

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF119982.D
 Acq On : 15 Apr 2020 10:04
 Operator : MA/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 15 11:03:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 11:01:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	225311	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	852735	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	436809	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	827615	20.00	ng	0.00
76) Chrysene-d12	13.90	240	573056	20.00	ng	0.00
87) Perylene-d12	15.31	264	478226	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1019847	78.22	ng	0.00
7) Phenol-d6	6.37	99	1316439	78.36	ng	0.00
23) Nitrobenzene-d5	7.30	82	1211616	73.51	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	363273	67.93	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	2270672	73.80	ng	0.00
79) Terphenyl-d14	12.85	244	2312456	67.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	228701	39.384	ng	96
3) Pyridine	3.07	79	614896	38.595	ng	97
4) n-Nitrosodimethylamine	3.03	42	289637	35.581	ng	93
6) Aniline	6.39	93	869724	39.444	ng	99
8) 2-Chlorophenol	6.51	128	567020	38.925	ng	95
9) Benzaldehyde	6.27	77	345249	37.157	ng	99
10) Phenol	6.38	94	738138	38.730	ng	94
11) bis(2-Chloroethyl)ether	6.47	93	563441	38.289	ng	99
12) 1,3-Dichlorobenzene	6.67	146	608629	38.163	ng	97
13) 1,4-Dichlorobenzene	6.75	146	612807	37.721	ng	99
14) 1,2-Dichlorobenzene	6.90	146	581326	38.828	ng	98
15) Benzyl Alcohol	6.87	79	485015	37.171	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	1048566	36.618	ng	98
17) 2-Methylphenol	6.99	107	502207	38.632	ng	97
18) Hexachloroethane	7.24	117	235831	38.843	ng	98
19) n-Nitroso-di-n-propylamine	7.15	70	409305	37.889	ng	98
20) 3+4-Methylphenols	7.15	107	613133	38.564	ng	95
22) Acetophenone	7.15	105	732731	36.695	ng	99
24) Nitrobenzene	7.32	77	614783	37.076	ng	98
25) Isophorone	7.56	82	1159989	36.507	ng	99
26) 2-Nitrophenol	7.63	139	312378	37.708	ng	100
27) 2,4-Dimethylphenol	7.67	122	466277	37.320	ng	100
28) bis(2-Chloroethoxy)methane	7.77	93	708255	37.880	ng	99
29) 2,4-Dichlorophenol	7.87	162	478973	37.400	ng	99
30) 1,2,4-Trichlorobenzene	7.96	180	534259	36.818	ng	98
31) Naphthalene	8.03	128	1656172	36.915	ng	99
32) Benzoic acid	7.81	122	395358	36.031	ng	95
33) 4-Chloroaniline	8.09	127	723161	37.025	ng	99
34) Hexachlorobutadiene	8.16	225	312402	35.965	ng	97
35) Caprolactam	8.47	113	145039	37.023	ng	98
36) 4-Chloro-3-methylphenol	8.57	107	511690	36.904	ng	96
37) 2-Methylnaphthalene	8.73	142	1107321	36.405	ng	99
38) 1-Methylnaphthalene	8.83	142	1040872	36.306	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	511322	37.062	ng	99

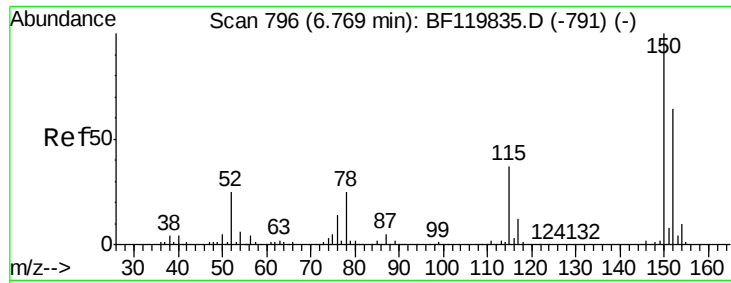
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	360715	45.980	nq	98
43) 2,4,6-Trichlorophenol	9.00	196	360118	37.800	nq	99
44) 2,4,5-Trichlorophenol	9.05	196	404617	37.708	nq	98
46) 1,1'-Biphenyl	9.19	154	1396100	37.866	nq	98
47) 2-Chloronaphthalene	9.22	162	1071836	37.738	nq	96
48) 2-Nitroaniline	9.32	65	382517	37.165	nq	96
49) Acenaphthylene	9.63	152	1641261	37.997	nq	99
50) Dimethylphthalate	9.50	163	1249381	36.979	nq	99
51) 2,6-Dinitrotoluene	9.56	165	278014	37.576	nq #	81
52) Acenaphthene	9.80	154	991687	34.418	nq	100
53) 3-Nitroaniline	9.73	138	320750	37.959	nq	100
54) 2,4-Dinitrophenol	9.83	184	204806	46.236	nq	94
55) Dibenzofuran	9.97	168	1485351	37.567	nq	99
56) 4-Nitrophenol	9.89	139	234915	37.364	nq	91
57) 2,4-Dinitrotoluene	9.96	165	365261	37.471	nq	97
58) Fluorene	10.32	166	1121352	35.462	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.09	232	312523	38.082	nq	96
60) Diethylphthalate	10.20	149	1279306	36.533	nq	99
61) 4-Chlorophenyl-phenylether	10.32	204	570040	35.172	nq	98
62) 4-Nitroaniline	10.35	138	317201	39.390	nq	97
63) Azobenzene	10.47	77	1193852	38.042	nq	97
65) 4,6-Dinitro-2-methylphenol	10.37	198	207537	38.063	nq	94
66) n-Nitrosodiphenylamine	10.43	169	1039351	37.761	nq	98
67) 4-Bromophenyl-phenylether	10.80	248	366090	35.569	nq	100
68) Hexachlorobenzene	10.87	284	370394	35.475	nq	98
69) Atrazine	10.96	200	269575	35.201	nq	97
70) Pentachlorophenol	11.06	266	215482	35.812	nq	98
71) Phenanthrene	11.28	178	1635341	37.128	nq	98
72) Anthracene	11.33	178	1667203	37.052	nq	100
73) Carbazole	11.49	167	1608135	37.793	nq	99
74) Di-n-butylphthalate	11.82	149	2023516	36.174	nq	99
75) Fluoranthene	12.47	202	1752318	36.871	nq	99
77) Benzidine	12.59	184	605344	31.250	nq	96
78) Pyrene	12.70	202	1797289	37.204	nq	99
80) Butylbenzylphthalate	13.32	149	828915	35.361	nq	99
81) Benzo(a)anthracene	13.89	228	1390663	36.888	nq	99
82) 3,3'-Dichlorobenzidine	13.85	252	527708	37.515	nq	95
83) Chrysene	13.92	228	1434917	37.460	nq	99
84) Bis(2-ethylhexyl)phthalate	13.88	149	1076873	33.923	nq #	99
85) Di-n-octyl phthalate	14.49	149	1854336	34.307	nq	98
86) Indeno(1,2,3-cd)pyrene	16.70	276	1109430	32.856	nq	97
88) Benzo(b)fluoranthene	14.91	252	1233769	35.863	nq	98
89) Benzo(k)fluoranthene	14.94	252	1187919	40.020	nq	99
90) Benzo(a)pyrene	15.26	252	1094208	37.828	nq	98
91) Dibenzo(a,h)anthracene	16.72	278	907637	35.424	nq	97
92) Benzo(g,h,i)perylene	17.12	276	881445	34.851	nq	98

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

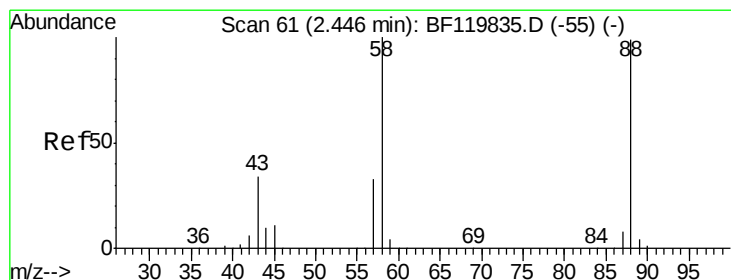
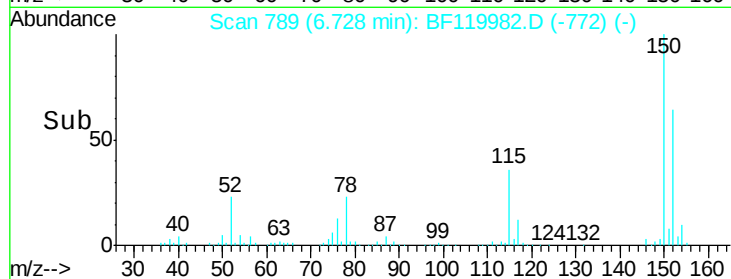
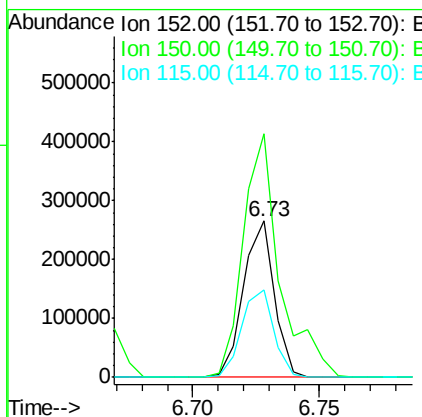
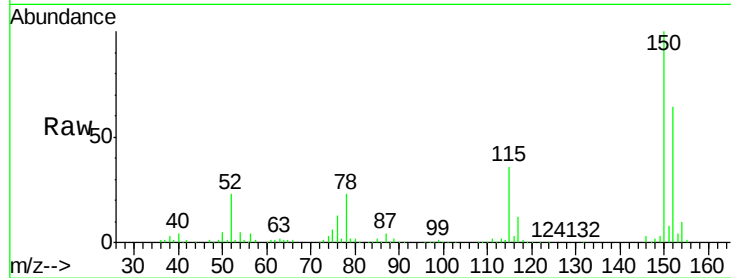


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF119982.D
Acq: 15 Apr 2020 10:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

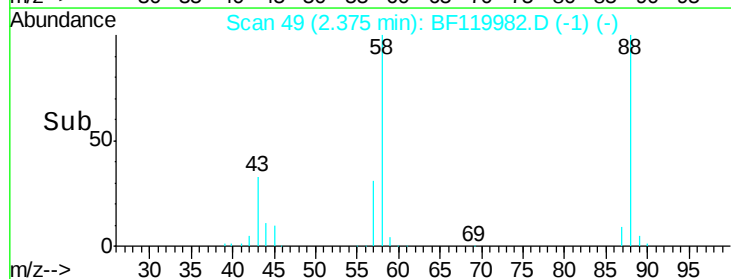
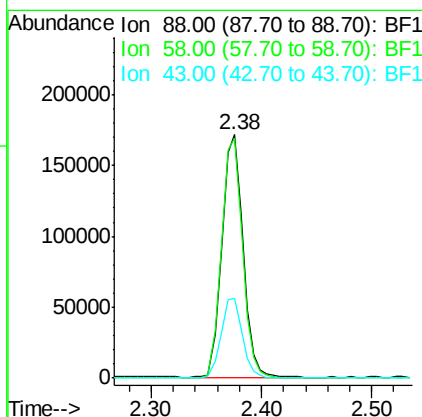
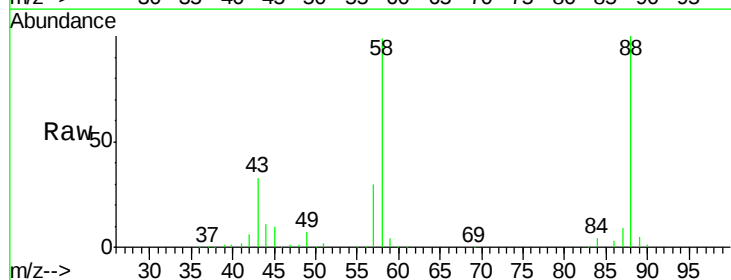
Tot Ion:152 Resp: 225311
Ion Ratio Lower Upper
152 100
150 155.7 124.8 187.2
115 55.6 46.5 69.7

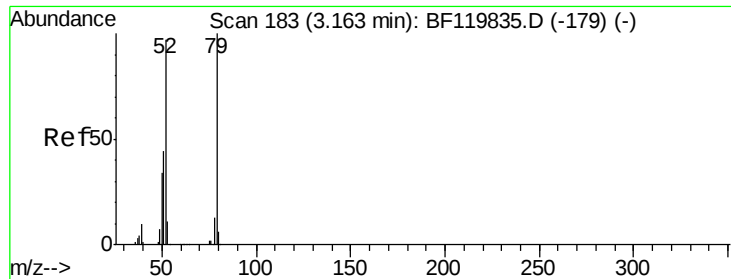


#2

1,4-Dioxane
Concen: 39.384 ng
RT: 2.38 min Scan# 49
Delta R.T. 0.00 min
Lab File: BF119982.D
Acq: 15 Apr 2020 10:04

Tgt Ion: 88 Resp: 228701
Ion Ratio Lower Upper
88 100
58 98.9 82.6 123.8
43 33.1 28.6 42.8





#3

Pvridine

Concen: 38.595 ng

RT: 3.07 min Scan# 167

Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

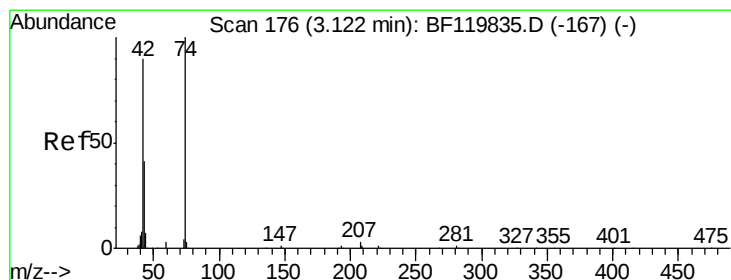
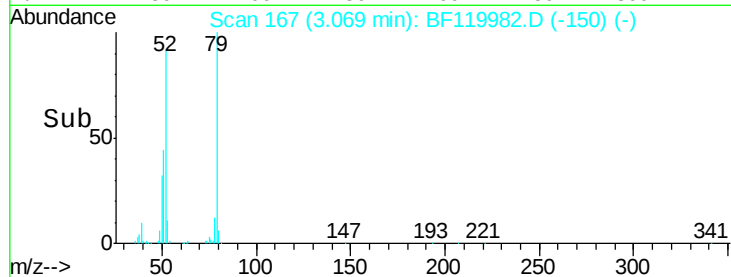
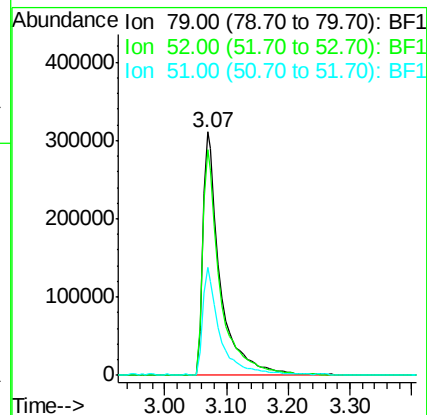
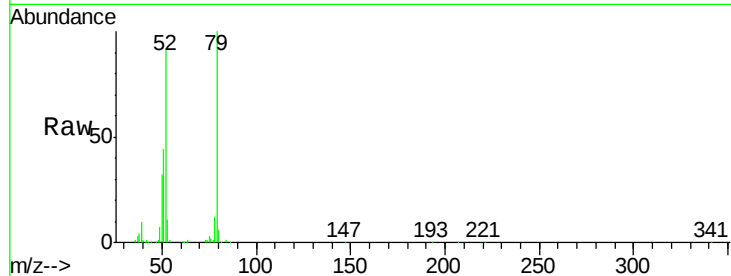
Tot Ion: 79 Resp: 614896

Ion Ratio Lower Upper

79 100

52 92.4 77.4 116.0

51 44.1 35.3 52.9



#4

n-Nitrosodimethylamine

Concen: 35.581 ng

RT: 3.03 min Scan# 161

Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

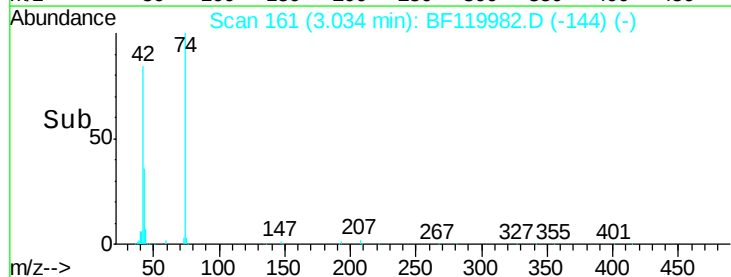
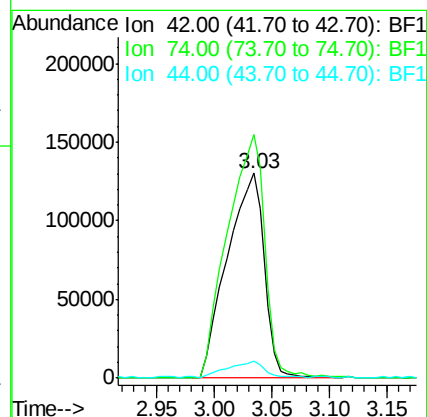
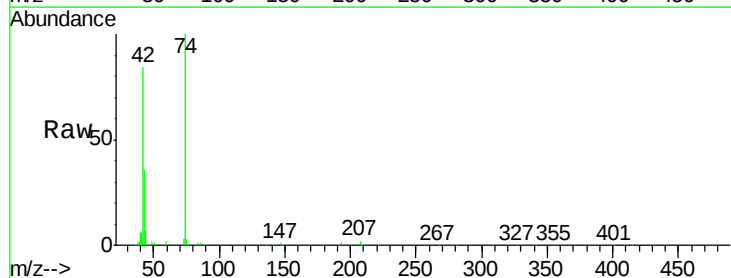
Tgt Ion: 42 Resp: 289637

Ion Ratio Lower Upper

42 100

74 118.9 89.0 133.4

44 8.4 6.2 9.4





#5

2-Fluorophenol

Concen: 78.224 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

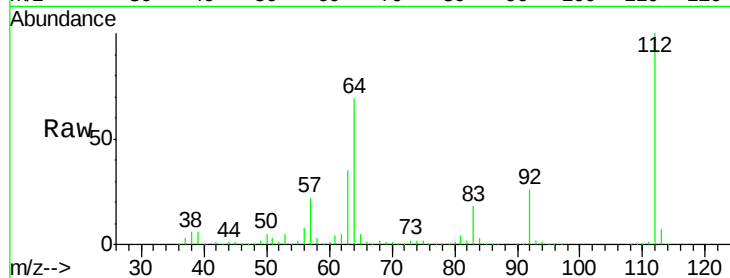
Tot Ion:112 Resp: 1019847

Ion Ratio Lower Upper

112 100

64 68.5 55.5 83.3

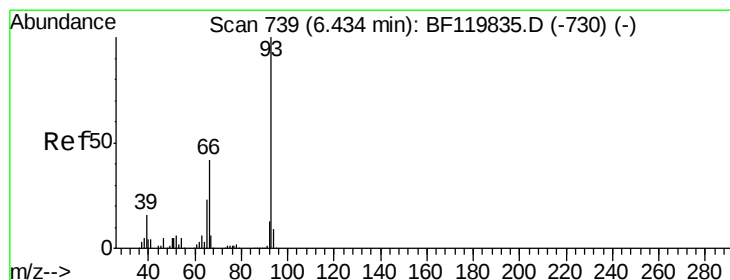
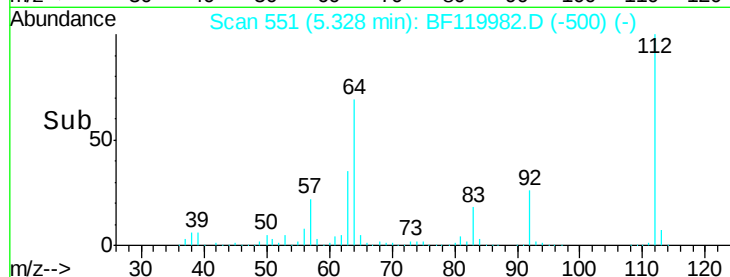
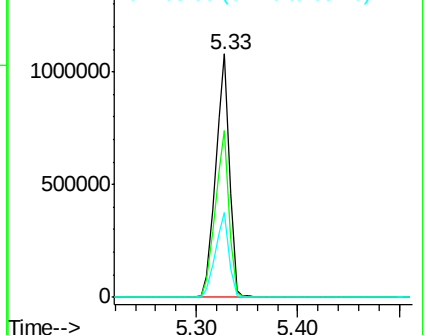
63 35.0 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.444 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

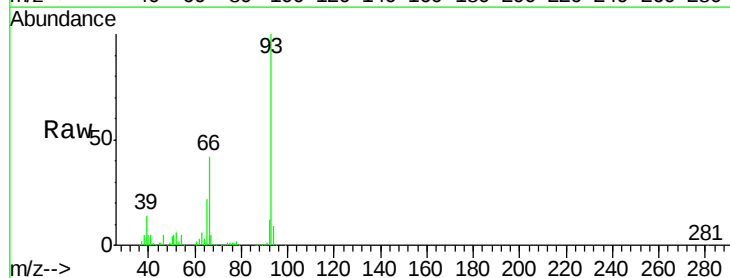
Tgt Ion: 93 Resp: 869724

Ion Ratio Lower Upper

93 100

66 41.7 34.2 51.2

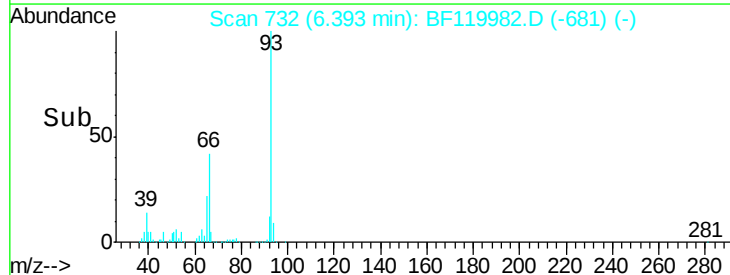
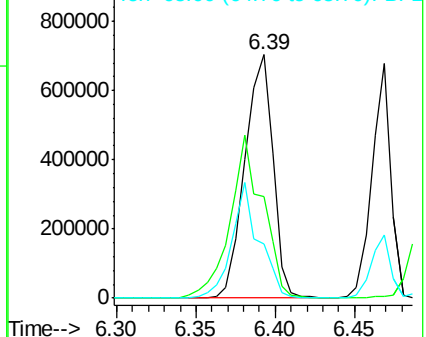
65 22.3 18.3 27.5

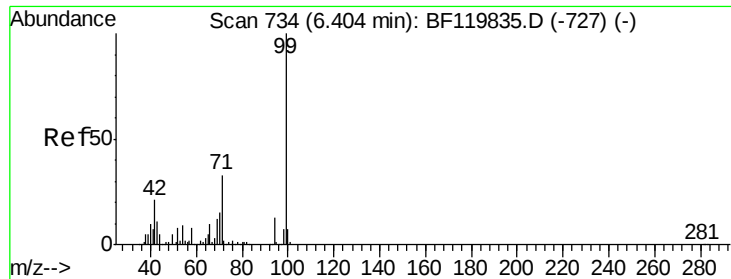


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.362 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

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ClientSampleId :

SSTDCCC040

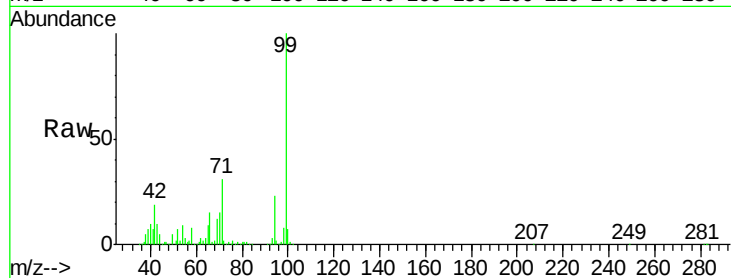
Tot Ion: 99 Resp: 1316439

Ion Ratio Lower Upper

99 100

42 19.0 16.9 25.3

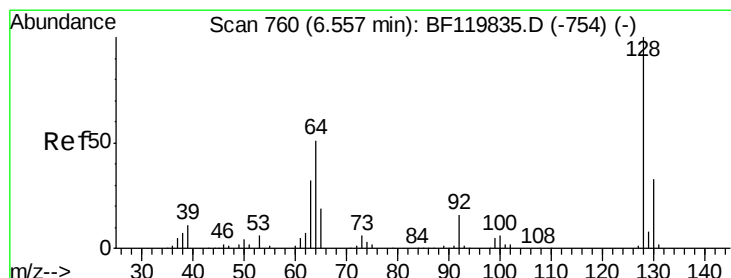
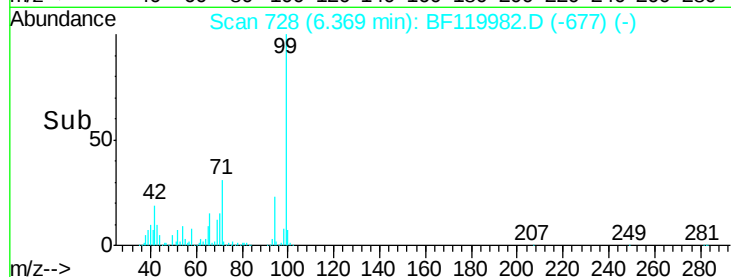
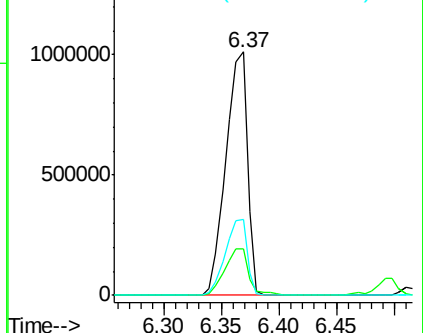
71 31.4 26.3 39.5



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.925 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

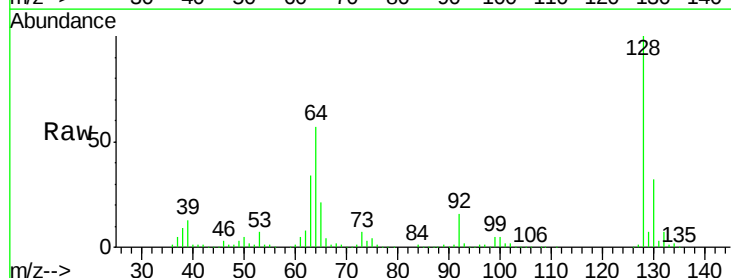
Tgt Ion: 128 Resp: 567020

Ion Ratio Lower Upper

128 100

130 31.5 12.6 52.6

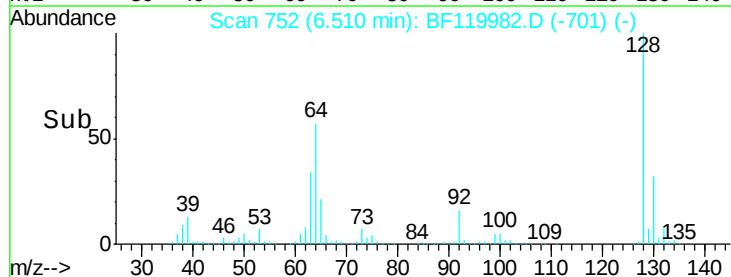
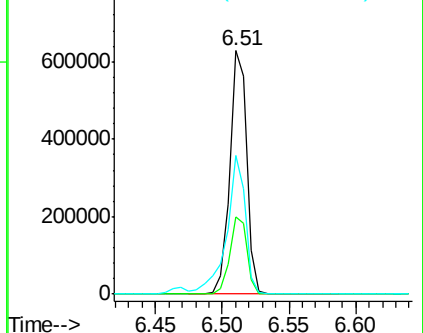
64 57.0 32.0 72.0

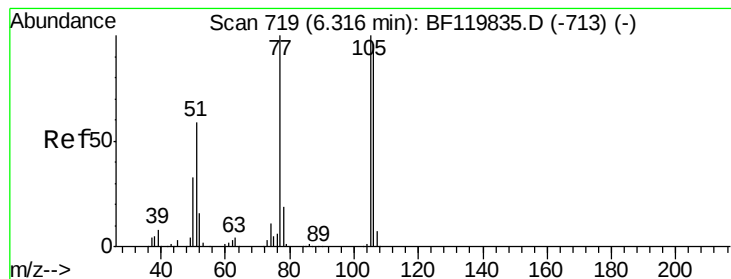


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 37.157 ng

RT: 6.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

Instrument :

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ClientSampleId :

SSTDCCC040

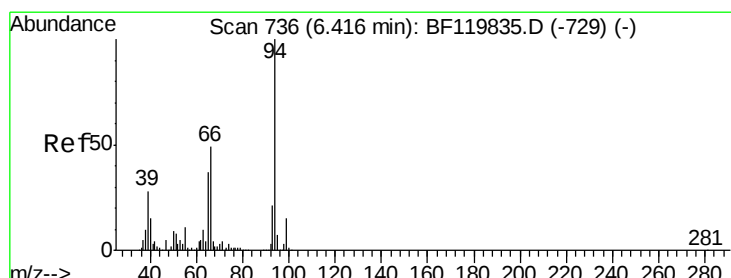
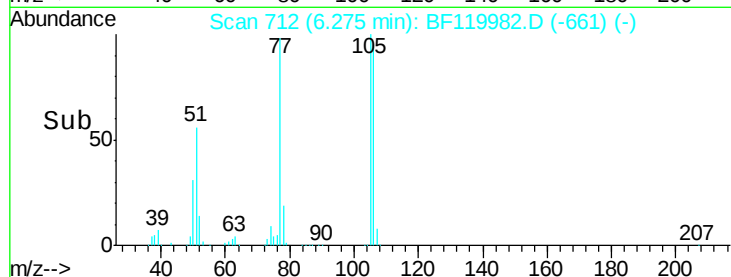
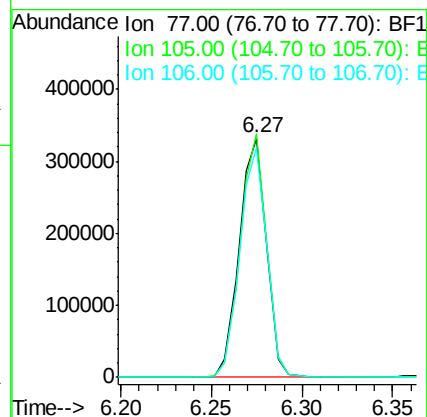
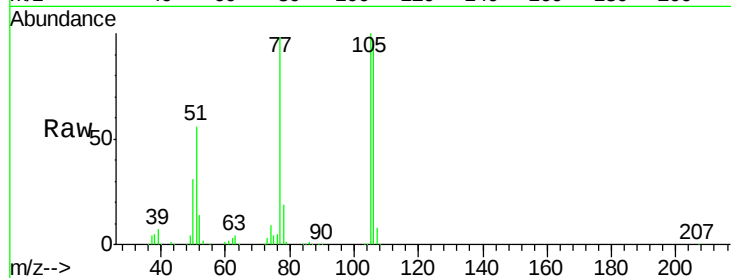
Tot Ion: 77 Resp: 345249

