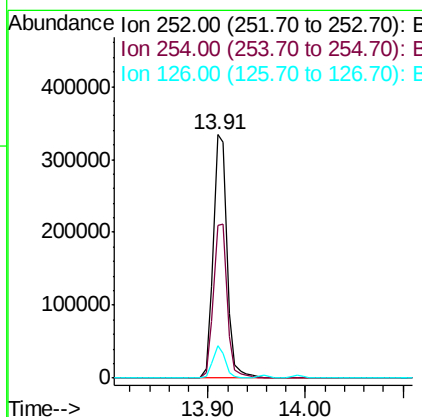
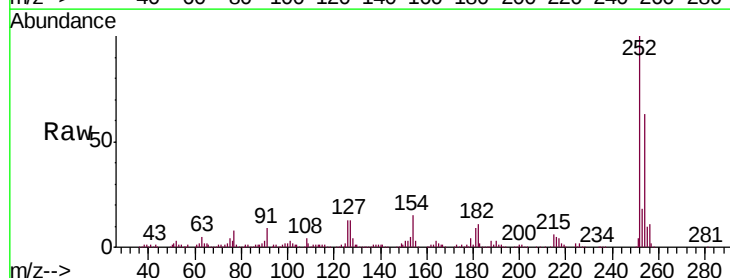
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 228 Resp: 918768
Ion Ratio Lower Upper
228 100
226 28.3 22.7 34.1
229 20.4 16.2 24.4



#82
3,3'-Dichlorobenzidine
Concen: 43.791 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

Tgt Ion: 252 Resp: 327774
Ion Ratio Lower Upper
252 100
254 62.8 50.9 76.3
126 13.2 9.8 14.8





#83

Chrysene

Concen: 42.778 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

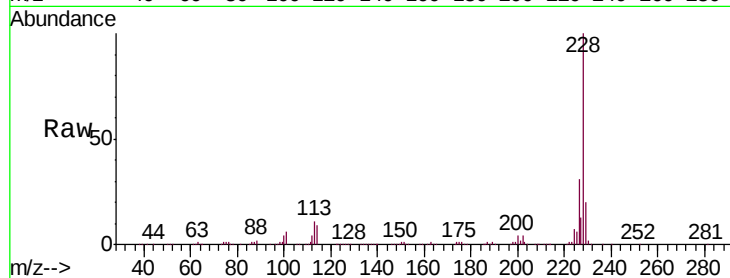
Tgt Ion:228 Resp: 894762

Ion Ratio Lower Upper

228 100

226 31.1 25.5 38.3

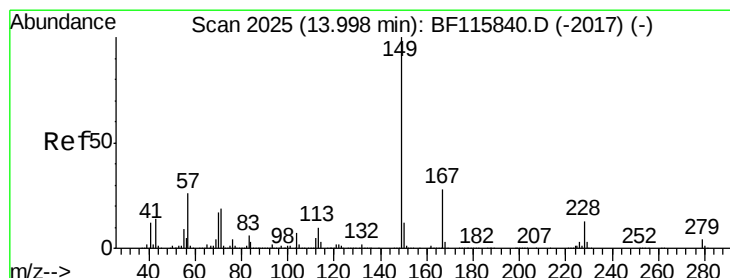
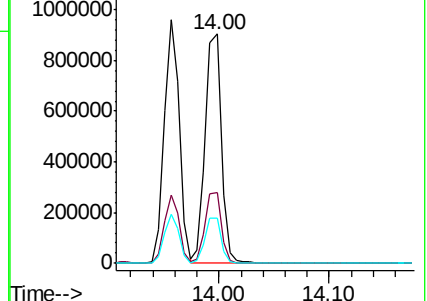
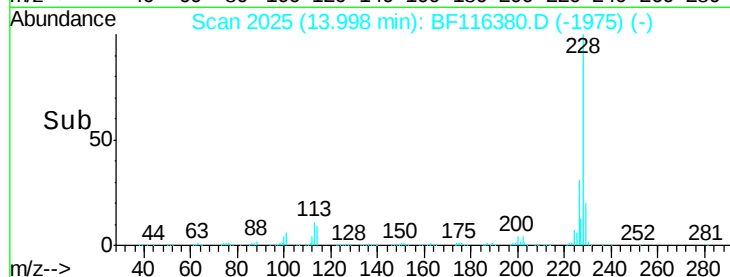
229 20.0 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.441 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

