

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
 Data File : BF116196.D
 Acq On : 12 Aug 2019 18:35
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 13 01:05:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	142087	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	583524	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	308284	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	518456	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	377652	20.00	ng	0.00
87) Perylene-d12	15.47	264	364123	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	741961	87.42	ng	-0.01
7) Phenol-d6	6.47	99	908157	84.81	ng	-0.01
23) Nitrobenzene-d5	7.40	82	827882	81.90	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	242991	81.30	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1349398	81.99	ng	-0.01
79) Terphenyl-d14	12.94	244	1484239	82.82	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.60	88	177702	41.443	ng	100
3) Pyridine	3.35	79	470591	39.289	ng	99
4) n-Nitrosodimethylamine	3.31	42	180265	38.136	ng	99
6) Aniline	6.50	93	618682	40.342	ng	98
8) 2-Chlorophenol	6.63	128	411924	43.889	ng	99
9) Benzaldehyde	6.39	77	274265	37.119	ng	98
10) Phenol	6.49	94	529472	41.987	ng	98
11) bis(2-Chloroethyl)ether	6.57	93	397813	42.908	ng	97
12) 1,3-Dichlorobenzene	6.77	146	452827	41.747	ng	99
13) 1,4-Dichlorobenzene	6.85	146	462264	42.564	ng	99
14) 1,2-Dichlorobenzene	7.01	146	424239	42.423	ng	99
15) Benzyl Alcohol	6.98	79	334449	41.154	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	527130	41.683	ng	94
17) 2-Methylphenol	7.09	107	337338	42.447	ng	99
18) Hexachloroethane	7.35	117	169821	42.470	ng	96
19) n-Nitroso-di-n-propylamine	7.25	70	277848	41.871	ng	98
20) 3+4-Methylphenols	7.25	107	404323	42.992	ng	92
22) Acetophenone	7.25	105	530125	41.424	ng	# 98
24) Nitrobenzene	7.42	77	457602	41.923	ng	98
25) Isophorone	7.66	82	813596	42.090	ng	99
26) 2-Nitrophenol	7.73	139	229520	44.608	ng	99
27) 2,4-Dimethylphenol	7.77	122	319017	41.211	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	509784	42.549	ng	100
29) 2,4-Dichlorophenol	7.98	162	354280	43.345	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	392619	42.140	ng	99
31) Naphthalene	8.14	128	1158243	42.180	ng	100
32) Benzoic acid	7.93	122	212165	38.875	ng	98
33) 4-Chloroaniline	8.19	127	514904	41.968	ng	99
34) Hexachlorobutadiene	8.25	225	222983	41.550	ng	98
35) Caprolactam	8.57	113	109052	41.253	ng	96
36) 4-Chloro-3-methylphenol	8.68	107	364697	42.890	ng	95
37) 2-Methylnaphthalene	8.83	142	771217	42.645	ng	99
38) 1-Methylnaphthalene	8.93	142	722902	42.254	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	350622	42.543	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	121055	36.218	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	223196	39.345	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	235172	40.104	ng	99
46) 1,1'-Biphenyl	9.29	154	910099	41.815	ng	100
47) 2-Chloronaphthalene	9.32	162	753843	41.615	ng	99
48) 2-Nitroaniline	9.42	65	247567	41.347	ng	95
49) Acenaphthylene	9.73	152	1115125	42.195	ng	98
50) Dimethylphthalate	9.59	163	860006	40.971	ng	100
51) 2,6-Dinitrotoluene	9.66	165	191212	41.917	ng	95
52) Acenaphthene	9.90	154	673569	41.545	ng	99
53) 3-Nitroaniline	9.83	138	226067	40.108	ng	99
54) 2,4-Dinitrophenol	9.96	184	70243	35.132	ng	97
55) Dibenzofuran	10.08	168	948736	40.238	ng	99
56) 4-Nitrophenol	10.01	139	127937	35.432	ng	94
57) 2,4-Dinitrotoluene	10.07	165	238239	39.226	ng	97
58) Fluorene	10.42	166	770697	42.486	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	204951	41.543	ng	97
60) Diethylphthalate	10.29	149	810101	41.337	ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	386905	42.114	ng	99
62) 4-Nitroaniline	10.45	138	231145	39.682	ng	98
63) Azobenzene	10.57	77	835031	41.426	ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	118585	43.161	ng	87
66) n-Nitrosodiphenylamine	10.53	169	672344	43.085	ng	99
67) 4-Bromophenyl-phenylether	10.90	248	240148	43.269	ng	99
68) Hexachlorobenzene	10.97	284	269660	42.018	ng	97
69) Atrazine	11.06	200	186405	36.310	ng	100
70) Pentachlorophenol	11.17	266	104227	33.451	ng	98
71) Phenanthrene	11.39	178	1121957	42.331	ng	100
72) Anthracene	11.44	178	1141986	42.574	ng	99
73) Carbazole	11.59	167	1063071	43.683	ng	100
74) Di-n-butylphthalate	11.91	149	1200682	42.294	ng	100
75) Fluoranthene	12.57	202	1161997	41.877	ng	98
77) Benzidine	12.69	184	496798	38.938	ng	98
78) Pyrene	12.80	202	1200629	42.175	ng	99
80) Butylbenzylphthalate	13.41	149	516564	42.897	ng	98
81) Benzo(a)anthracene	13.99	228	1020393	42.273	ng	100
82) 3,3'-Dichlorobenzidine	13.95	252	358222	42.716	ng	97
83) Chrysene	14.03	228	1008313	43.027	ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	693999	44.349	ng	99
85) Di-n-octyl phthalate	14.57	149	1116623	44.924	ng	100
86) Indeno(1,2,3-cd)pyrene	16.94	276	780911	39.676	ng	100
88) Benzo(b)fluoranthene	15.04	252	921167	43.753	ng	99
89) Benzo(k)fluoranthene	15.07	252	825968	40.278	ng	99
90) Benzo(a)pyrene	15.41	252	791394	42.049	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	652303	40.040	ng	98
92) Benzo(g,h,i)perylene	17.38	276	626846	39.179	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

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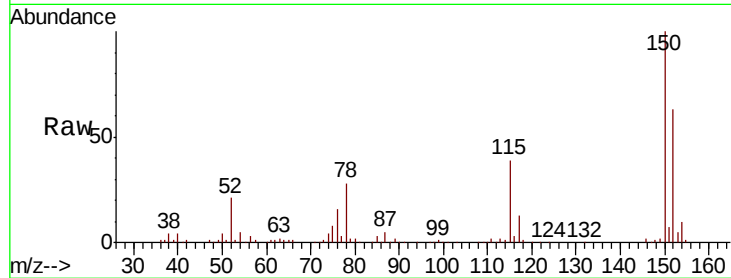
Tot Ion:152 Resp: 142087

Ion Ratio Lower Upper

152 100

150 159.3 126.2 189.2

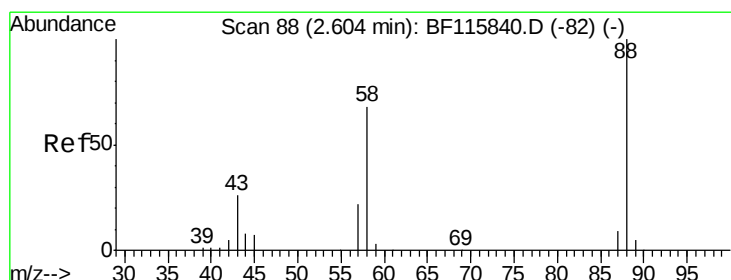
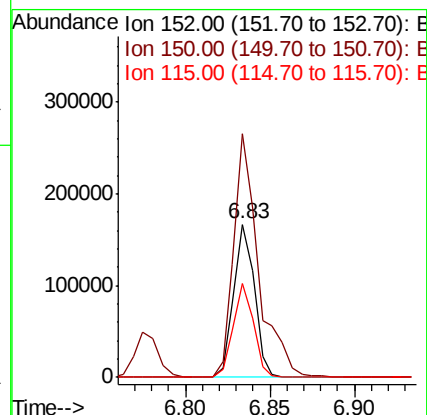
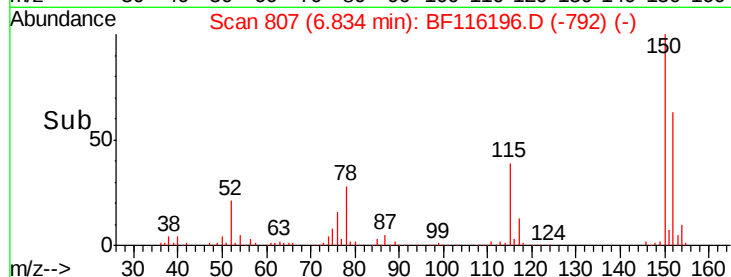
115 61.5 49.9 74.9



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: 41.443 ng

RT: 2.60 min Scan# 87

Delta R.T. -0.01 min

Lab File: BF116196.D

Acq: 12 Aug 2019 18:35

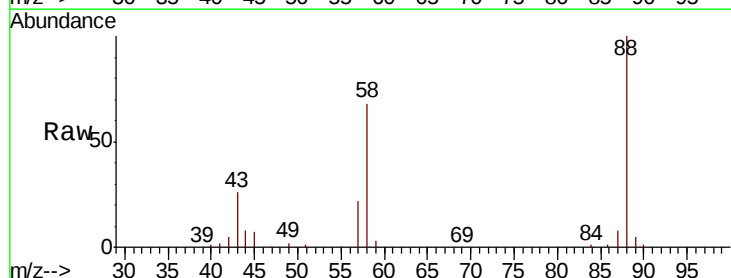
Tgt Ion: 88 Resp: 177702

Ion Ratio Lower Upper

88 100

58 67.1 53.7 80.5

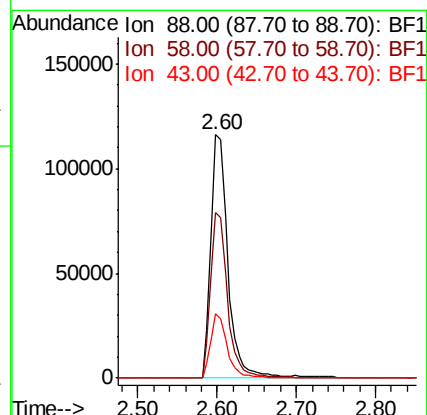
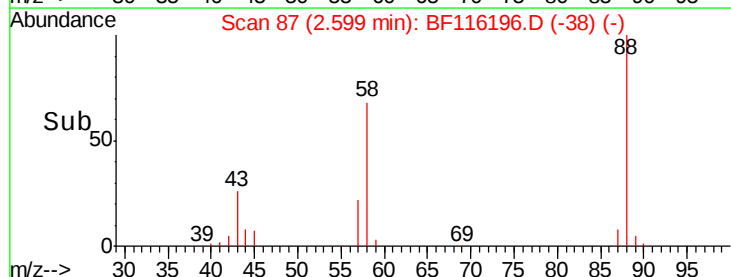
43 25.4 21.0 31.4

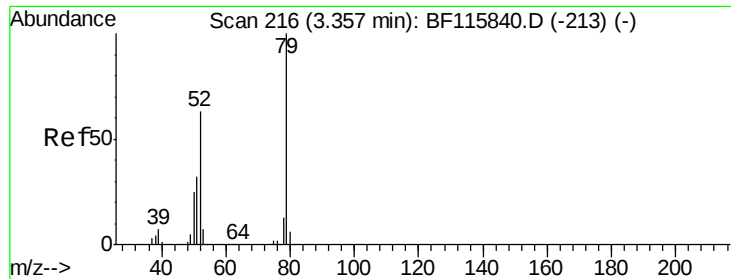


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 39.289 ng

RT: 3.35 min Scan# 215

Delta R.T. -0.01 min

Lab File: BF116196.D

Acq: 12 Aug 2019 18:35

Instrument :

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ClientSampleId :

SSTDCCC040

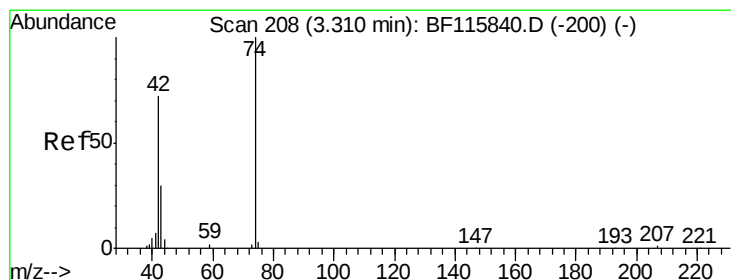
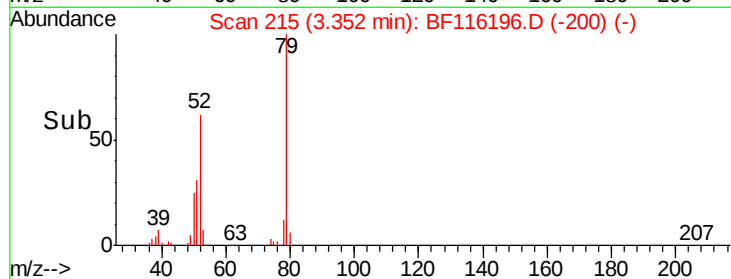
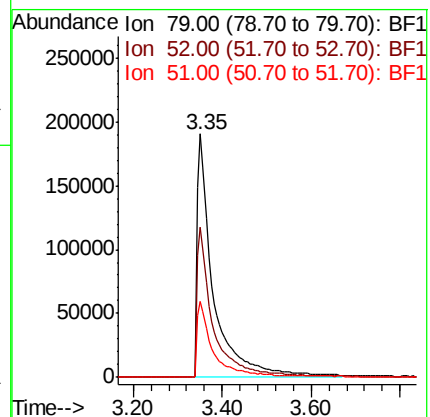
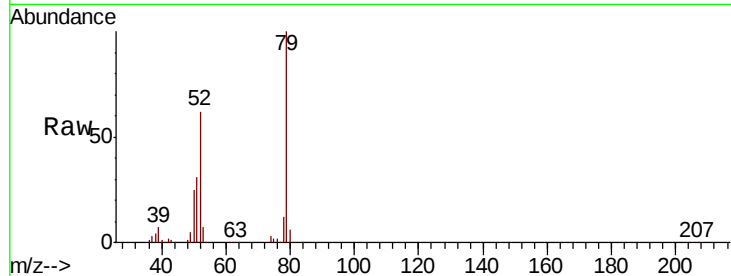
Tot Ion: 79 Resp: 470591

Ion Ratio Lower Upper

79 100

52 61.8 49.8 74.8

51 31.1 25.2 37.8



#4

n-Nitrosodimethylamine

Concen: 38.136 ng

RT: 3.31 min Scan# 208

Delta R.T. -0.02 min

Lab File: BF116196.D

Acq: 12 Aug 2019 18:35

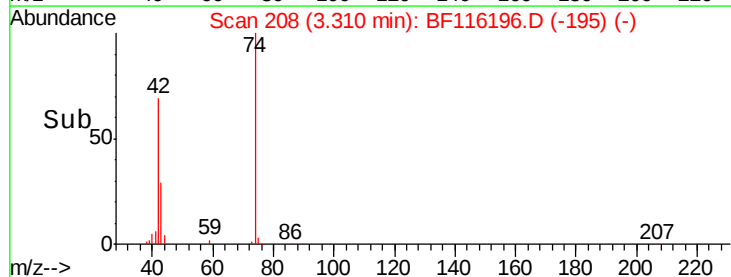
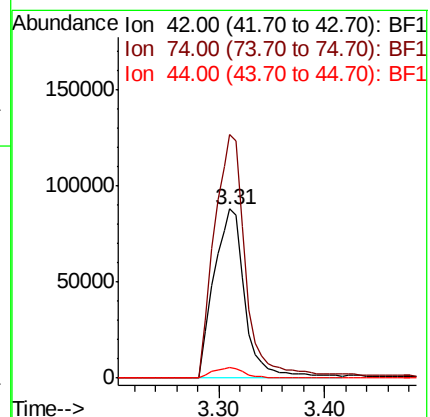
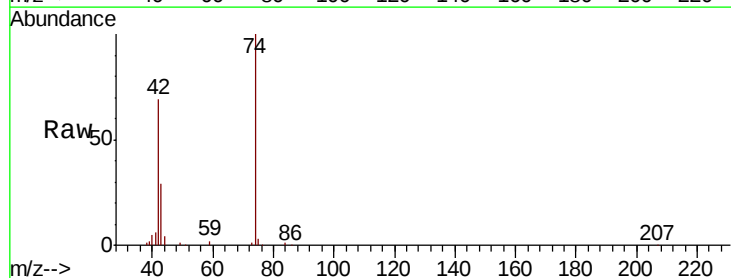
Tgt Ion: 42 Resp: 180265

Ion Ratio Lower Upper

42 100

74 144.2 116.0 174.0

44 6.4 4.6 7.0





#5

2-Fluorophenol

Concen: 87.417 ng

RT: 5.46 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF116196.D

Acq: 12 Aug 2019 18:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

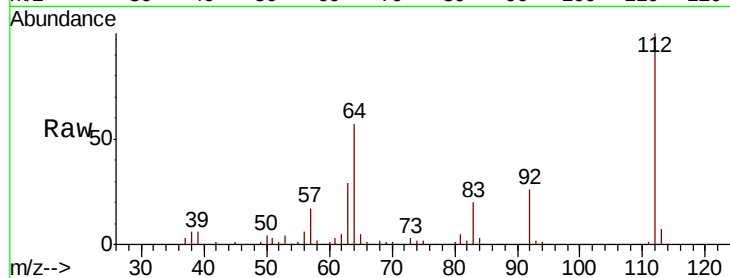
Tot Ion: 112 Resp: 741961

Ion Ratio Lower Upper

112 100

64 57.1 45.4 68.2

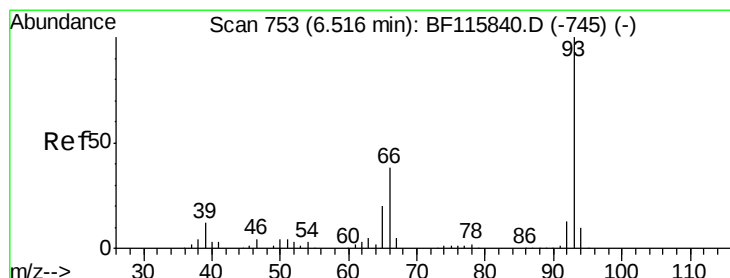
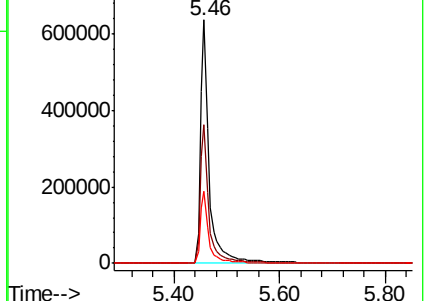
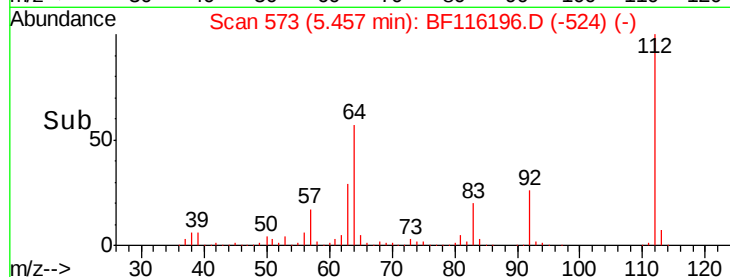
63 29.4 23.7 35.5



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: 40.342 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF116196.D

Acq: 12 Aug 2019 18:35

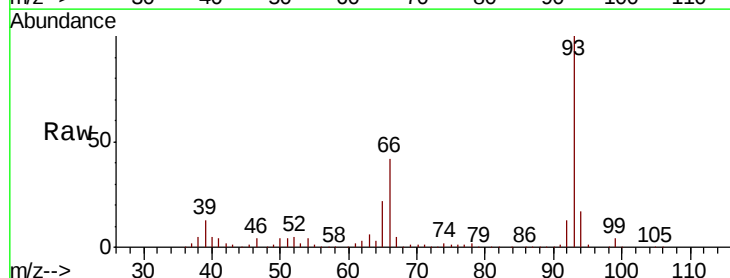
Tgt Ion: 93 Resp: 618682

Ion Ratio Lower Upper

93 100

66 41.9 32.2 48.4

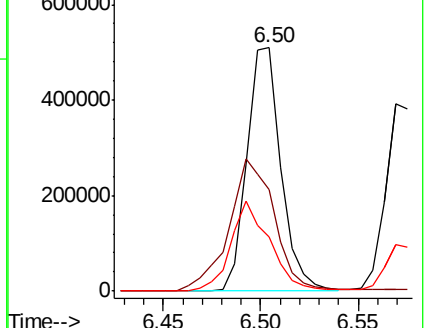
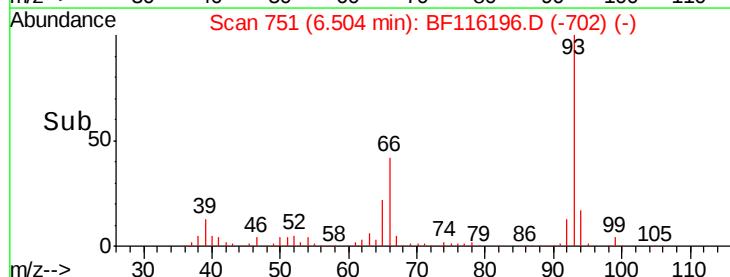
65 22.3 17.0 25.6



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: 84.807 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116196.D

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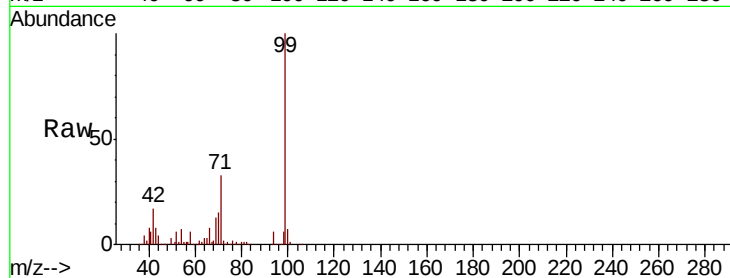
Tot Ion: 99 Resp: 908157

Ion Ratio Lower Upper

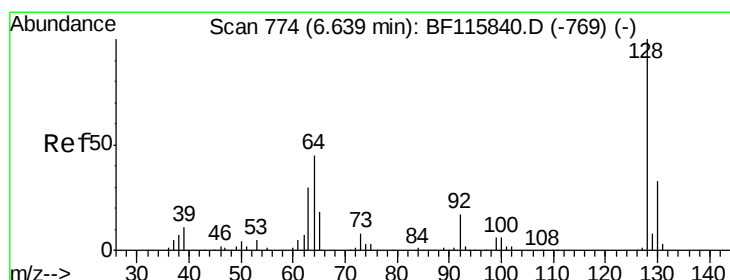
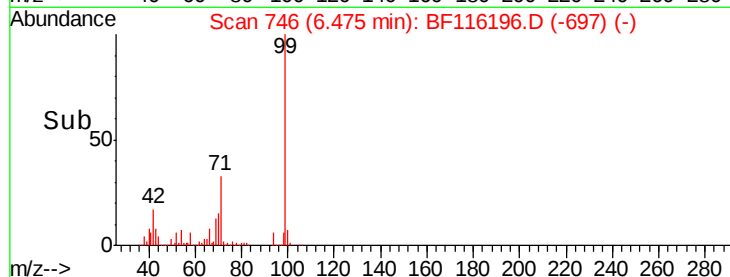
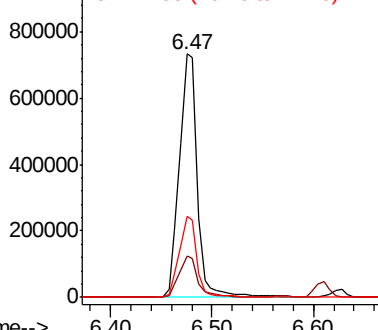
99 100

42 17.1 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: 43.889 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF116196.D

Acq: 12 Aug 2019 18:35

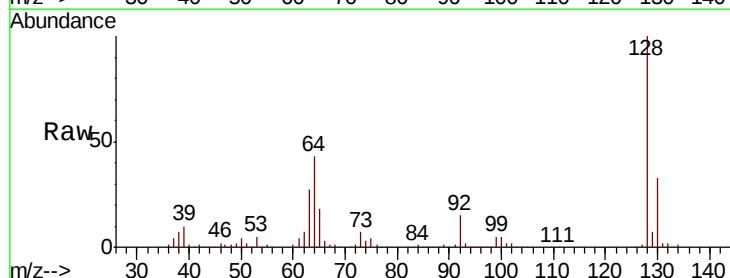
Tgt Ion: 128 Resp: 411924

Ion Ratio Lower Upper

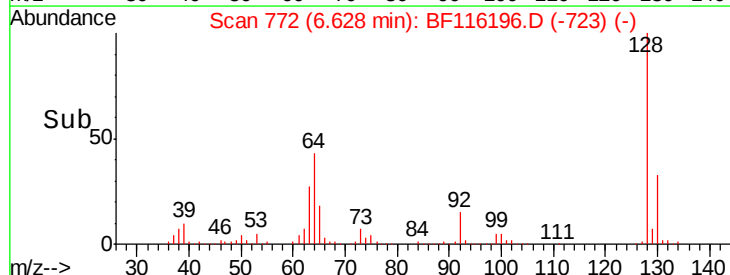
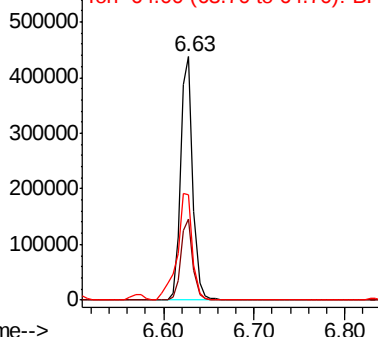
128 100

130 33.1 12.9 52.9

64 43.2 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: 37.119 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

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Acq: 12 Aug 2019 18:35

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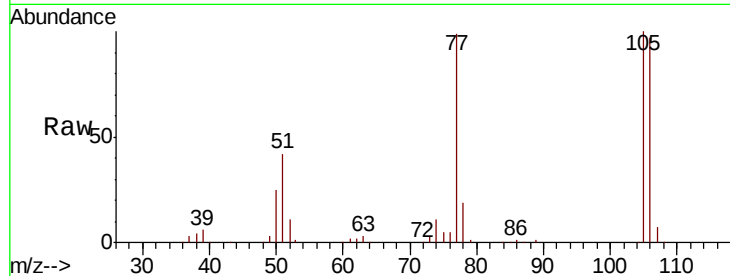
Tot Ion: 77 Resp: 274265

Ion Ratio Lower Upper

77 100

105 100.7 79.2 119.2

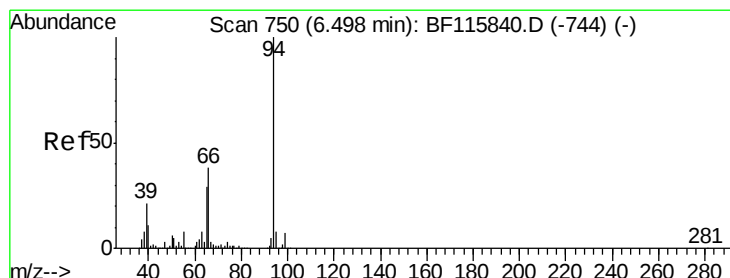
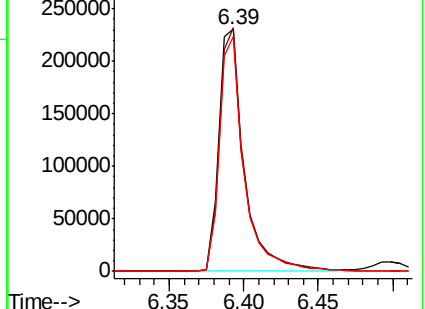
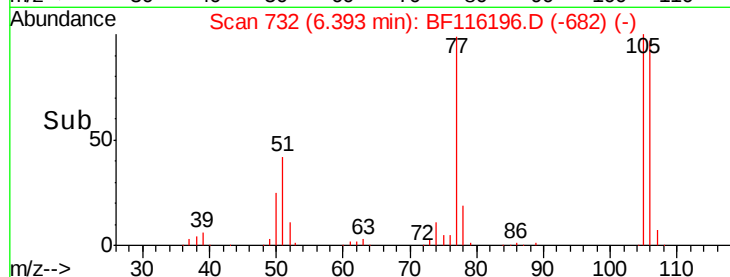
106 97.2 74.3 114.3



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: 41.987 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF116196.D

Acq: 12 Aug 2019 18:35

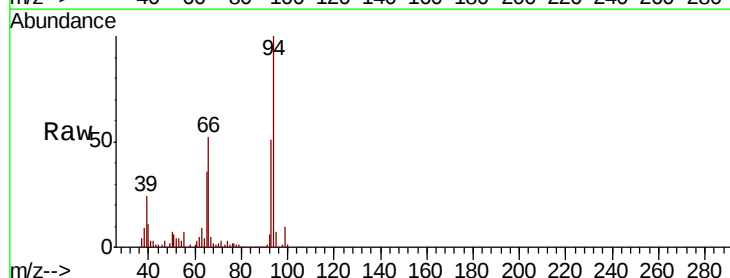
Tgt Ion: 94 Resp: 529472

Ion Ratio Lower Upper

94 100

65 35.6 16.8 56.8

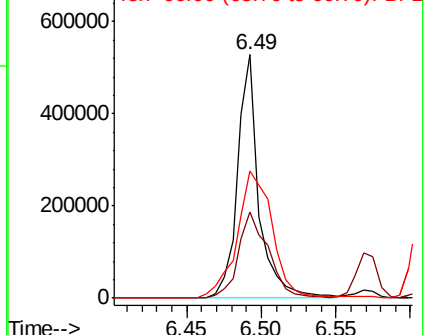
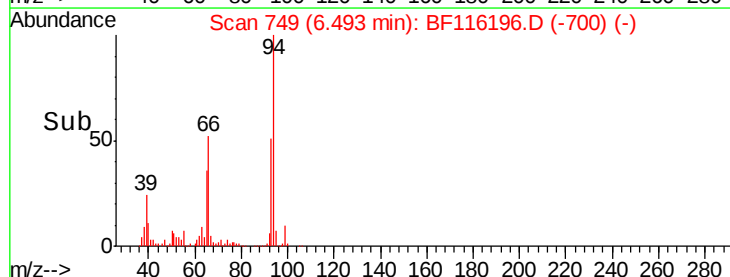
66 52.2 34.2 74.2