Ion Ratio Lower Upper

77 100

105 101.9 79.9 119.9

106 96.4 76.4 116.4



#10

Phenol

Concen: 38.730 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

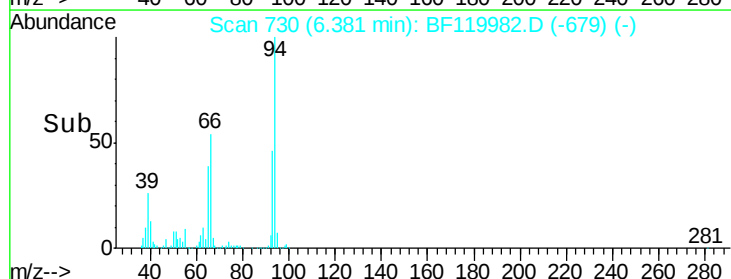
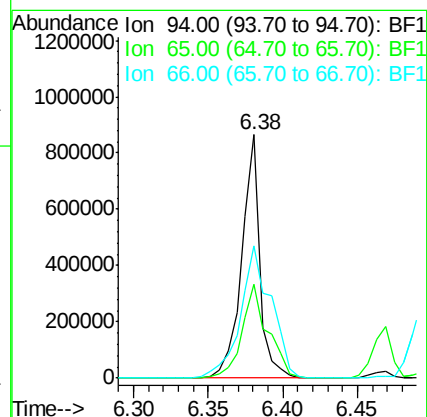
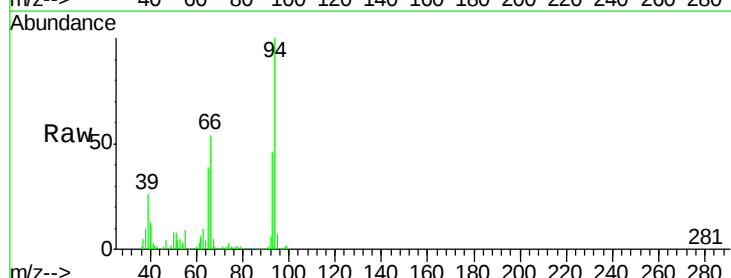
Tgt Ion: 94 Resp: 738138

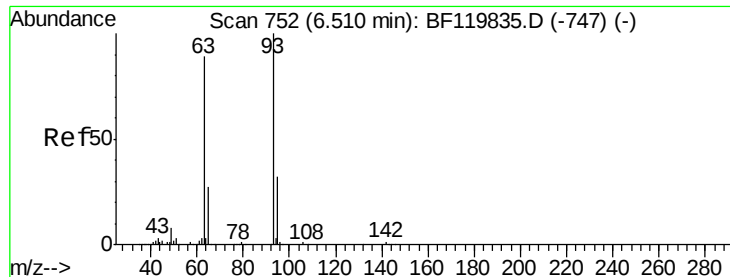
Ion Ratio Lower Upper

94 100

65 38.8 16.6 56.6

66 54.4 29.3 69.3

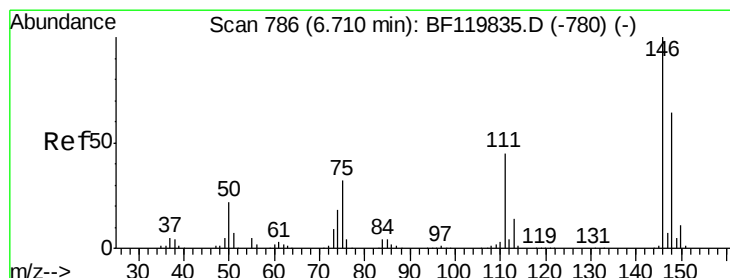
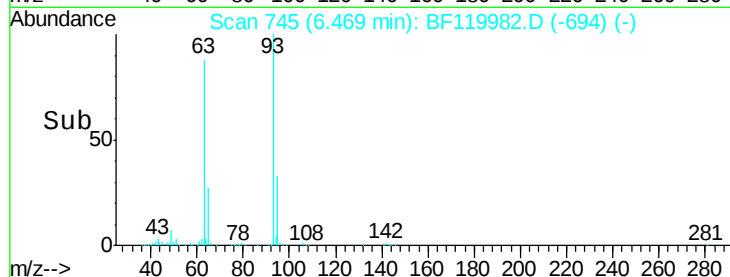
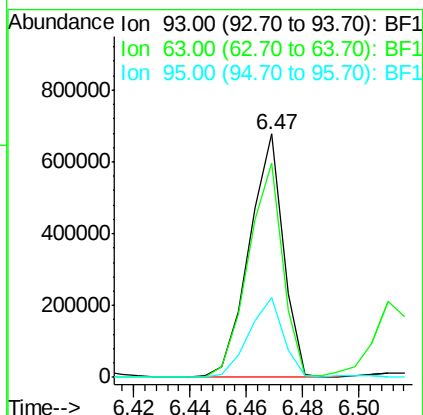
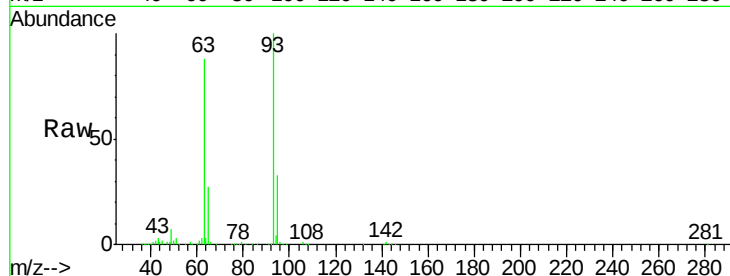




#11
bis(2-Chloroethyl)ether
Concen: 38.289 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF119982.D
Acq: 15 Apr 2020 10:04

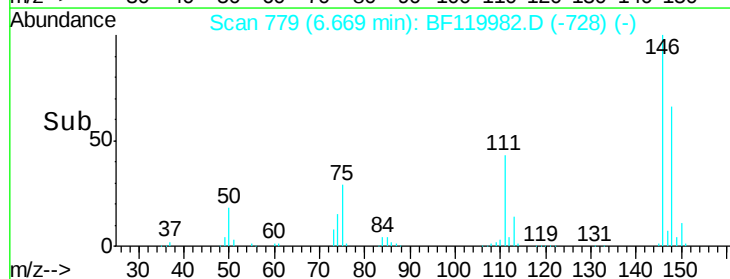
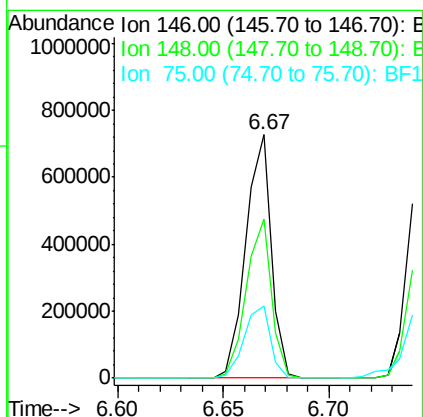
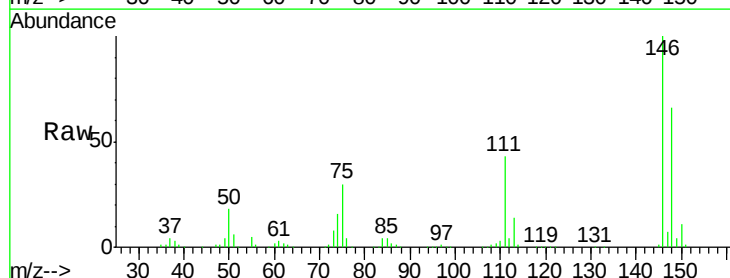
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

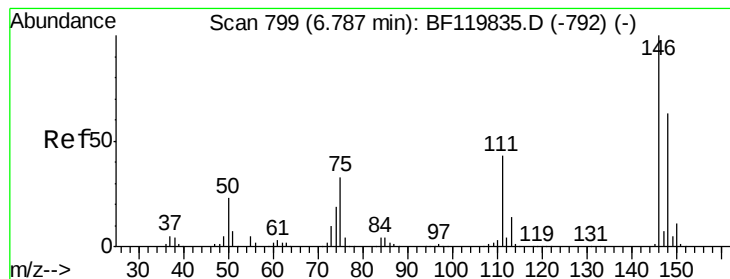
Tot Ion: 93 Resp: 563441
Ion Ratio Lower Upper
93 100
63 88.2 69.1 109.1
95 32.7 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 38.163 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF119982.D
Acq: 15 Apr 2020 10:04

Tgt Ion: 146 Resp: 608629
Ion Ratio Lower Upper
146 100
148 65.6 51.3 76.9
75 29.5 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 37.721 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

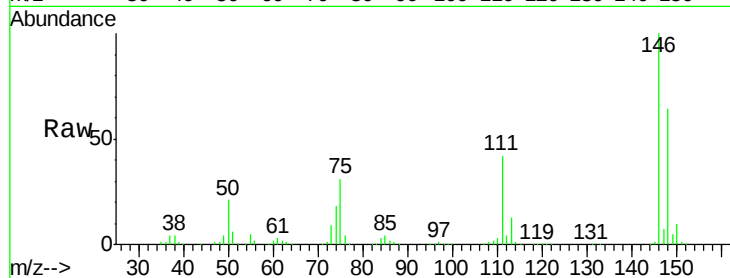
Tot Ion:146 Resp: 612807

Ion Ratio Lower Upper

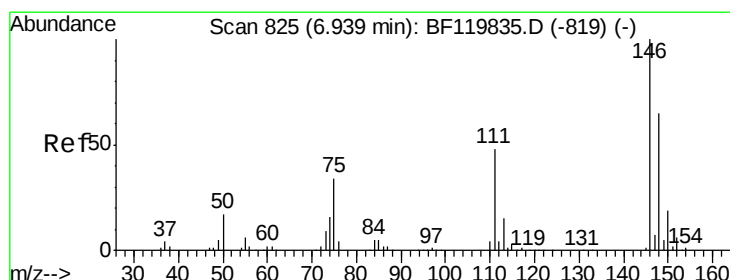
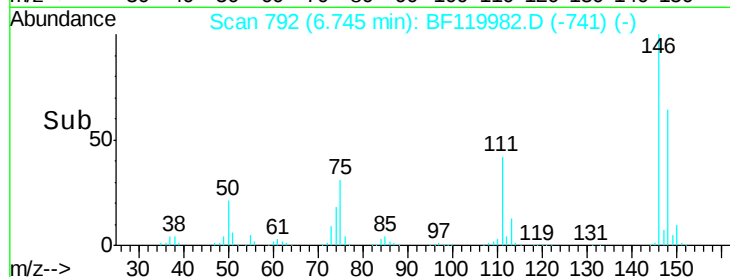
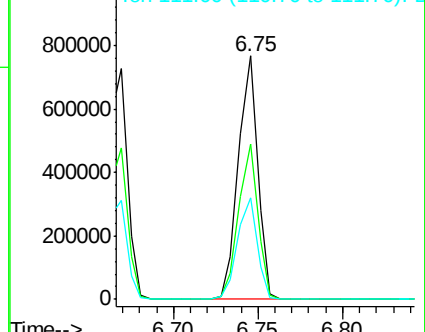
146 100

148 63.6 50.5 75.7

111 41.8 34.7 52.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.828 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

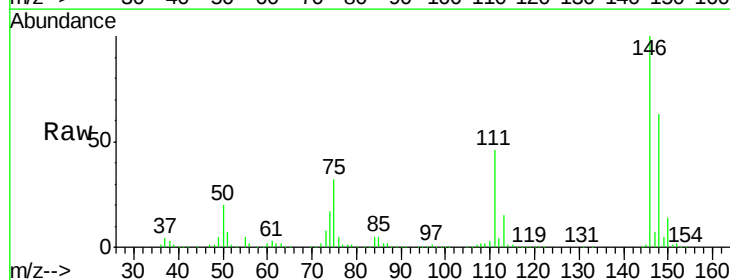
Tgt Ion:146 Resp: 581326

Ion Ratio Lower Upper

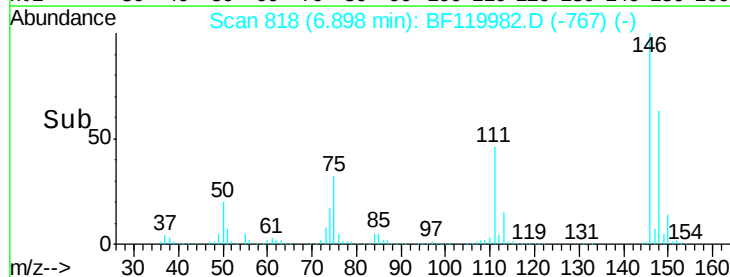
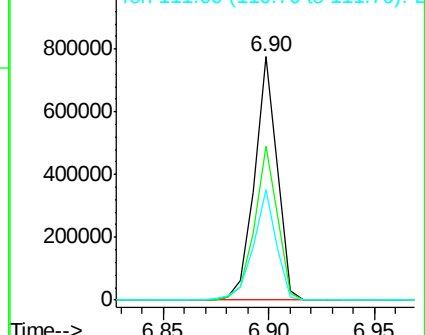
146 100

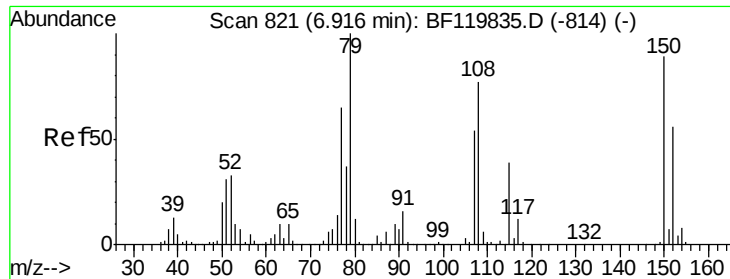
148 63.4 51.8 77.8

111 45.5 38.0 57.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

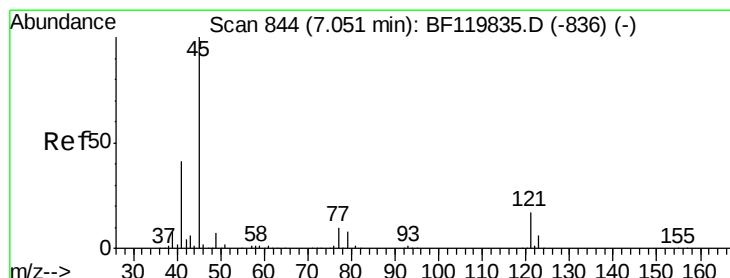
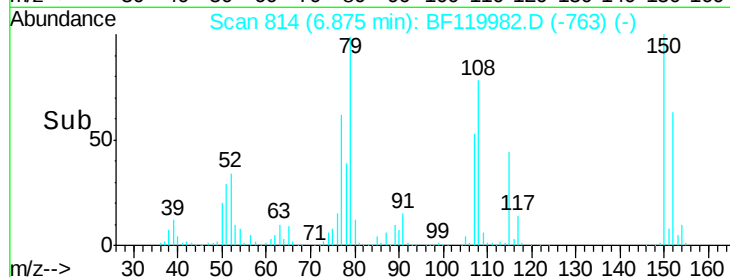
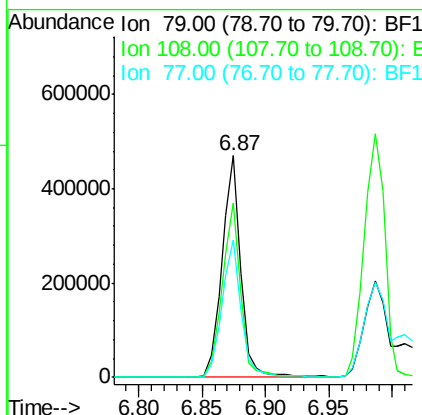
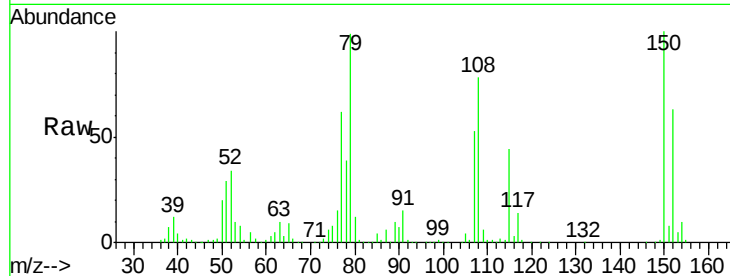




#15
Benzyl Alcohol
Concen: 37.171 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF119982.D
Acq: 15 Apr 2020 10:04

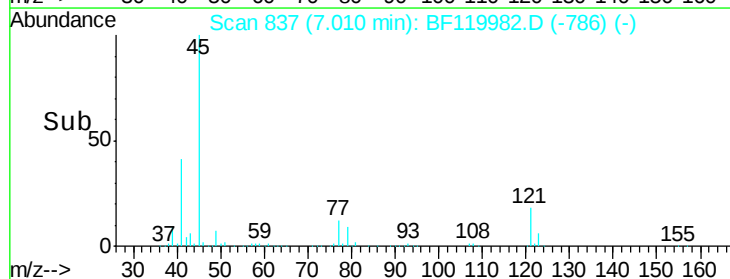
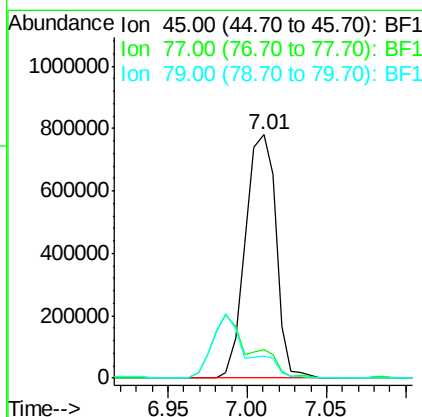
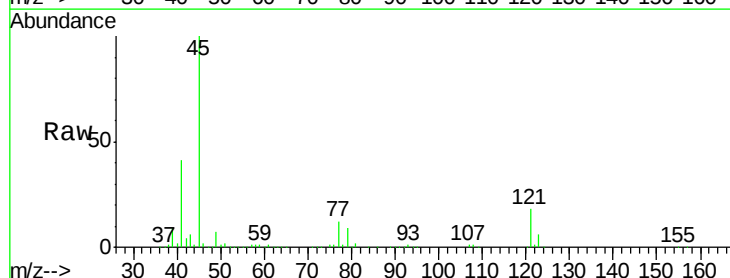
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

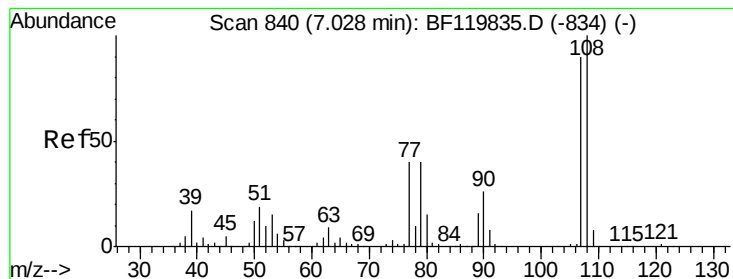
Tot Ion: 79 Resp: 485015
Ion Ratio Lower Upper
79 100
108 78.5 62.0 93.0
77 62.1 51.8 77.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.618 ng
RT: 7.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF119982.D
Acq: 15 Apr 2020 10:04

Tgt Ion: 45 Resp: 1048566
Ion Ratio Lower Upper
45 100
77 11.7 0.0 30.7
79 9.2 0.0 28.6





#17

2-Methylphenol

Concen: 38.632 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

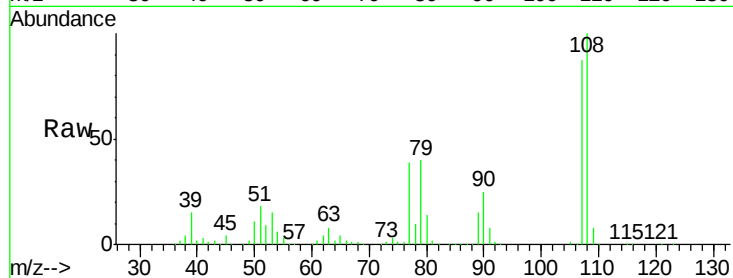
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:	107	Resp:	502207
Ion	Ratio	Lower	Upper
107	100		
108	115.1	88.8	133.2
77	45.2	36.0	54.0
79	45.7	35.7	53.5

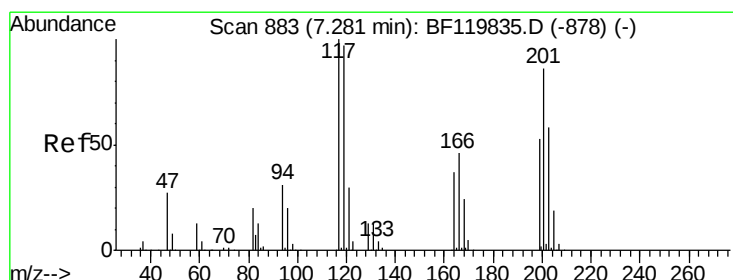
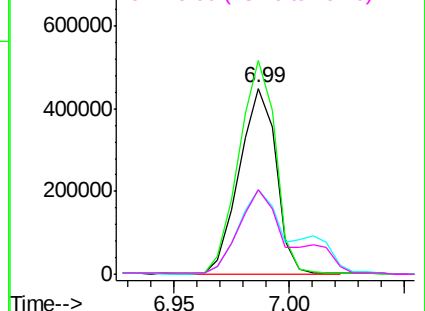
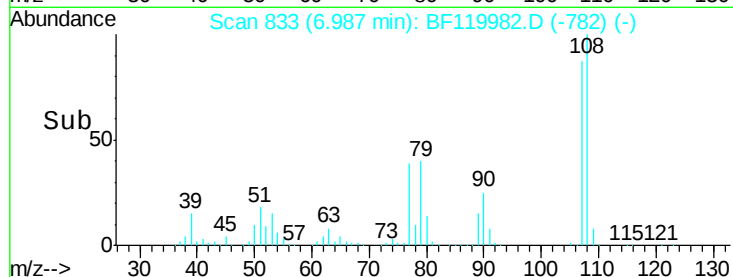


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.843 ng

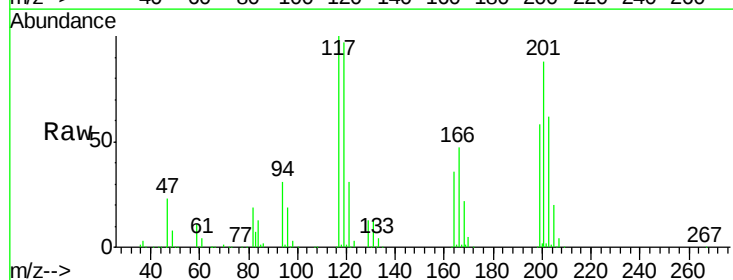
RT: 7.24 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

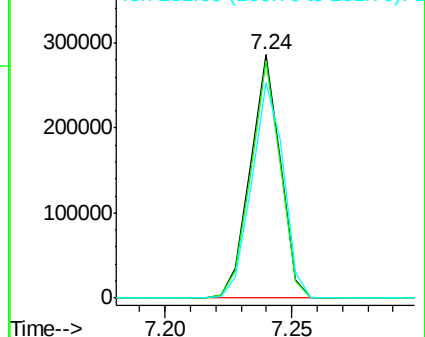
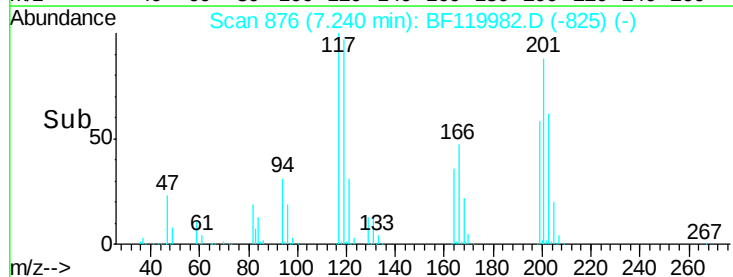
Tgt Ion:	117	Resp:	235831
Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.4	116.0
201	88.5	68.4	102.6



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

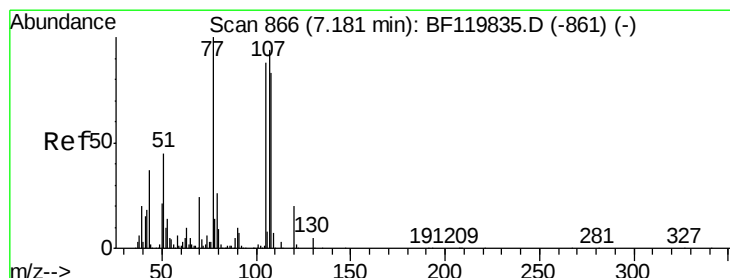
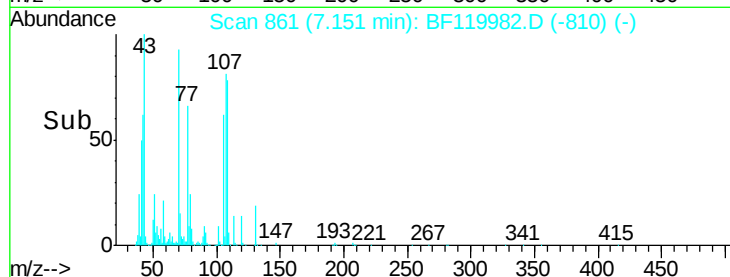
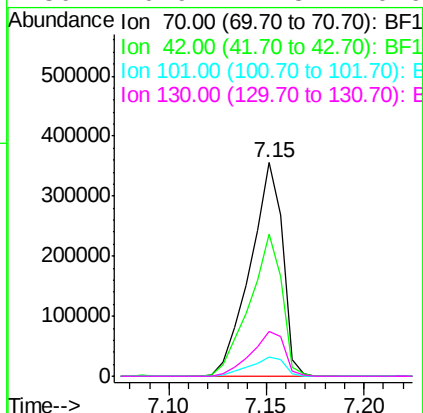
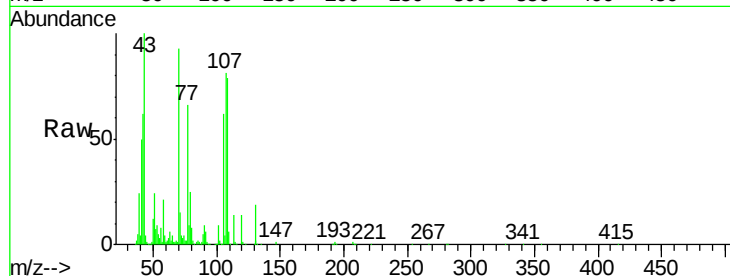




#19
n-Nitroso-di-n-propylamine
Concen: 37.889 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF119982.D
Acq: 15 Apr 2020 10:04

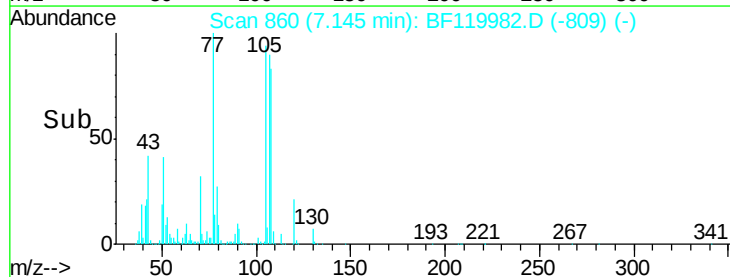
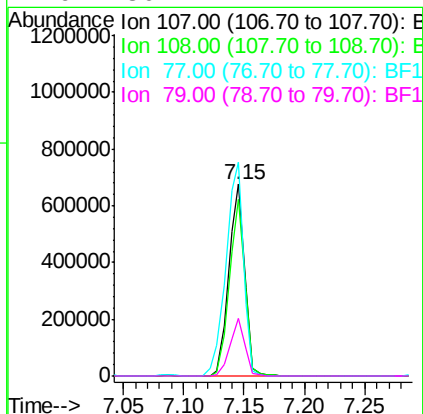
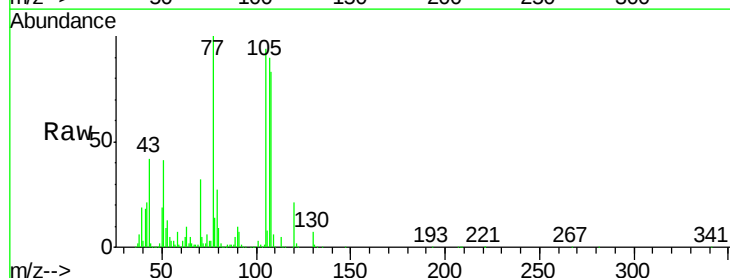
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

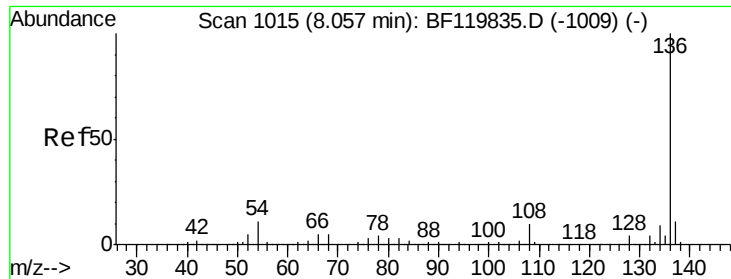
Tot Ion:	70	Resp:	409305
Ion	Ratio	Lower	Upper
70	100		
42	66.4	54.2	81.4
101	9.2	7.4	11.2
130	20.9	17.8	26.6



#20
3+4-Methylphenols
Concen: 38.564 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF119982.D
Acq: 15 Apr 2020 10:04

Tgt Ion:	107	Resp:	613133
Ion	Ratio	Lower	Upper
107	100		
108	92.1	68.2	108.2
77	111.6	86.6	126.6
79	30.4	7.7	47.7