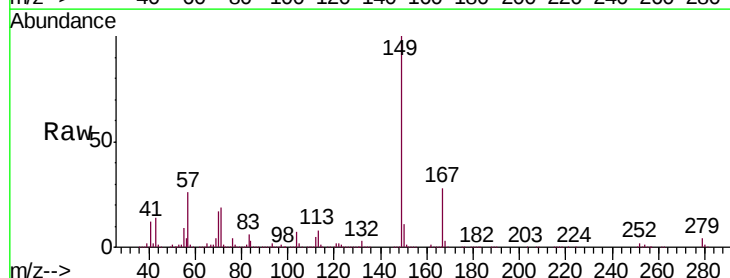
Tgt Ion:149 Resp: 676570

Ion Ratio Lower Upper

149 100

167 27.8 21.6 32.4

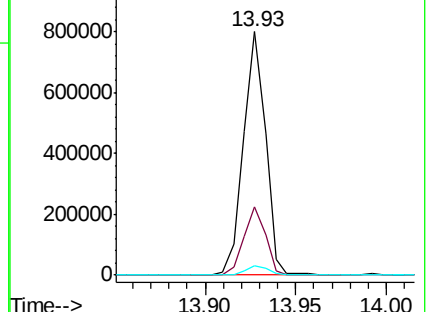
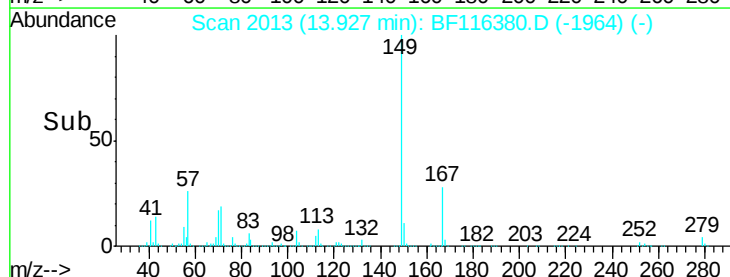
279 4.1 3.0 4.4

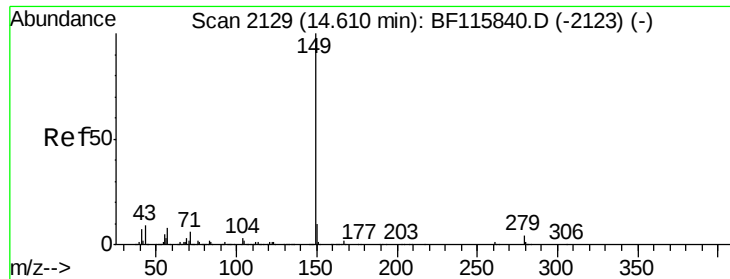


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

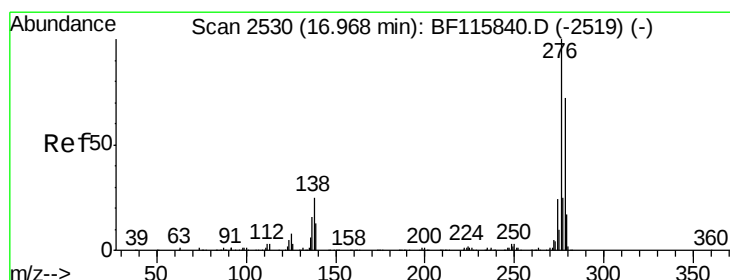
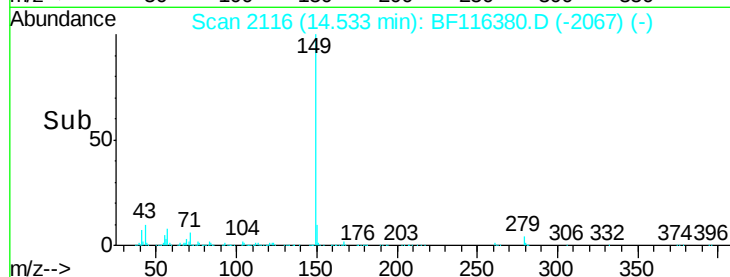
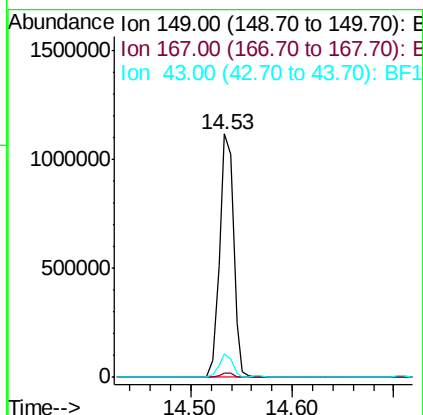
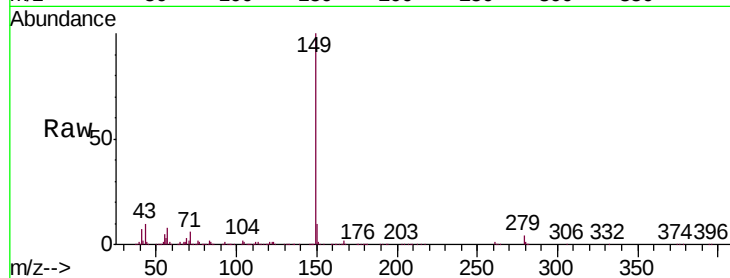




