

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
 Data File : BF119411.D
 Acq On : 18 Mar 2020 12:40
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Mar 18 14:31:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 14:23:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	282668	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1027410	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	515584	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	991170	20.00	ng	0.00
76) Chrysene-d12	14.03	240	706290	20.00	ng	0.00
87) Perylene-d12	15.50	264	669636	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1713718	101.32	ng	0.00
7) Phenol-d6	6.48	99	2191985	106.56	ng	0.00
23) Nitrobenzene-d5	7.42	82	1898226	97.55	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	527778	78.25	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	3178153	90.81	ng	0.00
79) Terphenyl-d14	12.98	244	3332893	81.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	430901	57.218	ng	98
3) Pyridine	3.36	79	1186955	57.712	ng	99
4) n-Nitrosodimethylamine	3.31	42	583567	93.666	ng	99
6) Aniline	6.52	93	1532234	60.365	ng	99
8) 2-Chlorophenol	6.64	128	907816	49.733	ng	96
9) Benzaldehyde	6.40	77	683909	49.762	ng	99
10) Phenol	6.49	94	1187876	53.410	ng	98
11) bis(2-Chloroethyl)ether	6.59	93	942982	55.413	ng	98
12) 1,3-Dichlorobenzene	6.80	146	977020	44.657	ng	99
13) 1,4-Dichlorobenzene	6.87	146	966396	44.141	ng	99
14) 1,2-Dichlorobenzene	7.03	146	912674	45.710	ng	98
15) Benzyl Alcohol	7.00	79	839361	56.457	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1884877	127.863	ng	100
17) 2-Methylphenol	7.10	107	833059	56.290	ng	98
18) Hexachloroethane	7.37	117	362065	46.225	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	660157	55.074	ng	96
20) 3+4-Methylphenols	7.26	107	1022409	56.390	ng	96
22) Acetophenone	7.27	105	1187144	49.940	ng	# 96
24) Nitrobenzene	7.44	77	1007539	52.360	ng	98
25) Isophorone	7.68	82	1847882	54.681	ng	99
26) 2-Nitrophenol	7.76	139	416943	40.894	ng	98
27) 2,4-Dimethylphenol	7.79	122	802925	58.026	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	1092562	49.671	ng	98
29) 2,4-Dichlorophenol	7.99	162	743068	45.616	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	813389	42.114	ng	99
31) Naphthalene	8.17	128	2549840	47.854	ng	99
32) Benzoic acid	7.91	122	569579	60.416	ng	97
33) 4-Chloroaniline	8.21	127	1180733	51.521	ng	98
34) Hexachlorobutadiene	8.29	225	455260	37.842	ng	99
35) Caprolactam	8.59	113	239816	47.812	ng	# 85
36) 4-Chloro-3-methylphenol	8.69	107	811549	49.227	ng	98
37) 2-Methylnaphthalene	8.86	142	1688318	47.084	ng	98
38) 1-Methylnaphthalene	8.96	142	1582041	46.913	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	730265	42.009	ng	99

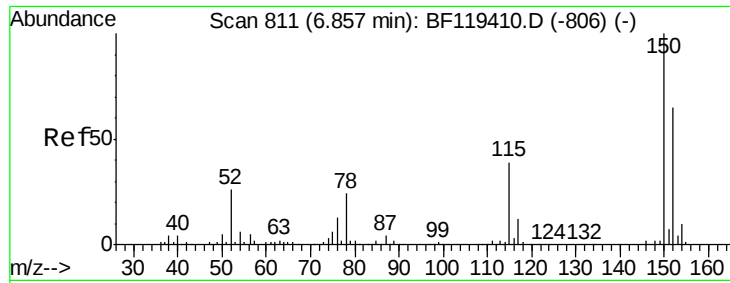
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
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 QLast Update : Wed Mar 18 14:23:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	415790	81.560	nq	98
43) 2,4,6-Trichlorophenol	9.13	196	523990	47.733	nq	98
44) 2,4,5-Trichlorophenol	9.17	196	594561	51.614	nq	97
46) 1,1'-Biphenyl	9.33	154	2035858	48.857	nq	98
47) 2-Chloronaphthalene	9.35	162	1598151	47.593	nq	98
48) 2-Nitroaniline	9.44	65	590622	63.061	nq	95
49) Acenaphthylene	9.77	152	2480520	51.146	nq	100
50) Dimethylphthalate	9.63	163	1765609	44.783	nq	100
51) 2,6-Dinitrotoluene	9.69	165	400697	45.746	nq	86
52) Acenaphthene	9.94	154	1556780	53.234	nq	98
53) 3-Nitroaniline	9.85	138	502409	51.738	nq	95
54) 2,4-Dinitrophenol	9.95	184	151475	41.947	nq	85
55) Dibenzofuran	10.11	168	2221538	50.895	nq	99
56) 4-Nitrophenol	10.00	139	405319	69.471	nq	88
57) 2,4-Dinitrotoluene	10.09	165	513365	45.216	nq	91
58) Fluorene	10.46	166	1641638	48.400	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	447457	46.035	nq	98
60) Diethylphthalate	10.33	149	1804776	48.576	nq	100
61) 4-Chlorophenyl-phenylether	10.45	204	808532	45.035	nq	99
62) 4-Nitroaniline	10.47	138	479032	48.216	nq	99
63) Azobenzene	10.60	77	1818931	56.323	nq	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	221635	36.953	nq	82
66) n-Nitrosodiphenylamine	10.56	169	1555810	47.938	nq	99
67) 4-Bromophenyl-phenylether	10.94	248	536179	41.385	nq	94
68) Hexachlorobenzene	11.00	284	550465	36.851	nq	# 91
69) Atrazine	11.09	200	423293	37.330	nq	100
70) Pentachlorophenol	11.19	266	336160	55.867	nq	98
71) Phenanthrene	11.42	178	2446709	45.265	nq	99
72) Anthracene	11.47	178	2484969	46.011	nq	100
73) Carbazole	11.62	167	2458608	51.099	nq	99
74) Di-n-butylphthalate	11.96	149	2671417	45.847	nq	98
75) Fluoranthene	12.60	202	2668685	46.512	nq	98
77) Benzidine	12.73	184	1412992	49.192	nq	99
78) Pyrene	12.83	202	2740323	48.318	nq	100
80) Butylbenzylphthalate	13.46	149	1151342	48.235	nq	97
81) Benzo(a)anthracene	14.03	228	2202840	45.774	nq	100
82) 3,3'-Dichlorobenzidine	13.99	252	875071	46.828	nq	97
83) Chrysene	14.06	228	2250130	46.925	nq	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	1333666	44.226	nq	99
85) Di-n-octyl phthalate	14.63	149	2431546	50.608	nq	100
86) Indeno(1,2,3-cd)pyrene	16.98	276	2020748	43.522	nq	100
88) Benzo(b)fluoranthene	15.07	252	2276205	51.569	nq	100
89) Benzo(k)fluoranthene	15.11	252	1940666	47.444	nq	98
90) Benzo(a)pyrene	15.44	252	1964673	49.319	nq	98
91) Dibenzo(a,h)anthracene	17.00	278	1636698	46.694	nq	99
92) Benzo(g,h,i)perylene	17.43	276	1635244	47.217	nq	99

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

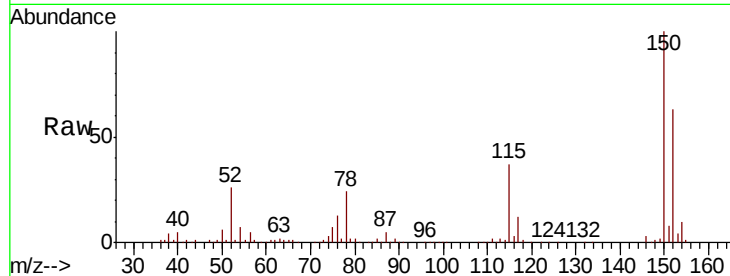


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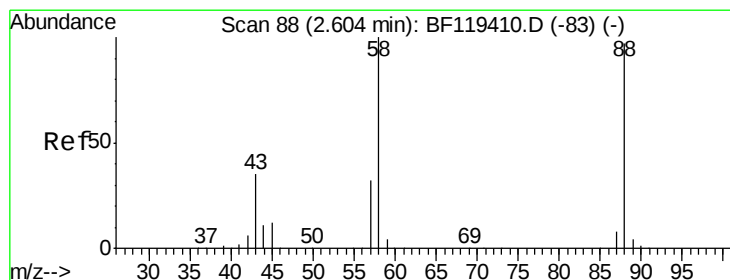
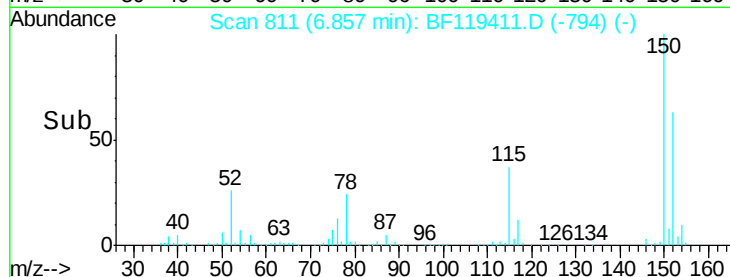
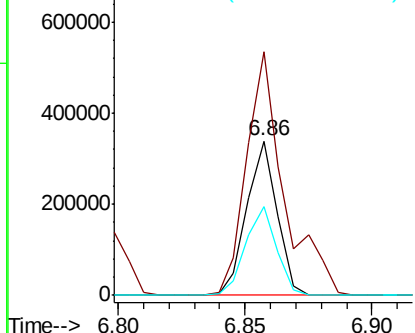
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF119411.D
Acq: 18 Mar 2020 12:40

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:152 Resp: 282668
Ion Ratio Lower Upper
152 100
150 157.8 123.9 185.9
115 57.6 47.8 71.6



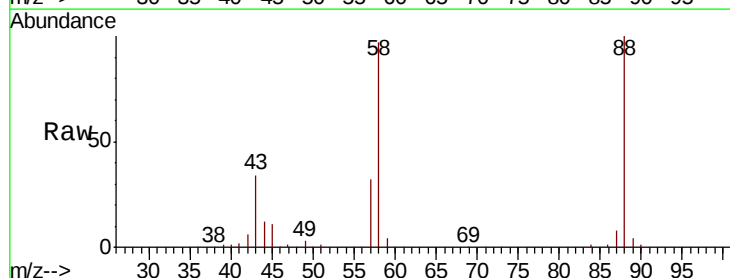
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



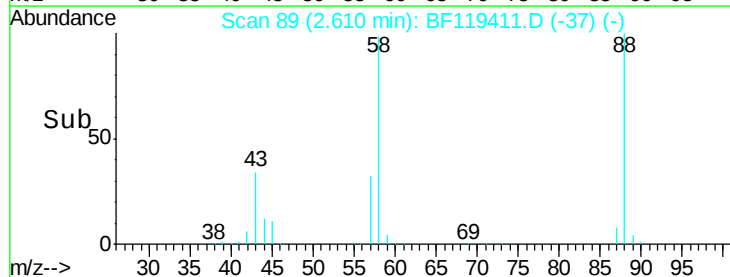
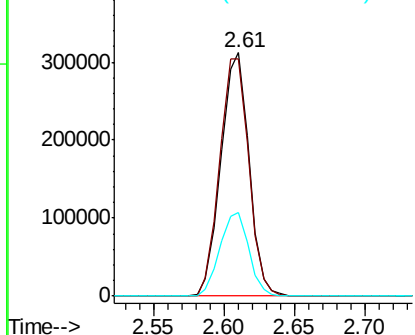
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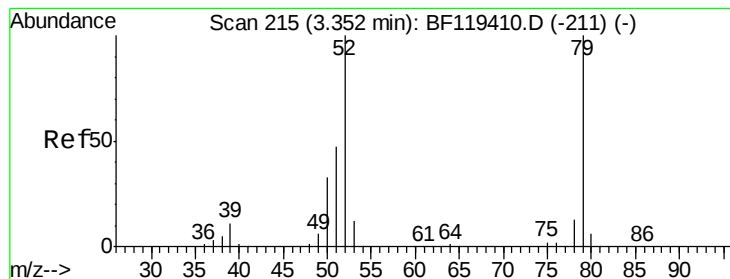
1,4-Dioxane
Concen: 57.218 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.01 min
Lab File: BF119411.D
Acq: 18 Mar 2020 12:40

Tgt Ion: 88 Resp: 430901
Ion Ratio Lower Upper
88 100
58 101.4 79.4 119.2
43 36.0 28.4 42.6



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: 57.712 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.01 min

Lab File: BF119411.D

Acq: 18 Mar 2020 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

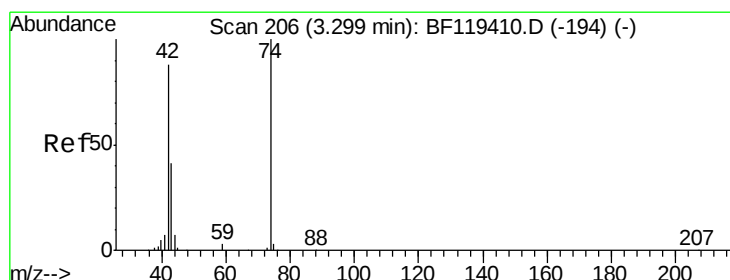
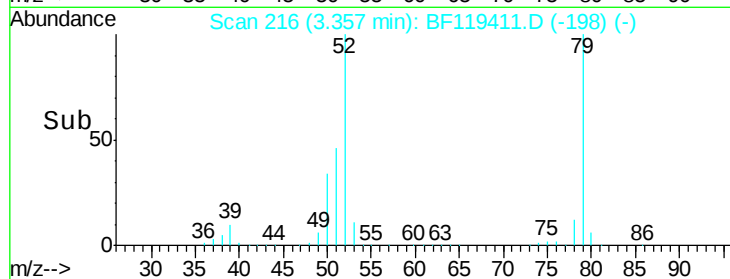
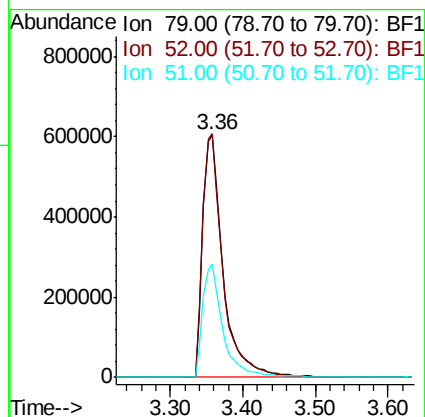
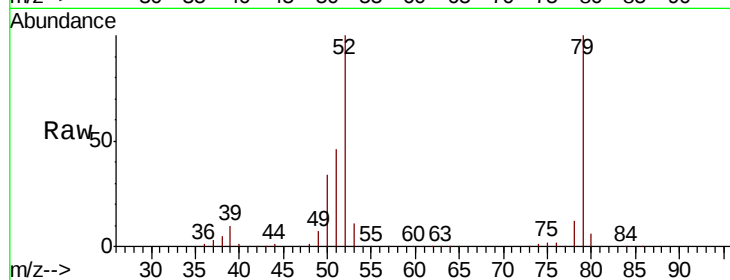
Tot Ion: 79 Resp: 1186955

Ion Ratio Lower Upper

79 100

52 100.3 80.0 120.0

51 46.5 37.9 56.9



#4

n-Nitrosodimethylamine

Concen: 93.666 ng

RT: 3.31 min Scan# 208

Delta R.T. 0.01 min

Lab File: BF119411.D

Acq: 18 Mar 2020 12:40

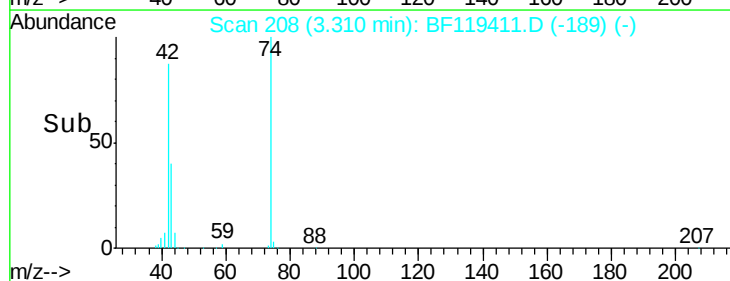
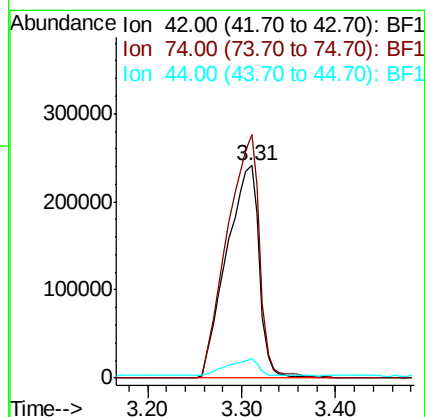
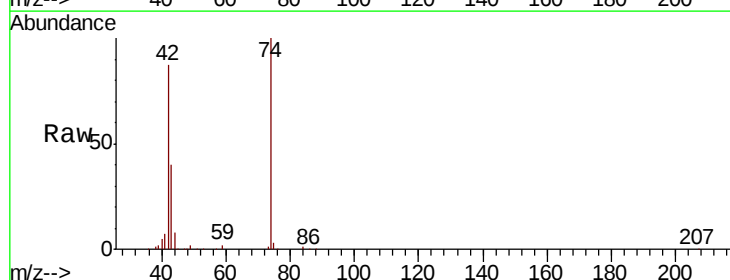
Tgt Ion: 42 Resp: 583567