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

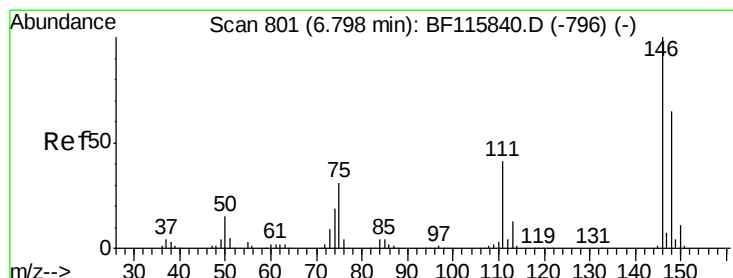
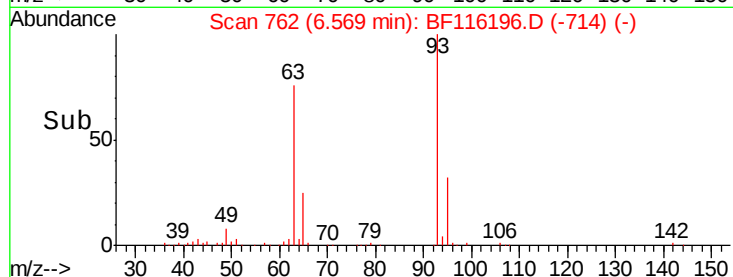
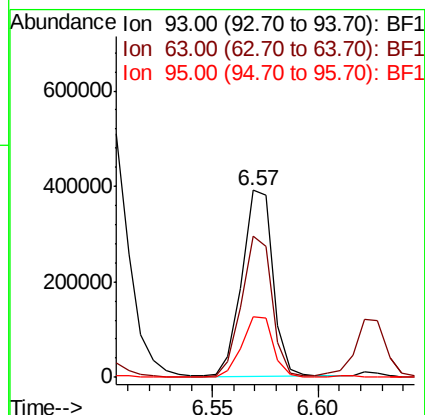
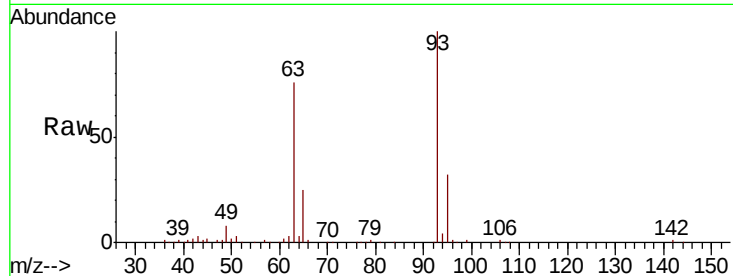




#11
bis(2-Chloroethyl)ether
Concen: 42.908 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF116196.D
Acq: 12 Aug 2019 18:35

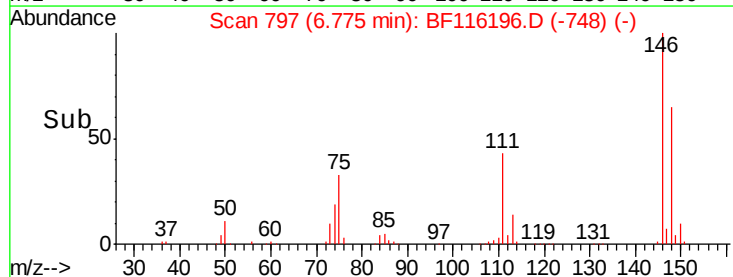
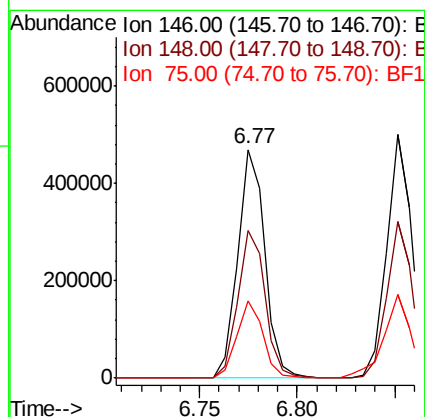
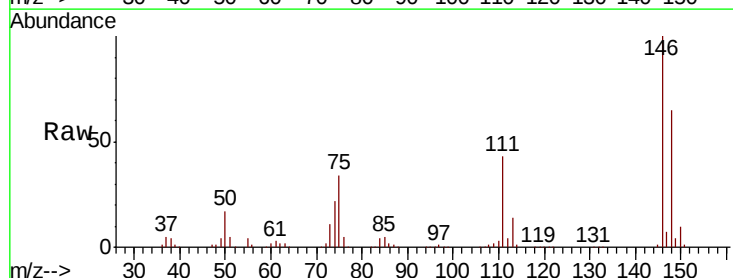
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

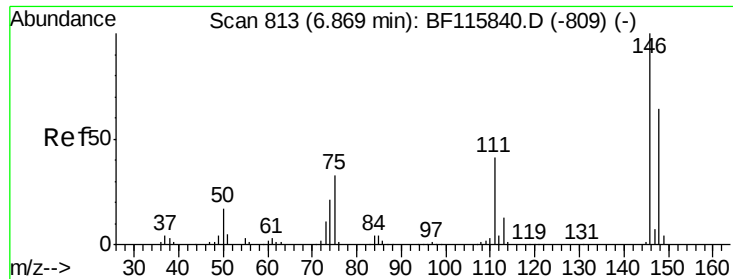
Tot Ion: 93 Resp: 397813
Ion Ratio Lower Upper
93 100
63 75.7 51.9 91.9
95 32.5 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 41.747 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF116196.D
Acq: 12 Aug 2019 18:35

Tgt Ion: 146 Resp: 452827
Ion Ratio Lower Upper
146 100
148 64.5 51.3 76.9
75 34.0 27.4 41.2

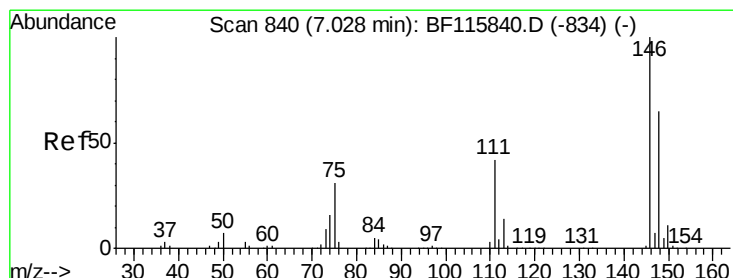
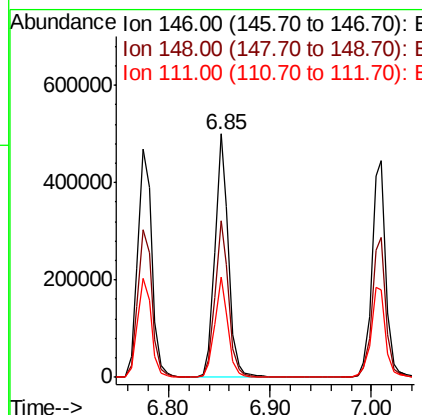
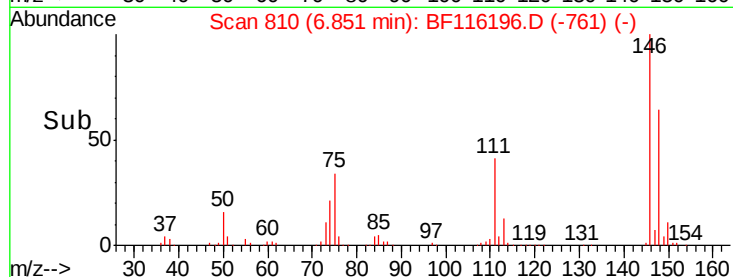
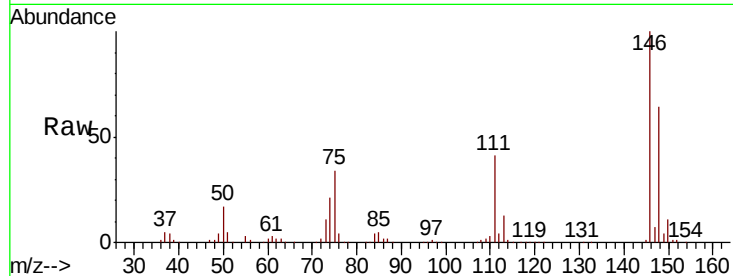




#13
 1,4-Dichlorobenzene
 Concen: 42.564 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF116196.D
 Acq: 12 Aug 2019 18:35

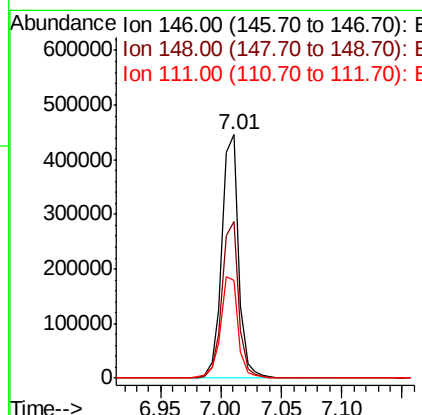
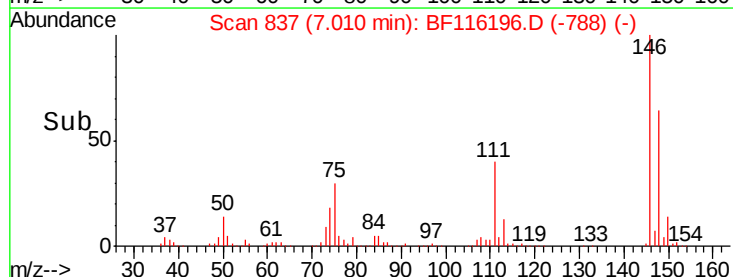
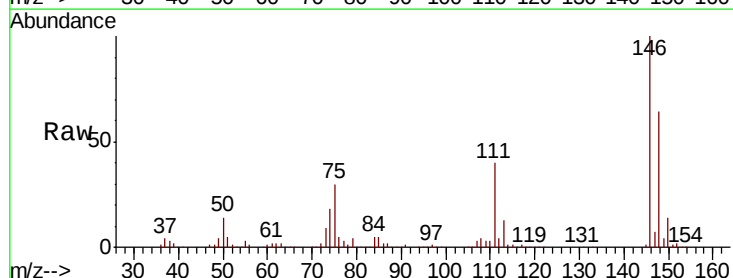
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

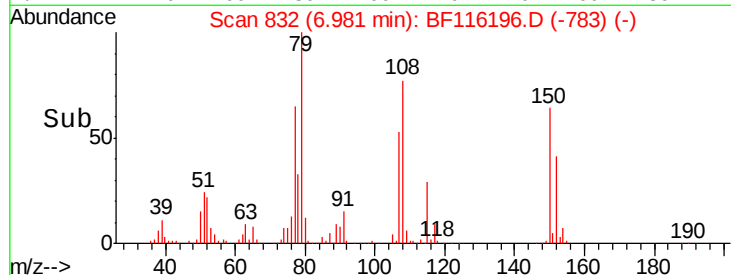
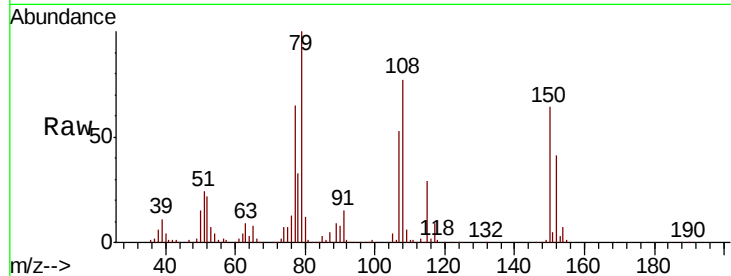
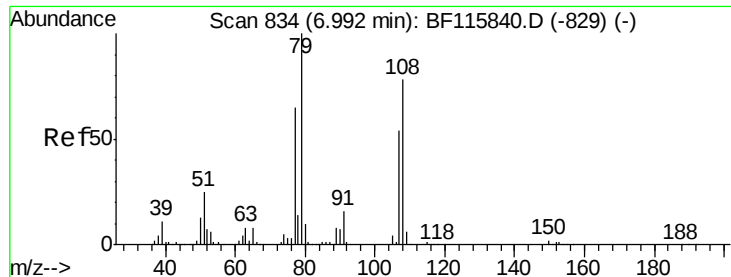
Tot Ion:146 Resp: 462264
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.3 76.9
 111 41.1 34.0 51.0



#14
 1,2-Dichlorobenzene
 Concen: 42.423 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF116196.D
 Acq: 12 Aug 2019 18:35

Tgt Ion:146 Resp: 424239
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.2 76.8
 111 40.3 33.5 50.3





#15

Benzyl Alcohol

Concen: 41.154 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF116196.D

Acq: 12 Aug 2019 18:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

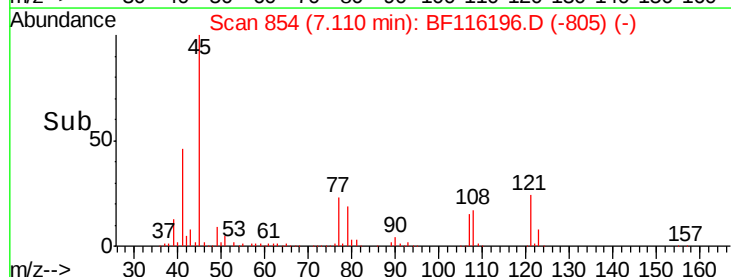
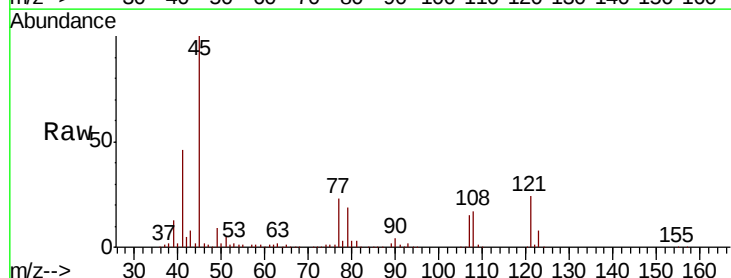
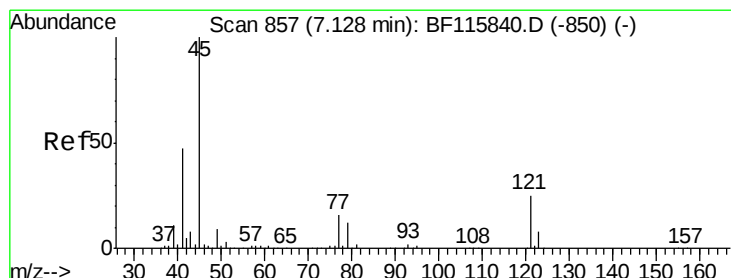
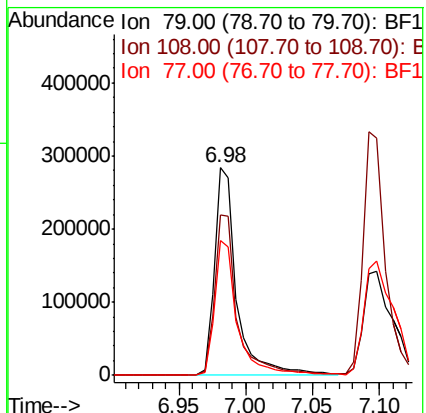
Tot Ion: 79 Resp: 334449

Ion Ratio Lower Upper

79 100

108 77.2 62.7 94.1

77 64.8 52.2 78.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.683 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF116196.D

Acq: 12 Aug 2019 18:35

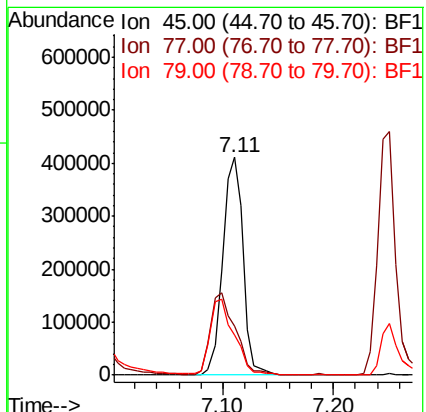
Tgt Ion: 45 Resp: 527130

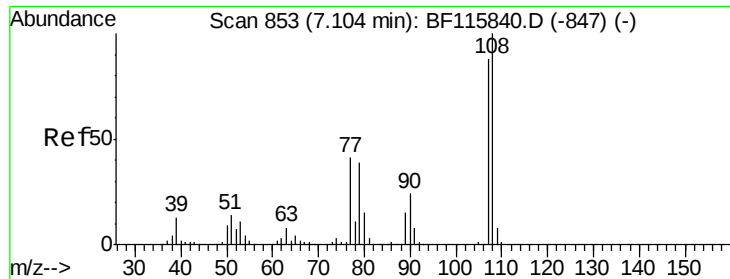
Ion Ratio Lower Upper

45 100

77 22.8 0.0 40.0

79 18.7 0.0 35.9

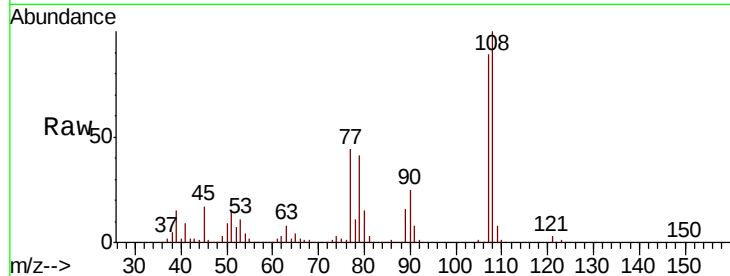




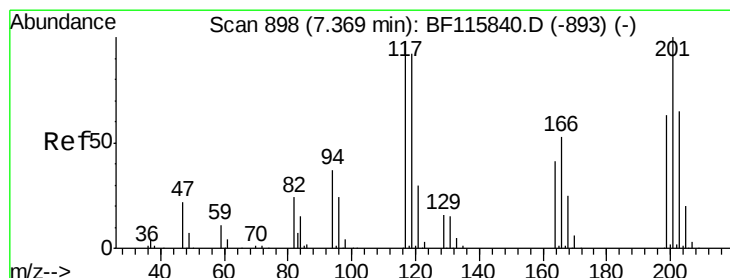
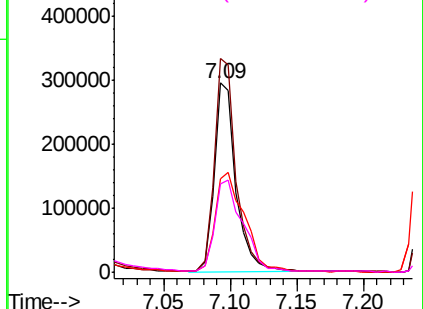
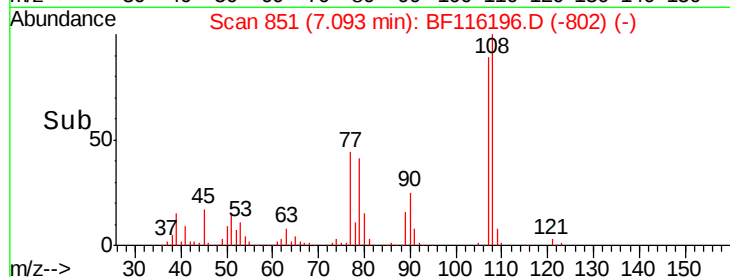
#17
2-Methylphenol
Concen: 42.447 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF116196.D
Acq: 12 Aug 2019 18:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	337338
Ion	Ratio	Lower	Upper
107	100		
108	112.8	91.2	136.8
77	49.5	40.3	60.5
79	46.7	37.6	56.4

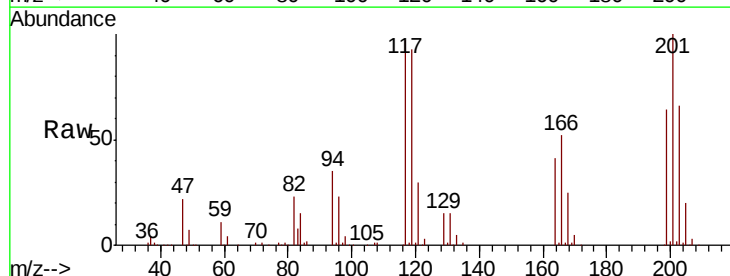


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

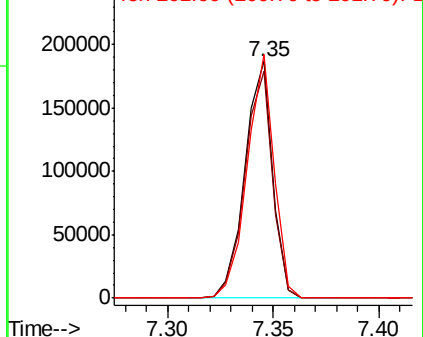
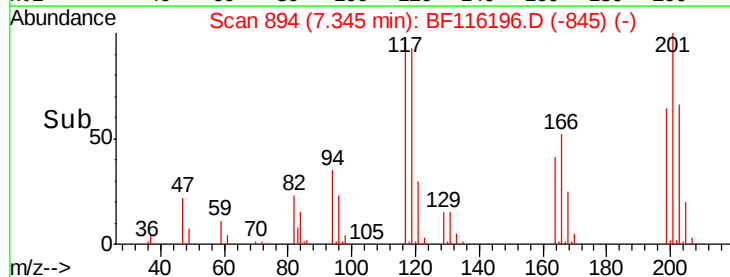


#18
Hexachloroethane
Concen: 42.470 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF116196.D
Acq: 12 Aug 2019 18:35

Tgt Ion:	117	Resp:	169821
Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.1	114.1
201	102.9	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

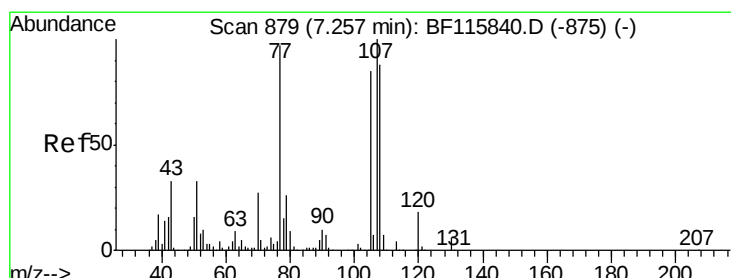
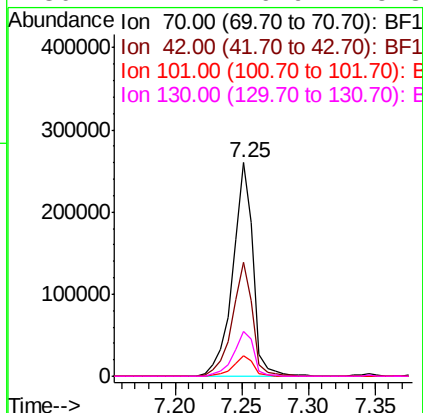
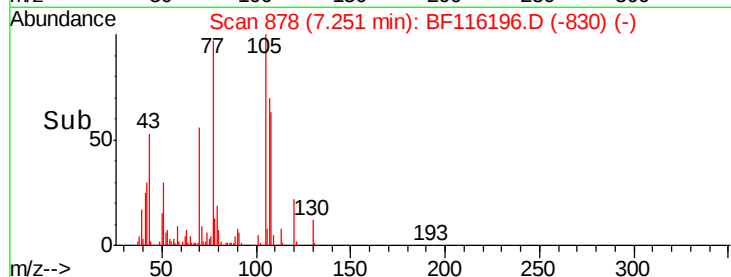
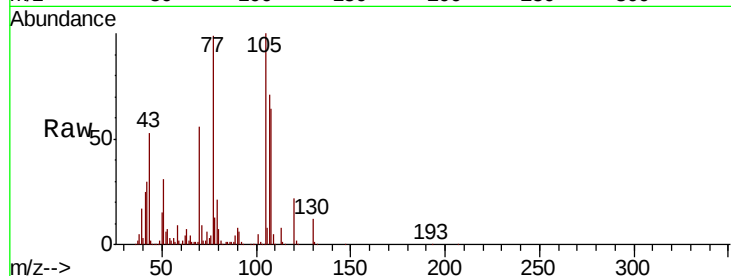




#19
n-Nitroso-di-n-propylamine
Concen: 41.871 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF116196.D
Acq: 12 Aug 2019 18:35

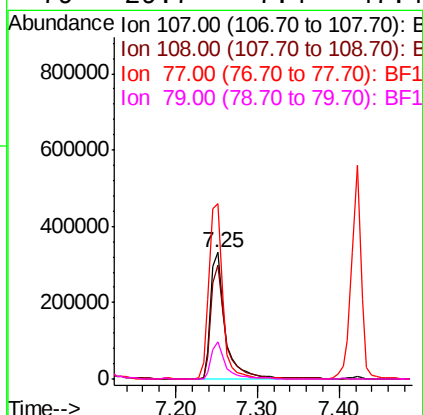
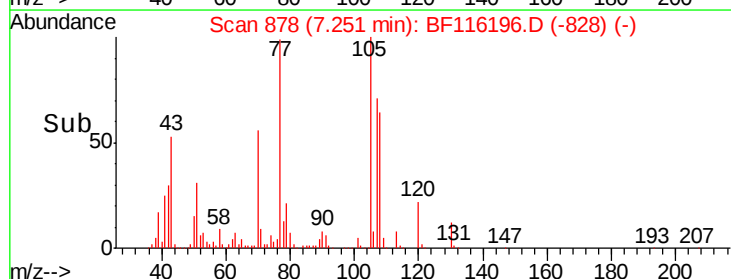
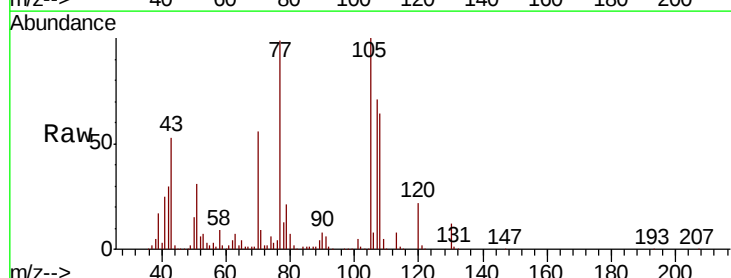
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	277848
Ion	Ratio	Lower	Upper
70	100		
42	53.2	40.9	61.3
101	9.6	7.9	11.9
130	21.2	16.9	25.3



#20
3+4-Methylphenols
Concen: 42.992 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116196.D
Acq: 12 Aug 2019 18:35

Tgt Ion:	107	Resp:	404323
Ion	Ratio	Lower	Upper
107	100		
108	90.7	67.6	107.6
77	138.9	104.4	144.4
79	29.7	7.4	47.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116196.D

Acq: 12 Aug 2019 18:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 583524

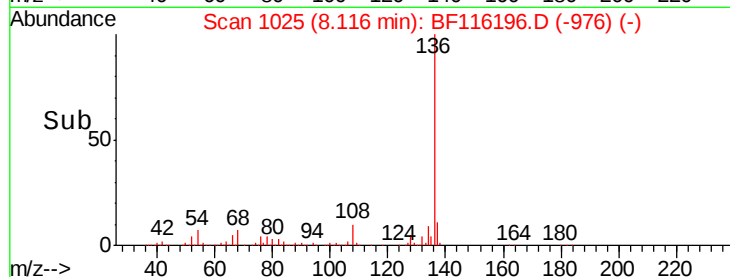
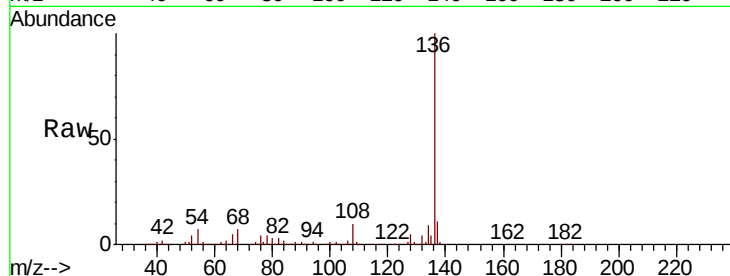
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.2 5.8 8.6

68 6.5 5.2 7.8

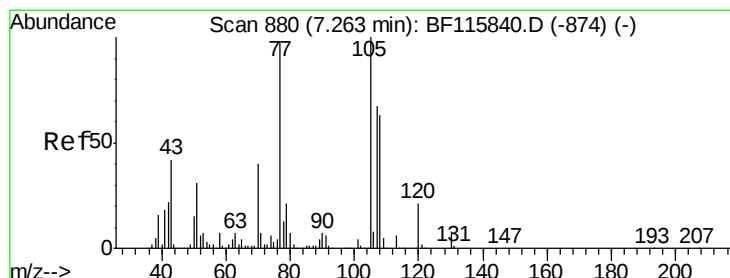
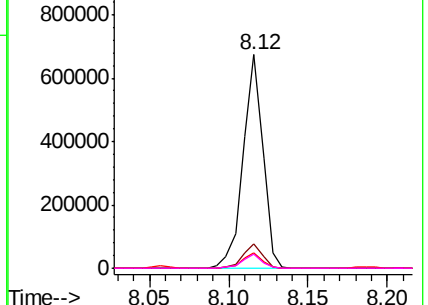


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.424 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF116196.D