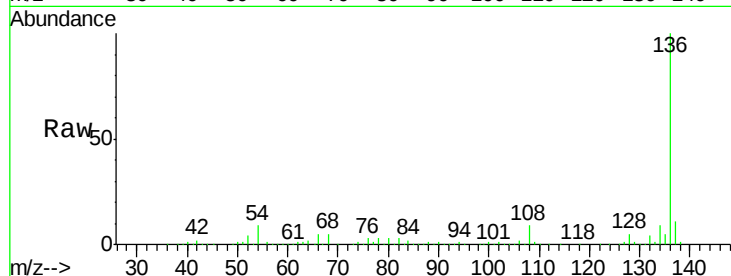




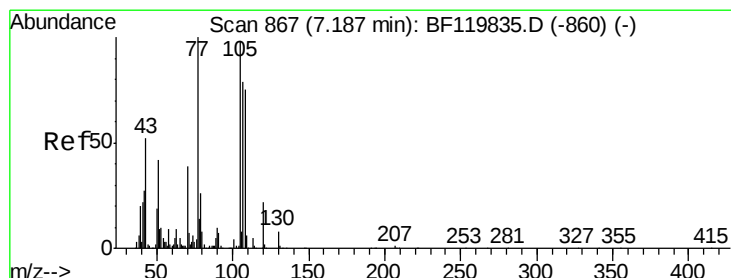
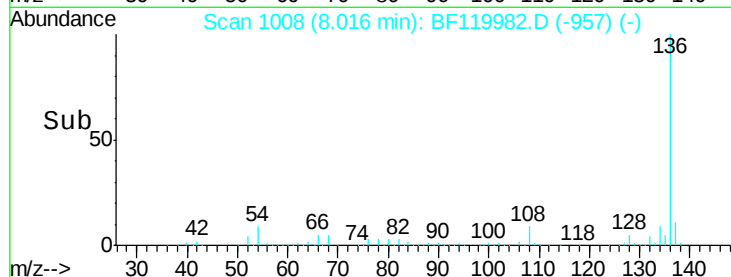
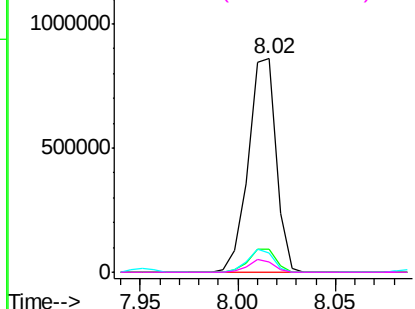
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF119982.D
Acq: 15 Apr 2020 10:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	852735
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.7 13.1
54	9.1	8.5 12.7
68	5.0	3.9 5.9

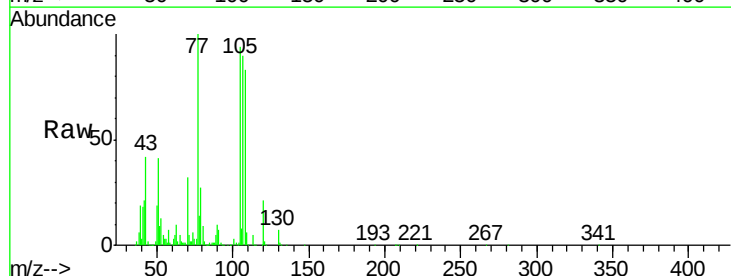


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

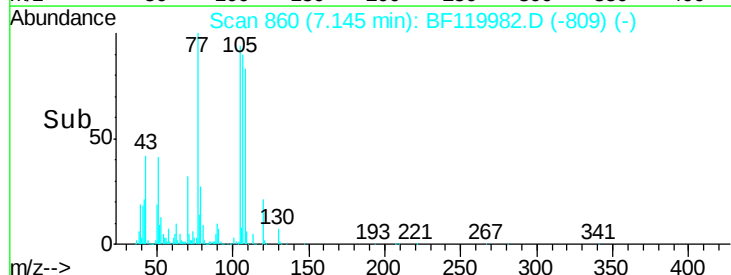
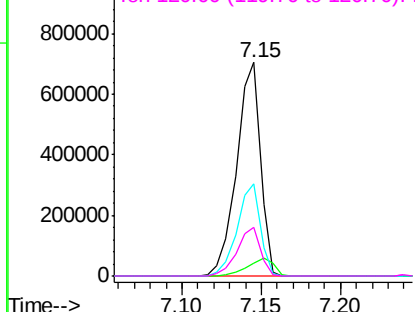


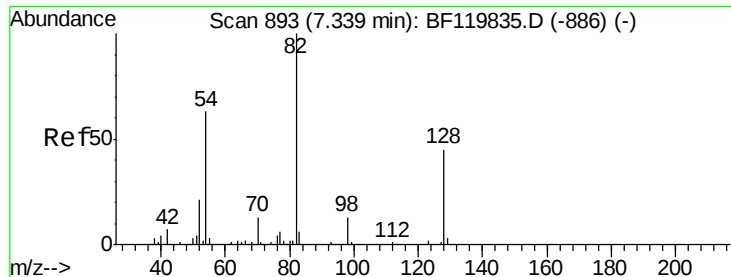
#22
Acetophenone
Concen: 36.695 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF119982.D
Acq: 15 Apr 2020 10:04

Tgt Ion:105	Resp:	732731
Ion Ratio	Lower	Upper
105	100	
71	5.8	5.6 8.4
51	43.3	33.9 50.9
120	22.6	17.8 26.8



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

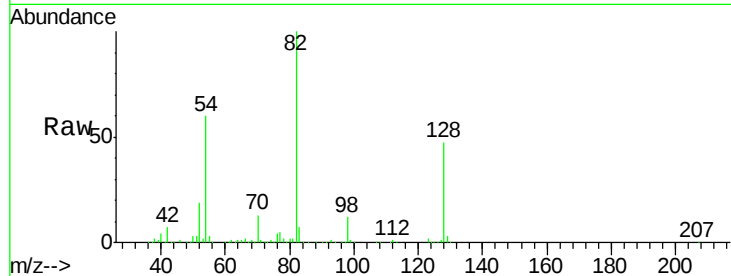




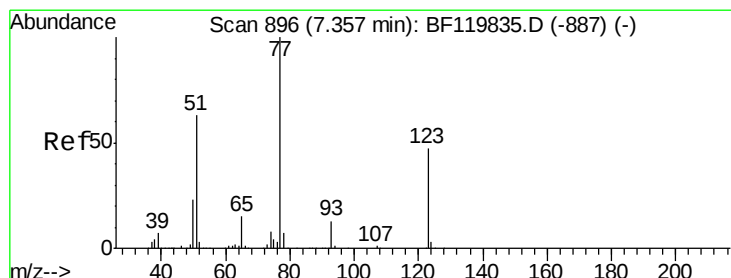
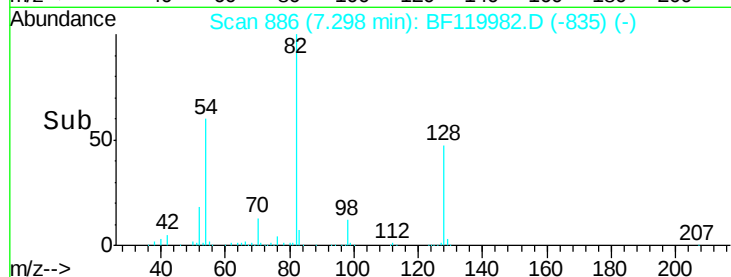
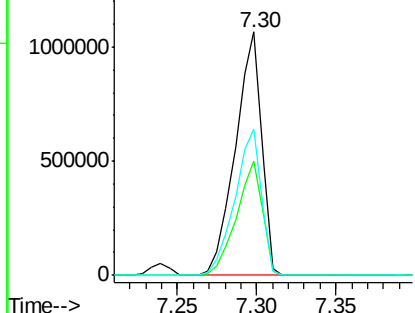
#23
 Nitrobenzene-d5
 Concen: 73.506 ng
 RT: 7.30 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: BF119982.D
 Acq: 15 Apr 2020 10:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1211616
 Ion Ratio Lower Upper
 82 100
 128 46.7 36.2 54.4
 54 60.1 50.4 75.6

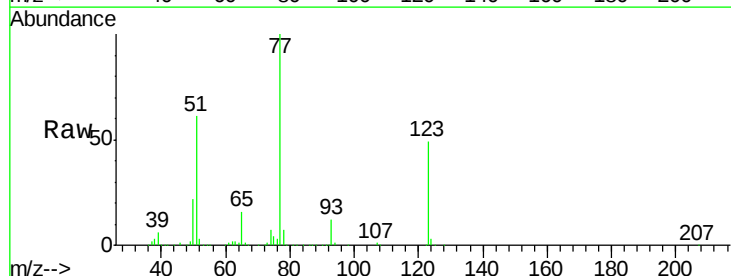


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

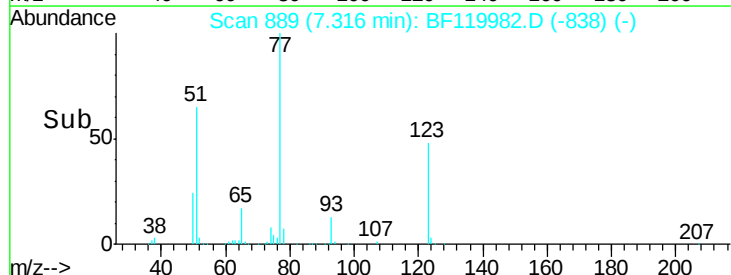
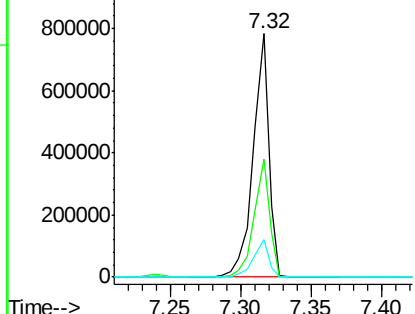


#24
 Nitrobenzene
 Concen: 37.076 ng
 RT: 7.32 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: BF119982.D
 Acq: 15 Apr 2020 10:04

Tgt Ion: 77 Resp: 614783
 Ion Ratio Lower Upper
 77 100
 123 48.7 37.8 56.8
 65 15.6 12.2 18.2



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





#25

Isophorone

Concen: 36.507 ng

RT: 7.56 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

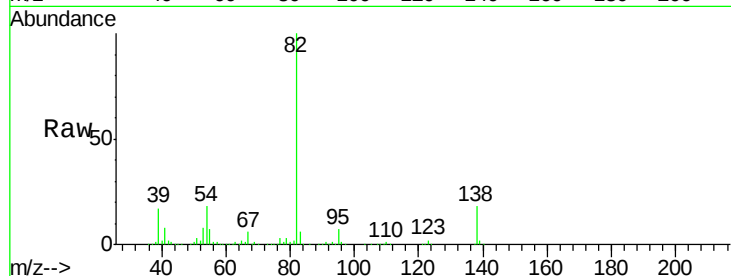
Tot Ion: 82 Resp: 1159989

Ion Ratio Lower Upper

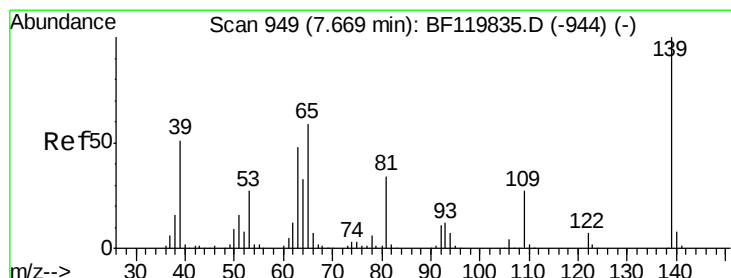
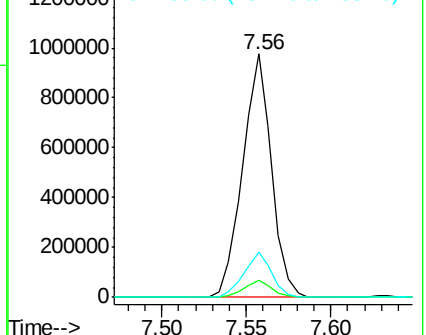
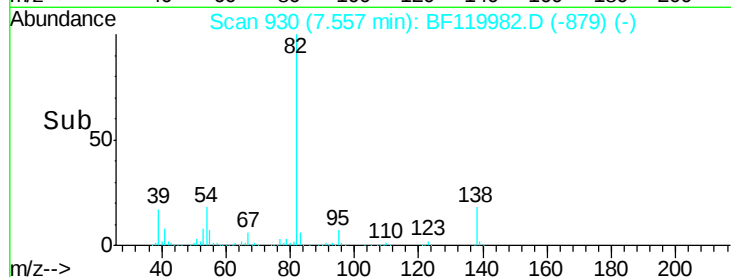
82 100

95 6.8 5.8 8.6

138 18.3 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: 37.708 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

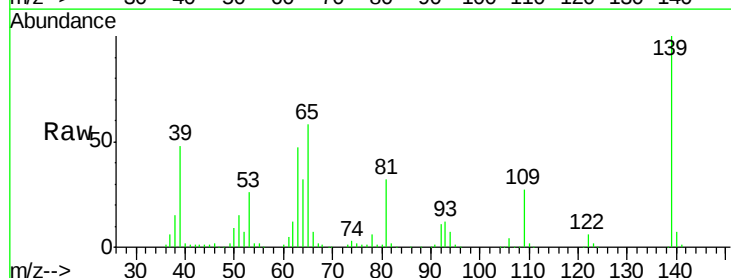
Tgt Ion: 139 Resp: 312378

Ion Ratio Lower Upper

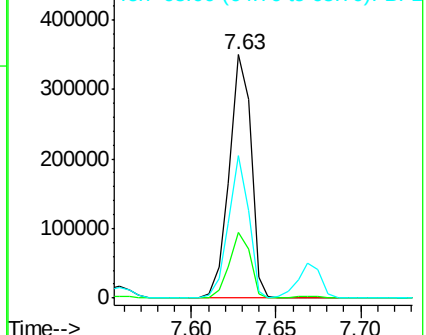
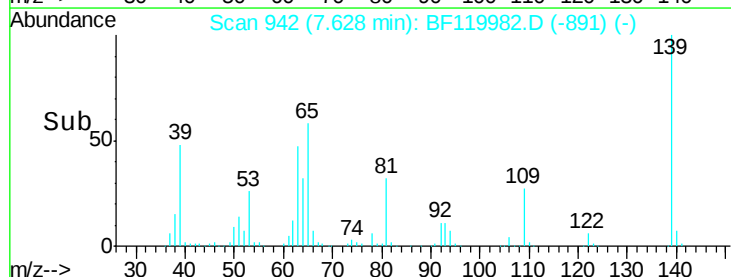
139 100

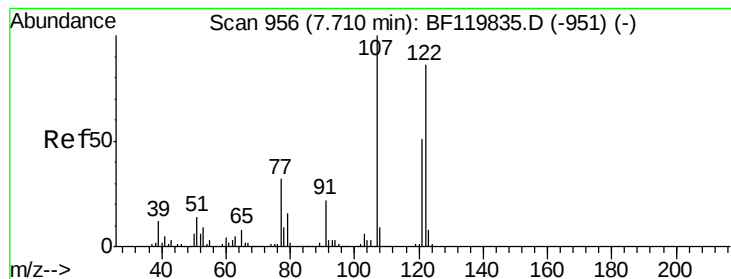
109 27.1 21.8 32.6

65 58.3 47.0 70.4



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





#27

2,4-Dimethylphenol

Concen: 37.320 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

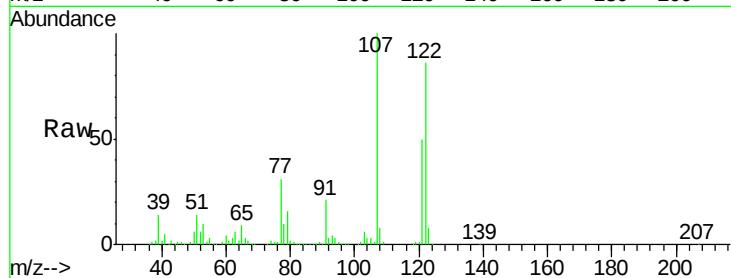
Tot Ion:122 Resp: 466277

Ion Ratio Lower Upper

122 100

107 115.7 92.3 138.5

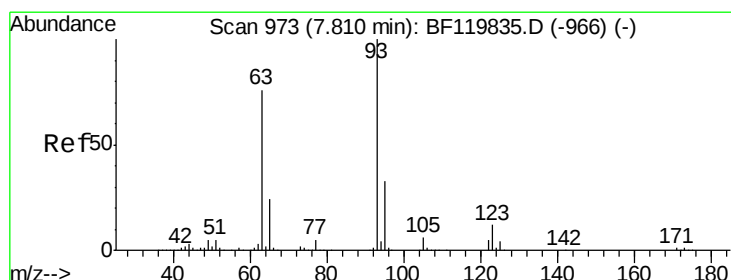
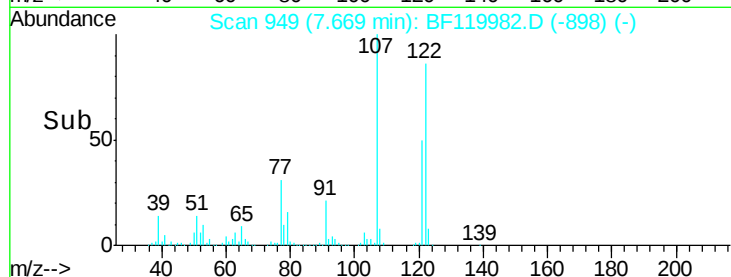
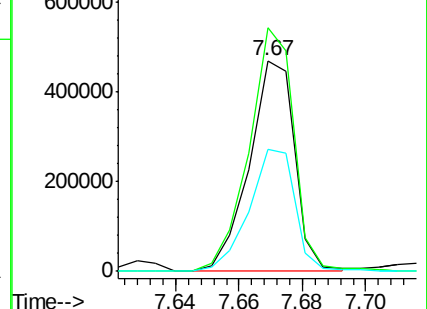
121 58.2 46.6 70.0



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: 37.880 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

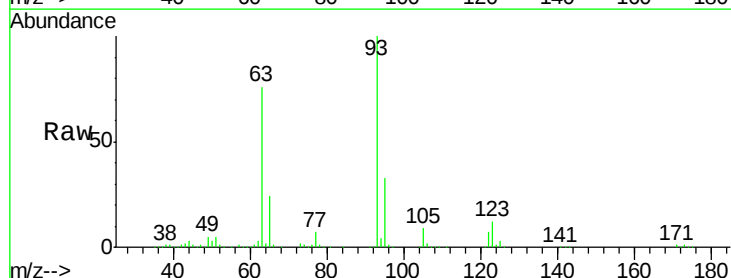
Tgt Ion: 93 Resp: 708255

Ion Ratio Lower Upper

93 100

95 33.1 26.4 39.6

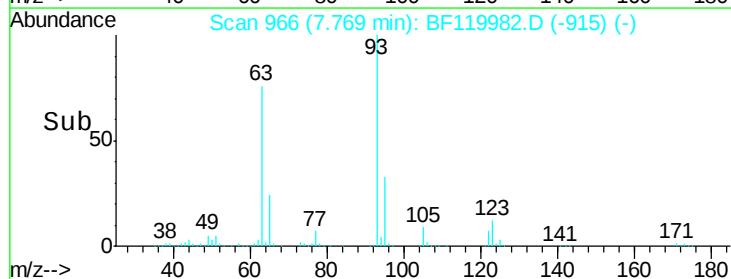
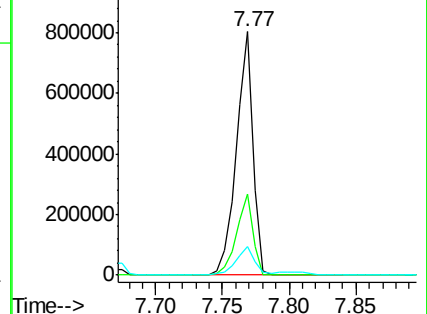
123 11.5 9.7 14.5

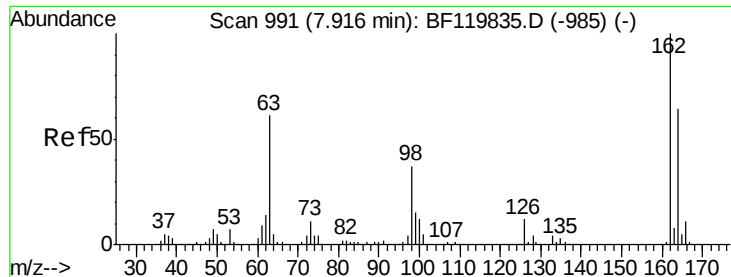


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

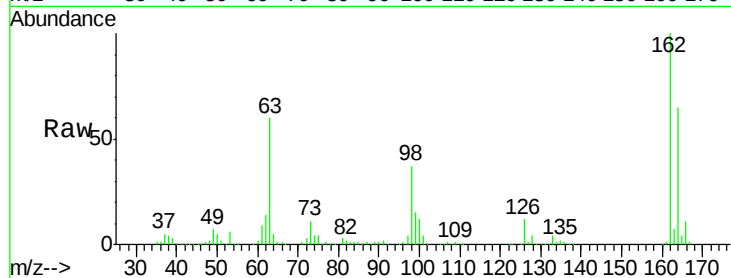




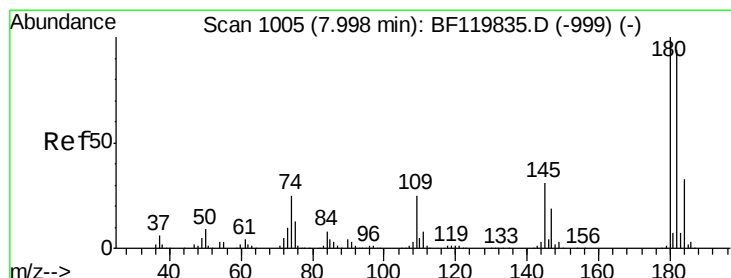
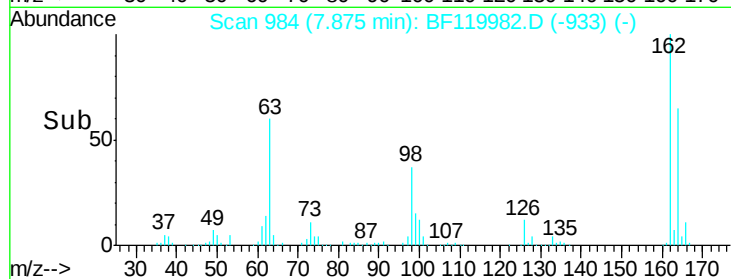
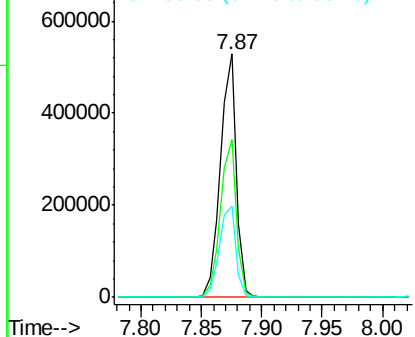
#29
2,4-Dichlorophenol
Concen: 37.400 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BF119982.D
Acq: 15 Apr 2020 10:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:162 Resp: 478973
Ion Ratio Lower Upper
162 100
164 65.0 44.4 84.4
98 37.5 17.3 57.3

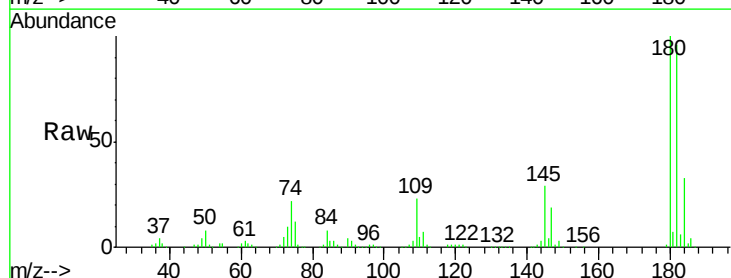


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

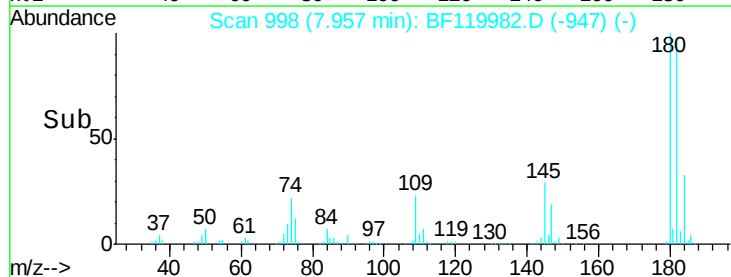
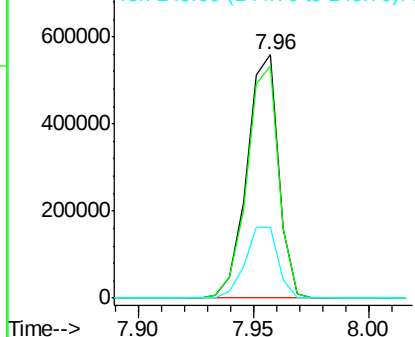


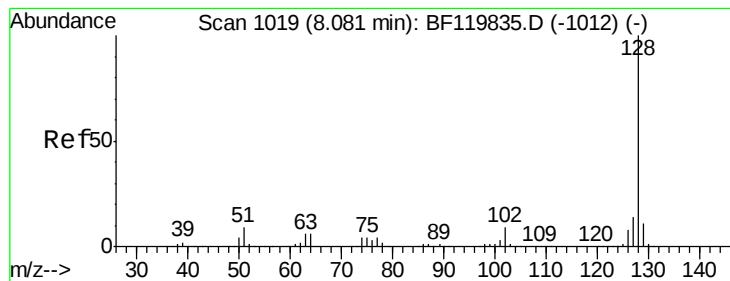
#30
1,2,4-Trichlorobenzene
Concen: 36.818 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF119982.D
Acq: 15 Apr 2020 10:04

Tgt Ion:180 Resp: 534259
Ion Ratio Lower Upper
180 100
182 95.5 75.4 113.0
145 29.1 24.6 37.0



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





#31

Naphthalene

Concen: 36.915 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

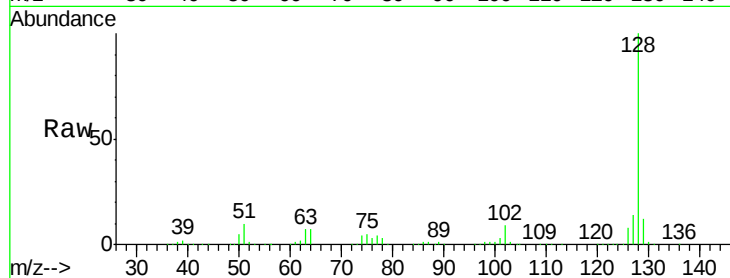
Tot Ion:128 Resp: 1656172

Ion Ratio Lower Upper

128 100

129 11.9 9.0 13.6

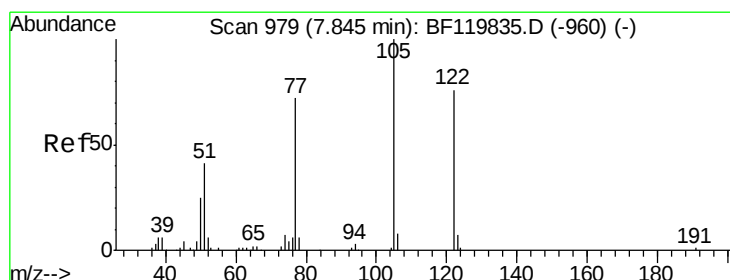
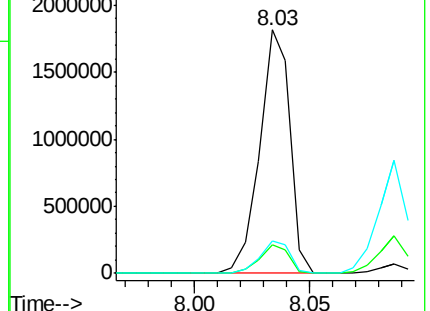
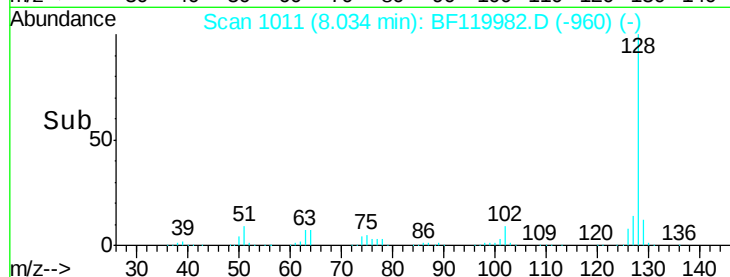
127 13.6 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.031 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

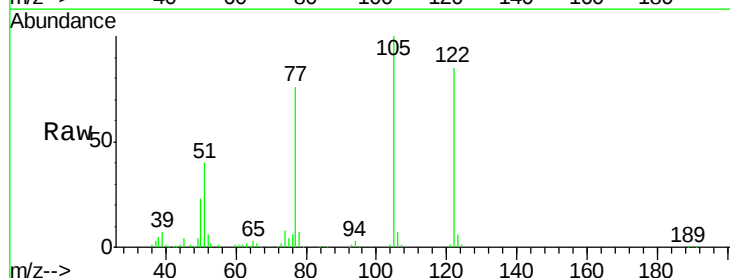
Tgt Ion:122 Resp: 395358

Ion Ratio Lower Upper

122 100

105 118.1 106.7 146.7

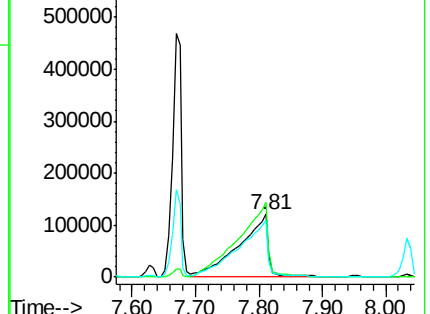
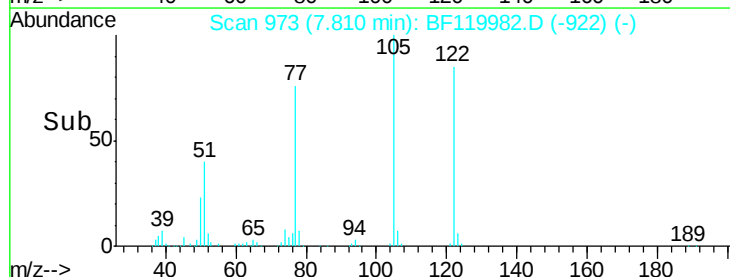
77 89.7 72.1 112.1



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

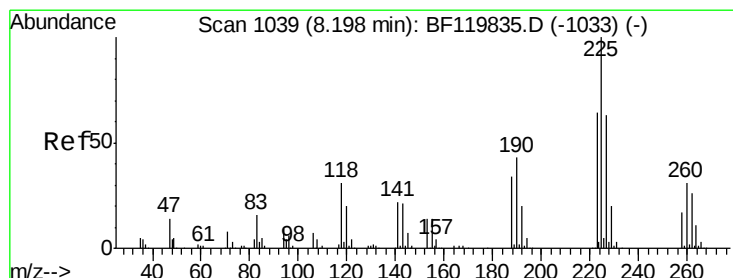
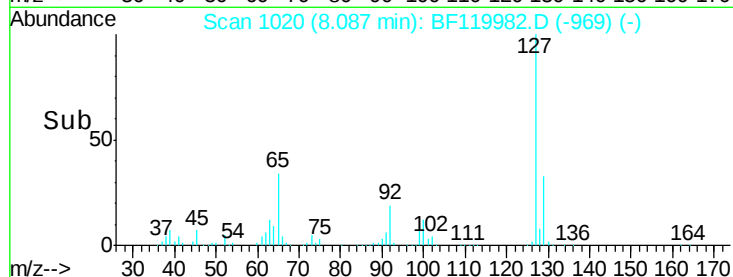
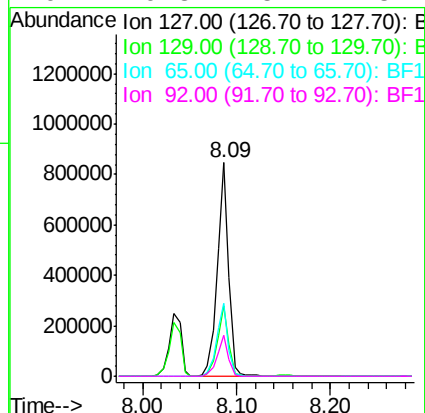
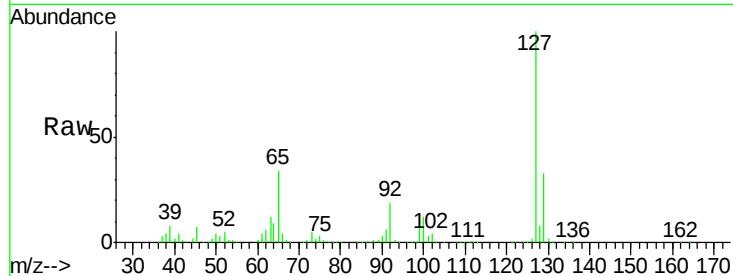




