

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119931.D
 Acq On : 14 Apr 2020 3:26
 Operator : MA/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 14 05:04:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 13:37:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	227371	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	842091	20.00	ng	0.00
39) Acenaphthene-d10	9.78	164	439993	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	844613	20.00	ng	0.00
76) Chrysene-d12	13.91	240	614432	20.00	ng	0.00
87) Perylene-d12	15.33	264	615544	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1042176	79.21	ng	0.00
7) Phenol-d6	6.37	99	1338098	78.93	ng	0.00
23) Nitrobenzene-d5	7.31	82	1220706	74.99	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	399159	74.10	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2265176	73.09	ng	0.00
79) Terphenyl-d14	12.86	244	2504133	68.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	233334	39.818	ng	97
3) Pyridine	3.09	79	631388	39.271	ng	98
4) n-Nitrosodimethylamine	3.06	42	297316	36.193	ng	95
6) Aniline	6.40	93	877372	39.431	ng	100
8) 2-Chlorophenol	6.53	128	566377	38.528	ng	98
9) Benzaldehyde	6.29	77	366636	40.554	ng	99
10) Phenol	6.39	94	754848	39.247	ng	93
11) bis(2-Chloroethyl)ether	6.48	93	569816	38.371	ng	99
12) 1,3-Dichlorobenzene	6.68	146	616053	38.279	ng	98
13) 1,4-Dichlorobenzene	6.76	146	625331	38.144	ng	99
14) 1,2-Dichlorobenzene	6.91	146	581002	38.455	ng	99
15) Benzyl Alcohol	6.89	79	500306	37.996	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1038651	35.943	ng	98
17) 2-Methylphenol	7.00	107	515601	39.303	ng	98
18) Hexachloroethane	7.25	117	232584	37.961	ng	98
19) n-Nitroso-di-n-propylamine	7.16	70	405637	37.209	ng	99
20) 3+4-Methylphenols	7.16	107	624474	38.921	ng	92
22) Acetophenone	7.16	105	740389	37.547	ng	# 98
24) Nitrobenzene	7.33	77	621356	37.947	ng	99
25) Isophorone	7.57	82	1179650	37.595	ng	100
26) 2-Nitrophenol	7.65	139	318341	38.914	ng	89
27) 2,4-Dimethylphenol	7.69	122	468092	37.939	ng	98
28) bis(2-Chloroethoxy)methane	7.78	93	697520	37.777	ng	100
29) 2,4-Dichlorophenol	7.89	162	477059	37.722	ng	98
30) 1,2,4-Trichlorobenzene	7.97	180	540073	37.689	ng	98
31) Naphthalene	8.05	128	1667705	37.642	ng	99
32) Benzoic acid	7.81	122	333777	30.803	ng	97
33) 4-Chloroaniline	8.10	127	744165	38.582	ng	99
34) Hexachlorobutadiene	8.17	225	312520	36.433	ng	98
35) Caprolactam	8.47	113	147413	38.105	ng	89
36) 4-Chloro-3-methylphenol	8.59	107	518684	37.882	ng	95
37) 2-Methylnaphthalene	8.74	142	1110776	36.980	ng	99
38) 1-Methylnaphthalene	8.84	142	1042118	36.809	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	510560	36.739	ng	99

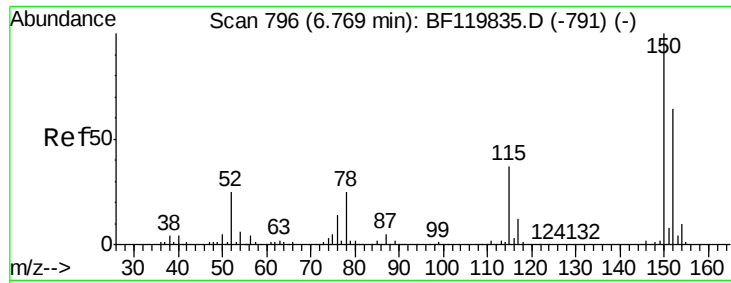
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	341529	43.219	nq	97
43) 2,4,6-Trichlorophenol	9.02	196	354706	36.962	nq	99
44) 2,4,5-Trichlorophenol	9.06	196	405861	37.550	nq	99
46) 1,1'-Biphenyl	9.20	154	1387199	37.353	nq	98
47) 2-Chloronaphthalene	9.23	162	1077333	37.657	nq	97
48) 2-Nitroaniline	9.33	65	389437	37.563	nq	98
49) Acenaphthylene	9.65	152	1642344	37.747	nq	100
50) Dimethylphthalate	9.52	163	1234944	36.287	nq	99
51) 2,6-Dinitrotoluene	9.57	165	282112	37.854	nq	# 80
52) Acenaphthene	9.82	154	986757	33.999	nq	99
53) 3-Nitroaniline	9.74	138	330777	38.862	nq	100
54) 2,4-Dinitrophenol	9.85	184	101611	22.773	nq	97
55) Dibenzofuran	9.99	168	1478566	37.124	nq	98
56) 4-Nitrophenol	9.90	139	235457	37.179	nq	86
57) 2,4-Dinitrotoluene	9.97	165	367090	37.386	nq	95
58) Fluorene	10.33	166	1129343	35.456	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.11	232	308274	37.292	nq	98
60) Diethylphthalate	10.21	149	1280714	36.309	nq	100
61) 4-Chlorophenyl-phenylether	10.33	204	567563	34.766	nq	99
62) 4-Nitroaniline	10.36	138	327207	40.338	nq	97
63) Azobenzene	10.49	77	1192765	37.733	nq	97
65) 4,6-Dinitro-2-methylphenol	10.38	198	145963	26.232	nq	83
66) n-Nitrosodiphenylamine	10.45	169	1058388	37.679	nq	99
67) 4-Bromophenyl-phenylether	10.82	248	385430	36.695	nq	97
68) Hexachlorobenzene	10.88	284	401843	37.712	nq	98
69) Atrazine	10.97	200	293228	37.520	nq	96
70) Pentachlorophenol	11.07	266	201702	32.848	nq	99
71) Phenanthrene	11.29	178	1652939	36.772	nq	98
72) Anthracene	11.35	178	1702224	37.069	nq	99
73) Carbazole	11.50	167	1623504	37.386	nq	99
74) Di-n-butylphthalate	11.84	149	2009819	35.206	nq	99
75) Fluoranthene	12.48	202	1790136	36.909	nq	99
77) Benzidine	12.60	184	755543	36.377	nq	99
78) Pyrene	12.71	202	1841906	35.560	nq	98
80) Butylbenzylphthalate	13.33	149	870183	34.622	nq	99
81) Benzo(a)anthracene	13.90	228	1480427	36.625	nq	100
82) 3,3'-Dichlorobenzidine	13.86	252	603276	40.000	nq	96
83) Chrysene	13.94	228	1522785	37.076	nq	98
84) Bis(2-ethylhexyl)phthalate	13.90	149	1111389	32.653	nq	99
85) Di-n-octyl phthalate	14.51	149	2039206	35.187	nq	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	1393944	38.502	nq	99
88) Benzo(b)fluoranthene	14.93	252	1515529	34.225	nq	98
89) Benzo(k)fluoranthene	14.96	252	1484319	38.850	nq	99
90) Benzo(a)pyrene	15.28	252	1382656	37.137	nq	99
91) Dibenzo(a,h)anthracene	16.75	278	1160555	35.191	nq	98
92) Benzo(g,h,i)perylene	17.15	276	1099048	33.761	nq	97

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

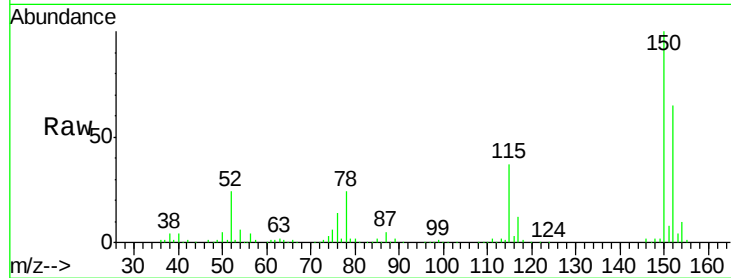


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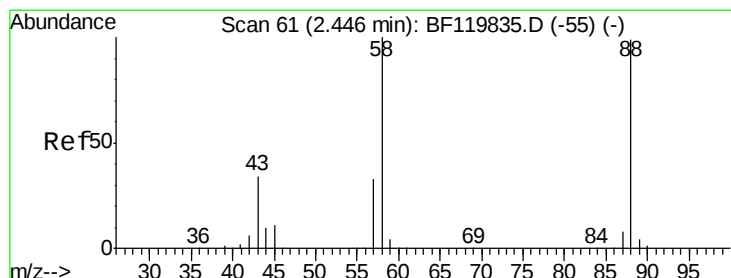
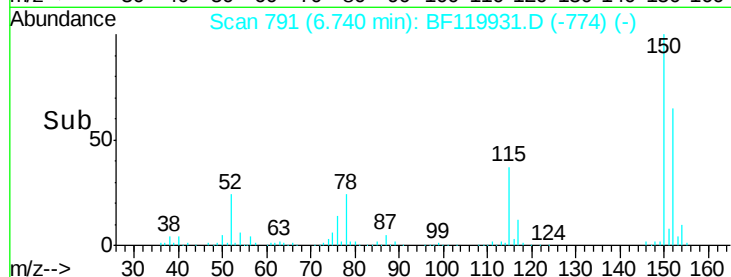
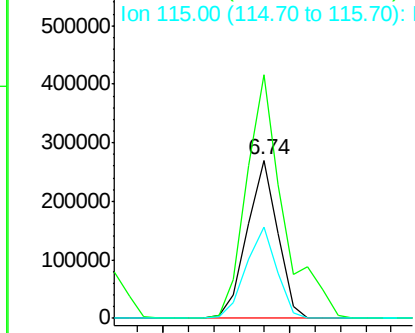
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF119931.D
Acq: 14 Apr 2020 3:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 227371
Ion Ratio Lower Upper
152 100
150 154.1 124.8 187.2
115 57.4 46.5 69.7



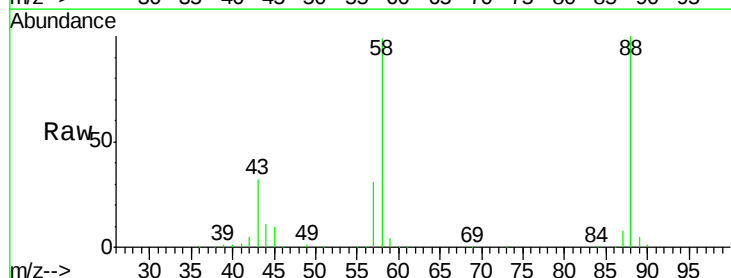
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



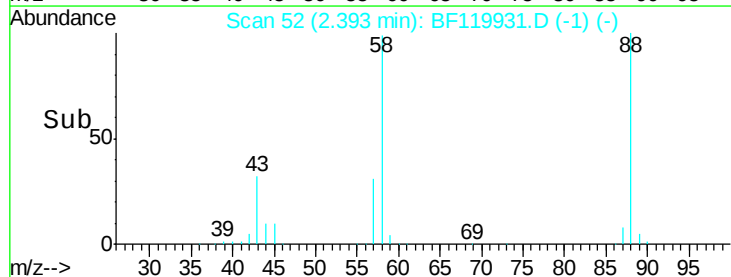
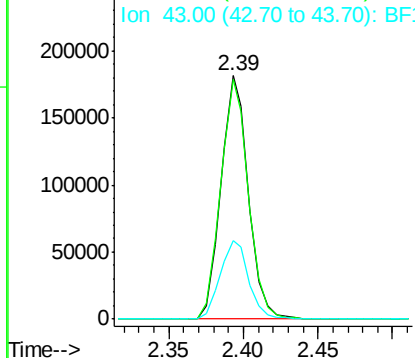
#2

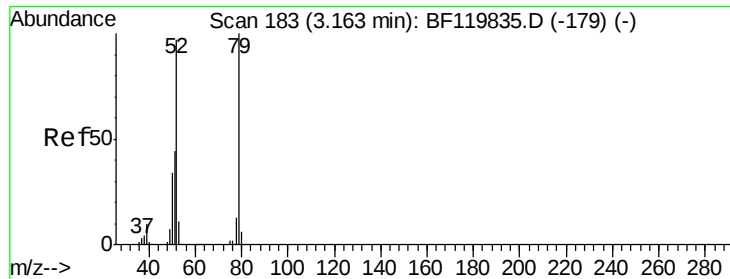
1,4-Dioxane
Concen: 39.818 ng
RT: 2.39 min Scan# 52
Delta R.T. 0.01 min
Lab File: BF119931.D
Acq: 14 Apr 2020 3:26

Tgt Ion: 88 Resp: 233334
Ion Ratio Lower Upper
88 100
58 99.9 82.6 123.8
43 33.5 28.6 42.8



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 39.271 ng

RT: 3.09 min Scan# 171

Delta R.T. 0.01 min

Lab File: BF119931.D

Acq: 14 Apr 2020 3:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

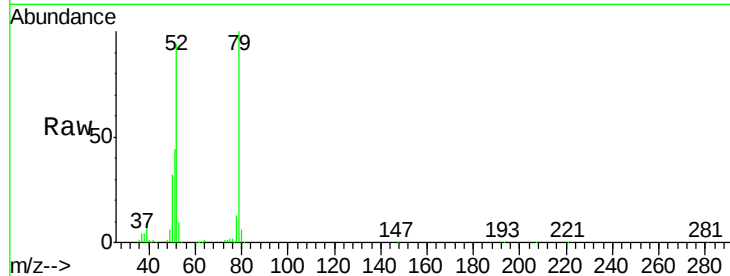
Tot Ion: 79 Resp: 631388

Ion Ratio Lower Upper

79 100

52 93.6 77.4 116.0

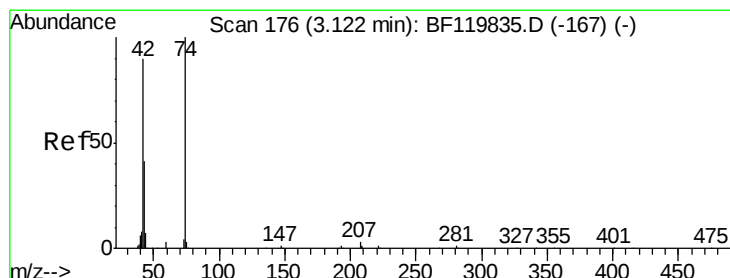
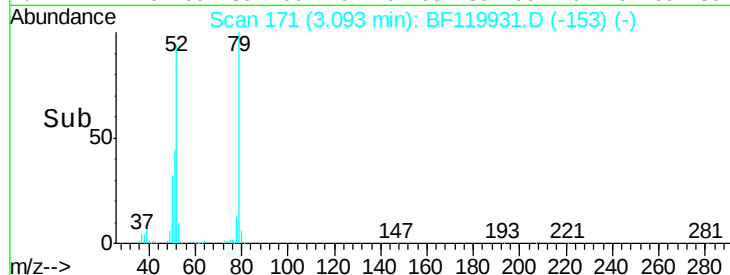
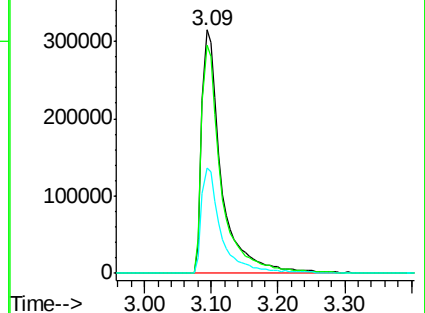
51 43.5 35.3 52.9



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.193 ng

RT: 3.06 min Scan# 165

Delta R.T. 0.01 min

Lab File: BF119931.D

Acq: 14 Apr 2020 3:26

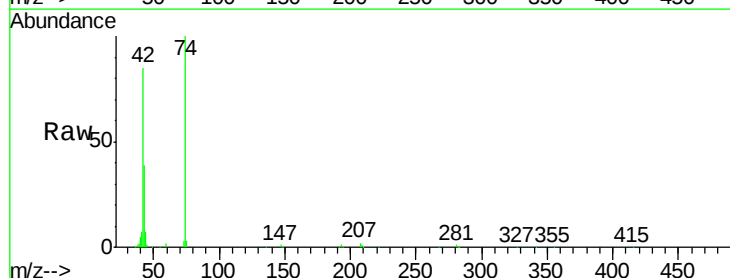
Tgt Ion: 42 Resp: 297316

Ion Ratio Lower Upper

42 100

74 117.0 89.0 133.4

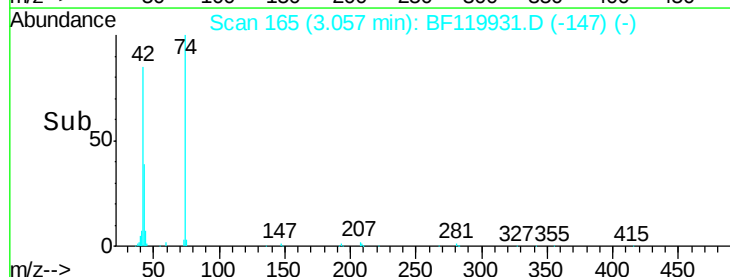
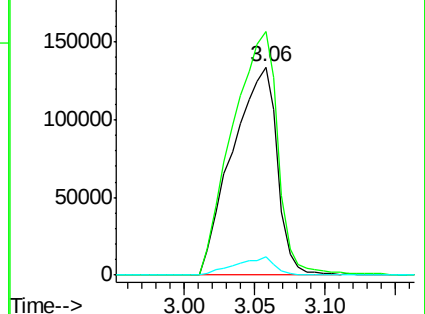
44 8.5 6.2 9.4



Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 79.213 ng

RT: 5.34 min Scan# 553

Delta R.T. -0.00 min

Lab File: BF119931.D

Acq: 14 Apr 2020 3:26

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

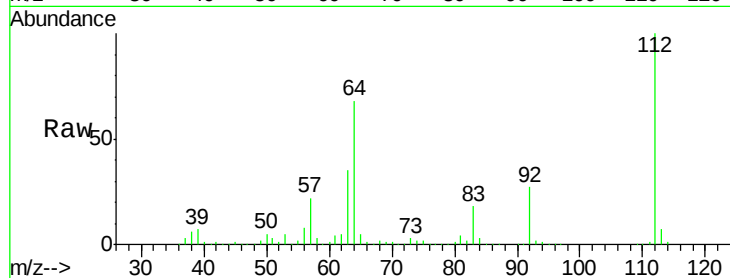
Tot Ion: 112 Resp: 1042176

Ion Ratio Lower Upper

112 100

64 68.0 55.5 83.3

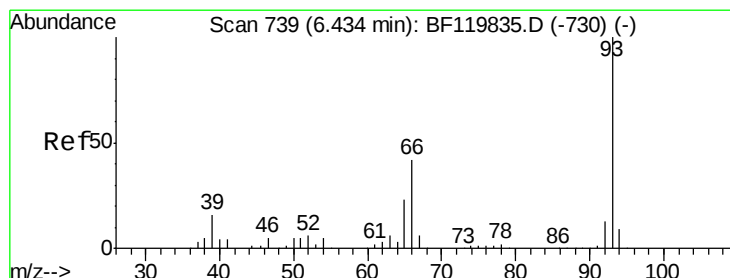
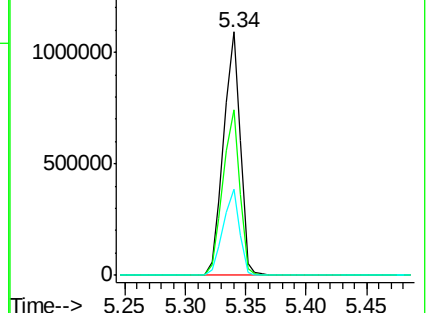
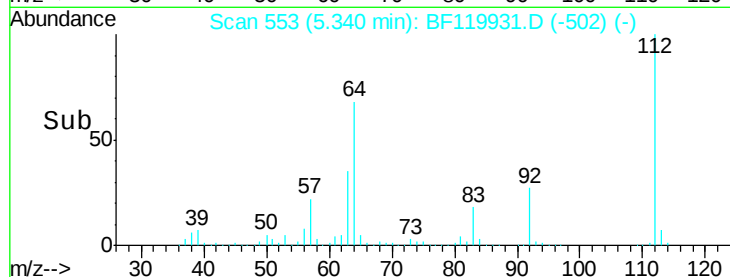
63 35.4 29.1 43.7



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: 39.431 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF119931.D

Acq: 14 Apr 2020 3:26

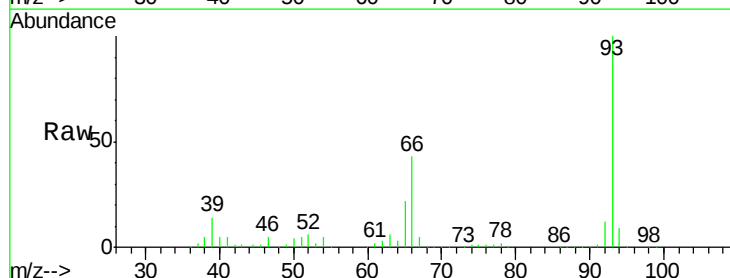
Tgt Ion: 93 Resp: 877372

Ion Ratio Lower Upper

93 100

66 42.7 34.2 51.2

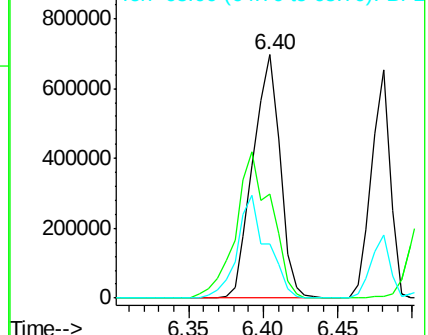
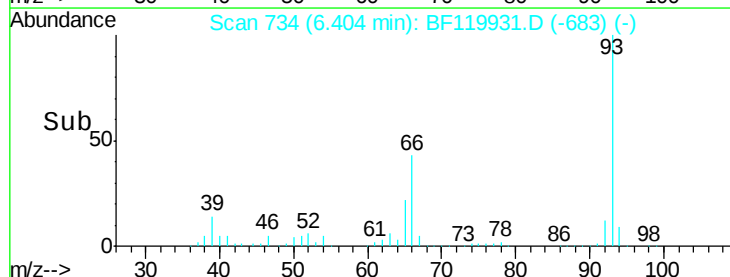
65 22.5 18.3 27.5

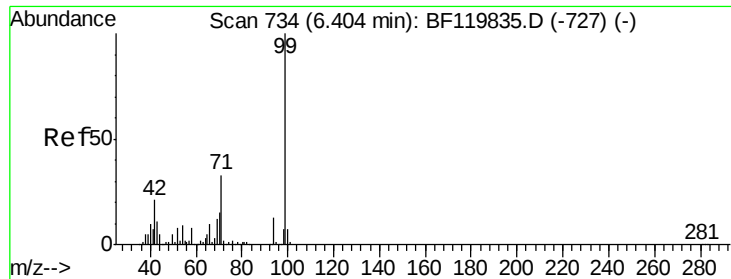


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.930 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119931.D

Acq: 14 Apr 2020 3:26

Instrument :

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ClientSampleId :

SSTDCCC040

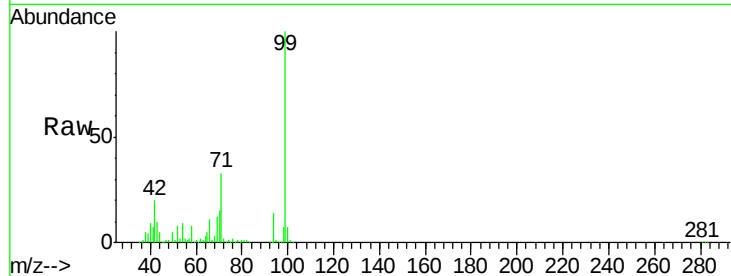
Tot Ion: 99 Resp: 1338098

Ion Ratio Lower Upper

99 100

42 20.2 16.9 25.3

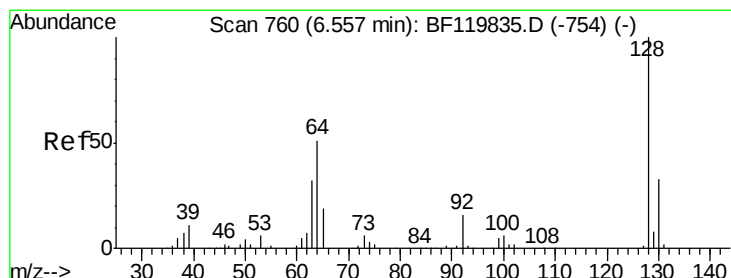
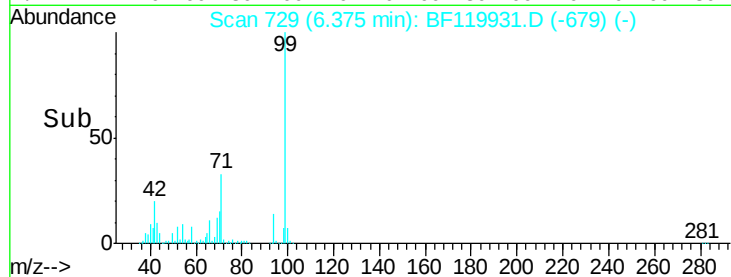
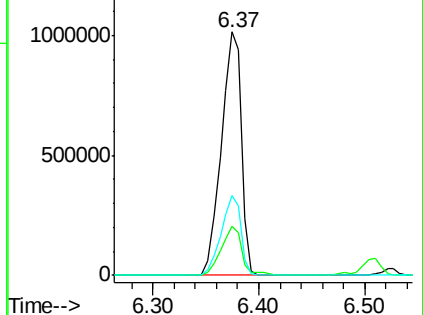
71 32.8 26.3 39.5



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: 38.528 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF119931.D

Acq: 14 Apr 2020 3:26

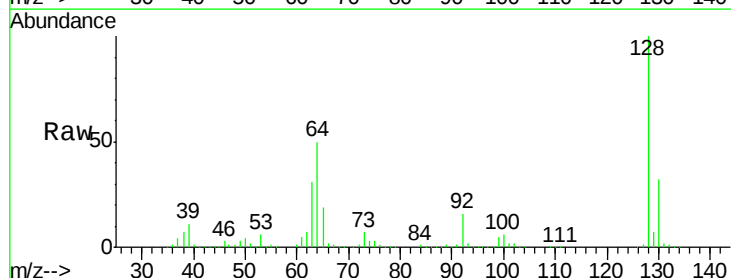
Tgt Ion: 128 Resp: 566377

Ion Ratio Lower Upper

128 100

130 32.4 12.6 52.6

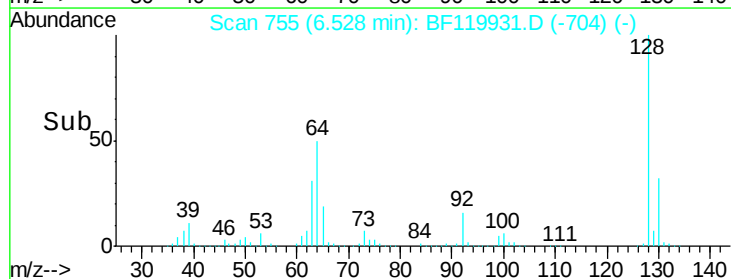
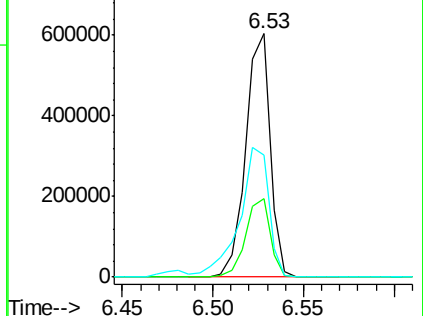
64 50.2 32.0 72.0

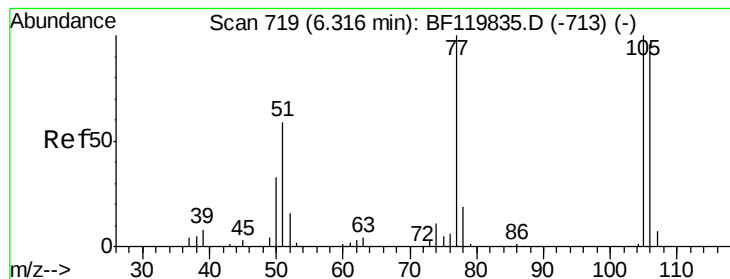


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 40.554 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.00 min

Lab File: BF119931.D

Acq: 14 Apr 2020 3:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

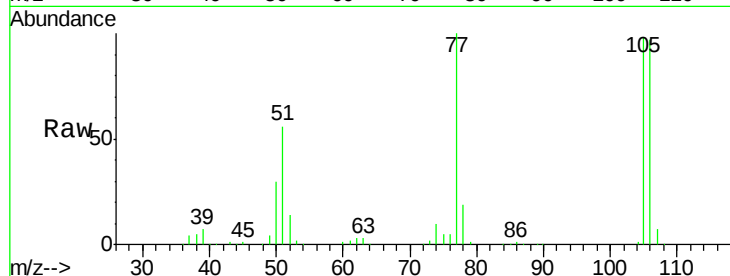
Tot Ion: 77 Resp: 366636

Ion Ratio Lower Upper

77 100

105 98.0 79.9 119.9

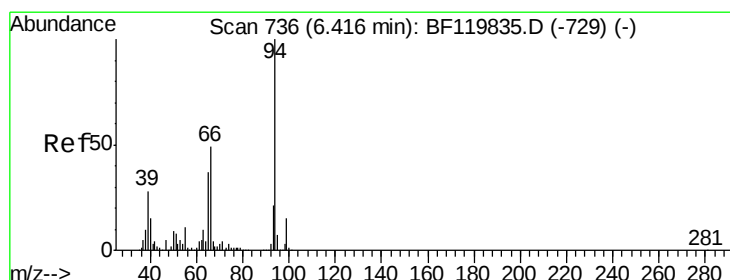
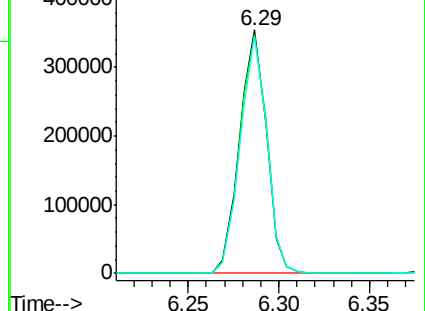
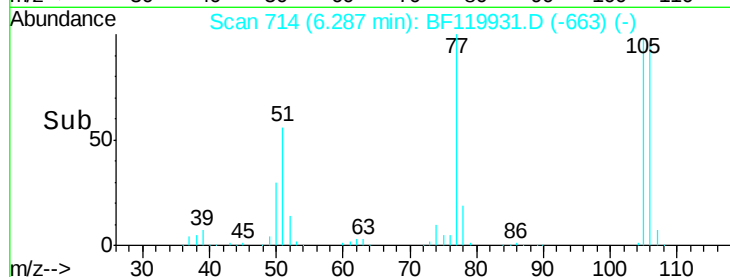
106 97.4 76.4 116.4



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.247 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF119931.D