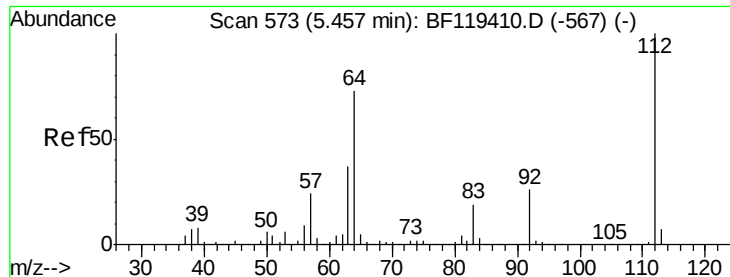
Ion Ratio Lower Upper

42 100

74 114.6 91.3 136.9

44 9.3 7.1 10.7

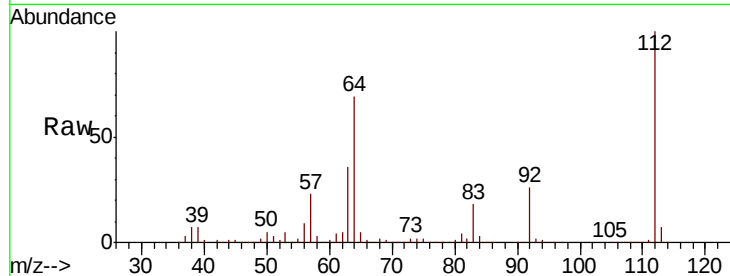




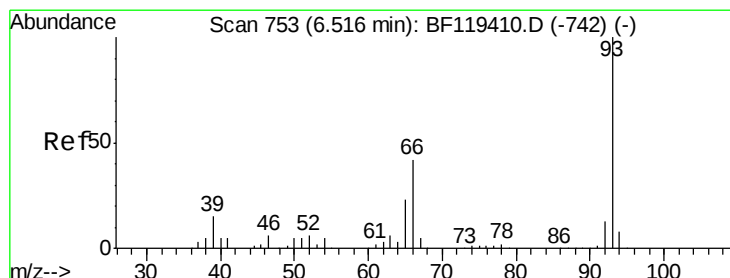
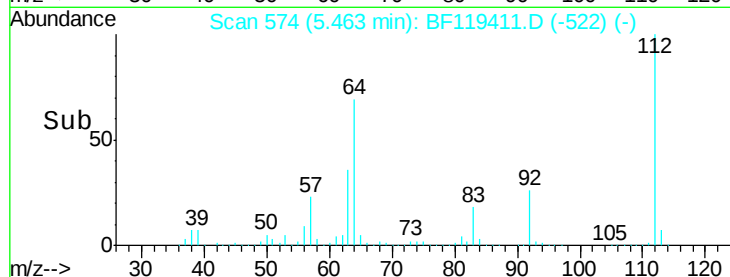
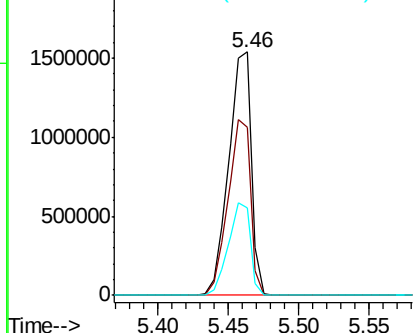
#5
2-Fluorophenol
Concen: 101.318 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.01 min
Lab File: BF119411.D
Acq: 18 Mar 2020 12:40

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:112 Resp: 1713718
Ion Ratio Lower Upper
112 100
64 69.3 58.1 87.1
63 35.8 29.7 44.5

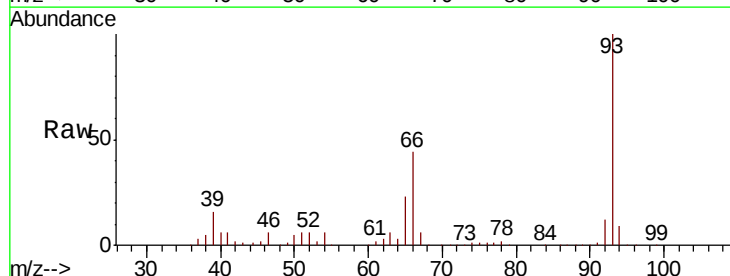


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

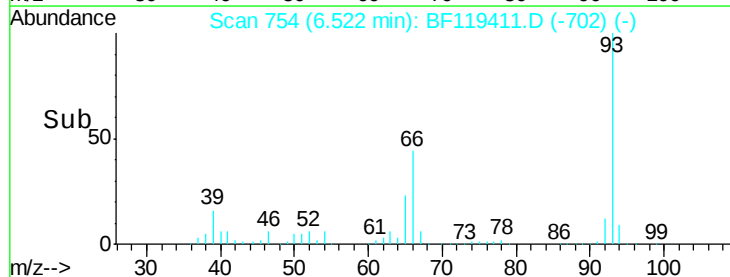
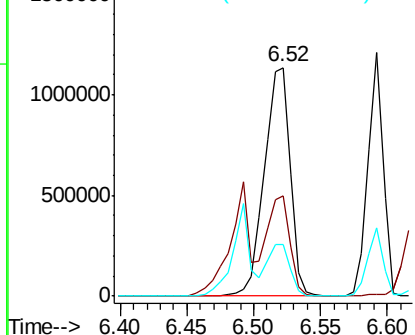


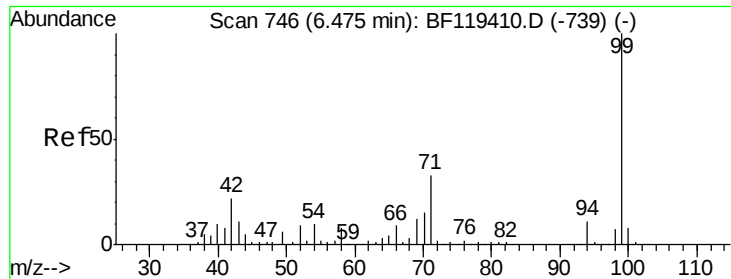
#6
Aniline
Concen: 60.365 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.01 min
Lab File: BF119411.D
Acq: 18 Mar 2020 12:40

Tgt Ion: 93 Resp: 1532234
Ion Ratio Lower Upper
93 100
66 43.7 34.2 51.4
65 22.6 18.2 27.4



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: 106.558 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF119411.D

Acq: 18 Mar 2020 12:40

Instrument :

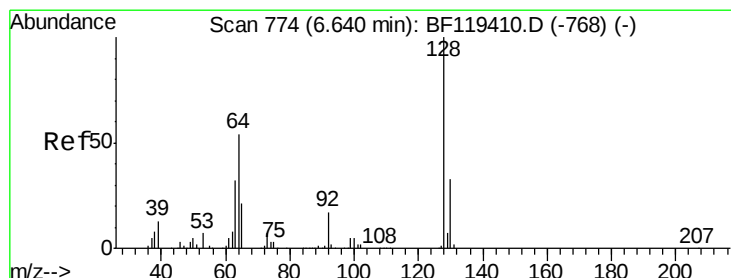
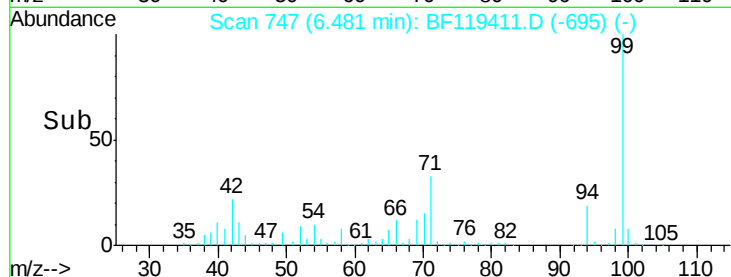
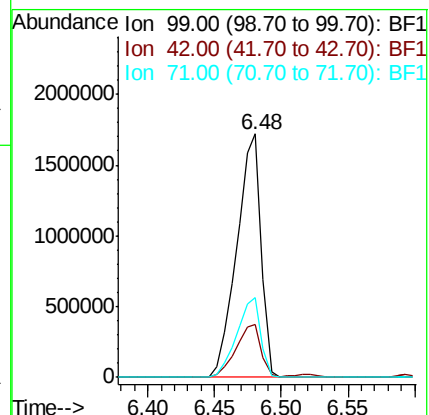
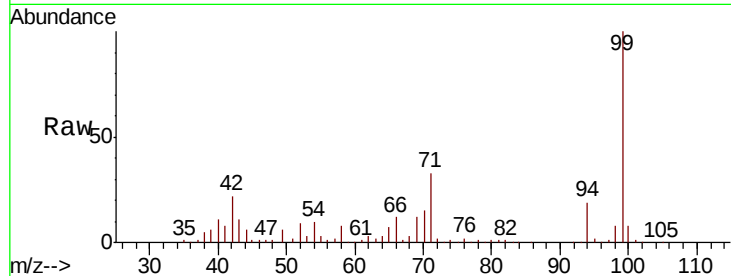
BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 99 Resp: 2191985

Ion	Ratio	Lower	Upper
99	100		
42	21.7	17.8	26.6
71	32.5	26.0	39.0



#8

2-Chlorophenol

Concen: 49.733 ng

RT: 6.64 min Scan# 774

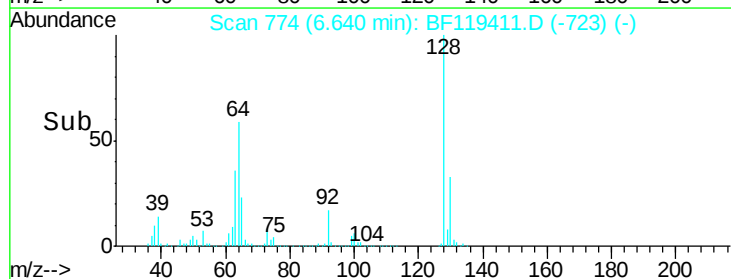
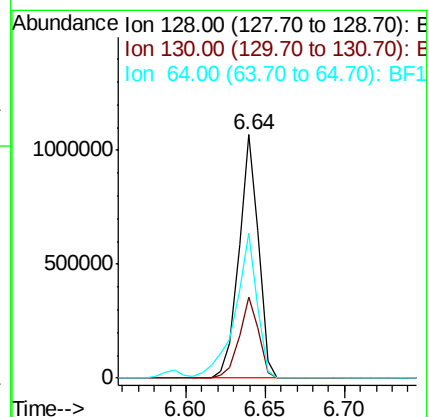
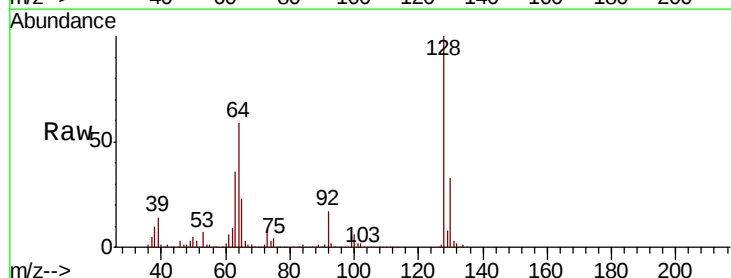
Delta R.T. 0.00 min

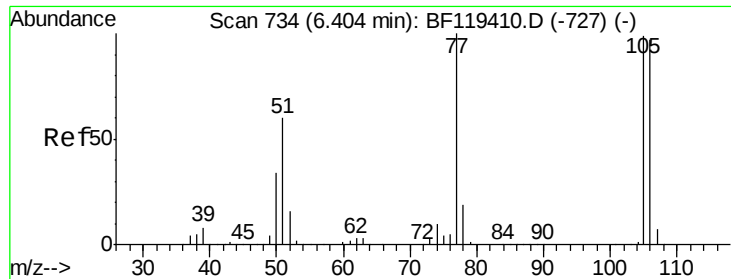
Lab File: BF119411.D

Acq: 18 Mar 2020 12:40

Tgt Ion: 128 Resp: 907816

Ion	Ratio	Lower	Upper
128	100		
130	33.3	13.0	53.0
64	59.4	35.1	75.1





#9

Benzaldehyde

Concen: 49.762 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF119411.D

Acq: 18 Mar 2020 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

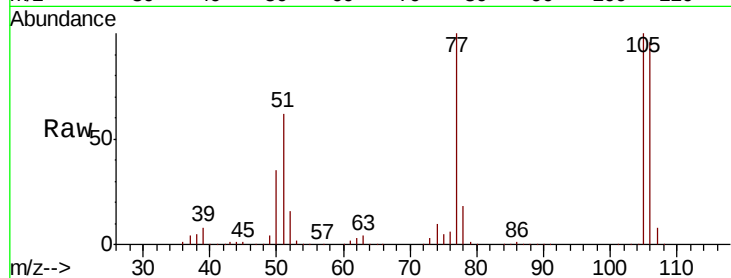
Tot Ion: 77 Resp: 683909

Ion Ratio Lower Upper

77 100

105 99.9 78.6 118.6

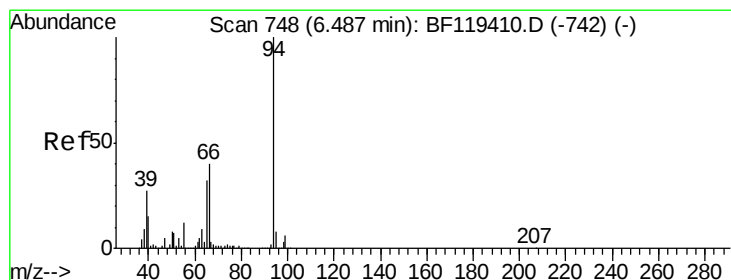
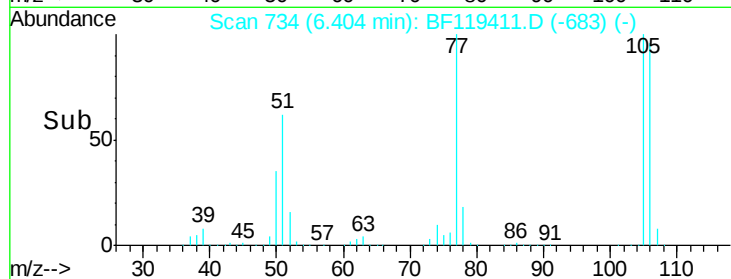
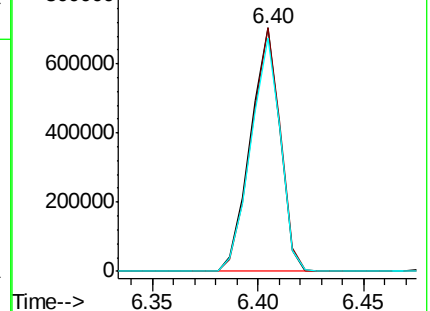
106 95.6 76.5 116.5



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: 53.410 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF119411.D

Acq: 18 Mar 2020 12:40

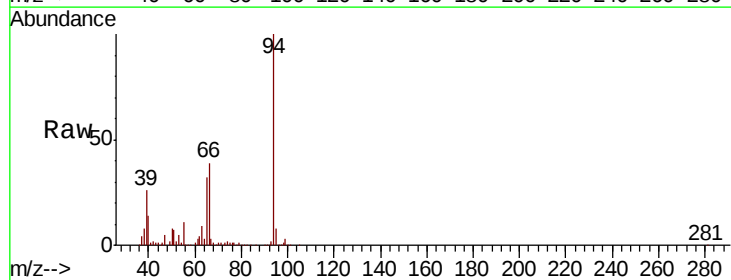
Tgt Ion: 94 Resp: 1187876

Ion Ratio Lower Upper

94 100

65 31.6 12.0 52.0

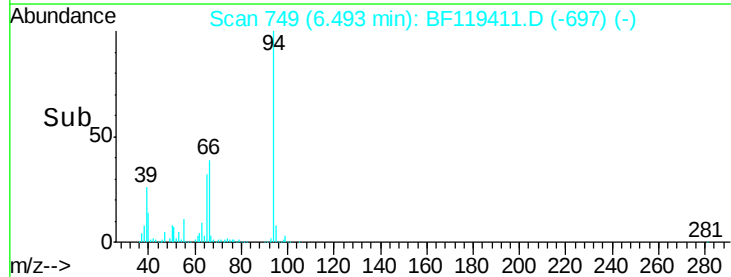
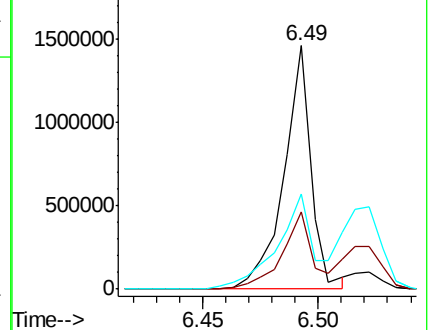
66 39.0 20.6 60.6