#85
 Di-n-octyl phthalate
 Concen: 48.253 ng
 RT: 14.53 min Scan# 2116
 Delta R.T. -0.01 min
 Lab File: BF116380.D
 Acq: 19 Aug 2019 9:24

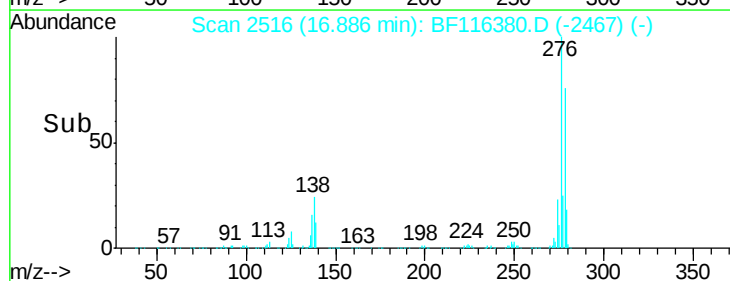
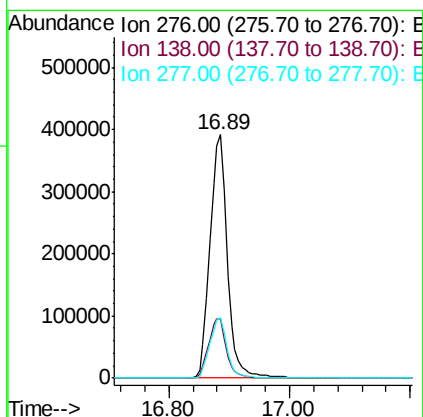
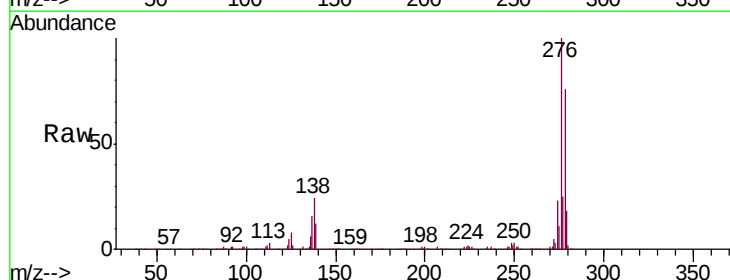
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

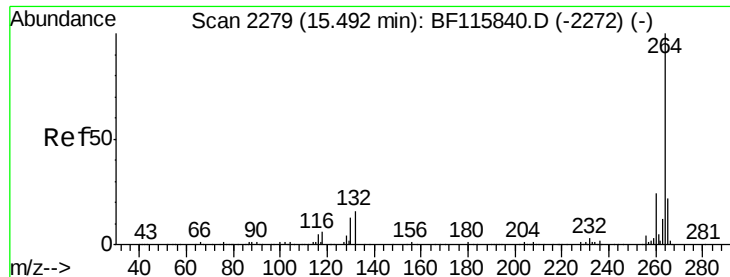
Tgt Ion:149 Resp: 1070472
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.4 2.0
 43 9.2 7.5 11.3



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 44.460 ng
 RT: 16.89 min Scan# 2516
 Delta R.T. -0.01 min
 Lab File: BF116380.D
 Acq: 19 Aug 2019 9:24

Tgt Ion:276 Resp: 781043
 Ion Ratio Lower Upper
 276 100
 138 25.4 20.4 30.6
 277 24.8 20.0 30.0