Acq: 14 Apr 2020 3:26

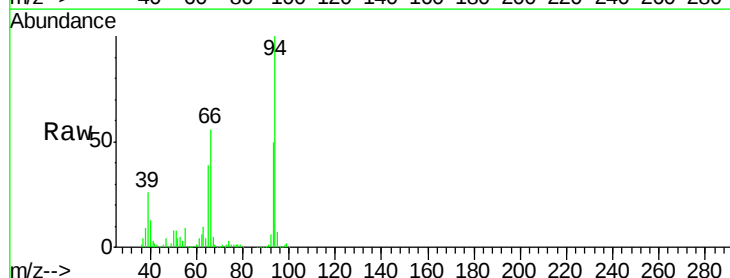
Tgt Ion: 94 Resp: 754848

Ion Ratio Lower Upper

94 100

65 39.0 16.6 56.6

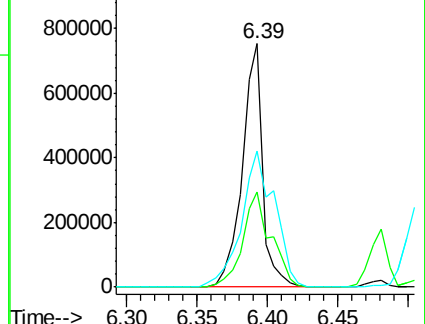
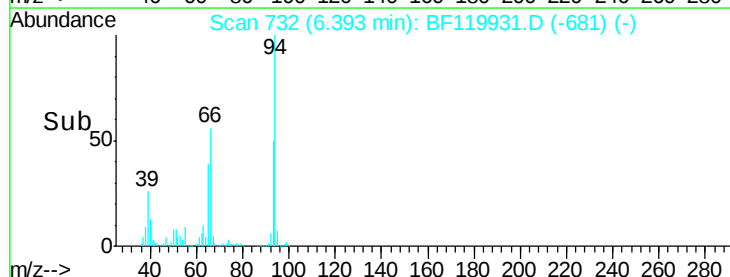
66 55.8 29.3 69.3

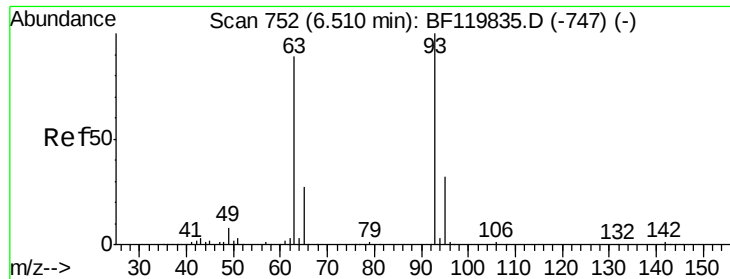


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

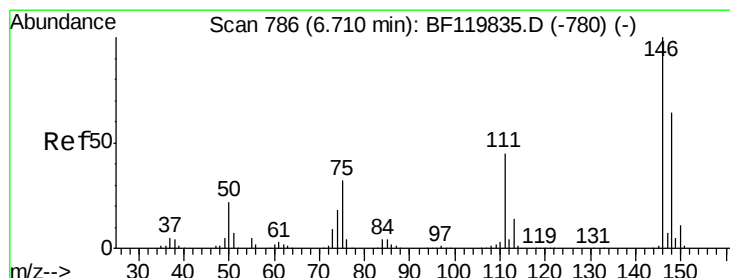
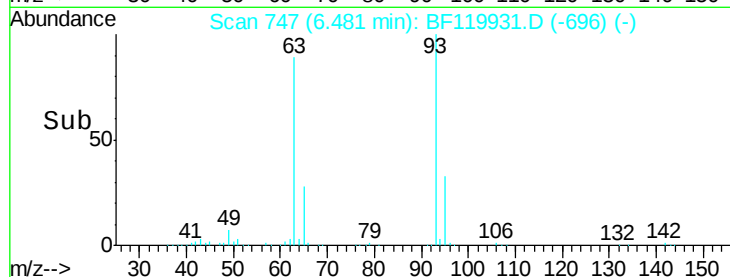
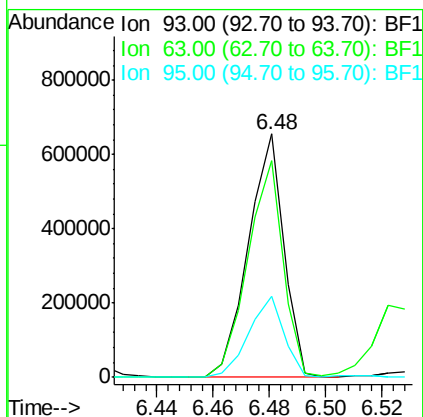
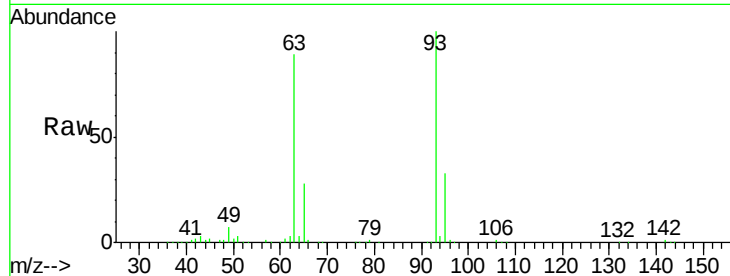




#11
bis(2-Chloroethyl)ether
Concen: 38.371 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.00 min
Lab File: BF119931.D
Acq: 14 Apr 2020 3:26

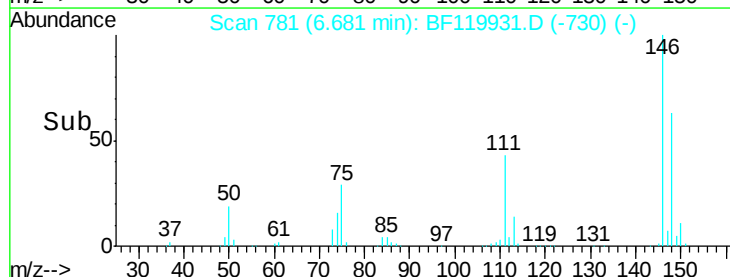
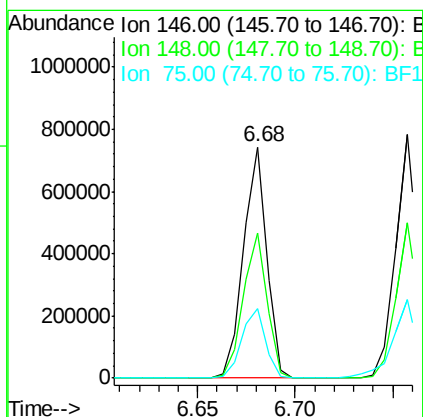
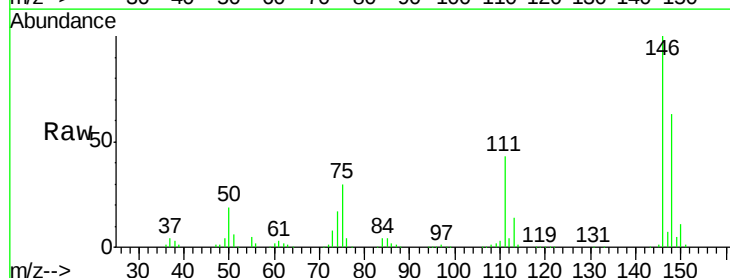
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

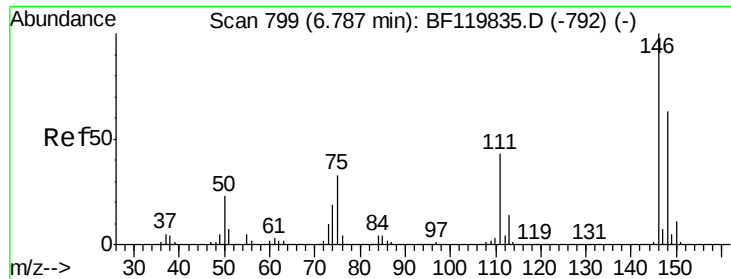
Tot Ion: 93 Resp: 569816
Ion Ratio Lower Upper
93 100
63 89.2 69.1 109.1
95 33.3 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 38.279 ng
RT: 6.68 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF119931.D
Acq: 14 Apr 2020 3:26

Tgt Ion: 146 Resp: 616053
Ion Ratio Lower Upper
146 100
148 62.6 51.3 76.9
75 29.9 25.3 37.9

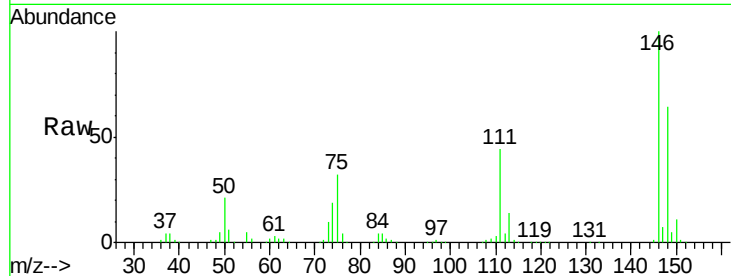




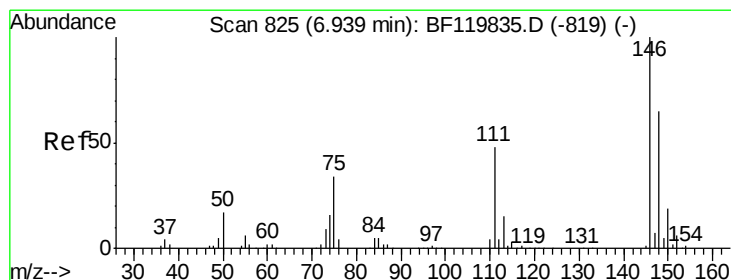
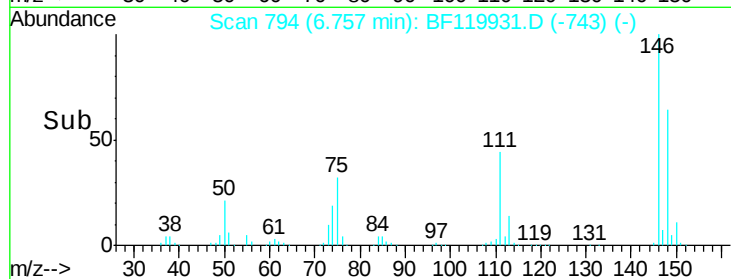
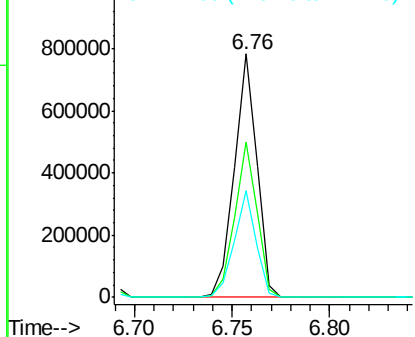
#13
 1,4-Dichlorobenzene
 Concen: 38.144 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF119931.D
 Acq: 14 Apr 2020 3:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:146 Resp: 625331
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.5 75.7
 111 43.6 34.7 52.1

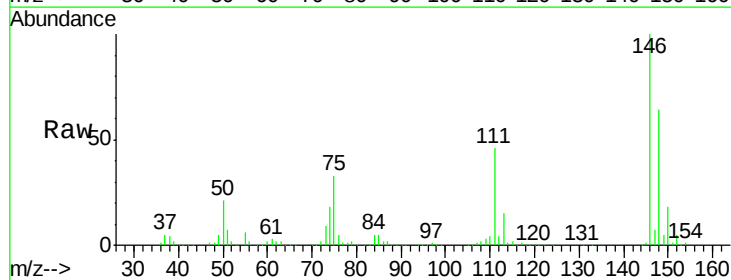


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

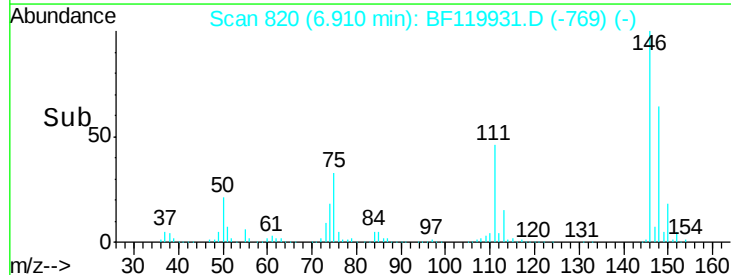
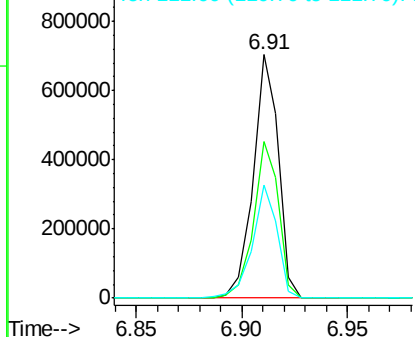


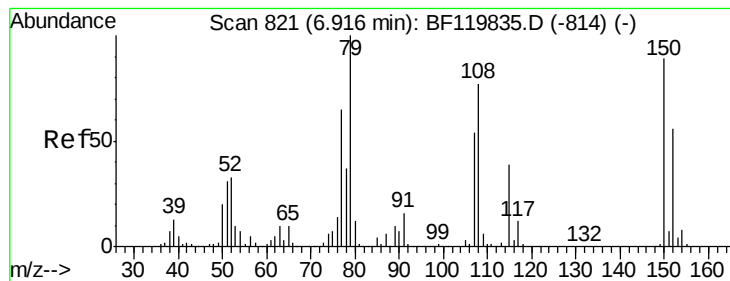
#14
 1,2-Dichlorobenzene
 Concen: 38.455 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF119931.D
 Acq: 14 Apr 2020 3:26

Tgt Ion:146 Resp: 581002
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.8 77.8
 111 46.3 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: 37.996 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF119931.D

Acq: 14 Apr 2020 3:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

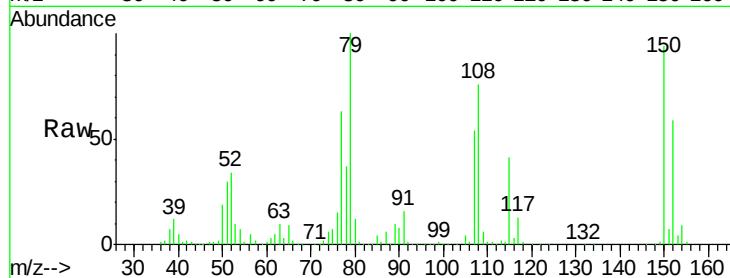
Tot Ion: 79 Resp: 500306

Ion Ratio Lower Upper

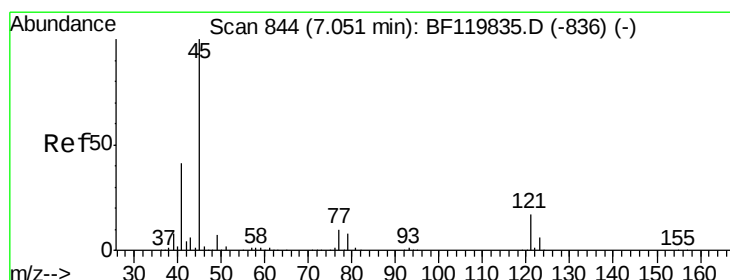
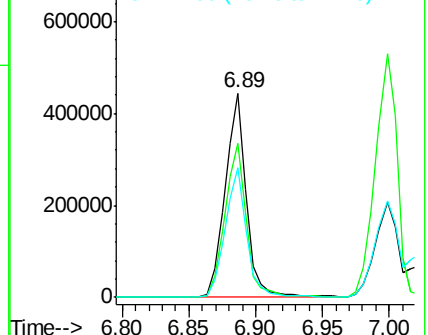
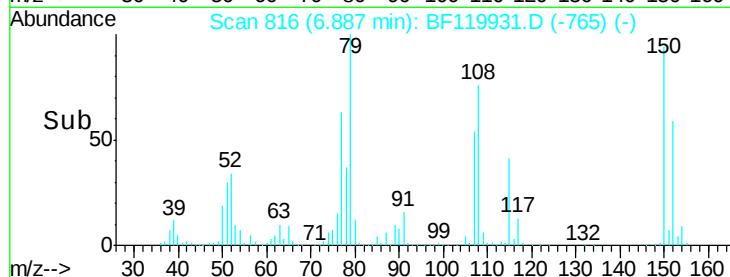
79 100

108 75.6 62.0 93.0

77 63.4 51.8 77.6



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.943 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF119931.D

Acq: 14 Apr 2020 3:26

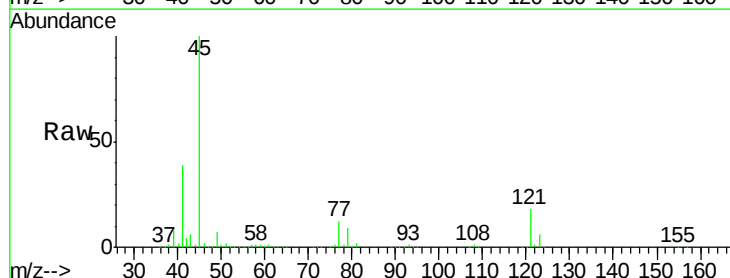
Tgt Ion: 45 Resp: 1038651

Ion Ratio Lower Upper

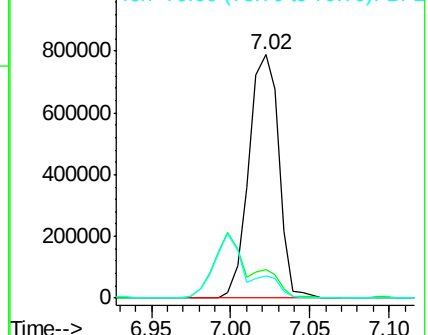
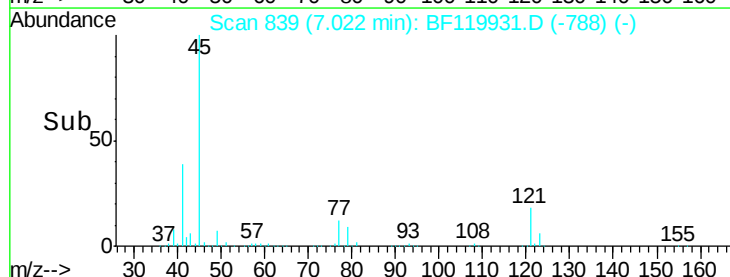
45 100

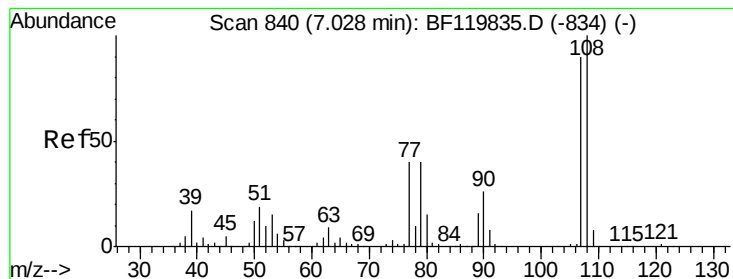
77 11.7 0.0 30.7

79 8.9 0.0 28.6



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

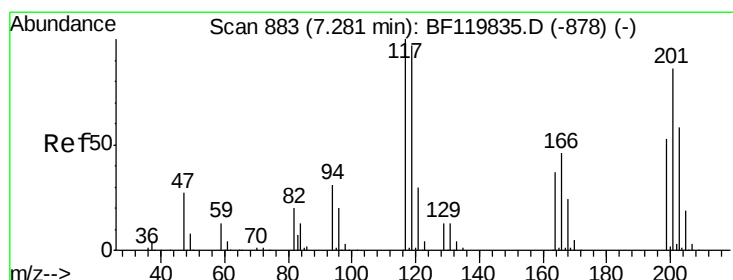
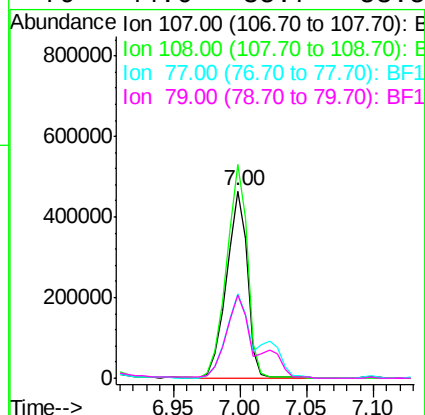
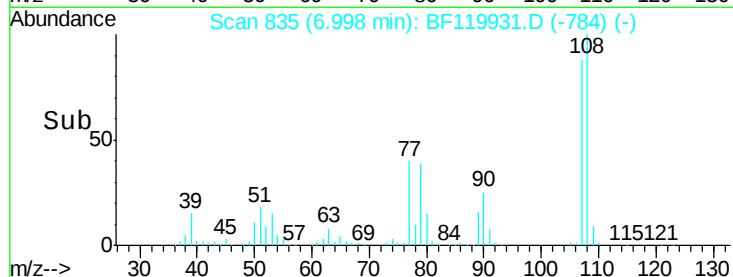
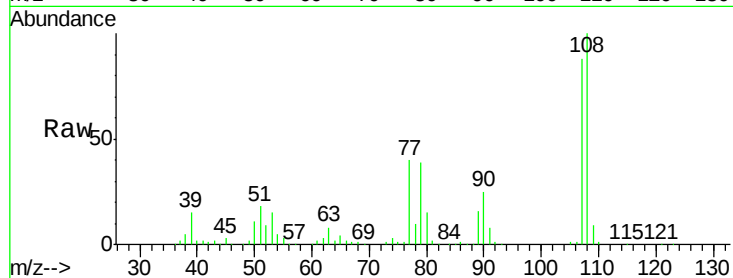




#17
2-Methylphenol
Concen: 39.303 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF119931.D
Acq: 14 Apr 2020 3:26

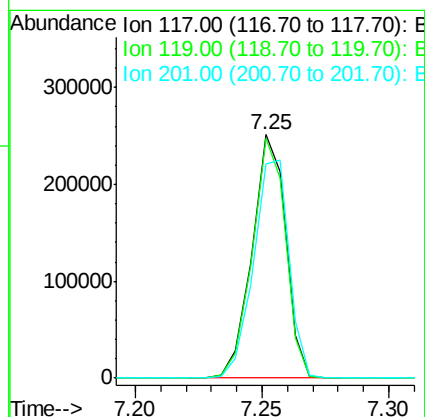
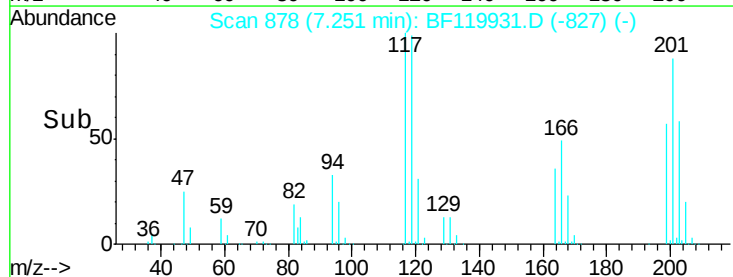
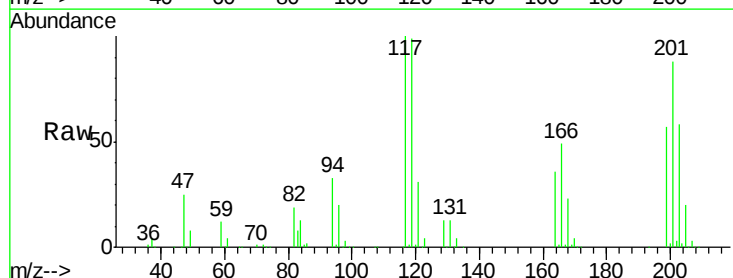
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	515601
Ion	Ratio	Lower	Upper
107	100		
108	114.0	88.8	133.2
77	45.4	36.0	54.0
79	44.6	35.7	53.5



#18
Hexachloroethane
Concen: 37.961 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF119931.D
Acq: 14 Apr 2020 3:26

Tgt Ion:	117	Resp:	232584
Ion	Ratio	Lower	Upper
117	100		
119	98.7	77.4	116.0
201	87.7	68.4	102.6

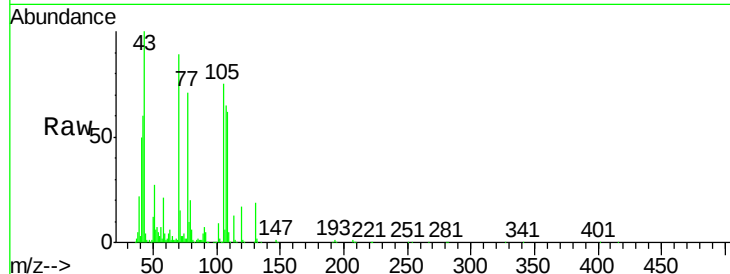




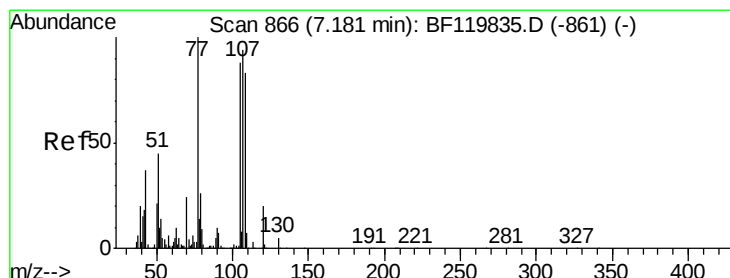
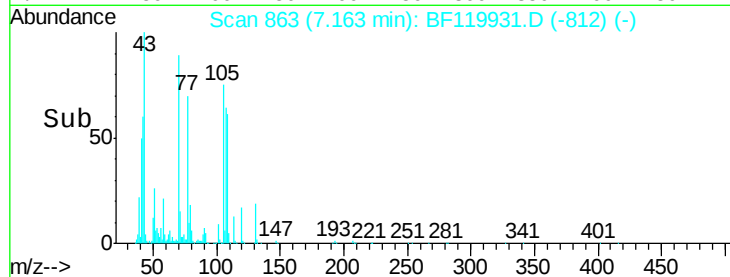
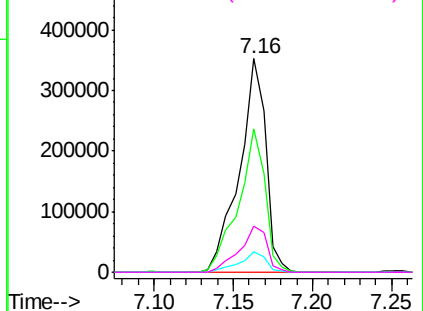
#19
n-Nitroso-di-n-propylamine
Concen: 37.209 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF119931.D
Acq: 14 Apr 2020 3:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 70 Resp: 405637
Ion Ratio Lower Upper
70 100
42 67.0 54.2 81.4
101 9.6 7.4 11.2
130 21.6 17.8 26.6

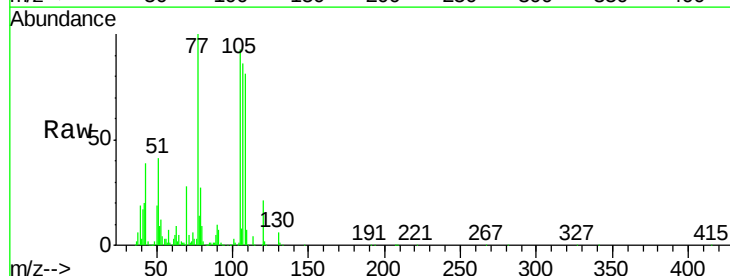


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

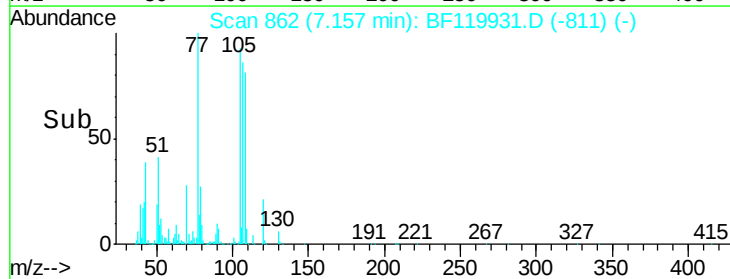
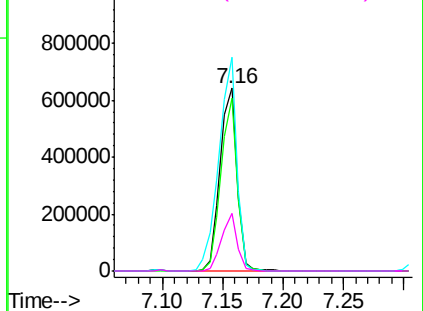


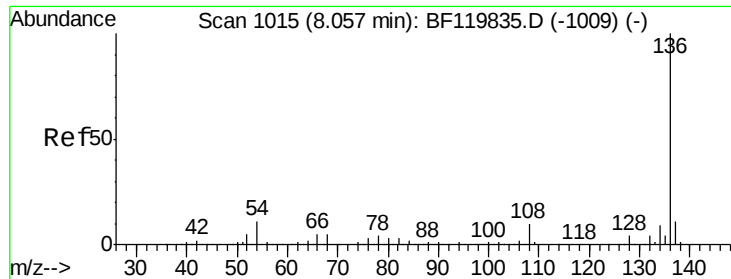
#20
3+4-Methylphenols
Concen: 38.921 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BF119931.D
Acq: 14 Apr 2020 3:26

Tgt Ion: 107 Resp: 624474
Ion Ratio Lower Upper
107 100
108 94.6 68.2 108.2
77 116.7 86.6 126.6
79 31.3 7.7 47.7



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

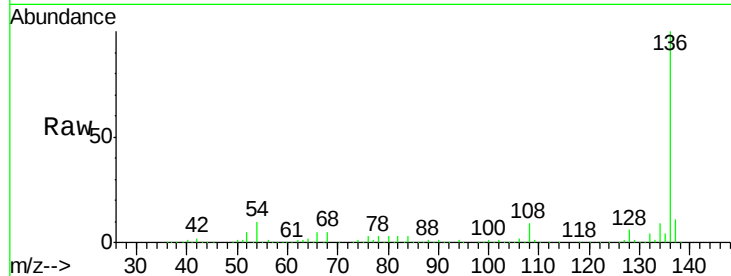




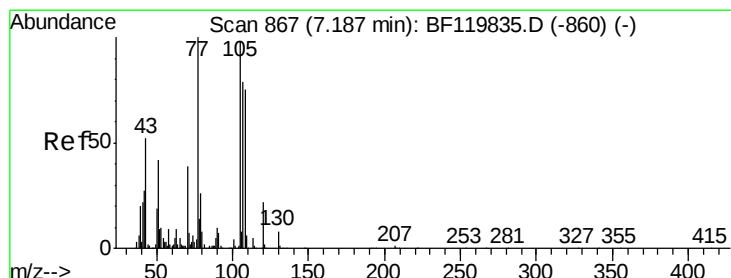
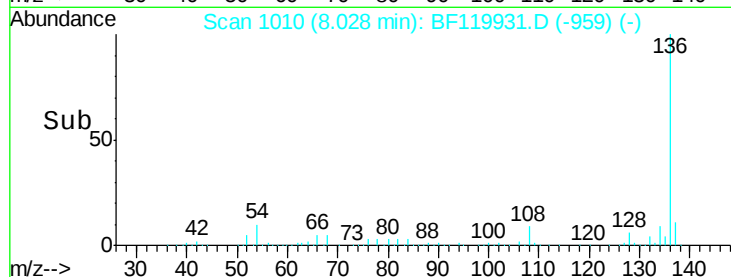
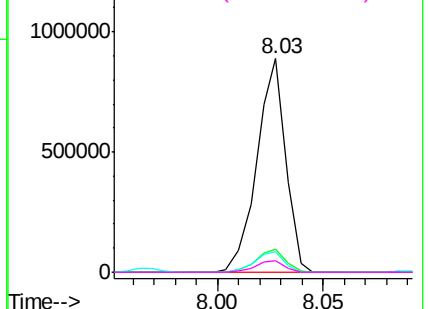
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF119931.D
Acq: 14 Apr 2020 3:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	842091
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.7 13.1
54	9.8	8.5 12.7
68	5.4	3.9 5.9