Acq: 12 Aug 2019 18:35

Tgt Ion:105 Resp: 530125

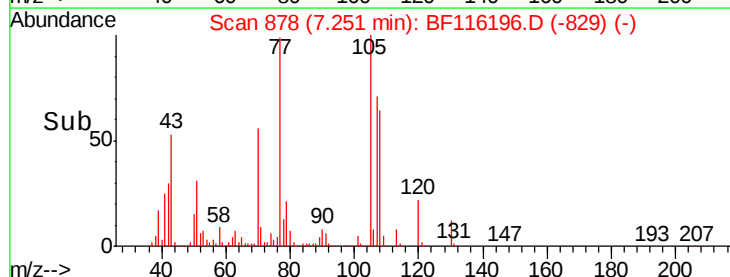
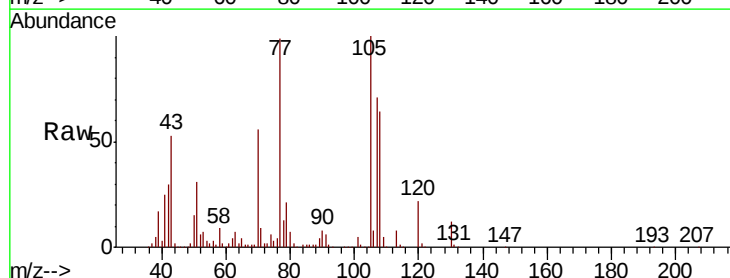
Ion Ratio Lower Upper

105 100

71 9.3 5.9 8.9#

51 30.6 25.3 37.9

120 22.0 17.9 26.9

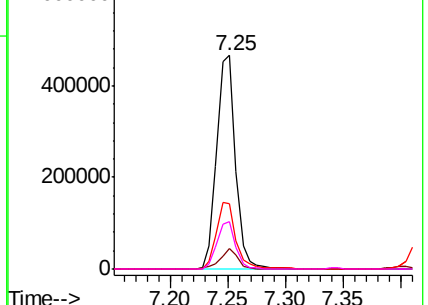


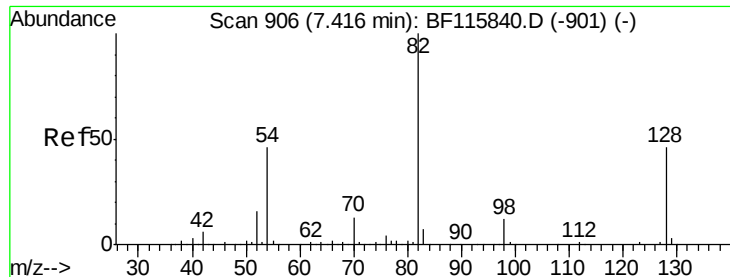
Abundance Ion 105.00 (104.70 to 105.70): E

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

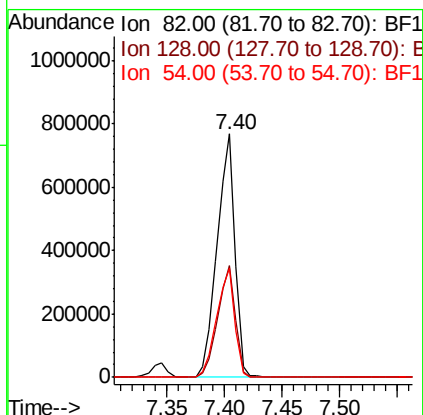
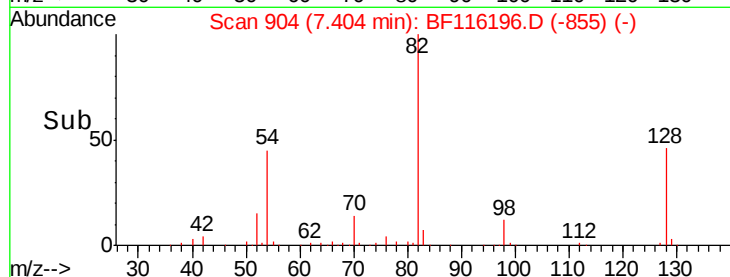
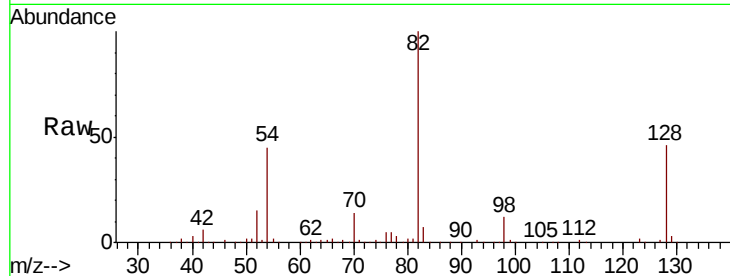




#23
 Nitrobenzene-d5
 Concen: 81.895 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116196.D
 Acq: 12 Aug 2019 18:35

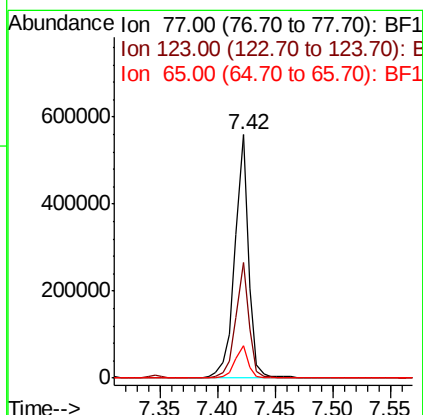
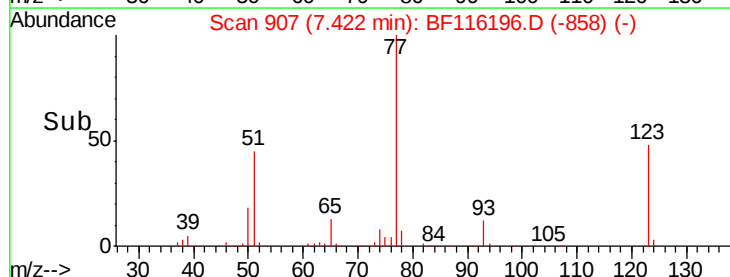
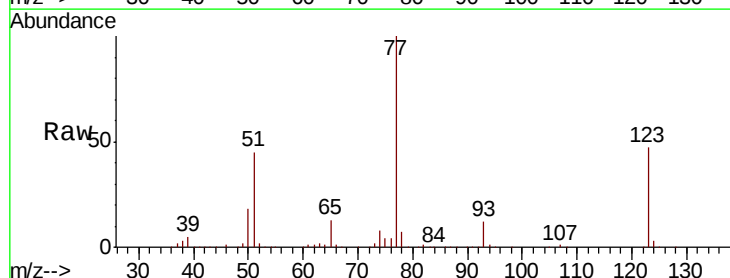
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 827882
 Ion Ratio Lower Upper
 82 100
 128 46.1 36.5 54.7
 54 44.8 36.0 54.0



#24
 Nitrobenzene
 Concen: 41.923 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF116196.D
 Acq: 12 Aug 2019 18:35

Tgt Ion: 77 Resp: 457602
 Ion Ratio Lower Upper
 77 100
 123 47.3 36.7 55.1
 65 13.3 10.6 16.0





#25

Isophorone

Concen: 42.090 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.02 min

Lab File: BF116196.D

Acq: 12 Aug 2019 18:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

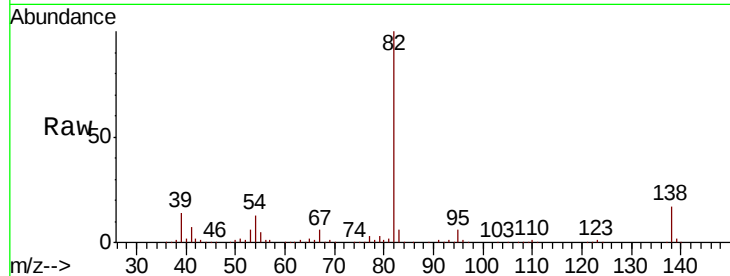
Tot Ion: 82 Resp: 813596

Ion Ratio Lower Upper

82 100

95 6.4 5.4 8.0

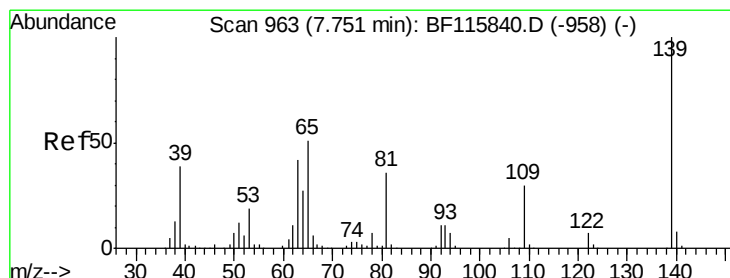
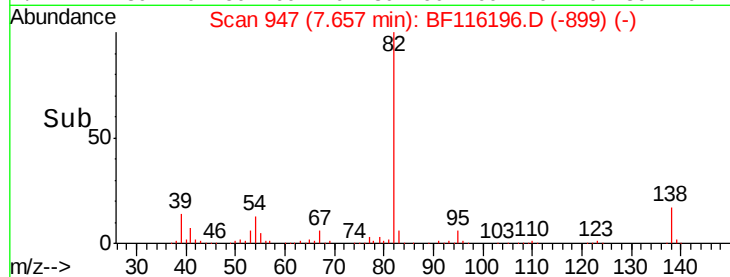
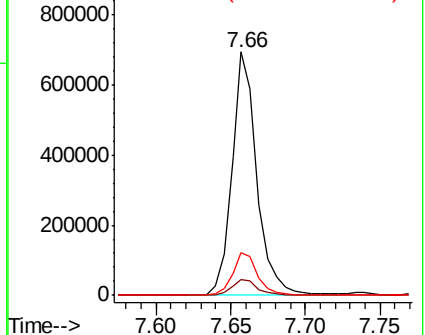
138 17.4 14.5 21.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.608 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF116196.D

Acq: 12 Aug 2019 18:35

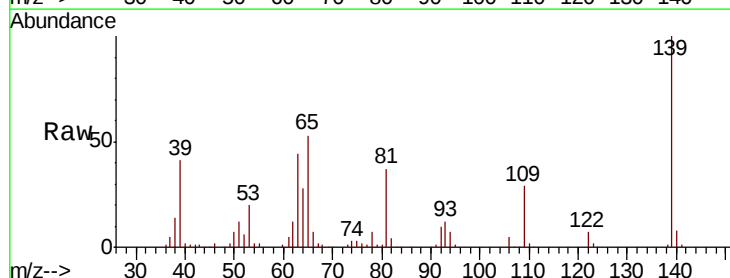
Tgt Ion: 139 Resp: 229520

Ion Ratio Lower Upper

139 100

109 29.4 23.4 35.2

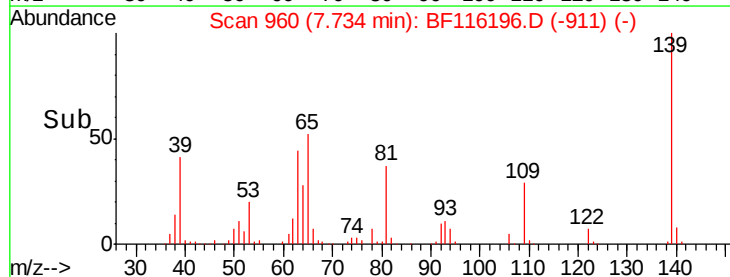
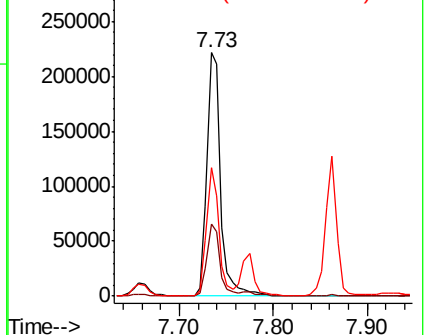
65 52.6 41.1 61.7

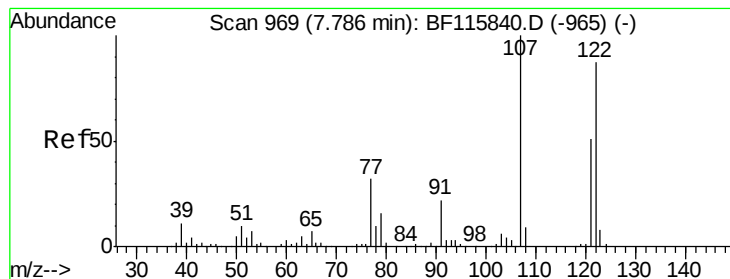


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 41.211 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF116196.D

Acq: 12 Aug 2019 18:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

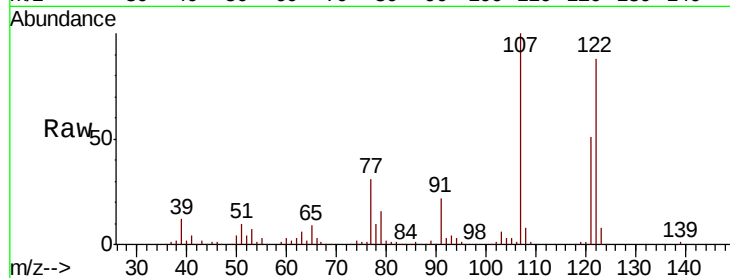
Tot Ion:122 Resp: 319017

Ion Ratio Lower Upper

122 100

107 113.3 93.0 139.6

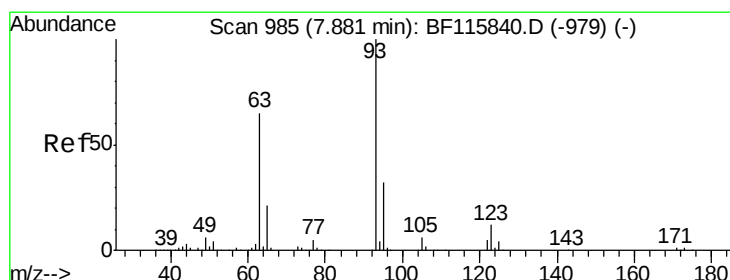
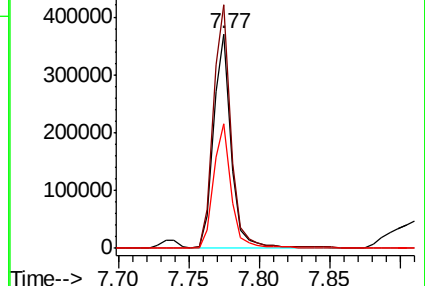
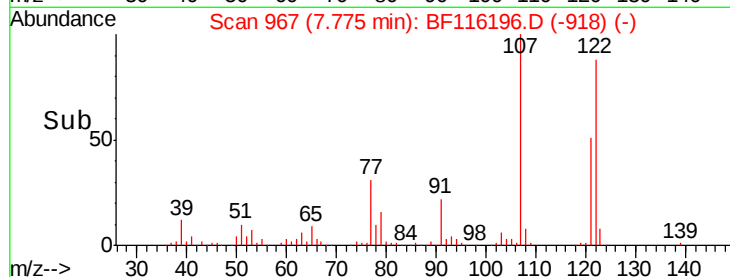
121 58.0 47.6 71.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.549 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF116196.D

Acq: 12 Aug 2019 18:35

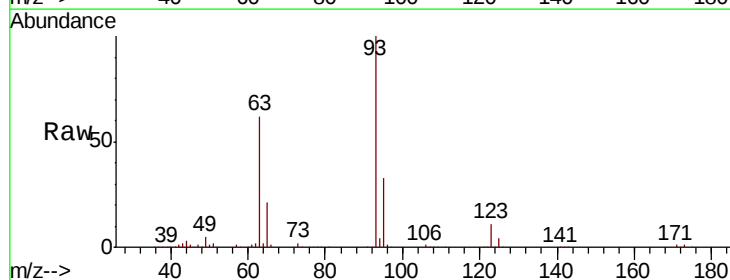
Tgt Ion: 93 Resp: 509784

Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.4

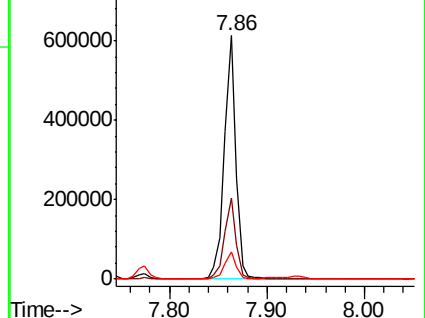
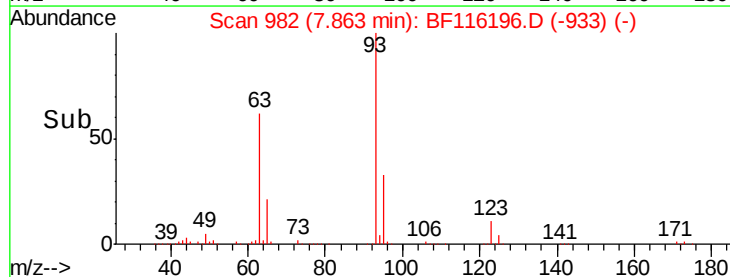
123 11.4 9.2 13.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

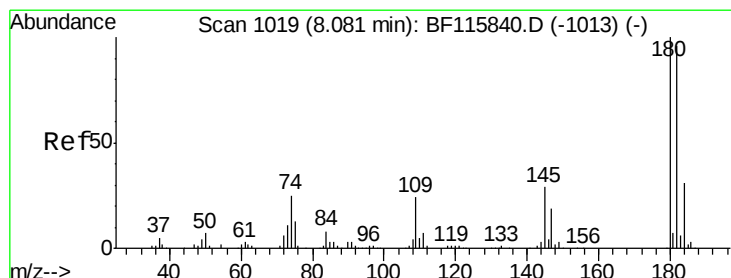
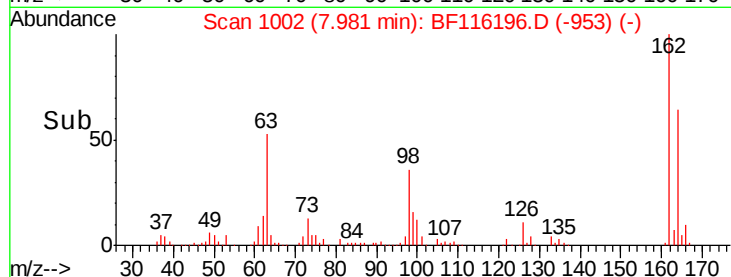
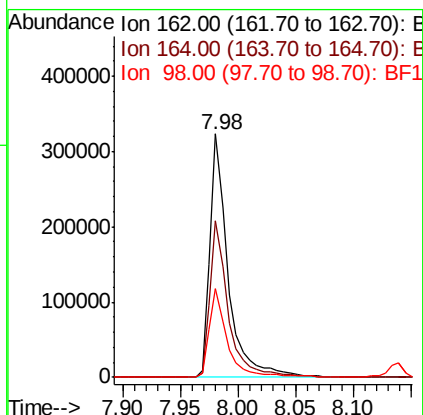
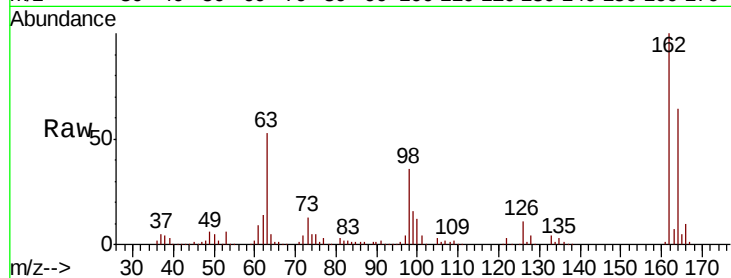




#29
 2,4-Dichlorophenol
 Concen: 43.345 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF116196.D
 Acq: 12 Aug 2019 18:35

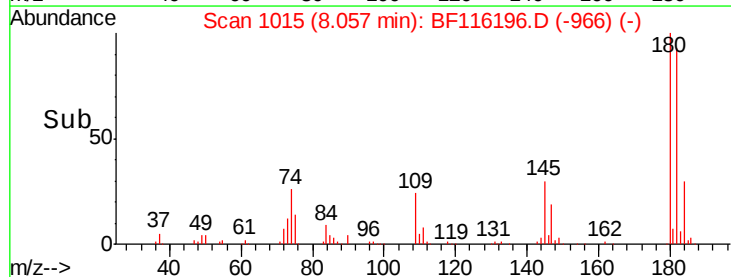
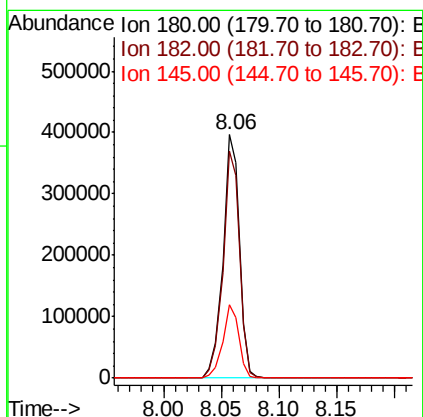
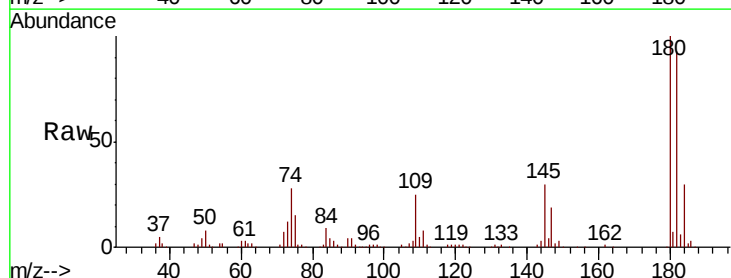
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

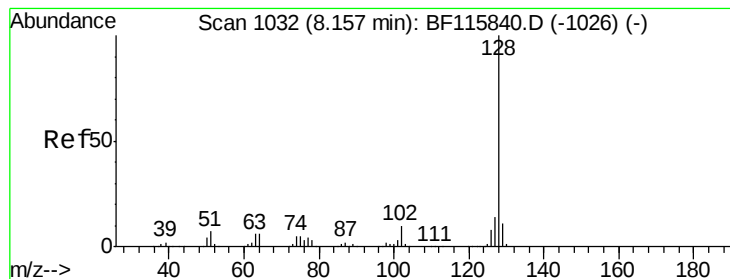
Tot Ion:162 Resp: 354280
 Ion Ratio Lower Upper
 162 100
 164 64.3 45.1 85.1
 98 36.4 15.8 55.8



#30
 1,2,4-Trichlorobenzene
 Concen: 42.140 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BF116196.D
 Acq: 12 Aug 2019 18:35

Tgt Ion:180 Resp: 392619
 Ion Ratio Lower Upper
 180 100
 182 93.5 75.7 113.5
 145 30.0 24.3 36.5





#31

Naphthalene

Concen: 42.180 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF116196.D

Acq: 12 Aug 2019 18:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

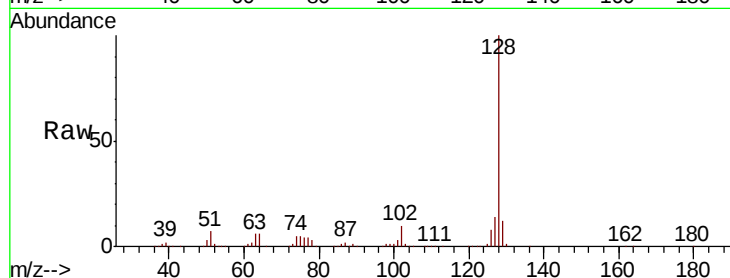
Tot Ion:128 Resp: 1158243

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

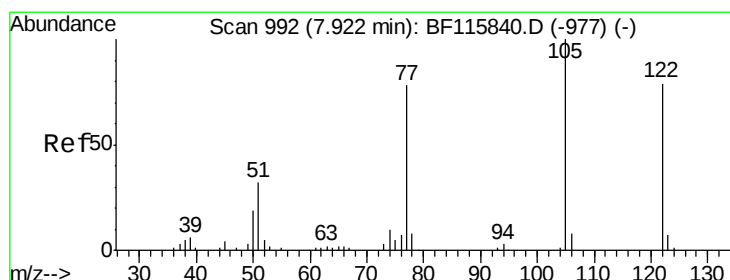
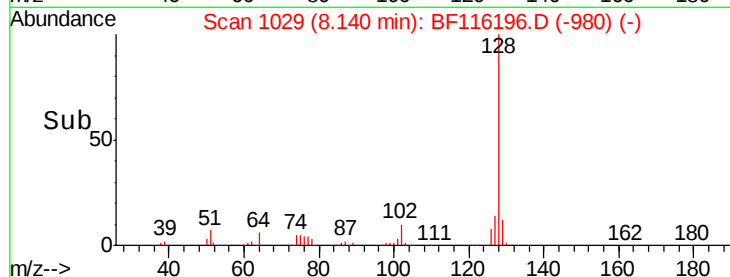
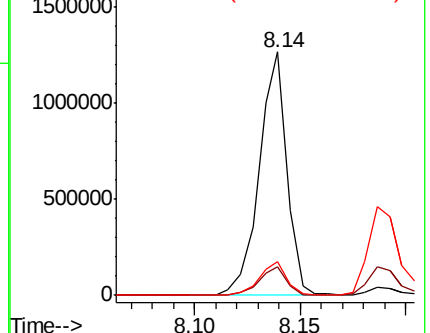
127 14.0 11.4 17.0



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: 38.875 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF116196.D

Acq: 12 Aug 2019 18:35

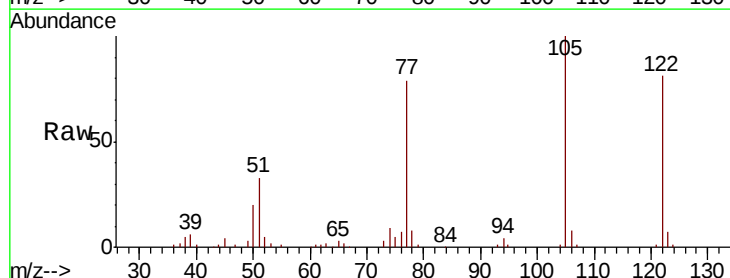
Tgt Ion:122 Resp: 212165

Ion Ratio Lower Upper

122 100

105 122.7 106.1 146.1

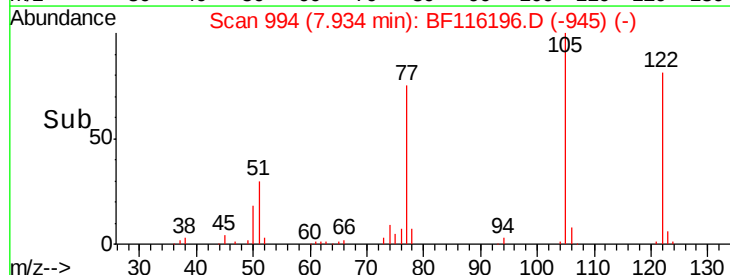
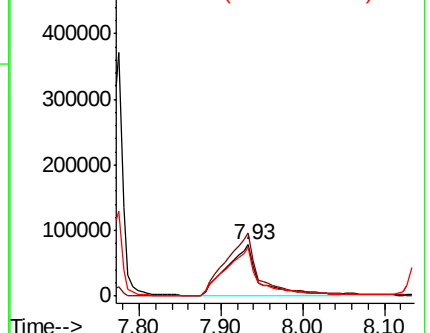
77 97.0 76.7 116.7

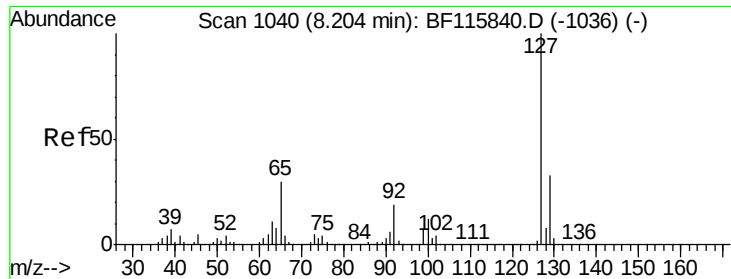


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

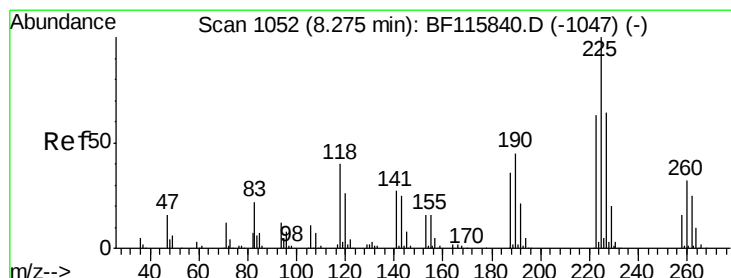
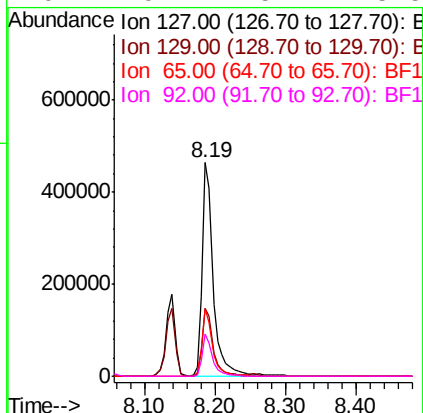
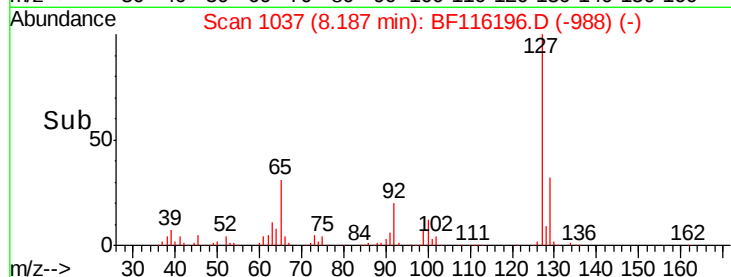
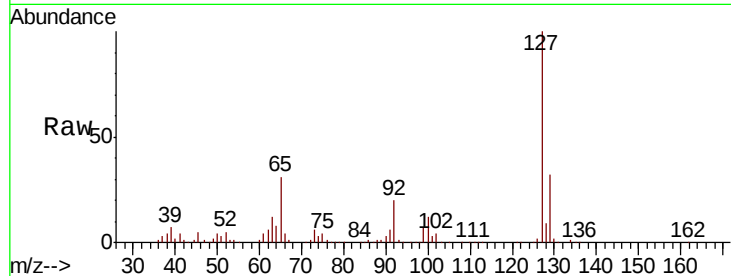