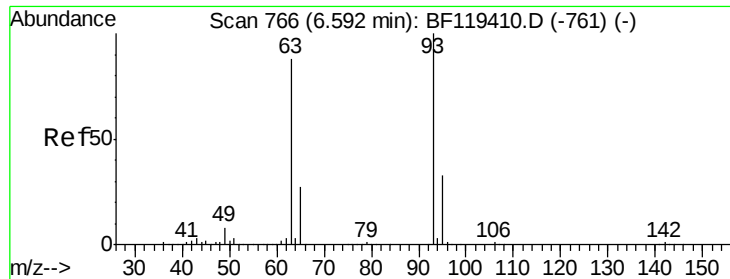


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

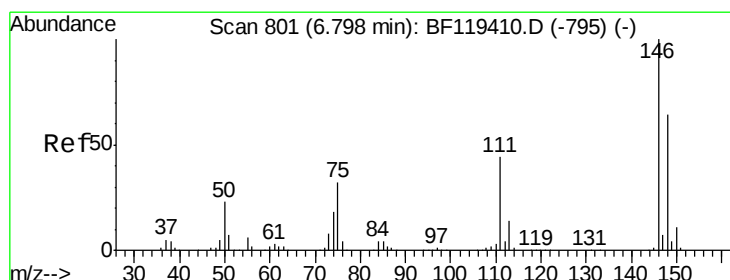
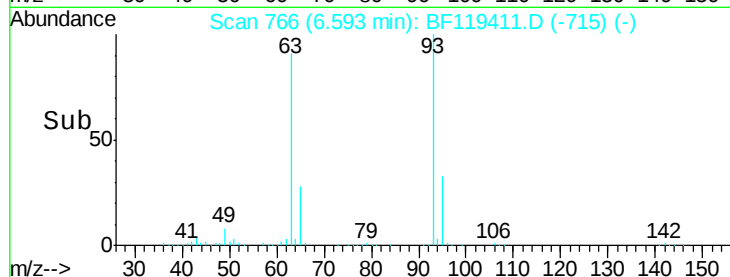
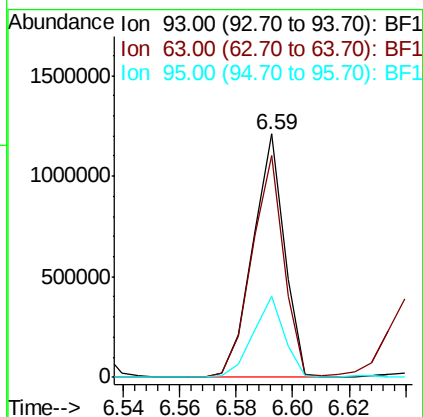
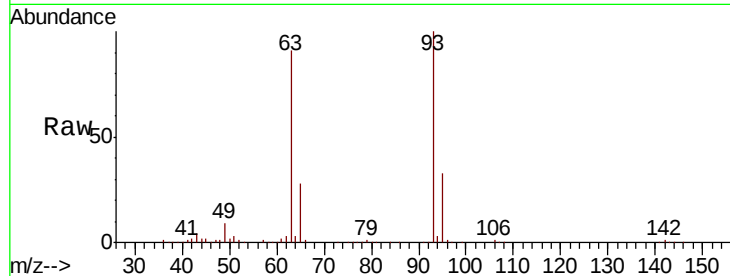




#11
bis(2-Chloroethyl)ether
Concen: 55.413 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF119411.D
Acq: 18 Mar 2020 12:40

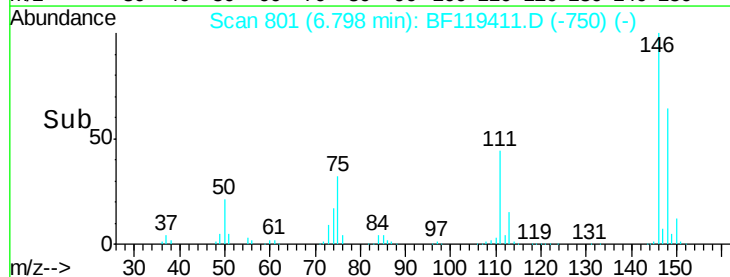
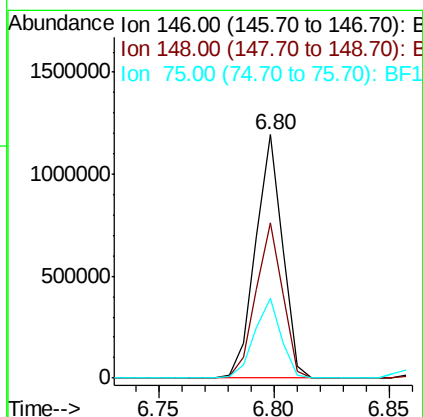
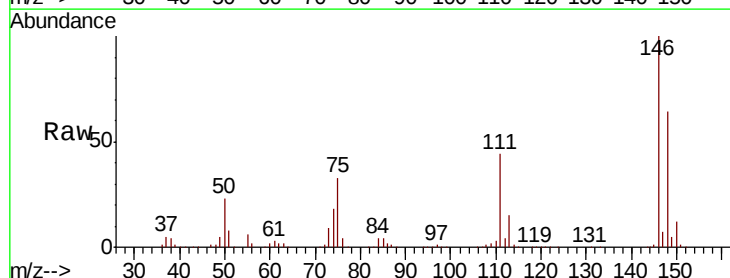
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

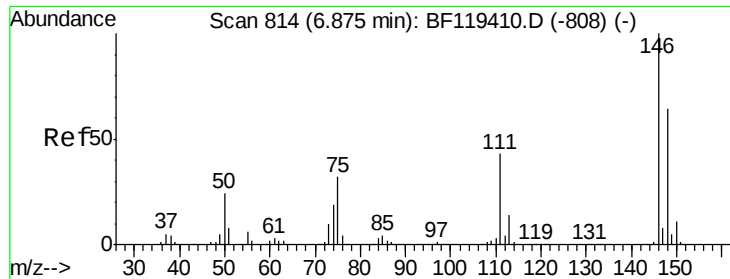
Tot Ion: 93 Resp: 942982
Ion Ratio Lower Upper
93 100
63 91.2 68.4 108.4
95 33.2 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 44.657 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF119411.D
Acq: 18 Mar 2020 12:40

Tgt Ion: 146 Resp: 977020
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.0
75 32.5 25.8 38.8

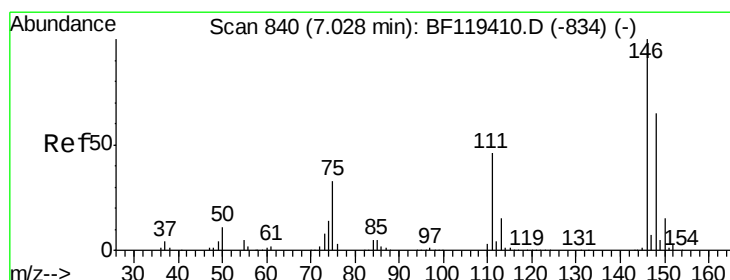
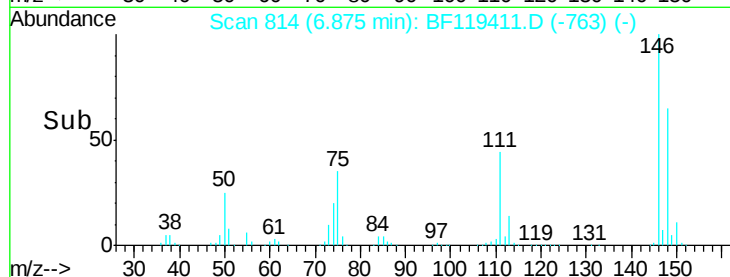
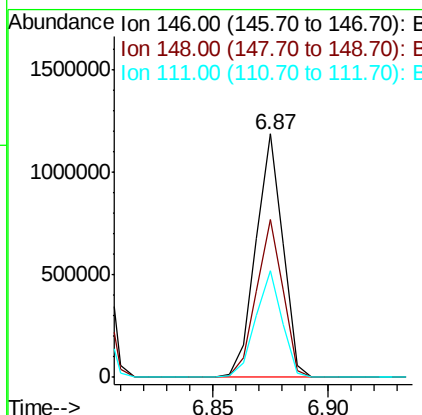
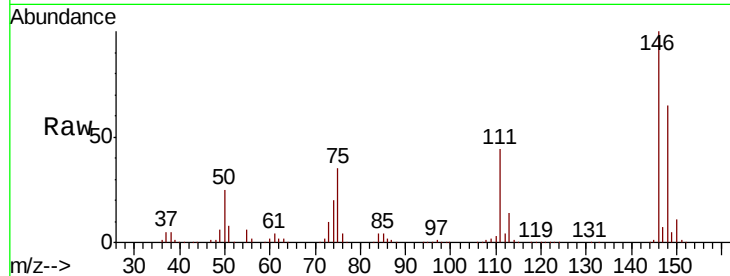




#13
 1,4-Dichlorobenzene
 Concen: 44.141 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF119411.D
 Acq: 18 Mar 2020 12:40

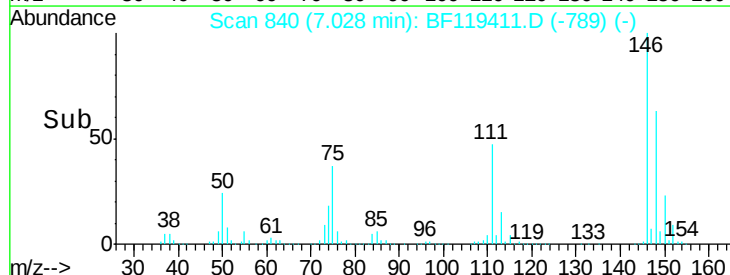
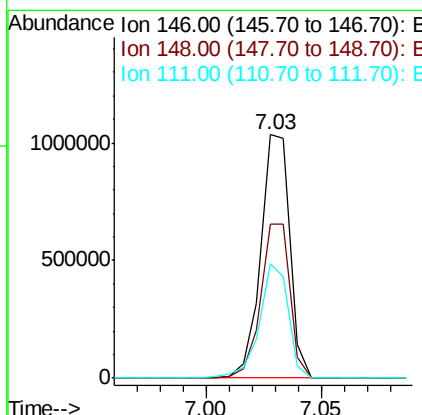
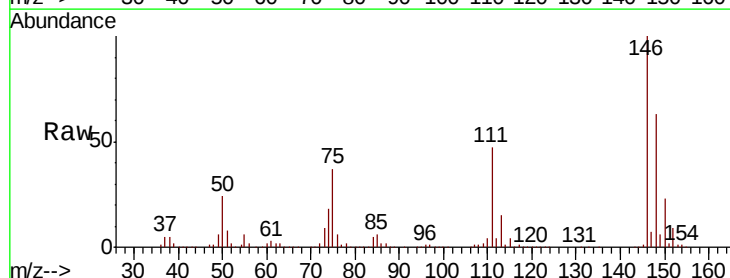
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

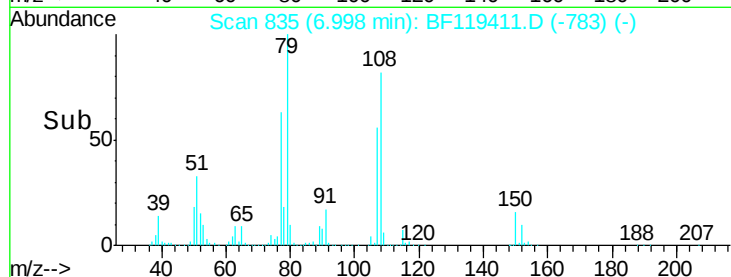
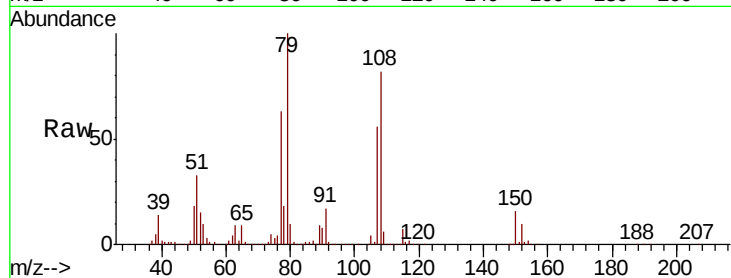
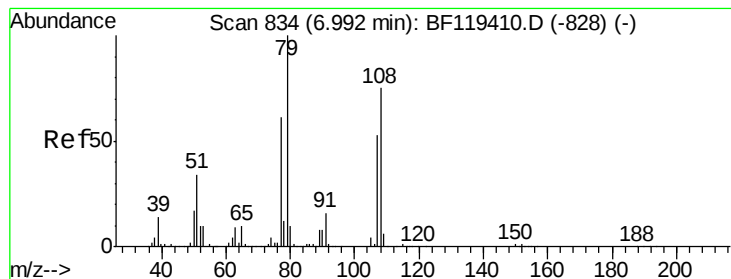
Tot Ion:146 Resp: 966396
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.9 76.3
 111 43.8 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 45.710 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF119411.D
 Acq: 18 Mar 2020 12:40

Tgt Ion:146 Resp: 912674
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.7 77.5
 111 47.1 36.4 54.6





#15

Benzyl Alcohol

Concen: 56.457 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF119411.D

Acq: 18 Mar 2020 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

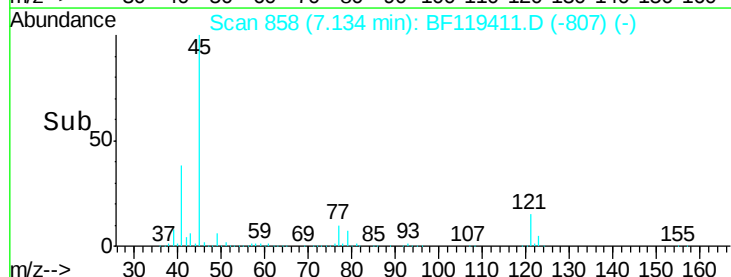
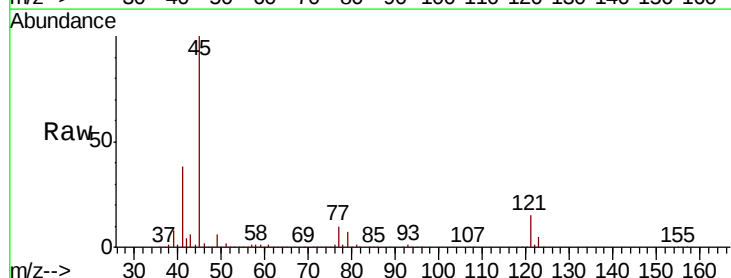
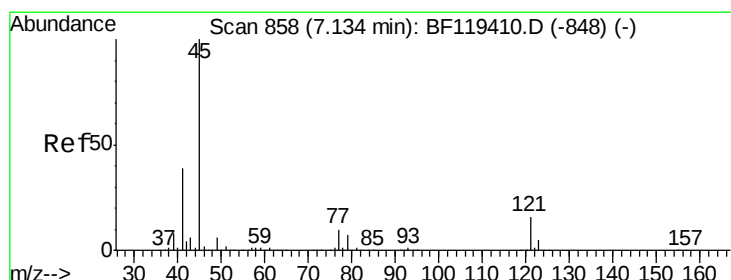
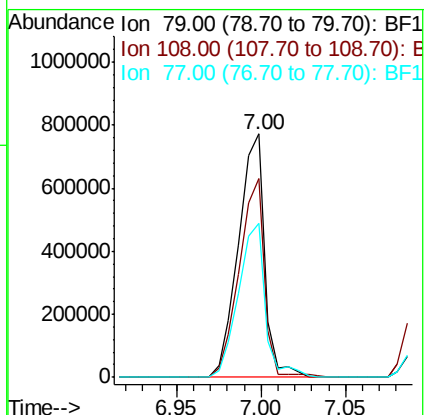
Tot Ion: 79 Resp: 839361

Ion Ratio Lower Upper

79 100

108 81.9 60.4 90.6

77 63.4 49.0 73.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 127.863 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF119411.D