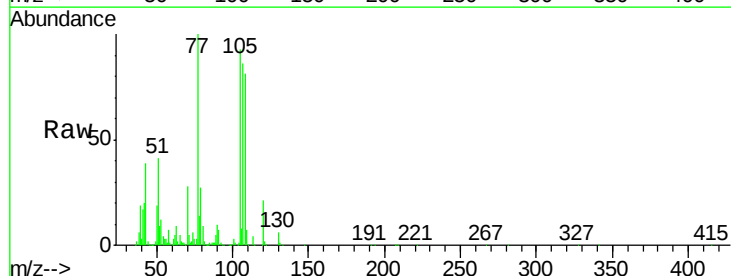


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

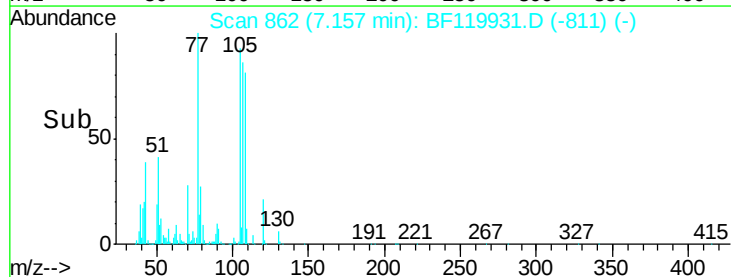
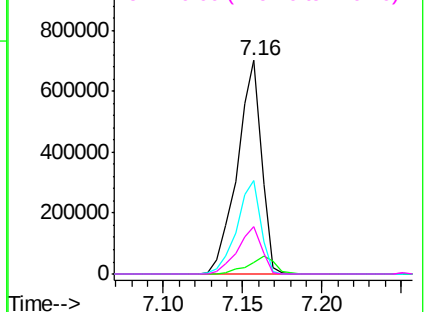


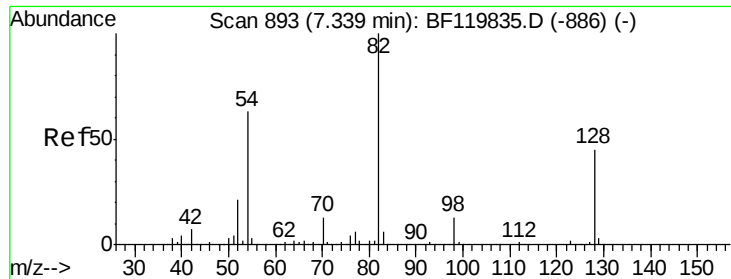
#22
Acetophenone
Concen: 37.547 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BF119931.D
Acq: 14 Apr 2020 3:26

Tgt Ion:105	Resp:	740389
Ion Ratio	Lower	Upper
105	100	
71	5.2	5.6 8.4#
51	43.8	33.9 50.9
120	22.3	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

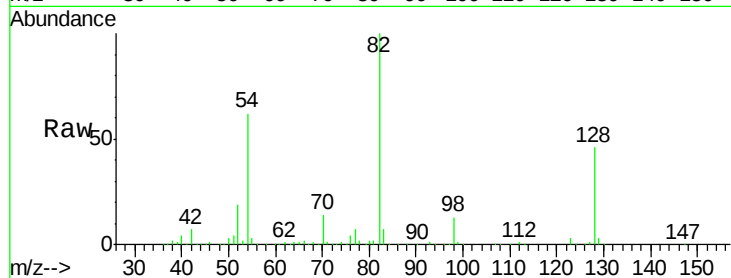




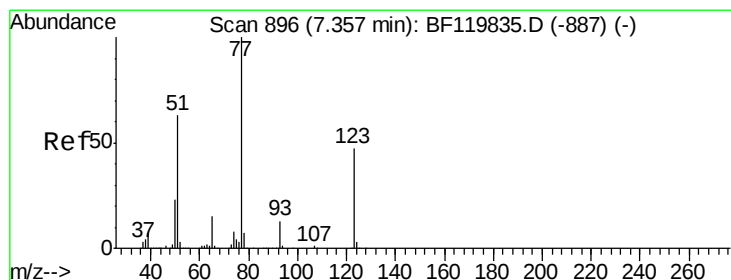
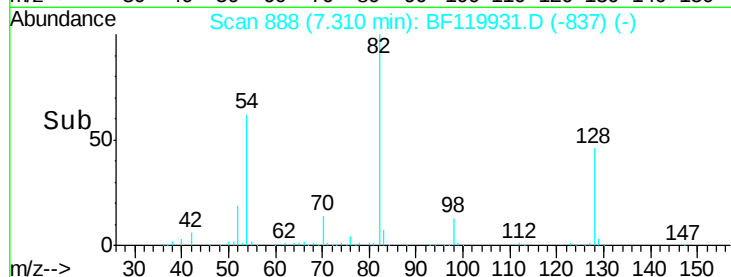
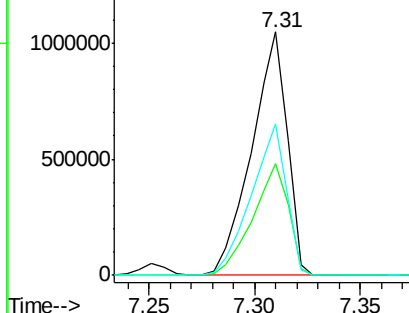
#23
 Nitrobenzene-d5
 Concen: 74.994 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.00 min
 Lab File: BF119931.D
 Acq: 14 Apr 2020 3:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1220706
 Ion Ratio Lower Upper
 82 100
 128 46.1 36.2 54.4
 54 62.1 50.4 75.6

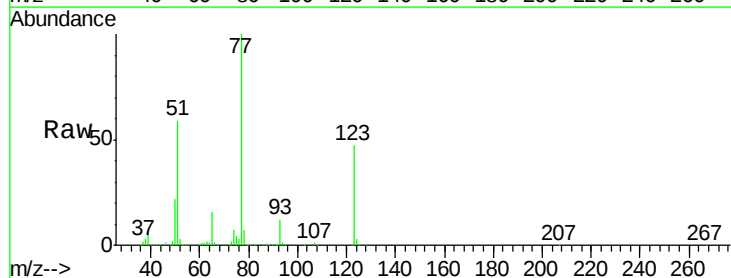


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

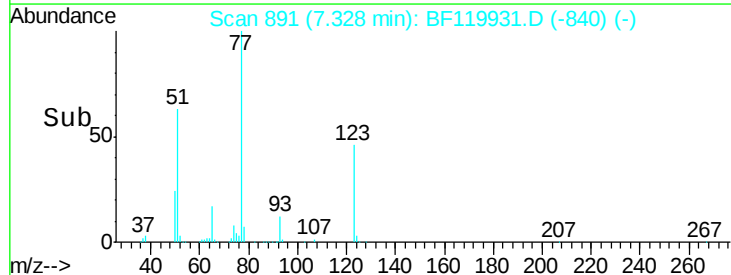
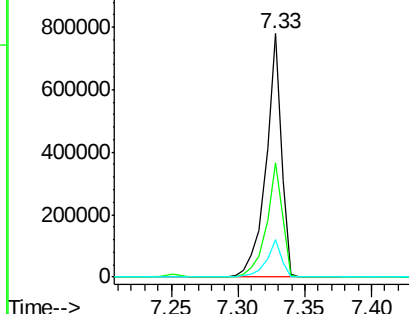


#24
 Nitrobenzene
 Concen: 37.947 ng
 RT: 7.33 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF119931.D
 Acq: 14 Apr 2020 3:26

Tgt Ion: 77 Resp: 621356
 Ion Ratio Lower Upper
 77 100
 123 46.9 37.8 56.8
 65 15.5 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: 37.595 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF119931.D

Acq: 14 Apr 2020 3:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

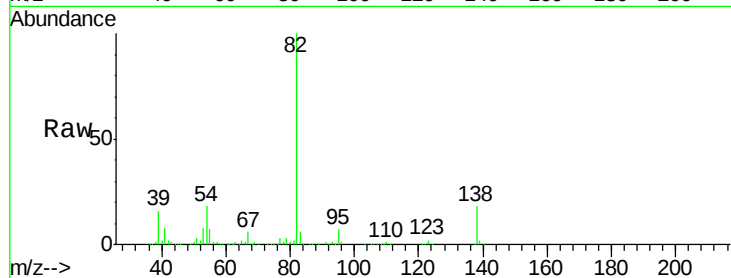
Tot Ion: 82 Resp: 1179650

Ion Ratio Lower Upper

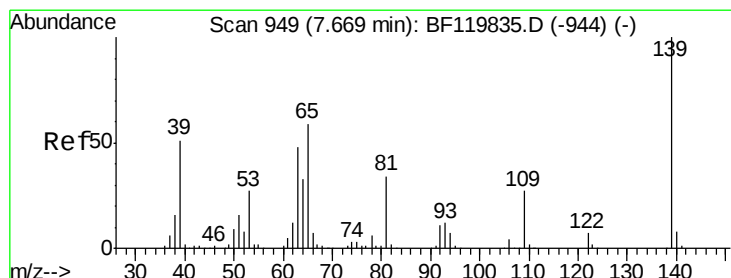
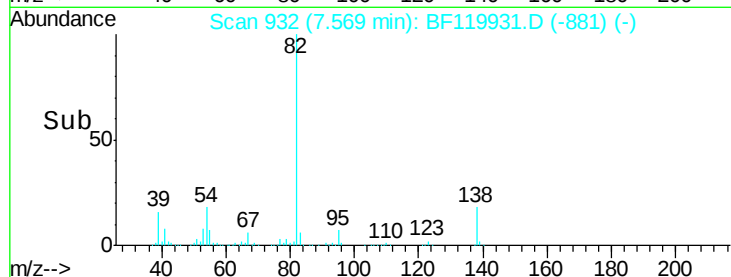
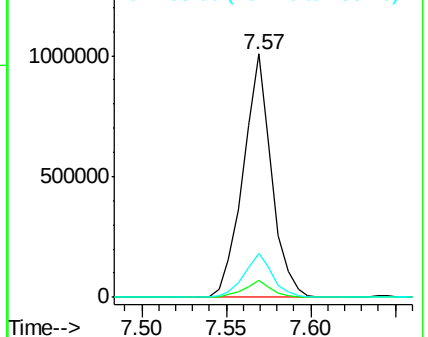
82 100

95 6.9 5.8 8.6

138 18.0 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: 38.914 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF119931.D

Acq: 14 Apr 2020 3:26

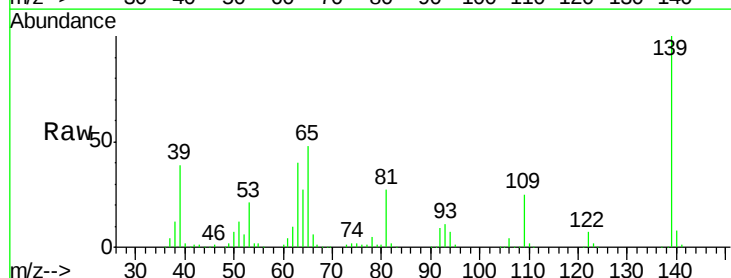
Tgt Ion:139 Resp: 318341

Ion Ratio Lower Upper

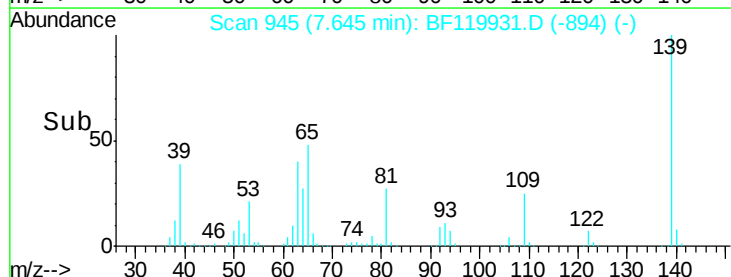
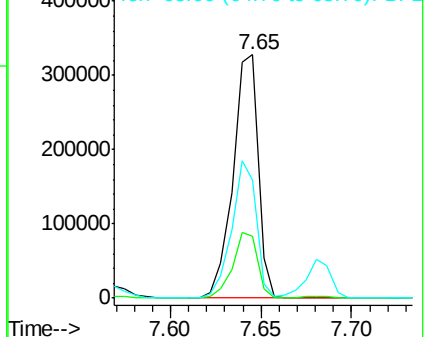
139 100

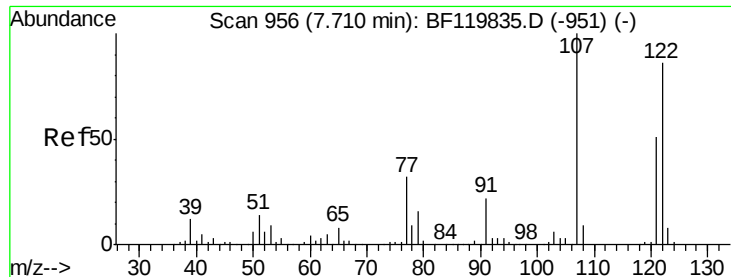
109 25.3 21.8 32.6

65 48.4 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

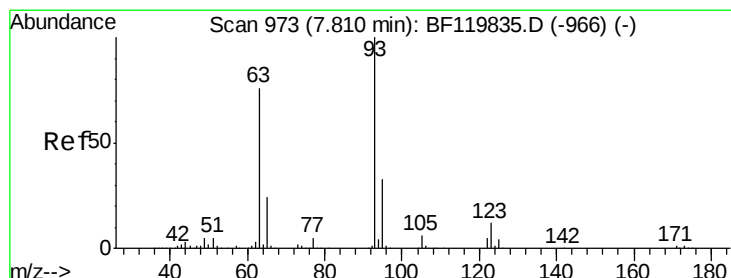
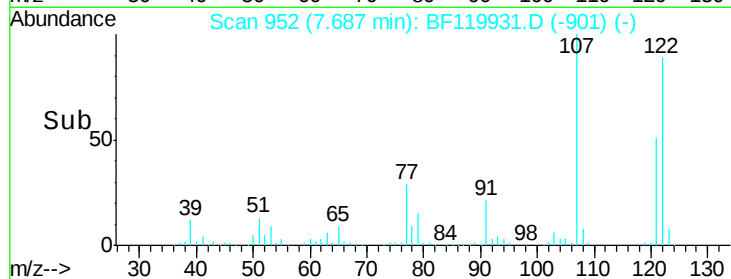
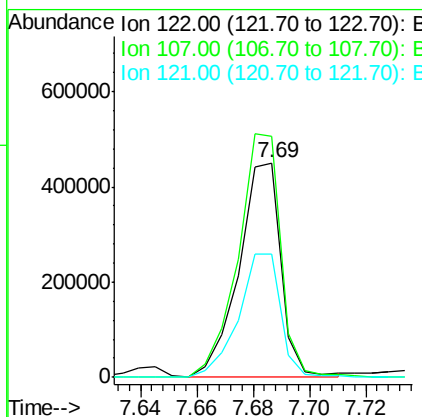
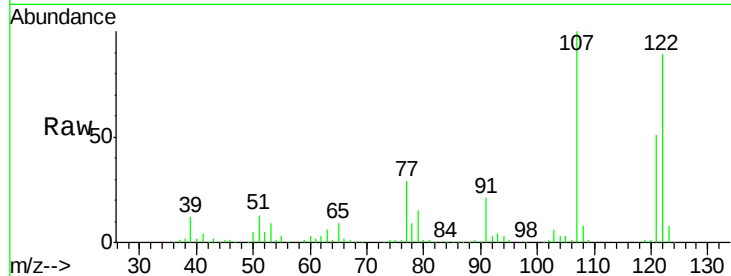




#27
 2,4-Dimethylphenol
 Concen: 37.939 ng
 RT: 7.69 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF119931.D
 Acq: 14 Apr 2020 3:26

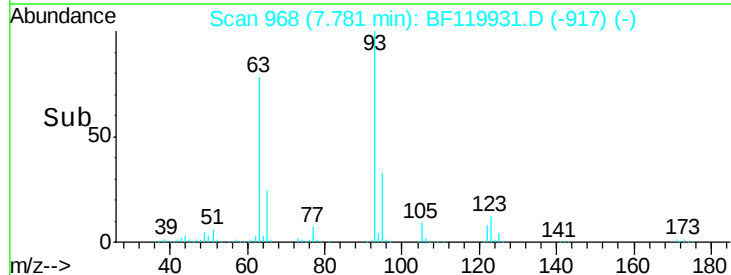
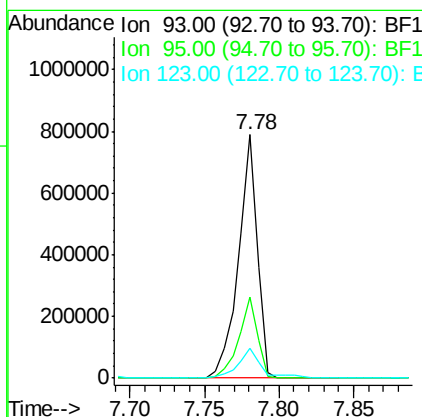
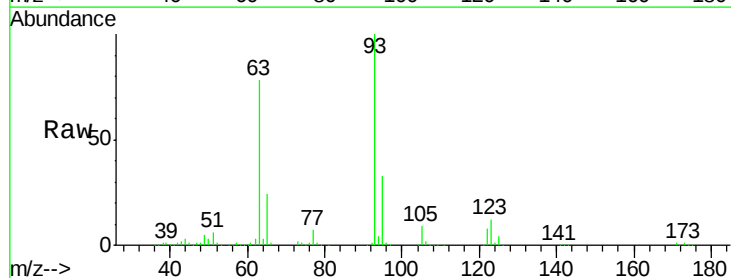
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

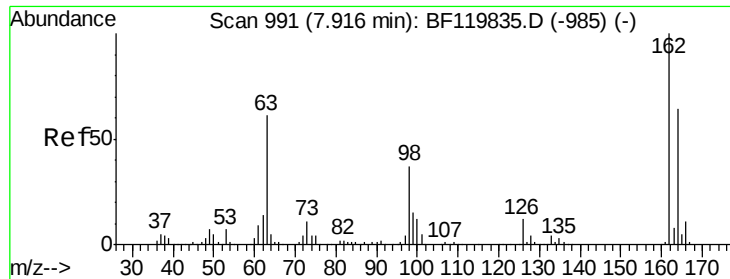
Tot Ion:122 Resp: 468092
 Ion Ratio Lower Upper
 122 100
 107 112.7 92.3 138.5
 121 57.8 46.6 70.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.777 ng
 RT: 7.78 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BF119931.D
 Acq: 14 Apr 2020 3:26

Tgt Ion: 93 Resp: 697520
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.4 39.6
 123 12.1 9.7 14.5

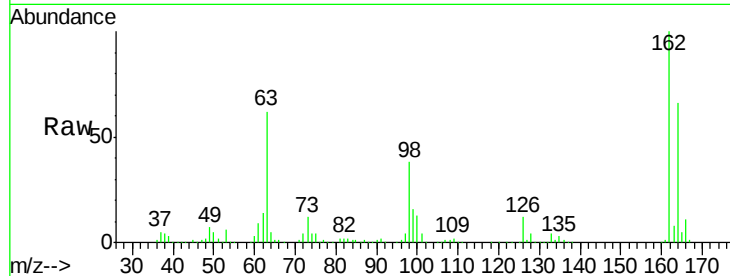




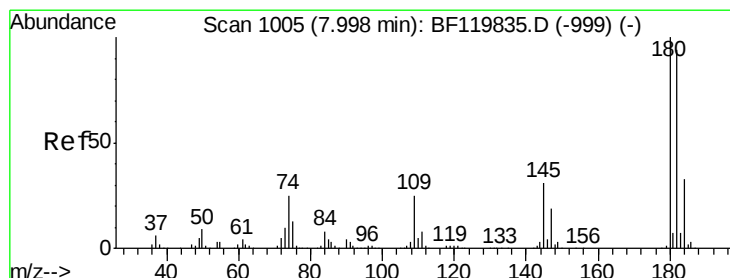
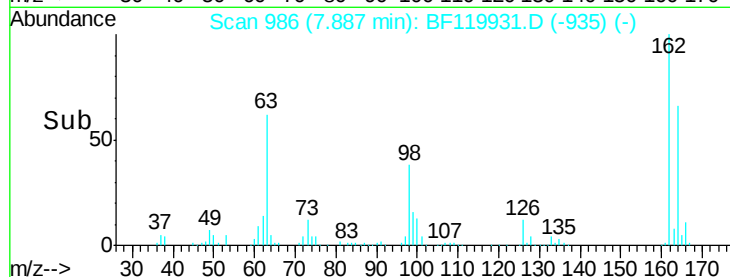
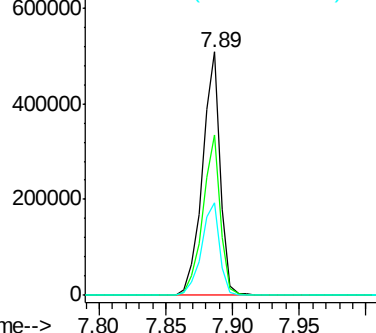
#29
2,4-Dichlorophenol
Concen: 37.722 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF119931.D
Acq: 14 Apr 2020 3:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.0	44.4	84.4
98	38.1	17.3	57.3

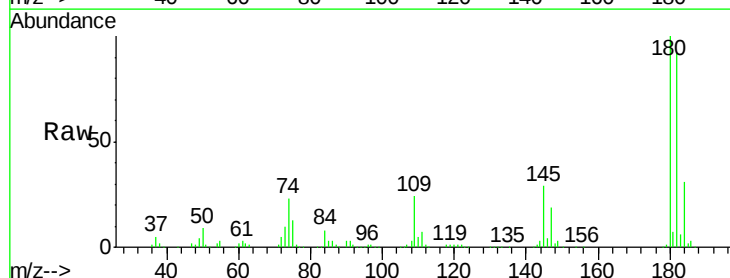


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

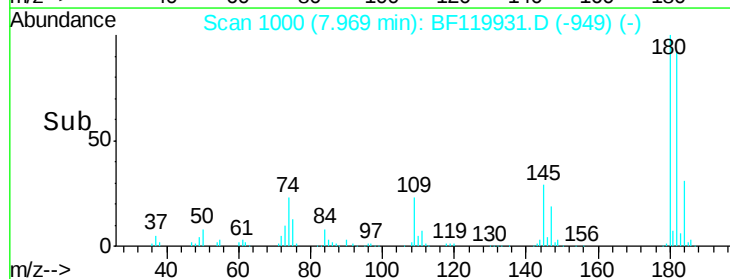
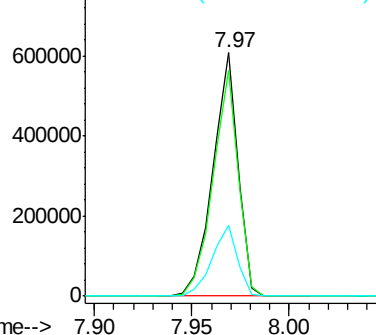


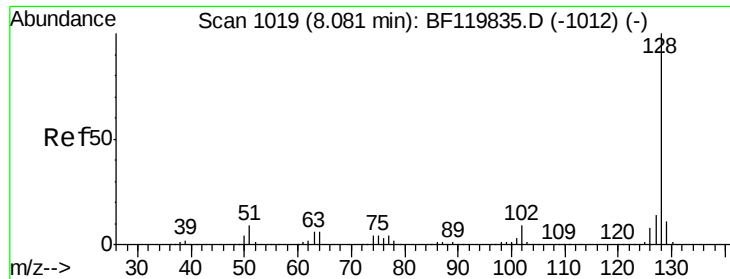
#30
1,2,4-Trichlorobenzene
Concen: 37.689 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BF119931.D
Acq: 14 Apr 2020 3:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.4	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

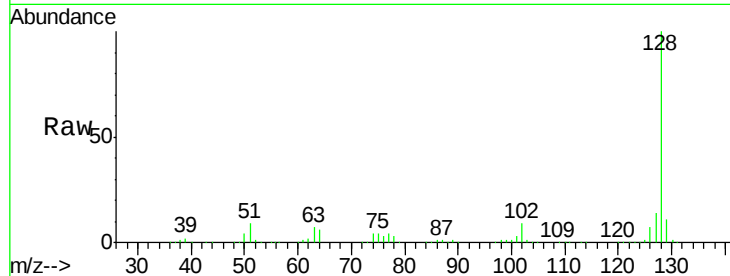




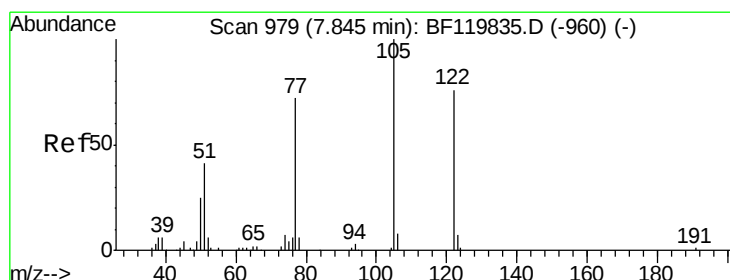
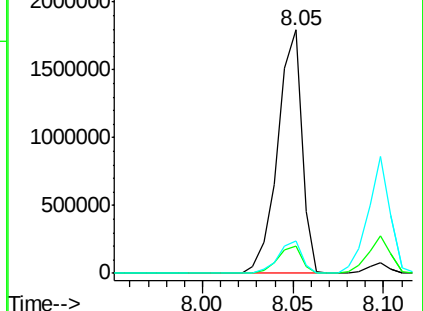
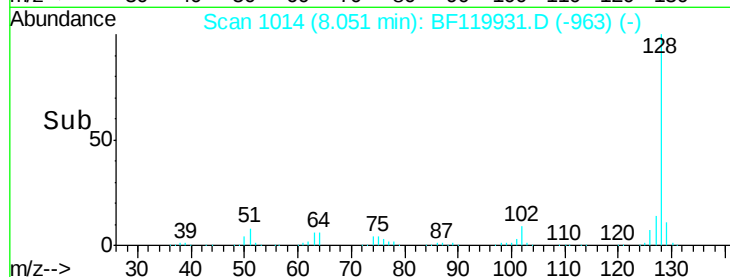
#31
Naphthalene
Concen: 37.642 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BF119931.D
Acq: 14 Apr 2020 3:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1667705
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.6 11.0 16.4

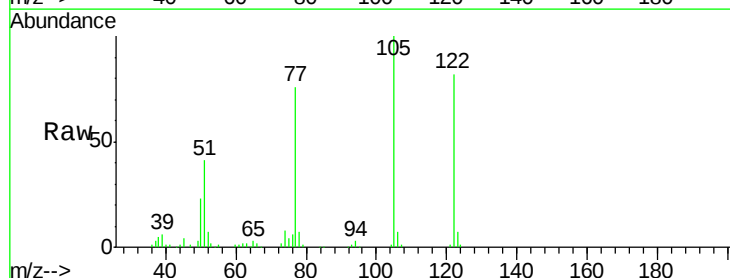


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

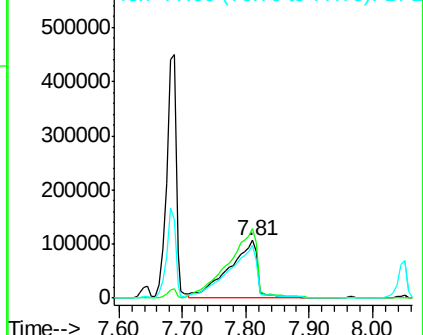
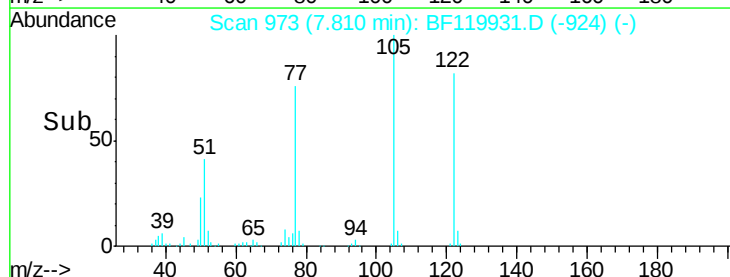


#32
Benzoic acid
Concen: 30.803 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BF119931.D
Acq: 14 Apr 2020 3:26

Tgt Ion:122 Resp: 333777
Ion Ratio Lower Upper
122 100
105 121.4 106.7 146.7
77 92.4 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

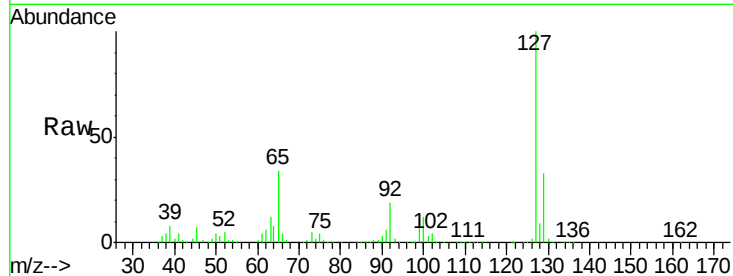




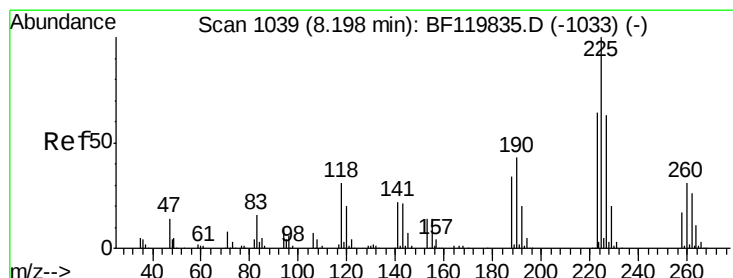
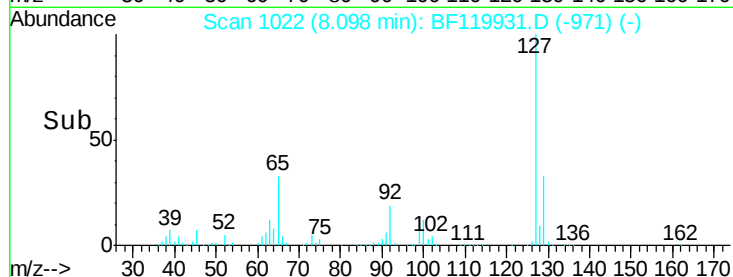
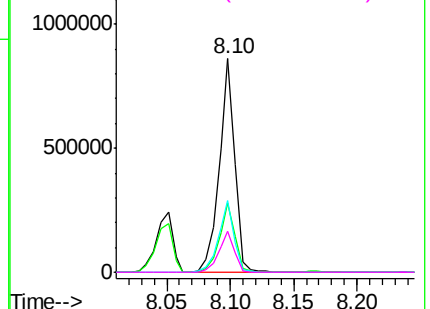
#33
4-Chloroaniline
Concen: 38.582 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF119931.D
Acq: 14 Apr 2020 3:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	744165
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.2
65	33.6	28.3	42.5
92	19.0	15.4	23.2