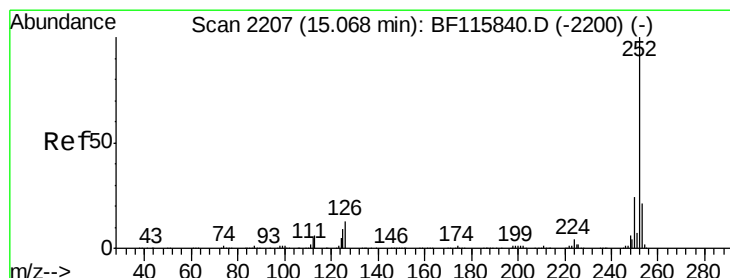
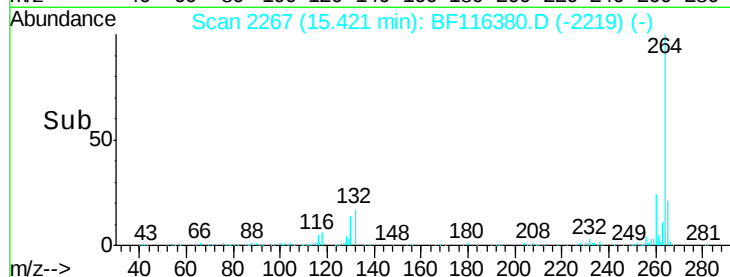
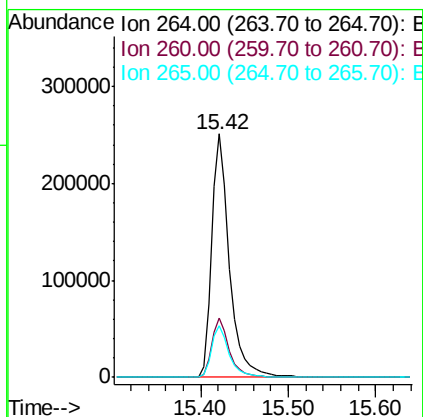
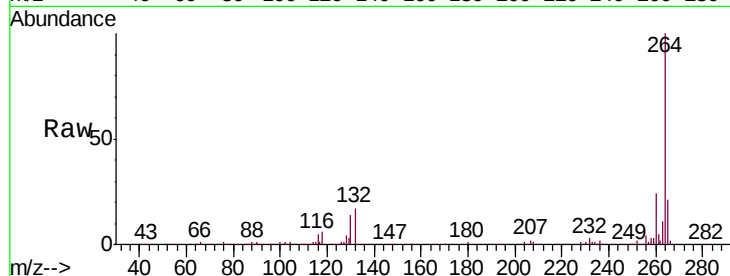


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 264 Resp: 352468

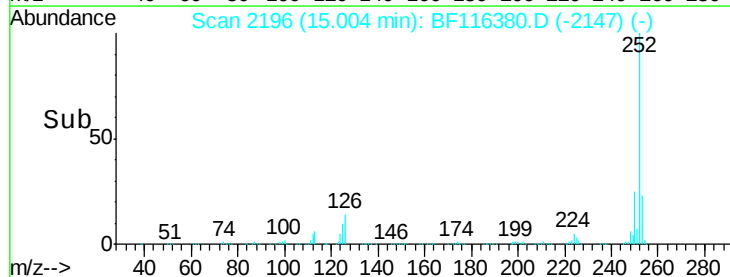
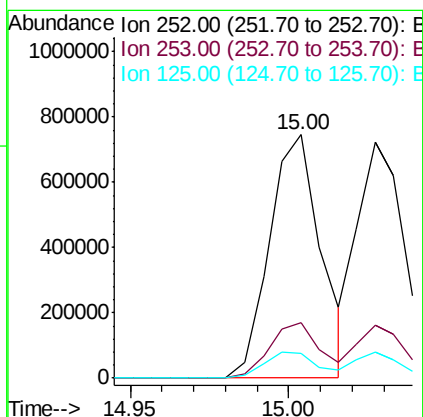
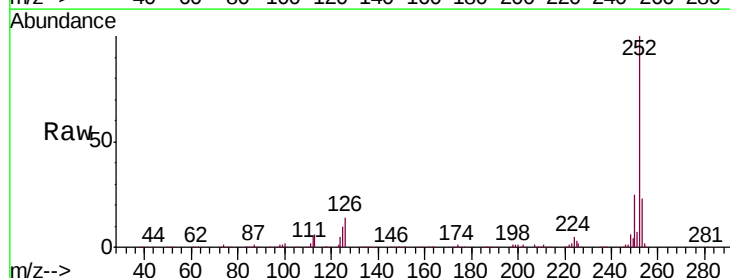
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	21.4	17.4	26.0