Acq: 18 Mar 2020 12:40

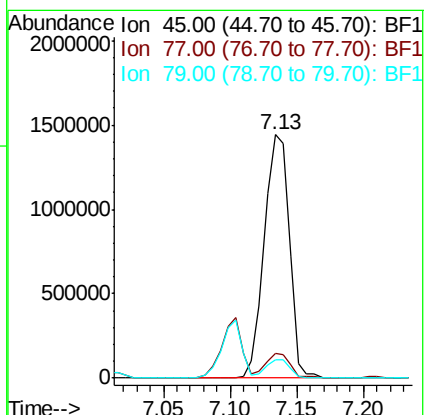
Tgt Ion: 45 Resp: 1884877

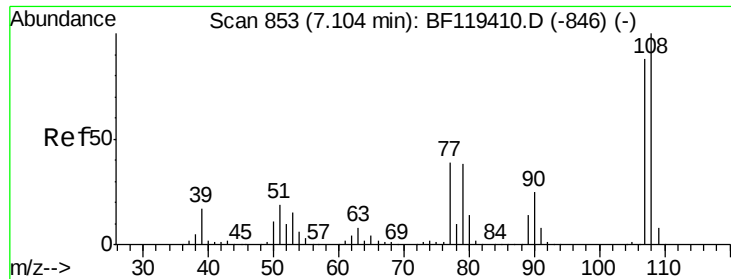
Ion Ratio Lower Upper

45 100

77 9.9 0.0 30.1

79 7.4 0.0 27.4

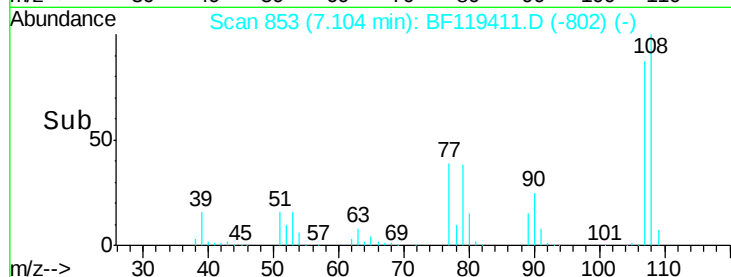
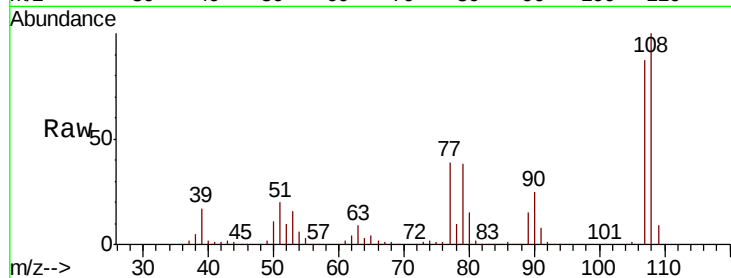




#17
2-Methylphenol
Concen: 56.290 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF119411.D
Acq: 18 Mar 2020 12:40

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.6	90.7	136.1
77	45.6	35.6	53.4
79	43.7	34.7	52.1



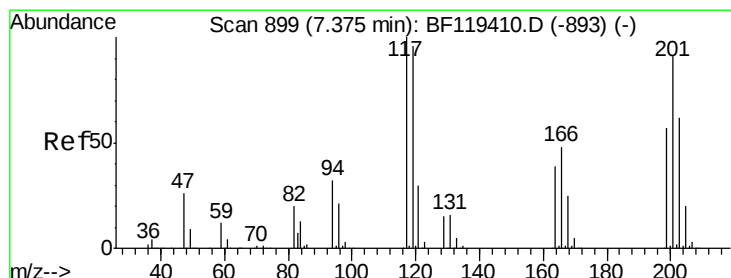
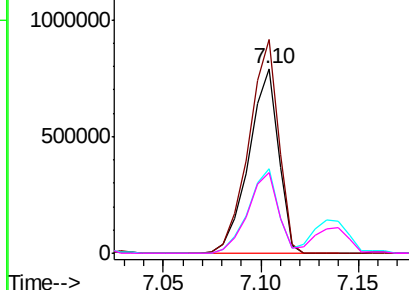
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

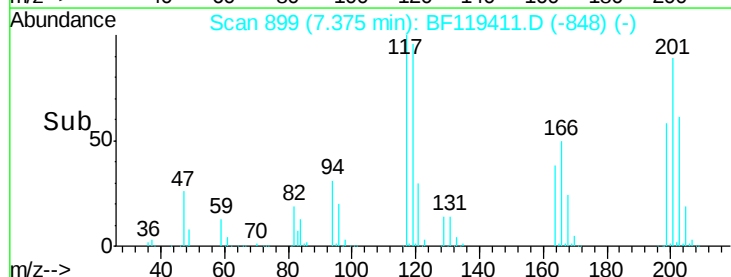
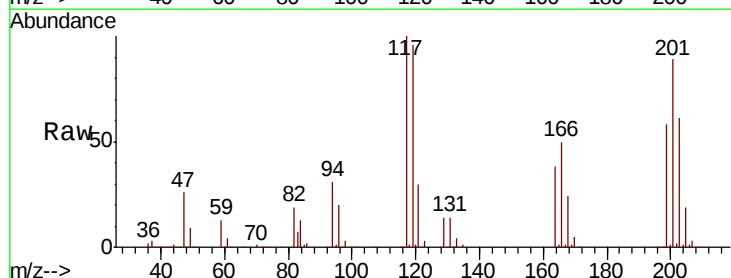
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 46.225 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF119411.D
Acq: 18 Mar 2020 12:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.8	115.2
201	88.9	72.5	108.7

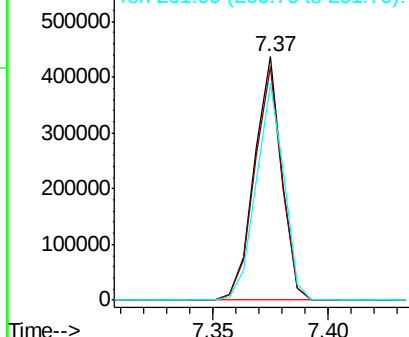


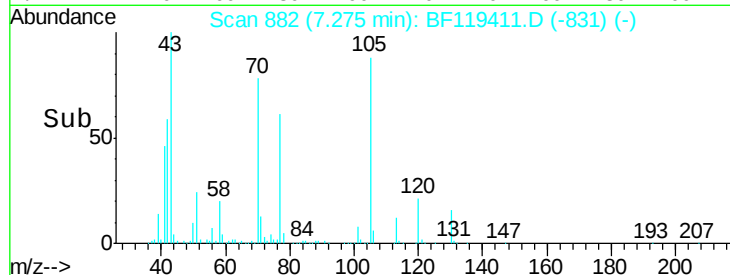
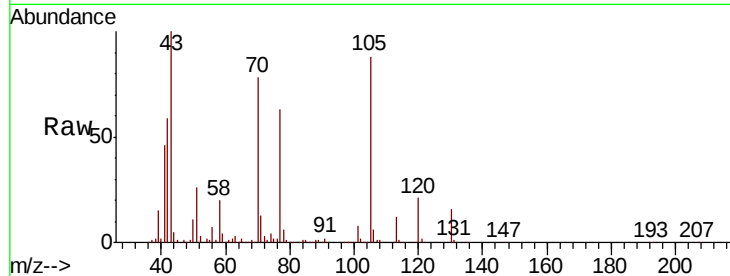
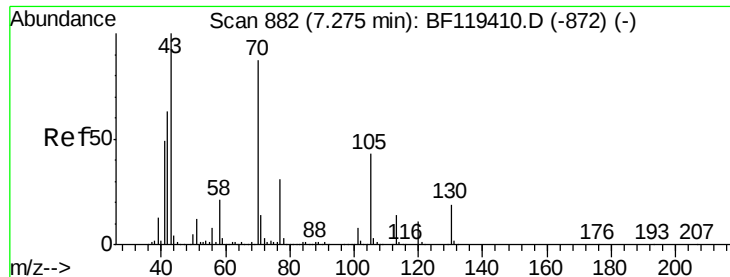
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

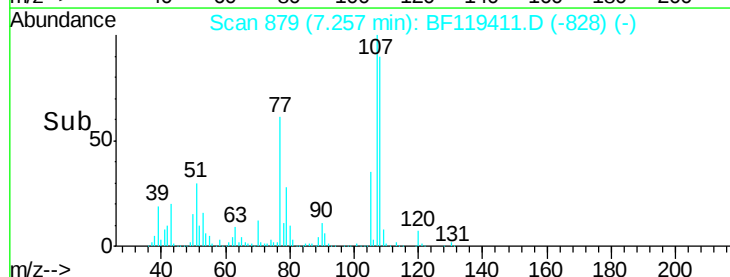
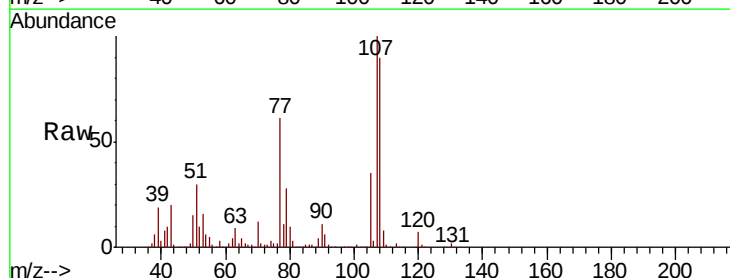
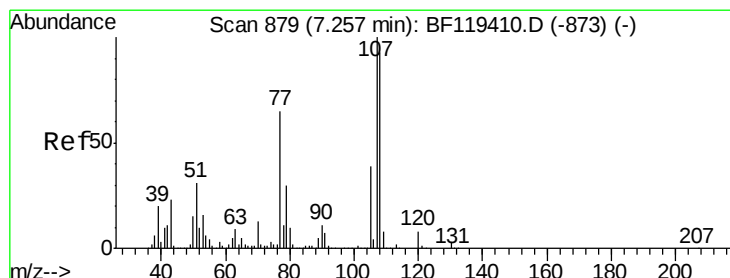
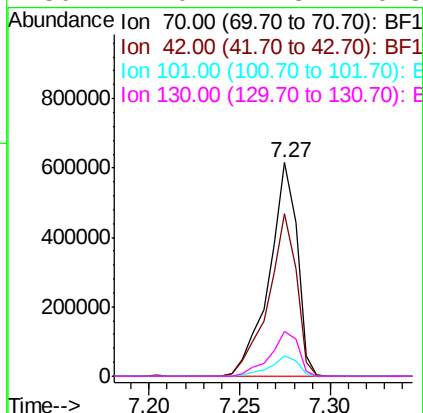




#19
n-Nitroso-di-n-propylamine
Concen: 55.074 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF119411.D
Acq: 18 Mar 2020 12:40

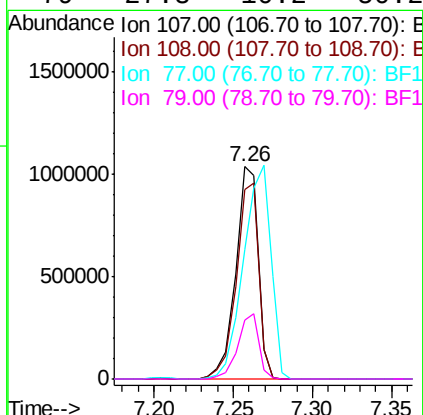
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

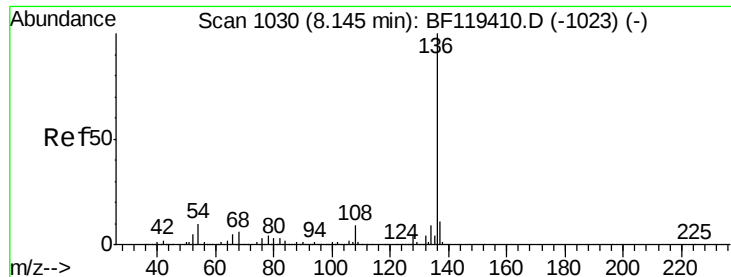
Tot Ion:	70	Resp:	660157
Ion	Ratio	Lower	Upper
70	100		
42	76.2	58.2	87.4
101	9.7	7.4	11.2
130	21.0	17.8	26.8



#20
3+4-Methylphenols
Concen: 56.390 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF119411.D
Acq: 18 Mar 2020 12:40

Tgt Ion:	107	Resp:	1022409
Ion	Ratio	Lower	Upper
107	100		
108	89.5	72.6	112.6
77	61.2	44.7	84.7
79	27.8	10.2	50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF119411.D

Acq: 18 Mar 2020 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:136 Resp: 1027410

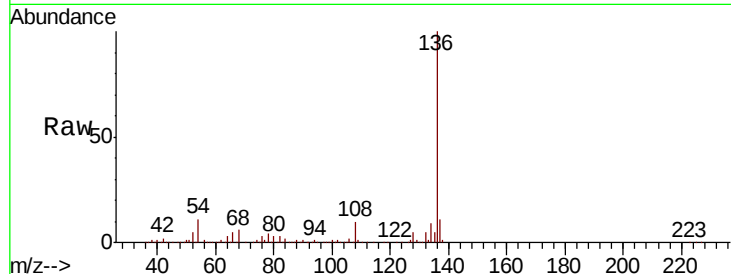
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 11.3 8.3 12.5

68 6.4 4.9 7.3

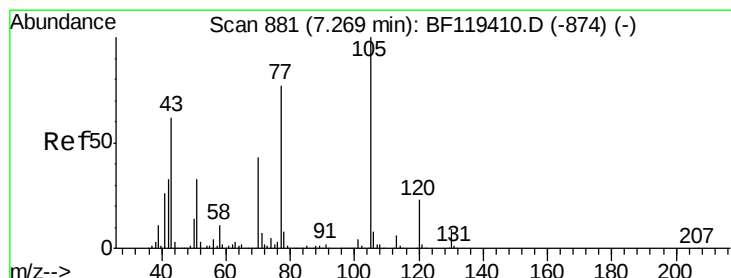
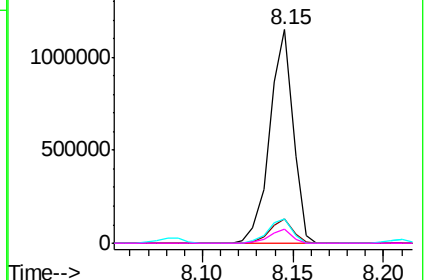
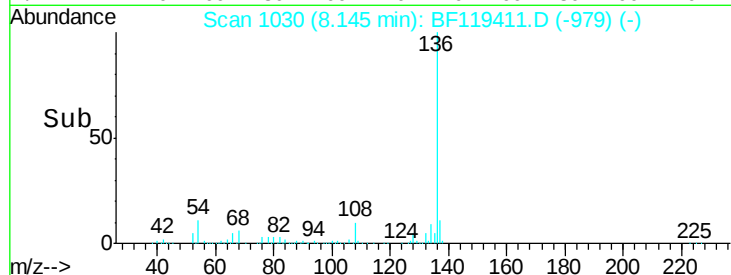


Abundance Ion 136.00 (135.70 to 136.70): E

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: 49.940 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF119411.D

Acq: 18 Mar 2020 12:40

Tgt Ion:105 Resp: 1187144

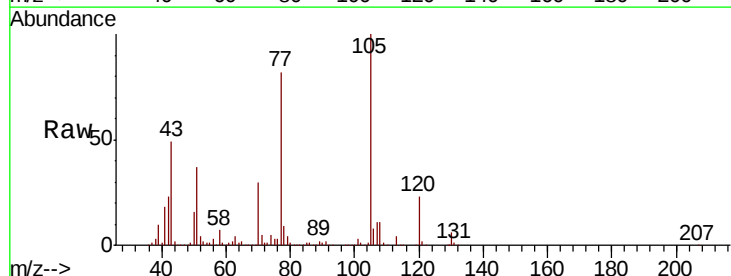
Ion Ratio Lower Upper

105 100

71 5.0 5.8 8.6#

51 36.6 26.8 40.2

120 22.8 18.0 27.0

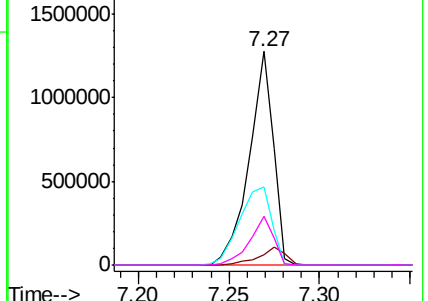
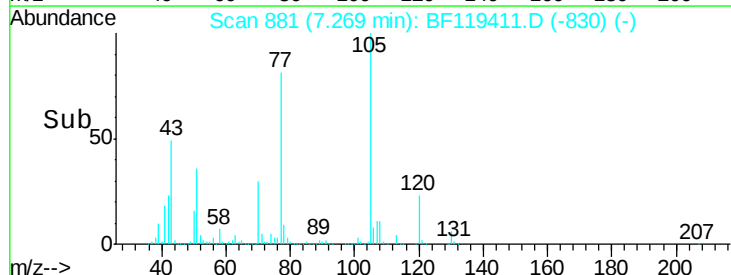


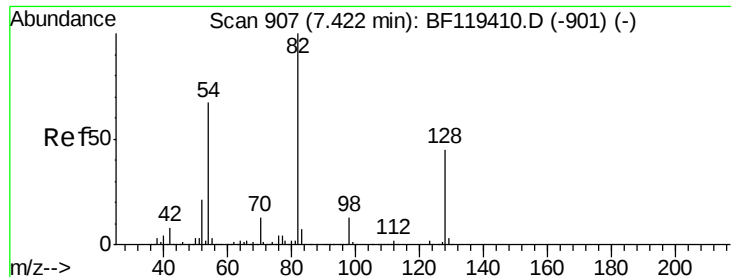
Abundance Ion 105.00 (104.70 to 105.70): E