#33
4-Chloroaniline
Concen: 41.968 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF116196.D
Acq: 12 Aug 2019 18:35

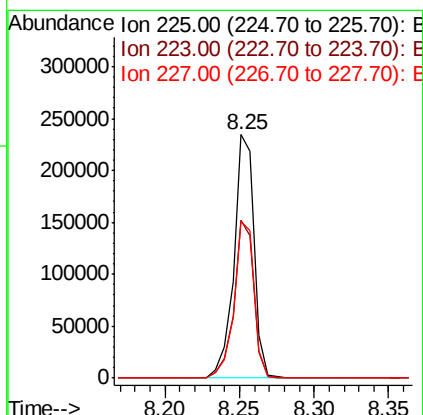
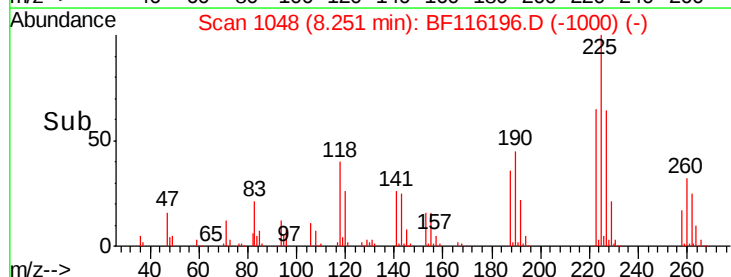
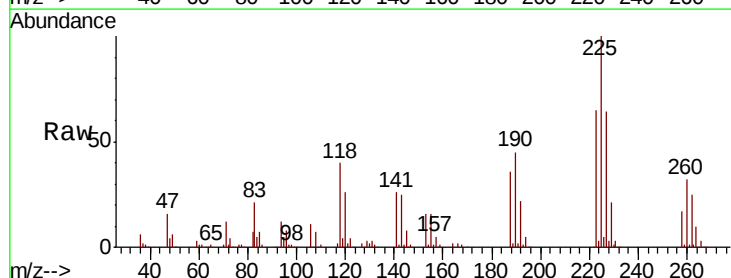
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

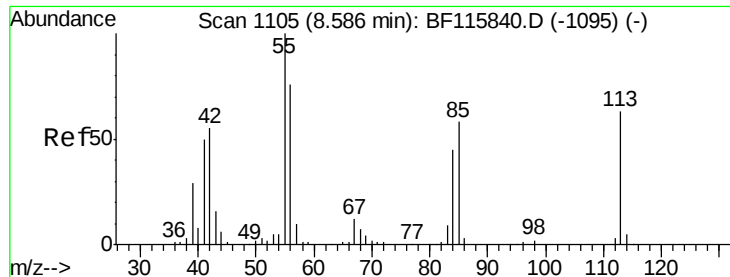
Tot Ion:	127	Resp:	514904
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.1	39.1
65	31.5	24.9	37.3
92	19.7	15.7	23.5



#34
Hexachlorobutadiene
Concen: 41.550 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF116196.D
Acq: 12 Aug 2019 18:35

Tgt Ion:	225	Resp:	222983
Ion	Ratio	Lower	Upper
225	100		
223	64.7	50.0	75.0
227	64.3	51.0	76.4

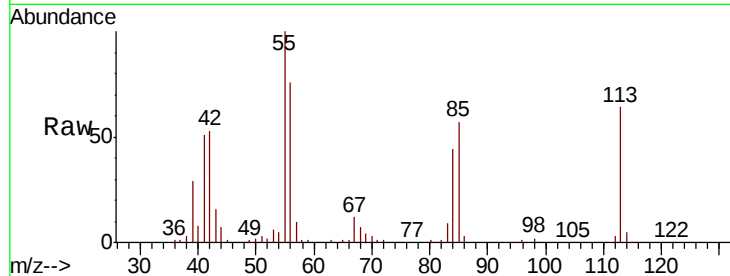




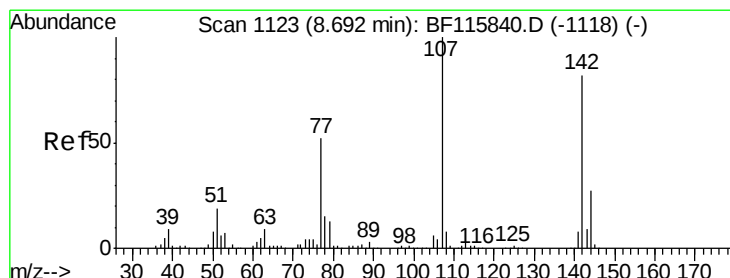
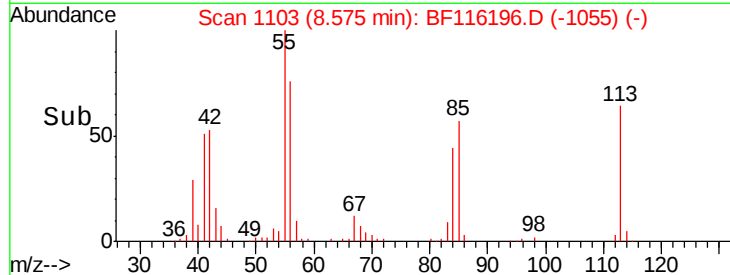
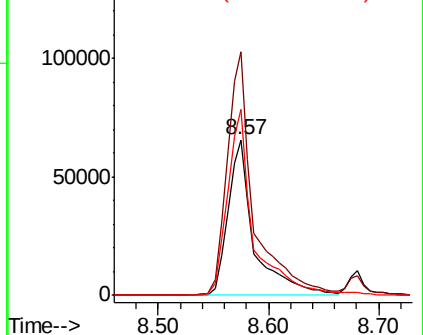
#35
Caprolactam
Concen: 41.253 ng
RT: 8.57 min Scan# 1103
Delta R.T. -0.02 min
Lab File: BF116196.D
Acq: 12 Aug 2019 18:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:113 Resp: 109052
Ion Ratio Lower Upper
113 100
55 156.5 144.3 184.3
56 119.5 97.1 137.1

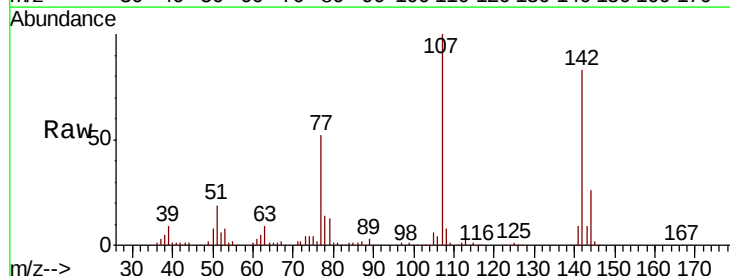


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

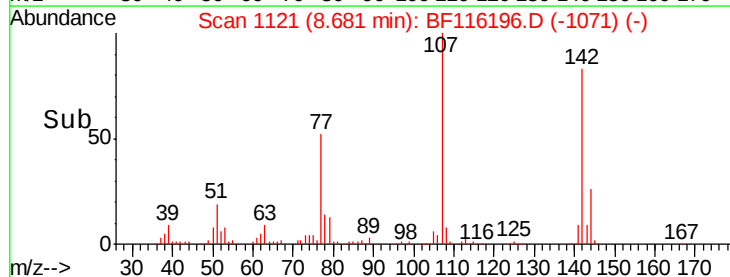
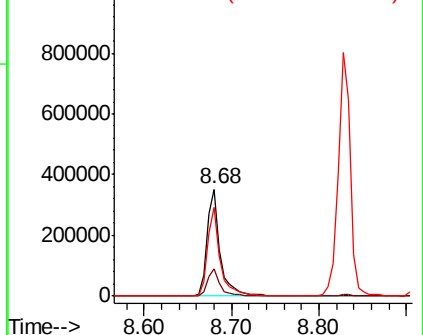


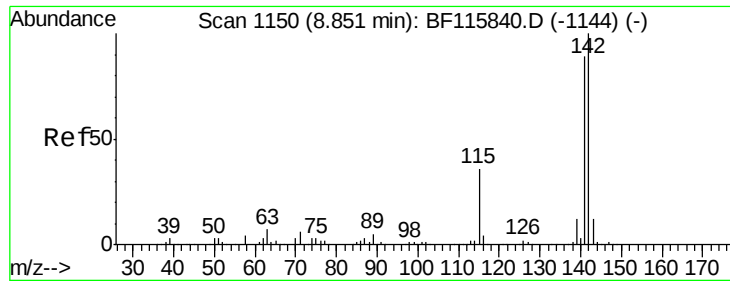
#36
4-Chloro-3-methylphenol
Concen: 42.890 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF116196.D
Acq: 12 Aug 2019 18:35

Tgt Ion:107 Resp: 364697
Ion Ratio Lower Upper
107 100
144 26.0 20.2 30.2
142 82.7 61.7 92.5



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

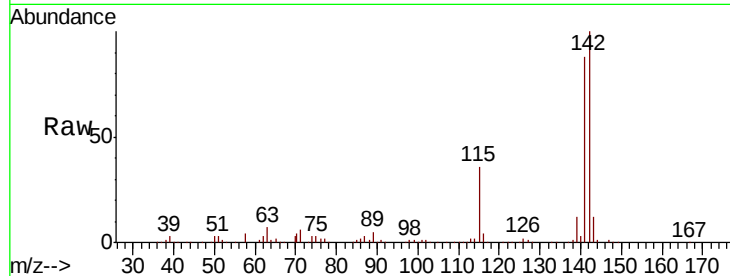




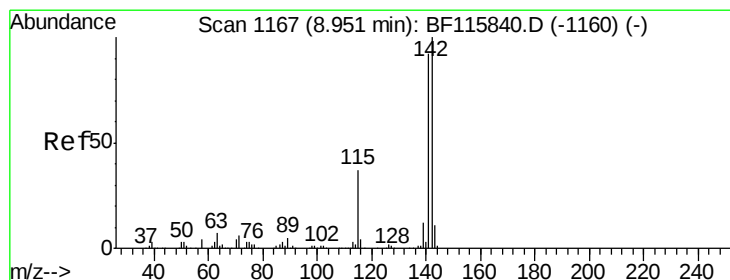
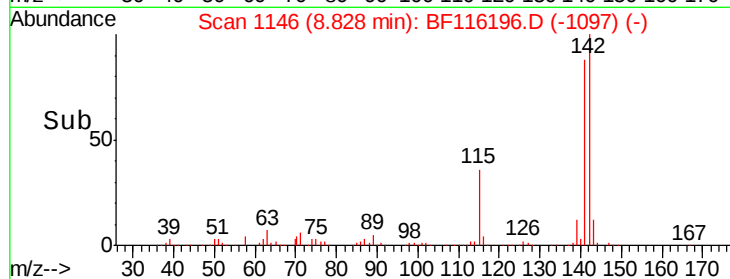
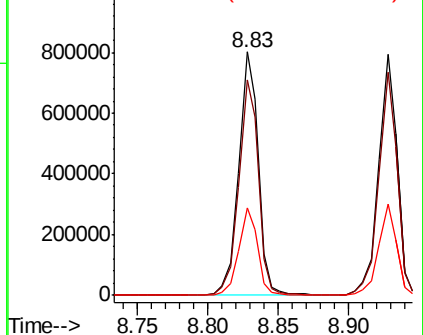
#37
2-Methylnaphthalene
Concen: 42.645 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF116196.D
Acq: 12 Aug 2019 18:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 771217
Ion Ratio Lower Upper
142 100
141 88.3 70.9 106.3
115 35.7 29.0 43.6

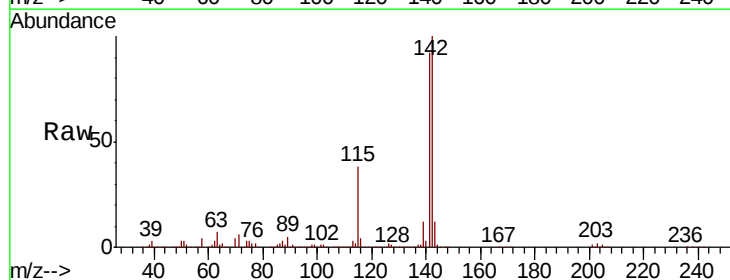


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

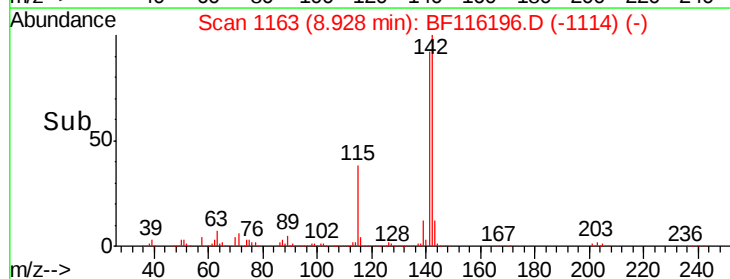
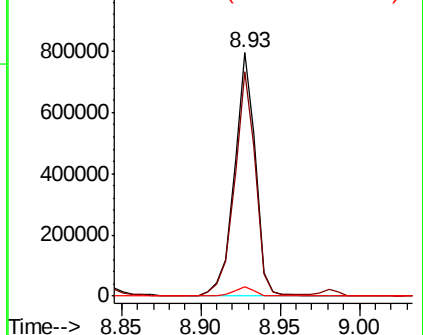


#38
1-Methylnaphthalene
Concen: 42.254 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF116196.D
Acq: 12 Aug 2019 18:35

Tgt Ion:142 Resp: 722902
Ion Ratio Lower Upper
142 100
141 92.3 74.4 111.6
116 3.9 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF116196.D

Acq: 12 Aug 2019 18:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

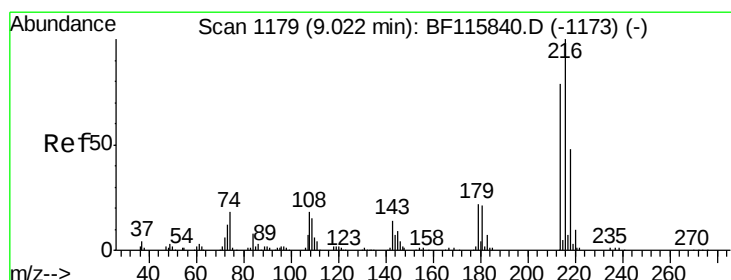
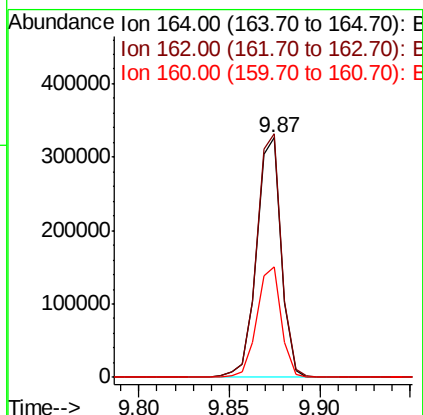
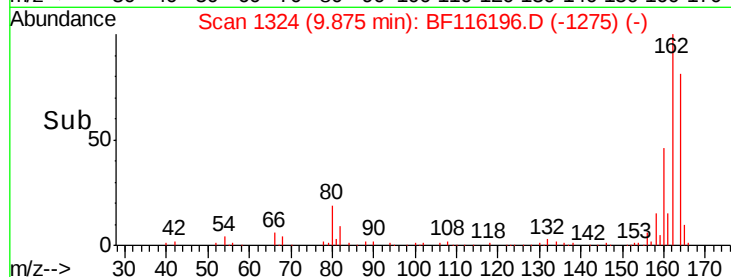
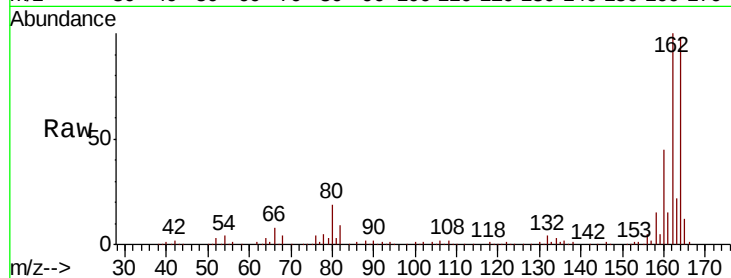
Tot Ion:164 Resp: 308284

Ion Ratio Lower Upper

164 100

162 101.8 82.6 124.0

160 46.0 37.6 56.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.543 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF116196.D

Acq: 12 Aug 2019 18:35

Tgt Ion:216 Resp: 350622

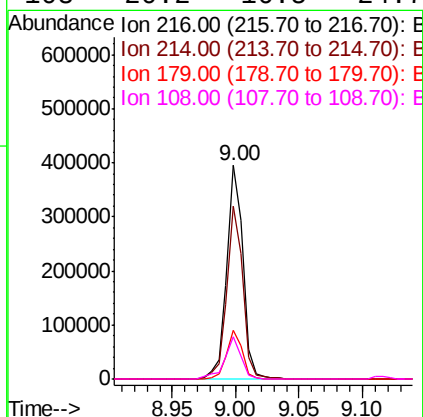
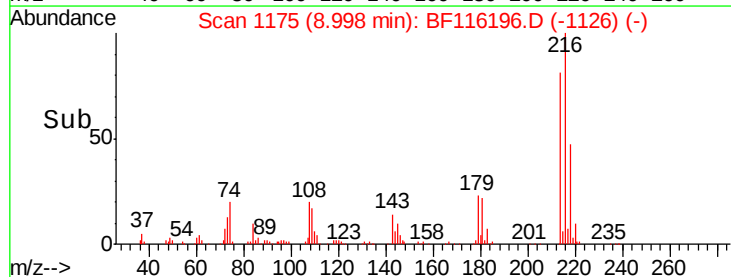
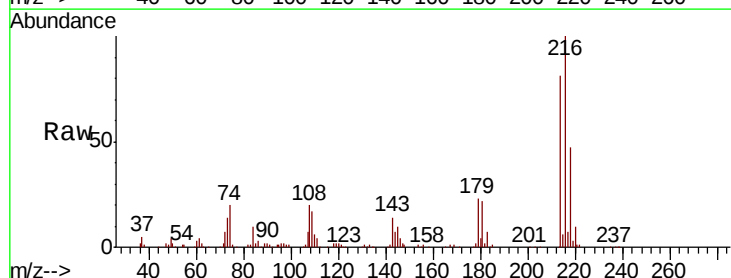
Ion Ratio Lower Upper

216 100

214 80.1 63.6 95.4

179 22.0 17.8 26.8

108 20.2 16.5 24.7





#41

Hexachlorocyclopentadiene

Concen: 36.218 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF116196.D

Acq: 12 Aug 2019 18:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

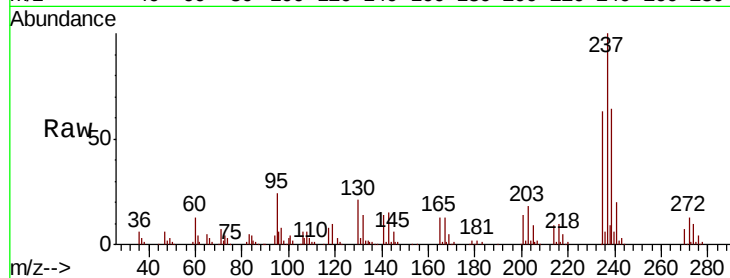
Tot Ion:237 Resp: 121055

Ion Ratio Lower Upper

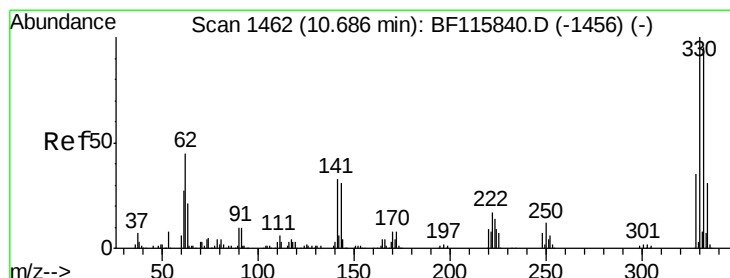
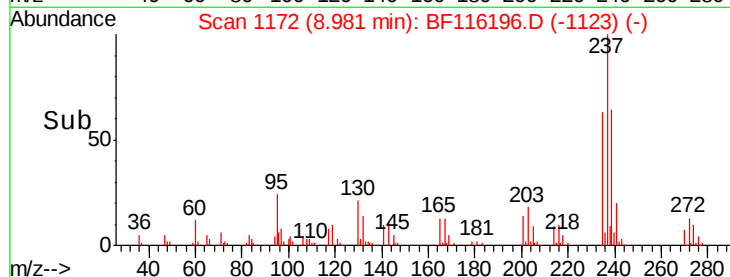
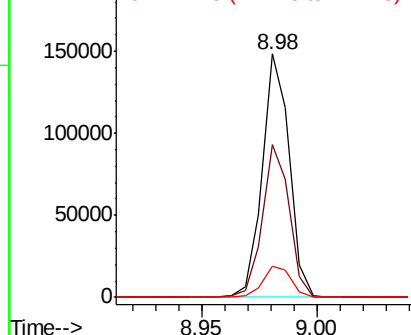
237 100

235 62.7 43.4 83.4

272 13.0 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: 81.298 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116196.D

Acq: 12 Aug 2019 18:35

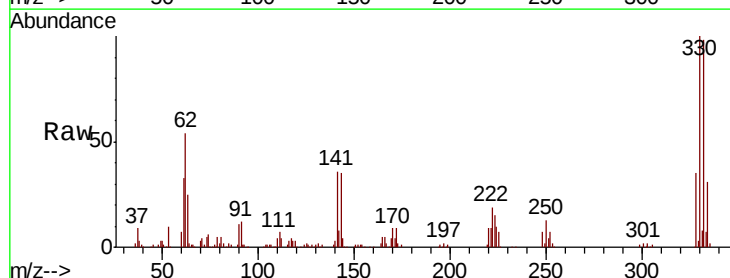
Tgt Ion:330 Resp: 242991

Ion Ratio Lower Upper

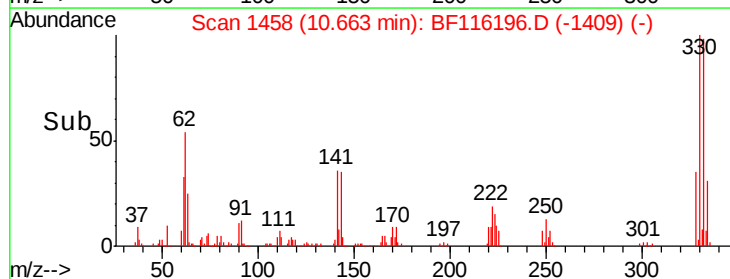
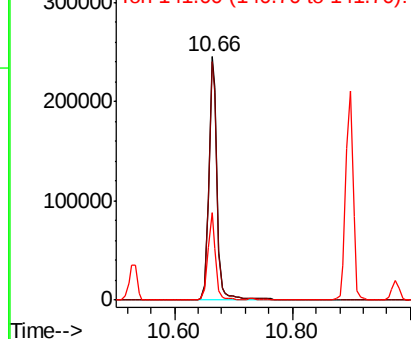
330 100

332 95.8 76.8 115.2

141 33.3 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

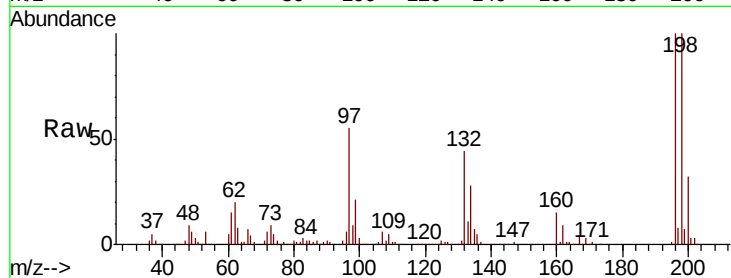




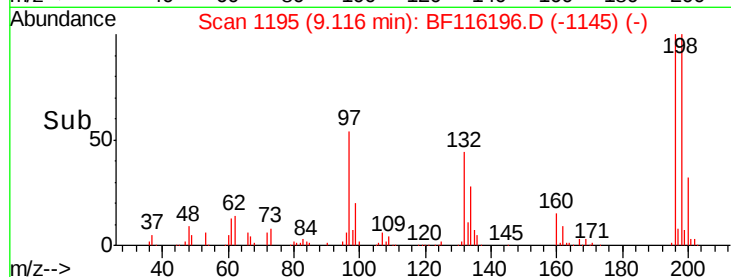
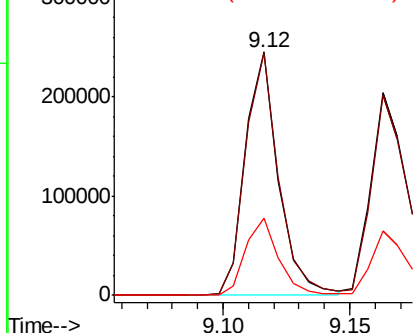
#43
 2,4,6-Trichlorophenol
 Concen: 39.345 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF116196.D
 Acq: 12 Aug 2019 18:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196	Resp:	223196
Ion Ratio	Lower	Upper
196	100	
198	99.6	79.2 118.8
200	31.6	25.2 37.8

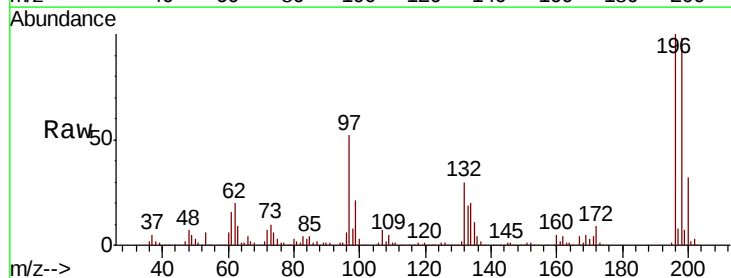


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

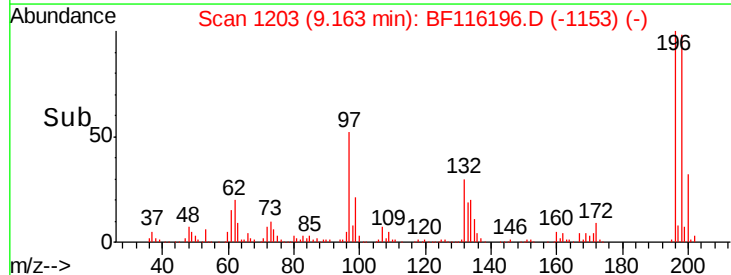
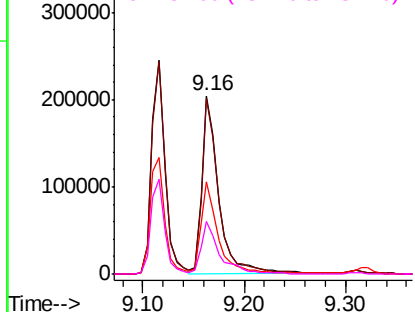


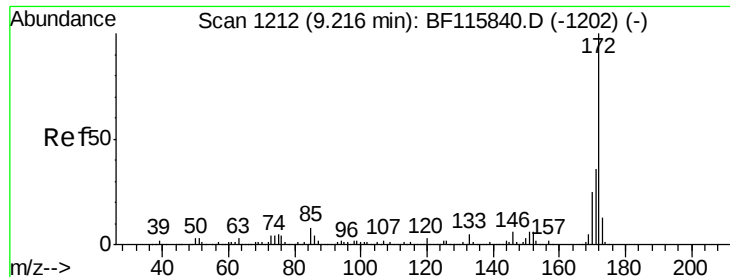
#44
 2,4,5-Trichlorophenol
 Concen: 40.104 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF116196.D
 Acq: 12 Aug 2019 18:35

Tgt Ion:196	Resp:	235172
Ion Ratio	Lower	Upper
196	100	
198	98.2	78.8 118.2
97	51.6	42.2 63.4
132	29.6	24.0 36.0



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

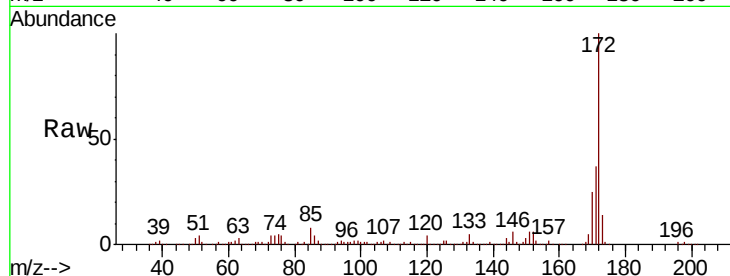




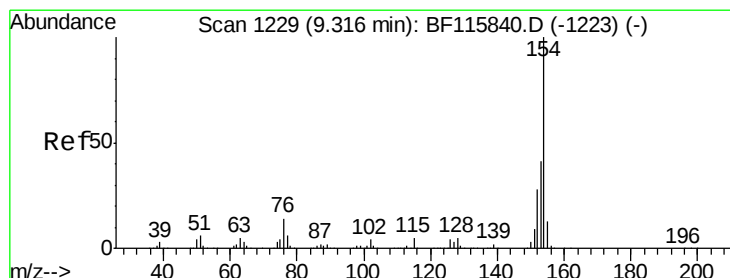
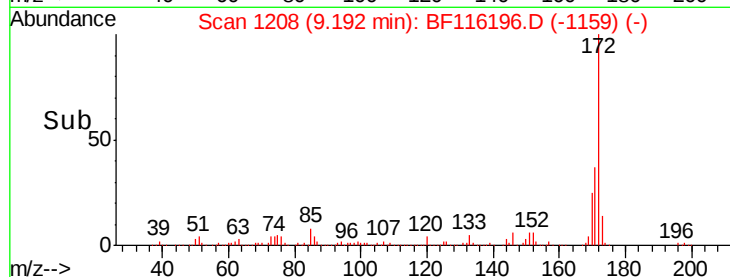
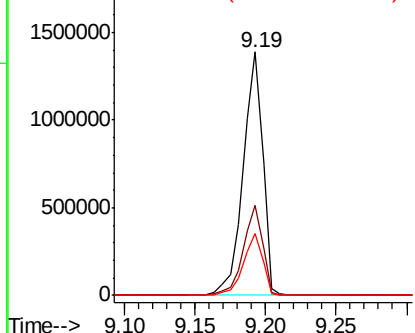
#45
2-Fluorobiphenyl
Concen: 81.987 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116196.D
Acq: 12 Aug 2019 18:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 1349398
Ion Ratio Lower Upper
172 100
171 37.0 29.6 44.4
170 25.4 20.1 30.1