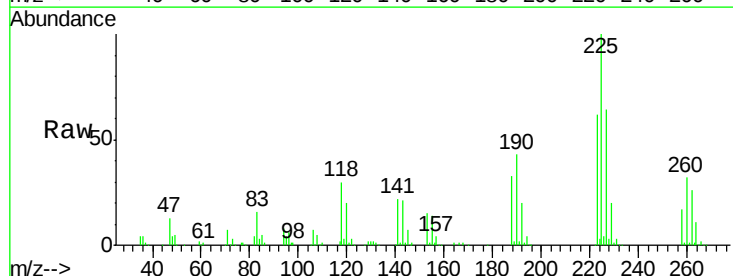


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

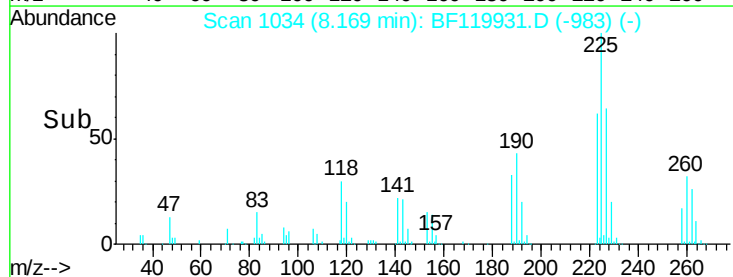
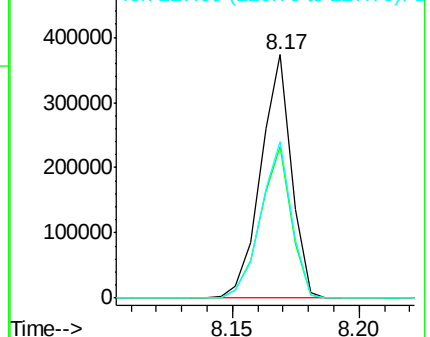


#34
Hexachlorobutadiene
Concen: 36.433 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF119931.D
Acq: 14 Apr 2020 3:26

Tgt Ion:	225	Resp:	312520
Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.0	76.6
227	64.4	50.4	75.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

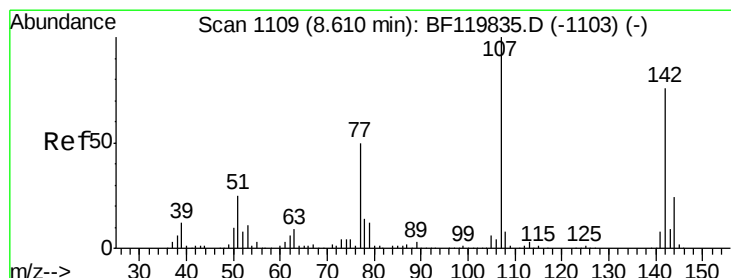
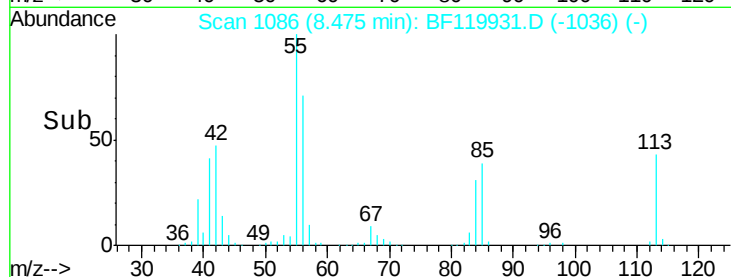
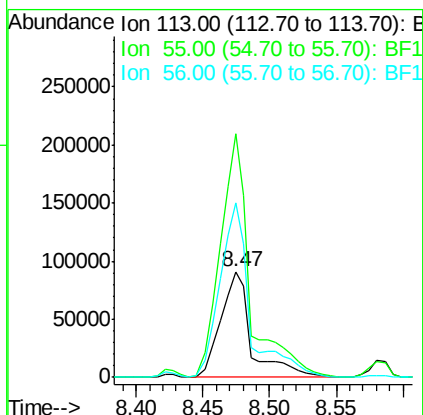
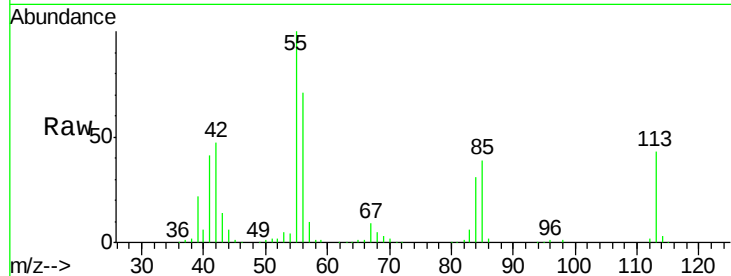




#35
 Caprolactam
 Concen: 38.105 ng
 RT: 8.47 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BF119931.D
 Acq: 14 Apr 2020 3:26

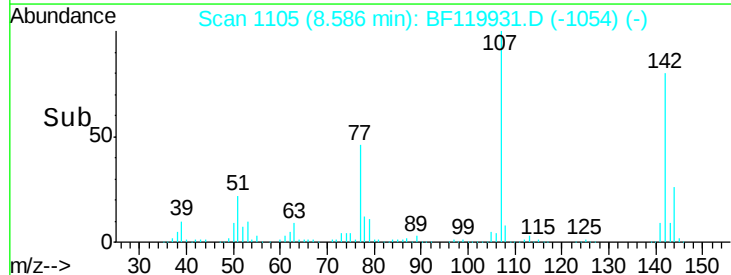
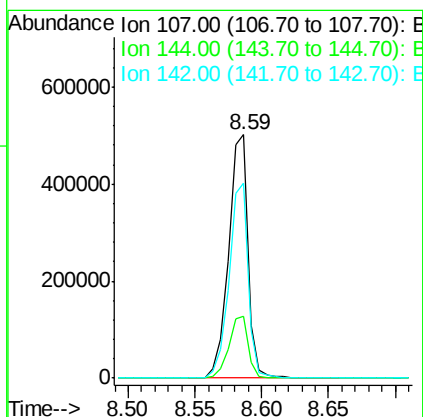
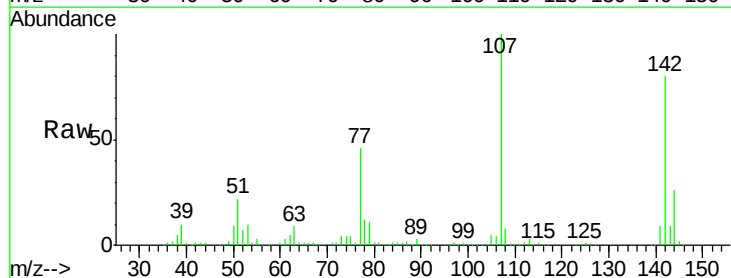
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

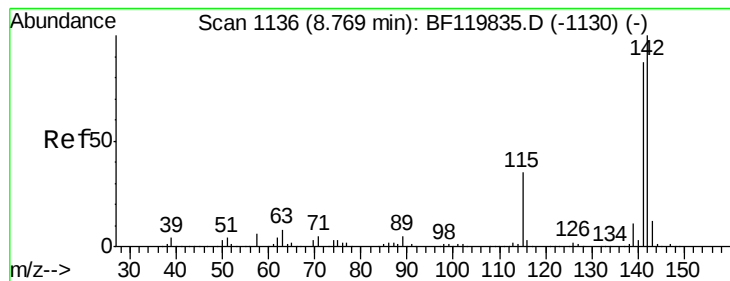
Tot Ion:113 Resp: 147413
 Ion Ratio Lower Upper
 113 100
 55 231.1 192.7 232.7
 56 165.1 133.3 173.3



#36
 4-Chloro-3-methylphenol
 Concen: 37.882 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. -0.00 min
 Lab File: BF119931.D
 Acq: 14 Apr 2020 3:26

Tgt Ion:107 Resp: 518684
 Ion Ratio Lower Upper
 107 100
 144 25.6 19.5 29.3
 142 80.3 60.5 90.7





#37

2-Methylnaphthalene

Concen: 36.980 ng

RT: 8.74 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BF119931.D

Acq: 14 Apr 2020 3:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

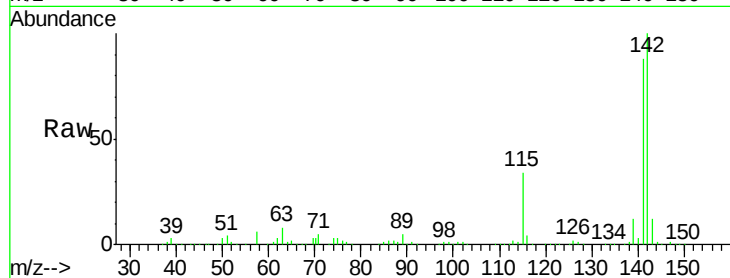
Tot Ion:142 Resp: 1110776

Ion Ratio Lower Upper

142 100

141 87.8 69.9 104.9

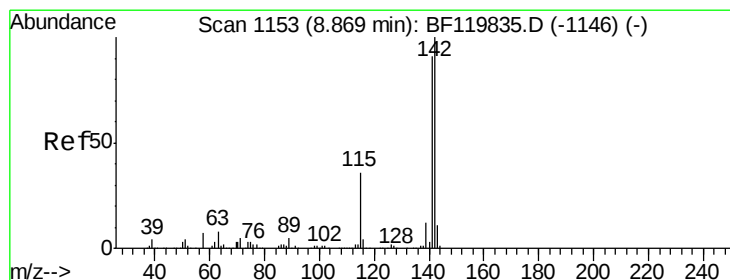
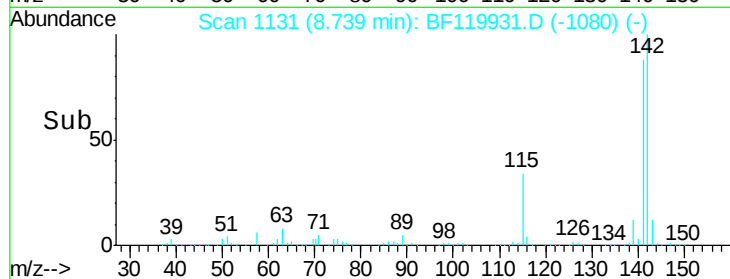
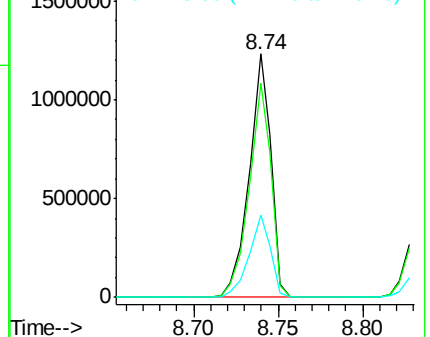
115 34.0 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 36.809 ng

RT: 8.84 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF119931.D

Acq: 14 Apr 2020 3:26

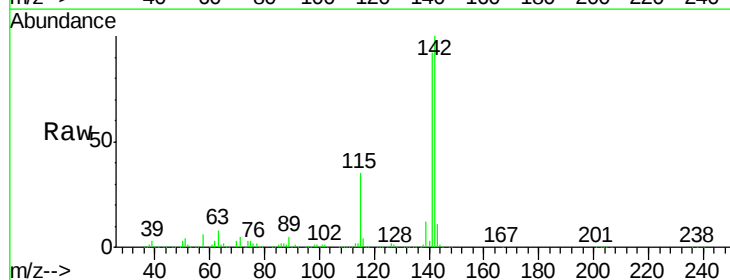
Tgt Ion:142 Resp: 1042118

Ion Ratio Lower Upper

142 100

141 92.1 72.9 109.3

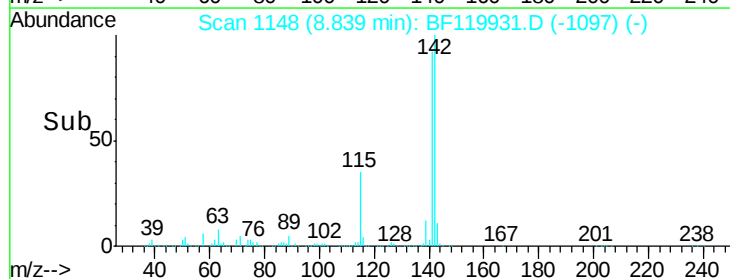
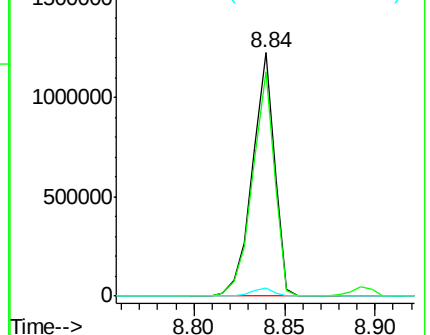
116 3.6 3.0 4.6

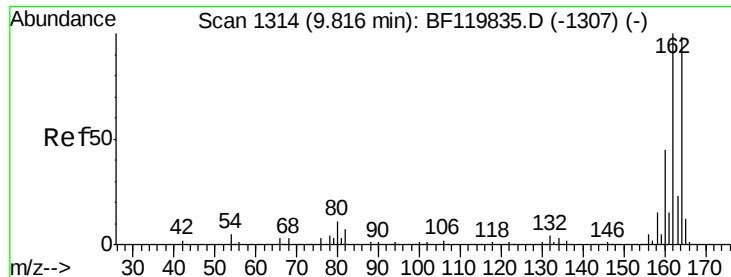


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

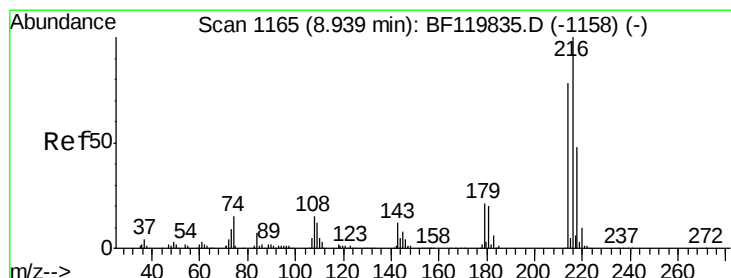
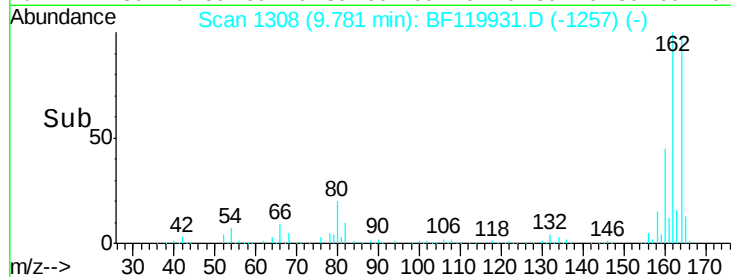
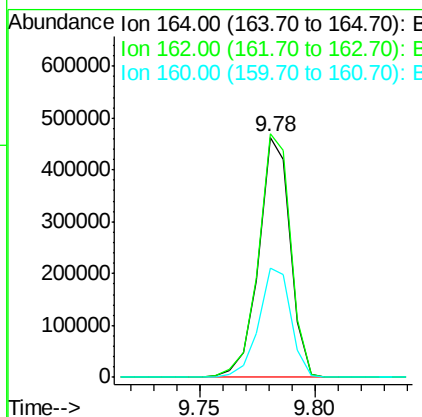
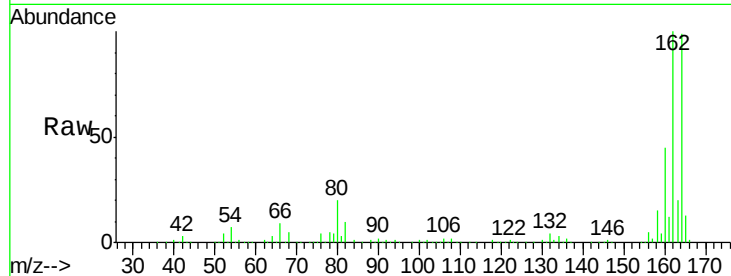




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.00 min
 Lab File: BF119931.D
 Acq: 14 Apr 2020 3:26

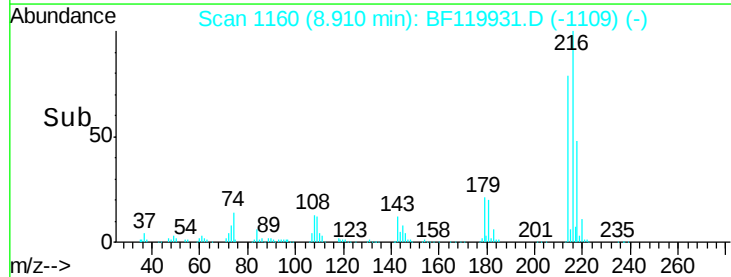
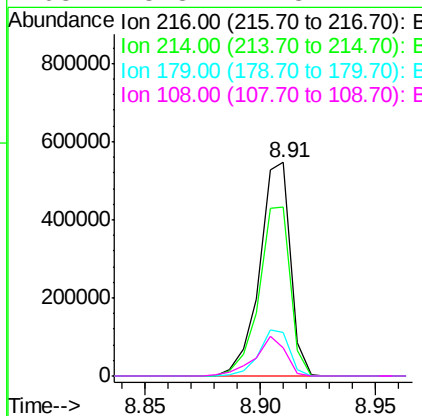
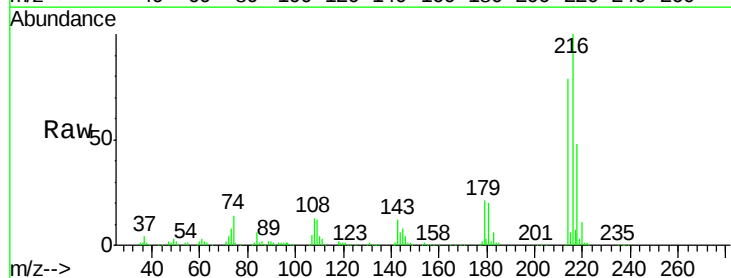
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

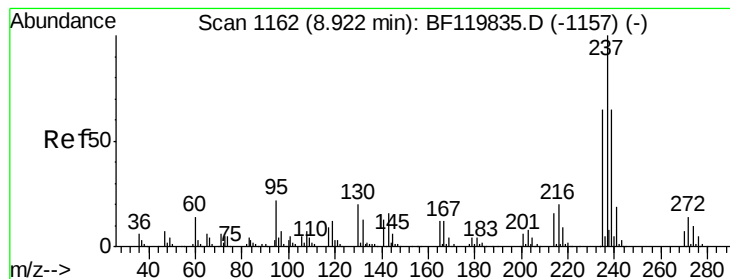
Tot Ion:164 Resp: 439993
 Ion Ratio Lower Upper
 164 100
 162 101.5 81.9 122.9
 160 45.5 36.6 54.8



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.739 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BF119931.D
 Acq: 14 Apr 2020 3:26

Tgt Ion:216 Resp: 510560
 Ion Ratio Lower Upper
 216 100
 214 80.3 63.1 94.7
 179 21.5 17.0 25.4
 108 18.3 14.8 22.2





#41

Hexachlorocyclopentadiene

Concen: 43.219 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF119931.D

Acq: 14 Apr 2020 3:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

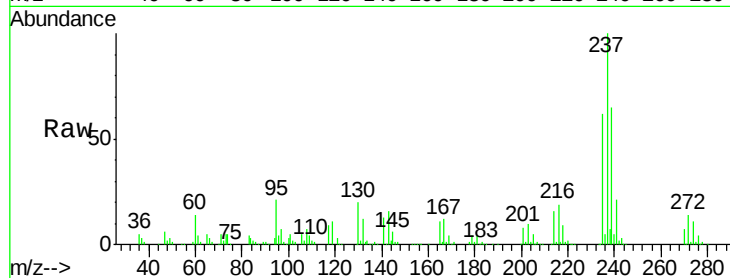
Tot Ion:237 Resp: 341529

Ion Ratio Lower Upper

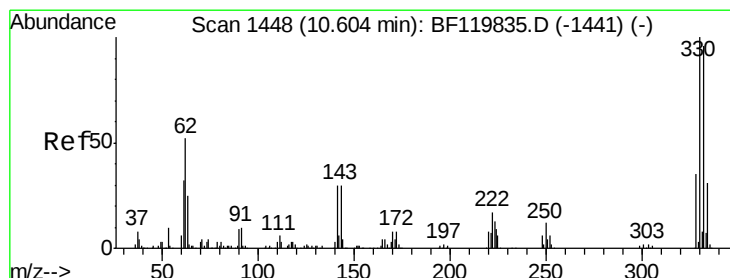
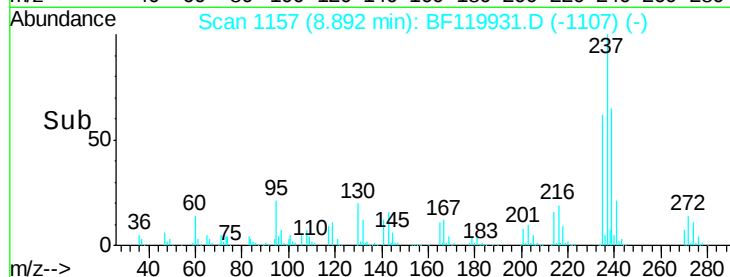
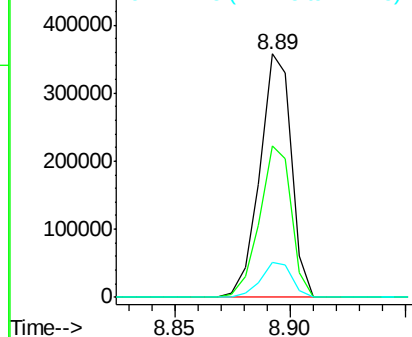
237 100

235 62.4 44.9 84.9

272 14.1 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: 74.097 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.00 min

Lab File: BF119931.D

Acq: 14 Apr 2020 3:26

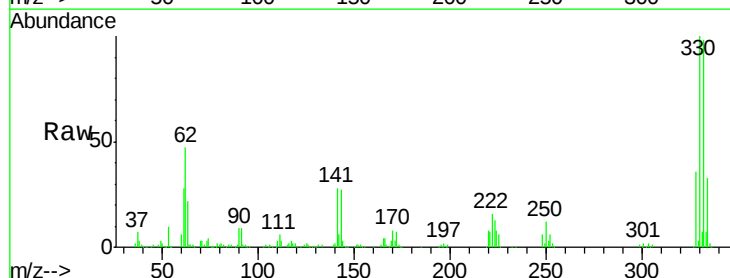
Tgt Ion:330 Resp: 399159

Ion Ratio Lower Upper

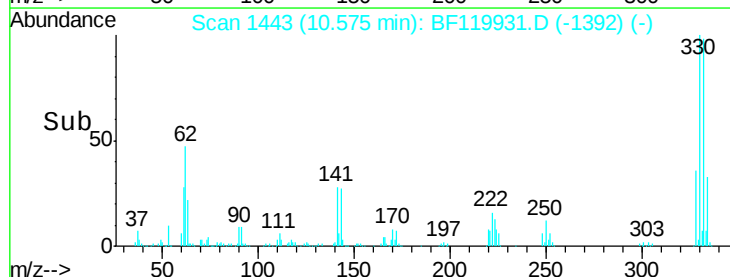
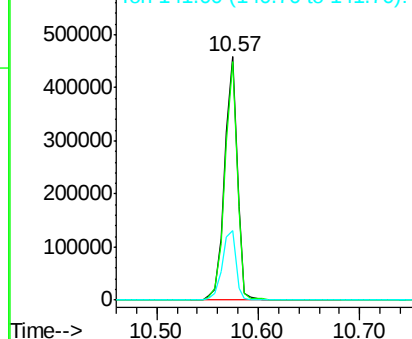
330 100

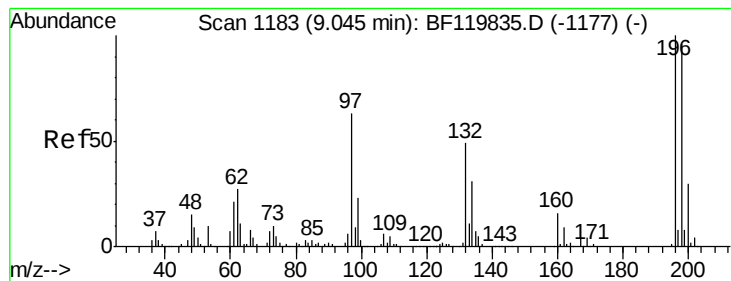
332 95.7 76.8 115.2

141 30.6 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: 36.962 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF119931.D

Acq: 14 Apr 2020 3:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

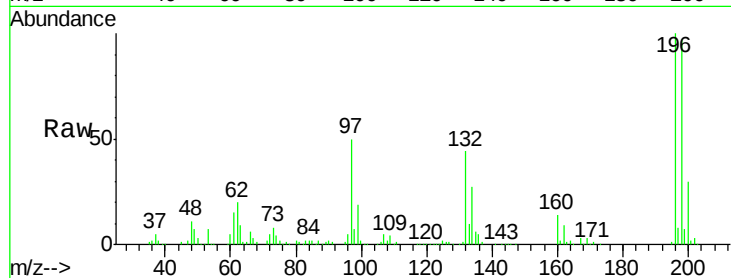
Tot Ion:196 Resp: 354706

Ion Ratio Lower Upper

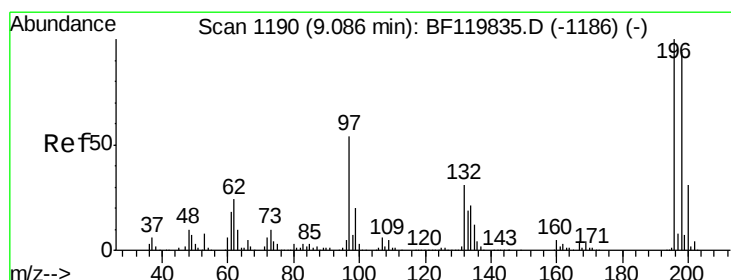
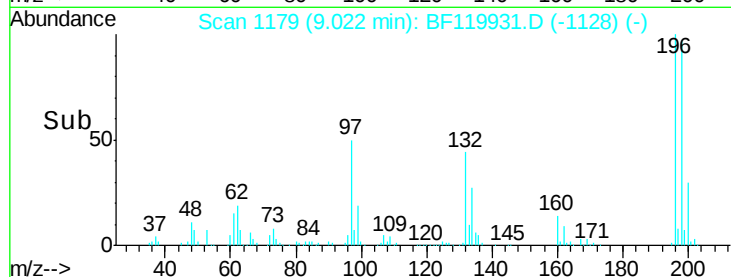
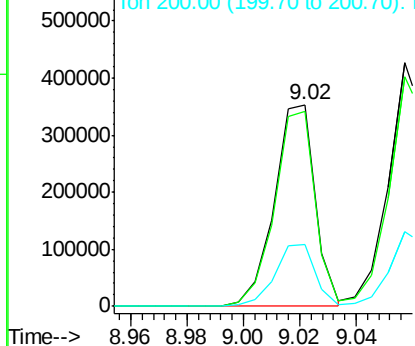
196 100

198 97.0 76.6 115.0

200 30.5 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: 37.550 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF119931.D

Acq: 14 Apr 2020 3:26

Tgt Ion:196 Resp: 405861

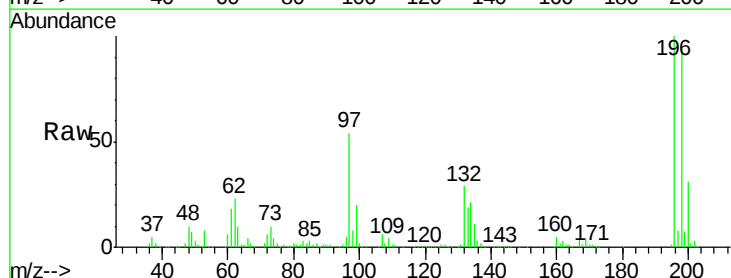
Ion Ratio Lower Upper

196 100

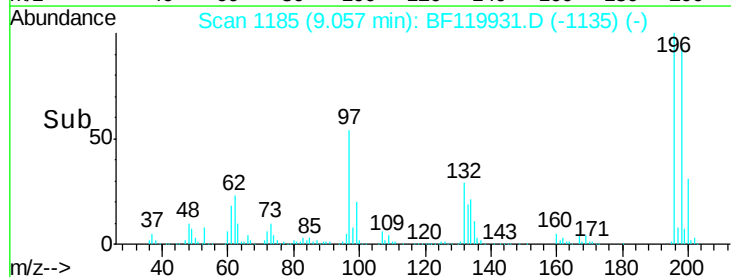
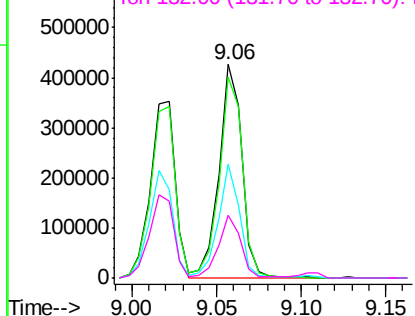
198 94.3 75.1 112.7

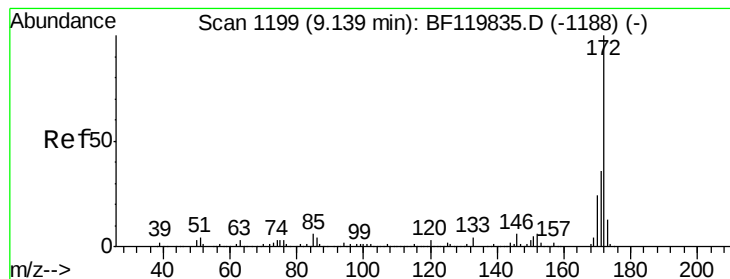
97 53.6 43.4 65.2

132 29.5 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: 73.093 ng

RT: 9.10 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BF119931.D

Acq: 14 Apr 2020 3:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

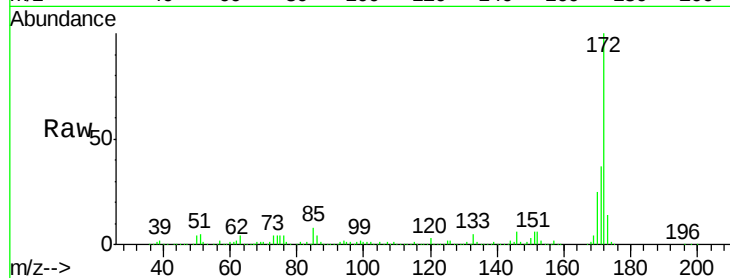
Tot Ion:172 Resp: 2265176

Ion Ratio Lower Upper

172 100

171 36.7 28.9 43.3

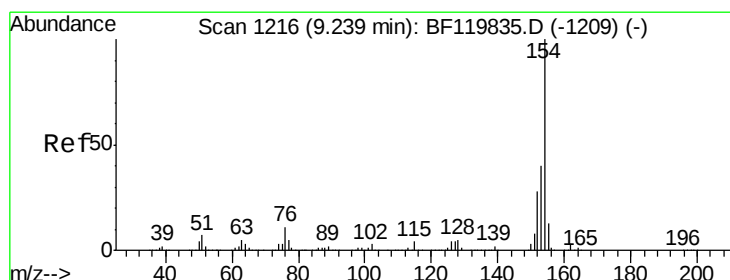
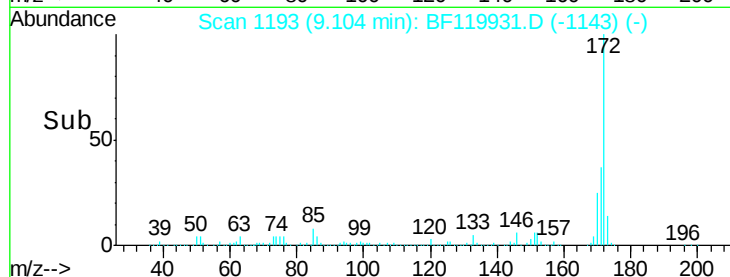
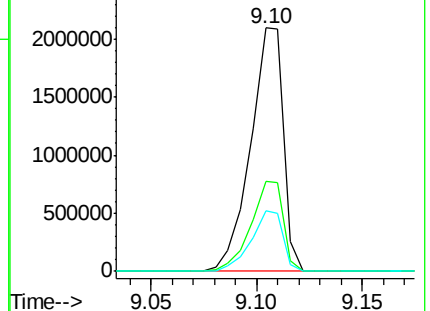
170 24.9 19.4 29.2