#88
Benzo(b)fluoranthene
Concen: 41.482 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

Tgt Ion: 252 Resp: 845416

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	10.1	8.4	12.6

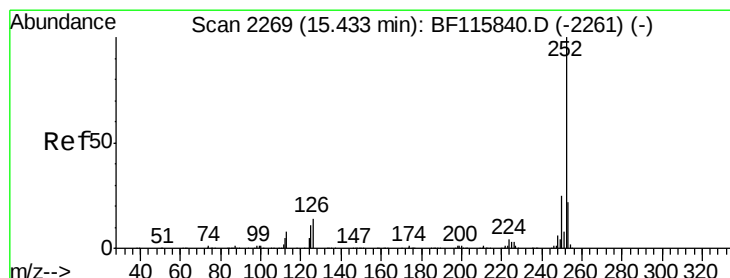
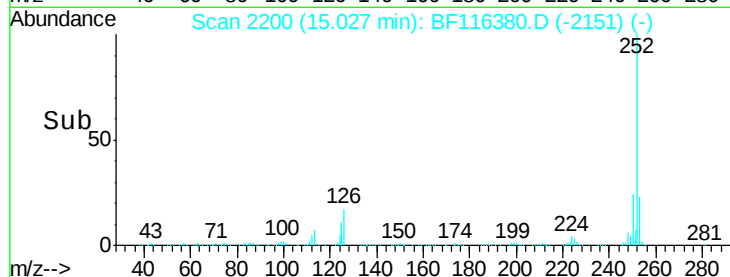
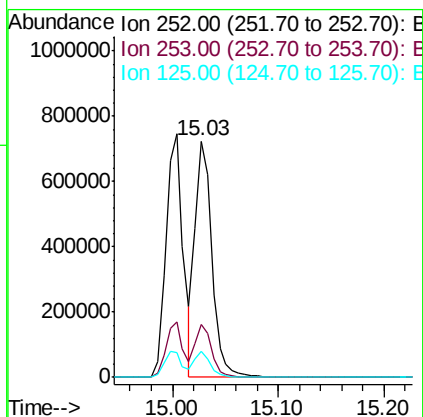
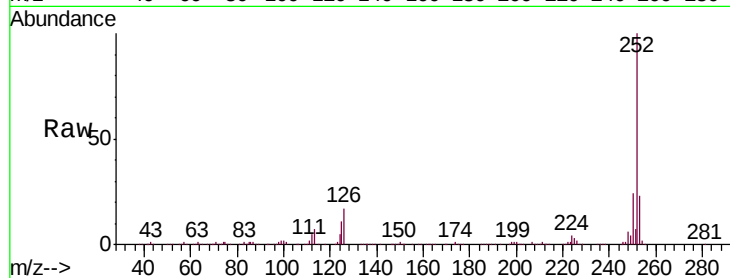




#89
Benzo(k)fluoranthene
Concen: 39.900 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

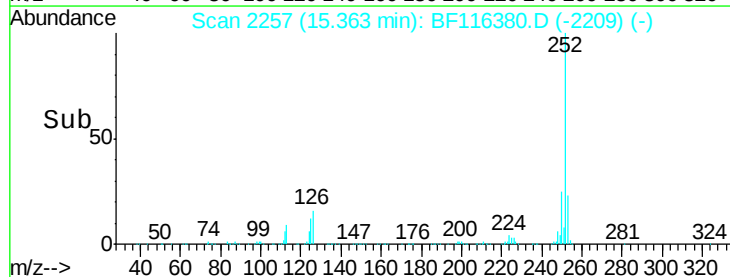
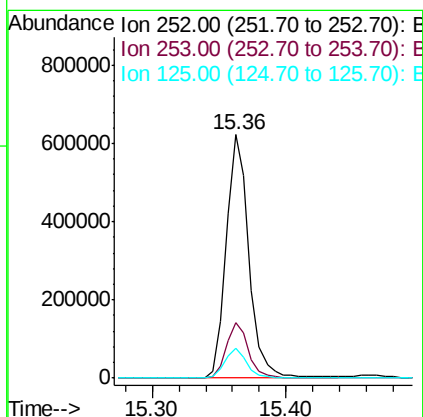
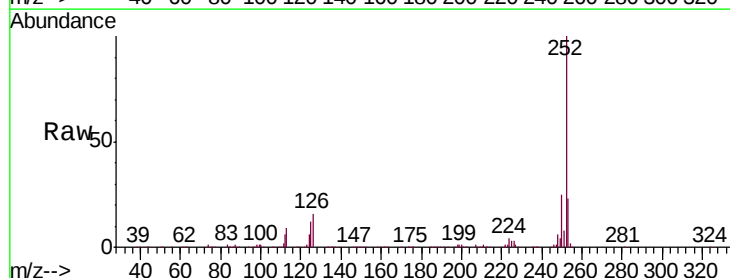
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	11.0	7.7	11.5