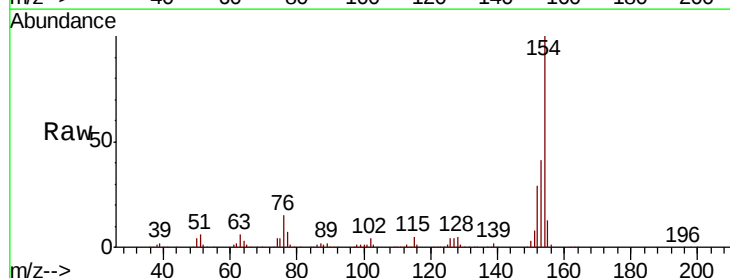


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

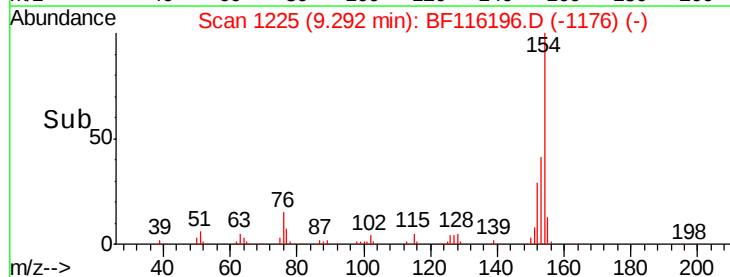
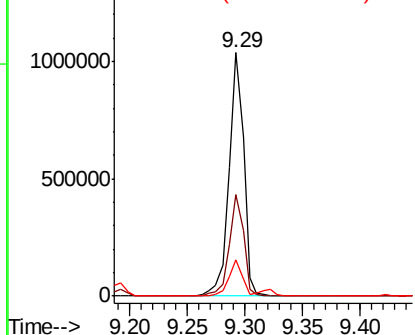


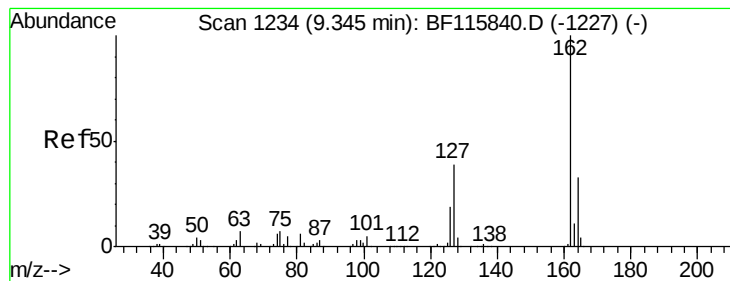
#46
1,1'-Biphenyl
Concen: 41.815 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF116196.D
Acq: 12 Aug 2019 18:35

Tgt Ion:154 Resp: 910099
Ion Ratio Lower Upper
154 100
153 41.5 21.4 61.4
76 14.6 0.0 35.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 41.615 ng

RT: 9.32 min Scan# 1230

Delta R.T. -0.01 min

Lab File: BF116196.D

Acq: 12 Aug 2019 18:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

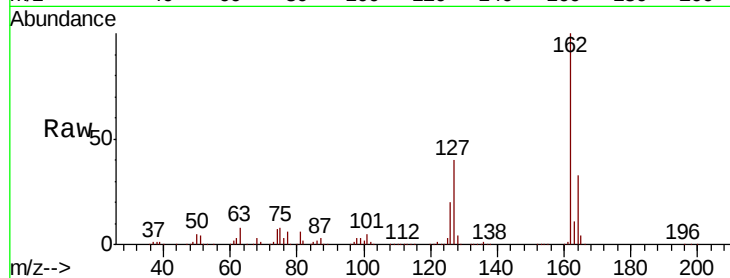
Tot Ion:162 Resp: 753843

Ion Ratio Lower Upper

162 100

127 40.3 32.8 49.2

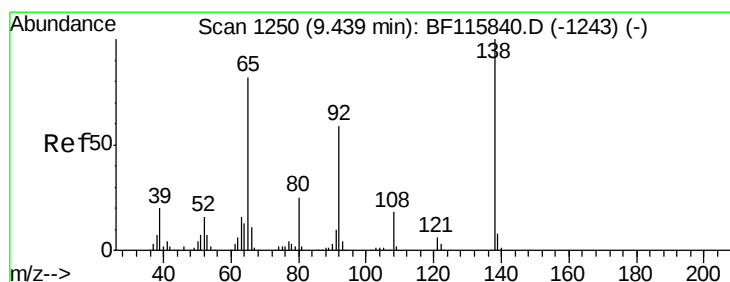
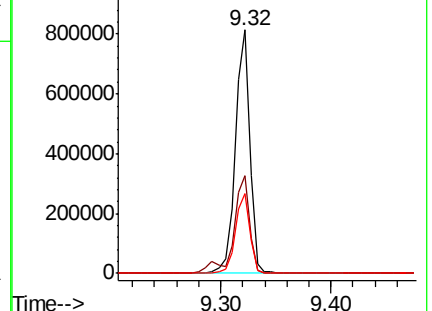
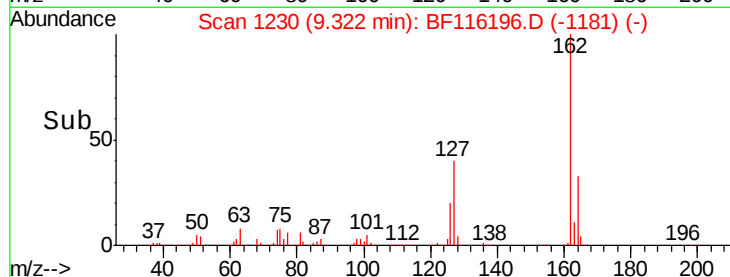
164 33.0 26.6 39.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 41.347 ng

RT: 9.42 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BF116196.D

Acq: 12 Aug 2019 18:35

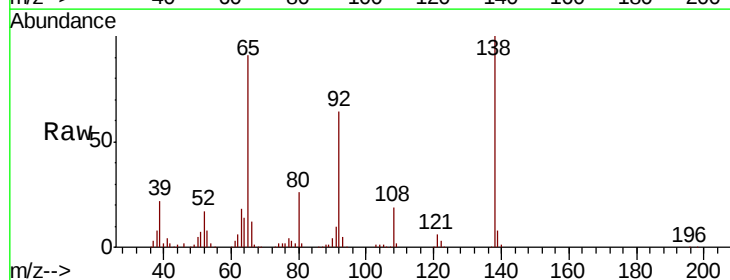
Tgt Ion: 65 Resp: 247567

Ion Ratio Lower Upper

65 100

92 71.1 57.8 86.8

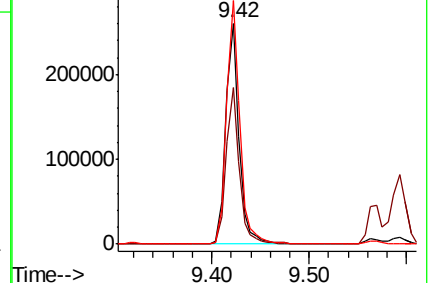
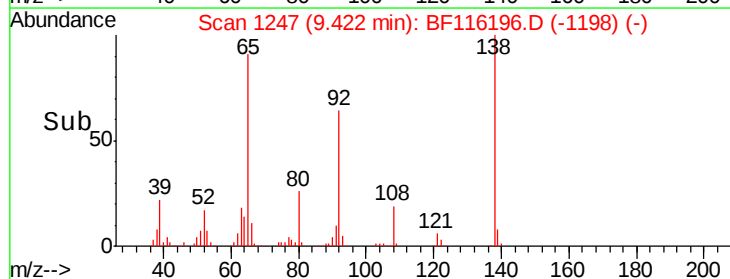
138 110.3 94.0 141.0

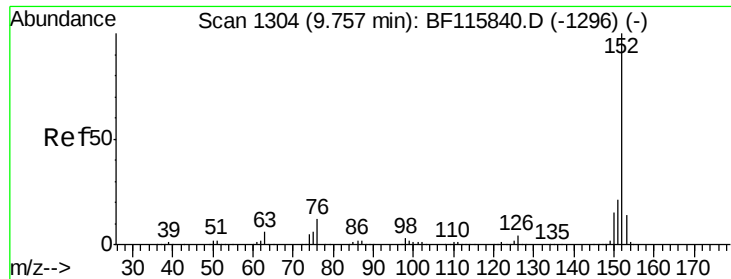


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.195 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF116196.D

Acq: 12 Aug 2019 18:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

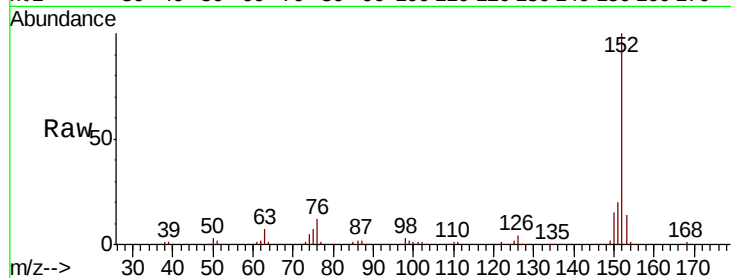
Tot Ion:152 Resp: 1115125

Ion Ratio Lower Upper

152 100

151 20.5 17.2 25.8

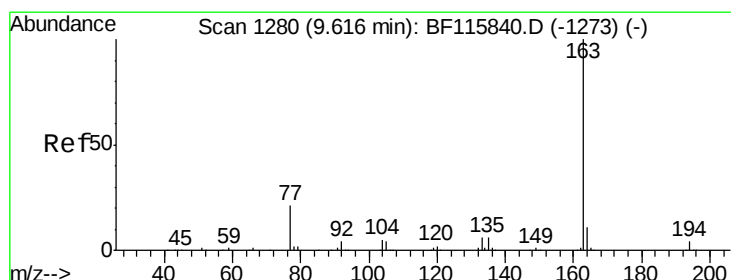
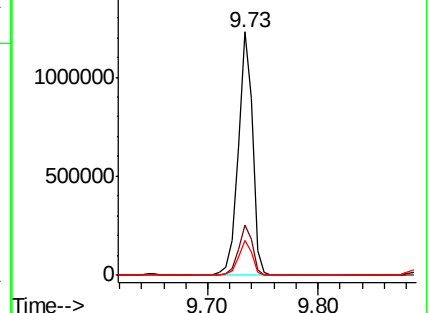
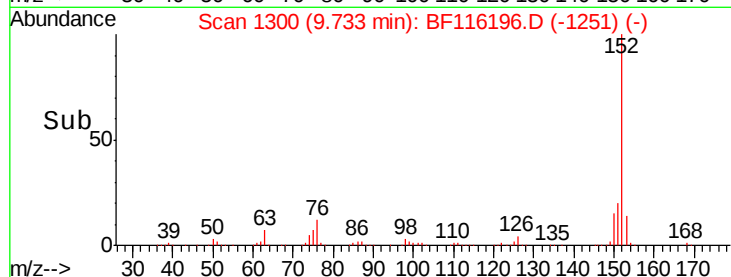
153 14.2 11.8 17.8



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: 40.971 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF116196.D

Acq: 12 Aug 2019 18:35

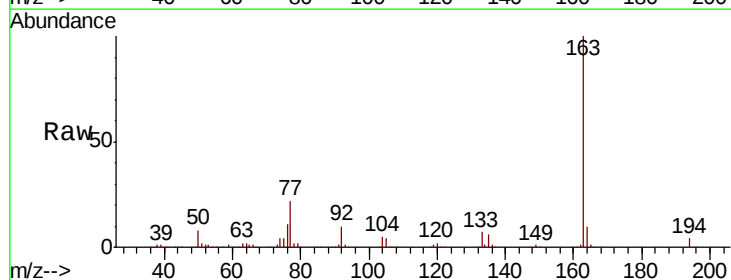
Tgt Ion:163 Resp: 860006

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

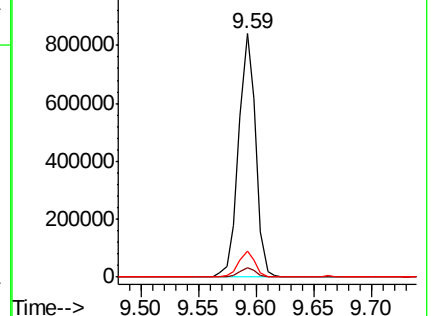
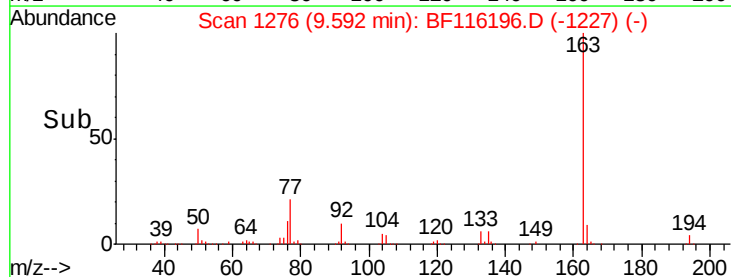
164 10.5 8.4 12.6

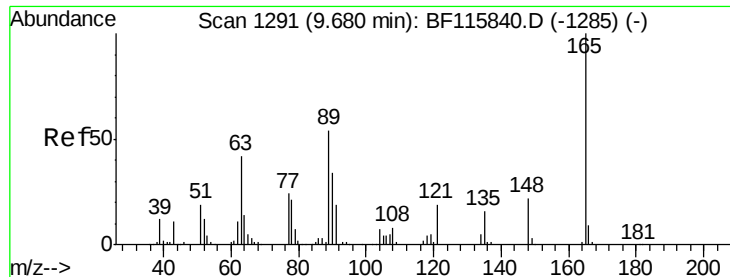


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

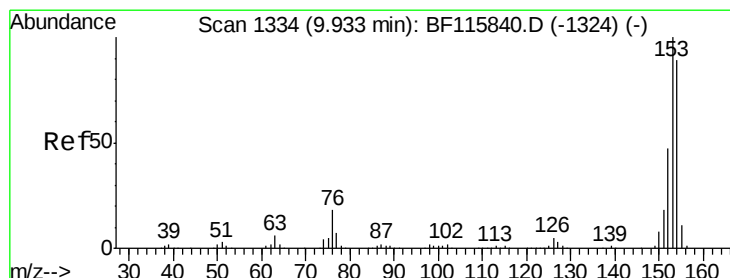
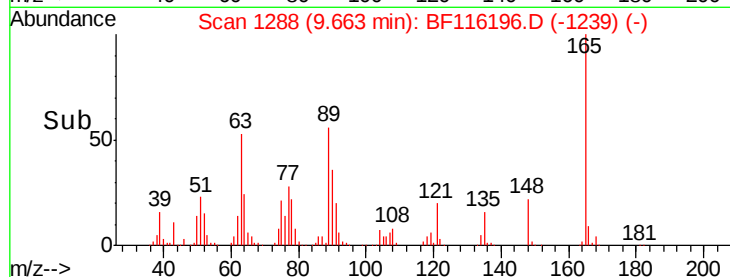
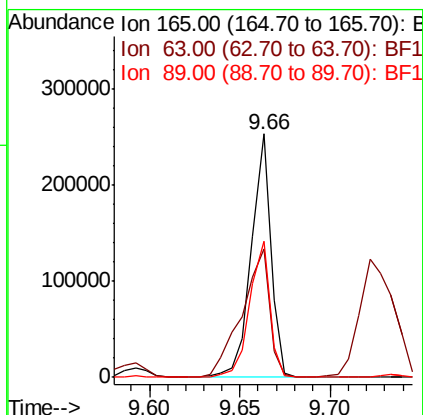
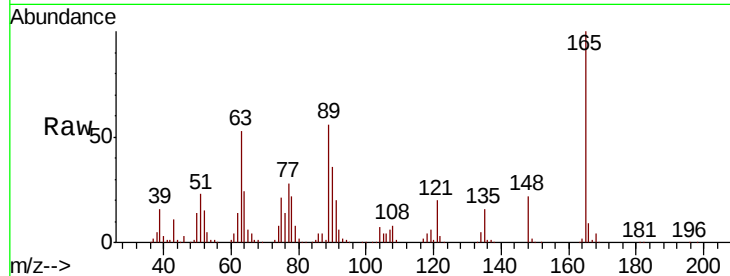




#51
 2,6-Dinitrotoluene
 Concen: 41.917 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: BF116196.D
 Acq: 12 Aug 2019 18:35

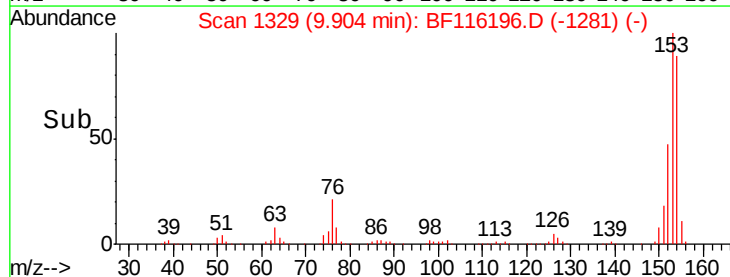
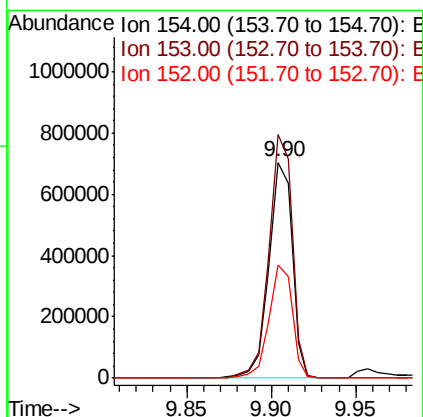
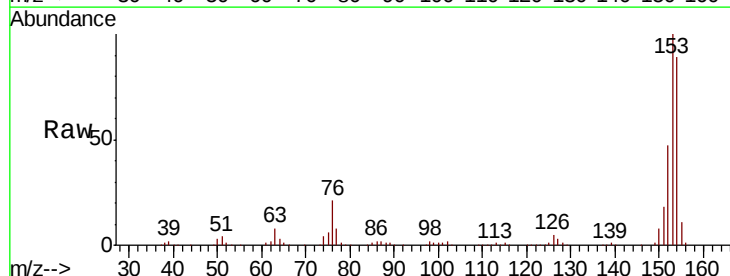
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

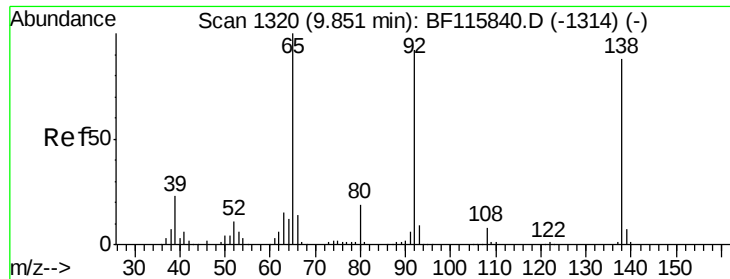
Tot Ion:165 Resp: 191212
 Ion Ratio Lower Upper
 165 100
 63 52.6 38.2 57.2
 89 56.0 42.9 64.3



#52
 Acenaphthene
 Concen: 41.545 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.02 min
 Lab File: BF116196.D
 Acq: 12 Aug 2019 18:35

Tgt Ion:154 Resp: 673569
 Ion Ratio Lower Upper
 154 100
 153 112.8 89.4 134.0
 152 52.6 42.3 63.5

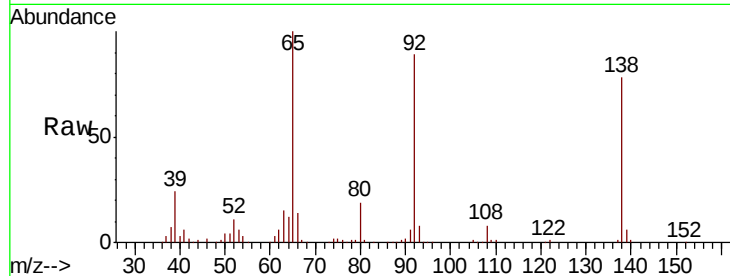




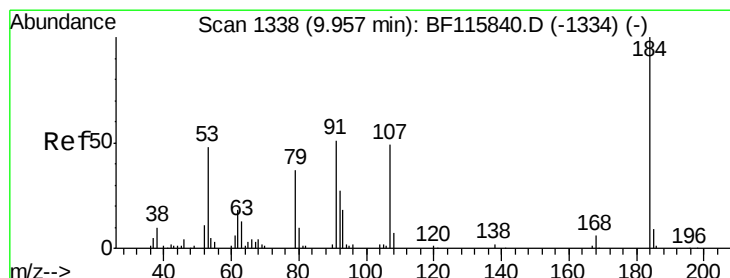
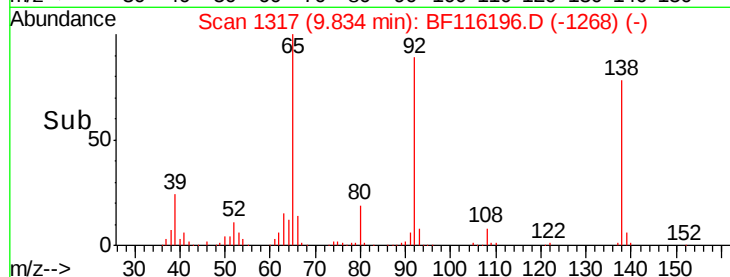
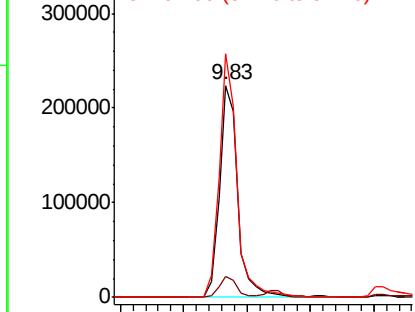
#53
3-Nitroaniline
Concen: 40.108 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF116196.D
Acq: 12 Aug 2019 18:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 226067
Ion Ratio Lower Upper
138 100
108 10.0 8.0 12.0
92 115.0 91.0 136.6

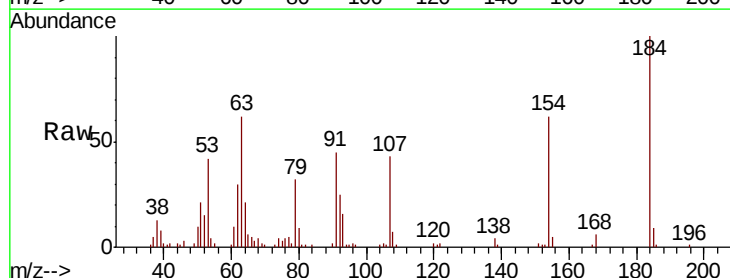


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

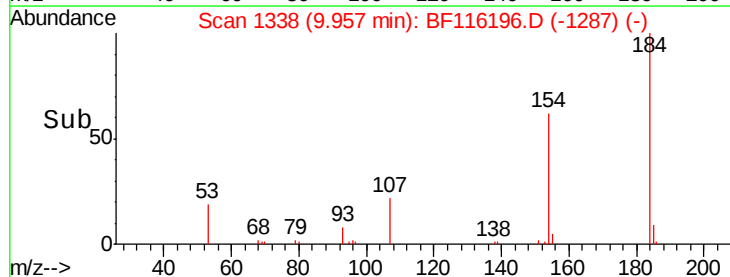
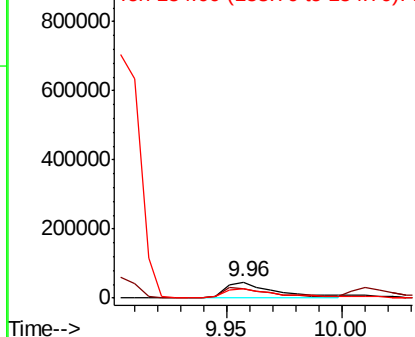


#54
2,4-Dinitrophenol
Concen: 35.132 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF116196.D
Acq: 12 Aug 2019 18:35

Tgt Ion:184 Resp: 70243
Ion Ratio Lower Upper
184 100
63 61.9 53.0 79.4
154 61.9 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

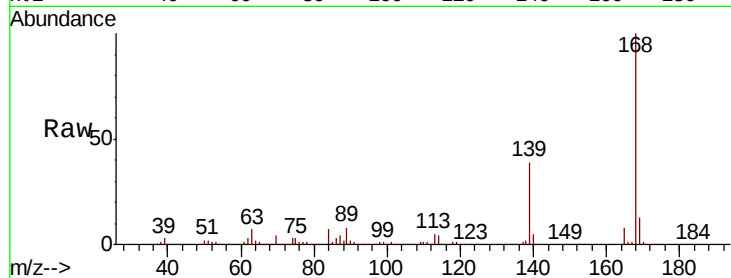




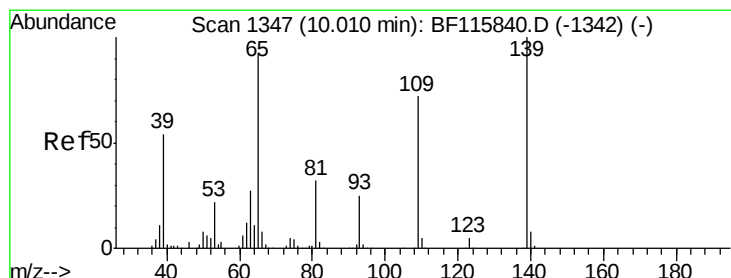
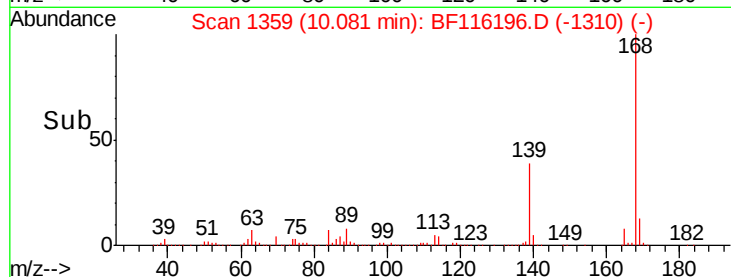
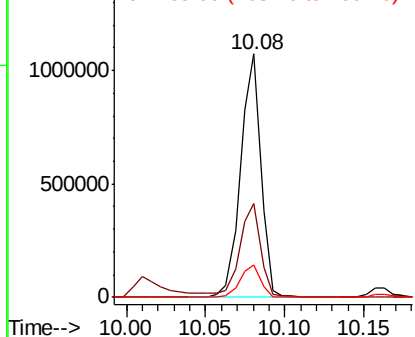
#55
Dibenzofuran
Concen: 40.238 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF116196.D
Acq: 12 Aug 2019 18:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 948736
Ion Ratio Lower Upper
168 100
139 38.6 31.4 47.2
169 13.4 10.9 16.3

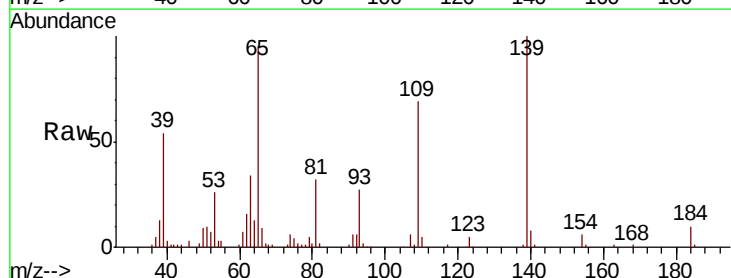


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

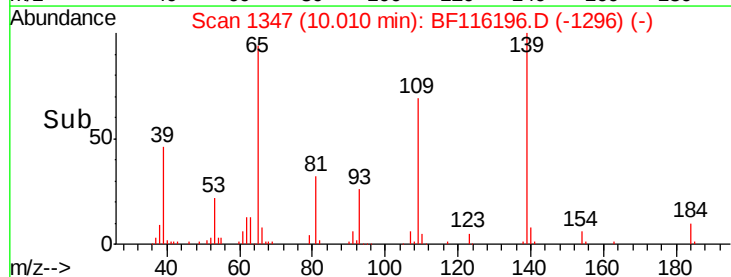
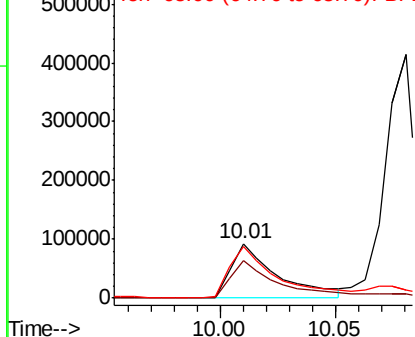


#56
4-Nitrophenol
Concen: 35.432 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF116196.D
Acq: 12 Aug 2019 18:35

Tgt Ion:139 Resp: 127937
Ion Ratio Lower Upper
139 100
109 69.0 54.4 94.4
65 95.0 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