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: 37.353 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF119931.D

Acq: 14 Apr 2020 3:26

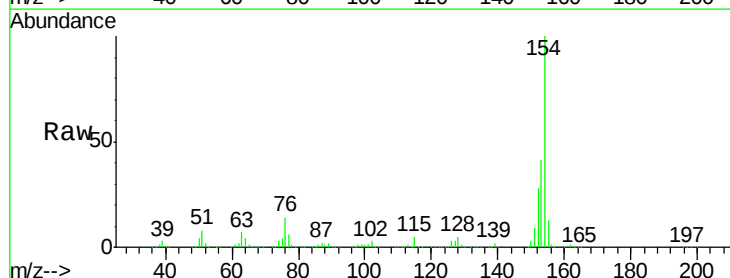
Tgt Ion:154 Resp: 1387199

Ion Ratio Lower Upper

154 100

153 40.6 20.5 60.5

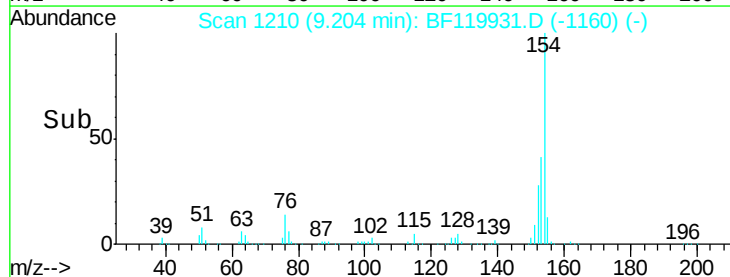
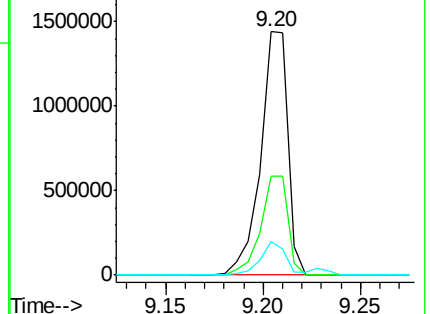
76 13.7 0.0 30.6

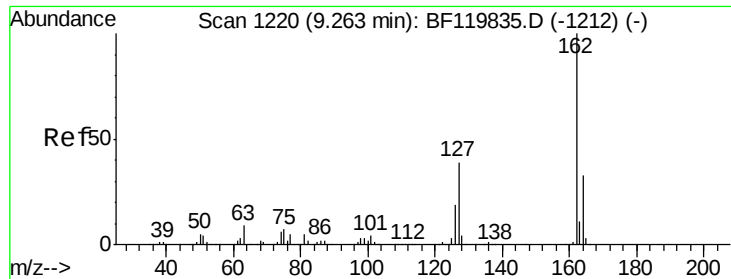


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

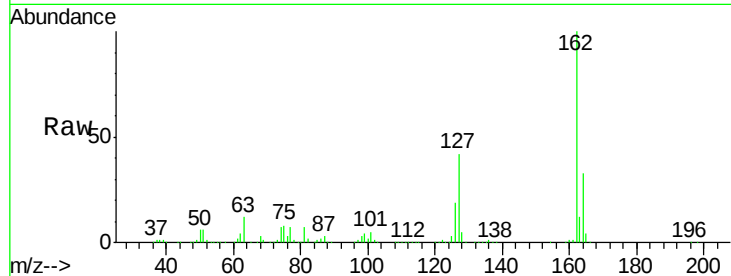




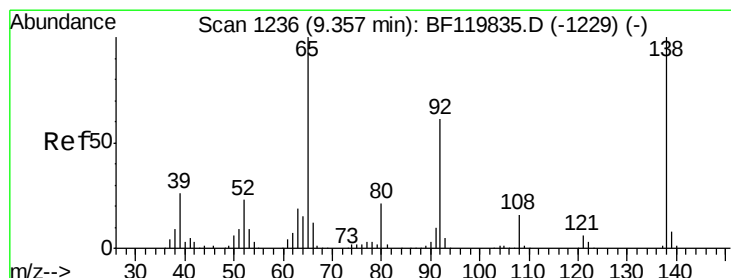
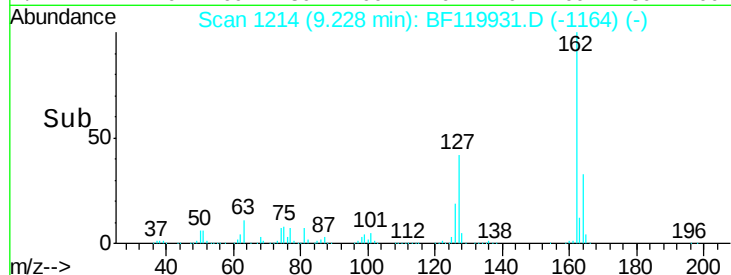
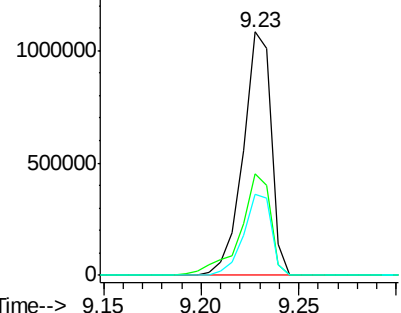
#47
 2-Chloronaphthalene
 Concen: 37.657 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF119931.D
 Acq: 14 Apr 2020 3:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 1077333
 Ion Ratio Lower Upper
 162 100
 127 41.9 31.2 46.8
 164 33.2 26.3 39.5

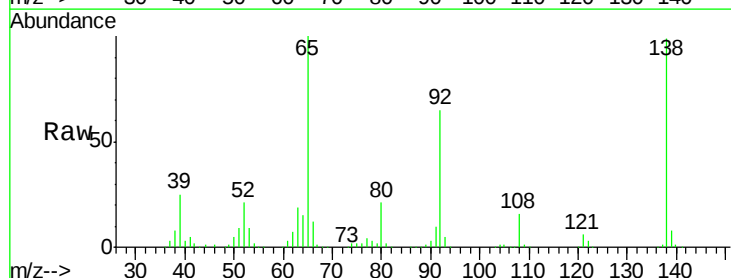


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

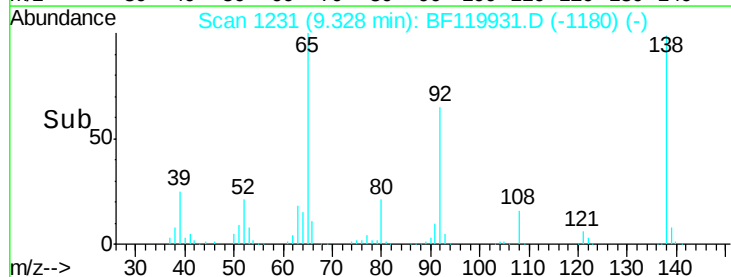
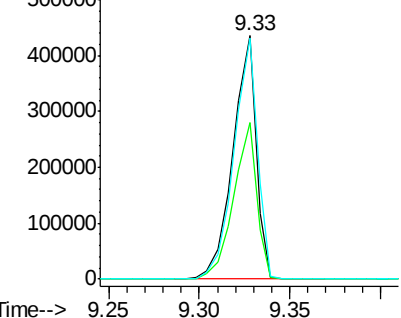


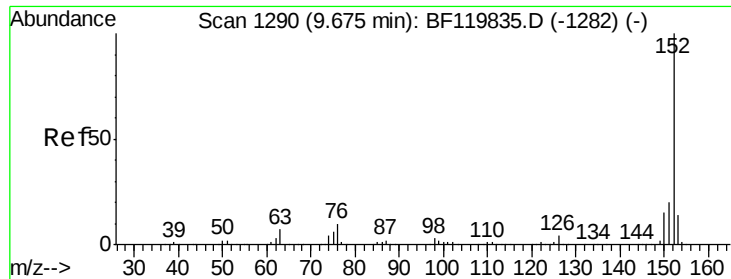
#48
 2-Nitroaniline
 Concen: 37.563 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BF119931.D
 Acq: 14 Apr 2020 3:26

Tgt Ion: 65 Resp: 389437
 Ion Ratio Lower Upper
 65 100
 92 64.6 49.0 73.6
 138 98.8 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: 37.747 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BF119931.D

Acq: 14 Apr 2020 3:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

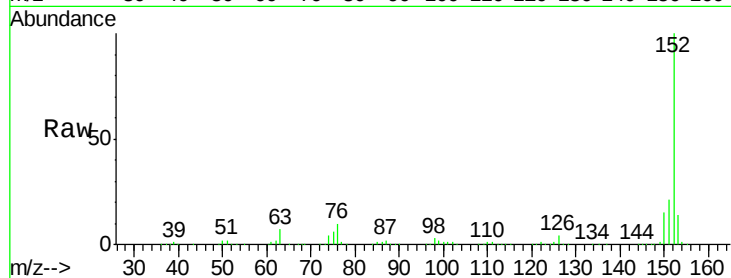
Tot Ion:152 Resp: 1642344

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

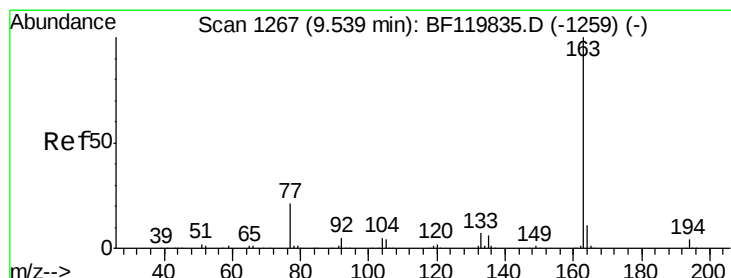
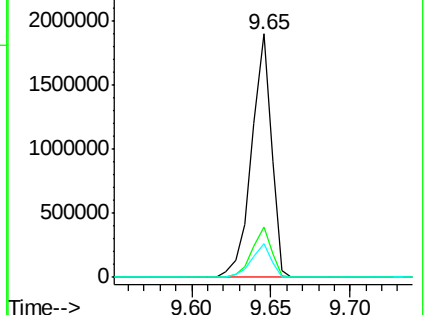
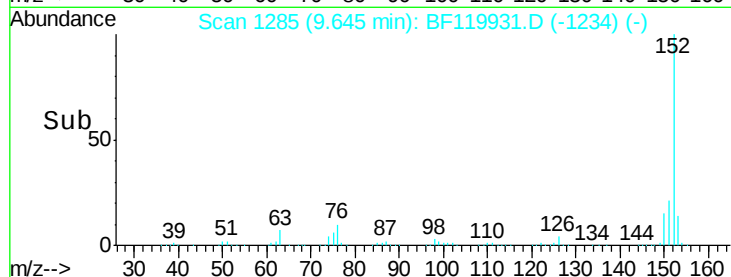
153 13.6 10.9 16.3



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: 36.287 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BF119931.D

Acq: 14 Apr 2020 3:26

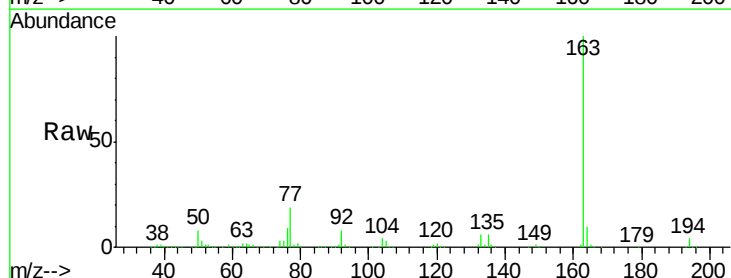
Tgt Ion:163 Resp: 1234944

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

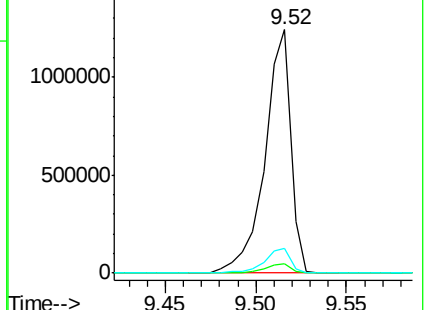
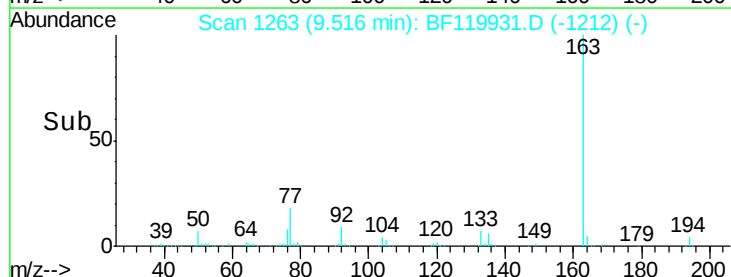
164 10.0 8.4 12.6

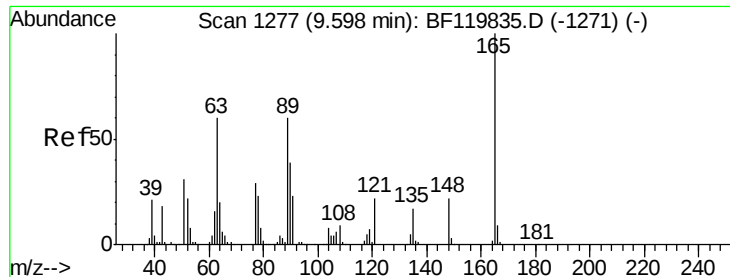


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

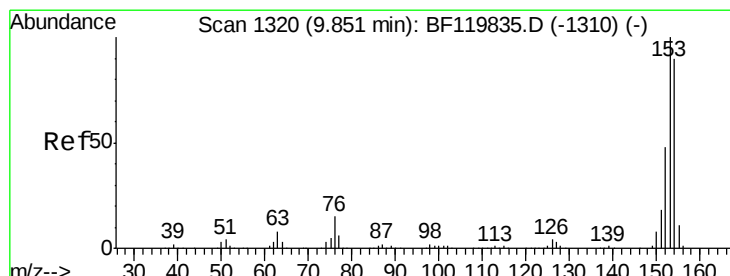
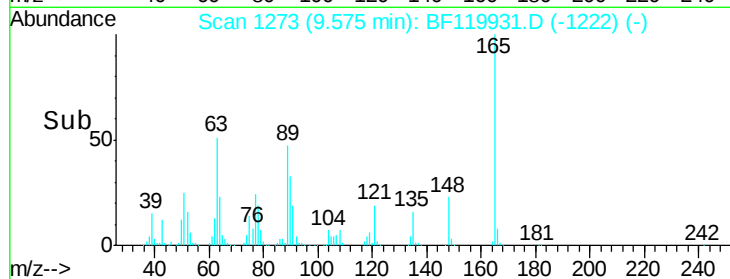
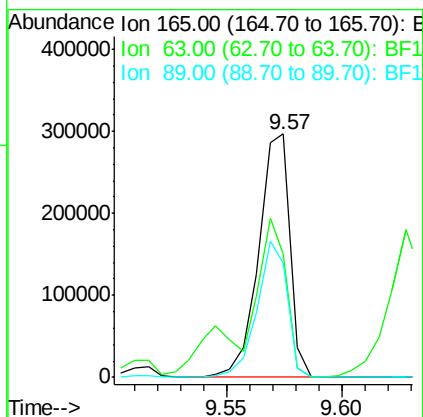
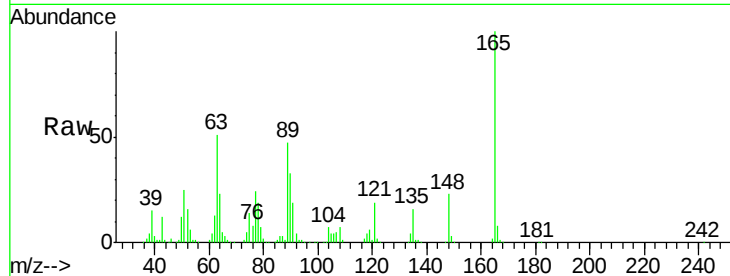




#51
 2,6-Dinitrotoluene
 Concen: 37.854 ng
 RT: 9.57 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BF119931.D
 Acq: 14 Apr 2020 3:26

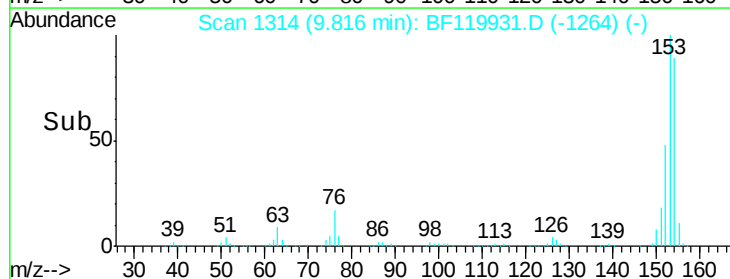
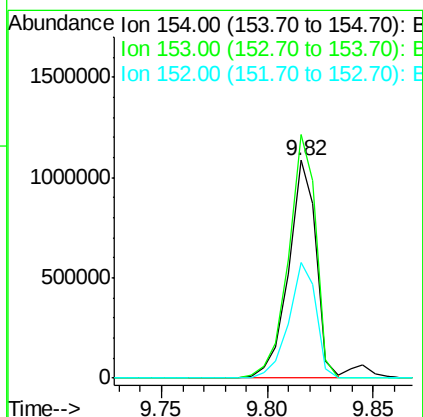
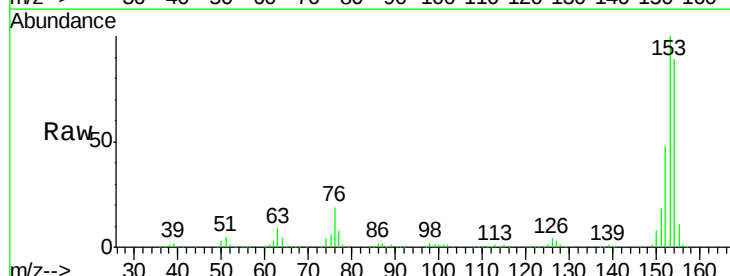
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

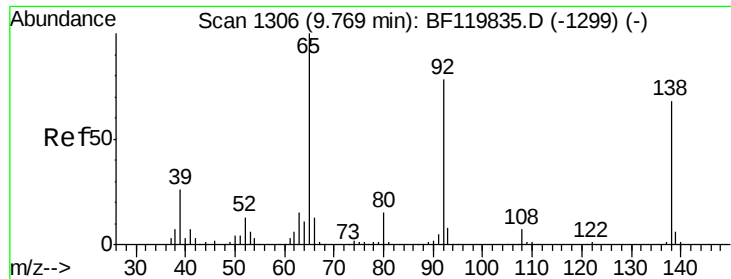
Tot Ion:165 Resp: 282112
 Ion Ratio Lower Upper
 165 100
 63 50.9 55.6 83.4#
 89 47.1 47.9 71.9#



#52
 Acenaphthene
 Concen: 33.999 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF119931.D
 Acq: 14 Apr 2020 3:26

Tgt Ion:154 Resp: 986757
 Ion Ratio Lower Upper
 154 100
 153 112.0 88.8 133.2
 152 53.3 42.4 63.6

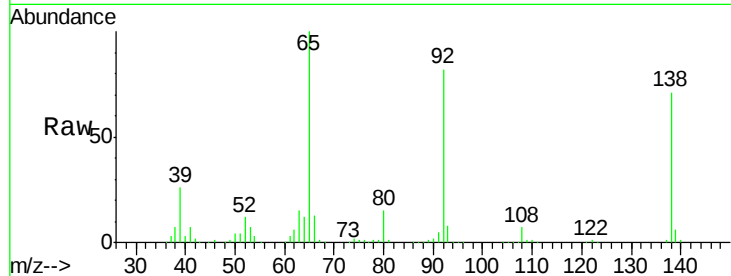




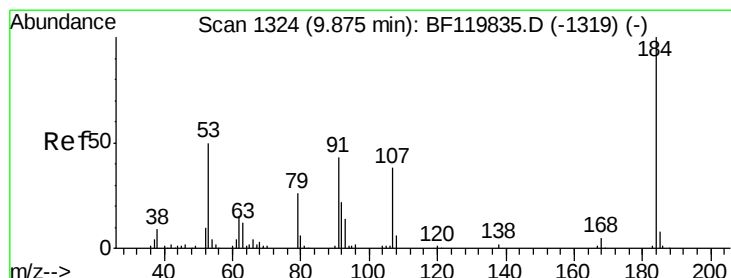
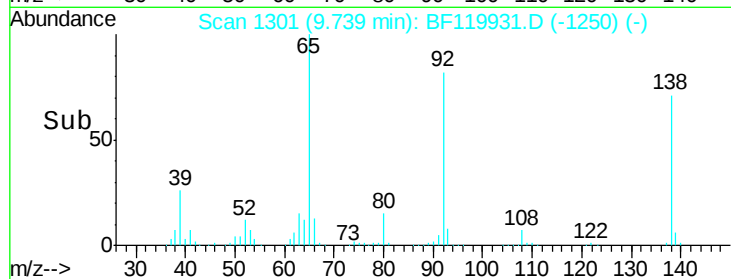
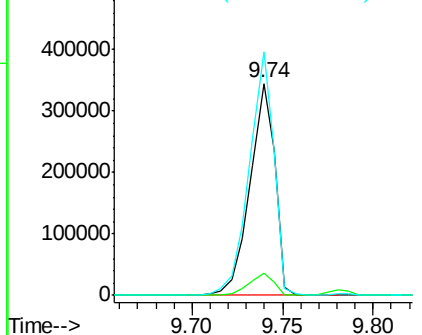
#53
3-Nitroaniline
Concen: 38.862 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF119931.D
Acq: 14 Apr 2020 3:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 330777
Ion Ratio Lower Upper
138 100
108 10.2 8.0 12.0
92 114.7 92.1 138.1

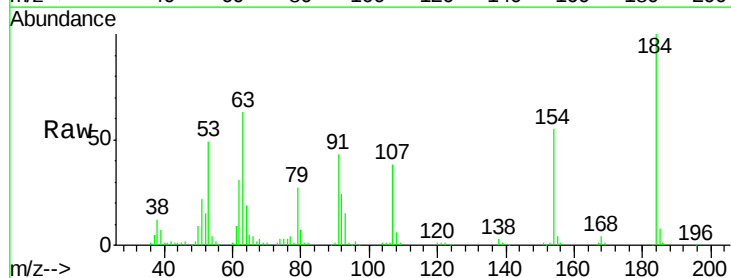


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

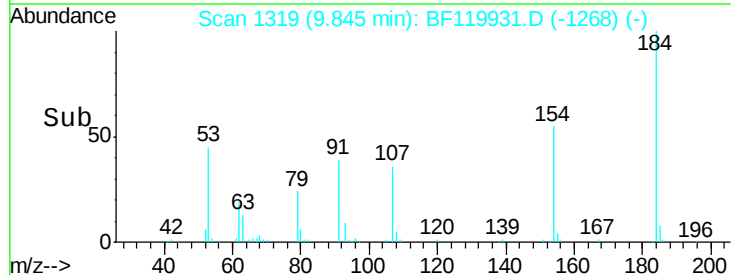
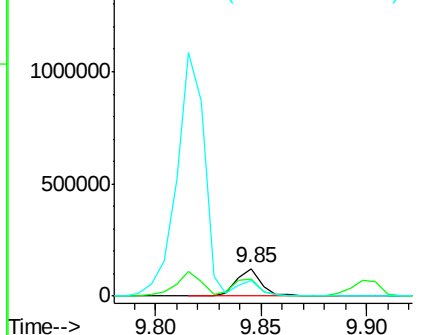


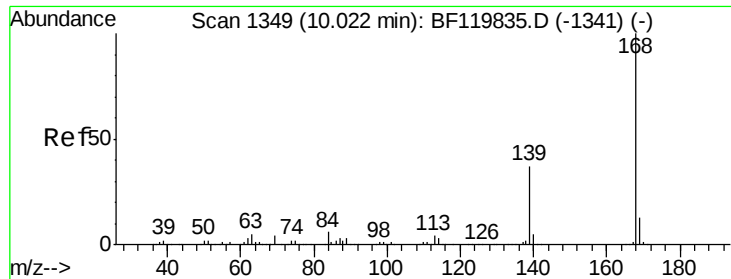
#54
2,4-Dinitrophenol
Concen: 22.773 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF119931.D
Acq: 14 Apr 2020 3:26

Tgt Ion:184 Resp: 101611
Ion Ratio Lower Upper
184 100
63 63.1 49.8 74.6
154 55.0 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

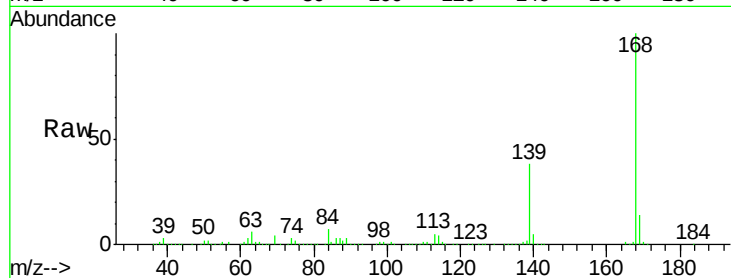




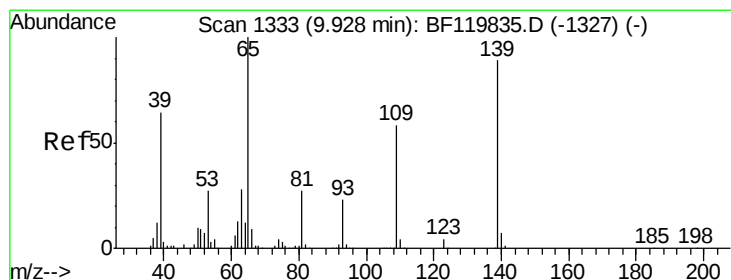
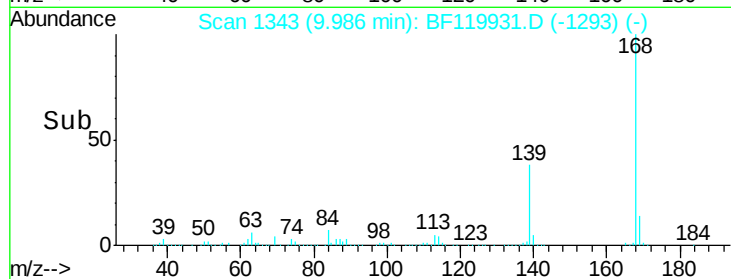
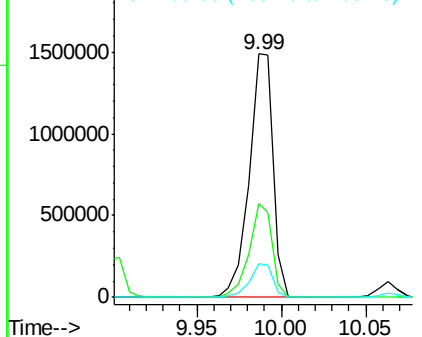
#55
Dibenzofuran
Concen: 37.124 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF119931.D
Acq: 14 Apr 2020 3:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 1478566
Ion Ratio Lower Upper
168 100
139 38.4 29.8 44.6
169 13.8 10.6 15.8

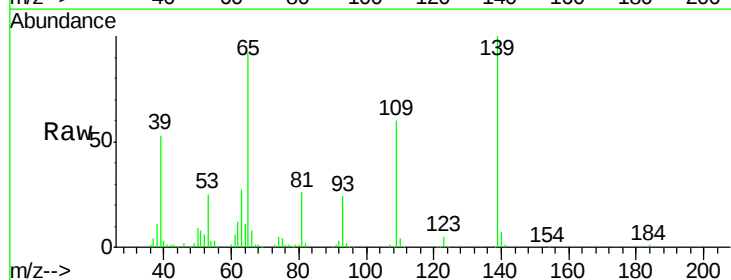


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

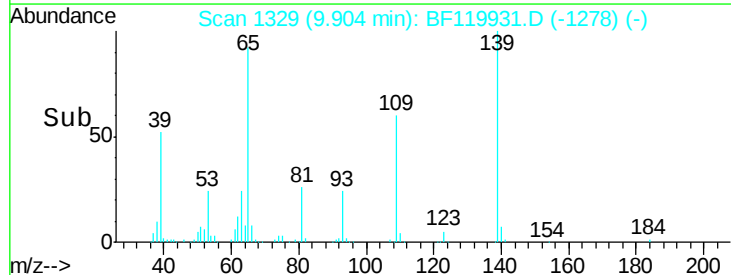
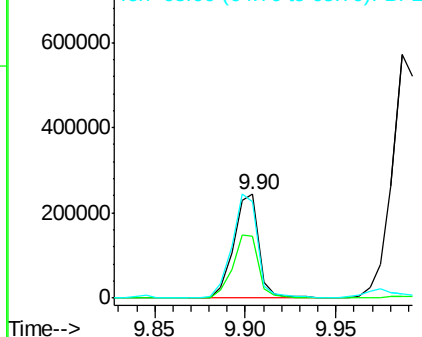


#56
4-Nitrophenol
Concen: 37.179 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF119931.D
Acq: 14 Apr 2020 3:26

Tgt Ion:139 Resp: 235457
Ion Ratio Lower Upper
139 100
109 60.1 45.5 85.5
65 92.3 92.3 132.3