#90
Benzo(a)pyrene
Concen: 41.020 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	12.0	8.9	13.3





#91

Dibenzo(a,h)anthracene

Concen: 40.858 ng

RT: 16.88 min Scan# 2515

Delta R.T. -0.02 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

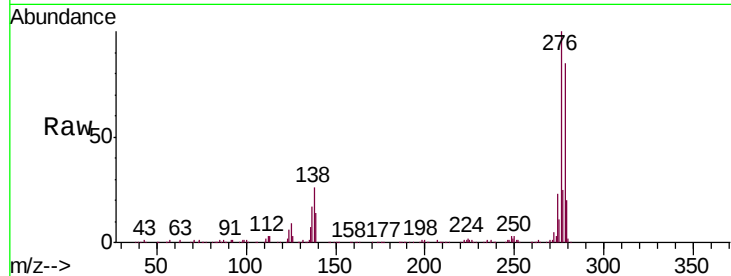
Tgt Ion: 278 Resp: 644331

Ion Ratio Lower Upper

278 100

139 17.1 12.8 19.2

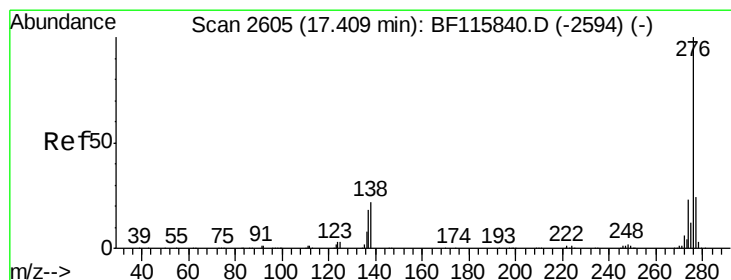
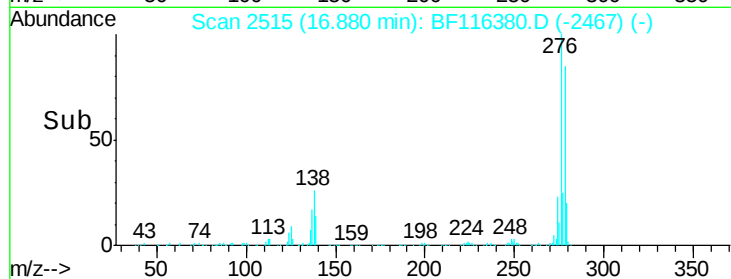
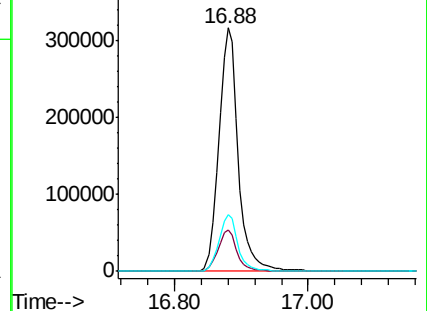
279 23.1 18.8 28.2



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: 39.099 ng

RT: 17.32 min Scan# 2589

Delta R.T. -0.02 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

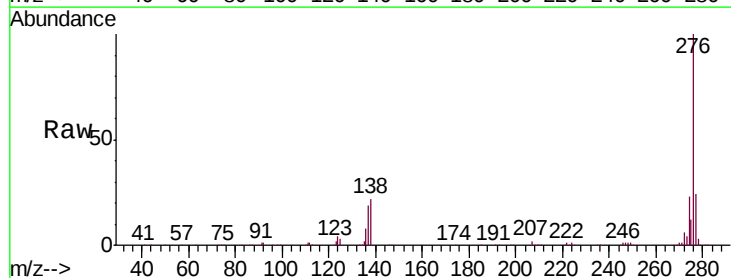
Tgt Ion: 276 Resp: 605539

Ion Ratio Lower Upper

276 100

277 24.1 18.4 27.6

138 22.1 17.0 25.6



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