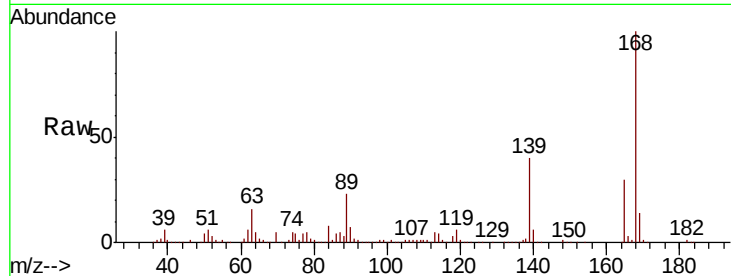




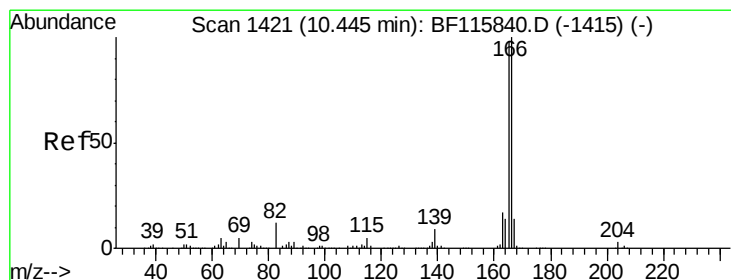
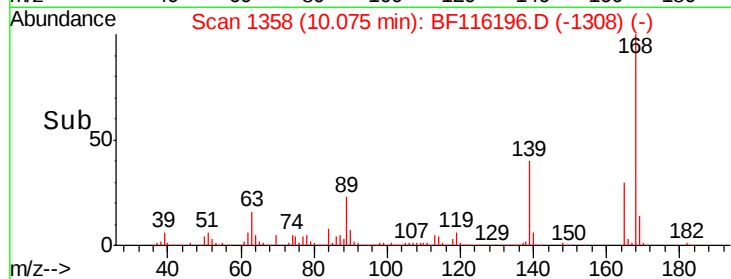
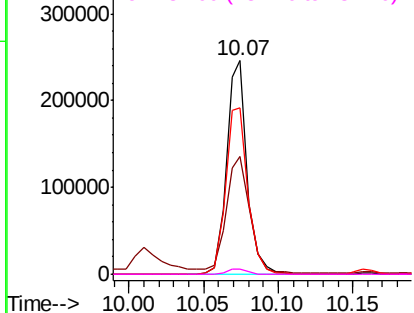
#57
2,4-Dinitrotoluene
Concen: 39.226 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF116196.D
Acq: 12 Aug 2019 18:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.3	39.6	59.4
89	77.7	62.2	93.2
182	2.6	2.1	3.1

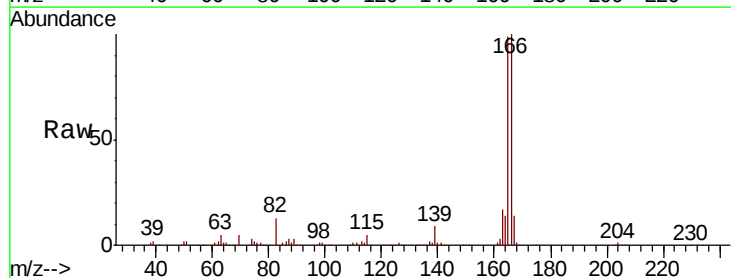


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

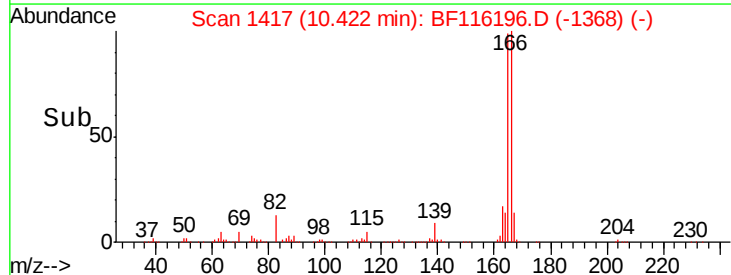
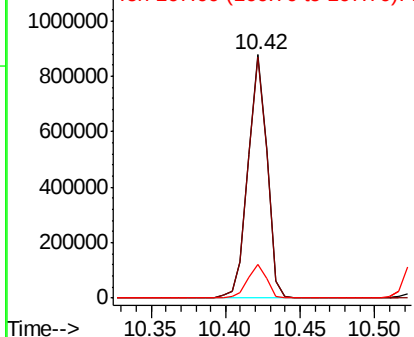


#58
Fluorene
Concen: 42.486 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116196.D
Acq: 12 Aug 2019 18:35

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.4	117.6
167	13.8	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

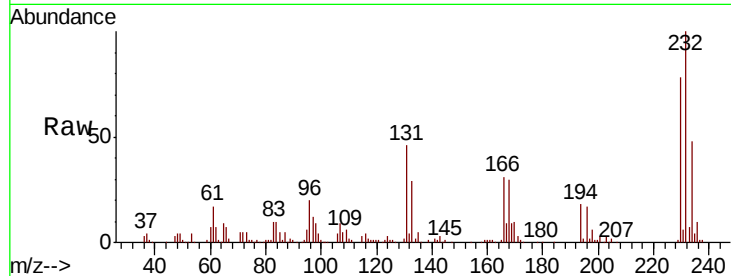




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.543 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF116196.D
Acq: 12 Aug 2019 18:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.5	36.2	54.2
130	2.2	1.9	2.9
166	28.3	23.0	34.4



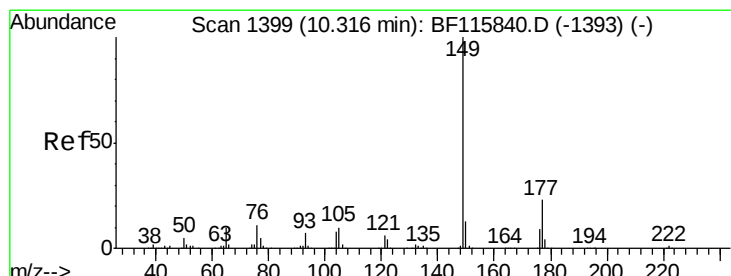
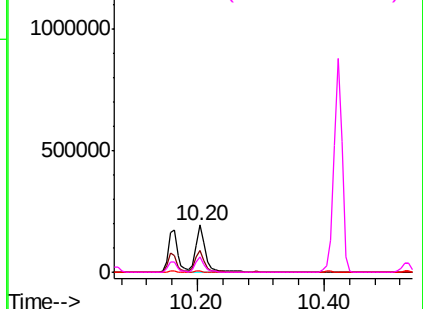
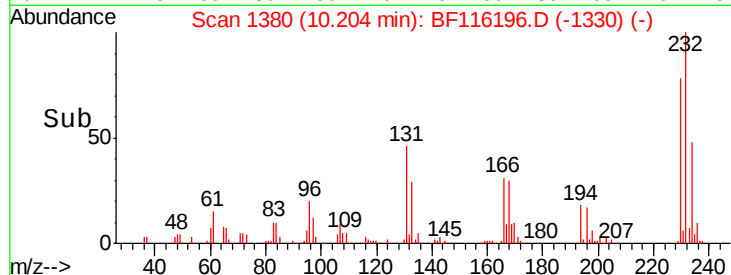
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

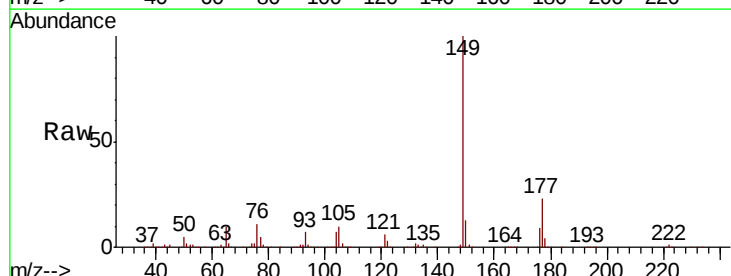
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 41.337 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF116196.D
Acq: 12 Aug 2019 18:35

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.8	28.2
150	12.8	10.2	15.4

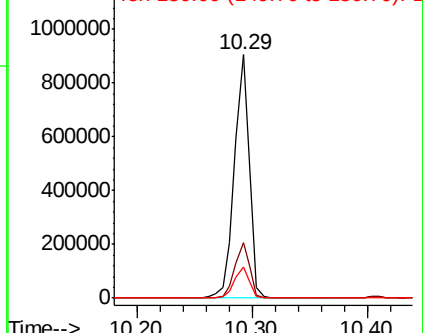
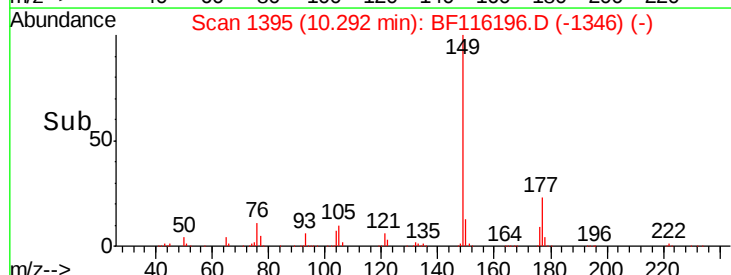


Abundance

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

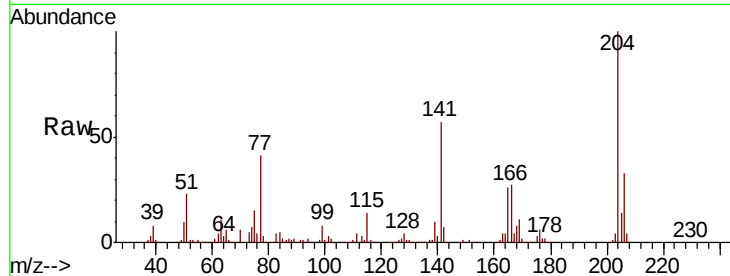




#61
4-Chlorophenyl-phenylether
Concen: 42.114 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF116196.D
Acq: 12 Aug 2019 18:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.4	39.6
141	56.9	46.4	69.6

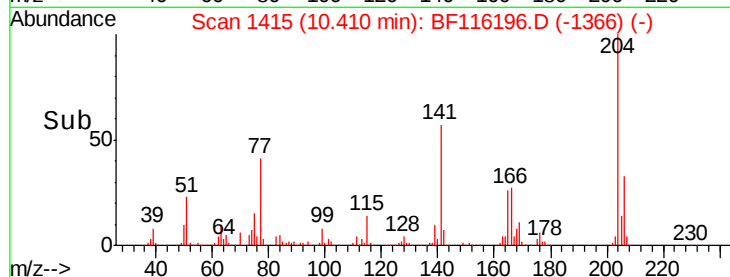
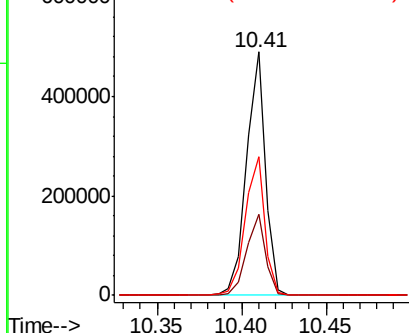


Abundance

Ion 204.00 (203.70 to 204.70): E

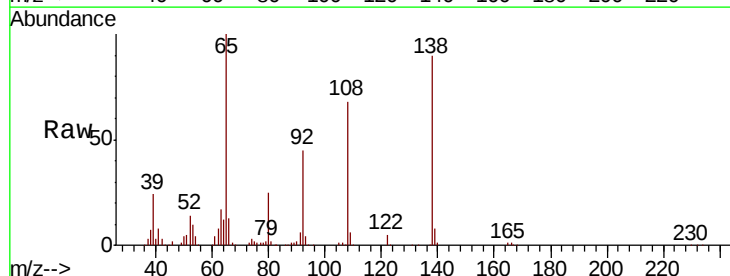
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 39.682 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF116196.D
Acq: 12 Aug 2019 18:35

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.5	29.0	69.0
108	75.7	54.7	94.7

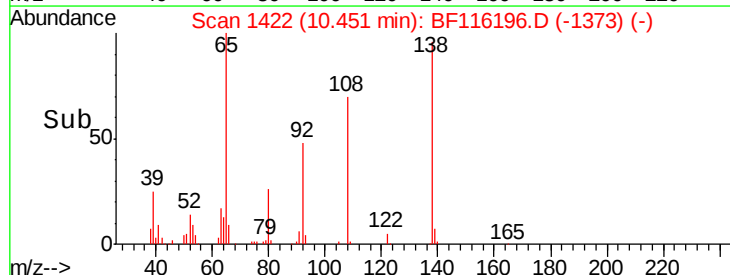
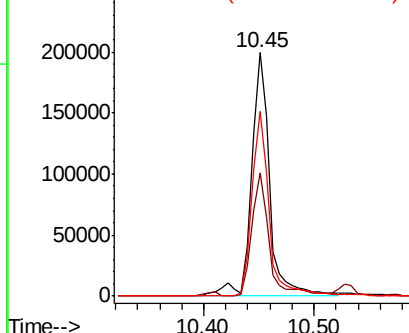


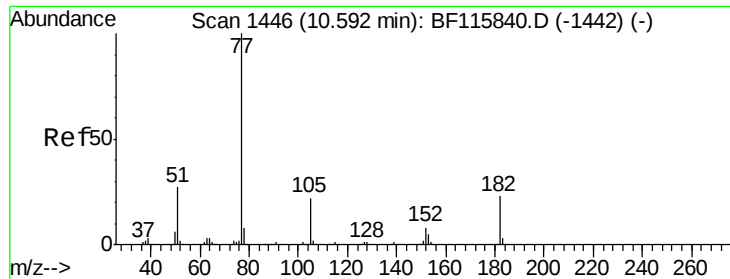
Abundance

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: 41.426 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF116196.D

Acq: 12 Aug 2019 18:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 835031

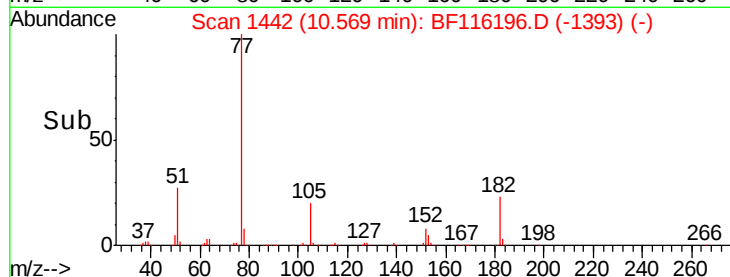
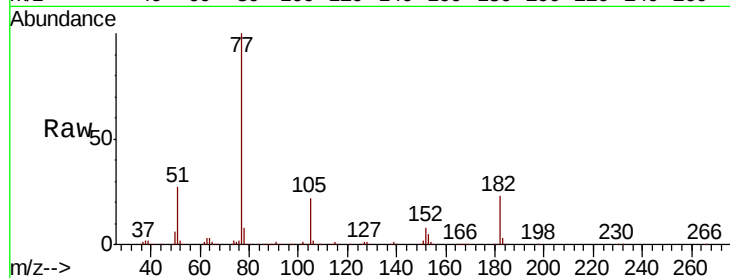
Ion Ratio Lower Upper

77 100

182 22.6 4.0 44.0

105 22.1 2.0 42.0

51 27.1 7.5 47.5

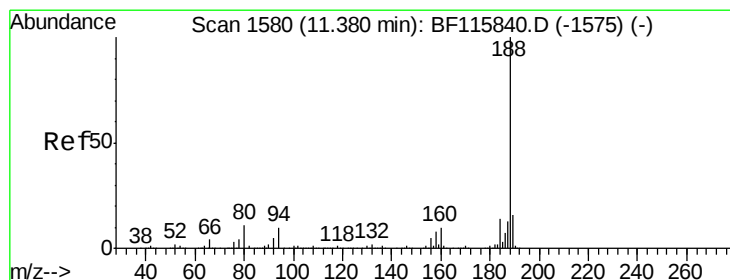
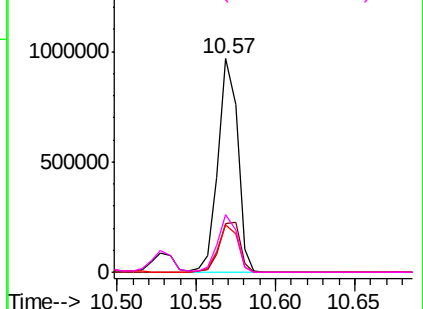


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF116196.D

Acq: 12 Aug 2019 18:35

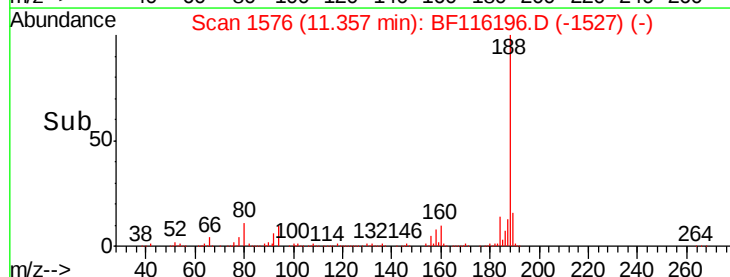
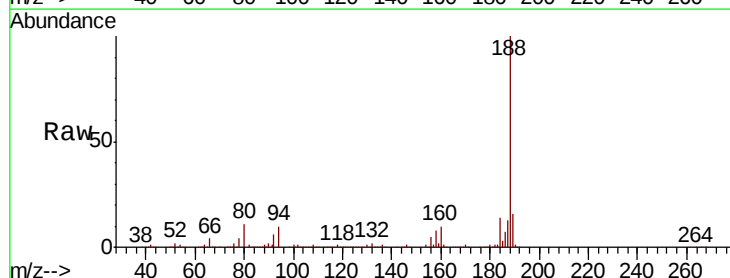
Tgt Ion: 188 Resp: 518456

Ion Ratio Lower Upper

188 100

94 10.5 8.1 12.1

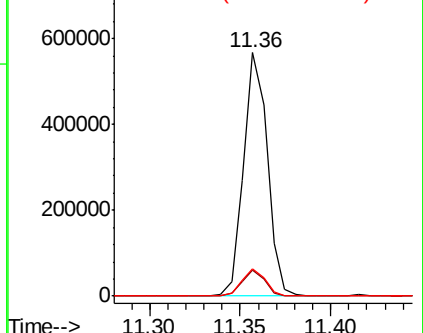
80 11.3 8.7 13.1



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: 43.161 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF116196.D

Acq: 12 Aug 2019 18:35

Instrument :

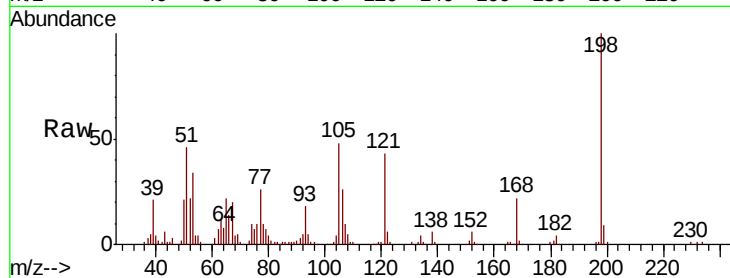
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 118585

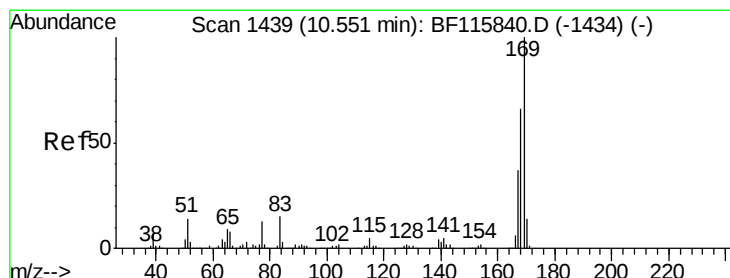
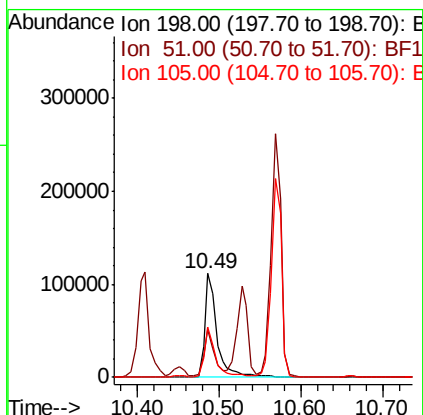
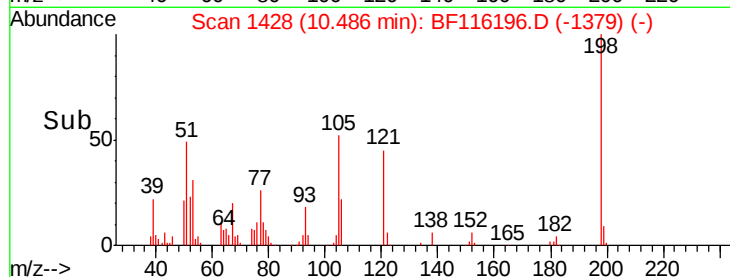
Ion	Ratio	Lower	Upper
198	100		
51	45.7	17.0	57.0
105	48.4	21.6	61.6



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: 43.085 ng

RT: 10.53 min Scan# 1436

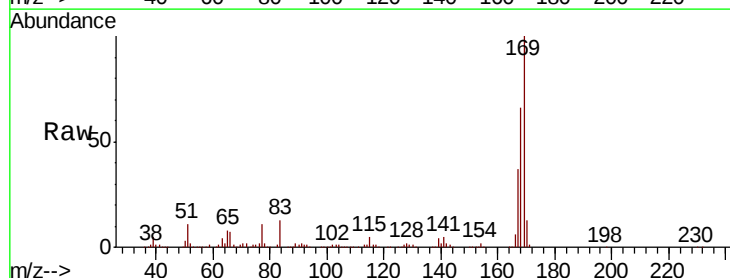
Delta R.T. -0.01 min

Lab File: BF116196.D

Acq: 12 Aug 2019 18:35

Tgt Ion:169 Resp: 672344

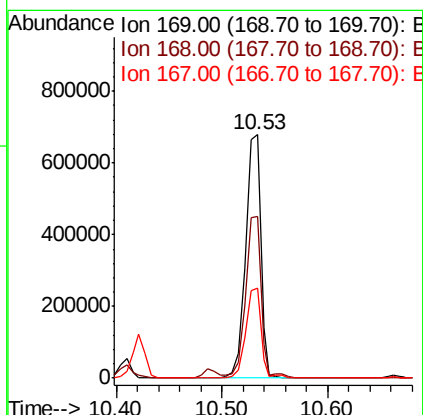
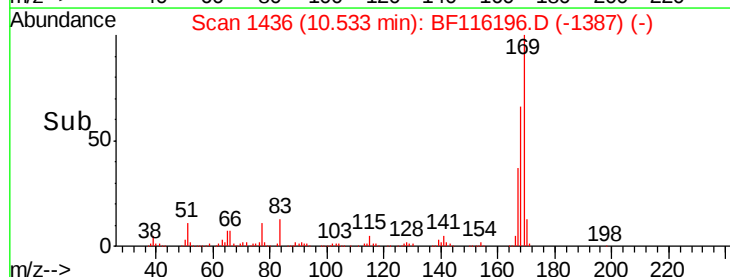
Ion	Ratio	Lower	Upper
169	100		
168	66.4	53.8	80.6
167	36.8	29.6	44.4

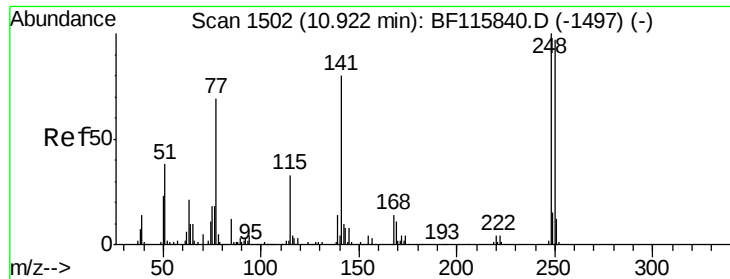


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

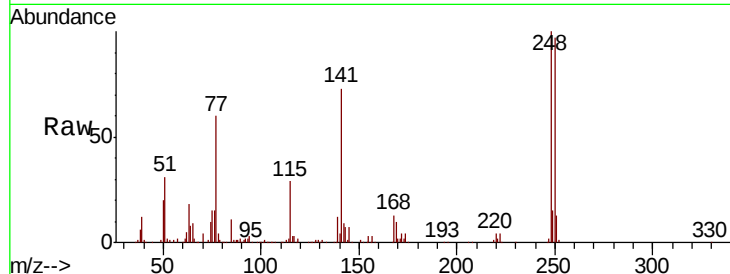




#67
4-Bromophenyl-phenylether
Concen: 43.269 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF116196.D
Acq: 12 Aug 2019 18:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.4	116.2
141	72.6	56.8	85.2

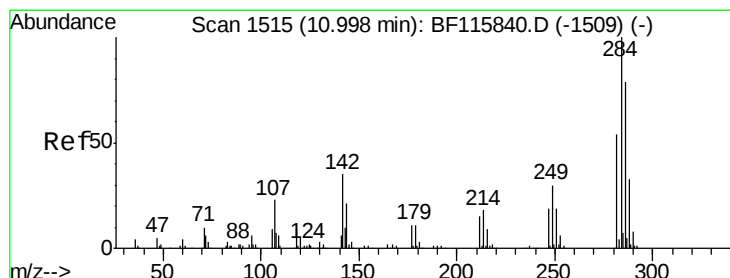
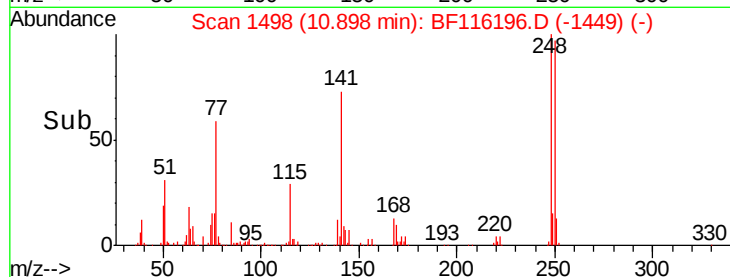
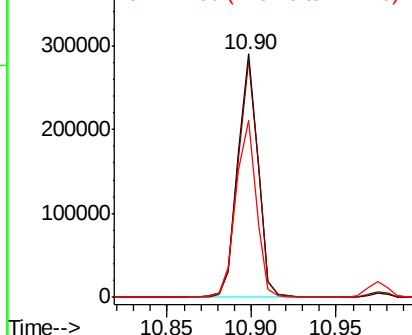


Abundance

Ion 248.00 (247.70 to 248.70): E

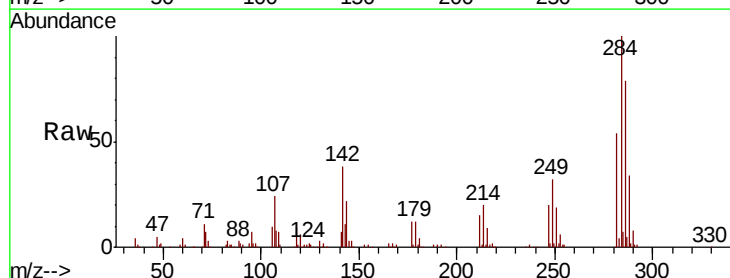
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.018 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF116196.D
Acq: 12 Aug 2019 18:35

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.6	28.4	42.6
249	31.6	24.5	36.7

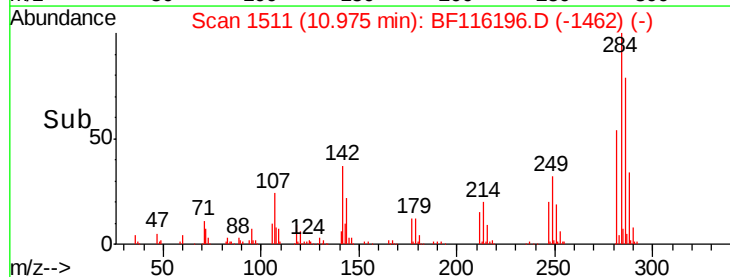
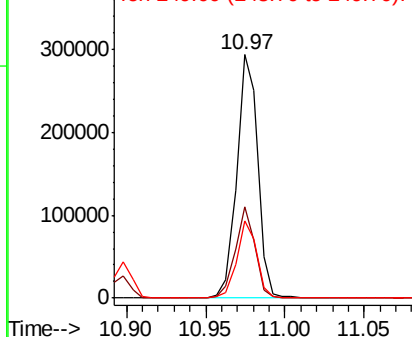


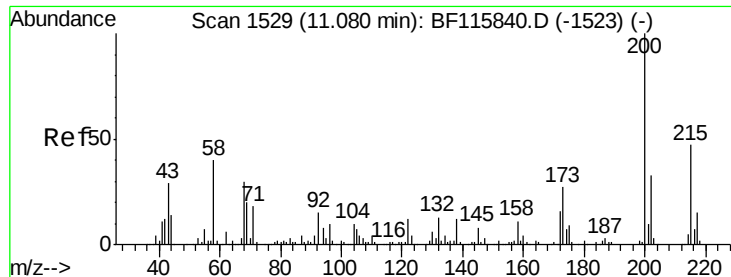
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 36.310 ng

RT: 11.06 min Scan# 1525

Delta R.T. -0.01 min

Lab File: BF116196.D

Acq: 12 Aug 2019 18:35

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

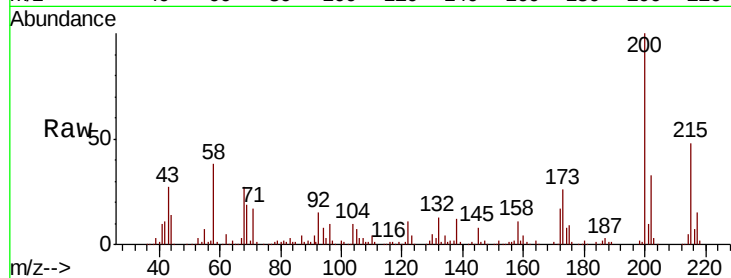
Tot Ion:200 Resp: 186405

Ion Ratio Lower Upper

200 100

173 26.5 6.8 46.8

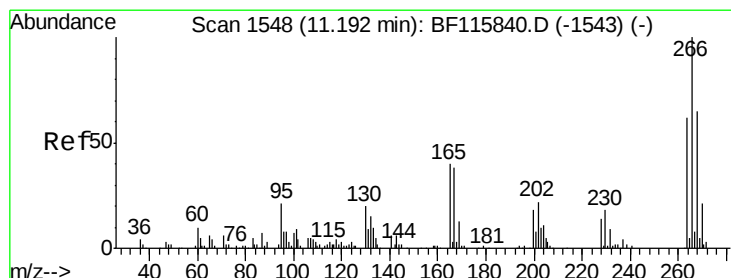
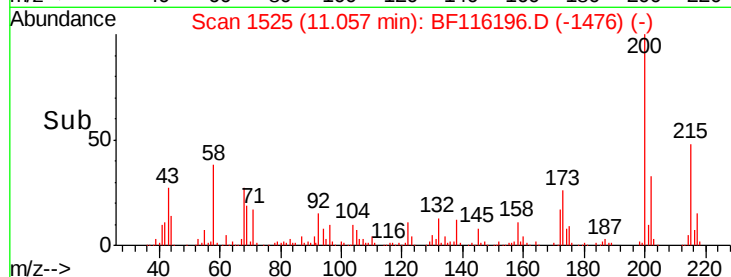
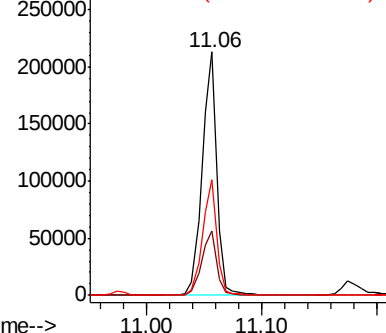
215 47.5 27.5 67.5