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

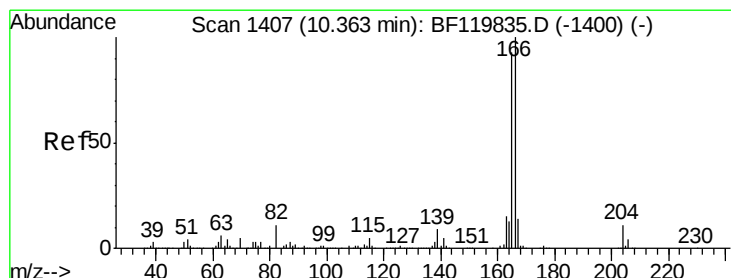
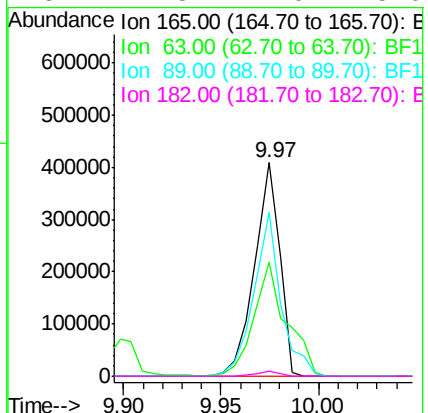
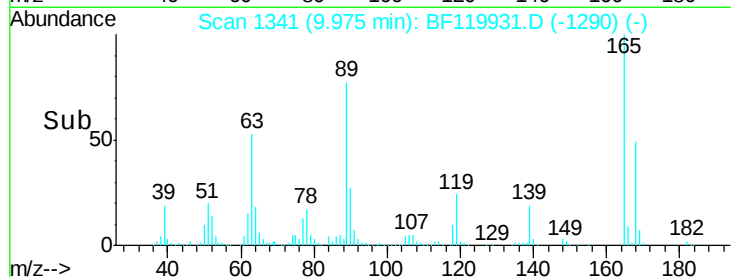
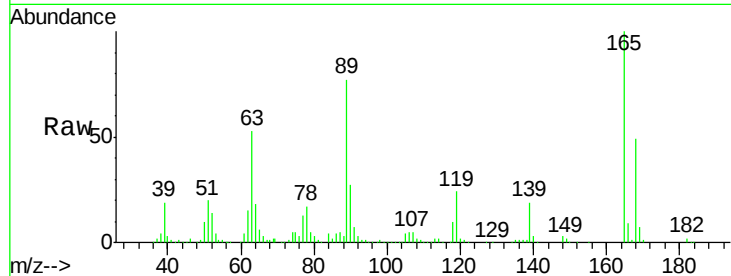




#57
2,4-Dinitrotoluene
Concen: 37.386 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF119931.D
Acq: 14 Apr 2020 3:26

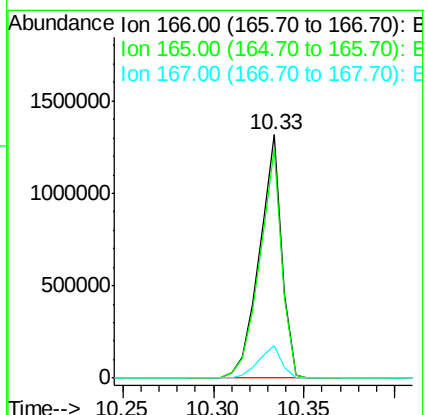
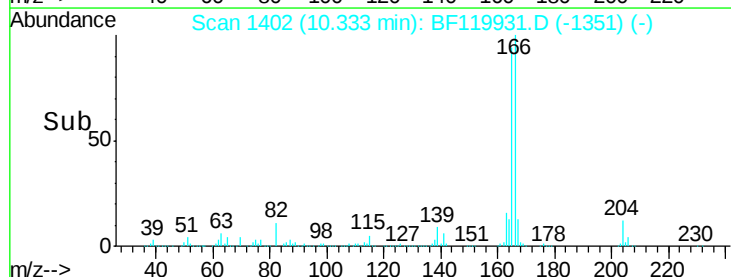
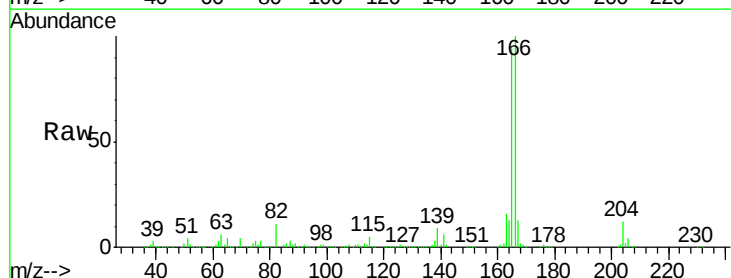
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:165	Resp:	367090
Ion Ratio	Lower	Upper
165	100	
63	53.2	40.8 61.2
89	76.6	56.9 85.3
182	2.3	2.0 3.0



#58
Fluorene
Concen: 35.456 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF119931.D
Acq: 14 Apr 2020 3:26

Tgt Ion:166	Resp:	1129343
Ion Ratio	Lower	Upper
166	100	
165	94.1	74.2 111.2
167	13.5	10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 37.292 ng

RT: 10.11 min Scan# 1364

Delta R.T. -0.00 min

Lab File: BF119931.D

Acq: 14 Apr 2020 3:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 308274

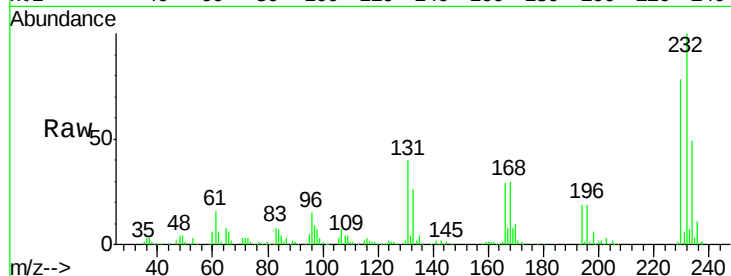
Ion Ratio Lower Upper

232 100

131 45.3 37.9 56.9

130 1.8 1.8 2.6

166 31.2 25.4 38.0

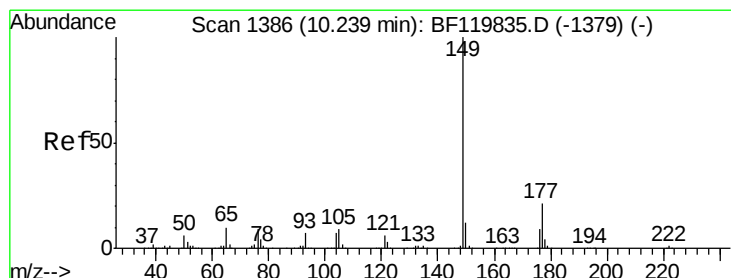
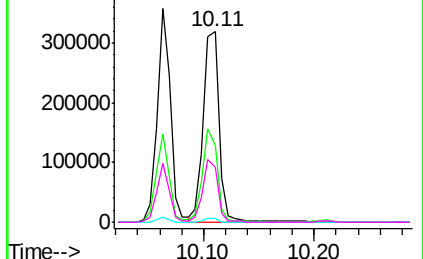
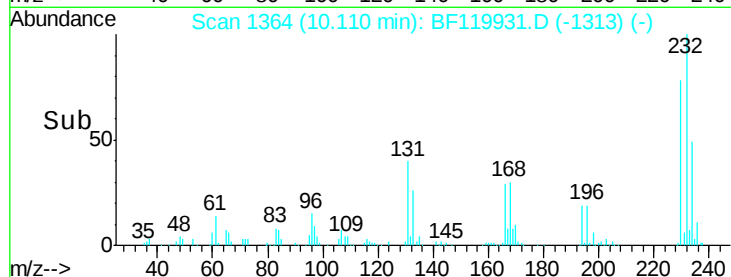


Abundance Ion 232.00 (231.70 to 232.70): E

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: 36.309 ng

RT: 10.21 min Scan# 1381

Delta R.T. -0.00 min

Lab File: BF119931.D

Acq: 14 Apr 2020 3:26

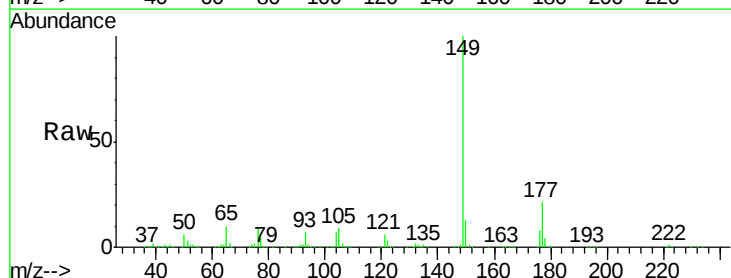
Tgt Ion:149 Resp: 1280714

Ion Ratio Lower Upper

149 100

177 20.9 16.8 25.2

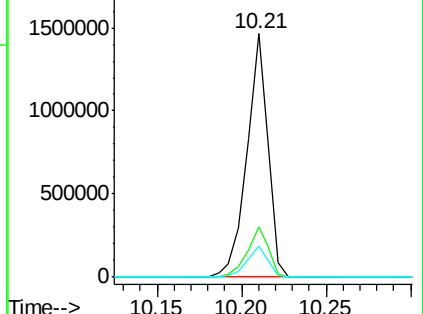
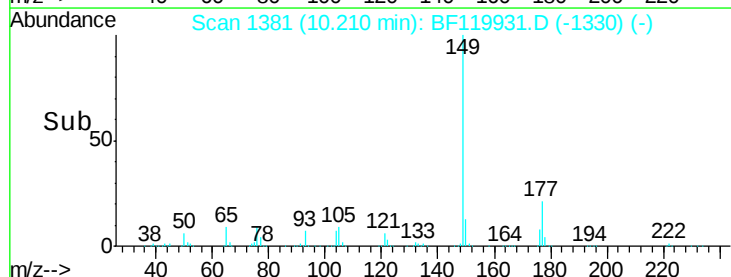
150 12.6 9.8 14.6

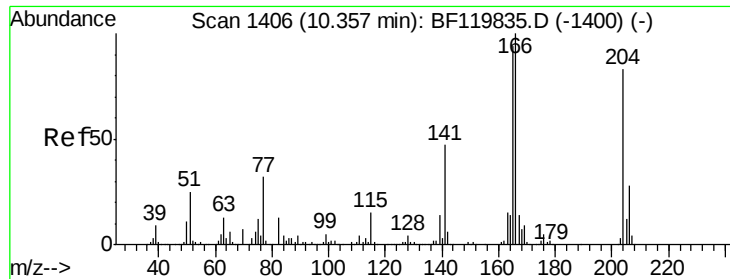


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

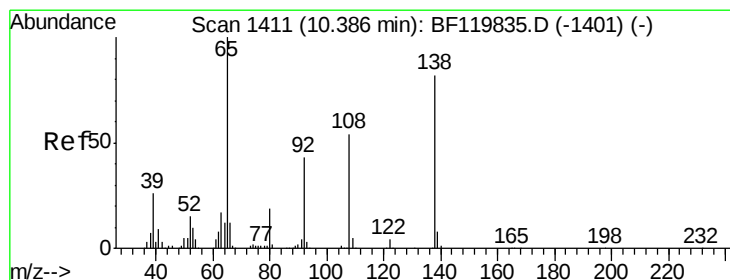
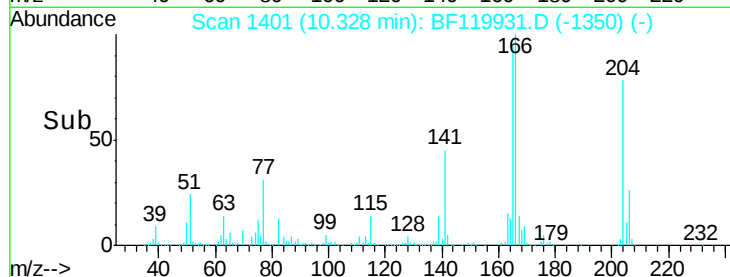
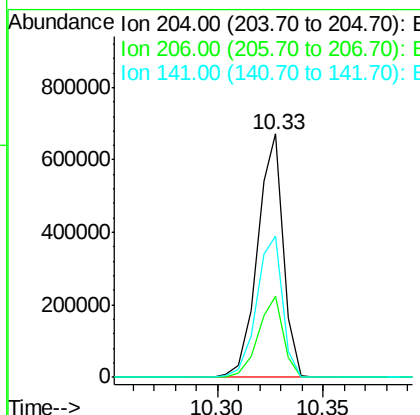
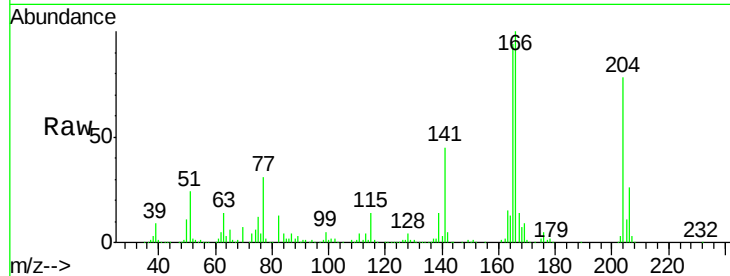




#61
 4-Chlorophenyl-phenylether
 Concen: 34.766 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.00 min
 Lab File: BF119931.D
 Acq: 14 Apr 2020 3:26

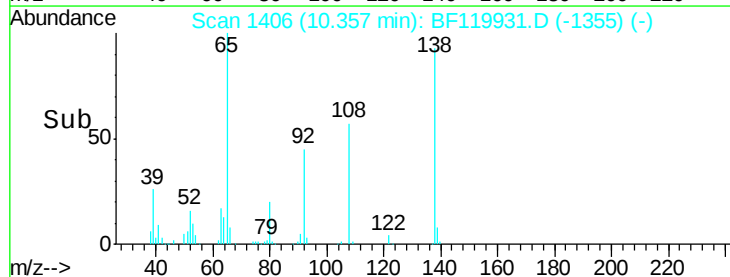
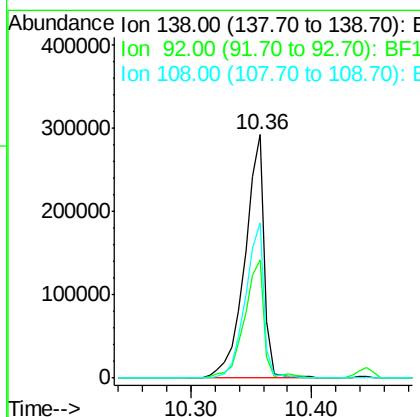
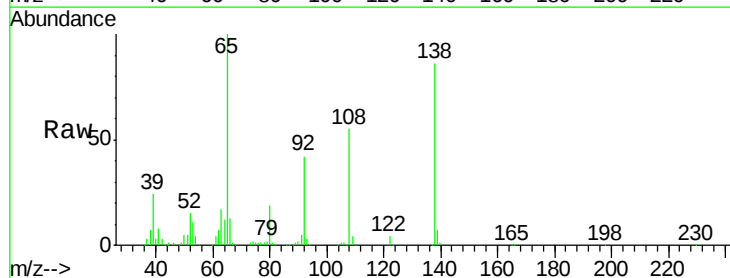
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

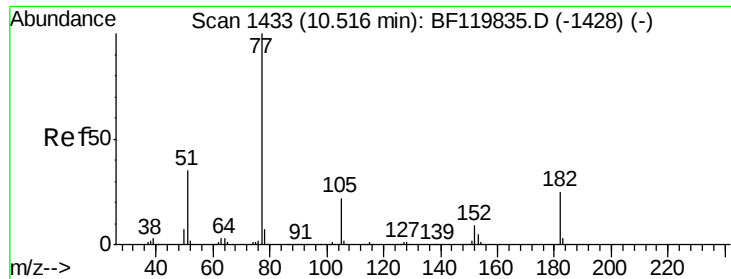
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.7	40.1
141	58.2	45.8	68.8



#62
 4-Nitroaniline
 Concen: 40.338 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.00 min
 Lab File: BF119931.D
 Acq: 14 Apr 2020 3:26

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.8	31.6	71.6
108	63.8	45.2	85.2





#63

Azobenzene

Concen: 37.733 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.00 min

Lab File: BF119931.D

Acq: 14 Apr 2020 3:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1192765

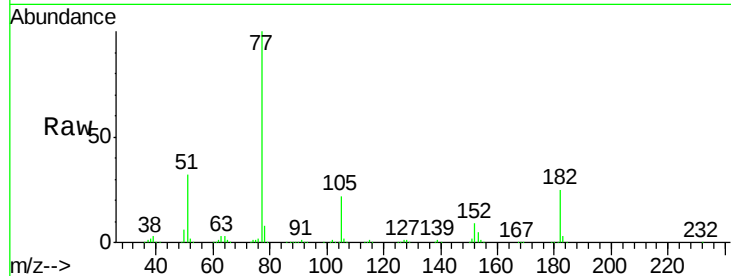
Ion	Ratio	Lower	Upper
77	100		
182	25.4	4.5	44.5
105	22.3	2.2	42.2
51	32.4	15.1	55.1

77 100

182 25.4 4.5 44.5

105 22.3 2.2 42.2

51 32.4 15.1 55.1

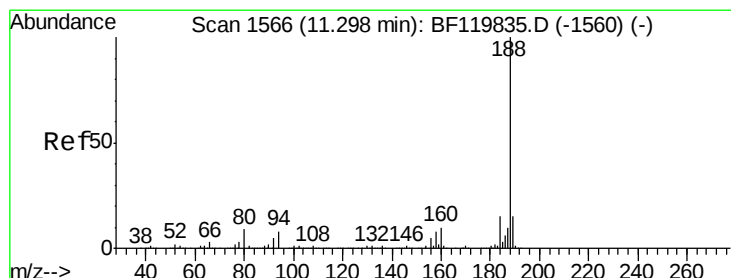
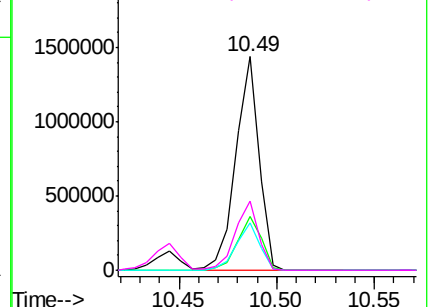
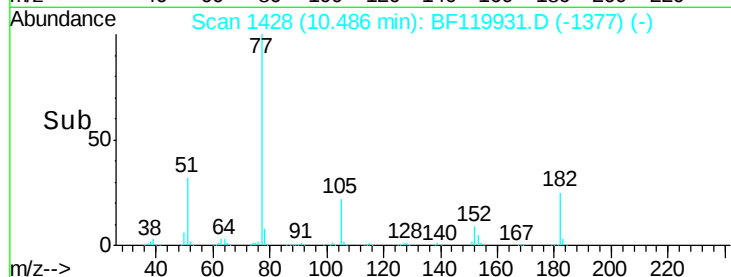


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.27 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BF119931.D

Acq: 14 Apr 2020 3:26

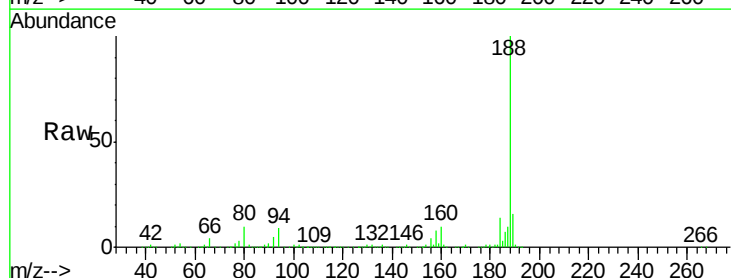
Tgt Ion: 188 Resp: 844613

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.7	10.1
80	9.6	7.4	11.2

188 100

94 8.7 6.7 10.1

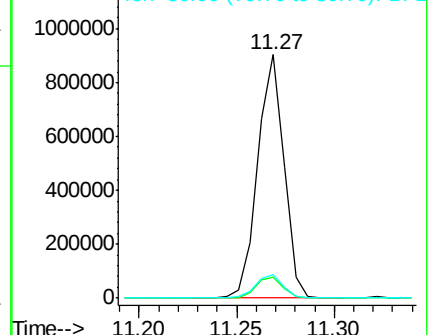
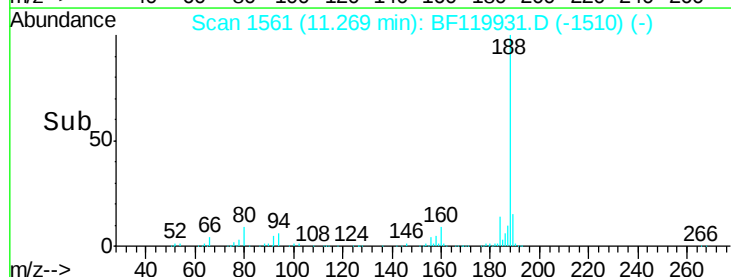
80 9.6 7.4 11.2

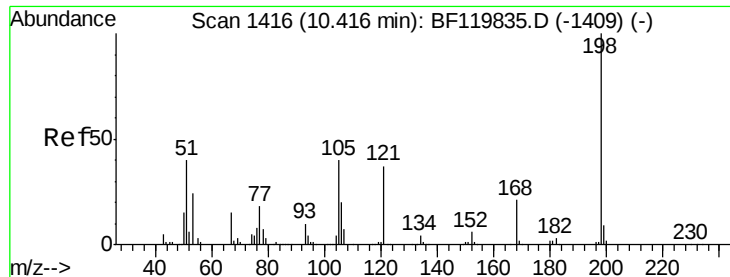


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 26.232 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.01 min

Lab File: BF119931.D

Acq: 14 Apr 2020 3:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

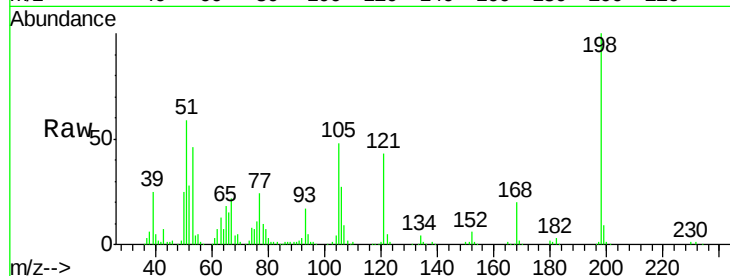
Tot Ion:198 Resp: 145963

Ion Ratio Lower Upper

198 100

51 59.5 25.2 65.2

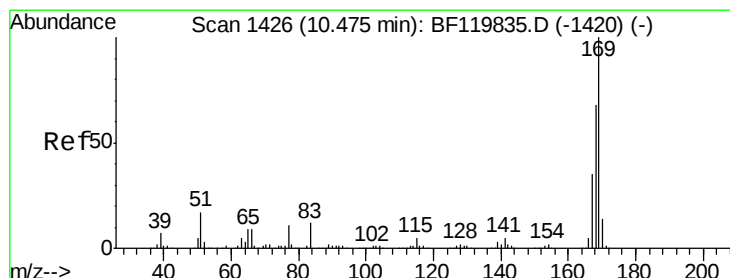
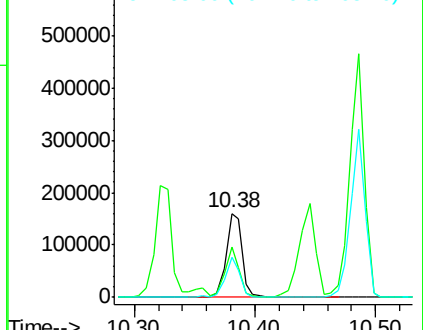
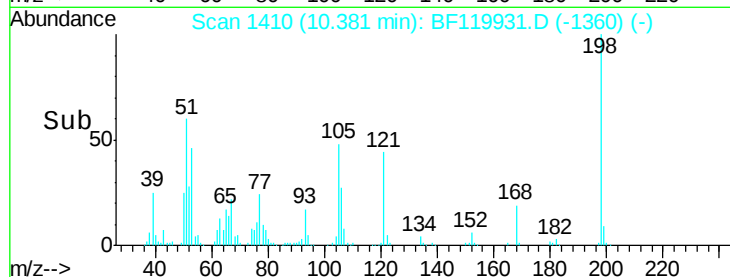
105 47.8 20.8 60.8



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: 37.679 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.00 min

Lab File: BF119931.D

Acq: 14 Apr 2020 3:26

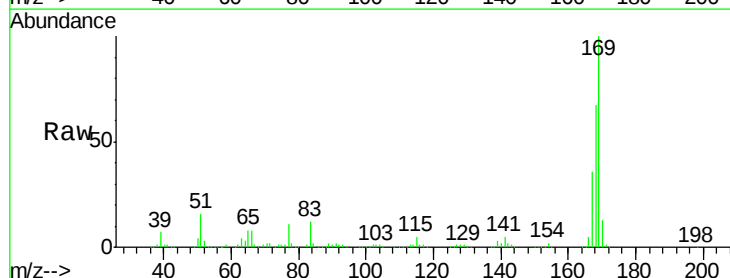
Tgt Ion:169 Resp: 1058388

Ion Ratio Lower Upper

169 100

168 66.6 54.2 81.4

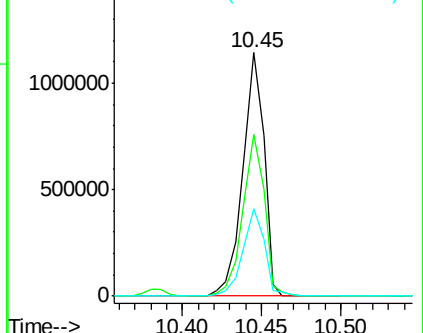
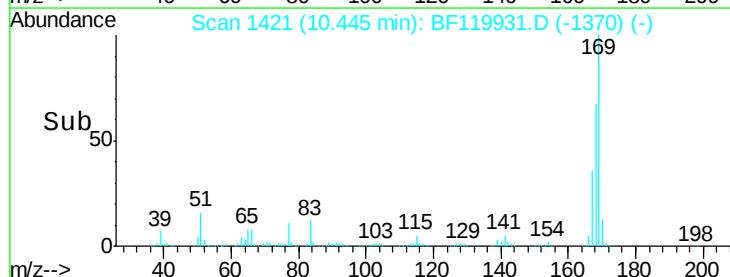
167 35.9 28.3 42.5

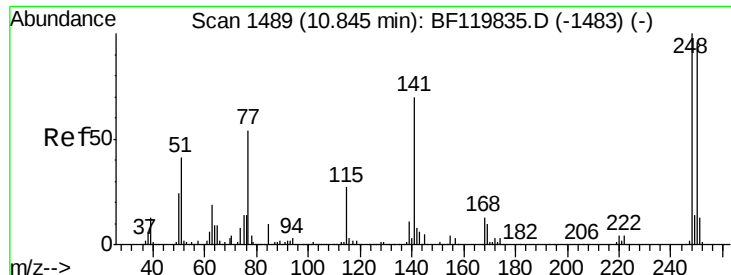


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

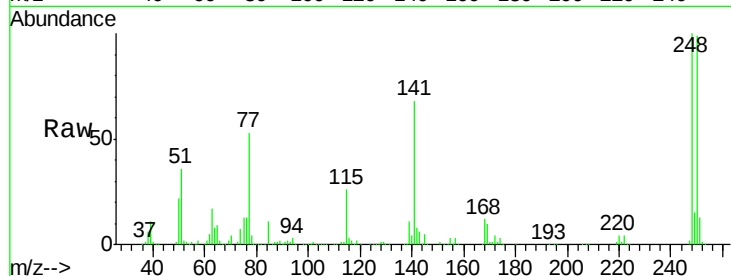




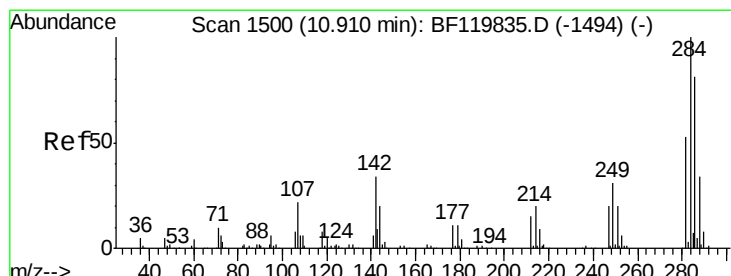
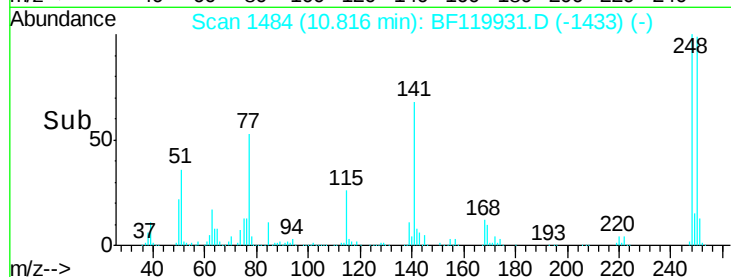
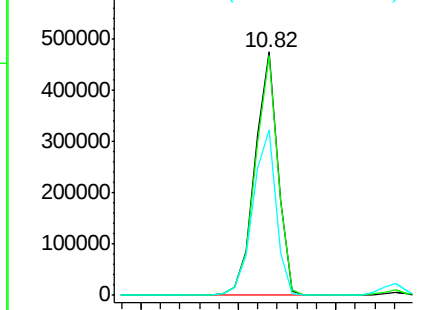
#67
 4-Bromophenyl-phenylether
 Concen: 36.695 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: BF119931.D
 Acq: 14 Apr 2020 3:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:248 Resp: 385430
 Ion Ratio Lower Upper
 248 100
 250 98.6 76.6 114.8
 141 67.9 55.9 83.9

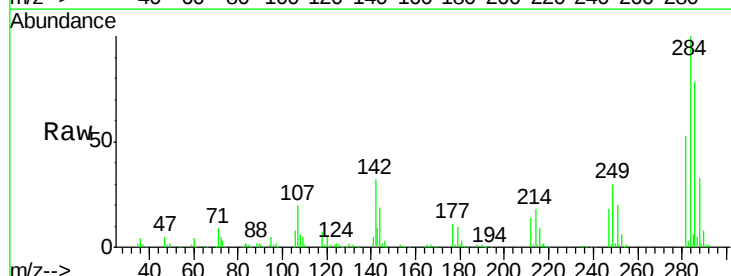


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

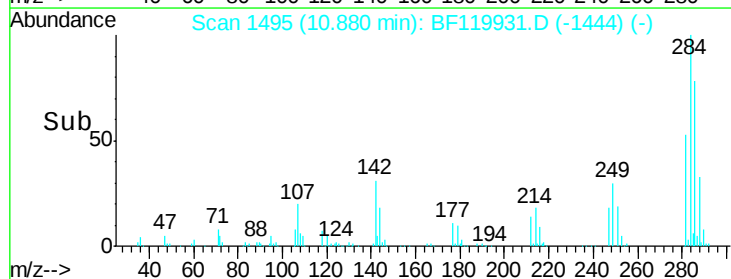
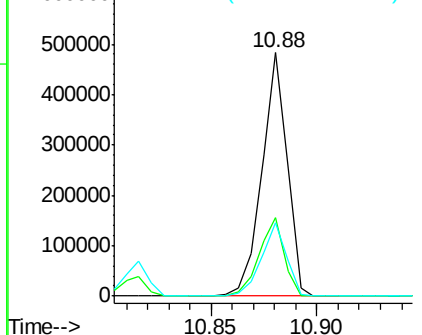


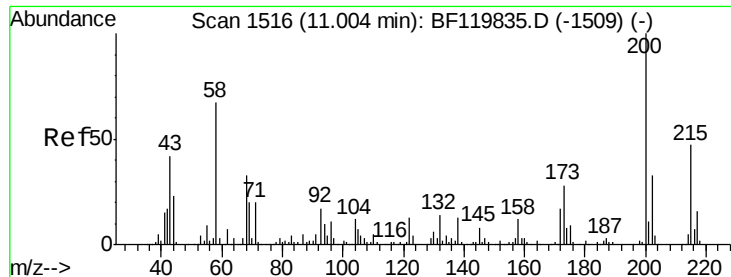
#68
 Hexachlorobenzene
 Concen: 37.712 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. -0.00 min
 Lab File: BF119931.D
 Acq: 14 Apr 2020 3:26