#33
4-Chloroaniline
Concen: 37.025 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF119982.D
Acq: 15 Apr 2020 10:04

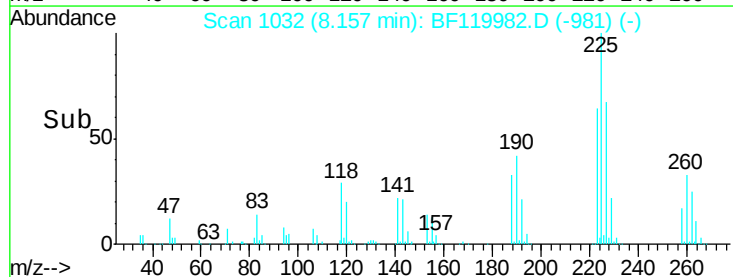
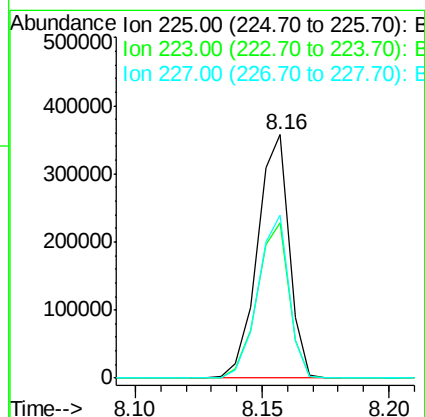
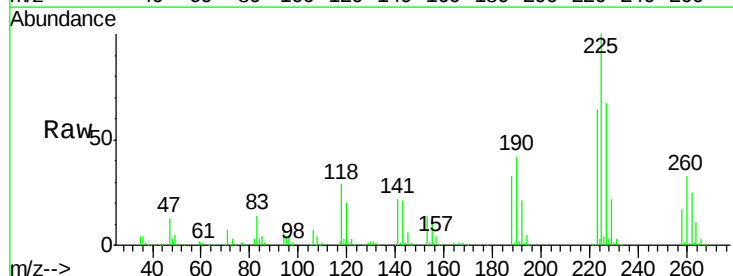
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	723161
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.2
65	34.2	28.3	42.5
92	19.3	15.4	23.2



#34
Hexachlorobutadiene
Concen: 35.965 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF119982.D
Acq: 15 Apr 2020 10:04

Tgt Ion:	225	Resp:	312402
Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.0	76.6
227	67.1	50.4	75.6

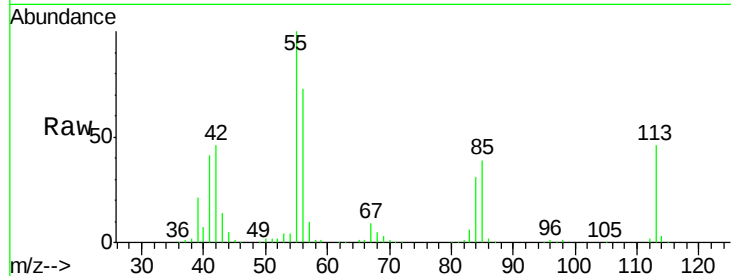




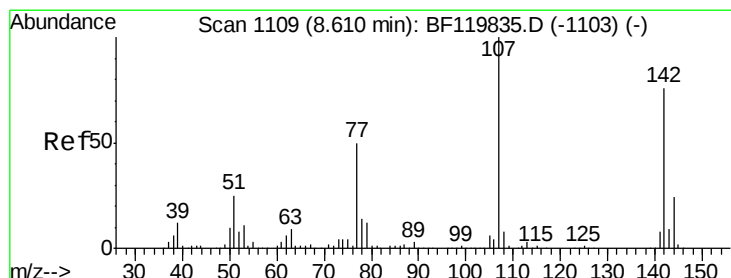
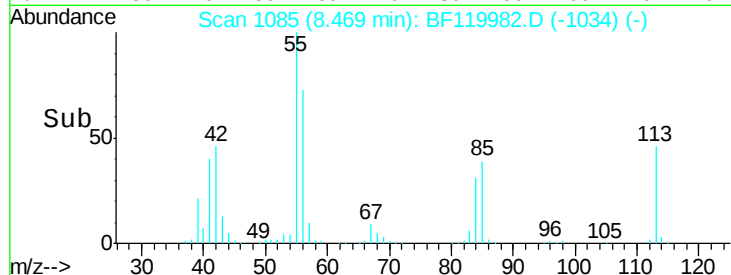
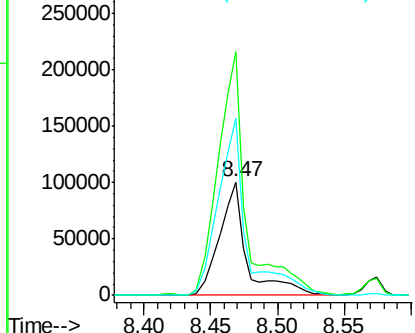
#35
 Caprolactam
 Concen: 37.023 ng
 RT: 8.47 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: BF119982.D
 Acq: 15 Apr 2020 10:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 145039
 Ion Ratio Lower Upper
 113 100
 55 215.1 192.7 232.7
 56 156.2 133.3 173.3

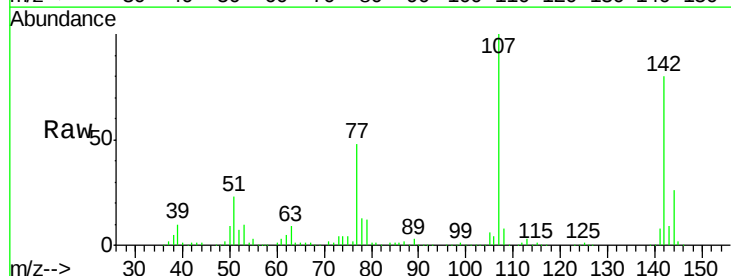


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

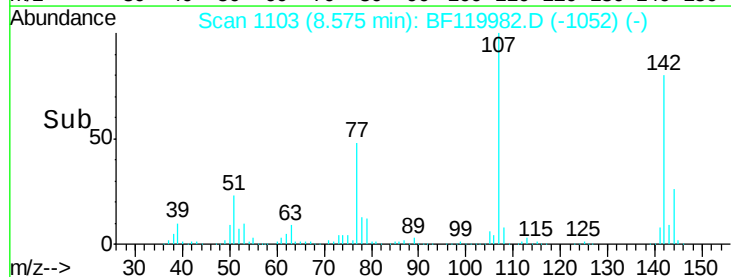
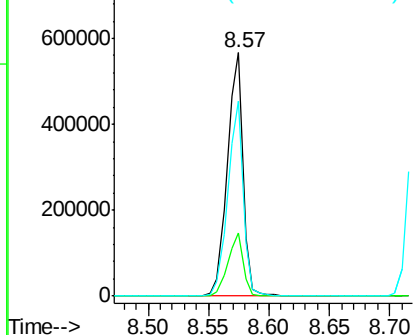


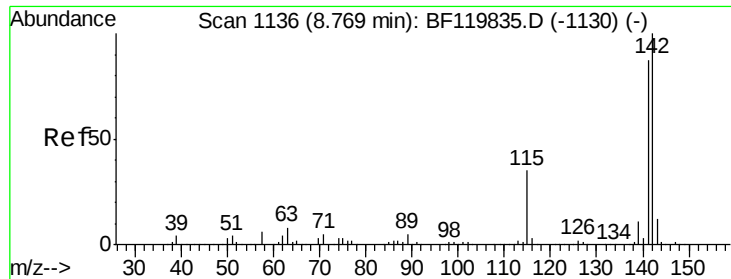
#36
 4-Chloro-3-methylphenol
 Concen: 36.904 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: BF119982.D
 Acq: 15 Apr 2020 10:04

Tgt Ion:107 Resp: 511690
 Ion Ratio Lower Upper
 107 100
 144 25.7 19.5 29.3
 142 79.9 60.5 90.7



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

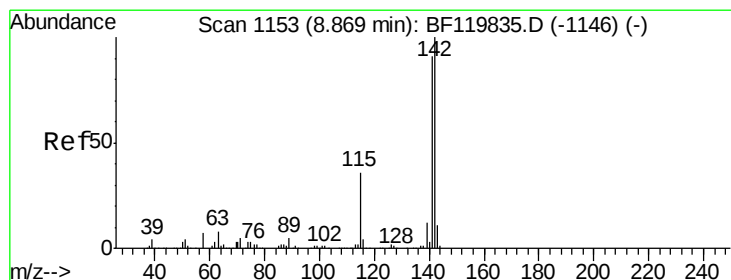
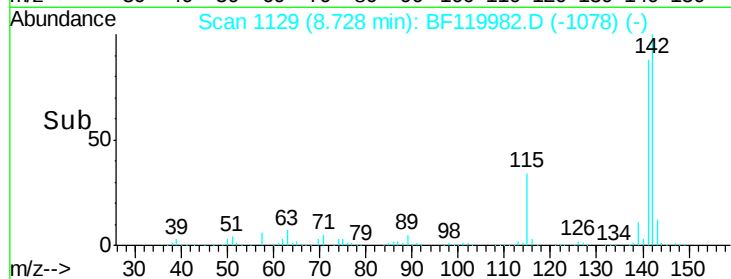
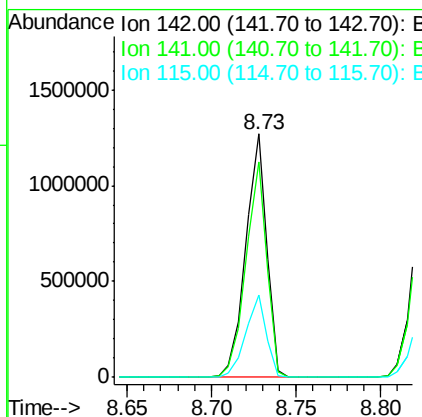
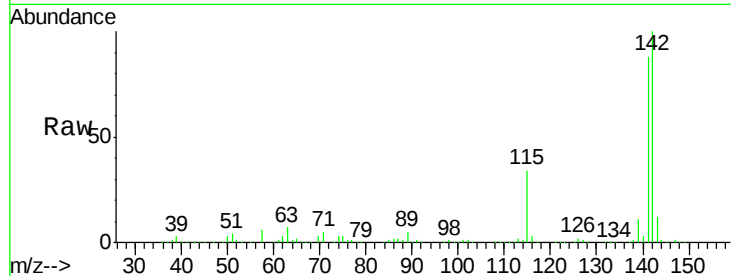




#37
2-Methylnaphthalene
Concen: 36.405 ng
RT: 8.73 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BF119982.D
Acq: 15 Apr 2020 10:04

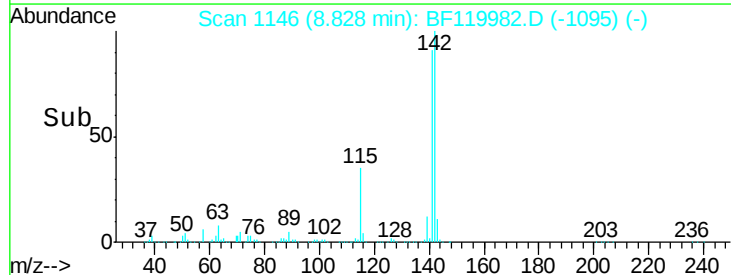
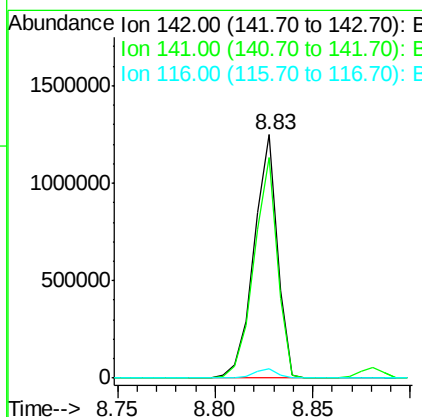
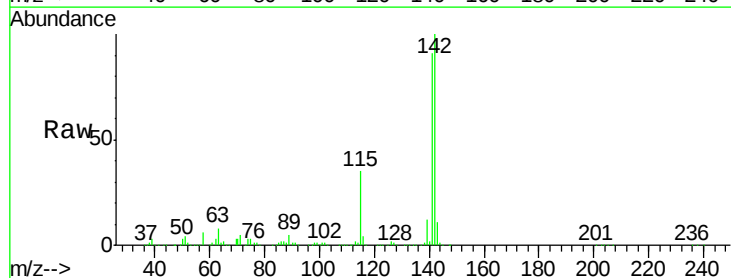
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

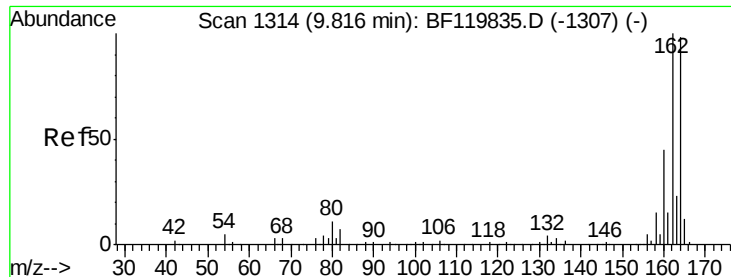
Tot Ion:142 Resp: 1107321
Ion Ratio Lower Upper
142 100
141 88.3 69.9 104.9
115 34.0 28.0 42.0



#38
1-Methylnaphthalene
Concen: 36.306 ng
RT: 8.83 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF119982.D
Acq: 15 Apr 2020 10:04

Tgt Ion:142 Resp: 1040872
Ion Ratio Lower Upper
142 100
141 90.8 72.9 109.3
116 3.7 3.0 4.6

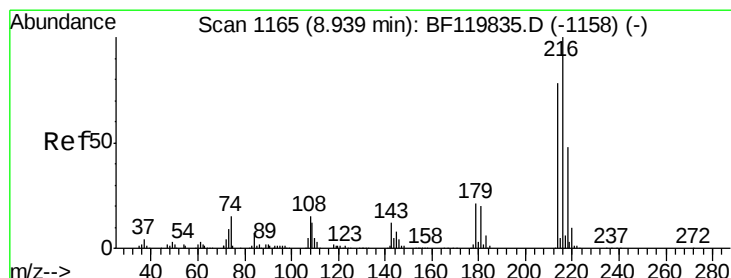
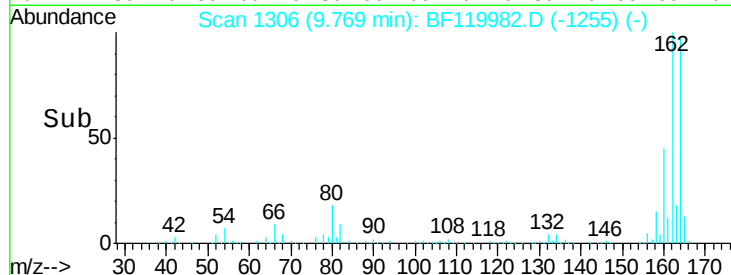
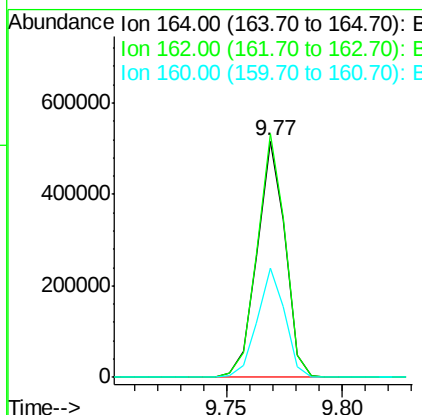
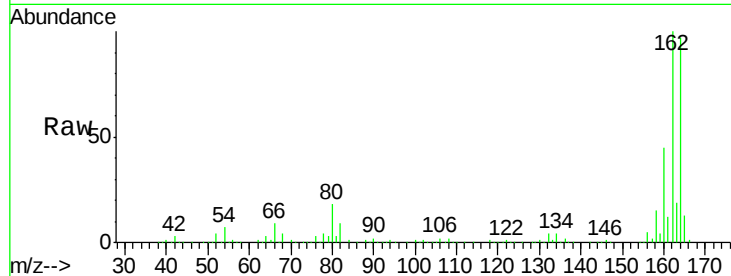




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF119982.D
Acq: 15 Apr 2020 10:04

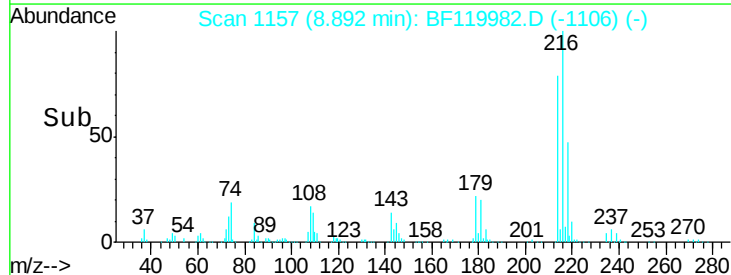
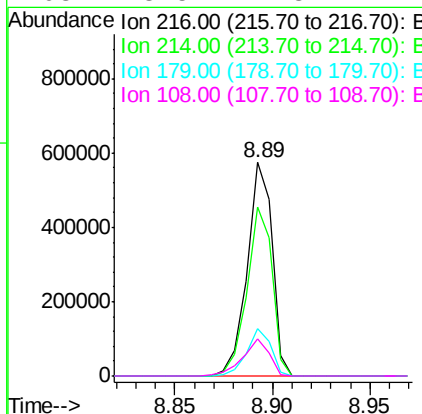
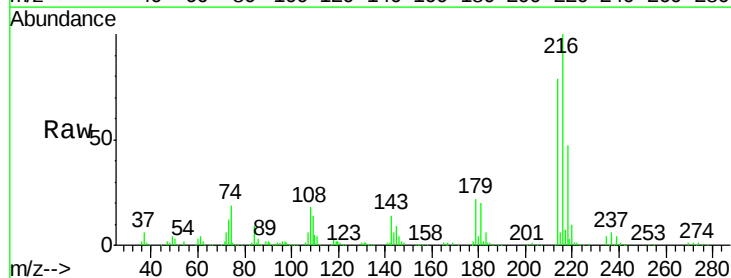
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:164 Resp: 436809
Ion Ratio Lower Upper
164 100
162 103.2 81.9 122.9
160 46.1 36.6 54.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.062 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF119982.D
Acq: 15 Apr 2020 10:04

Tgt Ion:216 Resp: 511322
Ion Ratio Lower Upper
216 100
214 79.6 63.1 94.7
179 21.2 17.0 25.4
108 18.5 14.8 22.2





#41

Hexachlorocyclopentadiene

Concen: 45.980 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

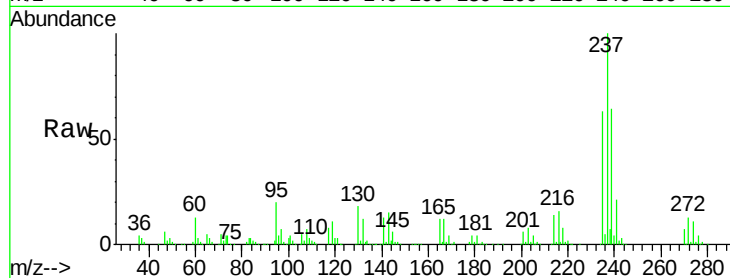
Tot Ion:237 Resp: 360715

Ion Ratio Lower Upper

237 100

235 62.8 44.9 84.9

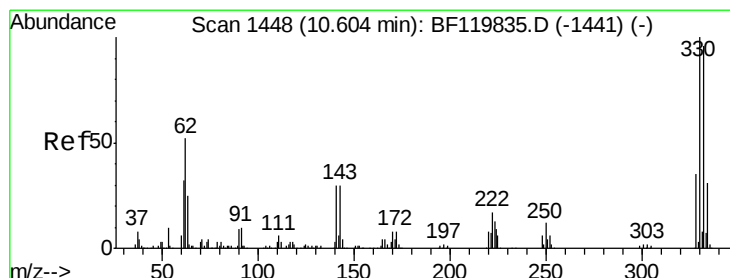
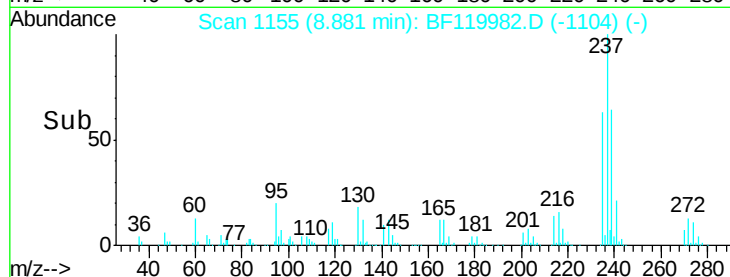
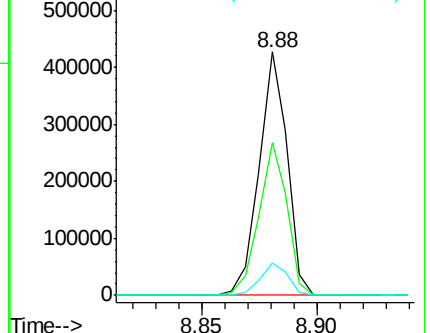
272 13.2 0.0 33.6



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: 67.927 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

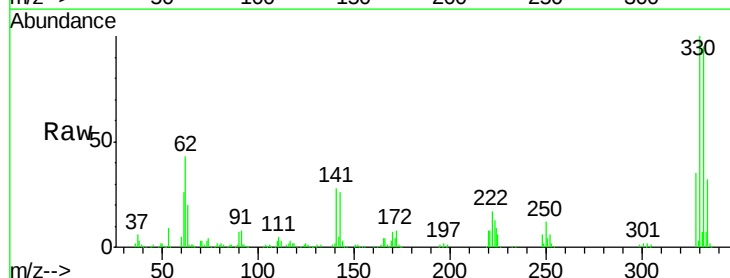
Tgt Ion:330 Resp: 363273

Ion Ratio Lower Upper

330 100

332 94.8 76.8 115.2

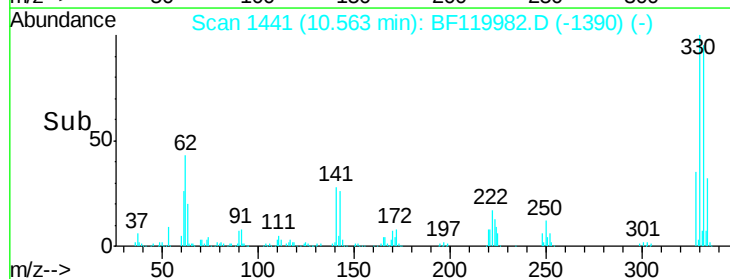
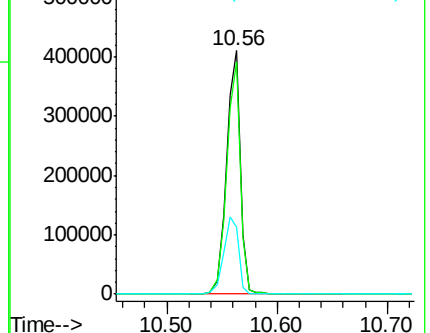
141 33.9 25.1 37.7

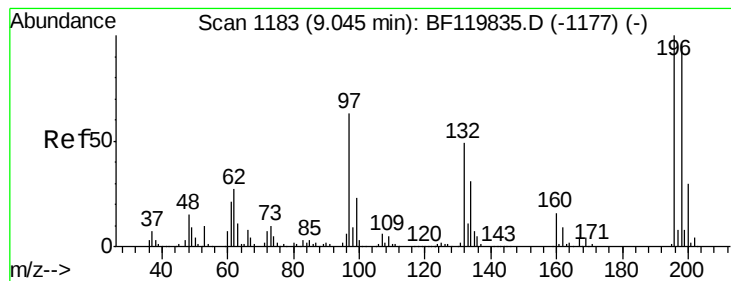


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 37.800 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

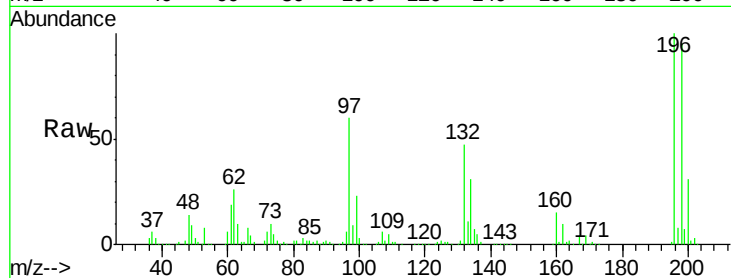
Tot Ion:196 Resp: 360118

Ion Ratio Lower Upper

196 100

198 94.9 76.6 115.0

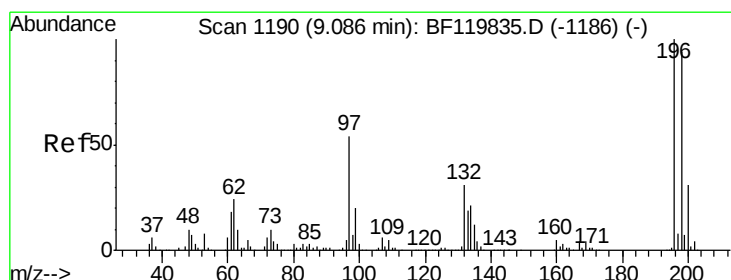
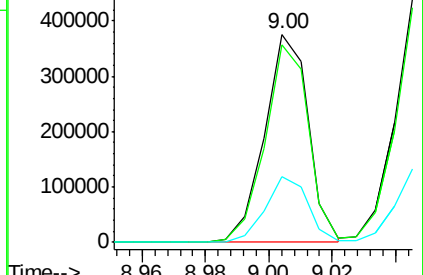
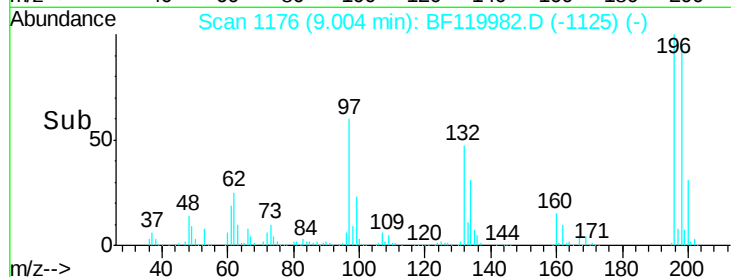
200 31.3 24.2 36.2



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: 37.708 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

Tgt Ion:196 Resp: 404617

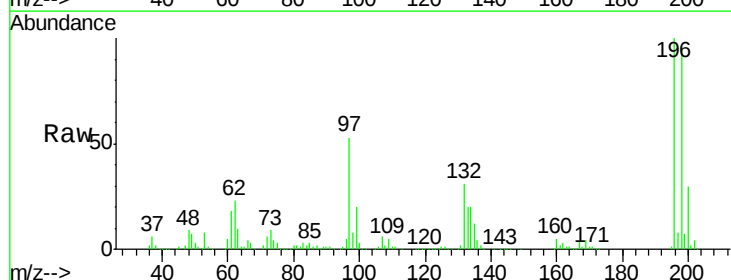
Ion Ratio Lower Upper

196 100

198 96.4 75.1 112.7

97 53.5 43.4 65.2

132 31.3 24.5 36.7

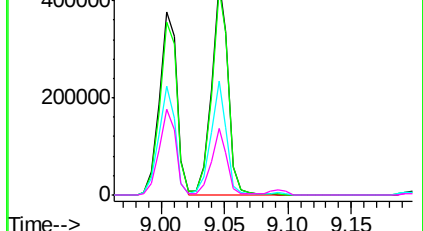
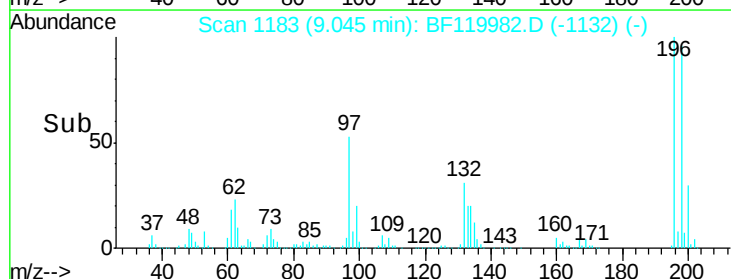


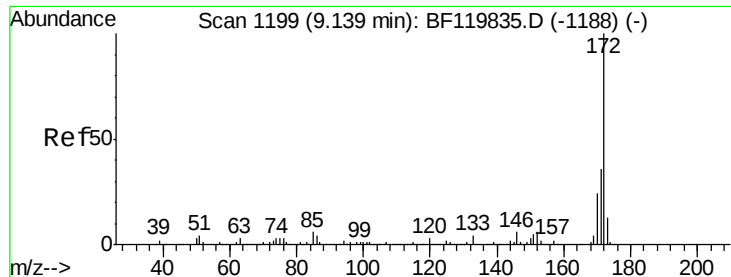
Abundance Ion 196.00 (195.70 to 196.70): E