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: 33.451 ng

RT: 11.17 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BF116196.D

Acq: 12 Aug 2019 18:35

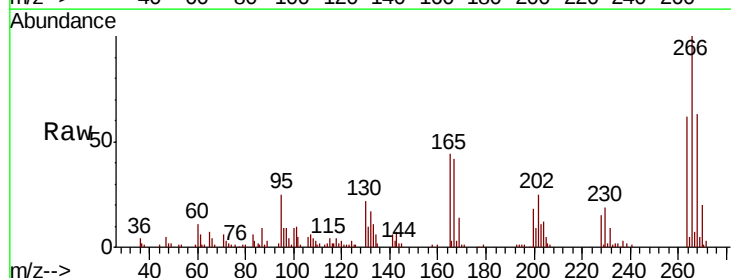
Tgt Ion:266 Resp: 104227

Ion Ratio Lower Upper

266 100

268 62.6 48.8 73.2

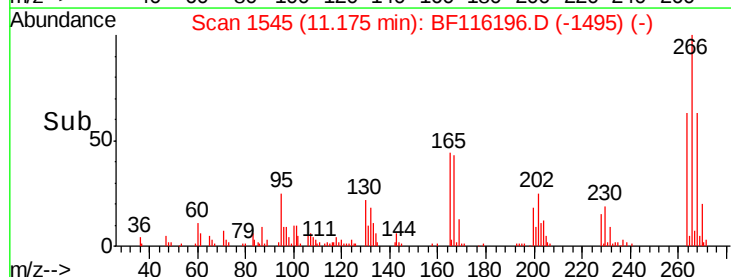
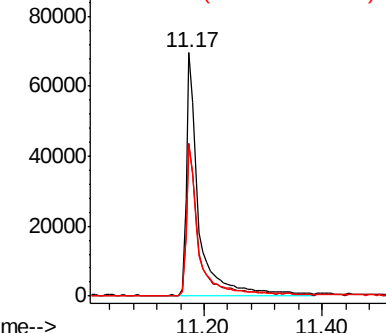
264 62.3 50.6 76.0

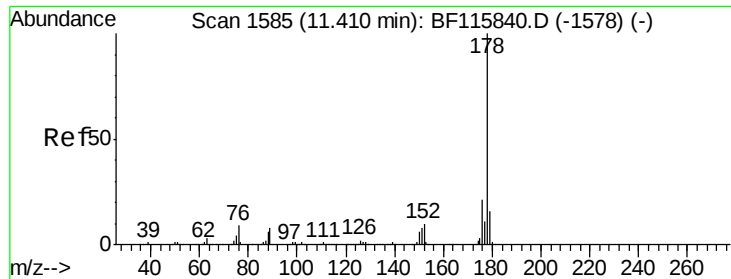


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.331 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF116196.D

Acq: 12 Aug 2019 18:35

Instrument :

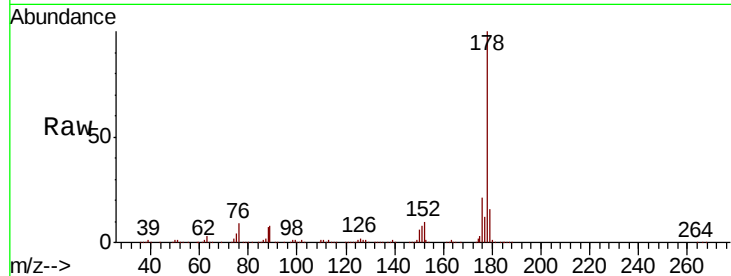
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1121957

Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.6	24.8
179	15.6	12.5	18.7

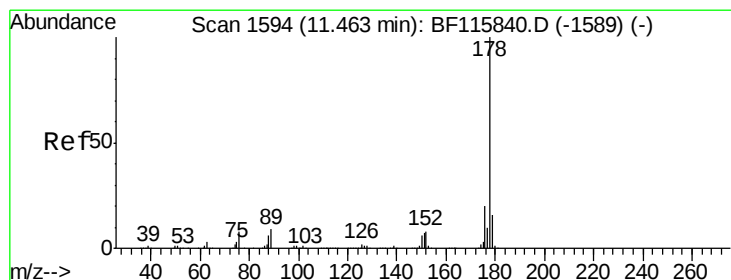
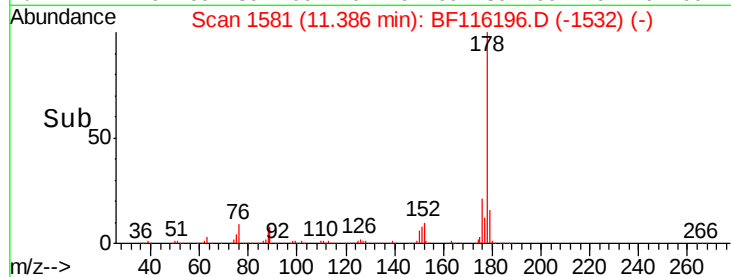
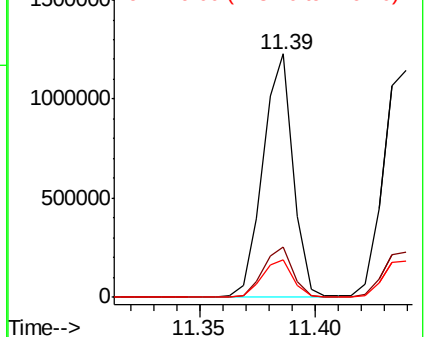


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.574 ng

RT: 11.44 min Scan# 1590

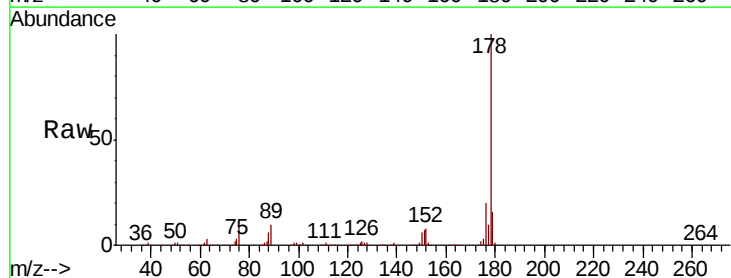
Delta R.T. -0.01 min

Lab File: BF116196.D

Acq: 12 Aug 2019 18:35

Tgt Ion:178 Resp: 1141986

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.7	23.5
179	15.9	13.0	19.6

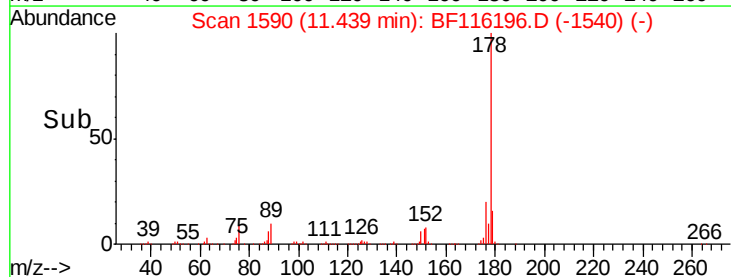
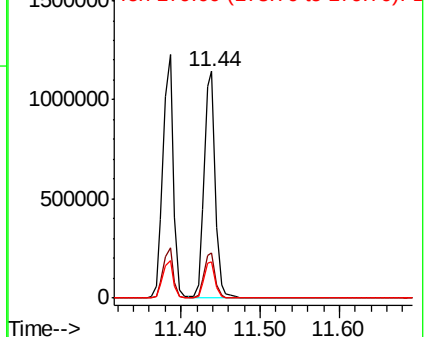


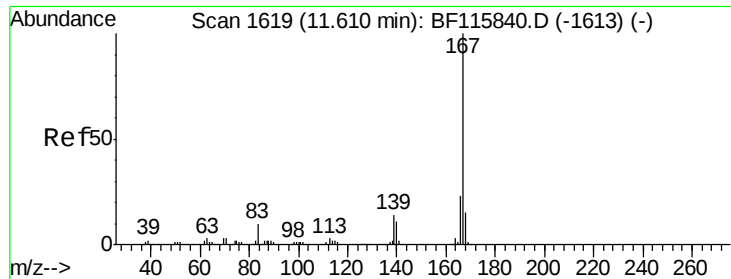
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

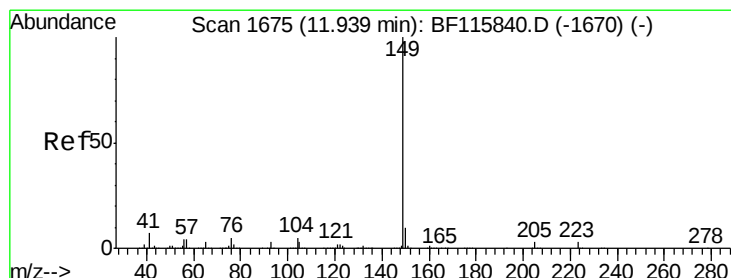
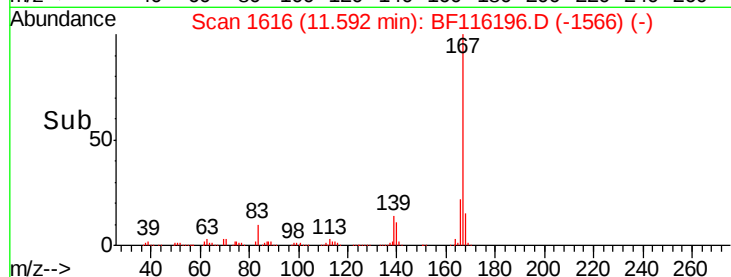
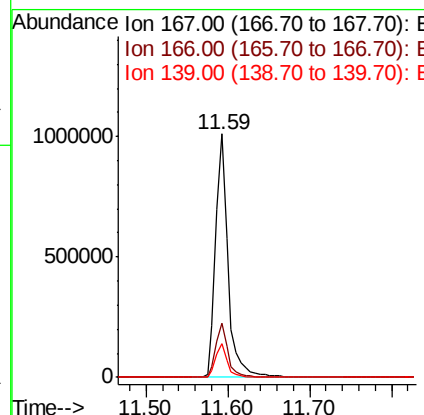
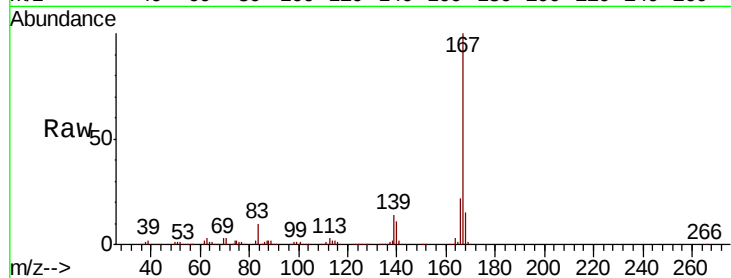




#73
 Carbazole
 Concen: 43.683 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF116196.D
 Acq: 12 Aug 2019 18:35

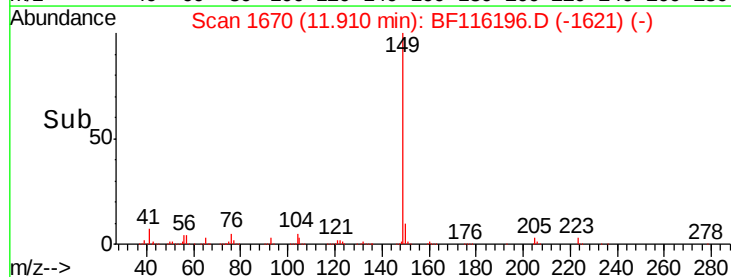
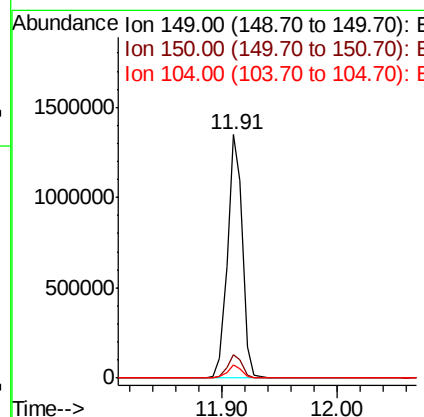
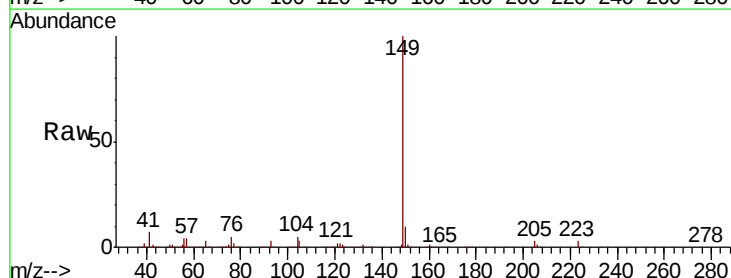
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

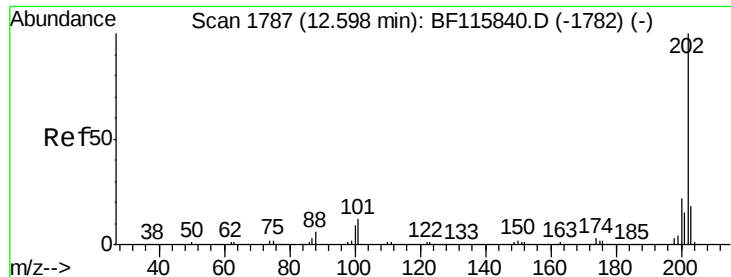
Tot Ion:167 Resp: 1063071
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.6
 139 13.9 11.4 17.0



#74
 Di-n-butylphthalate
 Concen: 42.294 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF116196.D
 Acq: 12 Aug 2019 18:35

Tgt Ion:149 Resp: 1200682
 Ion Ratio Lower Upper
 149 100
 150 9.8 8.0 12.0
 104 5.5 4.5 6.7





#75

Fluoranthene

Concen: 41.877 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF116196.D

Acq: 12 Aug 2019 18:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

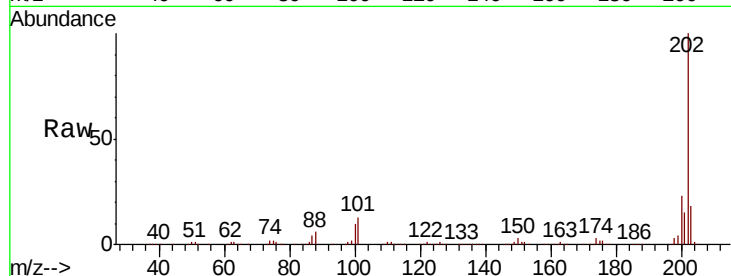
Tot Ion:202 Resp: 1161997

Ion Ratio Lower Upper

202 100

101 12.8 0.0 31.2

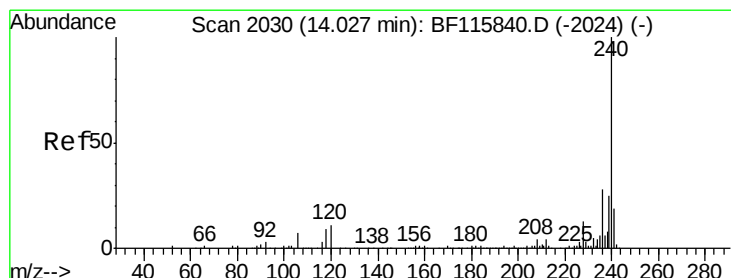
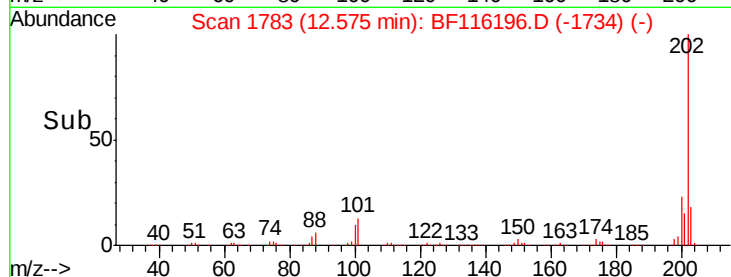
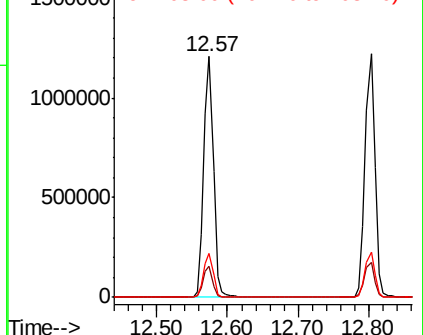
203 18.3 0.0 37.8



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: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF116196.D

Acq: 12 Aug 2019 18:35

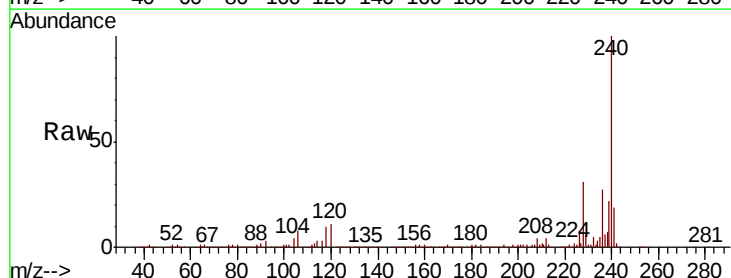
Tgt Ion:240 Resp: 377652

Ion Ratio Lower Upper

240 100

120 11.3 10.7 16.1

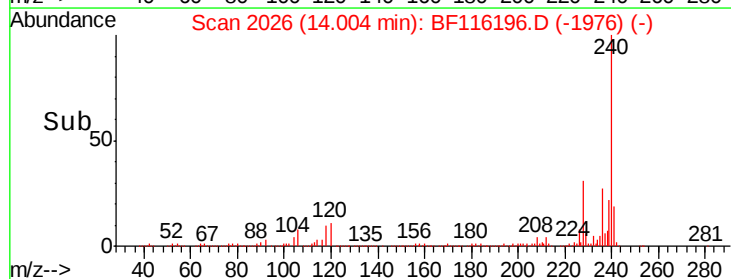
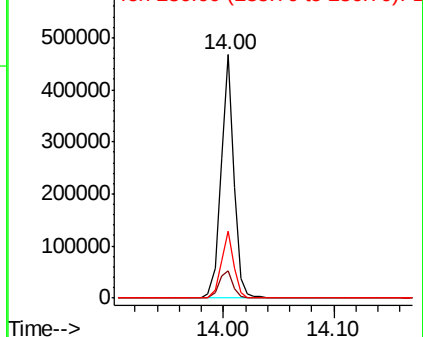
236 27.5 22.2 33.2

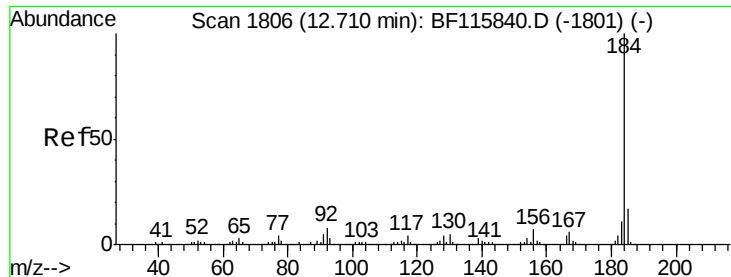


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.938 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF116196.D

Acq: 12 Aug 2019 18:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

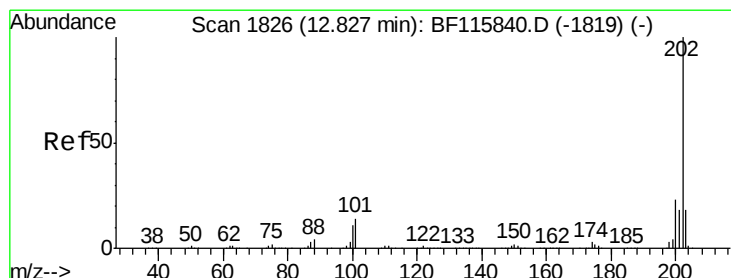
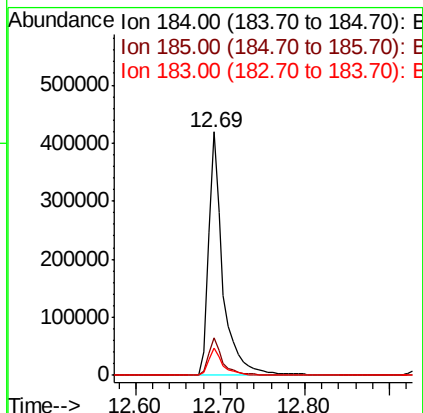
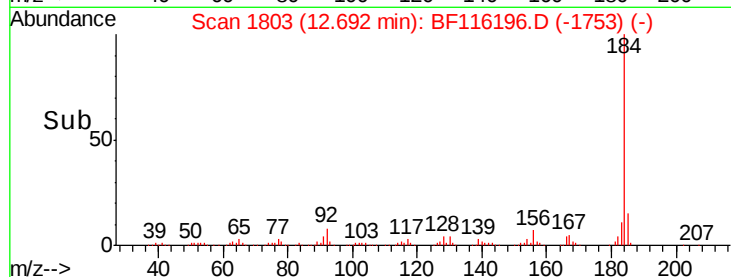
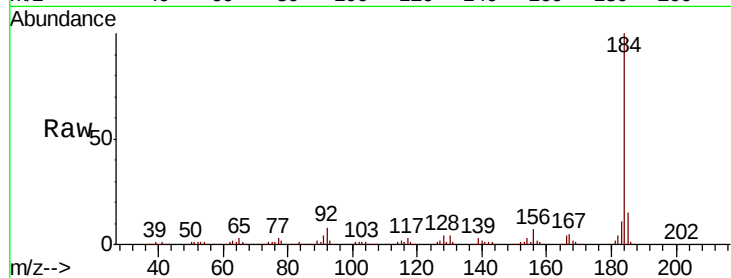
Tot Ion:184 Resp: 496798

Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.8	19.2
183	11.0	9.4	14.0

184 100

185 15.4 12.8 19.2

183 11.0 9.4 14.0



#78

Pyrene

Concen: 42.175 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF116196.D

Acq: 12 Aug 2019 18:35

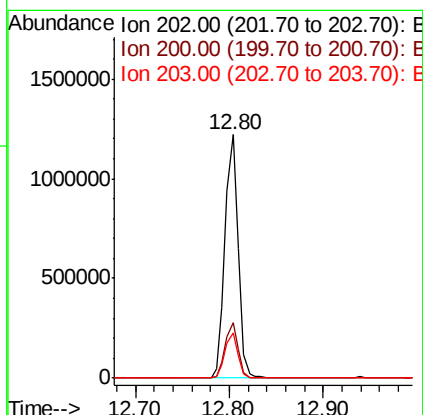
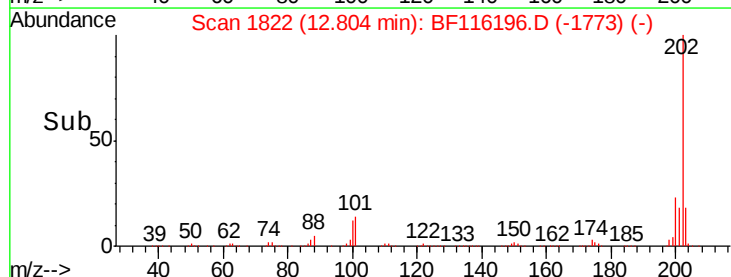
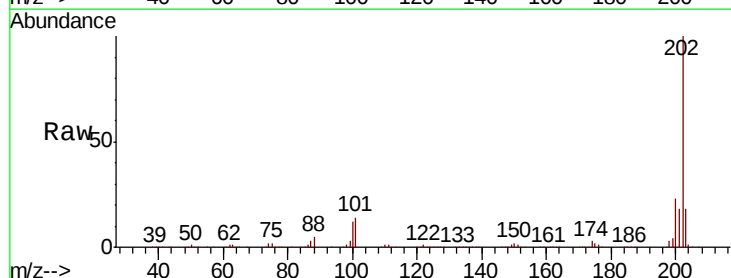
Tgt Ion:202 Resp: 1200629

Ion	Ratio	Lower	Upper
202	100		
200	23.0	18.0	27.0
203	18.5	14.1	21.1

202 100

200 23.0 18.0 27.0

203 18.5 14.1 21.1





#79

Terphenyl-d14

Concen: 82.815 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116196.D

Acq: 12 Aug 2019 18:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

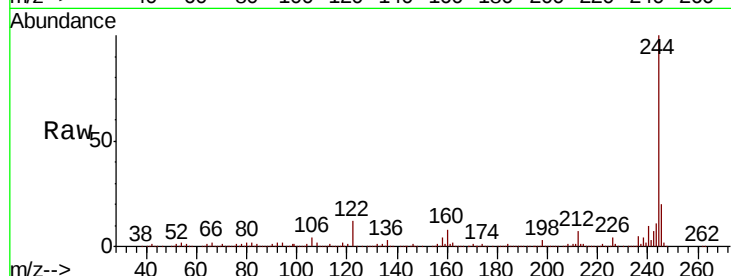
Tot Ion:244 Resp: 1484239

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

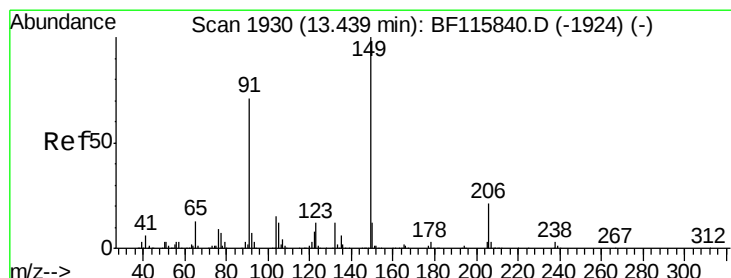
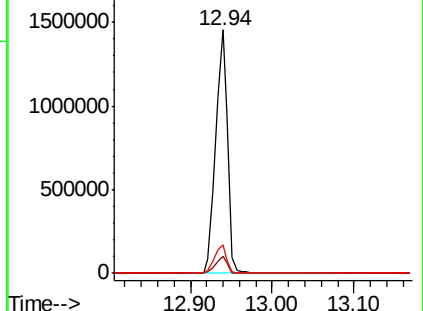
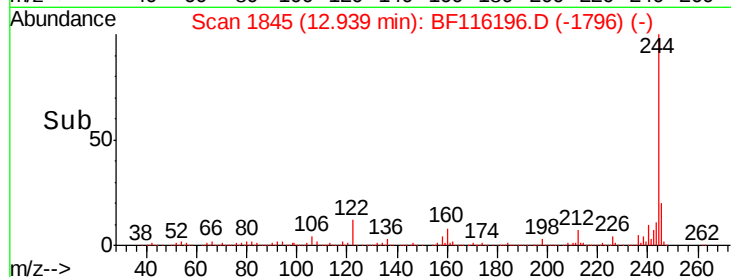
122 11.7 9.0 13.4



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: 42.897 ng

RT: 13.41 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BF116196.D

Acq: 12 Aug 2019 18:35

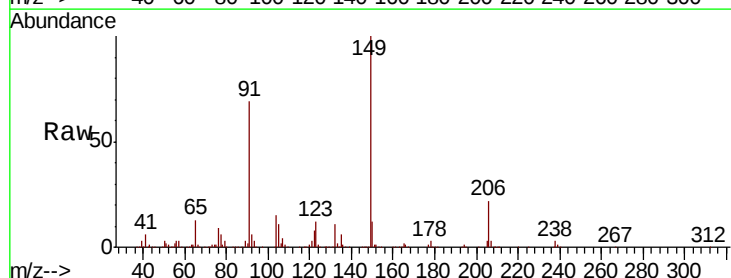
Tgt Ion:149 Resp: 516564

Ion Ratio Lower Upper

149 100

91 68.9 56.3 84.5

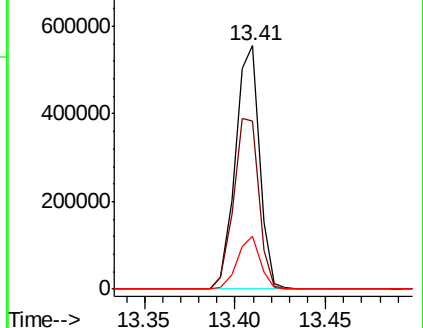
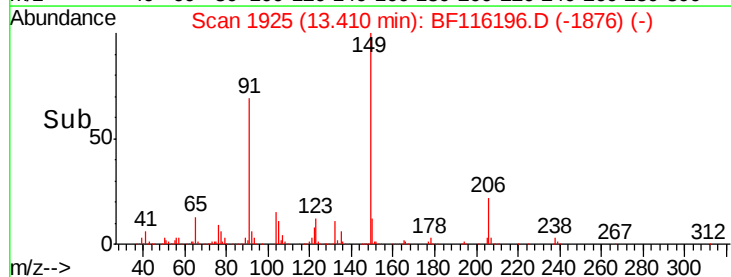
206 21.8 18.0 27.0

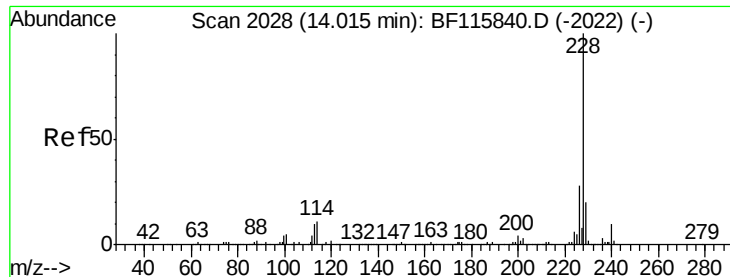


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.273 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF116196.D