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

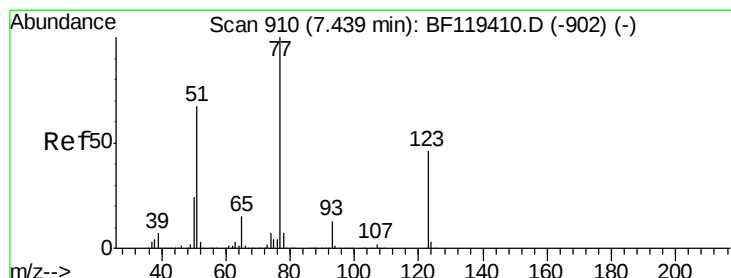
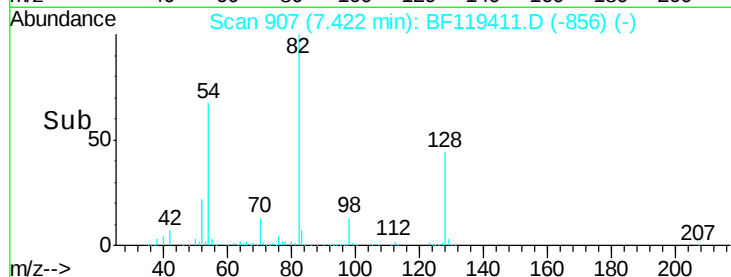
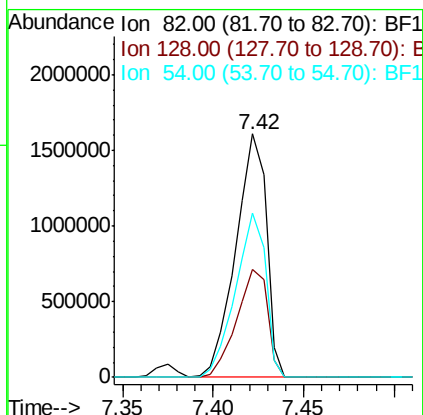
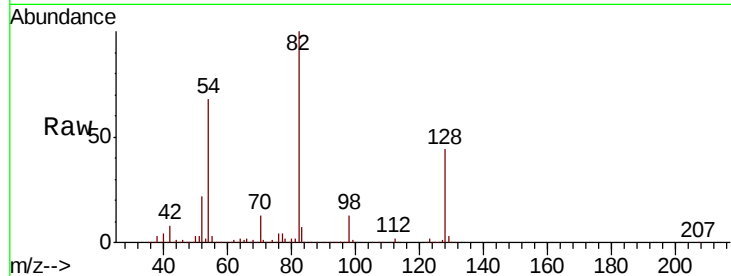




#23
Nitrobenzene-d5
Concen: 97.552 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF119411.D
Acq: 18 Mar 2020 12:40

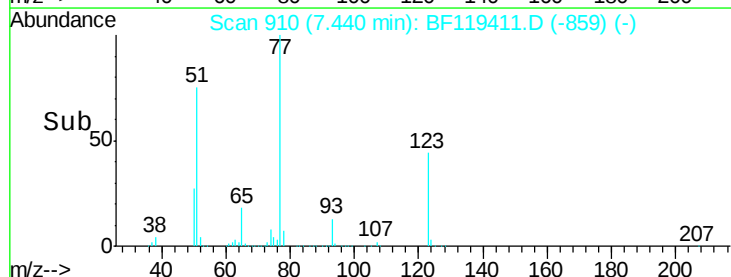
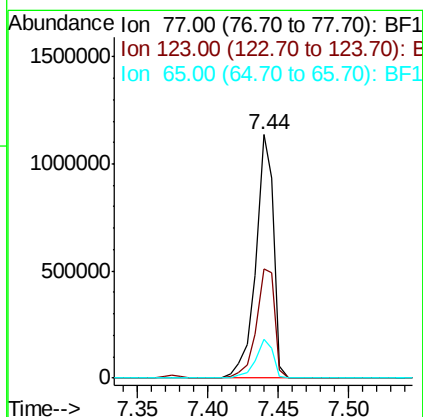
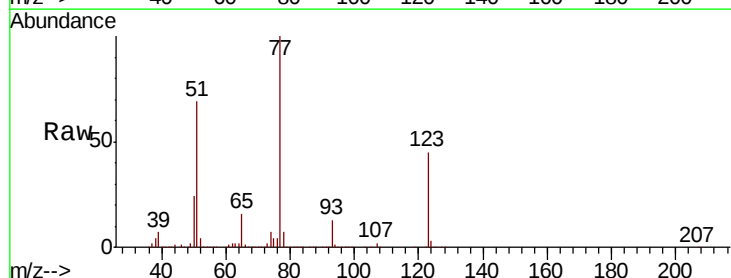
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

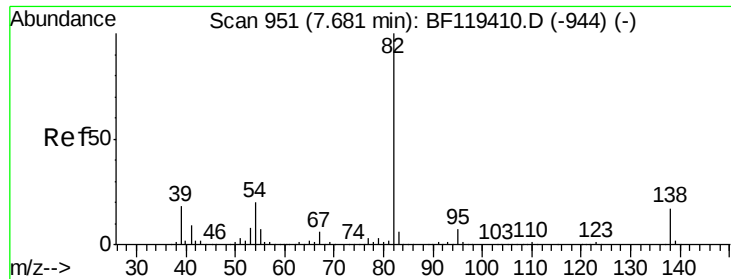
Tot Ion: 82 Resp: 1898226
Ion Ratio Lower Upper
82 100
128 44.4 35.8 53.8
54 67.5 53.4 80.0



#24
Nitrobenzene
Concen: 52.360 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF119411.D
Acq: 18 Mar 2020 12:40

Tgt Ion: 77 Resp: 1007539
Ion Ratio Lower Upper
77 100
123 44.9 36.9 55.3
65 16.0 12.2 18.4





#25

Isophorone

Concen: 54.681 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF119411.D

Acq: 18 Mar 2020 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

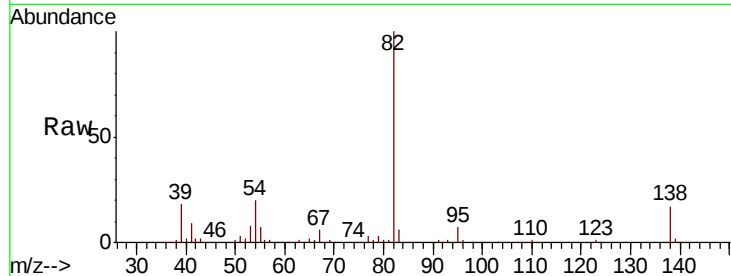
Tot Ion: 82 Resp: 1847882

Ion Ratio Lower Upper

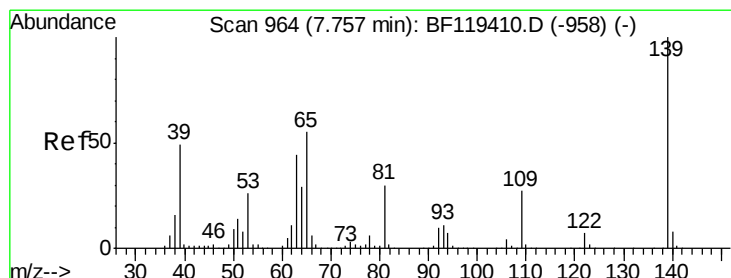
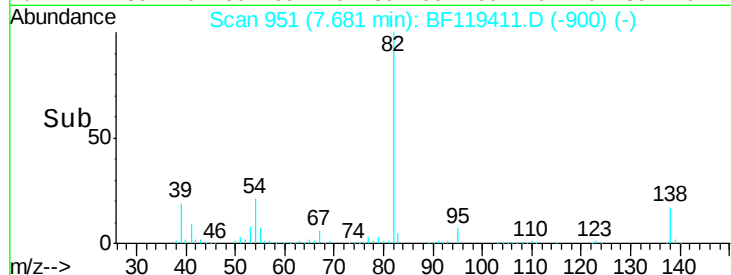
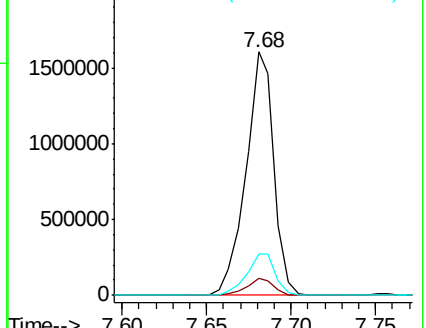
82 100

95 6.9 5.4 8.2

138 17.1 13.8 20.8



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: 40.894 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF119411.D

Acq: 18 Mar 2020 12:40

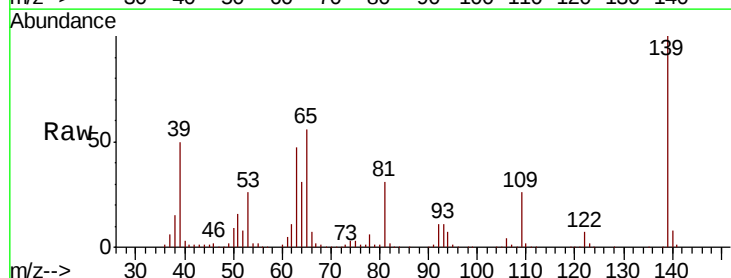
Tgt Ion: 139 Resp: 416943

Ion Ratio Lower Upper

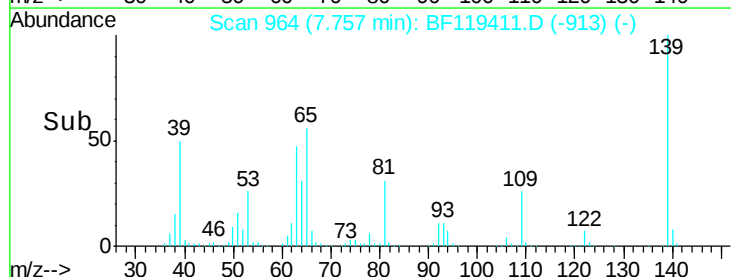
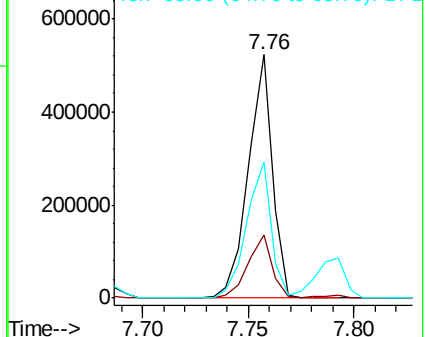
139 100

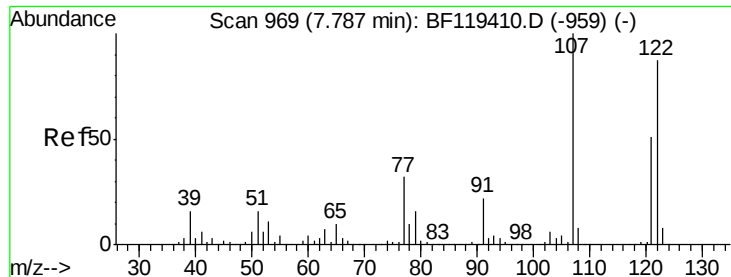
109 25.7 21.7 32.5

65 56.0 43.9 65.9



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: 58.026 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF119411.D

Acq: 18 Mar 2020 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

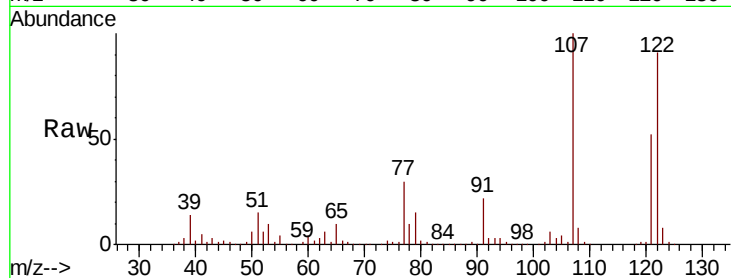
Tot Ion:122 Resp: 802925

Ion Ratio Lower Upper

122 100

107 110.4 91.8 137.6

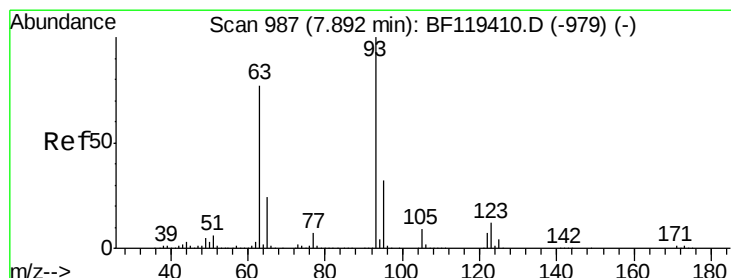
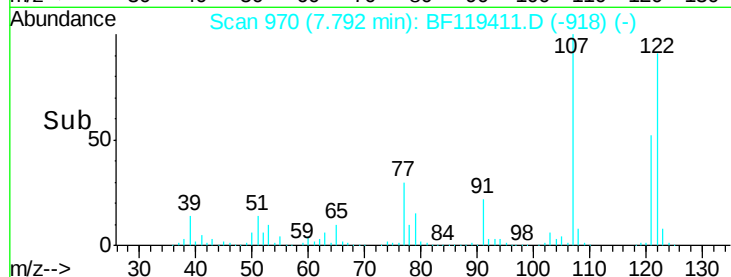
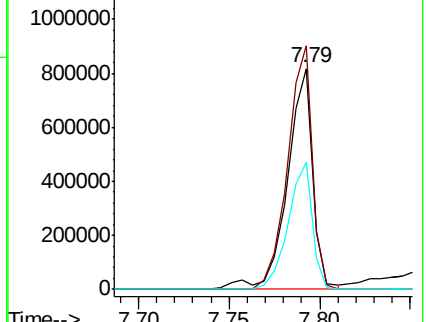
121 57.5 46.5 69.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 49.671 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF119411.D

Acq: 18 Mar 2020 12:40

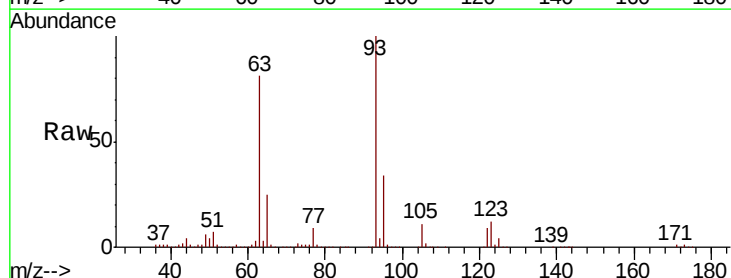
Tgt Ion: 93 Resp: 1092562

Ion Ratio Lower Upper

93 100

95 33.5 26.0 39.0

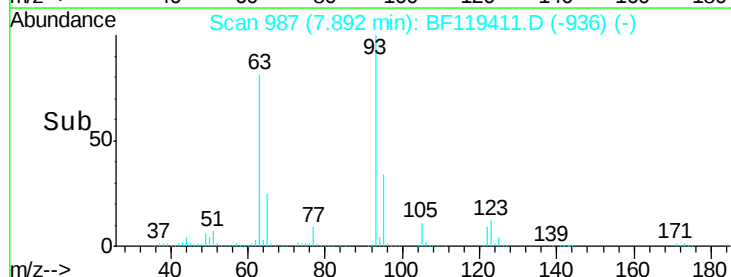
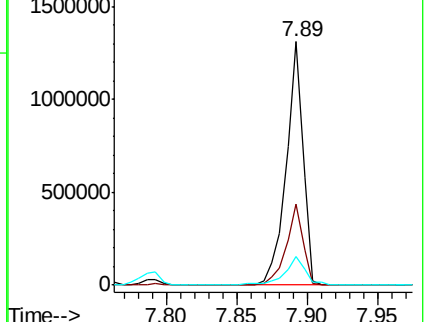
123 11.8 9.7 14.5