Tgt Ion:284 Resp: 401843
 Ion Ratio Lower Upper
 284 100
 142 32.0 26.9 40.3
 249 30.2 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

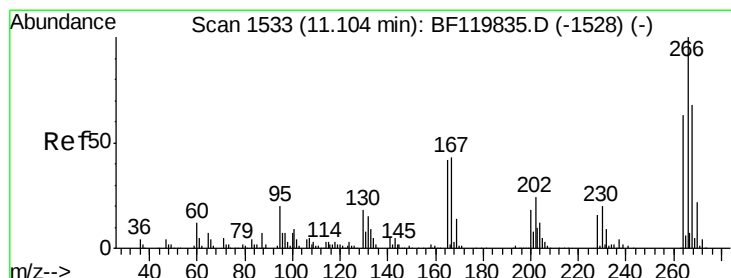
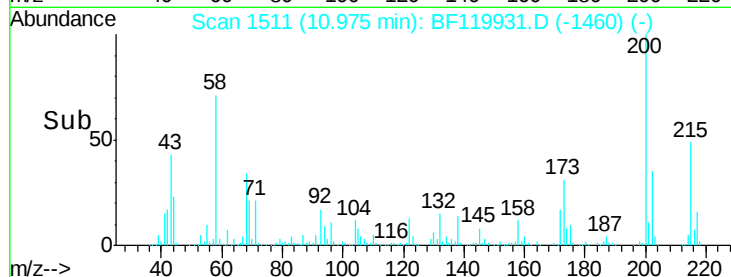
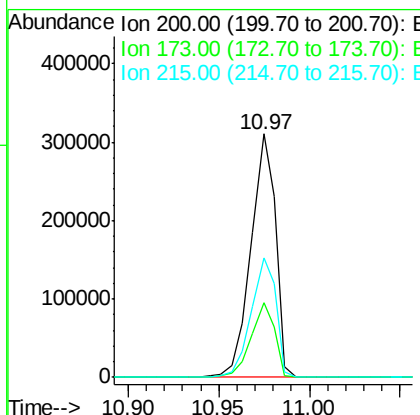
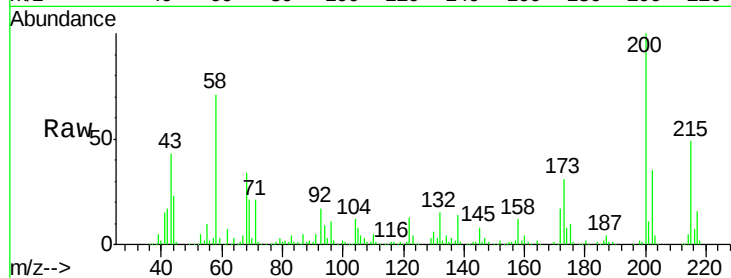




#69
 Atrazine
 Concen: 37.520 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. -0.00 min
 Lab File: BF119931.D
 Acq: 14 Apr 2020 3:26

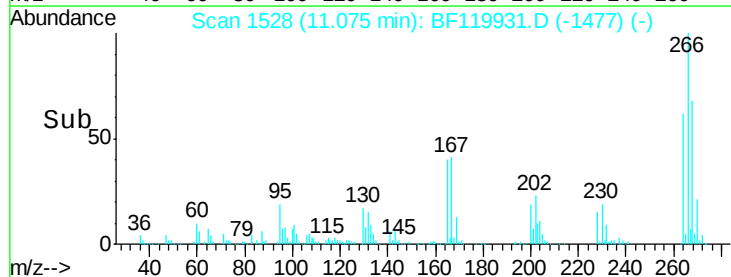
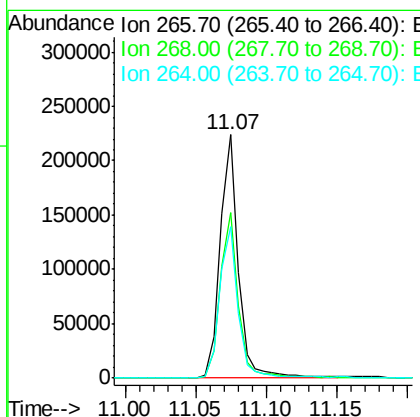
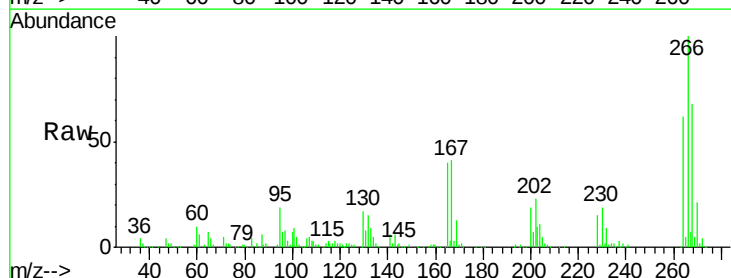
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

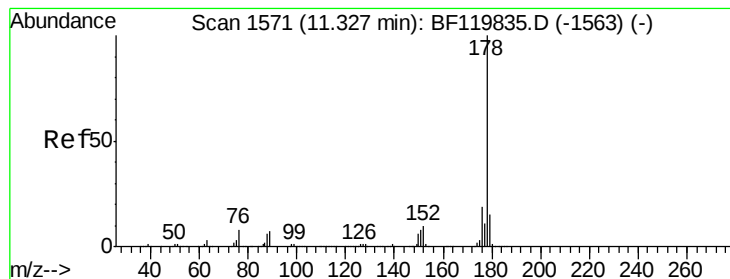
Tot Ion	Ratio	Lower	Upper
200	100		
173	30.6	8.0	48.0
215	49.0	27.1	67.1



#70
 Pentachlorophenol
 Concen: 32.848 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: BF119931.D
 Acq: 14 Apr 2020 3:26

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.1	54.2	81.4
264	62.0	50.6	76.0





#71

Phenanthrene

Concen: 36.772 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF119931.D

Acq: 14 Apr 2020 3:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

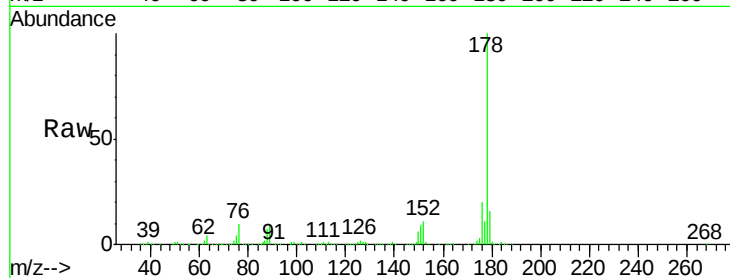
Tot Ion:178 Resp: 1652939

Ion Ratio Lower Upper

178 100

176 19.9 15.1 22.7

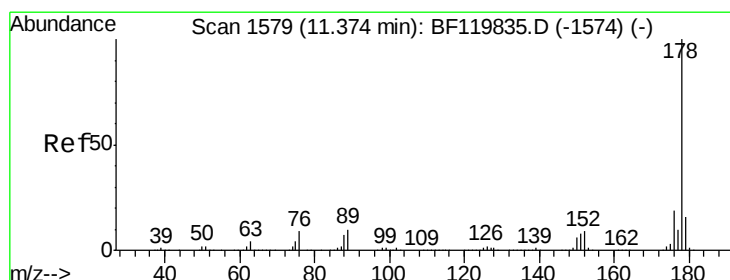
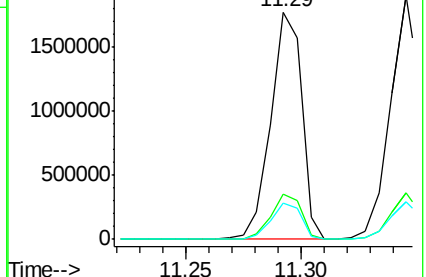
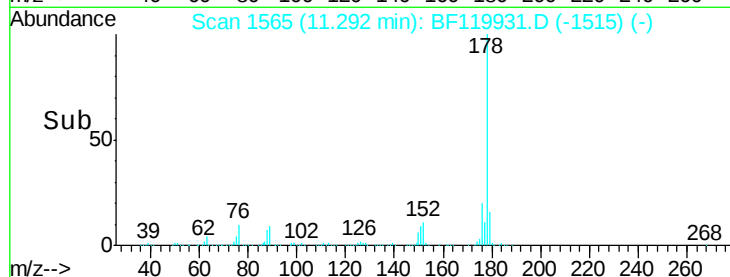
179 15.9 12.2 18.4



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: 37.069 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.00 min

Lab File: BF119931.D

Acq: 14 Apr 2020 3:26

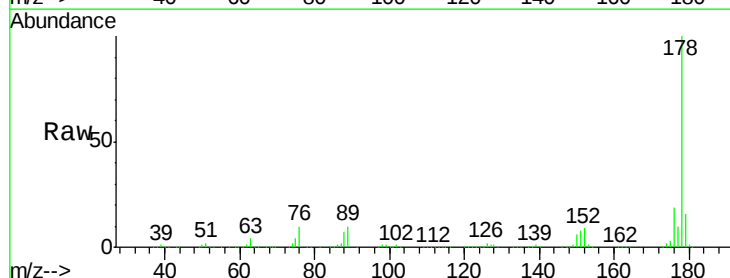
Tgt Ion:178 Resp: 1702224

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

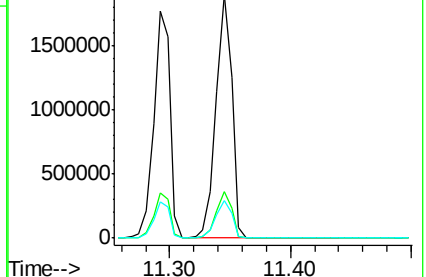
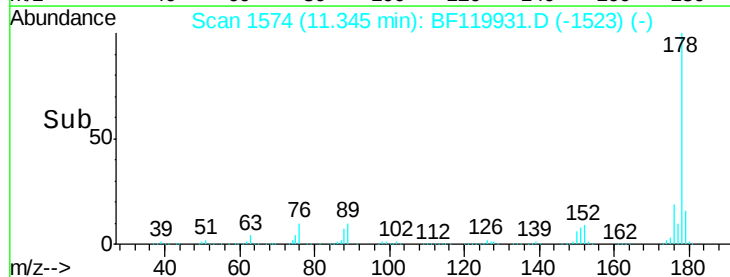
179 15.7 12.8 19.2

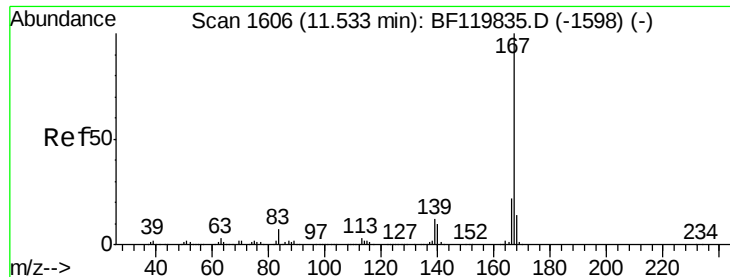


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

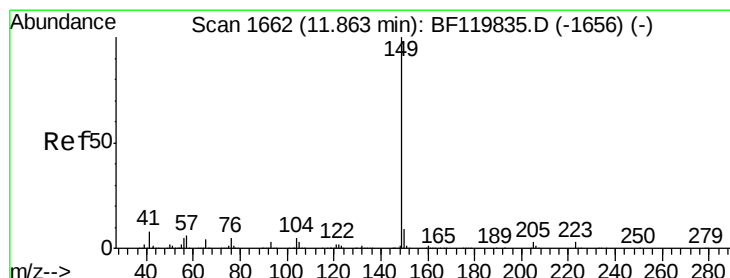
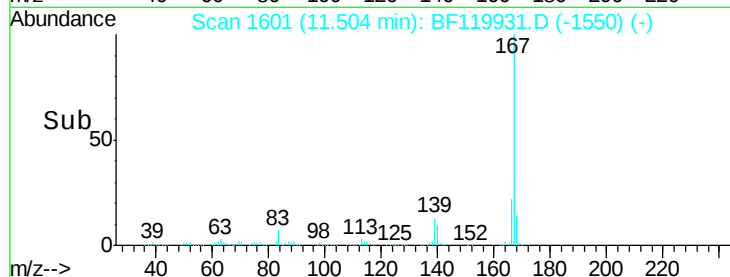
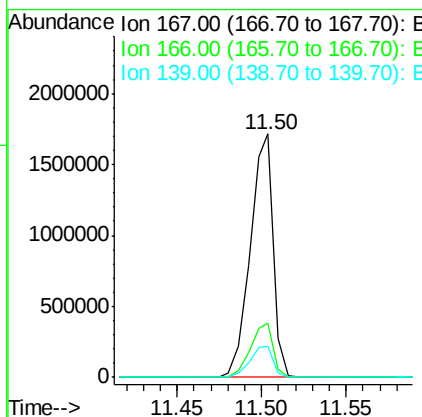
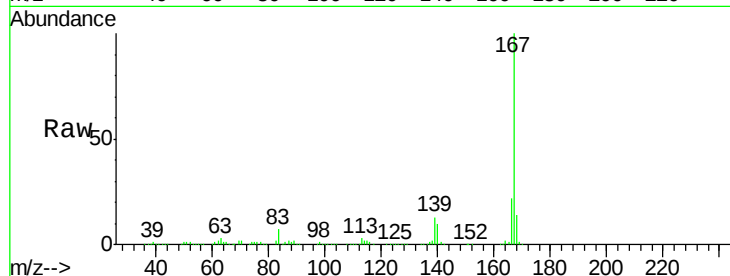




#73
 Carbazole
 Concen: 37.386 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. 0.00 min
 Lab File: BF119931.D
 Acq: 14 Apr 2020 3:26

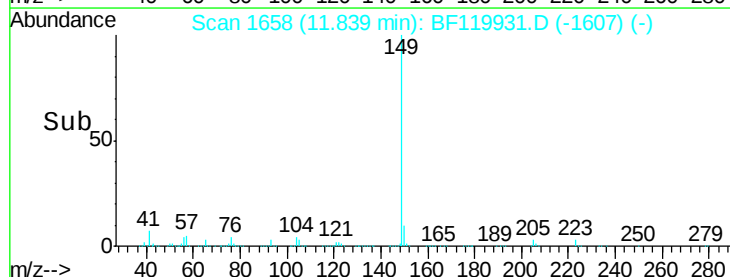
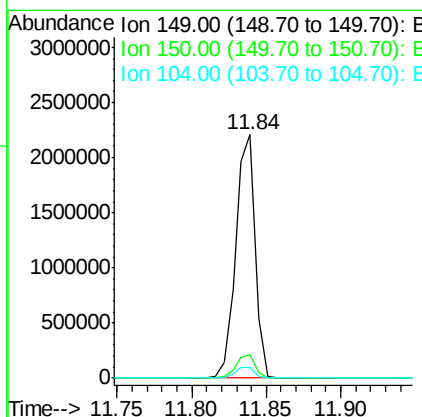
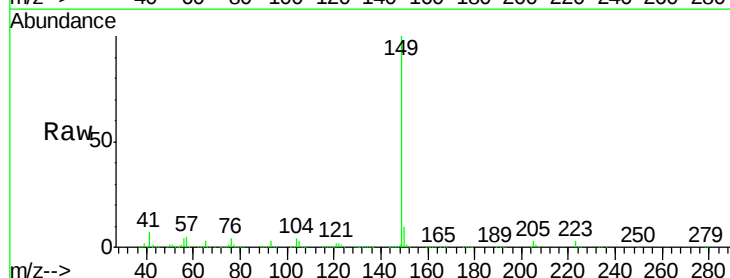
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

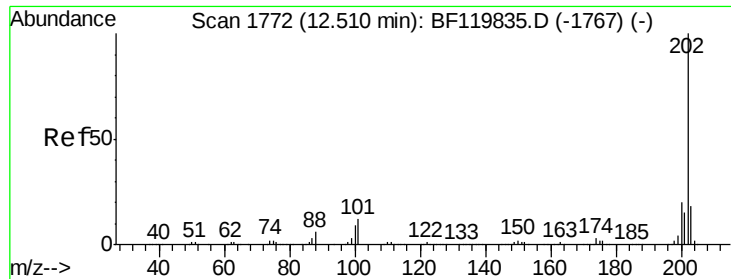
Tot Ion:167 Resp: 1623504
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.4 26.0
 139 12.9 9.8 14.8



#74
 Di-n-butylphthalate
 Concen: 35.206 ng
 RT: 11.84 min Scan# 1658
 Delta R.T. -0.00 min
 Lab File: BF119931.D
 Acq: 14 Apr 2020 3:26

Tgt Ion:149 Resp: 2009819
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.6 11.4
 104 4.4 3.8 5.6





#75

Fluoranthene

Concen: 36.909 ng

RT: 12.48 min Scan# 1767

Delta R.T. -0.00 min

Lab File: BF119931.D

Acq: 14 Apr 2020 3:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

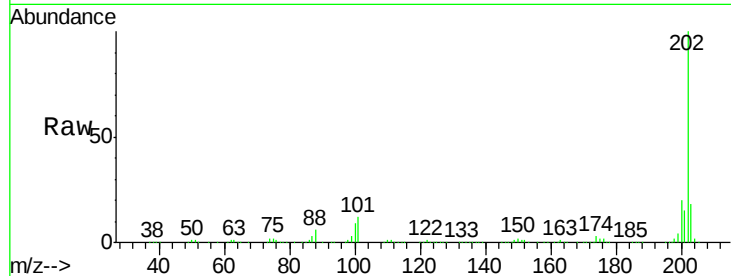
Tot Ion:202 Resp: 1790136

Ion Ratio Lower Upper

202 100

101 12.2 0.0 32.3

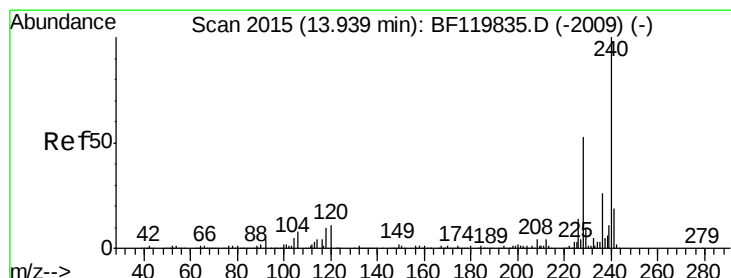
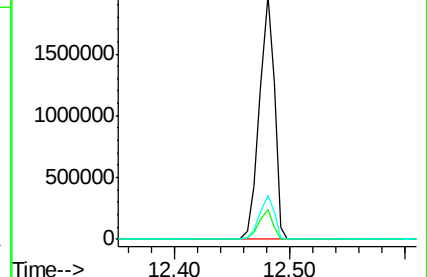
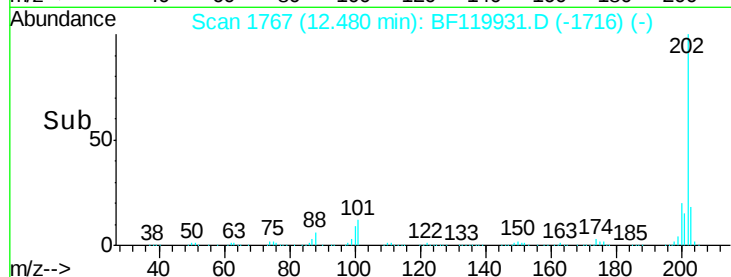
203 18.3 0.0 37.6



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: 13.91 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BF119931.D

Acq: 14 Apr 2020 3:26

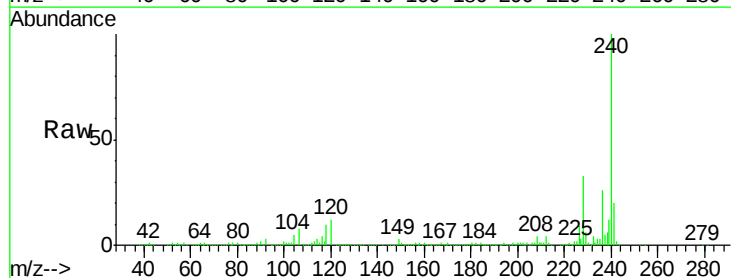
Tgt Ion:240 Resp: 614432

Ion Ratio Lower Upper

240 100

120 11.8 9.0 13.6

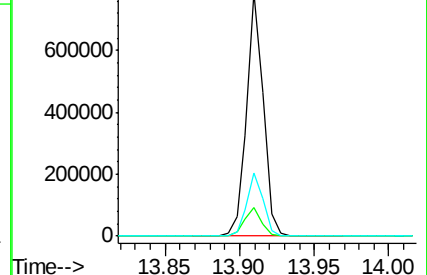
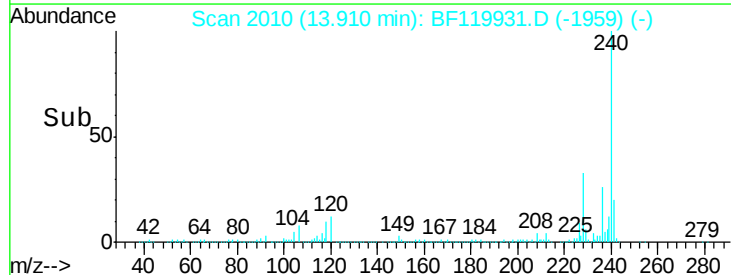
236 25.7 20.7 31.1

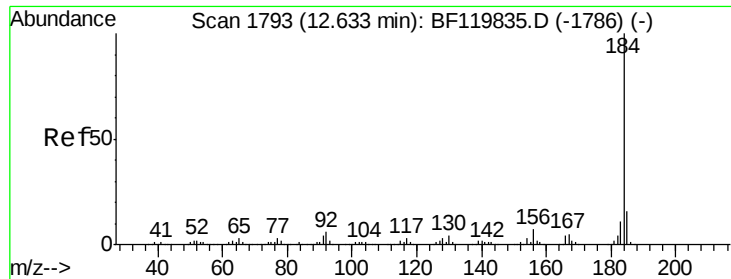


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.377 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BF119931.D

Acq: 14 Apr 2020 3:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

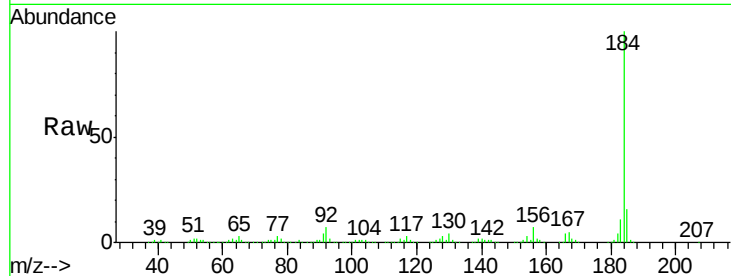
Tot Ion:184 Resp: 755543

Ion Ratio Lower Upper

184 100

185 15.9 13.2 19.8

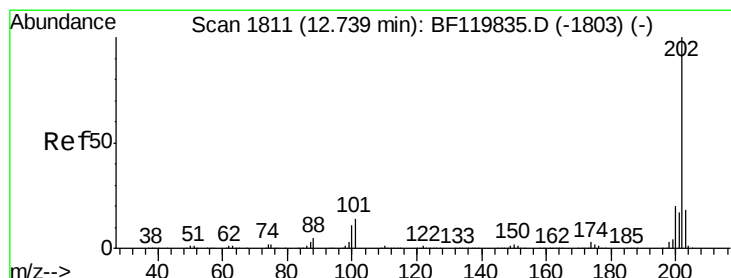
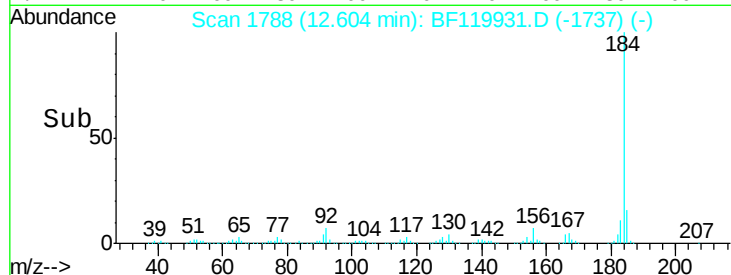
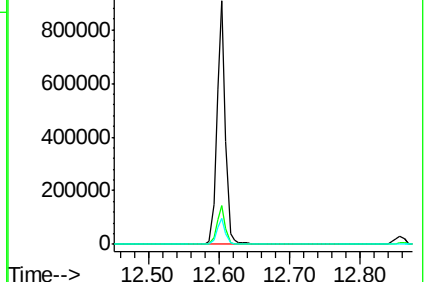
183 10.9 9.1 13.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.560 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BF119931.D

Acq: 14 Apr 2020 3:26

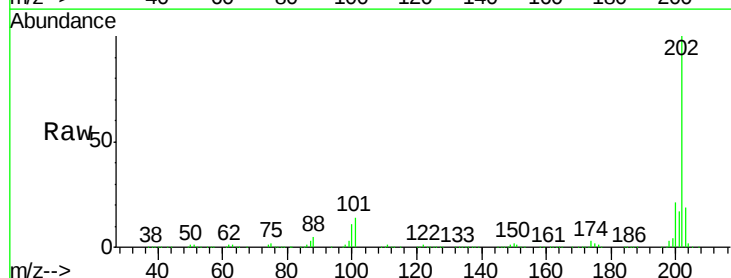
Tgt Ion:202 Resp: 1841906

Ion Ratio Lower Upper

202 100

200 20.6 16.2 24.2

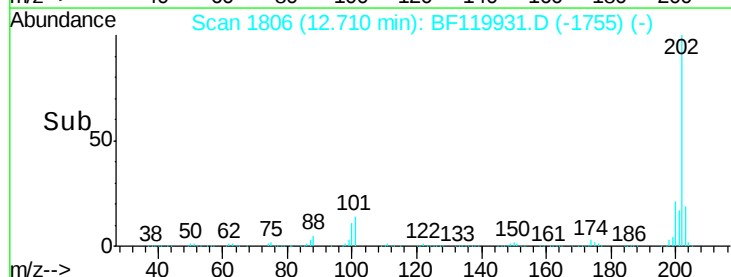
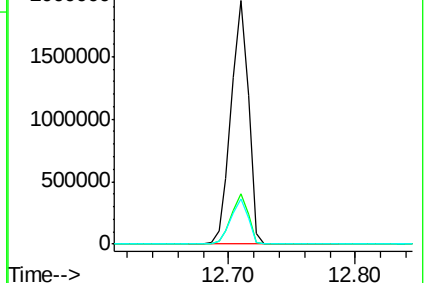
203 18.7 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 68.577 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF119931.D

Acq: 14 Apr 2020 3:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

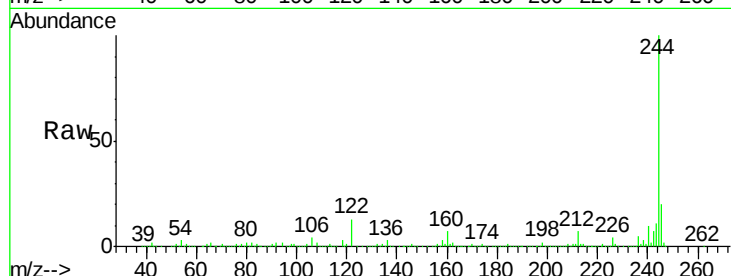
Tot Ion:244 Resp: 2504133

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

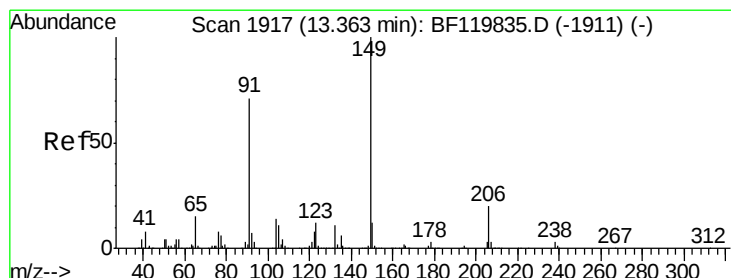
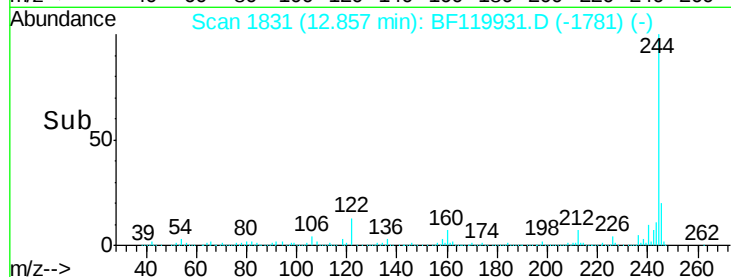
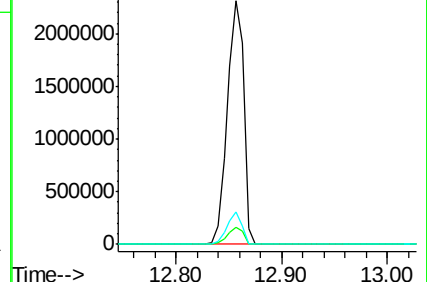
122 13.1 10.3 15.5



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: 34.622 ng

RT: 13.33 min Scan# 1912

Delta R.T. -0.00 min

Lab File: BF119931.D

Acq: 14 Apr 2020 3:26

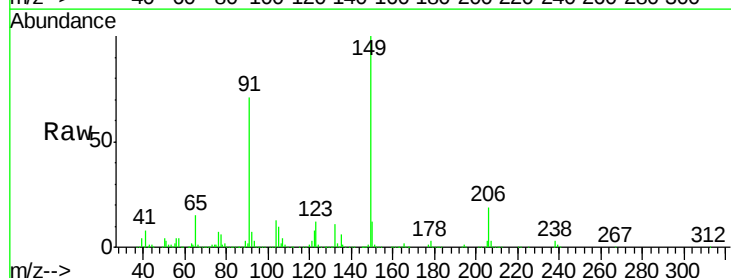
Tgt Ion:149 Resp: 870183

Ion Ratio Lower Upper

149 100

91 71.4 56.7 85.1

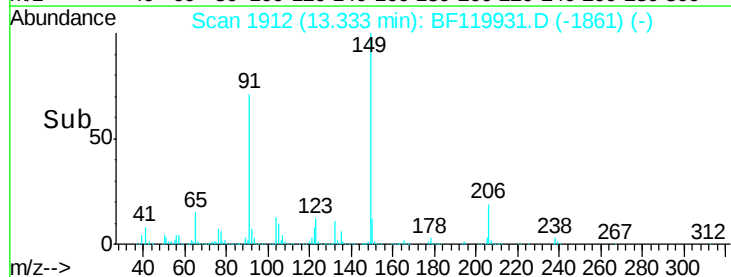
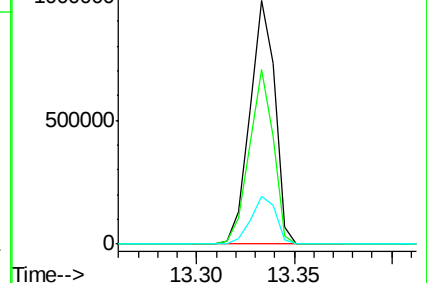
206 19.4 15.7 23.5