Acq: 12 Aug 2019 18:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

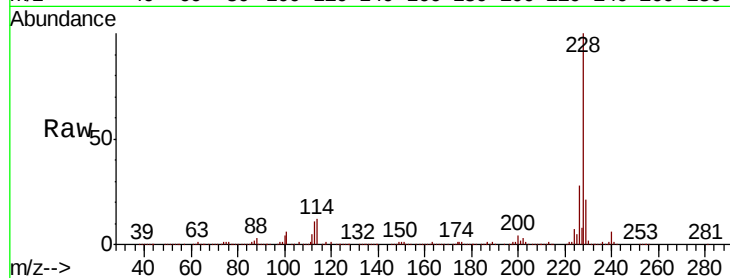
Tot Ion:228 Resp: 1020393

Ion Ratio Lower Upper

228 100

226 28.3 22.7 34.1

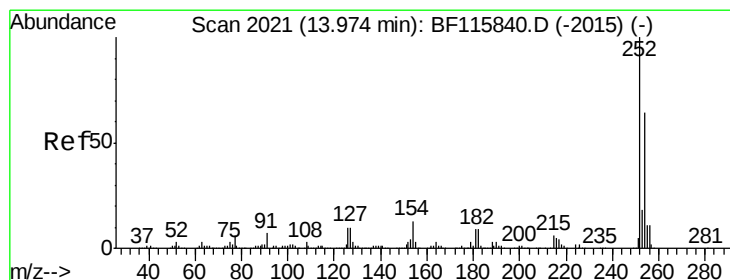
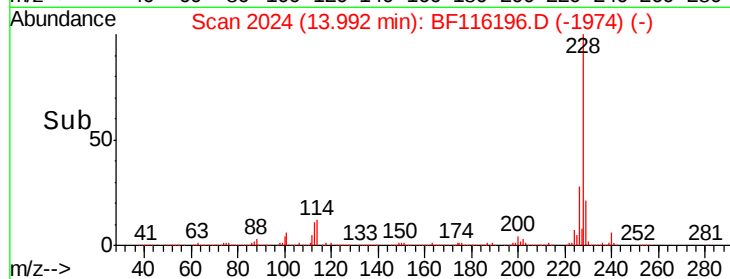
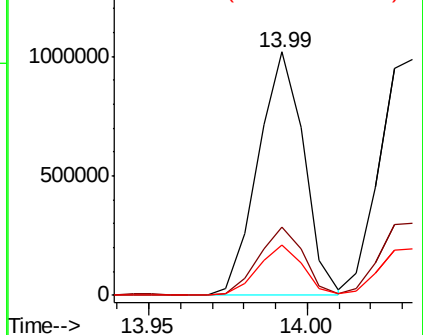
229 20.6 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.716 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF116196.D

Acq: 12 Aug 2019 18:35

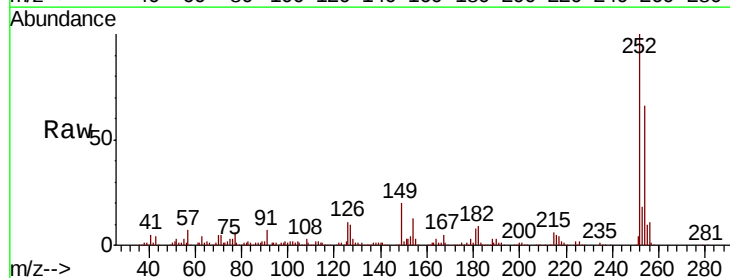
Tgt Ion:252 Resp: 358222

Ion Ratio Lower Upper

252 100

254 66.0 50.9 76.3

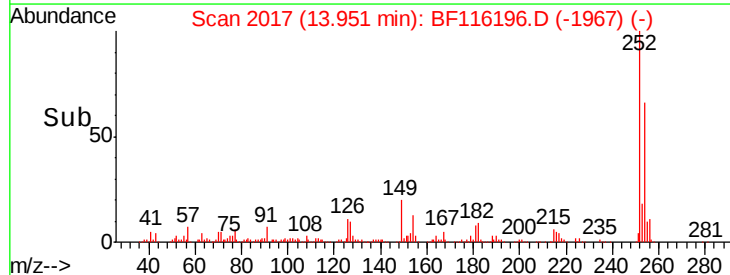
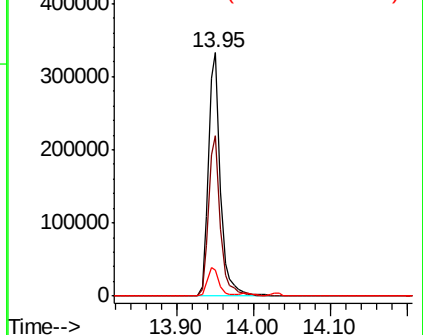
126 10.7 9.8 14.8

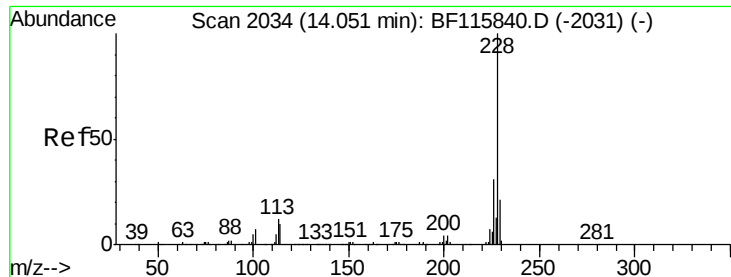


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

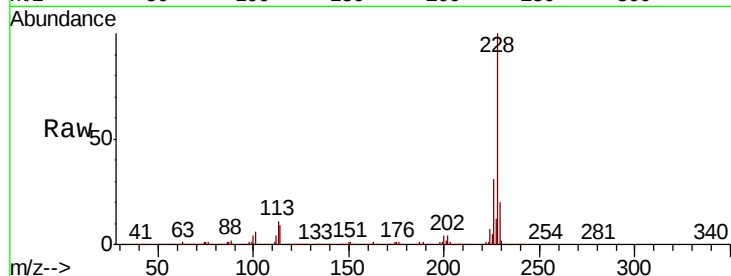




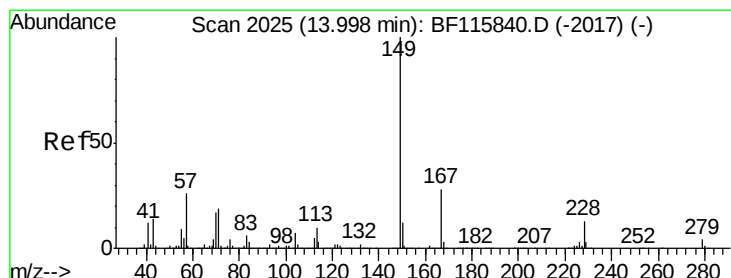
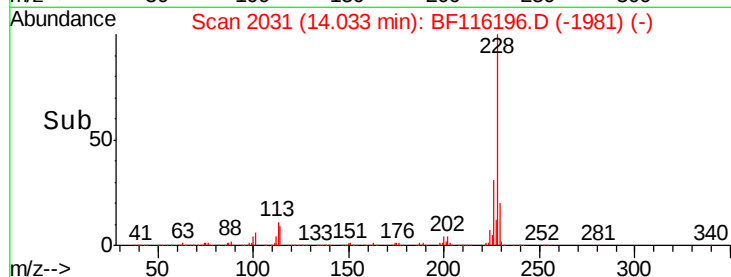
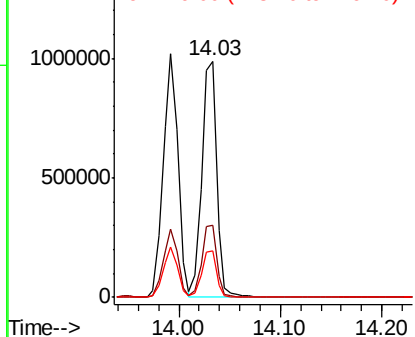
#83
 Chrvsene
 Concen: 43.027 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF116196.D
 Acq: 12 Aug 2019 18:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:228 Resp: 1008313
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.5 38.3
 229 19.8 16.6 24.8

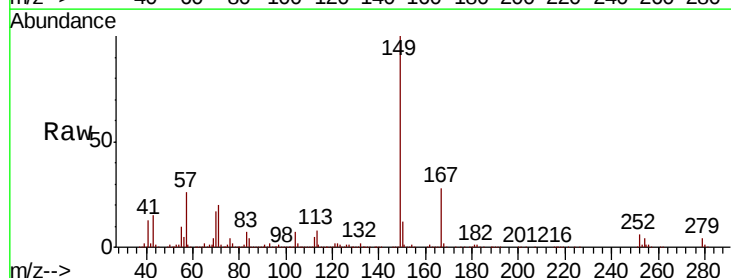


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

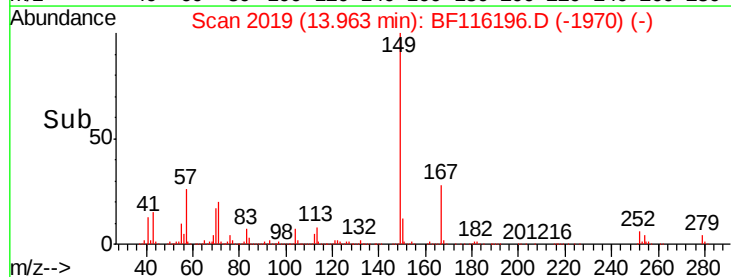
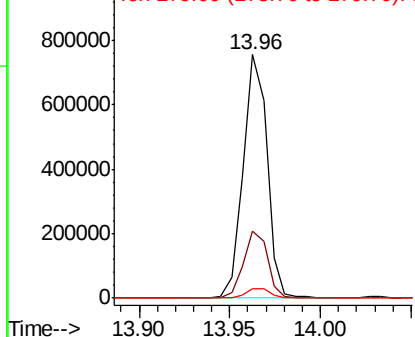


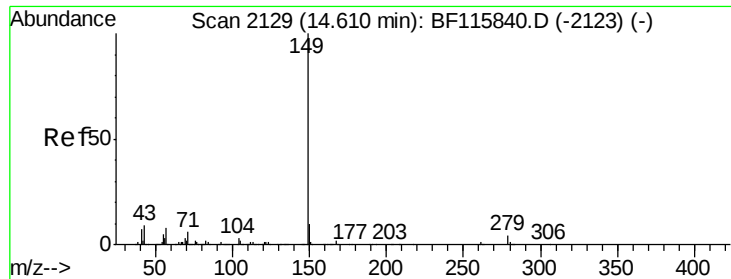
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.349 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF116196.D
 Acq: 12 Aug 2019 18:35

Tgt Ion:149 Resp: 693999
 Ion Ratio Lower Upper
 149 100
 167 27.7 21.6 32.4
 279 3.9 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

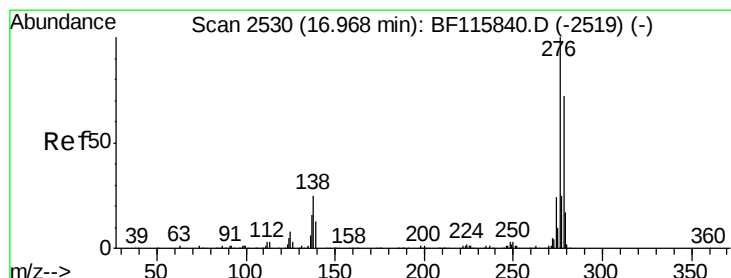
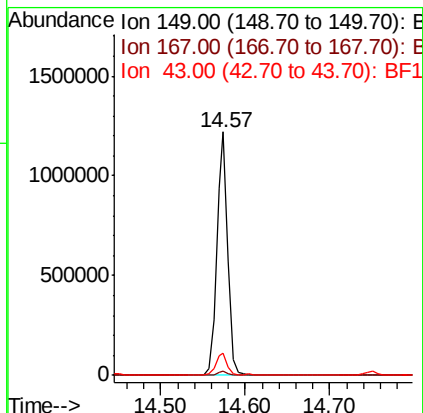
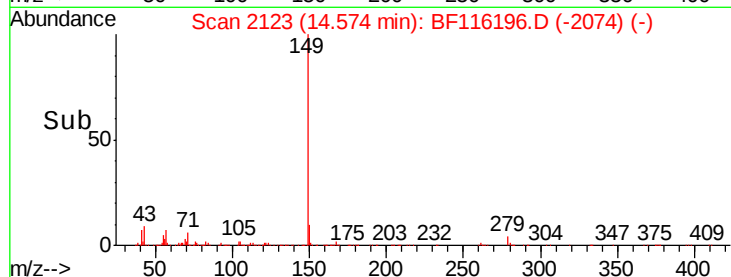
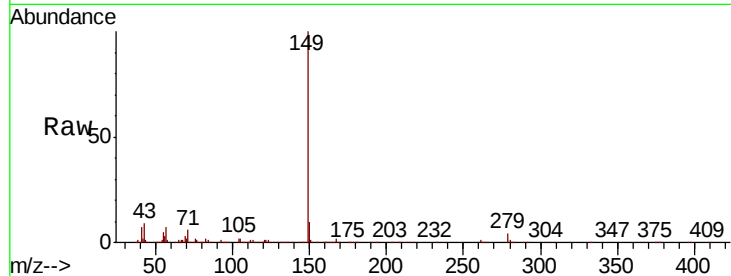




#85
Di-n-octyl phthalate
Concen: 44.924 ng
RT: 14.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BF116196.D
Acq: 12 Aug 2019 18:35

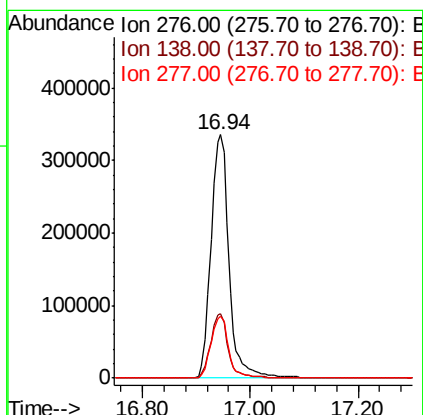
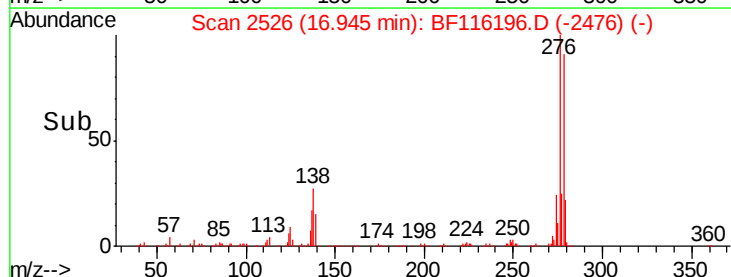
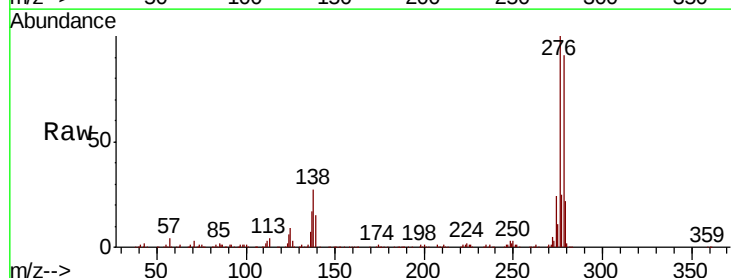
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

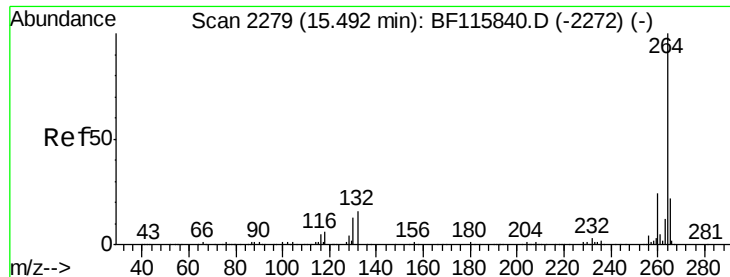
Tot Ion:149 Resp: 1116623
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 9.2 7.5 11.3



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.676 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF116196.D
Acq: 12 Aug 2019 18:35

Tgt Ion:276 Resp: 780911
Ion Ratio Lower Upper
276 100
138 25.7 20.4 30.6
277 25.1 20.0 30.0



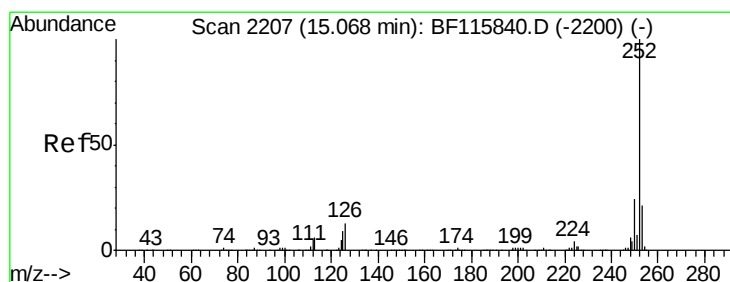
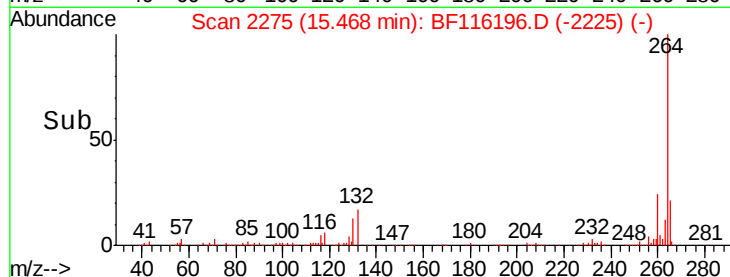
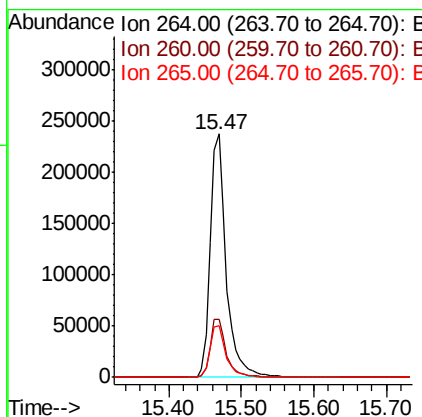
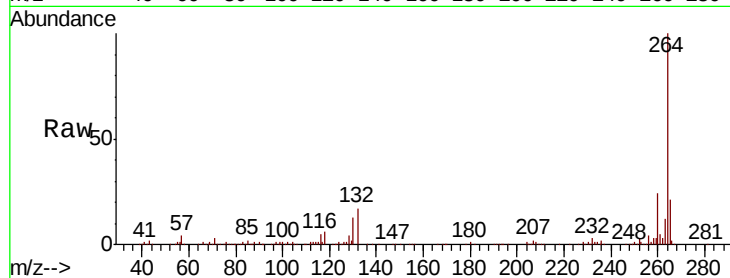


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF116196.D
Acq: 12 Aug 2019 18:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 364123

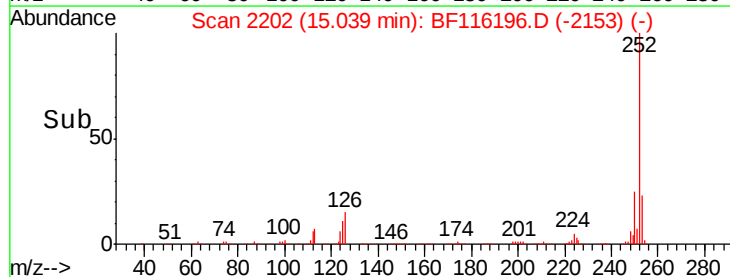
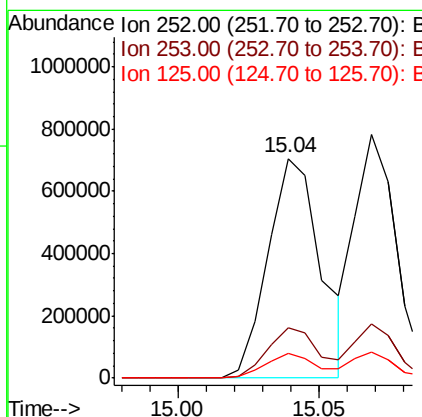
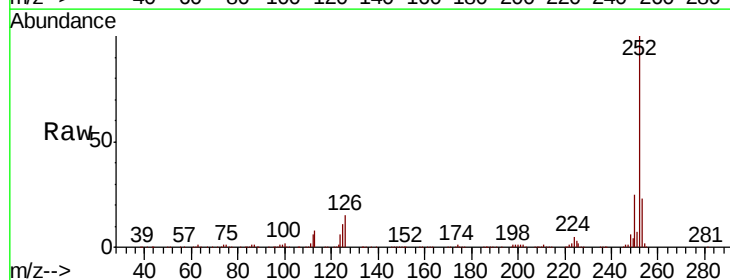
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.7	29.5
265	21.1	17.4	26.0



#88
Benzo(b)fluoranthene
Concen: 43.753 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF116196.D
Acq: 12 Aug 2019 18:35

Tgt Ion:252 Resp: 921167

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	11.2	8.4	12.6

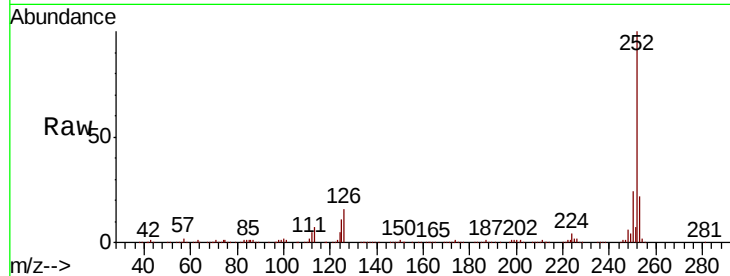




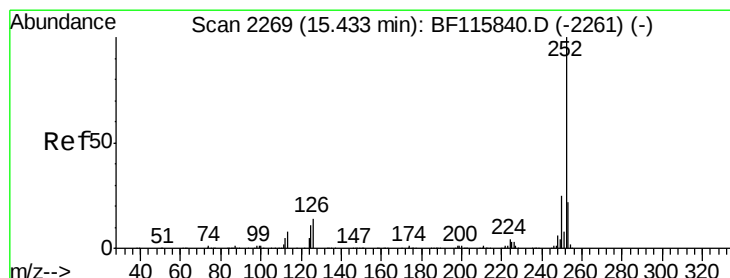
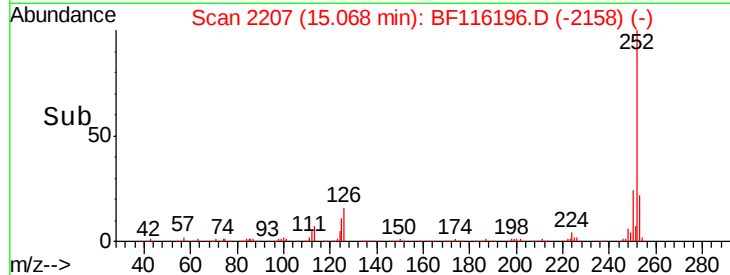
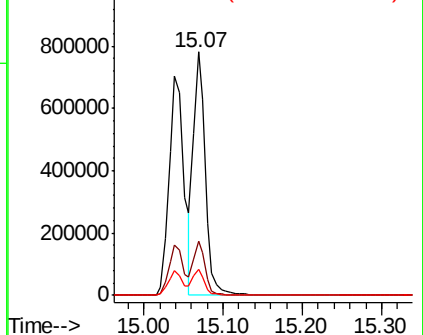
#89
Benzo(k)fluoranthene
Concen: 40.278 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116196.D
Acq: 12 Aug 2019 18:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 825968
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 10.8 7.7 11.5

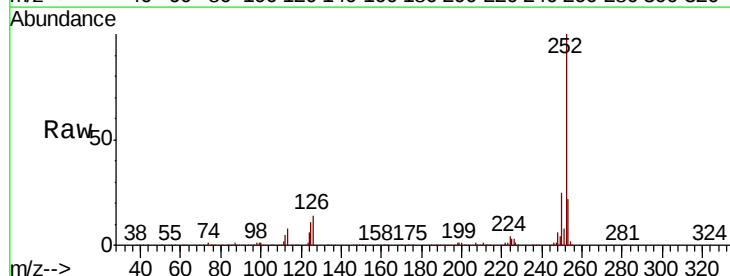


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

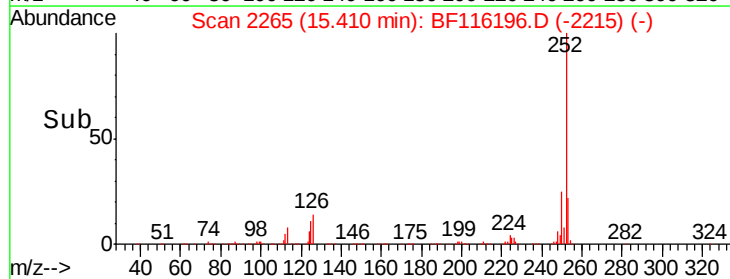
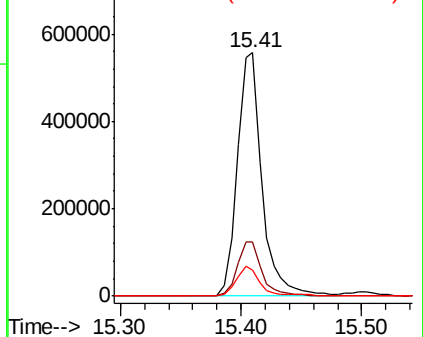


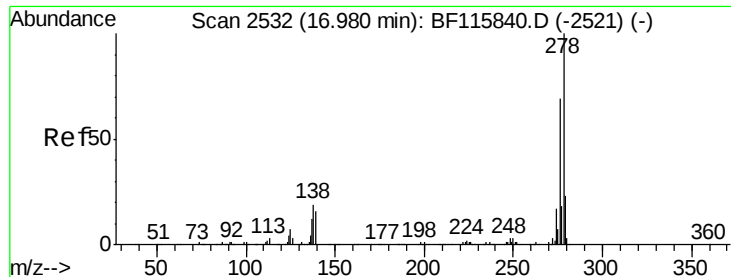
#90
Benzo(a)pyrene
Concen: 42.049 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF116196.D
Acq: 12 Aug 2019 18:35

Tgt Ion:252 Resp: 791394
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 10.9 8.9 13.3



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





#91

Dibenzo(a,h)anthracene

Concen: 40.040 ng

RT: 16.94 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BF116196.D

Acq: 12 Aug 2019 18:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

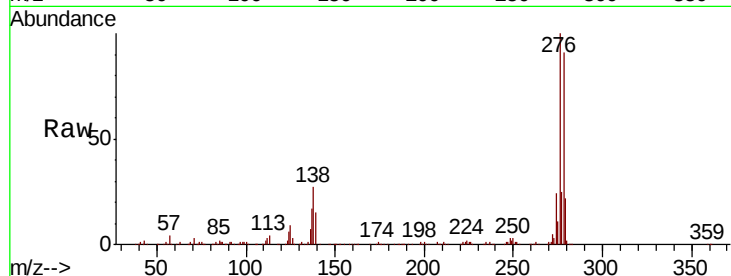
Tot Ion:278 Resp: 652303

Ion Ratio Lower Upper

278 100

139 17.1 12.8 19.2

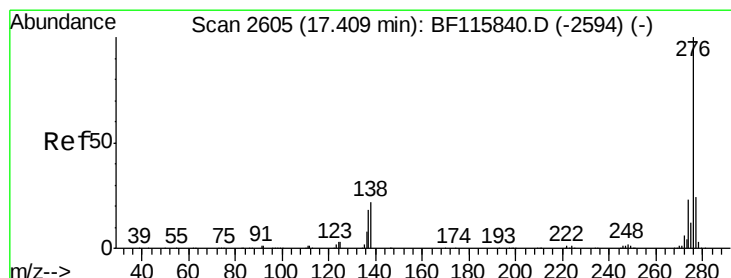
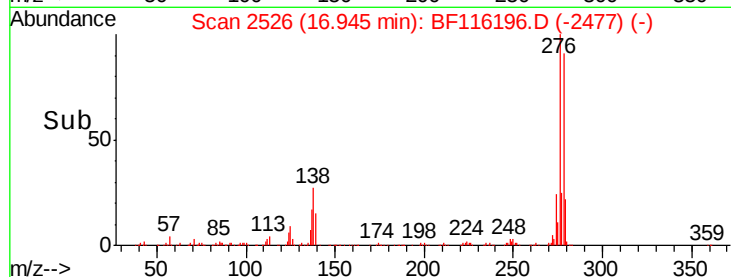
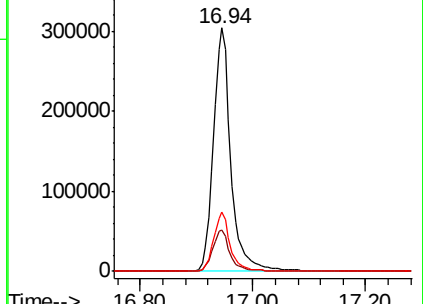
279 24.3 18.8 28.2



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: 39.179 ng

RT: 17.38 min Scan# 2600

Delta R.T. -0.01 min

Lab File: BF116196.D

Acq: 12 Aug 2019 18:35

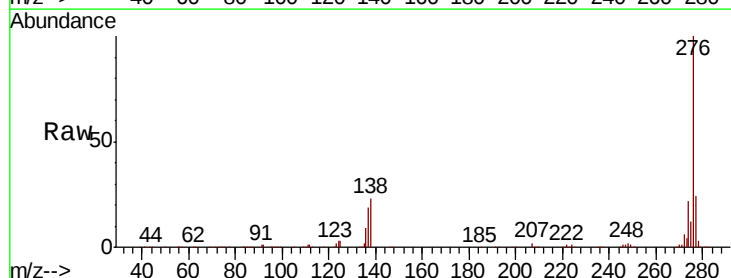
Tgt Ion:276 Resp: 626846

Ion Ratio Lower Upper

276 100

277 24.0 18.4 27.6

138 22.6 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