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

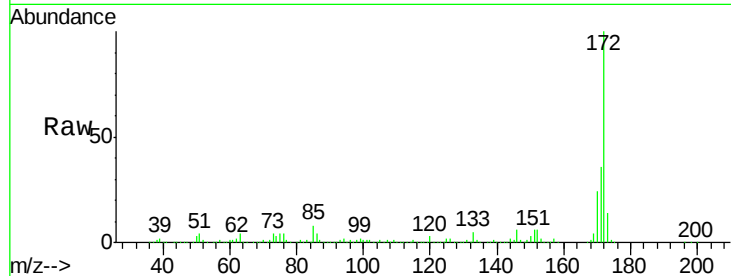




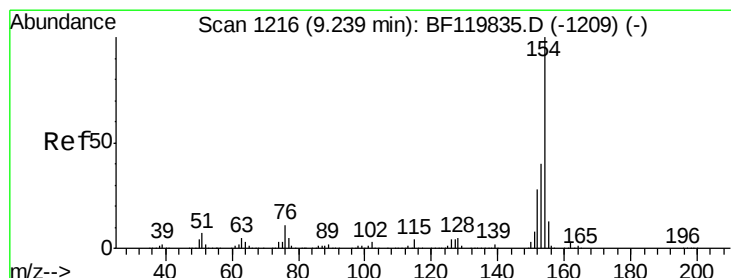
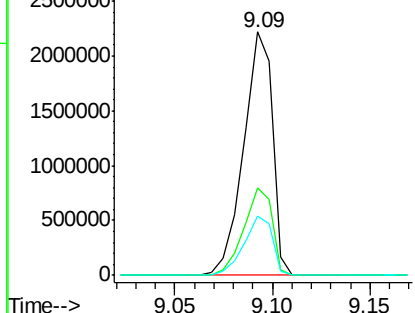
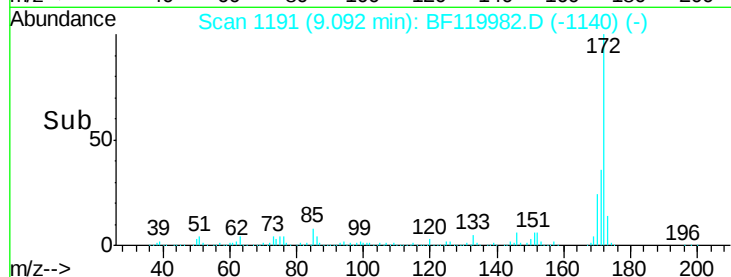
#45
 2-Fluorobiphenyl
 Concen: 73.805 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF119982.D
 Acq: 15 Apr 2020 10:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:172 Resp: 2270672
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.9 43.3
 170 24.4 19.4 29.2

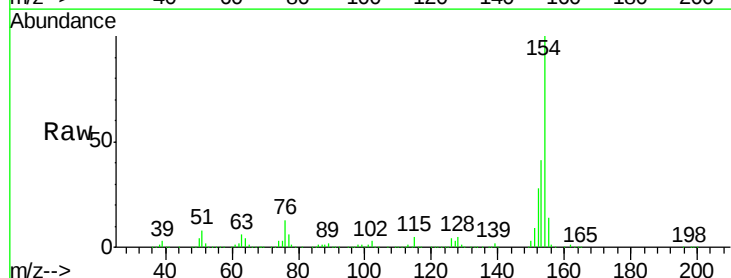


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

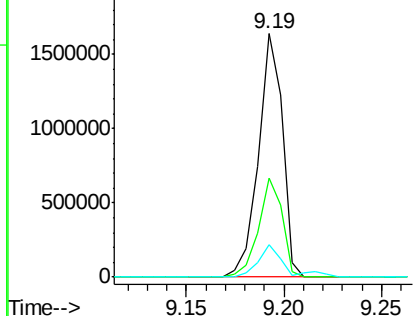
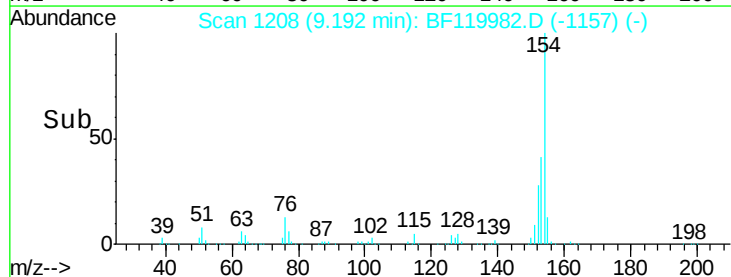


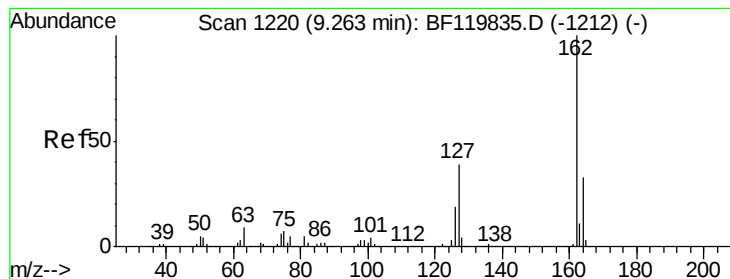
#46
 1,1'-Biphenyl
 Concen: 37.866 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF119982.D
 Acq: 15 Apr 2020 10:04

Tgt Ion:154 Resp: 1396100
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.5 60.5
 76 13.4 0.0 30.6



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: 37.738 ng

RT: 9.22 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

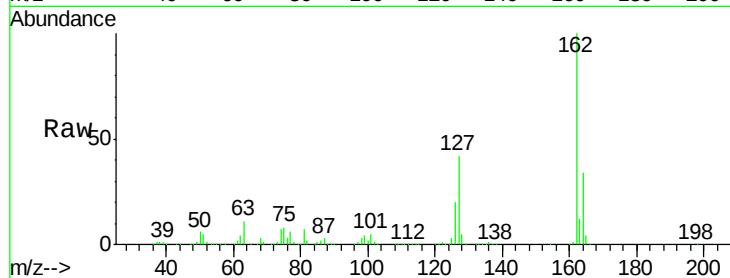
Tot Ion:162 Resp: 1071836

Ion Ratio Lower Upper

162 100

127 42.5 31.2 46.8

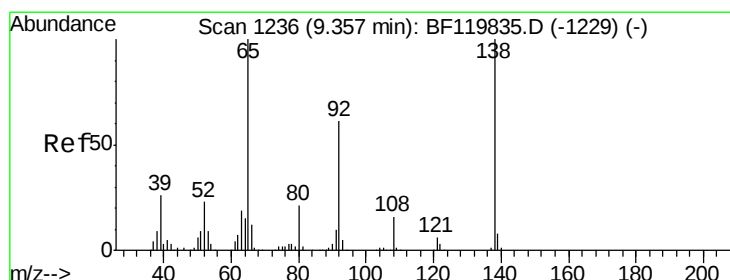
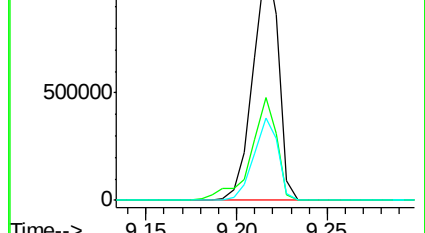
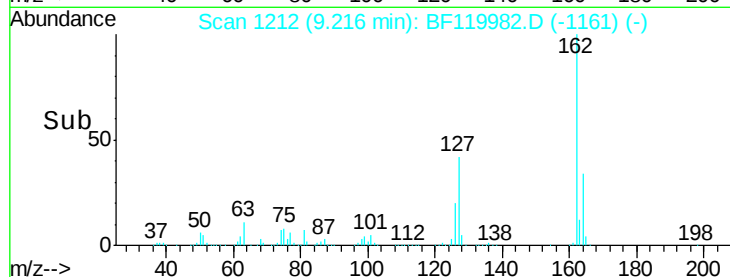
164 33.8 26.3 39.5



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: 37.165 ng

RT: 9.32 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

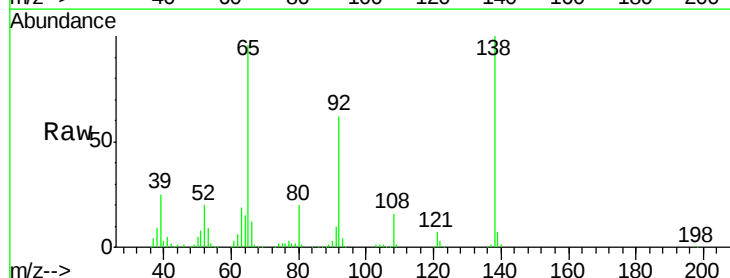
Tgt Ion: 65 Resp: 382517

Ion Ratio Lower Upper

65 100

92 64.6 49.0 73.6

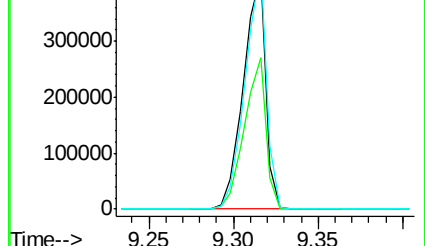
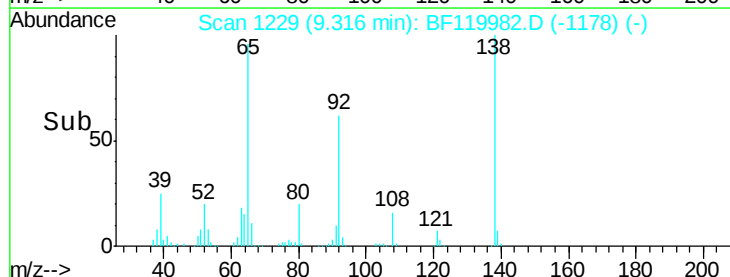
138 103.6 79.7 119.5

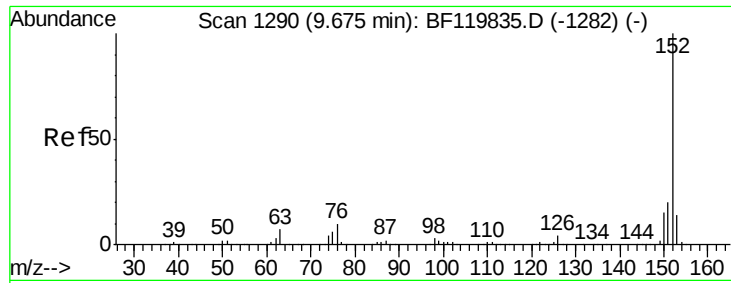


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.997 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

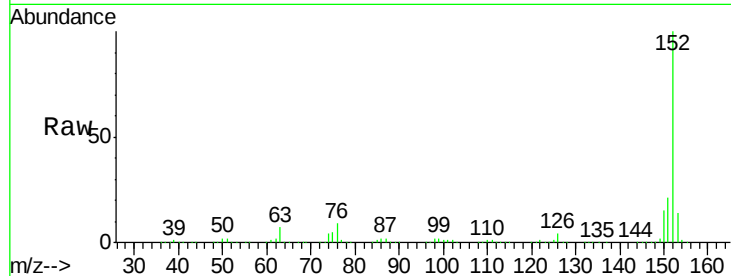
Tot Ion:152 Resp: 1641261

Ion Ratio Lower Upper

152 100

151 20.7 16.2 24.4

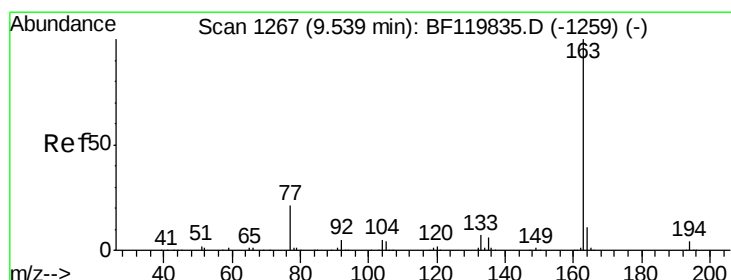
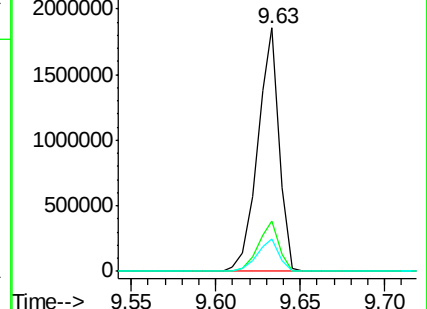
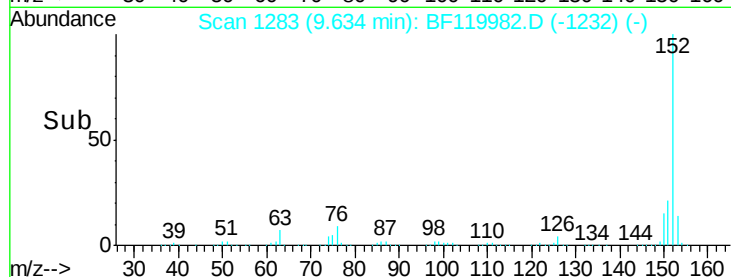
153 13.5 10.9 16.3



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: 36.979 ng

RT: 9.50 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

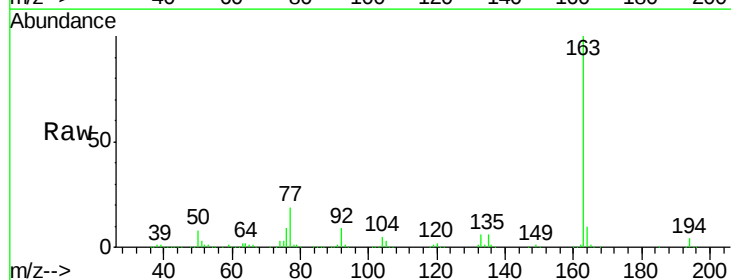
Tgt Ion:163 Resp: 1249381

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

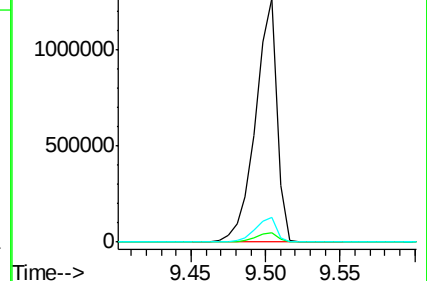
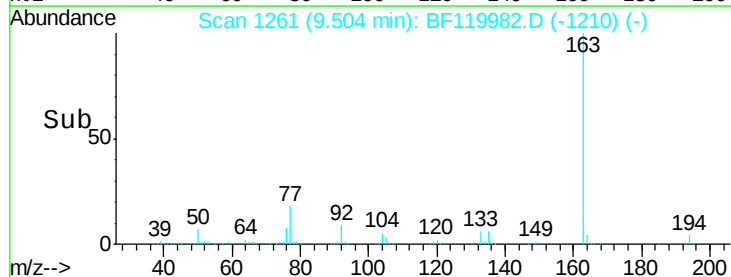
164 10.1 8.4 12.6

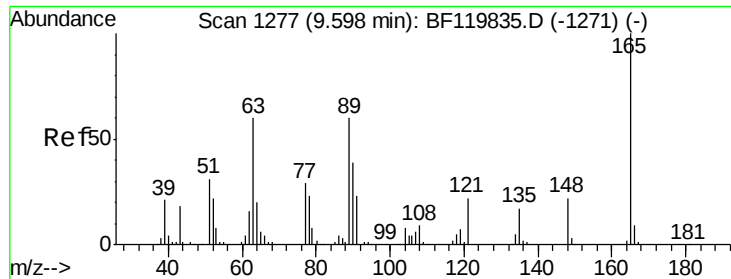


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

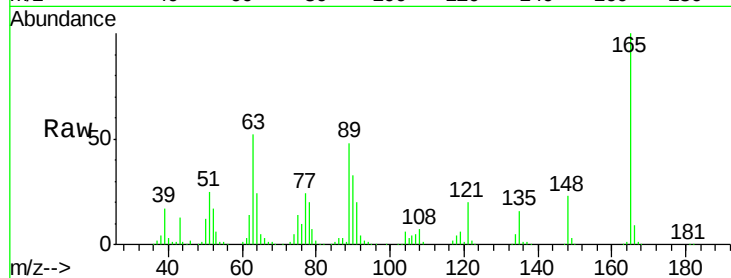




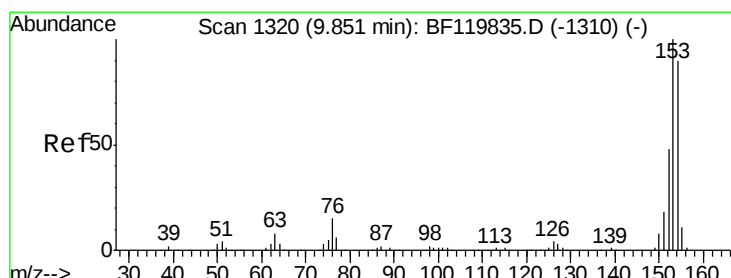
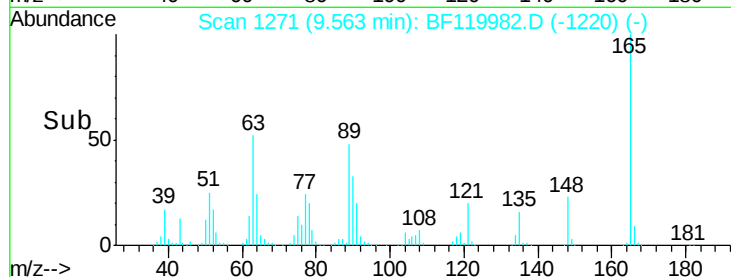
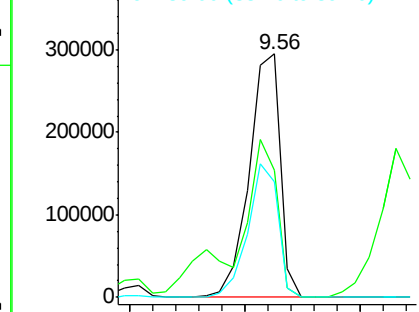
#51
 2,6-Dinitrotoluene
 Concen: 37.576 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: BF119982.D
 Acq: 15 Apr 2020 10:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:165 Resp: 278014
 Ion Ratio Lower Upper
 165 100
 63 52.3 55.6 83.4#
 89 47.6 47.9 71.9#

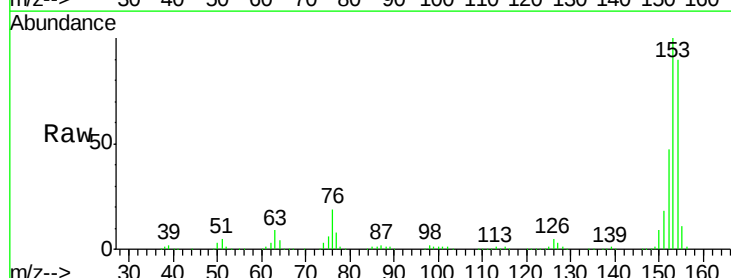


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

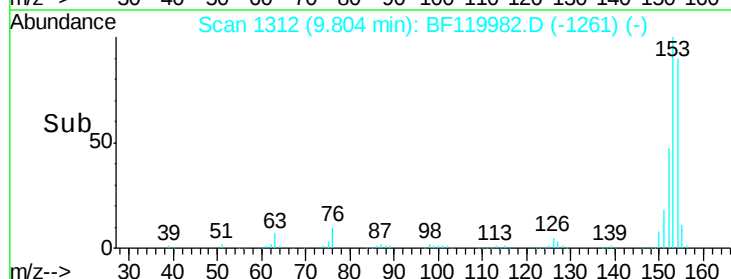
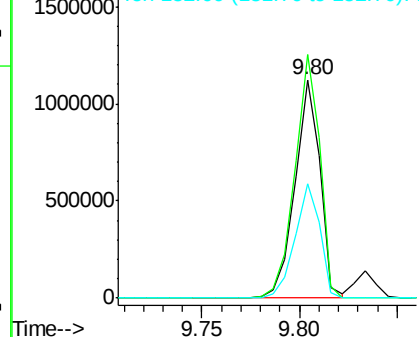


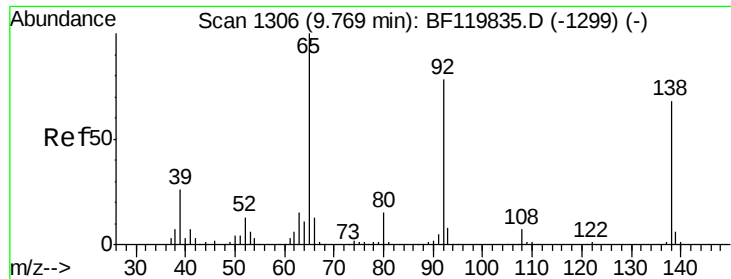
#52
 Acenaphthene
 Concen: 34.418 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: BF119982.D
 Acq: 15 Apr 2020 10:04

Tgt Ion:154 Resp: 991687
 Ion Ratio Lower Upper
 154 100
 153 111.5 88.8 133.2
 152 52.6 42.4 63.6



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

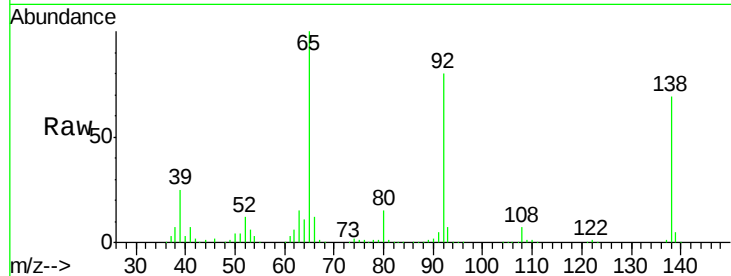




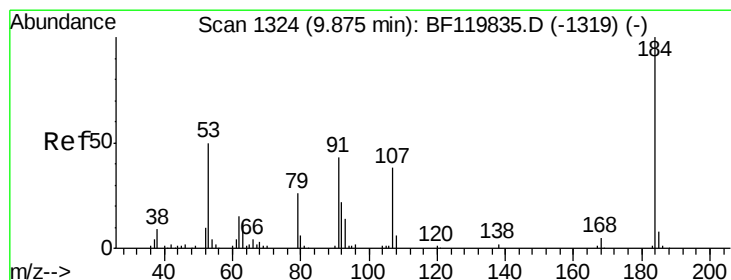
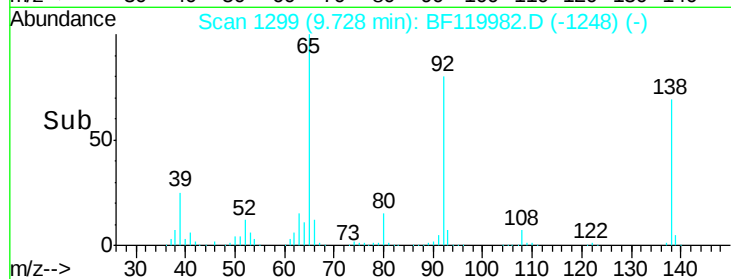
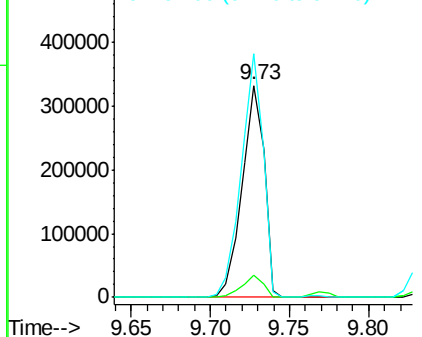
#53
3-Nitroaniline
Concen: 37.959 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF119982.D
Acq: 15 Apr 2020 10:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 320750
Ion Ratio Lower Upper
138 100
108 10.2 8.0 12.0
92 114.9 92.1 138.1

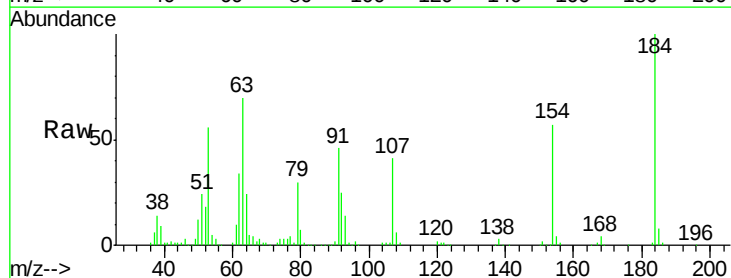


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

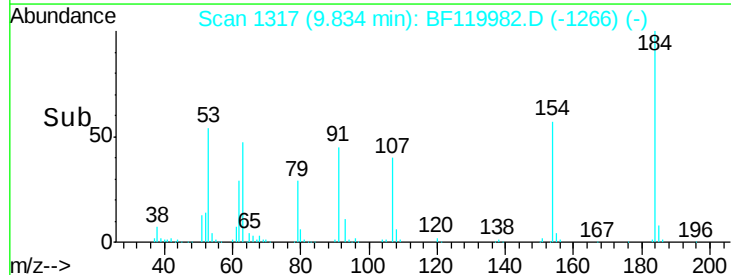
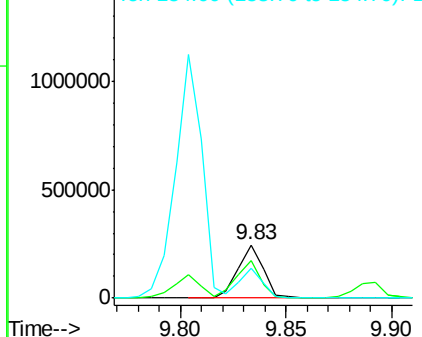


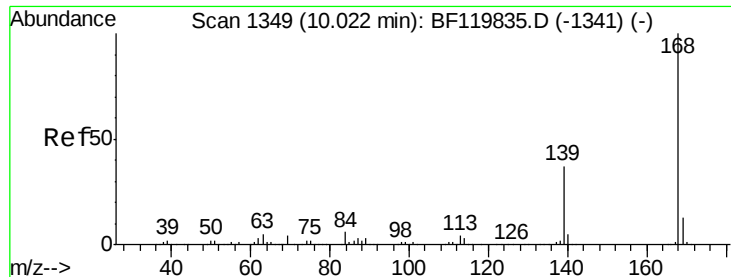
#54
2,4-Dinitrophenol
Concen: 46.236 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF119982.D
Acq: 15 Apr 2020 10:04

Tgt Ion:184 Resp: 204806
Ion Ratio Lower Upper
184 100
63 70.4 49.8 74.6
154 56.8 46.5 69.7



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

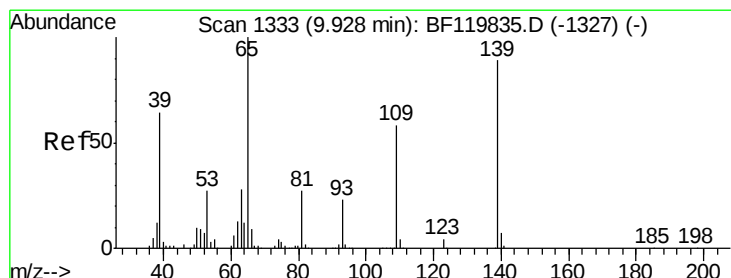
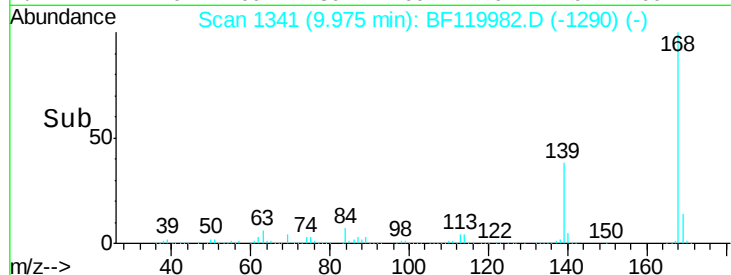
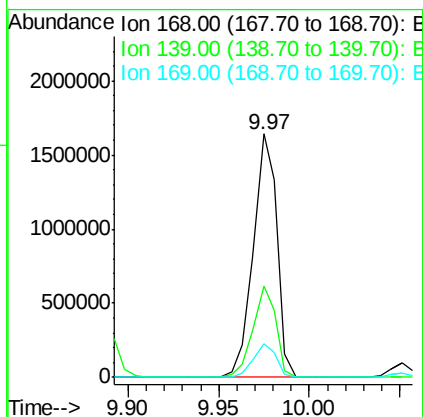
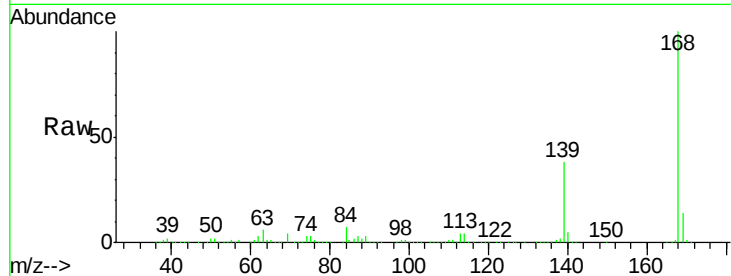




#55
Dibenzofuran
Concen: 37.567 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF119982.D
Acq: 15 Apr 2020 10:04

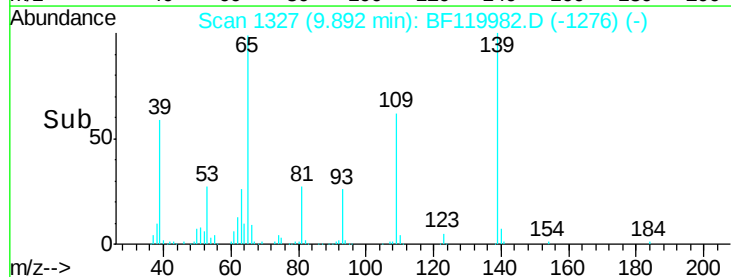
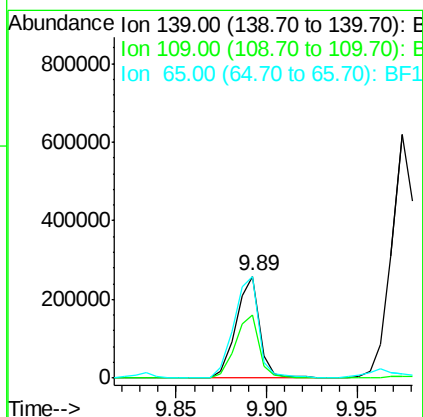
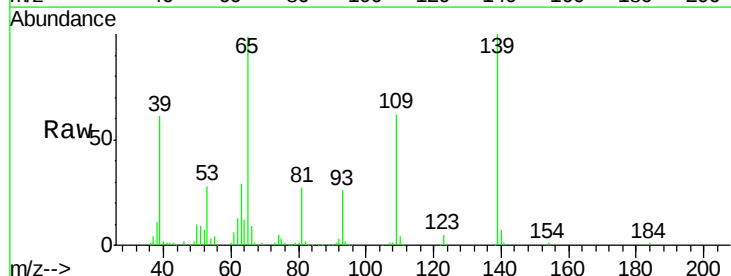
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

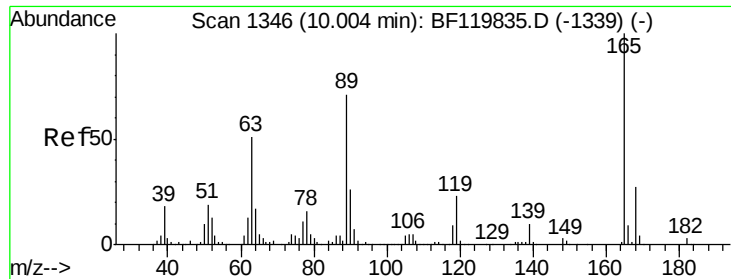
Tot Ion:168 Resp: 1485351
Ion Ratio Lower Upper
168 100
139 37.7 29.8 44.6
169 13.8 10.6 15.8