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: 36.625 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF119931.D

Acq: 14 Apr 2020 3:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

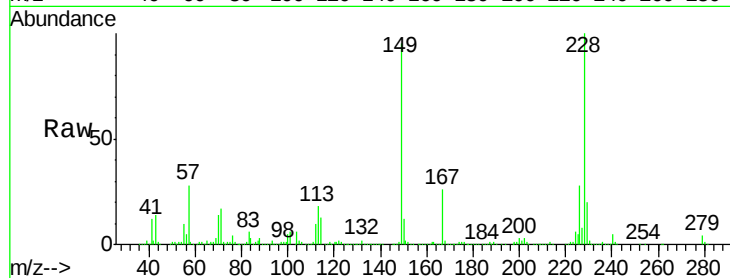
Tot Ion:228 Resp: 1480427

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.9	32.9
229	19.9	15.9	23.9

228 100

226 27.8 21.9 32.9

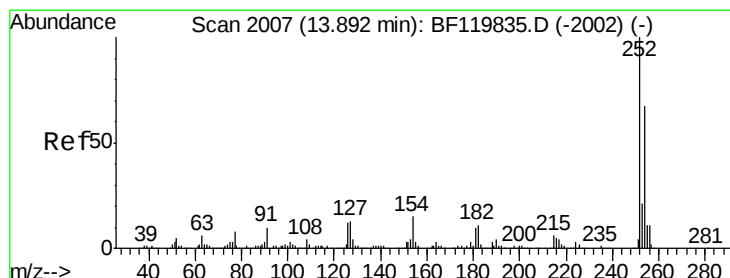
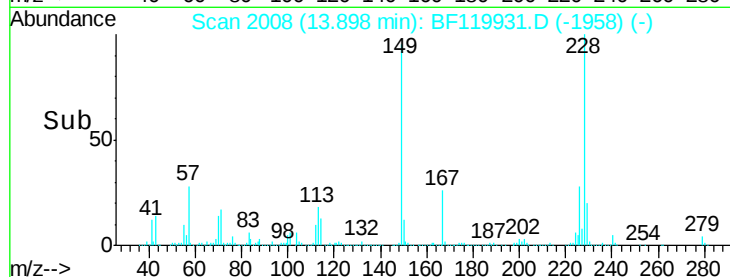
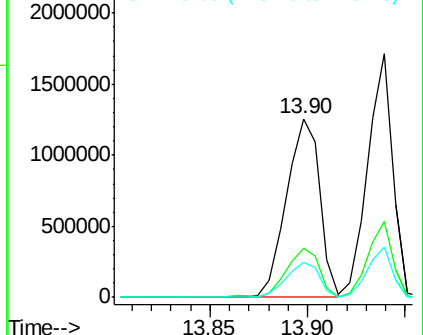
229 19.9 15.9 23.9



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: 40.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF119931.D

Acq: 14 Apr 2020 3:26

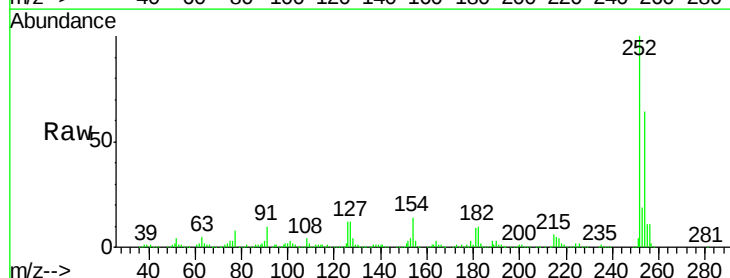
Tgt Ion:252 Resp: 603276

Ion	Ratio	Lower	Upper
252	100		
254	63.6	53.9	80.9
126	12.4	9.7	14.5

252 100

254 63.6 53.9 80.9

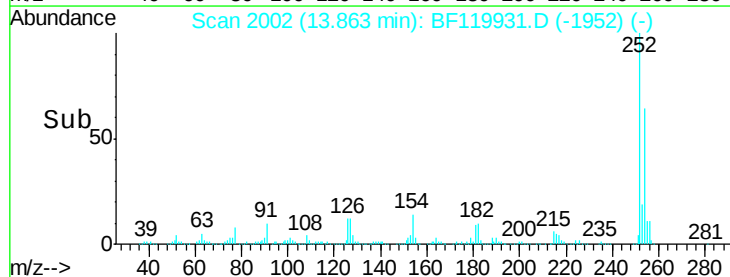
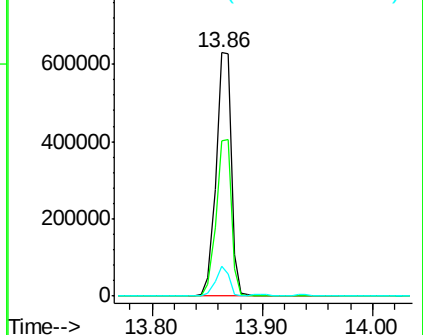
126 12.4 9.7 14.5

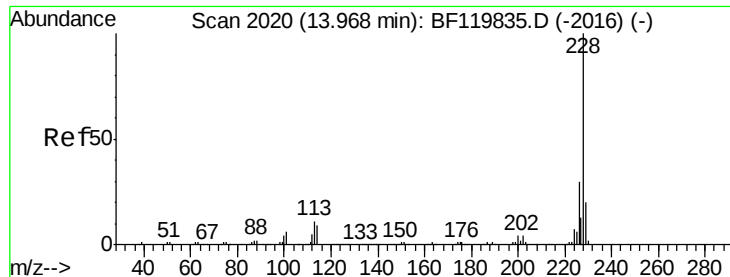


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.076 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF119931.D

Acq: 14 Apr 2020 3:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

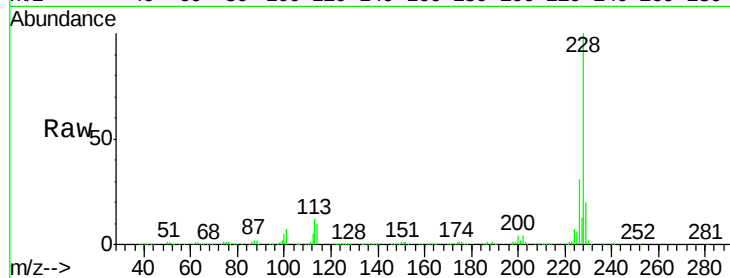
Tot Ion:228 Resp: 1522785

Ion Ratio Lower Upper

228 100

226 31.2 24.2 36.2

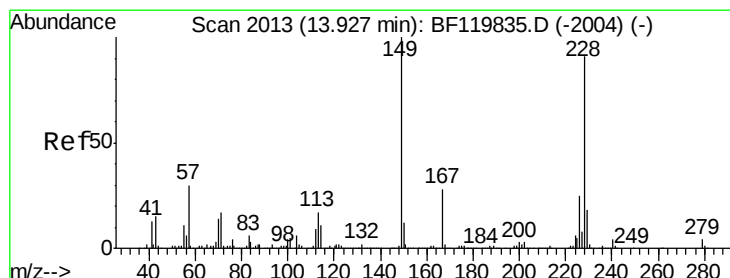
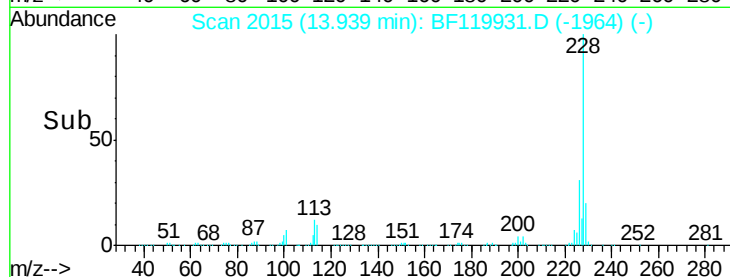
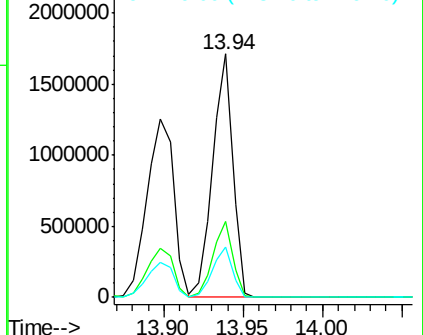
229 20.5 15.9 23.9



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: 32.653 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF119931.D

Acq: 14 Apr 2020 3:26

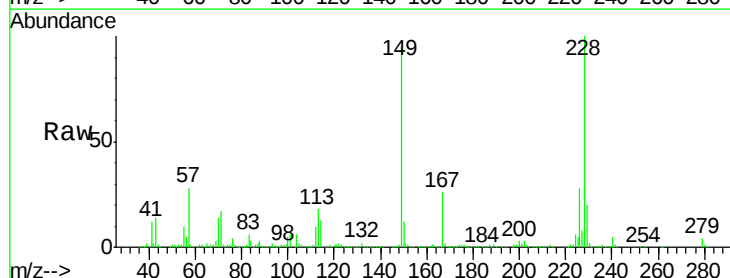
Tgt Ion:149 Resp: 1111389

Ion Ratio Lower Upper

149 100

167 27.4 22.2 33.2

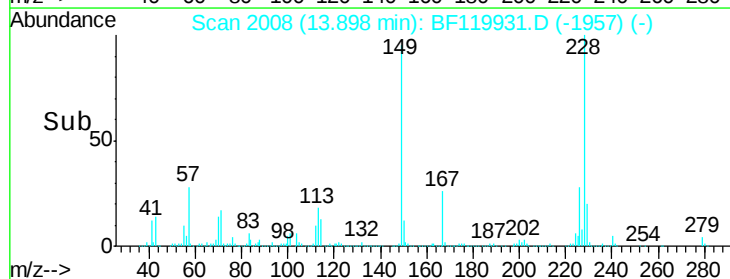
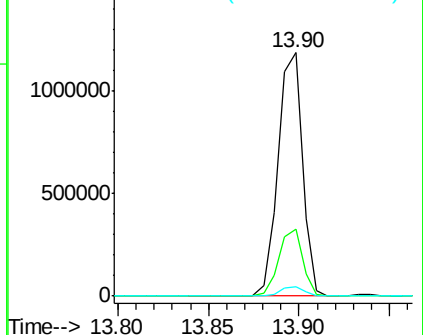
279 3.9 3.4 5.0

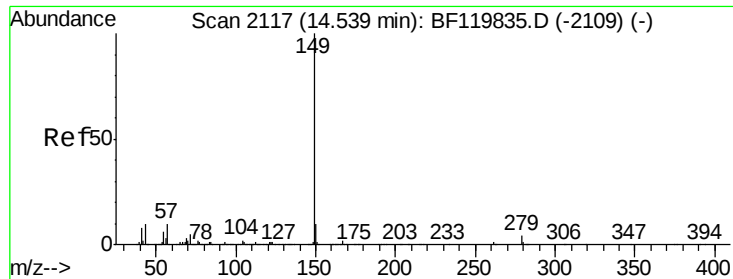


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

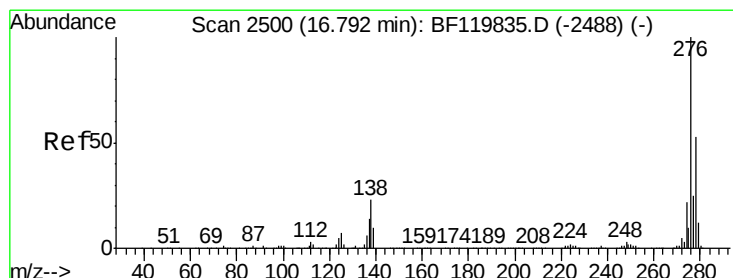
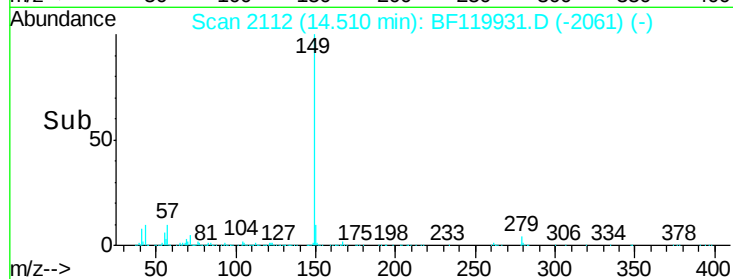
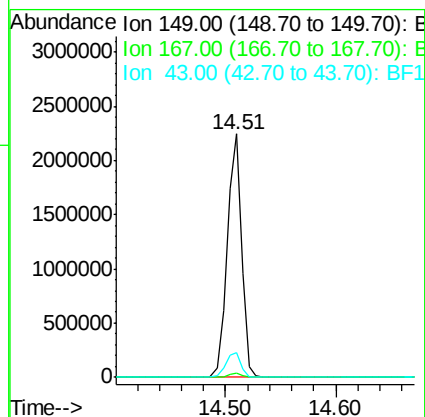
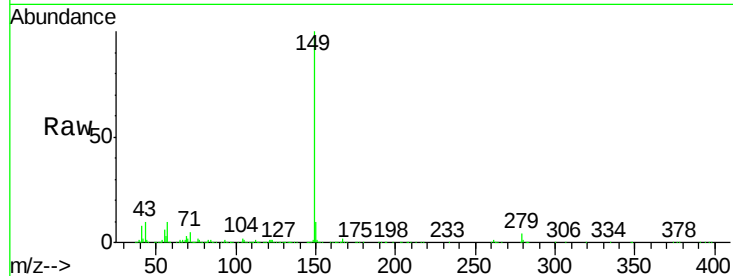




#85
Di-n-octyl phthalate
Concen: 35.187 ng
RT: 14.51 min Scan# 2112
Delta R.T. -0.00 min
Lab File: BF119931.D
Acq: 14 Apr 2020 3:26

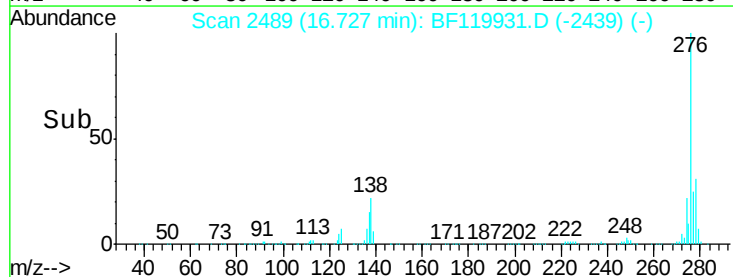
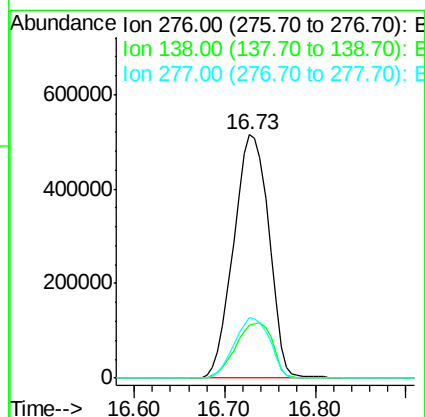
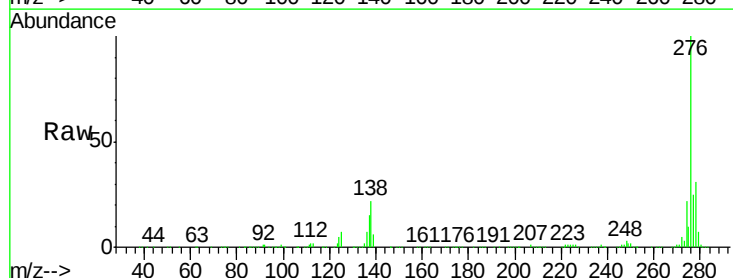
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

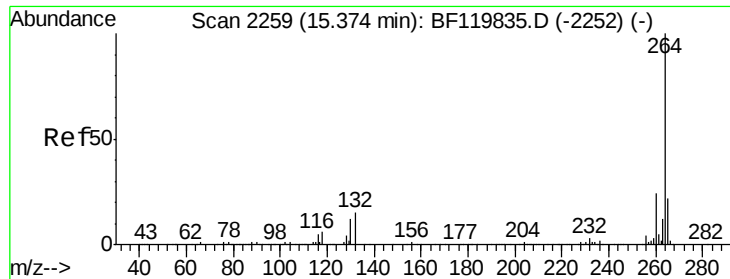
Tot Ion:149 Resp: 2039206
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.9 9.2 13.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.502 ng
RT: 16.73 min Scan# 2489
Delta R.T. -0.01 min
Lab File: BF119931.D
Acq: 14 Apr 2020 3:26

Tgt Ion:276 Resp: 1393944
Ion Ratio Lower Upper
276 100
138 23.8 18.0 27.0
277 25.0 20.1 30.1

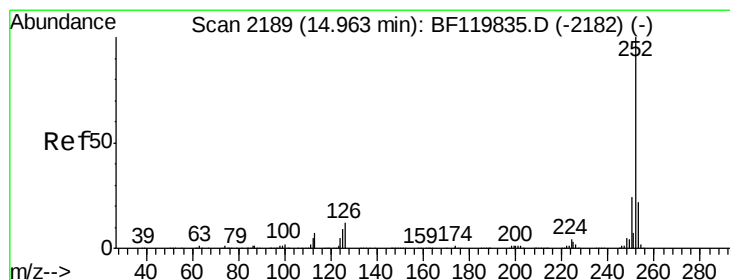
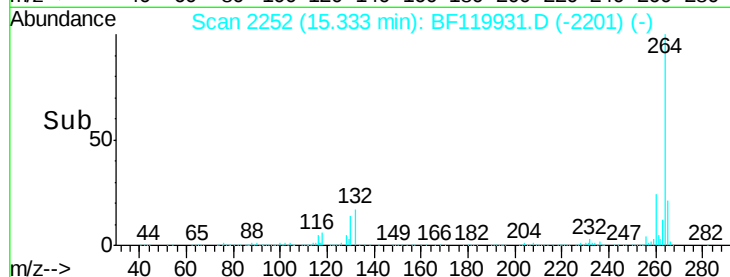
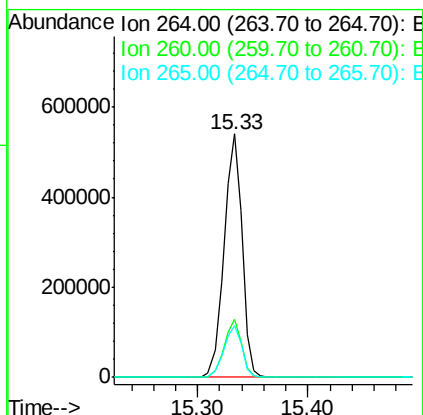
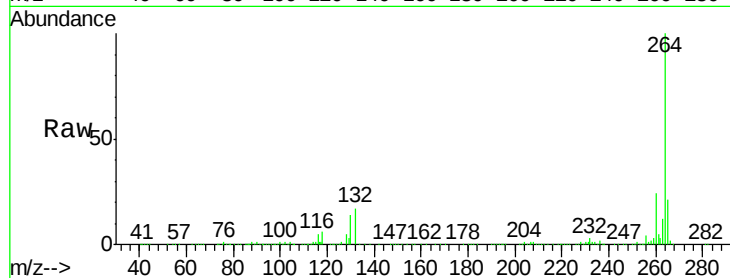




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BF119931.D
Acq: 14 Apr 2020 3:26

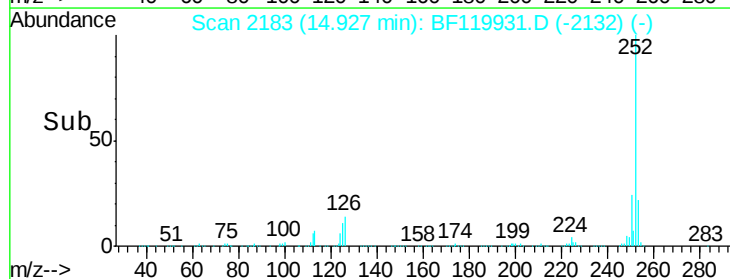
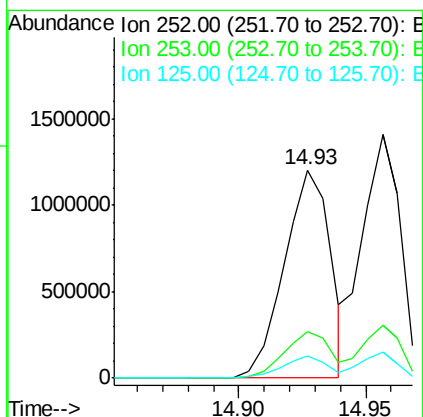
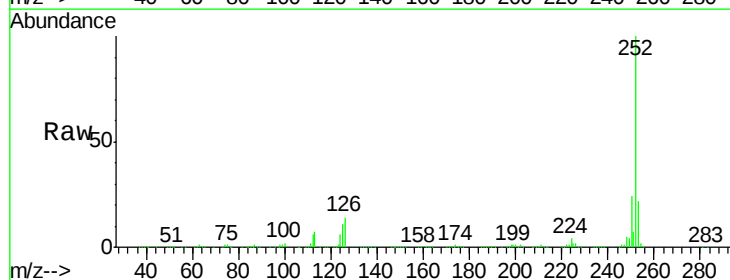
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

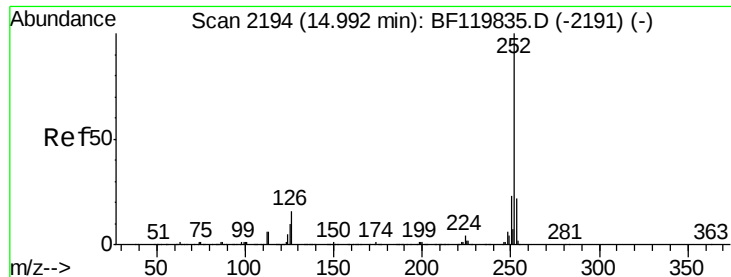
Tot Ion:264 Resp: 615544
Ion Ratio Lower Upper
264 100
260 23.8 19.3 28.9
265 21.3 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 34.225 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BF119931.D
Acq: 14 Apr 2020 3:26

Tgt Ion:252 Resp: 1515529
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 10.8 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 38.850 ng

RT: 14.96 min Scan# 2188

Delta R.T. -0.01 min

Lab File: BF119931.D

Acq: 14 Apr 2020 3:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

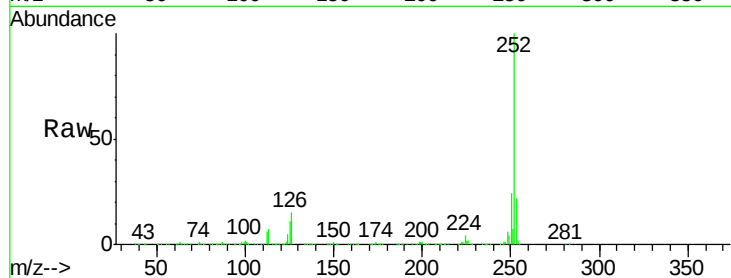
Tot Ion:252 Resp: 1484319

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

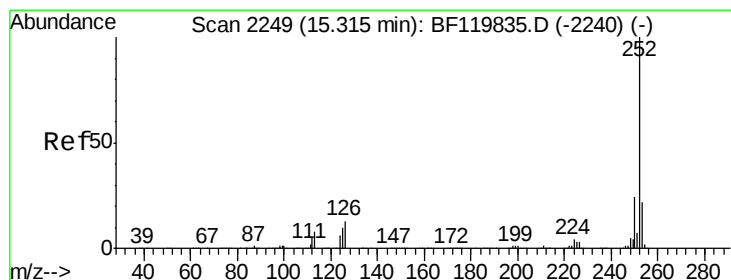
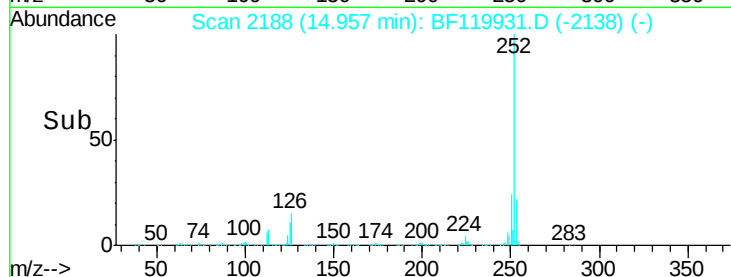
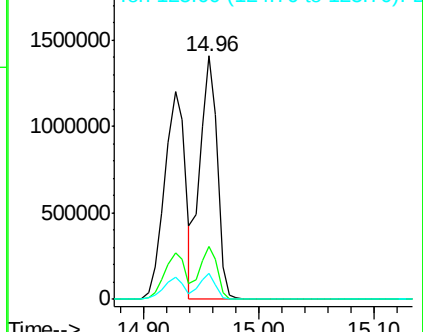
125 10.5 7.7 11.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 37.137 ng

RT: 15.28 min Scan# 2243

Delta R.T. -0.00 min

Lab File: BF119931.D

Acq: 14 Apr 2020 3:26

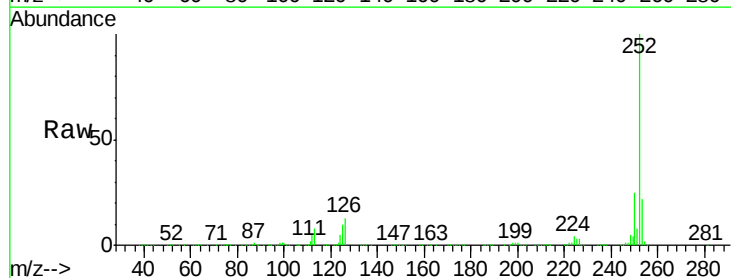
Tgt Ion:252 Resp: 1382656

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

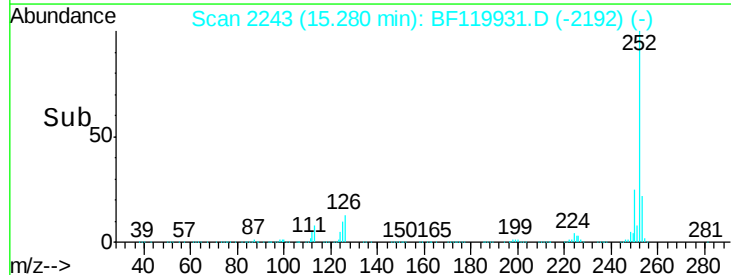
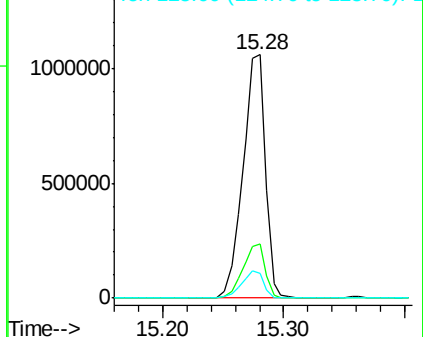
125 10.2 8.3 12.5

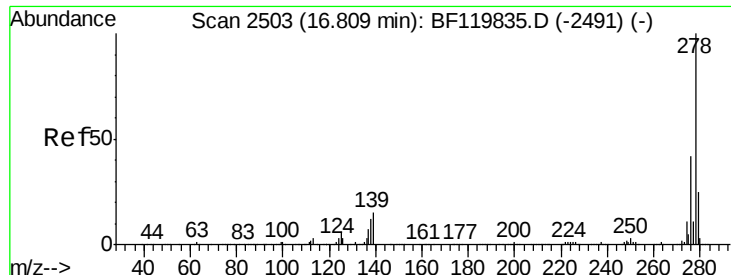


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 35.191 ng

RT: 16.75 min Scan# 2493

Delta R.T. 0.00 min

Lab File: BF119931.D

Acq: 14 Apr 2020 3:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

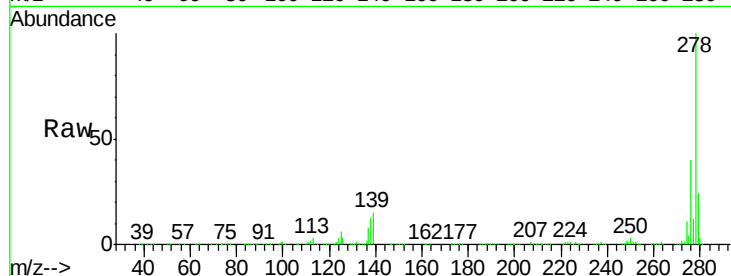
Tot Ion:278 Resp: 1160555

Ion Ratio Lower Upper

278 100

139 15.0 11.6 17.4

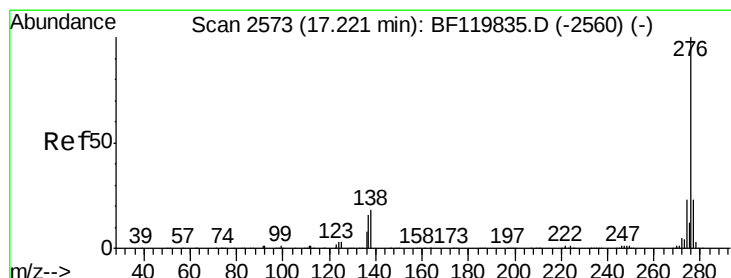
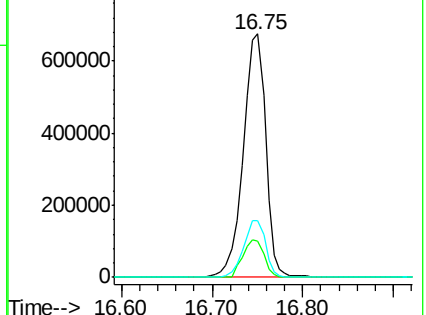
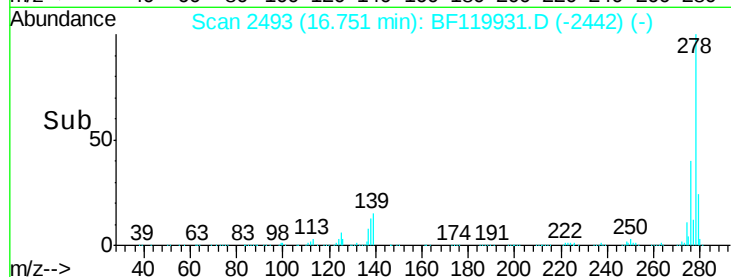
279 23.5 19.7 29.5



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: 33.761 ng

RT: 17.15 min Scan# 2561

Delta R.T. -0.01 min

Lab File: BF119931.D

Acq: 14 Apr 2020 3:26

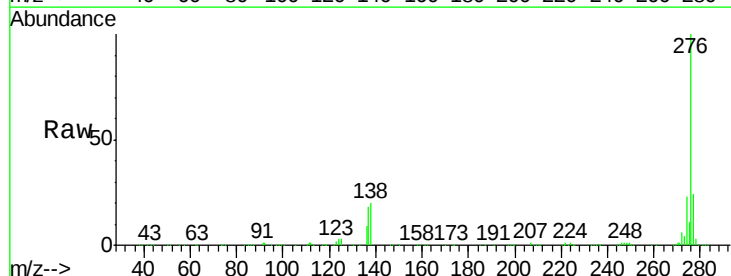
Tgt Ion:276 Resp: 1099048

Ion Ratio Lower Upper

276 100

277 24.1 18.5 27.7

138 20.5 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