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

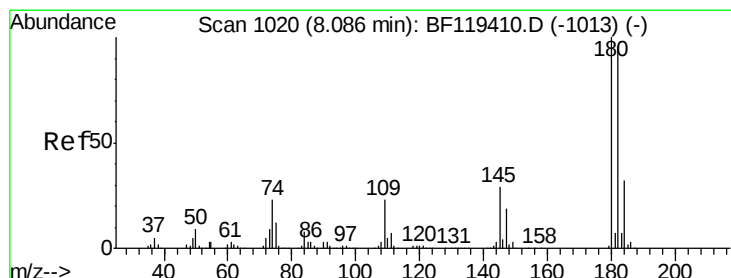
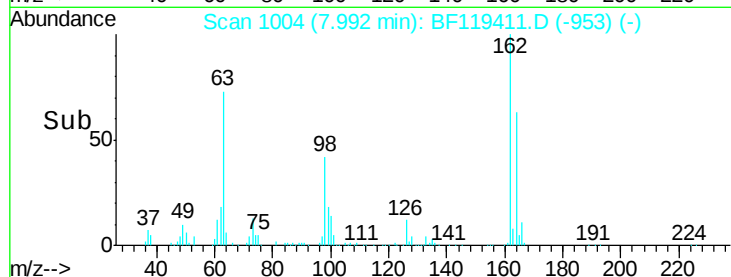
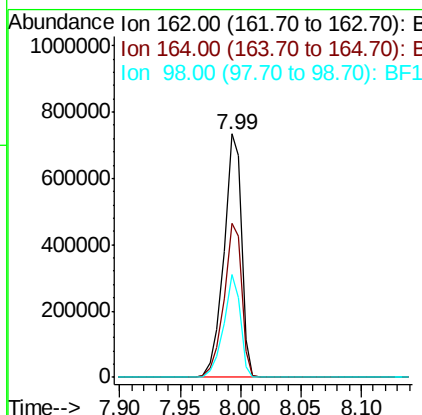
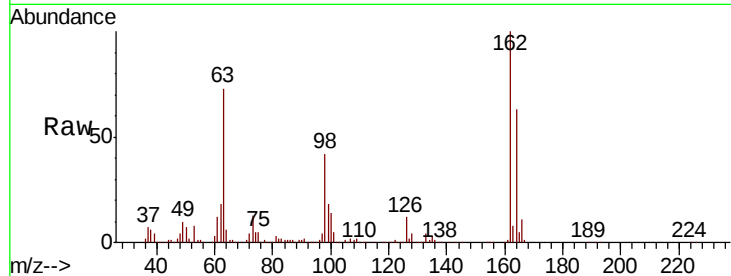




#29
 2,4-Dichlorophenol
 Concen: 45.616 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF119411.D
 Acq: 18 Mar 2020 12:40

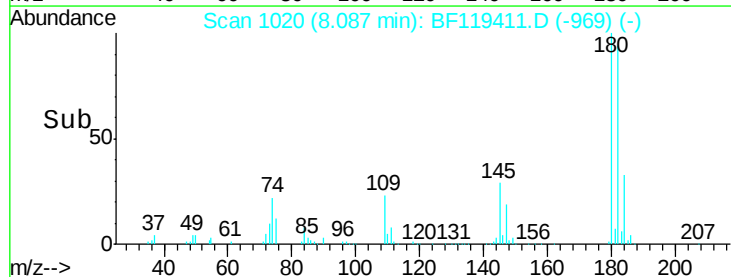
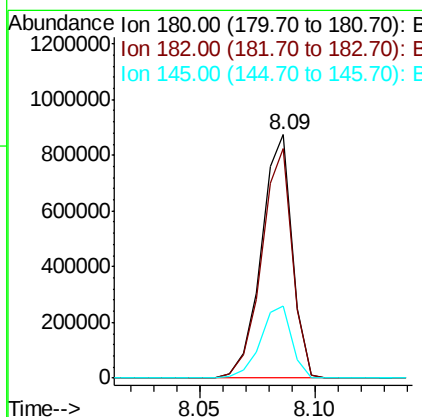
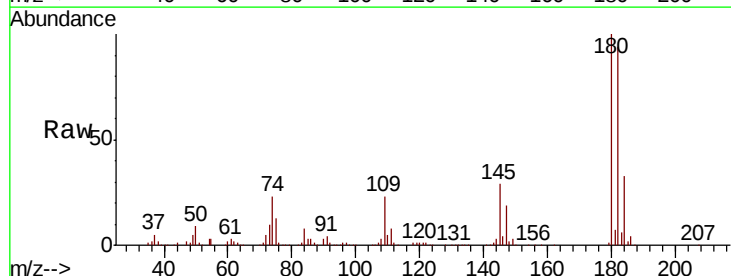
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

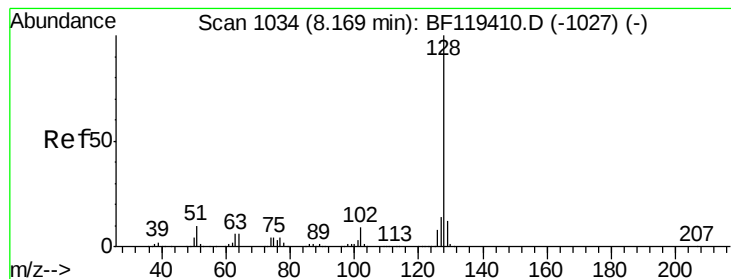
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	43.6	83.6
98	42.5	20.4	60.4



#30
 1,2,4-Trichlorobenzene
 Concen: 42.114 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BF119411.D
 Acq: 18 Mar 2020 12:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.6	115.0
145	29.5	23.2	34.8





#31

Naphthalene

Concen: 47.854 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF119411.D

Acq: 18 Mar 2020 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

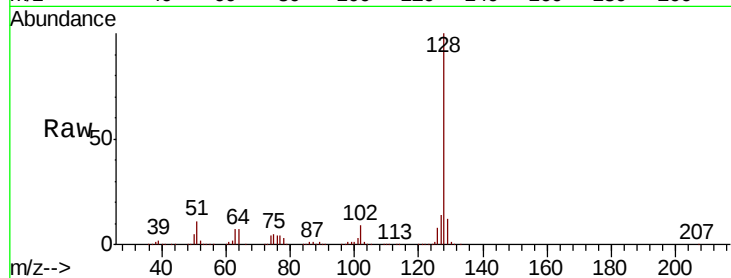
Tot Ion:128 Resp: 2549840

Ion Ratio Lower Upper

128 100

129 11.7 9.3 13.9

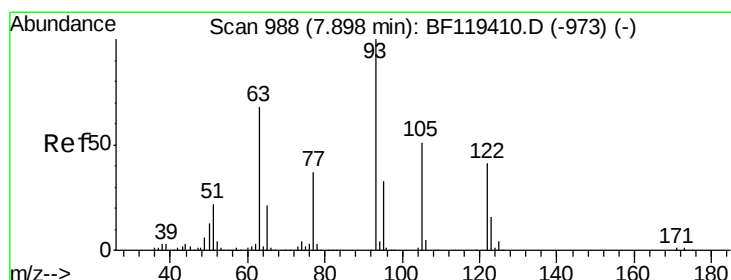
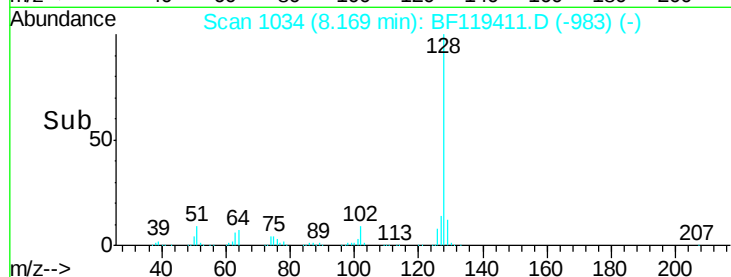
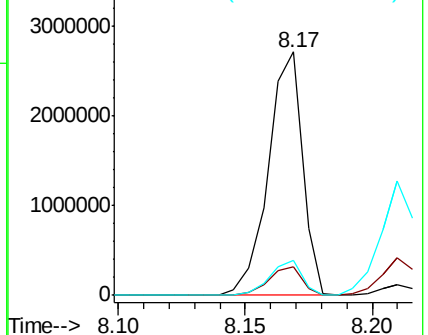
127 14.1 11.0 16.4



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: 60.416 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.01 min

Lab File: BF119411.D

Acq: 18 Mar 2020 12:40

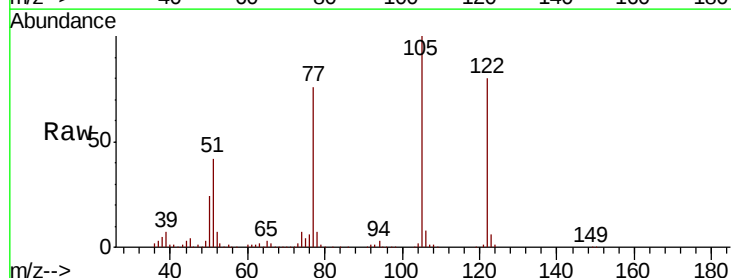
Tgt Ion:122 Resp: 569579

Ion Ratio Lower Upper

122 100

105 125.0 102.9 142.9

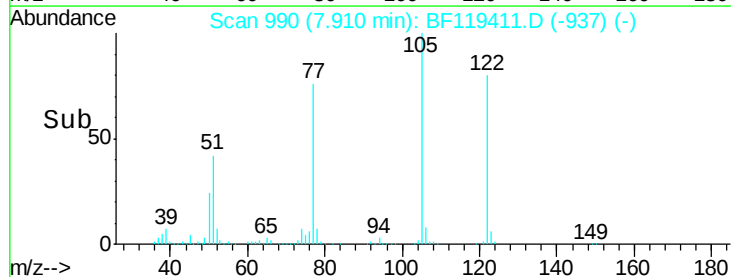
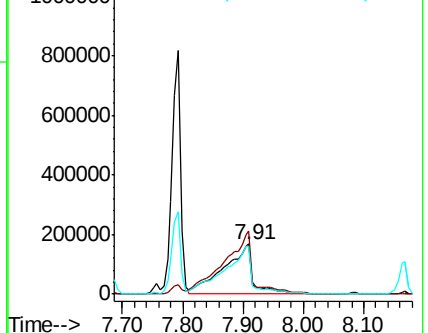
77 95.2 70.1 110.1

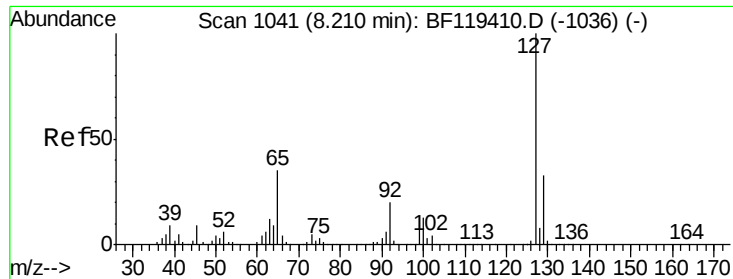


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

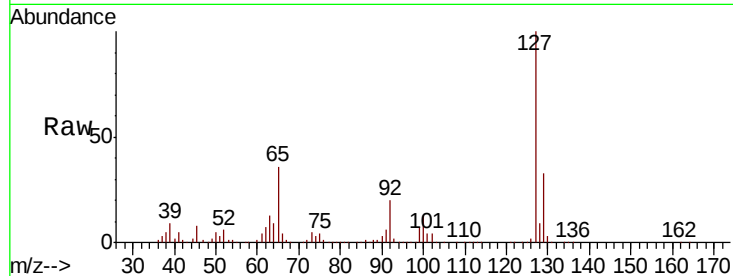




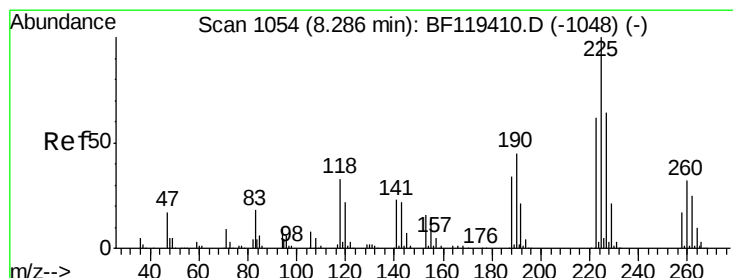
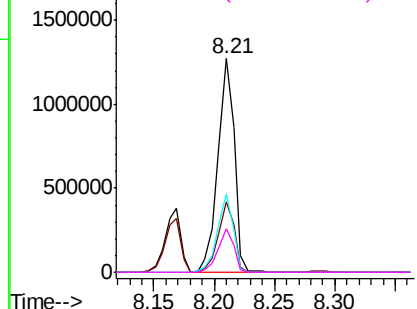
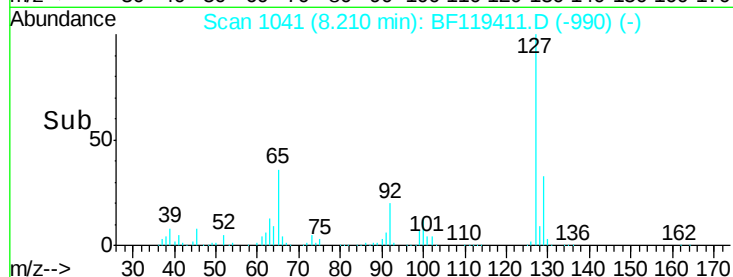
#33
4-Chloroaniline
Concen: 51.521 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF119411.D
Acq: 18 Mar 2020 12:40

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:127 Resp: 1180733
Ion Ratio Lower Upper
127 100
129 33.2 26.2 39.4
65 36.5 27.7 41.5
92 20.2 15.8 23.6

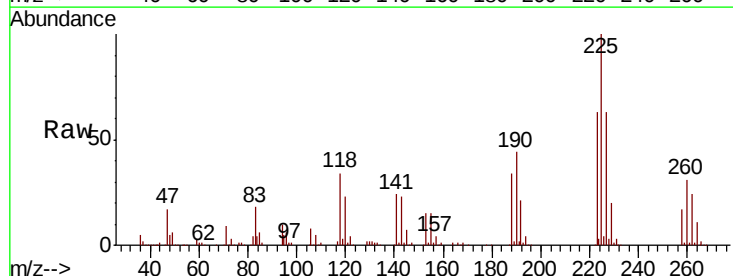


Abundance Ion 127.00 (126.70 to 127.70): E
2000000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

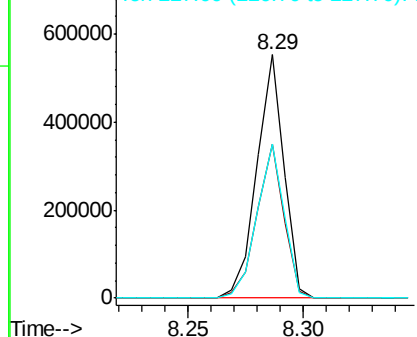
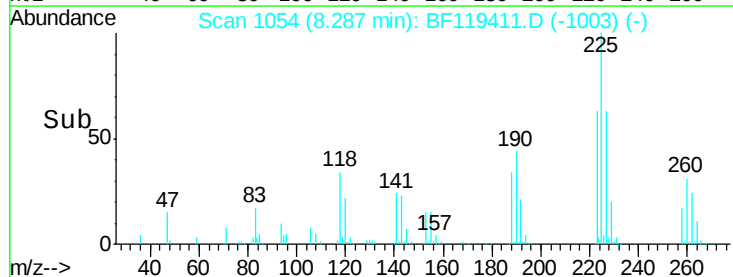


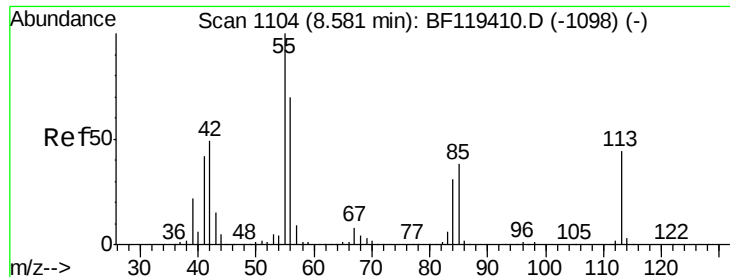
#34
Hexachlorobutadiene
Concen: 37.842 ng
RT: 8.29 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF119411.D
Acq: 18 Mar 2020 12:40

Tgt Ion:225 Resp: 455260
Ion Ratio Lower Upper
225 100
223 63.2 49.2 73.8
227 63.3 51.1 76.7