#56
4-Nitrophenol
Concen: 37.364 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF119982.D
Acq: 15 Apr 2020 10:04

Tgt Ion:139 Resp: 234915
Ion Ratio Lower Upper
139 100
109 62.1 45.5 85.5
65 99.5 92.3 132.3

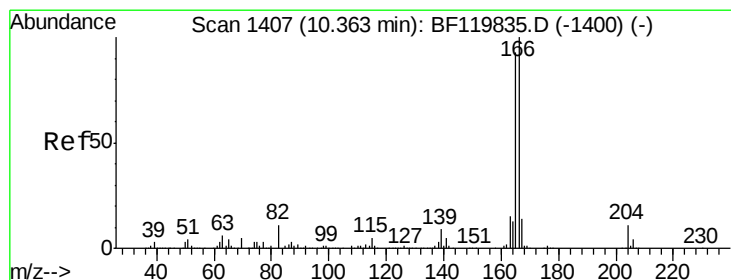
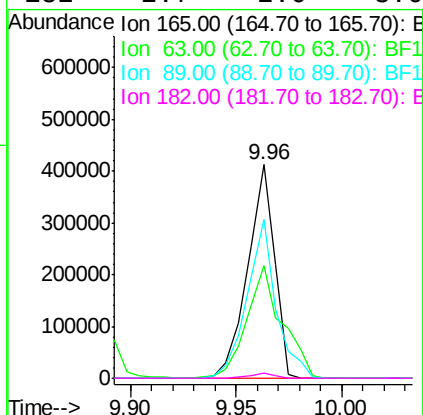
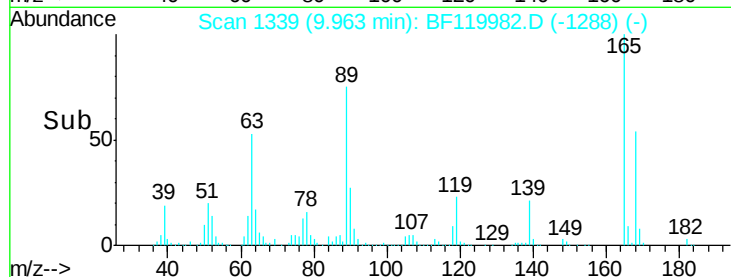
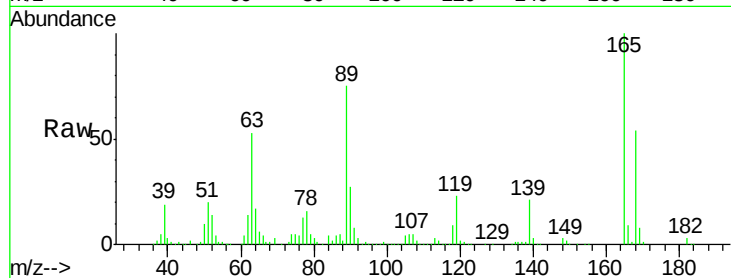




#57
 2,4-Dinitrotoluene
 Concen: 37.471 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF119982.D
 Acq: 15 Apr 2020 10:04

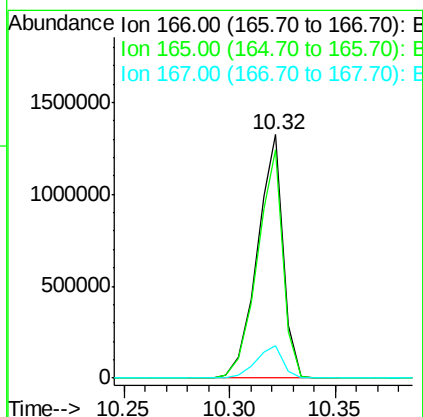
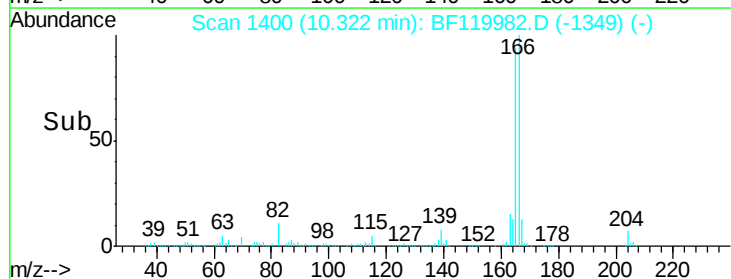
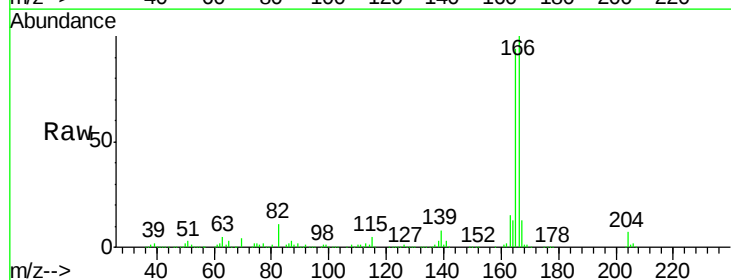
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

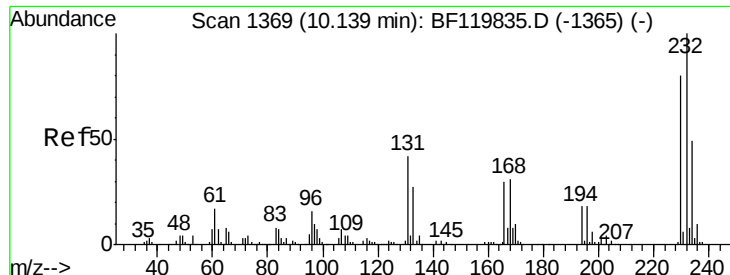
Tot Ion:165	Resp:	365261
Ion	Ratio	Lower Upper
165	100	
63	52.6	40.8 61.2
89	74.6	56.9 85.3
182	2.7	2.0 3.0



#58
 Fluorene
 Concen: 35.462 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF119982.D
 Acq: 15 Apr 2020 10:04

Tgt Ion:166	Resp:	1121352
Ion	Ratio	Lower Upper
166	100	
165	93.5	74.2 111.2
167	13.4	10.8 16.2

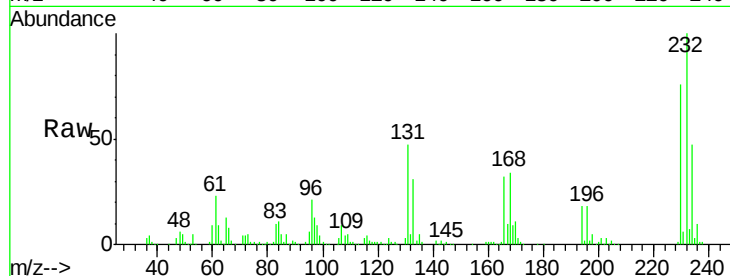




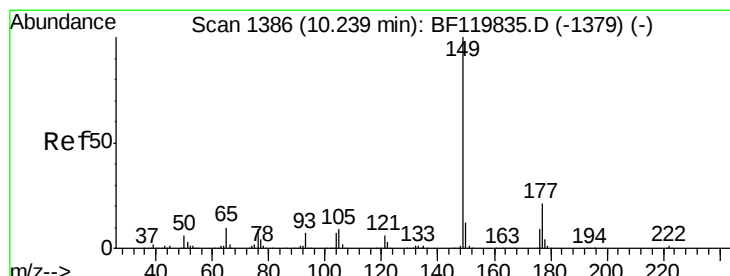
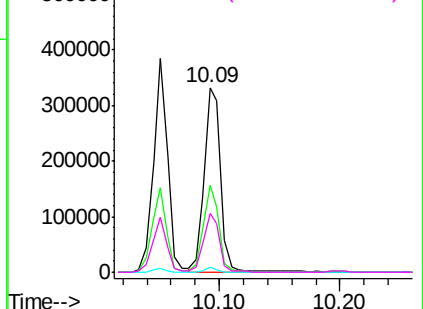
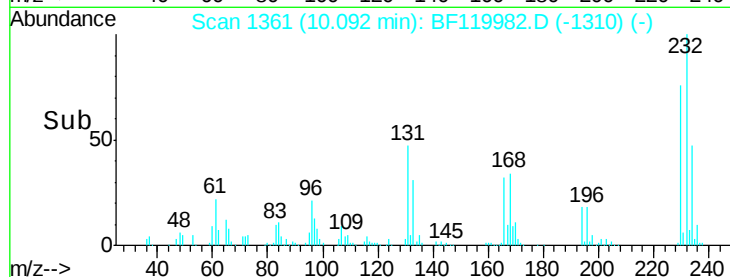
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.082 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF119982.D
Acq: 15 Apr 2020 10:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:232 Resp: 312523
Ion Ratio Lower Upper
232 100
131 44.5 37.9 56.9
130 2.2 1.8 2.6
166 30.3 25.4 38.0

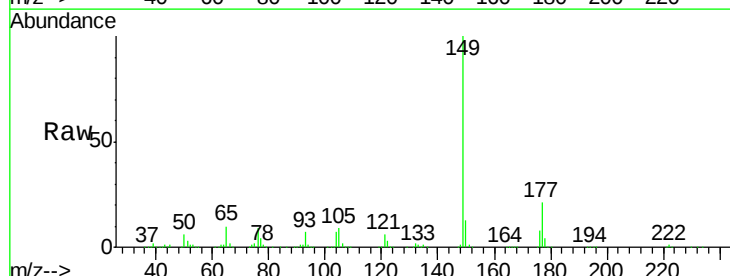


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

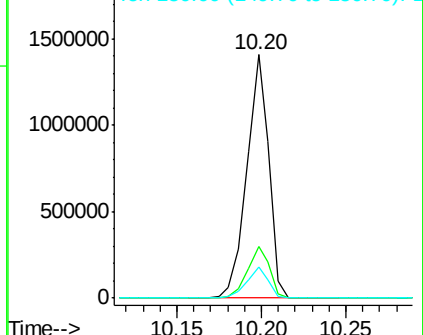
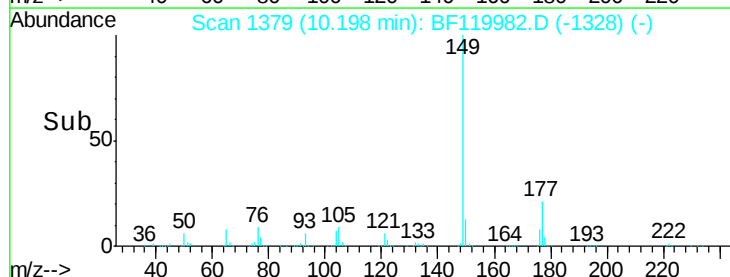


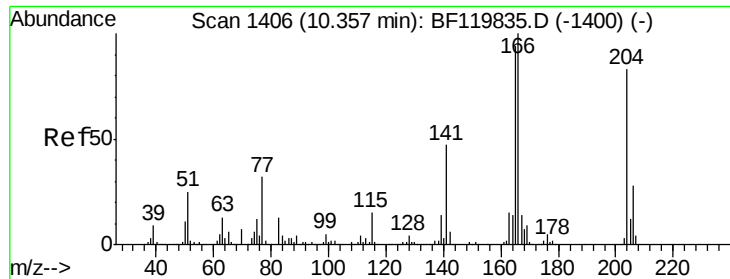
#60
Diethylphthalate
Concen: 36.533 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BF119982.D
Acq: 15 Apr 2020 10:04

Tgt Ion:149 Resp: 1279306
Ion Ratio Lower Upper
149 100
177 21.2 16.8 25.2
150 12.7 9.8 14.6



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: 35.172 ng

RT: 10.32 min Scan# 1399

Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

Instrument :

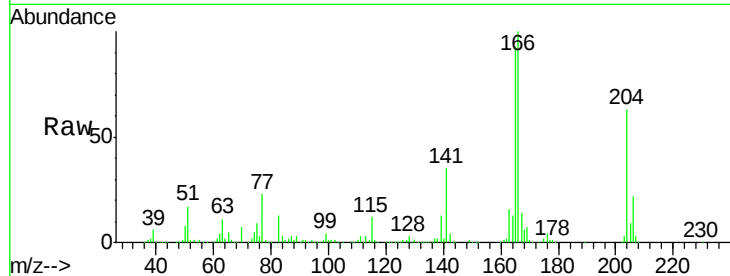
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:204 Resp: 570040

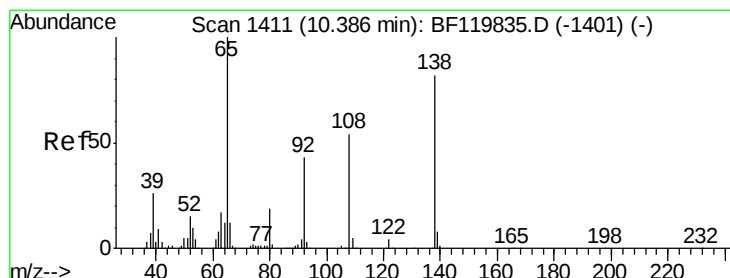
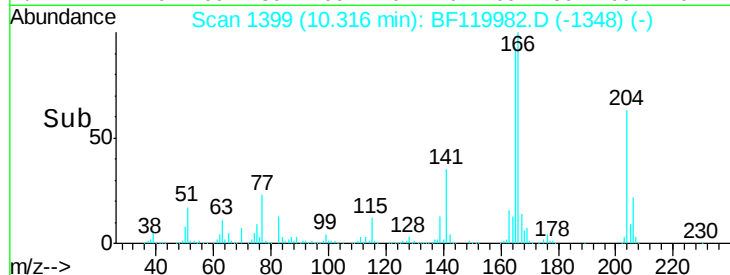
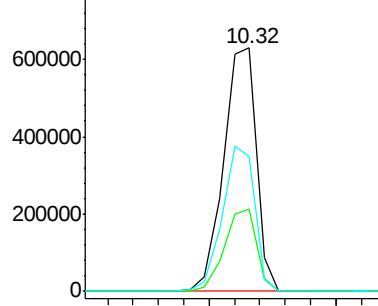
Ion	Ratio	Lower	Upper
204	100		
206	33.9	26.7	40.1
141	55.4	45.8	68.8



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: 39.390 ng

RT: 10.35 min Scan# 1404

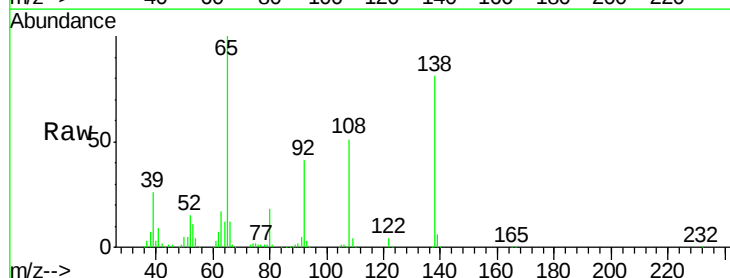
Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

Tgt Ion:138 Resp: 317201

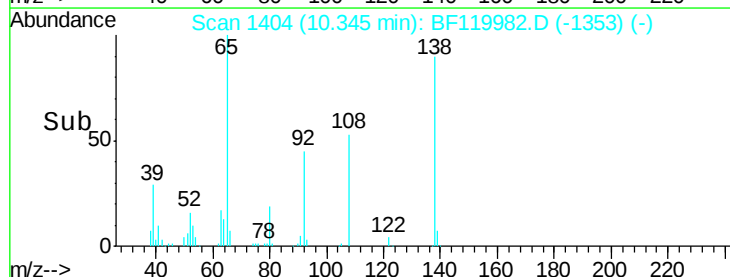
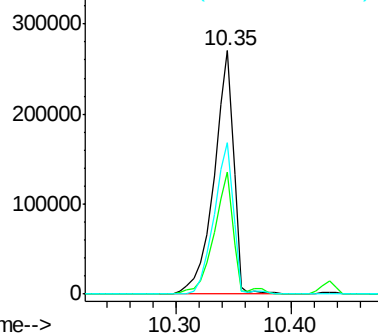
Ion	Ratio	Lower	Upper
138	100		
92	50.1	31.6	71.6
108	62.4	45.2	85.2

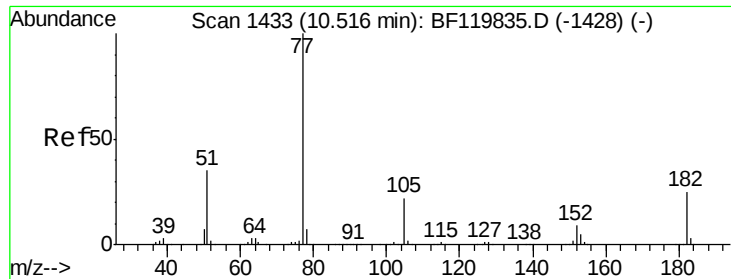


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 38.042 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1193852

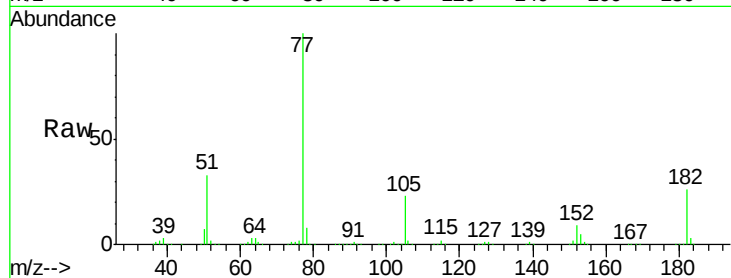
Ion Ratio Lower Upper

77 100

182 25.8 4.5 44.5

105 23.3 2.2 42.2

51 32.8 15.1 55.1

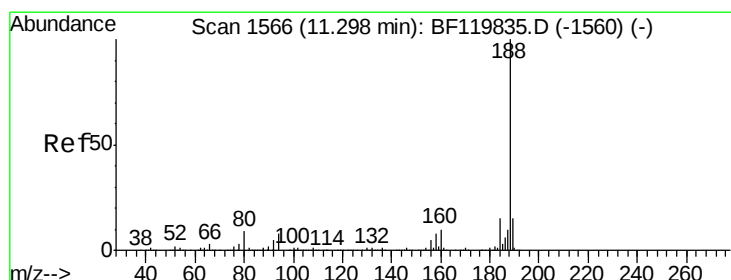
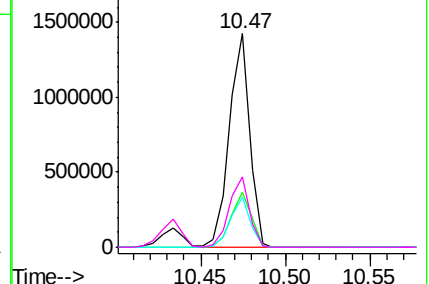
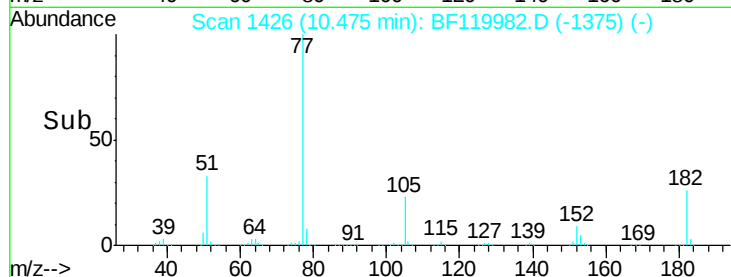


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

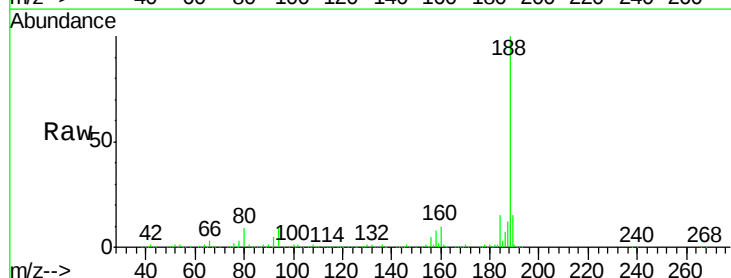
Tgt Ion: 188 Resp: 827615

Ion Ratio Lower Upper

188 100

94 8.5 6.7 10.1

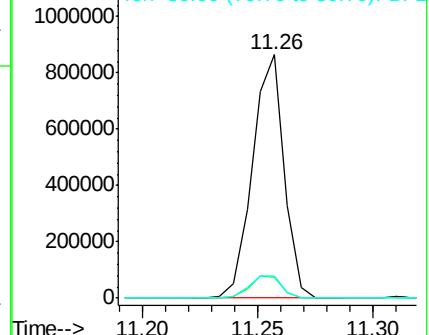
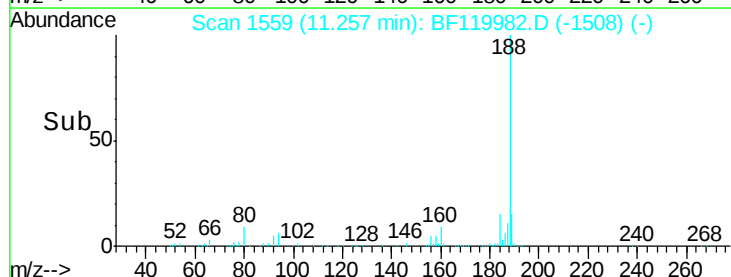
80 8.9 7.4 11.2

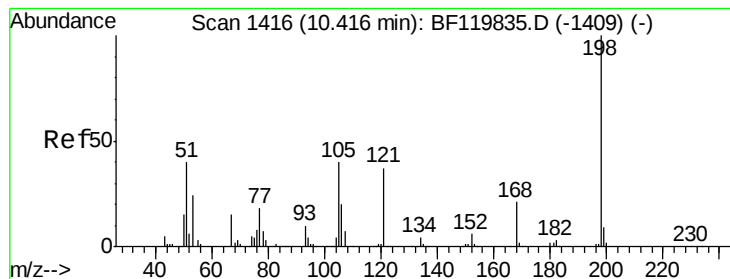


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 38.063 ng

RT: 10.37 min Scan# 1409

Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

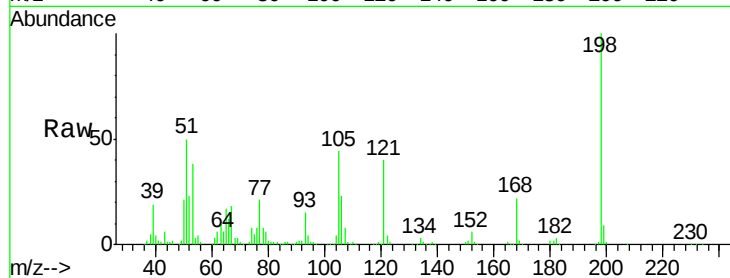
Tot Ion:198 Resp: 207537

Ion Ratio Lower Upper

198 100

51 50.0 25.2 65.2

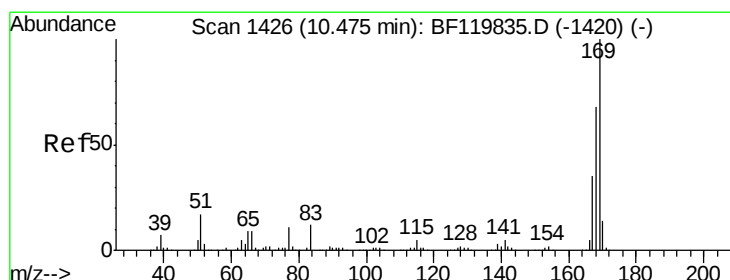
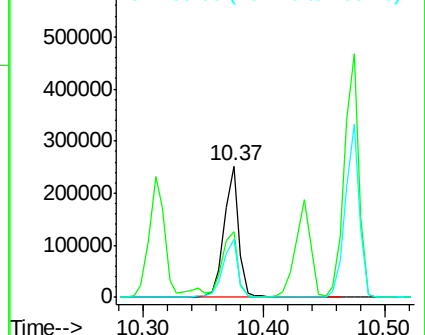
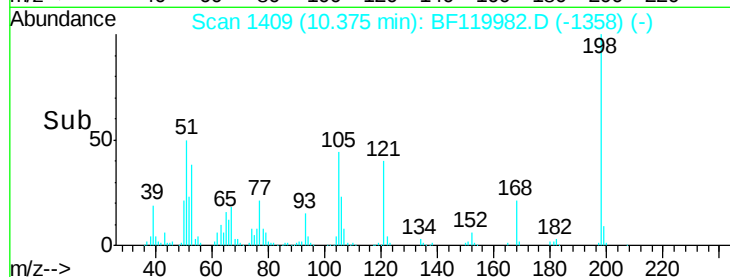
105 44.1 20.8 60.8



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: 37.761 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

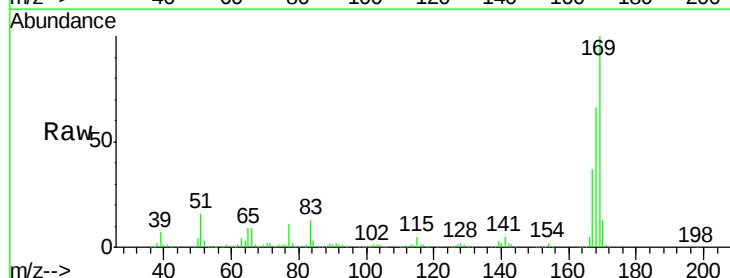
Tgt Ion:169 Resp: 1039351

Ion Ratio Lower Upper

169 100

168 66.4 54.2 81.4

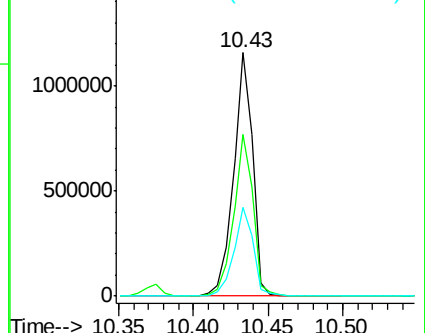
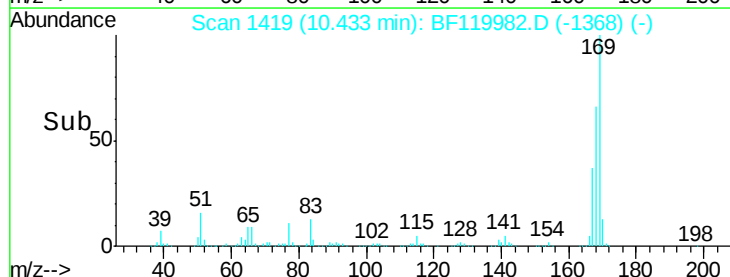
167 36.7 28.3 42.5



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

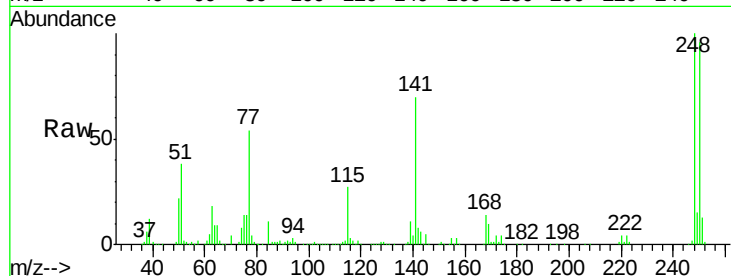




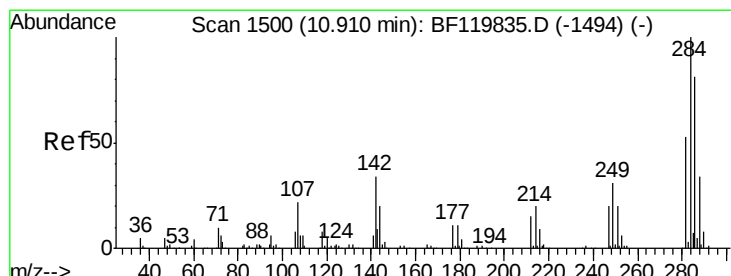
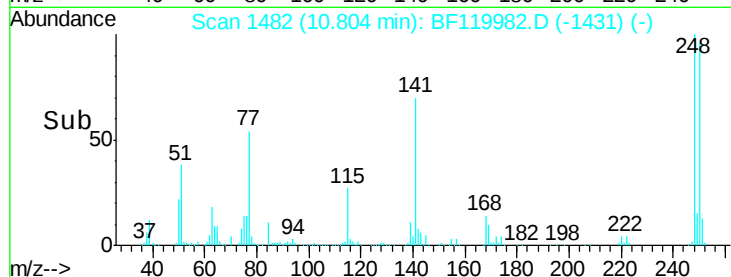
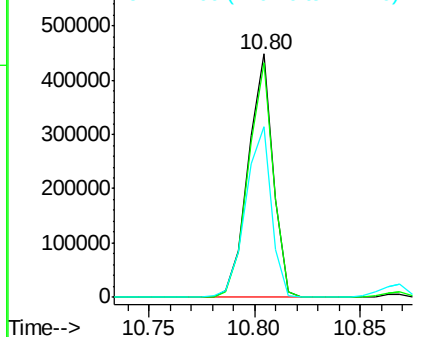
#67
4-Bromophenyl-phenylether
Concen: 35.569 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BF119982.D
Acq: 15 Apr 2020 10:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 366090
Ion Ratio Lower Upper
248 100
250 96.4 76.6 114.8
141 69.9 55.9 83.9

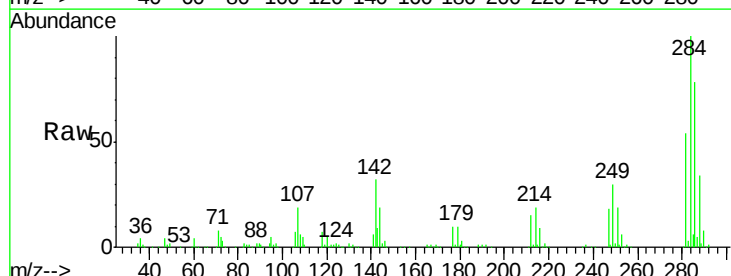


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

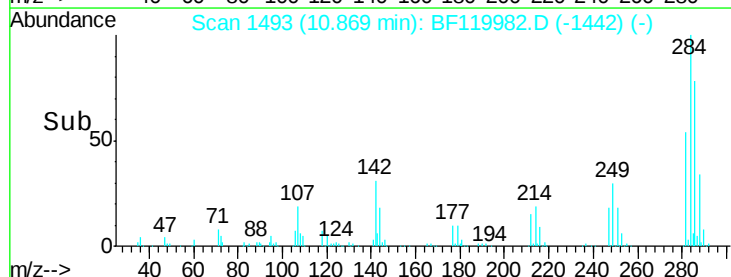
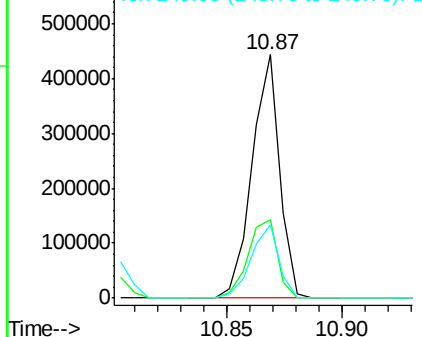


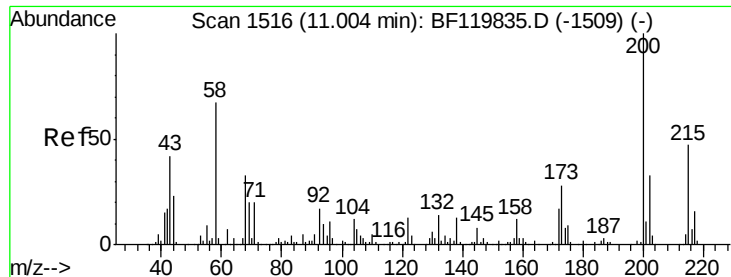
#68
Hexachlorobenzene
Concen: 35.475 ng
RT: 10.87 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BF119982.D
Acq: 15 Apr 2020 10:04

Tgt Ion:284 Resp: 370394
Ion Ratio Lower Upper
284 100
142 32.0 26.9 40.3
249 30.3 24.6 37.0



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: 35.201 ng

RT: 10.96 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

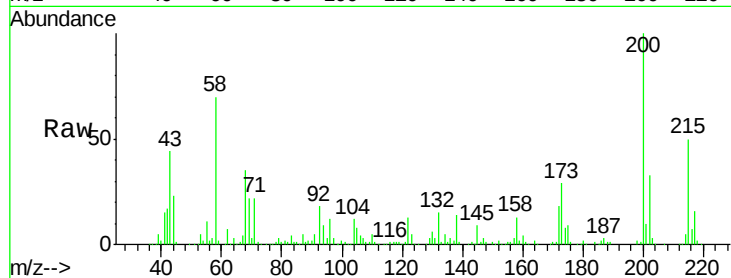
Tot Ion:200 Resp: 269575

Ion Ratio Lower Upper

200 100

173 29.3 8.0 48.0

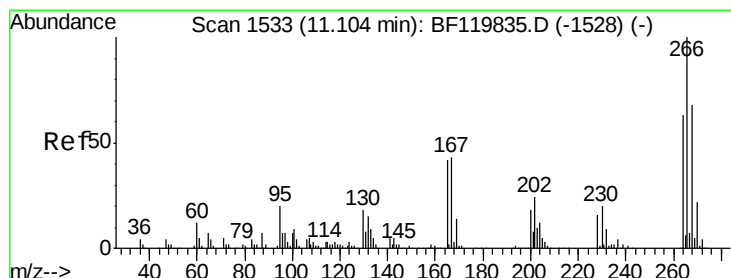
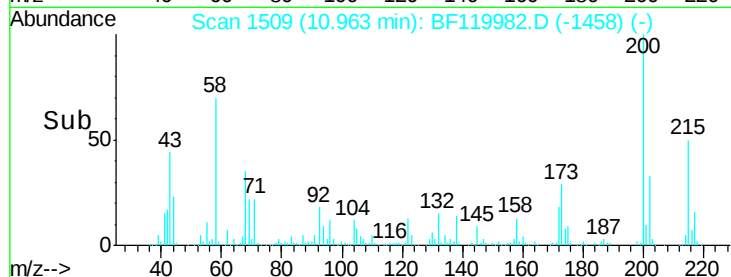
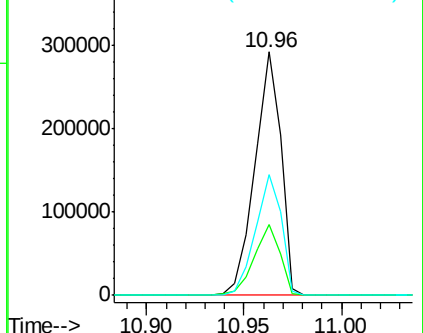
215 49.6 27.1 67.1



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: 35.812 ng

RT: 11.06 min Scan# 1526

Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

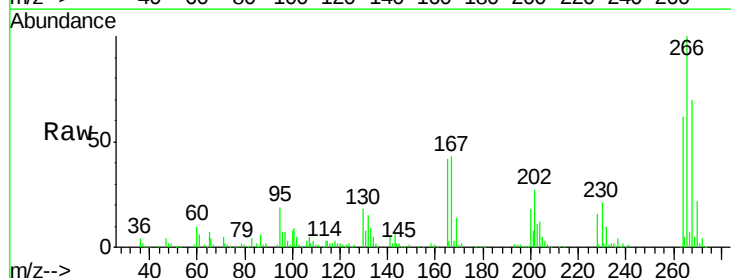
Tgt Ion:266 Resp: 215482

Ion Ratio Lower Upper

266 100

268 70.2 54.2 81.4

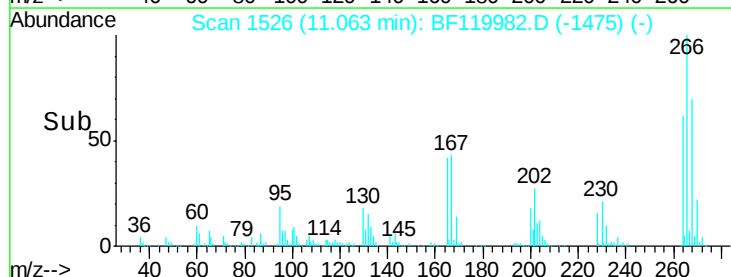
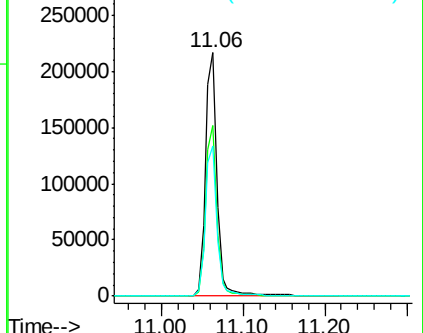
264 61.8 50.6 76.0

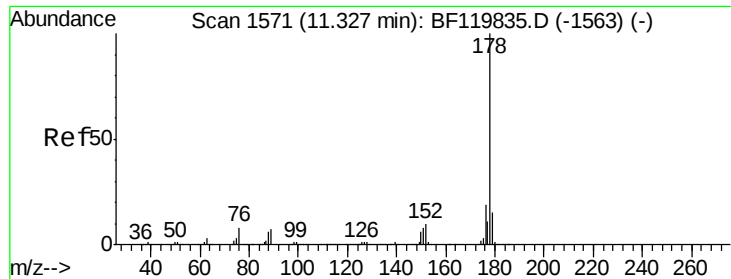


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.128 ng

RT: 11.28 min Scan# 1563

Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

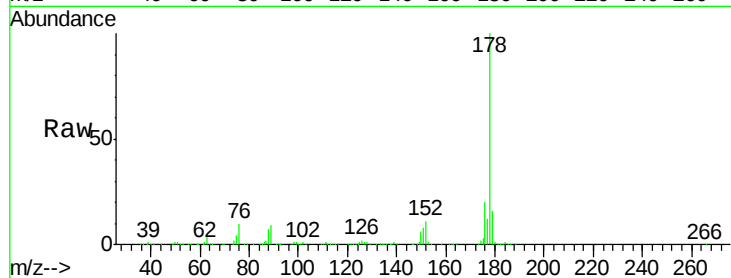
Tot Ion:178 Resp: 1635341

Ion Ratio Lower Upper

178 100

176 19.9 15.1 22.7

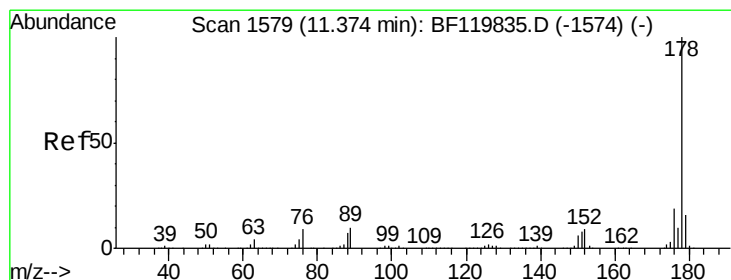
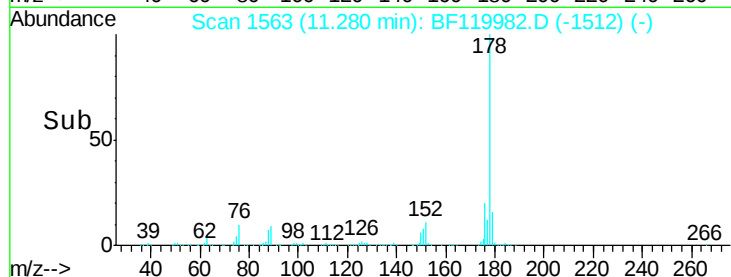
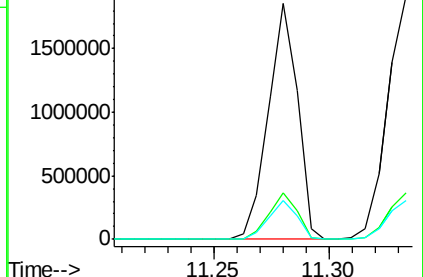
179 16.3 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 37.052 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

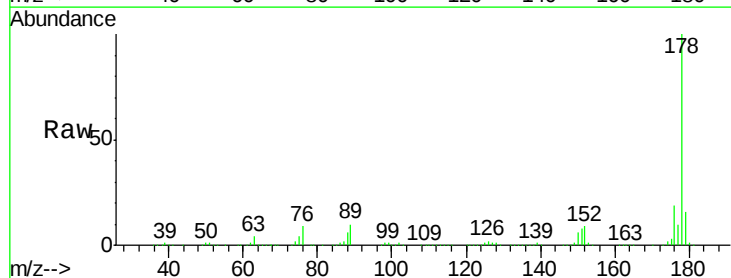
Tgt Ion:178 Resp: 1667203

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

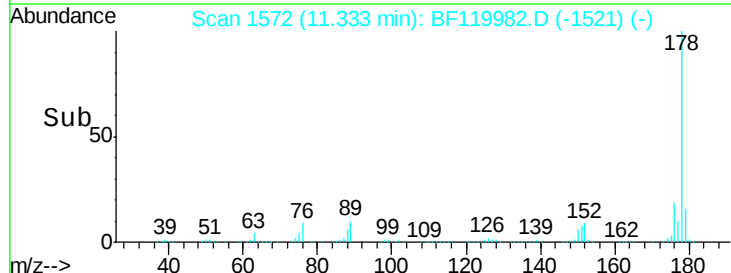
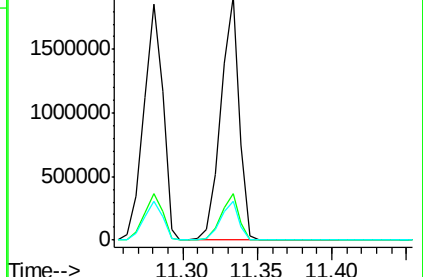
179 15.8 12.8 19.2

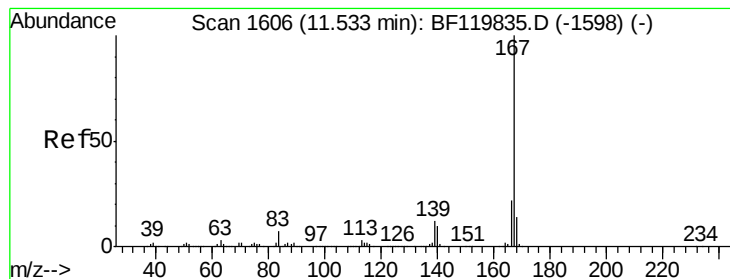


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 37.793 ng

RT: 11.49 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

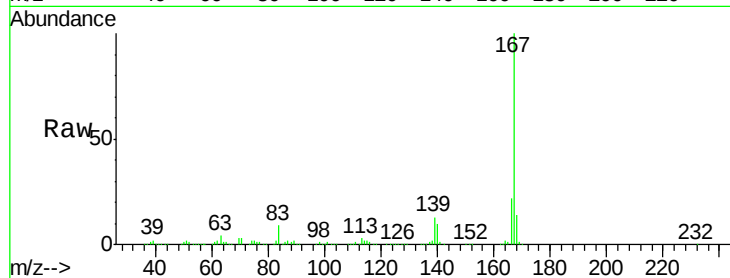
Tot Ion:167 Resp: 1608135

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.0

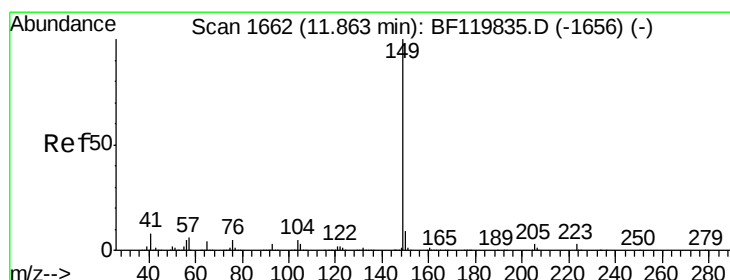
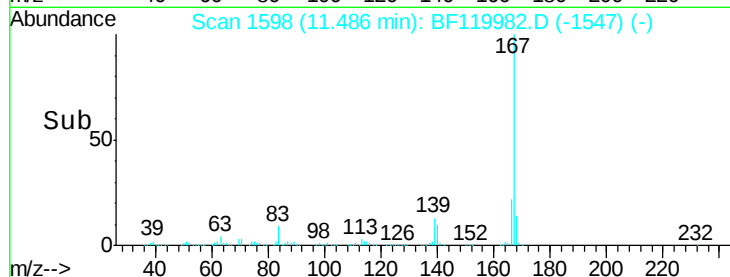
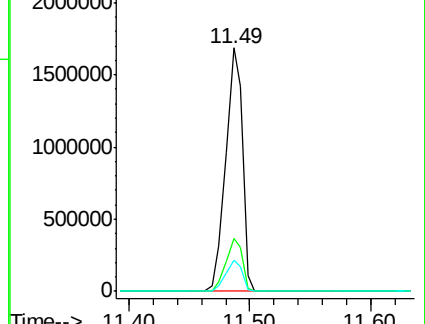
139 12.9 9.8 14.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 36.174 ng

RT: 11.82 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

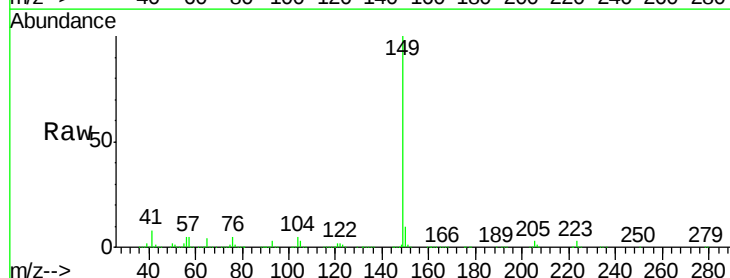
Tgt Ion:149 Resp: 2023516

Ion Ratio Lower Upper

149 100

150 10.1 7.6 11.4

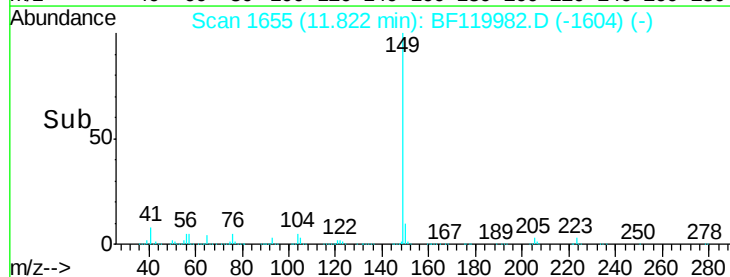
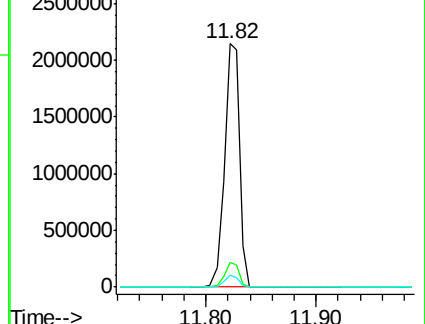
104 4.7 3.8 5.6

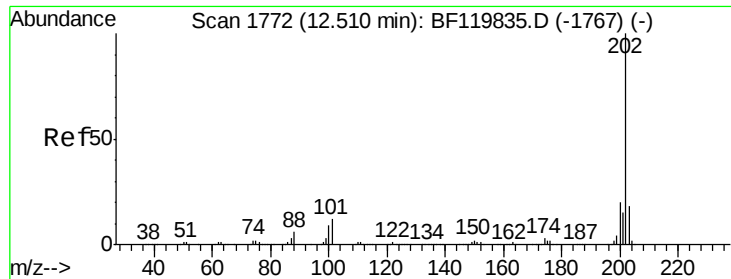


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 36.871 ng

RT: 12.47 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

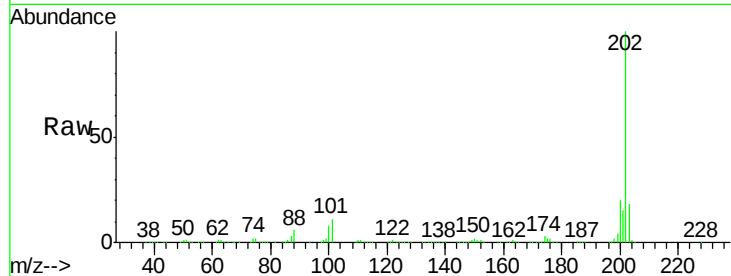
Tot Ion:202 Resp: 1752318

Ion Ratio Lower Upper

202 100

101 11.4 0.0 32.3

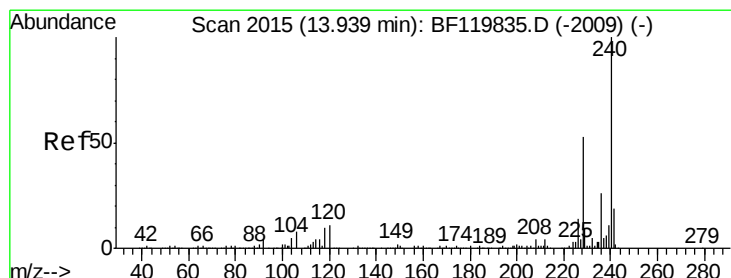
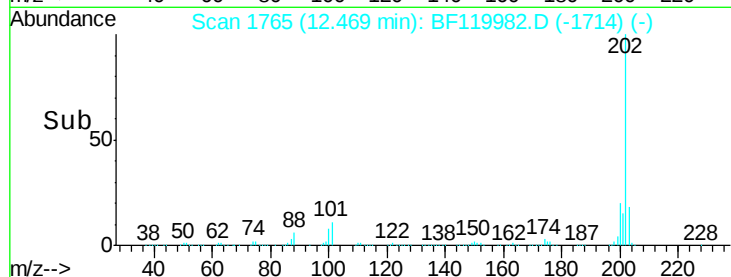
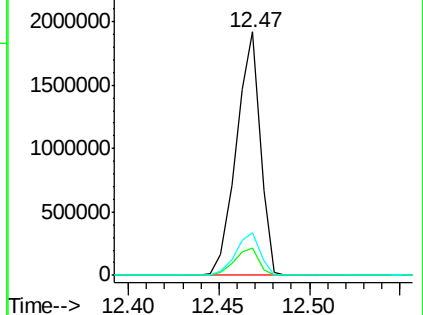
203 17.5 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

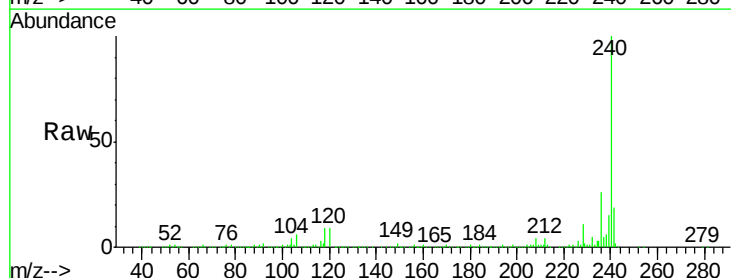
Tgt Ion:240 Resp: 573056

Ion Ratio Lower Upper

240 100

120 9.3 9.0 13.6

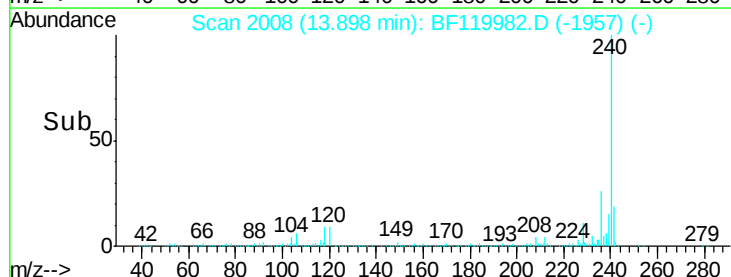
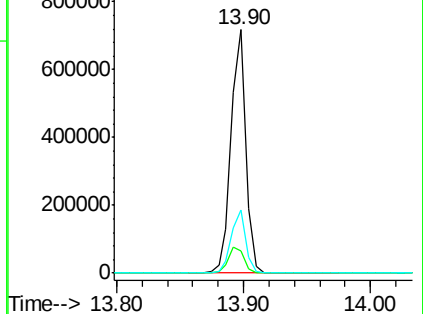
236 25.8 20.7 31.1

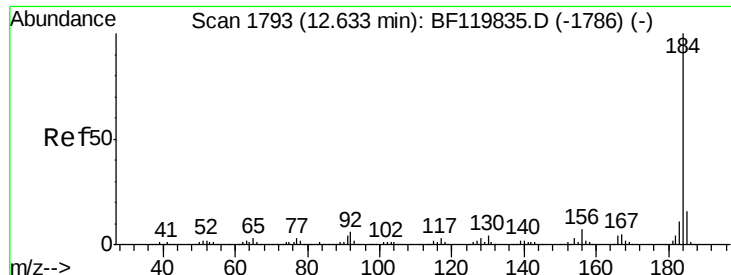


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

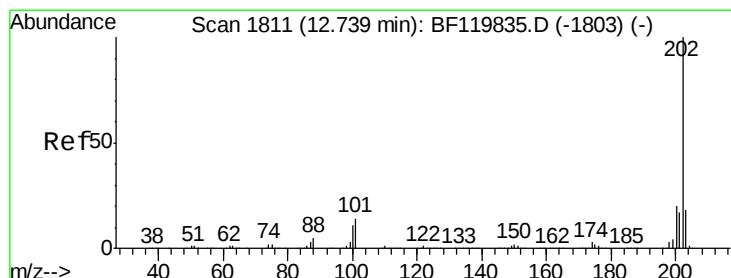
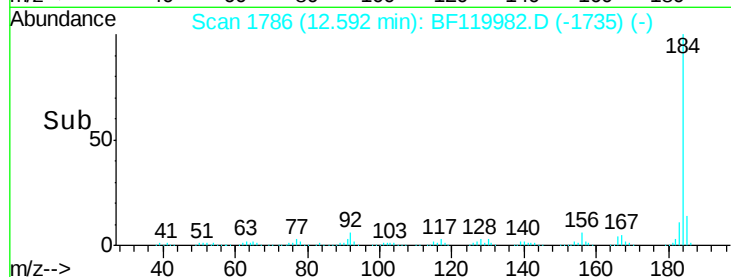
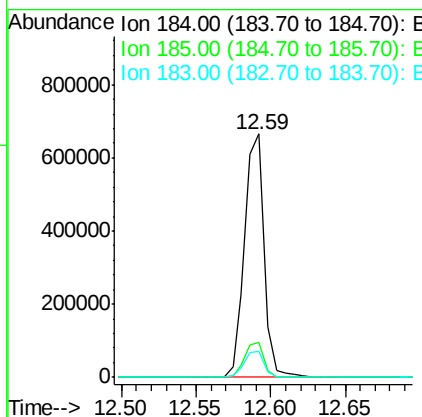
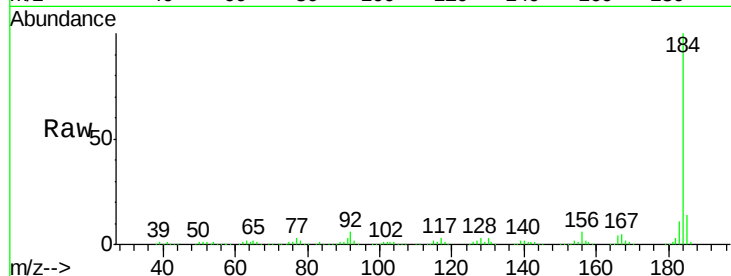




#77
Benzidine
Concen: 31.250 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BF119982.D
Acq: 15 Apr 2020 10:04

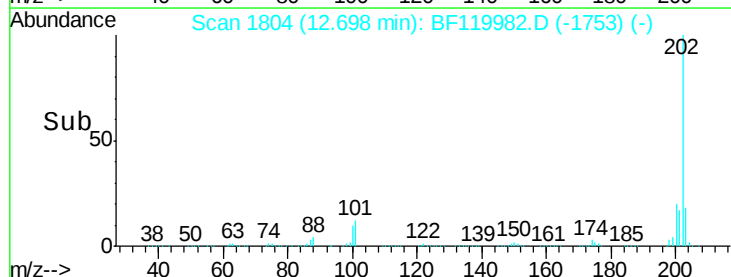
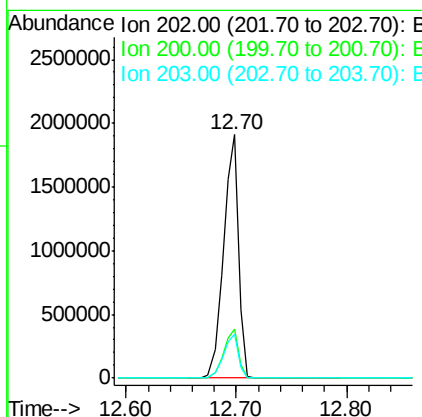
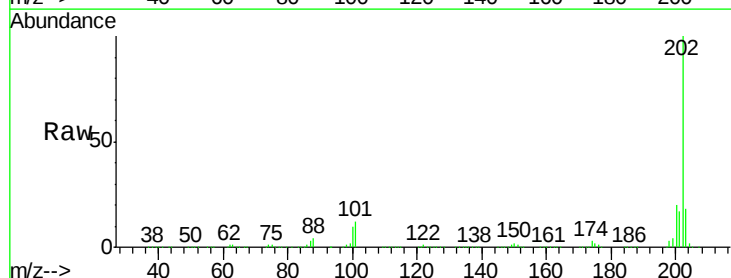
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

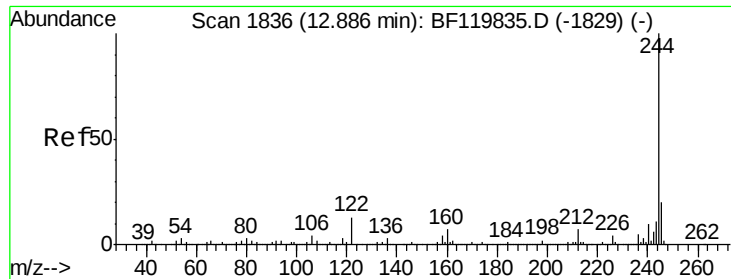
Tot Ion:184 Resp: 605344
Ion Ratio Lower Upper
184 100
185 14.4 13.2 19.8
183 10.8 9.1 13.7



#78
Pyrene
Concen: 37.204 ng
RT: 12.70 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF119982.D
Acq: 15 Apr 2020 10:04

Tgt Ion:202 Resp: 1797289
Ion Ratio Lower Upper
202 100
200 20.2 16.2 24.2
203 18.2 14.1 21.1





#79

Terphenyl-d14

Concen: 67.900 ng

RT: 12.85 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

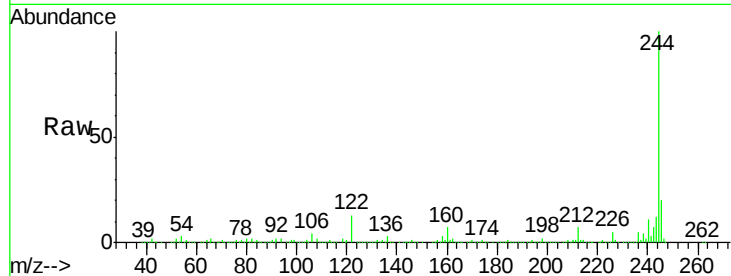
Tot Ion:244 Resp: 2312456

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

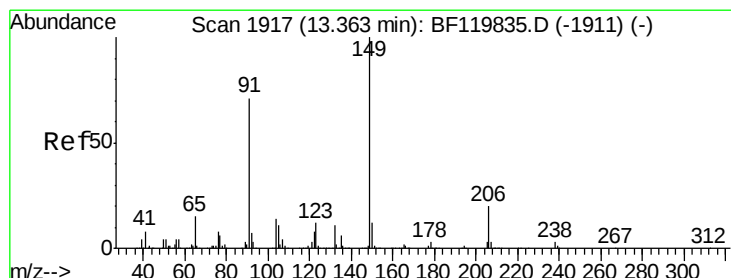
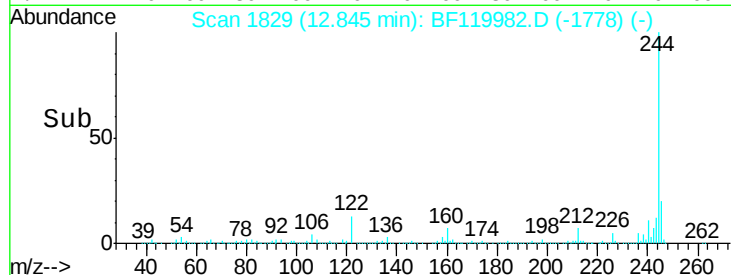
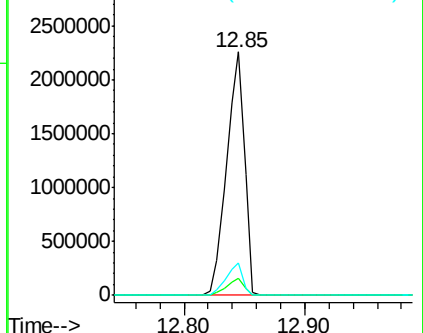
122 13.2 10.3 15.5



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: 35.361 ng

RT: 13.32 min Scan# 1910

Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

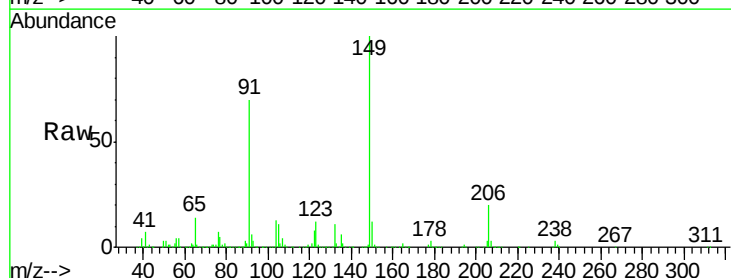
Tgt Ion:149 Resp: 828915

Ion Ratio Lower Upper

149 100

91 69.8 56.7 85.1

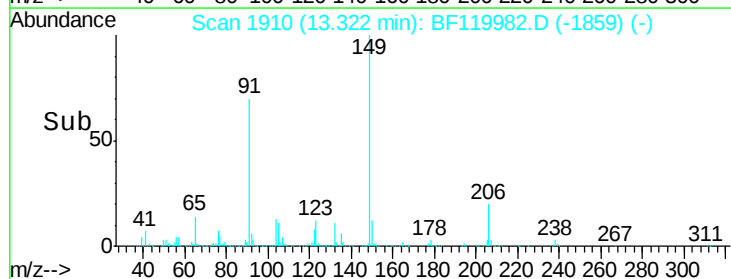
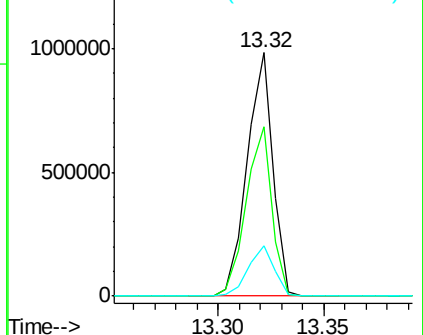
206 20.5 15.7 23.5