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

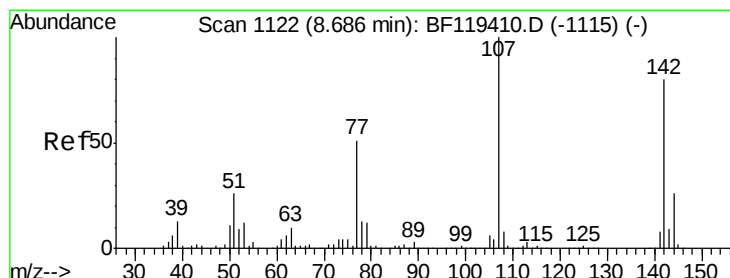
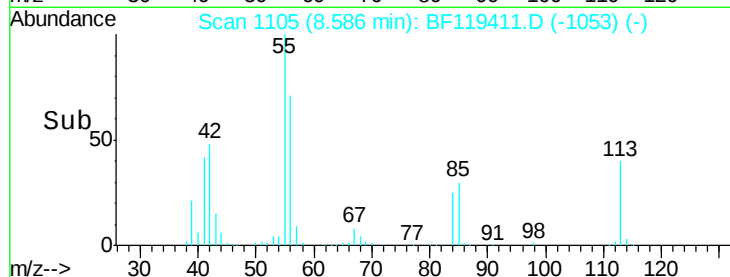
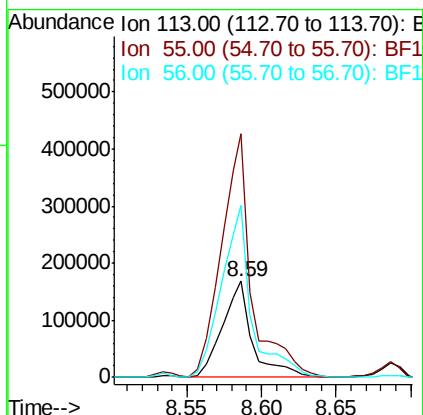
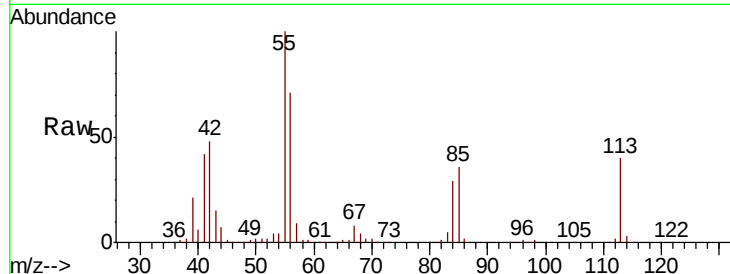




#35
 Caprolactam
 Concen: 47.812 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.01 min
 Lab File: BF119411.D
 Acq: 18 Mar 2020 12:40

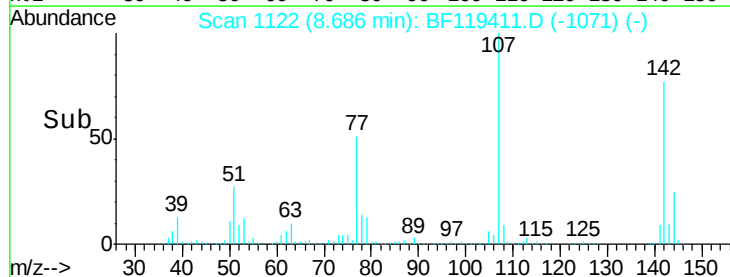
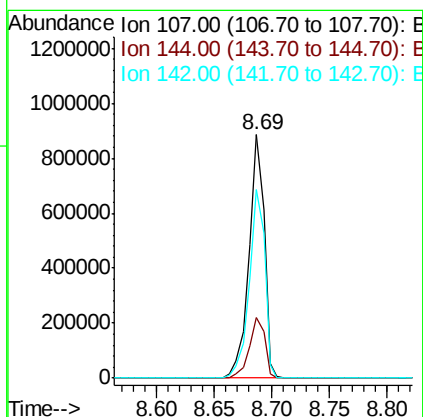
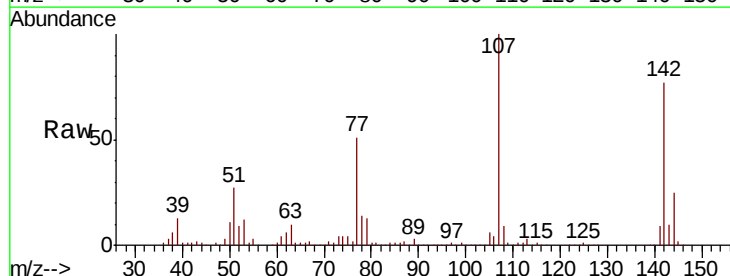
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

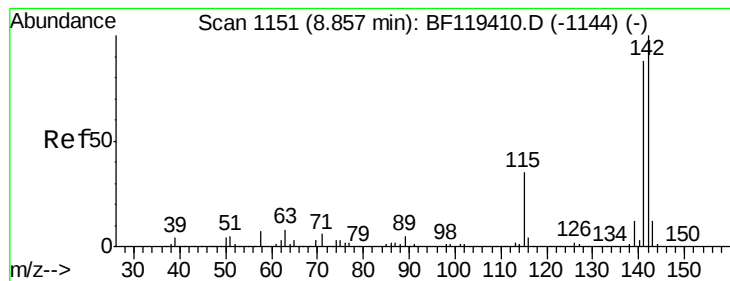
Tot Ion:113 Resp: 239816
 Ion Ratio Lower Upper
 113 100
 55 252.8 208.4 248.4#
 56 178.6 138.9 178.9



#36
 4-Chloro-3-methylphenol
 Concen: 49.227 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BF119411.D
 Acq: 18 Mar 2020 12:40

Tgt Ion:107 Resp: 811549
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.6 31.0
 142 77.4 63.8 95.6





#37

2-Methylnaphthalene

Concen: 47.084 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF119411.D

Acq: 18 Mar 2020 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

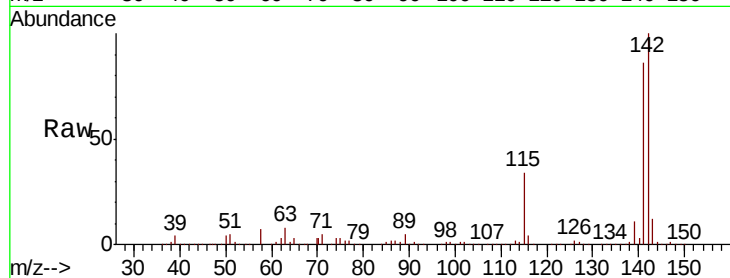
Tot Ion:142 Resp: 1688318

Ion Ratio Lower Upper

142 100

141 85.6 70.4 105.6

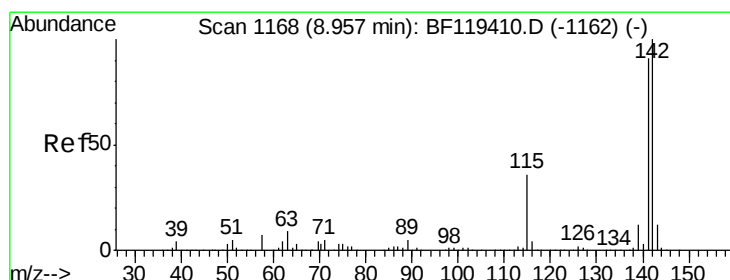
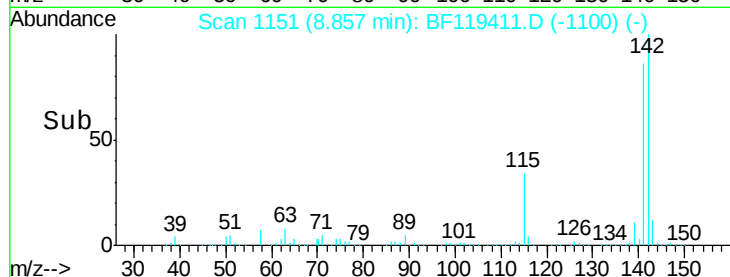
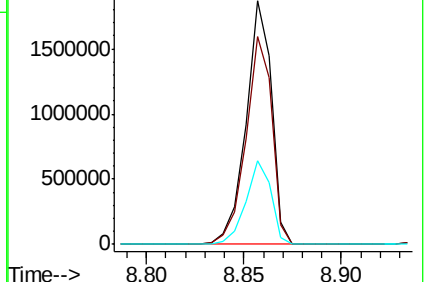
115 34.2 27.8 41.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 46.913 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF119411.D

Acq: 18 Mar 2020 12:40

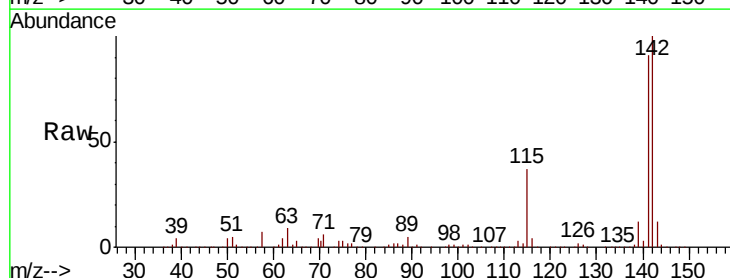
Tgt Ion:142 Resp: 1582041

Ion Ratio Lower Upper

142 100

141 91.4 73.1 109.7

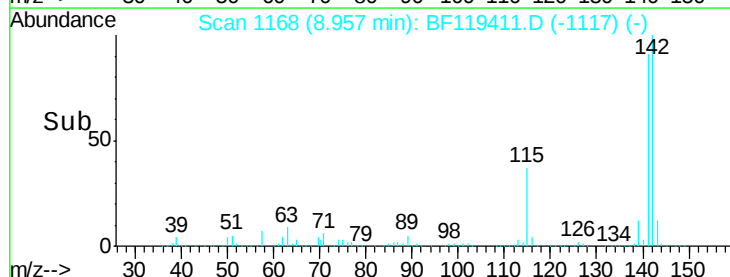
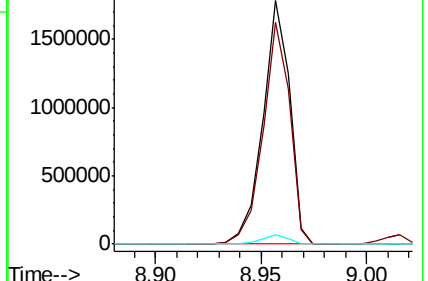
116 4.0 3.0 4.6

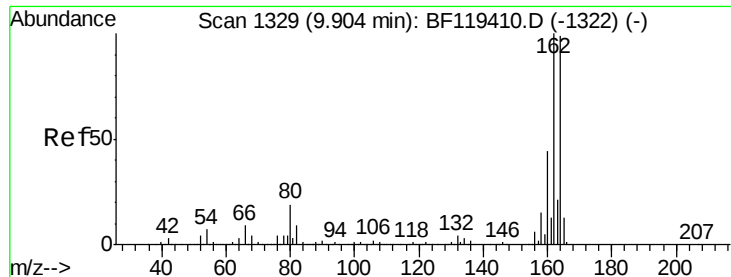


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

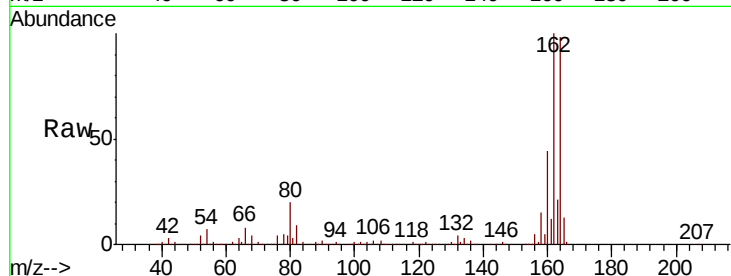




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF119411.D
Acq: 18 Mar 2020 12:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.7	121.1
160	44.9	35.5	53.3

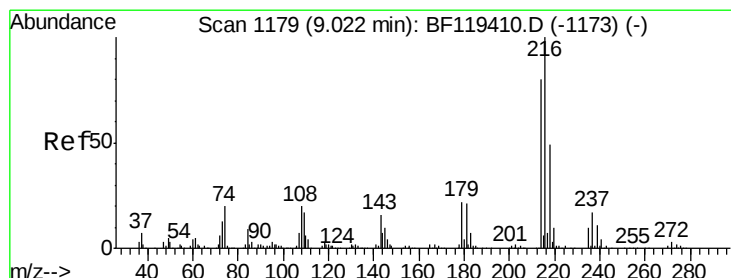
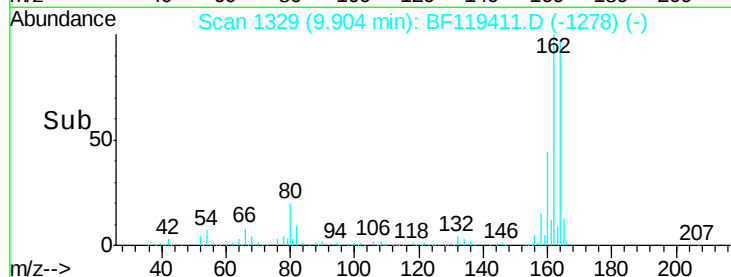
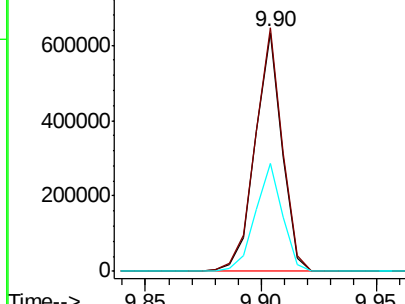


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.009 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF119411.D
Acq: 18 Mar 2020 12:40

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.0	94.6
179	21.3	17.0	25.4
108	19.5	15.4	23.0

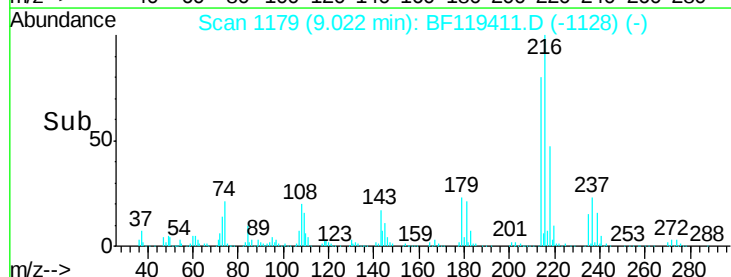
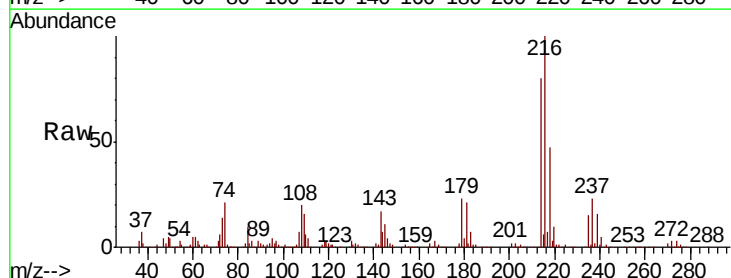
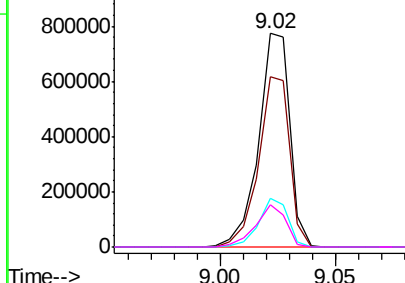
Abundance

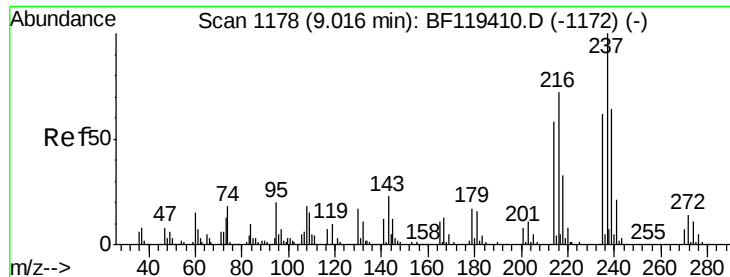
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 81.560 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF119411.D

Acq: 18 Mar 2020 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

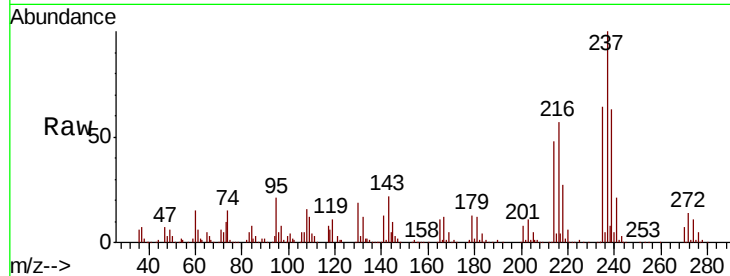
Tot Ion:237 Resp: 415790

Ion Ratio Lower Upper

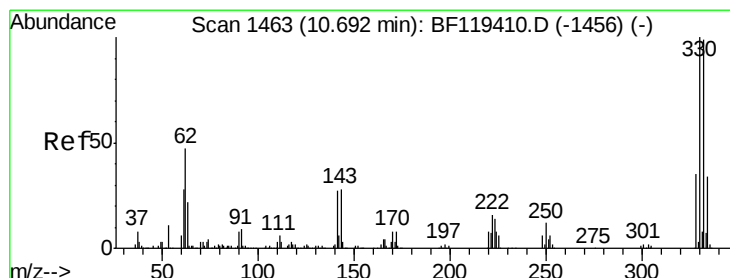
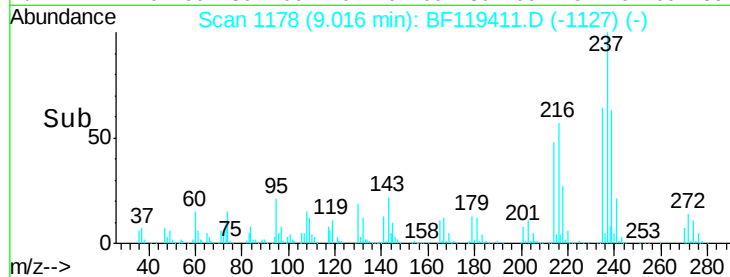
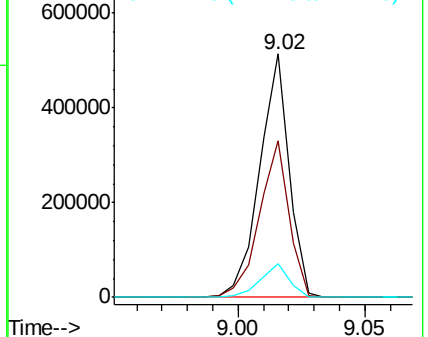
237 100