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: 36.888 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

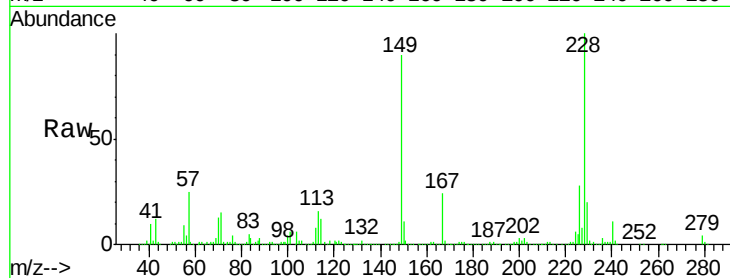
Tot Ion:228 Resp: 1390663

Ion Ratio Lower Upper

228 100

226 27.7 21.9 32.9

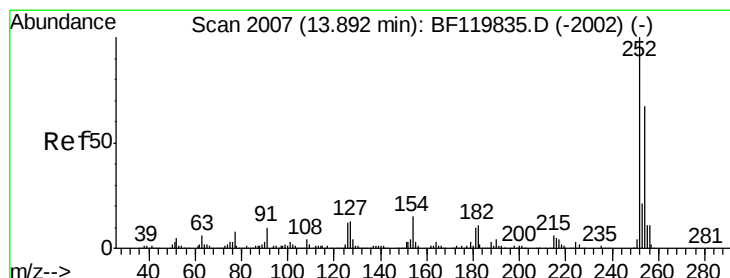
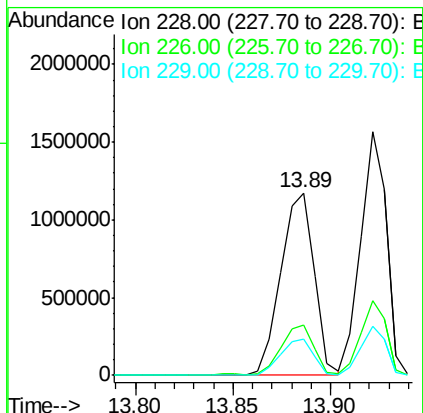
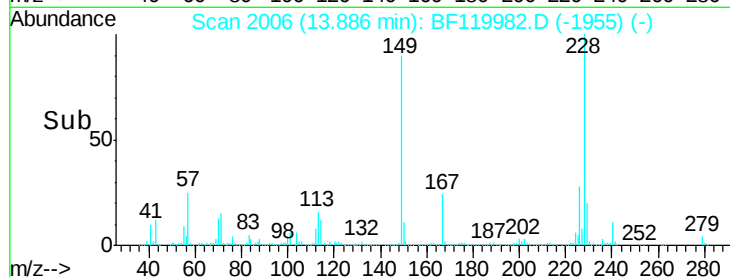
229 20.2 15.9 23.9



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: 37.515 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

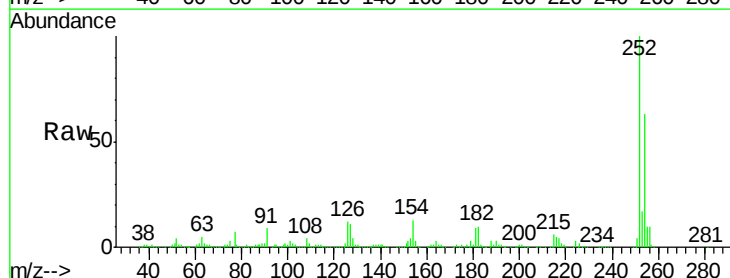
Tgt Ion:252 Resp: 527708

Ion Ratio Lower Upper

252 100

254 62.6 53.9 80.9

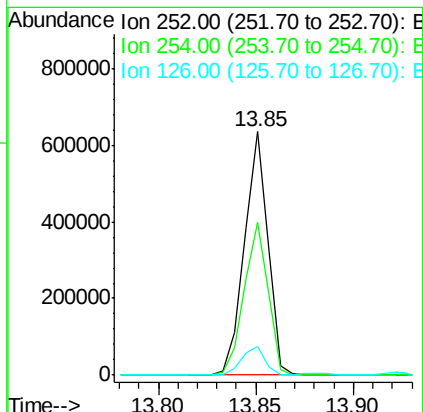
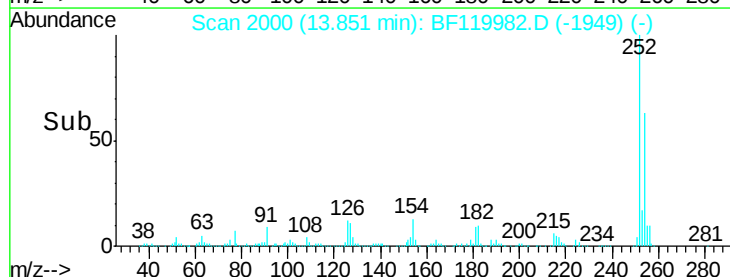
126 11.9 9.7 14.5

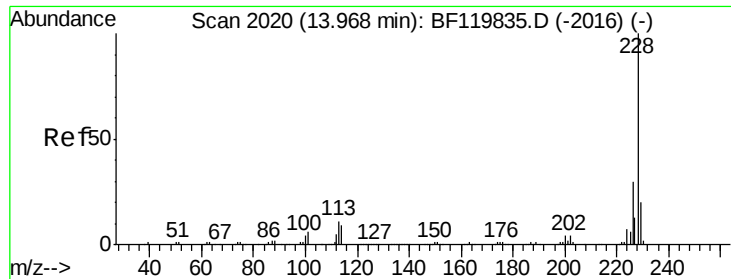


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 37.460 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

Instrument :

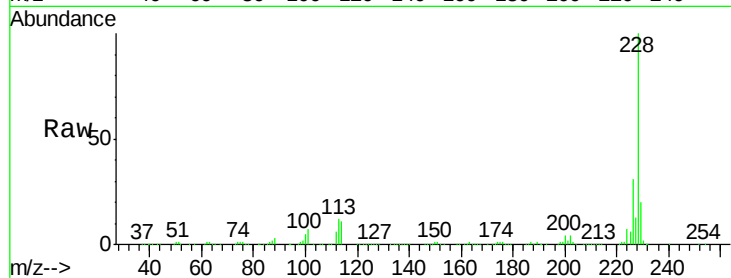
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1434917

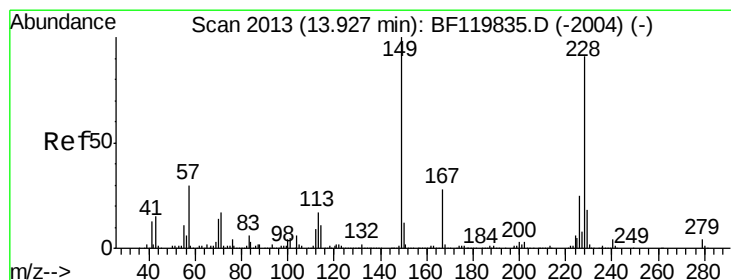
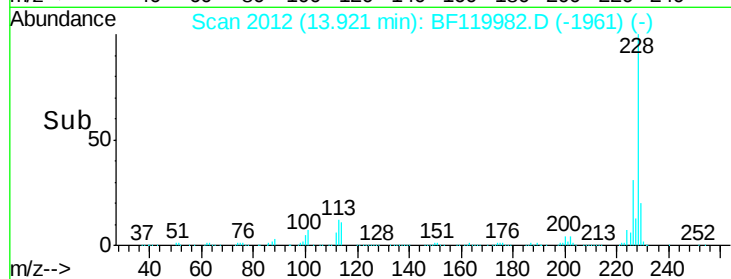
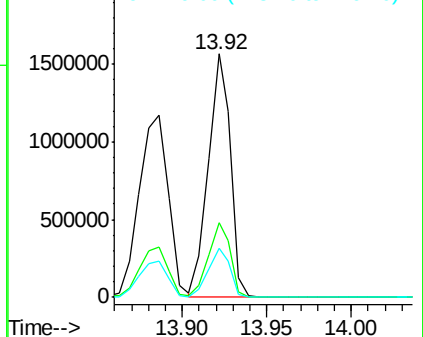
Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.2
229	20.1	15.9	23.9



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: 33.923 ng

RT: 13.88 min Scan# 2005

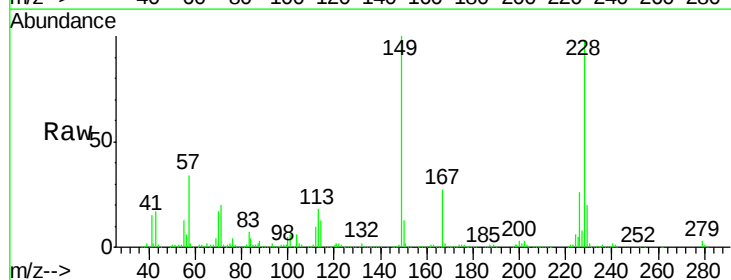
Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

Tgt Ion:149 Resp: 1076873

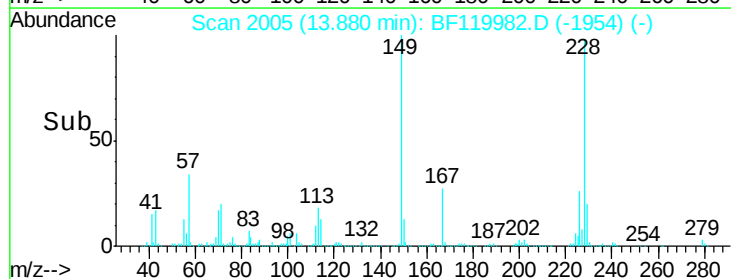
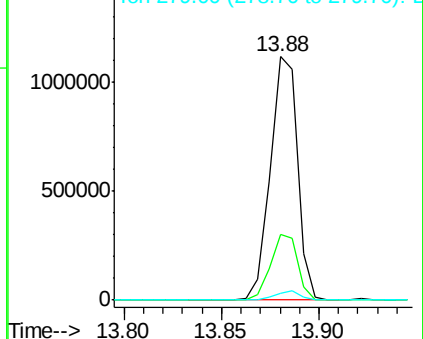
Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.2	33.2
279	3.0	3.4	5.0

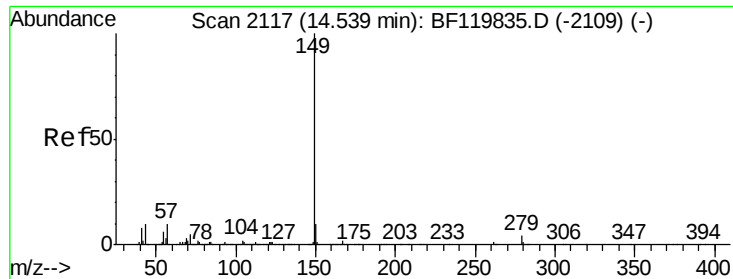


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 34.307 ng

RT: 14.49 min Scan# 2109

Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

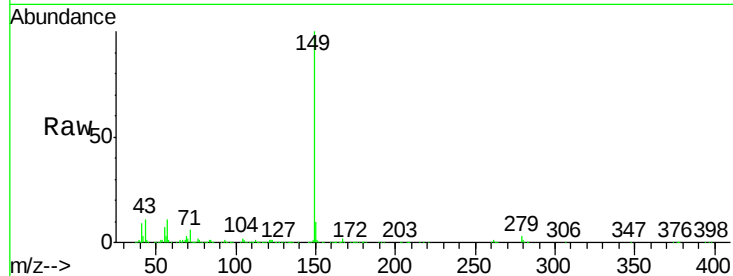
Tot Ion:149 Resp: 1854336

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

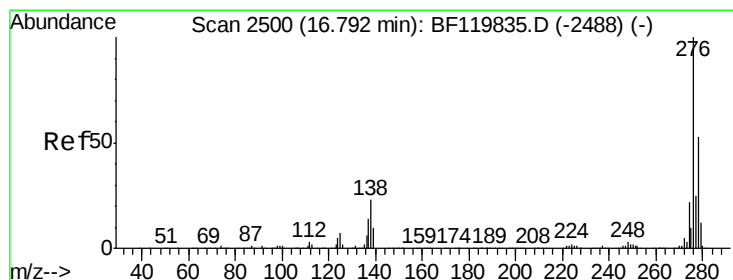
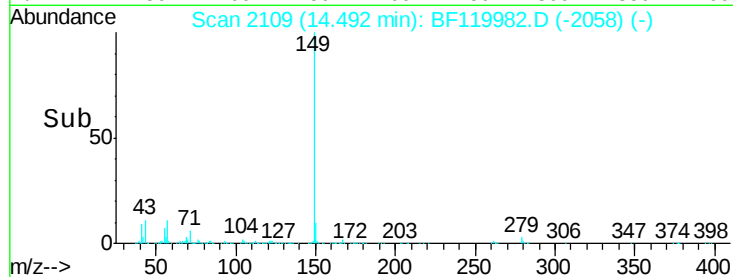
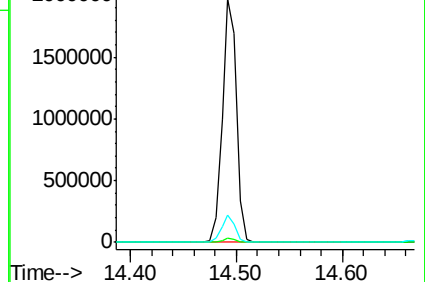
43 10.7 9.2 13.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 32.856 ng

RT: 16.70 min Scan# 2484

Delta R.T. 0.00 min

Lab File: BF119982.D

Acq: 15 Apr 2020 10:04

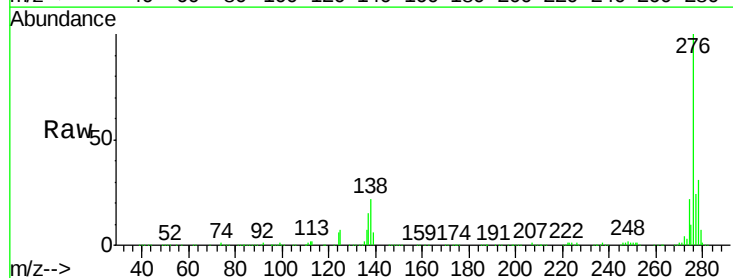
Tgt Ion:276 Resp: 1109430

Ion Ratio Lower Upper

276 100

138 25.0 18.0 27.0

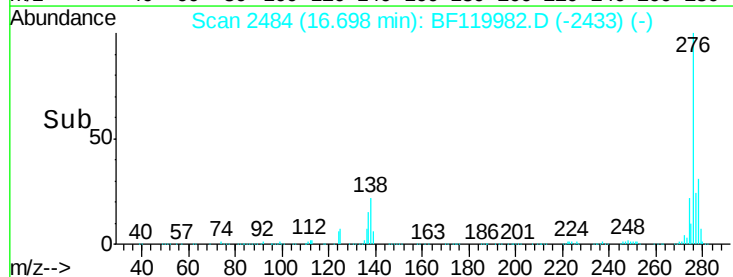
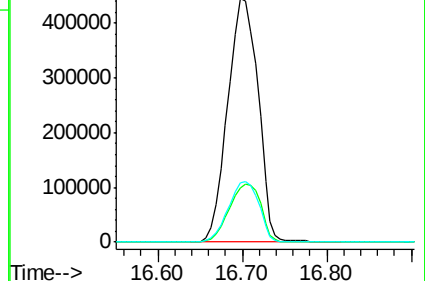
277 25.2 20.1 30.1

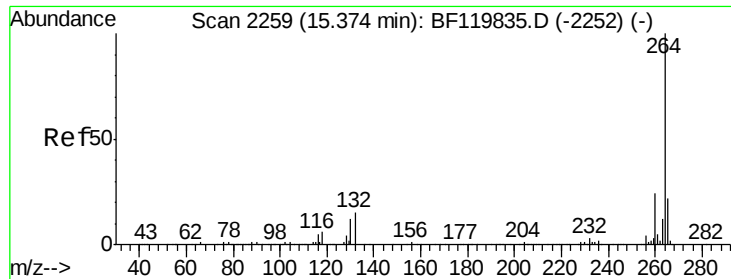


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

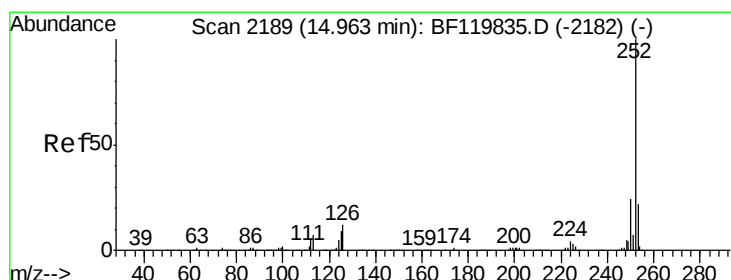
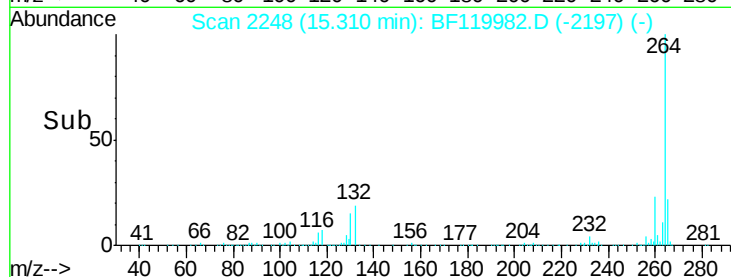
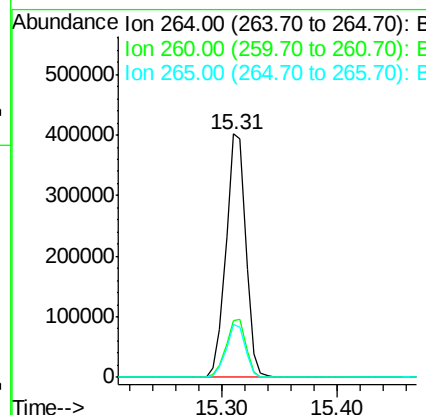
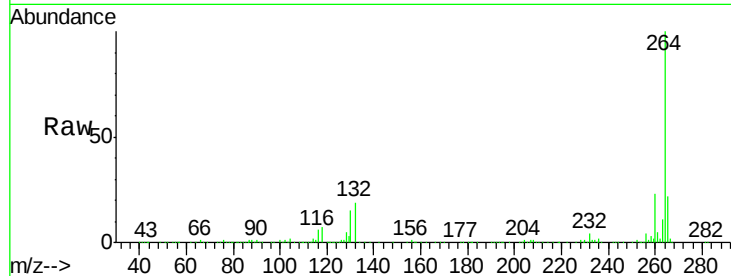




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BF119982.D
Acq: 15 Apr 2020 10:04

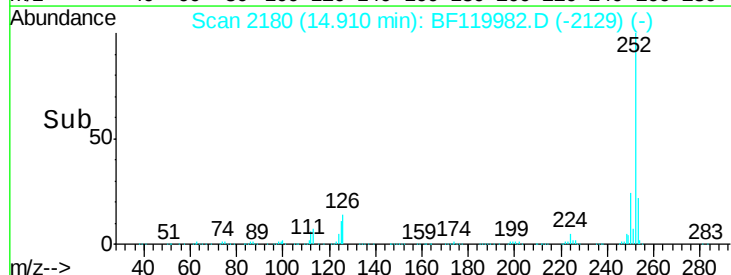
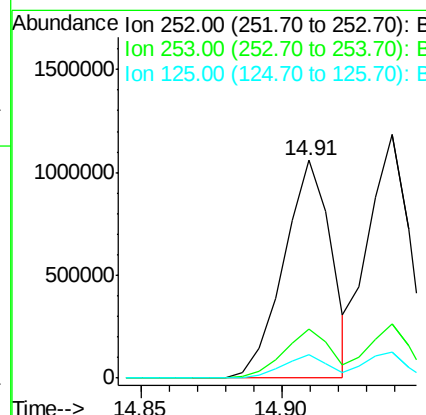
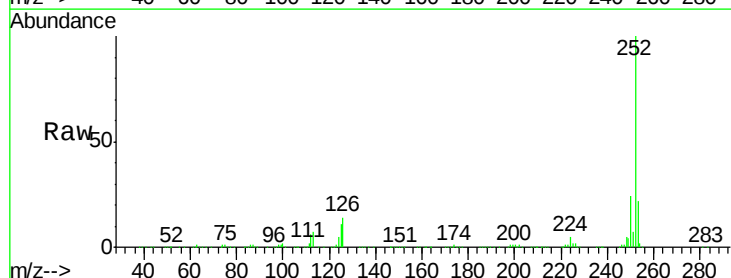
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 478226
Ion Ratio Lower Upper
264 100
260 23.4 19.3 28.9
265 21.6 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 35.863 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BF119982.D
Acq: 15 Apr 2020 10:04

Tgt Ion:252 Resp: 1233769
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 10.8 7.4 11.2

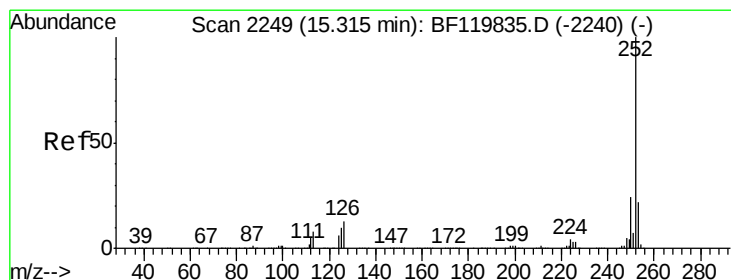
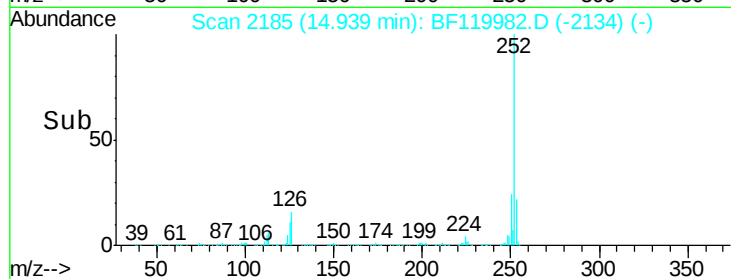
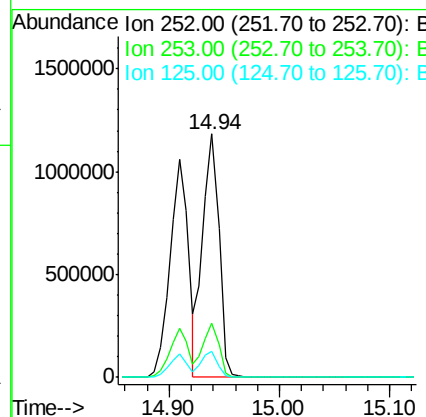
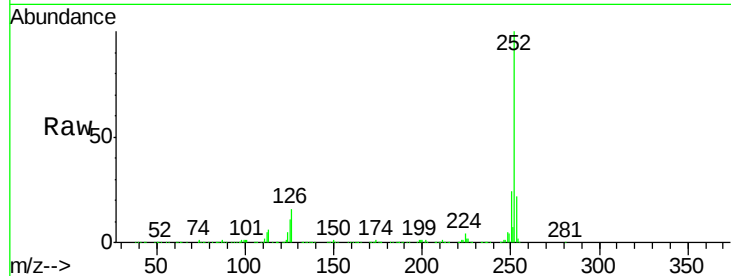




#89
Benzo(k)fluoranthene
Concen: 40.020 ng
RT: 14.94 min Scan# 2185
Delta R.T. 0.00 min
Lab File: BF119982.D
Acq: 15 Apr 2020 10:04

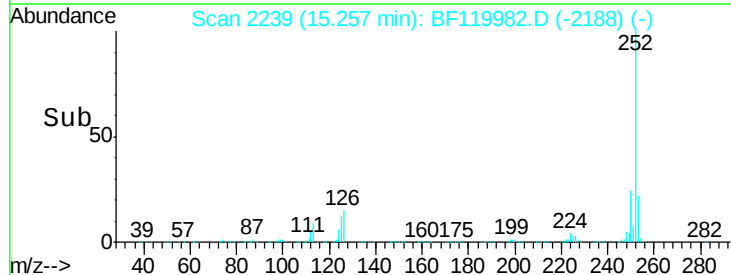
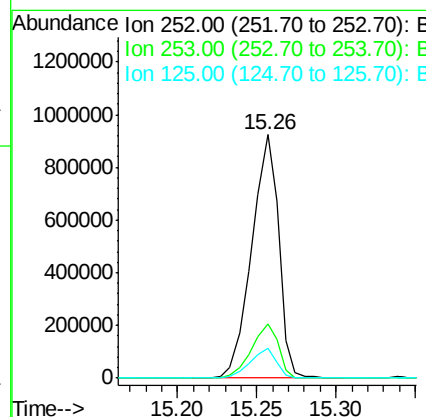
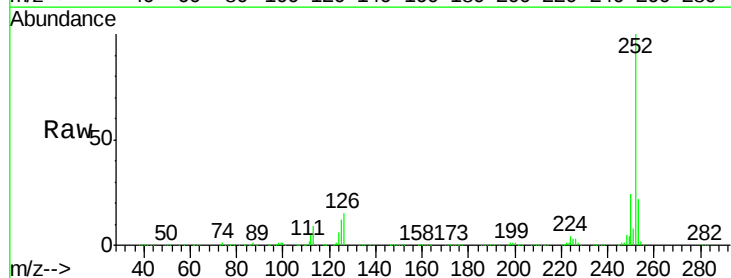
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

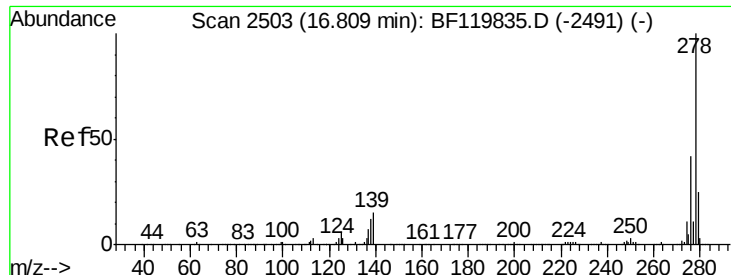
Tot Ion:252 Resp: 1187919
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 10.9 7.7 11.5



#90
Benzo(a)pyrene
Concen: 37.828 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BF119982.D
Acq: 15 Apr 2020 10:04

Tgt Ion:252 Resp: 1094208
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 12.4 8.3 12.5

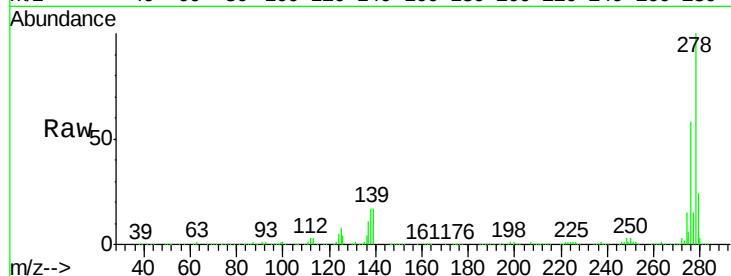




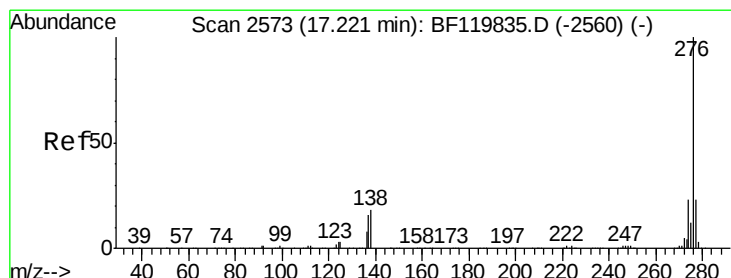
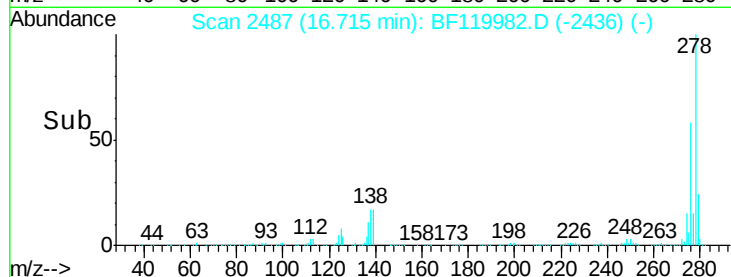
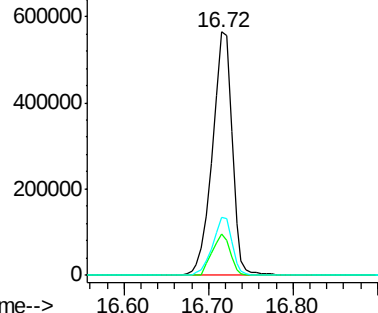
#91
Dibenzo(a,h)anthracene
Concen: 35.424 ng
RT: 16.72 min Scan# 2487
Delta R.T. 0.00 min
Lab File: BF119982.D
Acq: 15 Apr 2020 10:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 907637
Ion Ratio Lower Upper
278 100
139 17.2 11.6 17.4
279 24.0 19.7 29.5

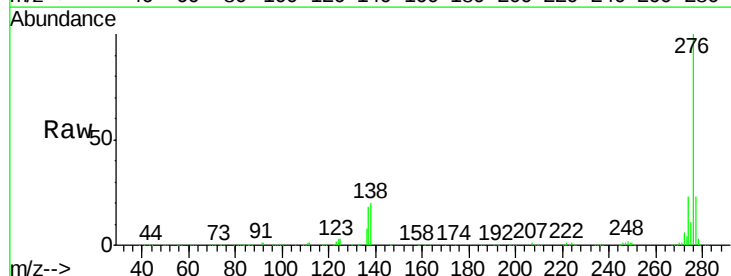


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 34.851 ng
RT: 17.12 min Scan# 2556
Delta R.T. 0.00 min
Lab File: BF119982.D
Acq: 15 Apr 2020 10:04

Tgt Ion:276 Resp: 881445
Ion Ratio Lower Upper
276 100
277 22.9 18.5 27.7
138 20.1 14.6 22.0



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