235 64.2 42.5 82.5

272 13.6 0.0 34.3



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: 78.251 ng

RT: 10.69 min Scan# 1463

Delta R.T. 0.00 min

Lab File: BF119411.D

Acq: 18 Mar 2020 12:40

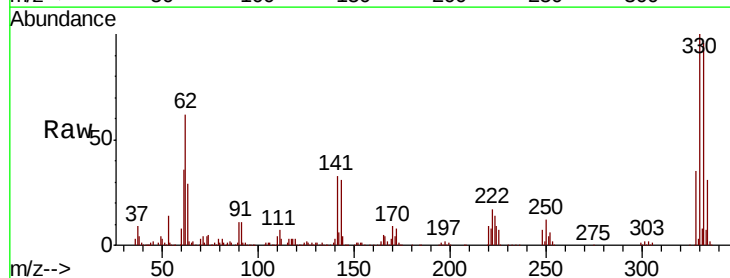
Tgt Ion:330 Resp: 527778

Ion Ratio Lower Upper

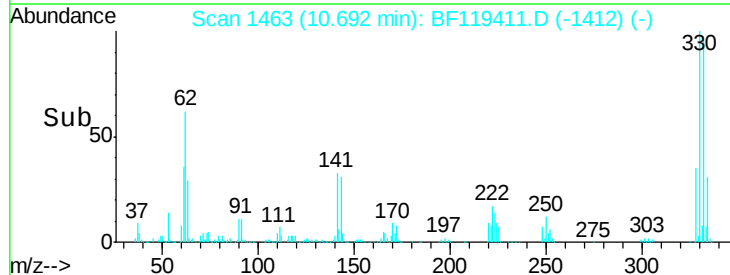
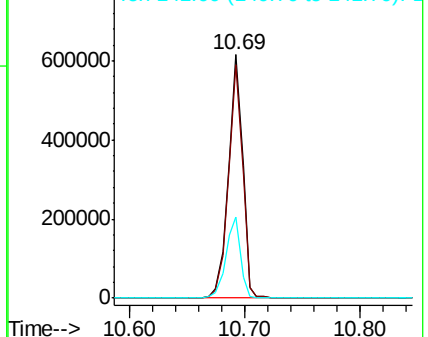
330 100

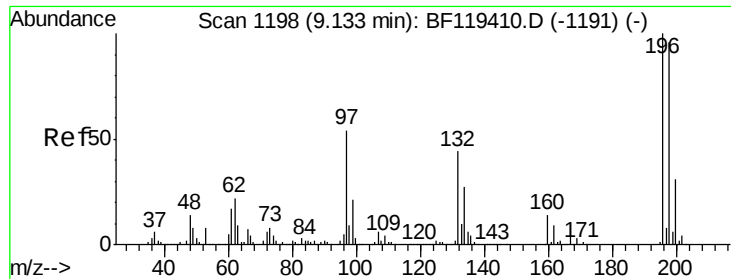
332 95.2 77.6 116.4

141 33.9 26.6 40.0



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

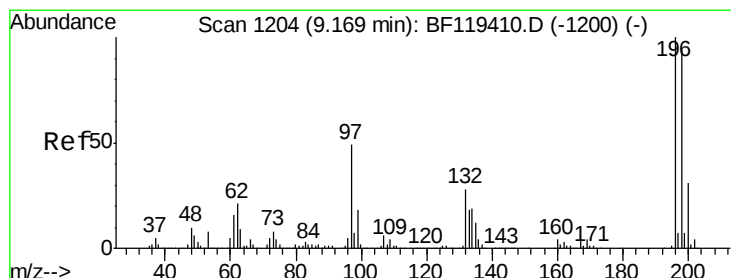
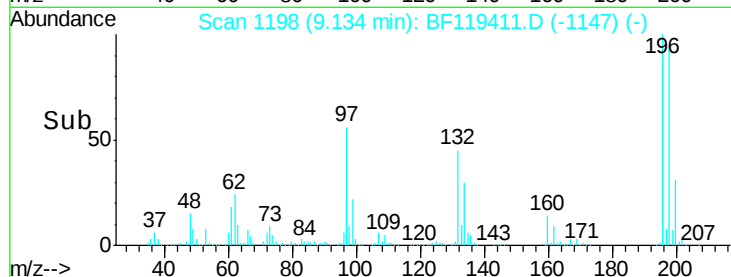
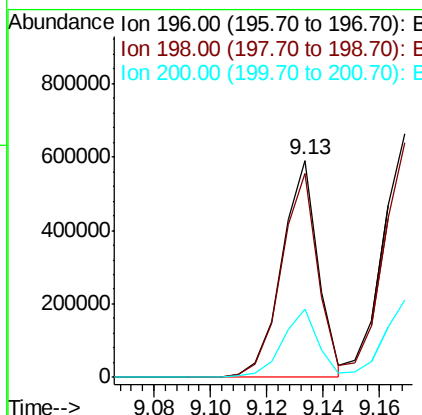
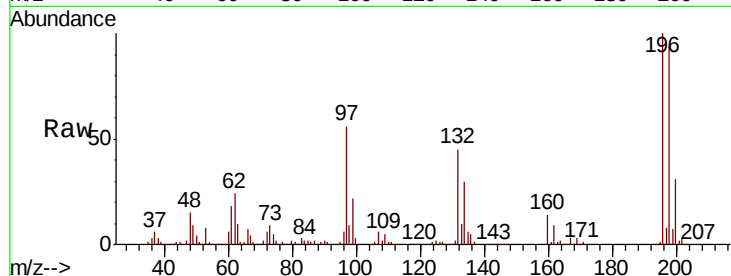




#43
 2,4,6-Trichlorophenol
 Concen: 47.733 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF119411.D
 Acq: 18 Mar 2020 12:40

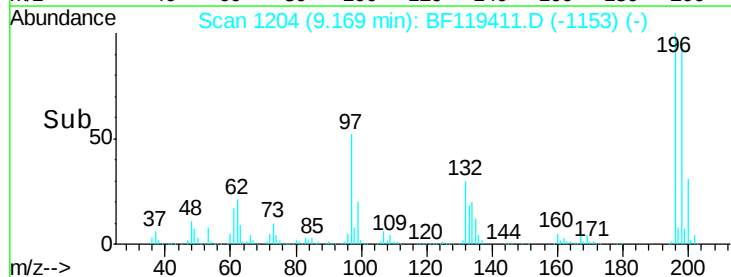
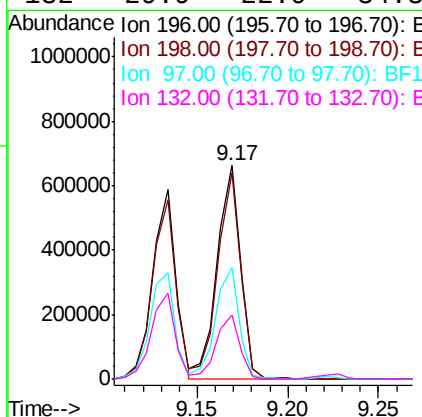
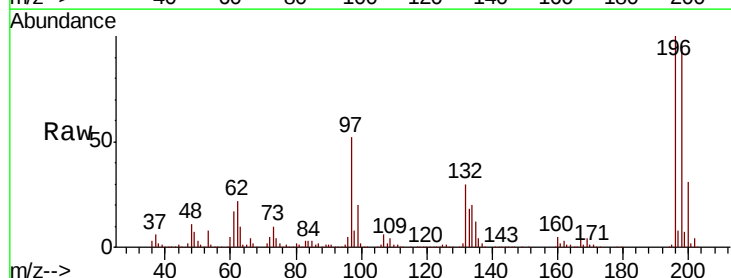
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

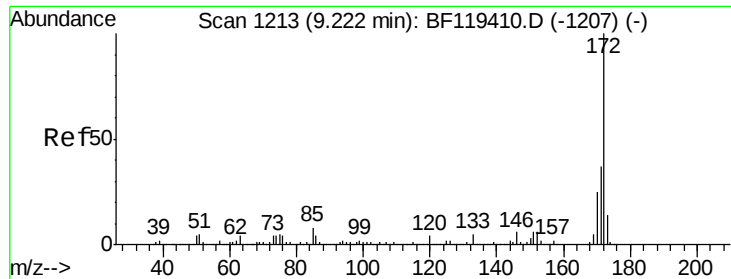
Tot Ion:196 Resp: 523990
 Ion Ratio Lower Upper
 196 100
 198 94.3 77.0 115.4
 200 31.3 25.1 37.7



#44
 2,4,5-Trichlorophenol
 Concen: 51.614 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF119411.D
 Acq: 18 Mar 2020 12:40

Tgt Ion:196 Resp: 594561
 Ion Ratio Lower Upper
 196 100
 198 96.4 75.3 112.9
 97 52.2 39.0 58.4
 132 29.9 22.9 34.3

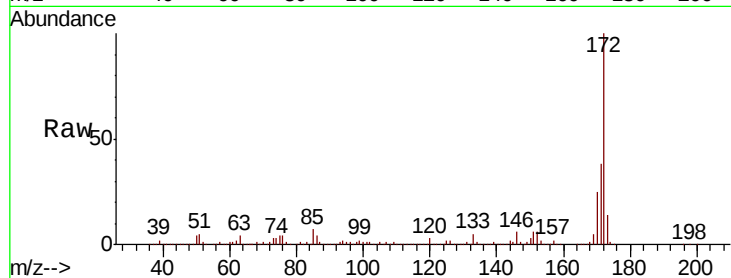




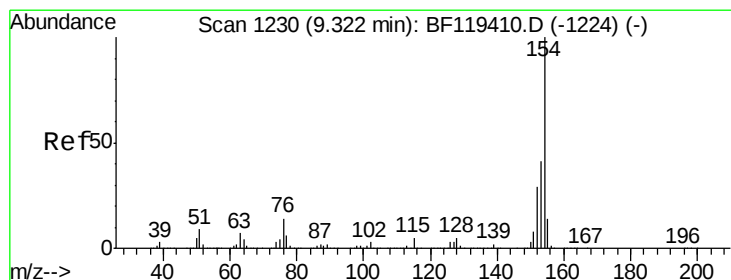
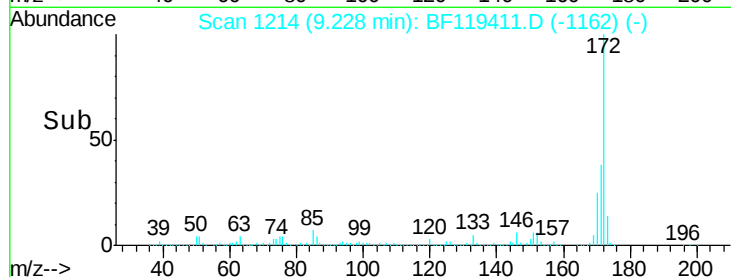
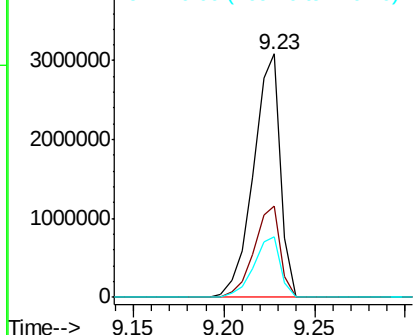
#45
2-Fluorobiphenyl
Concen: 90.809 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.01 min
Lab File: BF119411.D
Acq: 18 Mar 2020 12:40

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:172 Resp: 3178153
Ion Ratio Lower Upper
172 100
171 37.6 29.9 44.9
170 25.0 20.1 30.1

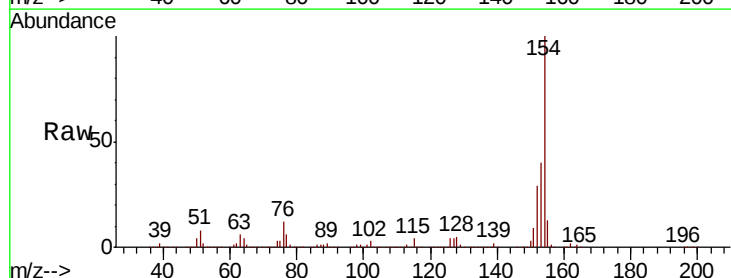


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

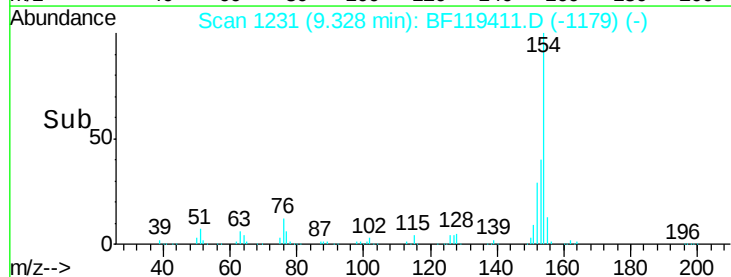
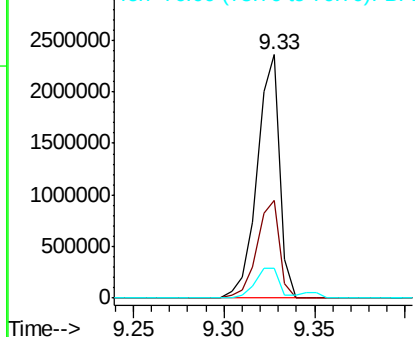


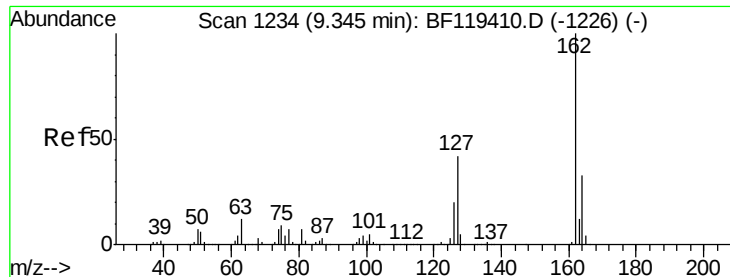
#46
1,1'-Biphenyl
Concen: 48.857 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.01 min
Lab File: BF119411.D
Acq: 18 Mar 2020 12:40

Tgt Ion:154 Resp: 2035858
Ion Ratio Lower Upper
154 100
153 40.1 21.4 61.4
76 12.2 0.0 33.6



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: 47.593 ng

RT: 9.35 min Scan# 1235

Delta R.T. 0.01 min

Lab File: BF119411.D

Acq: 18 Mar 2020 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

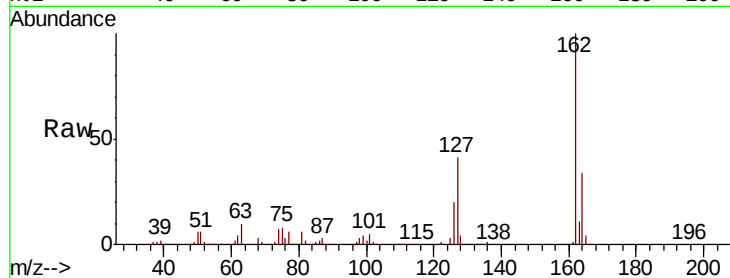
Tot Ion:162 Resp: 1598151

Ion Ratio Lower Upper

162 100

127 40.9 33.7 50.5

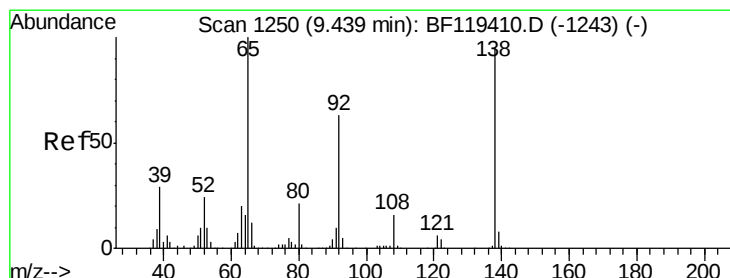
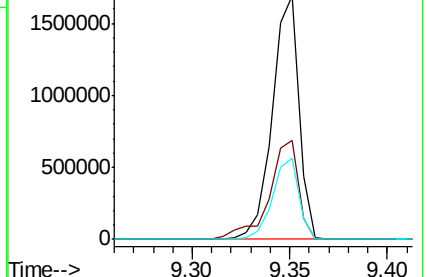
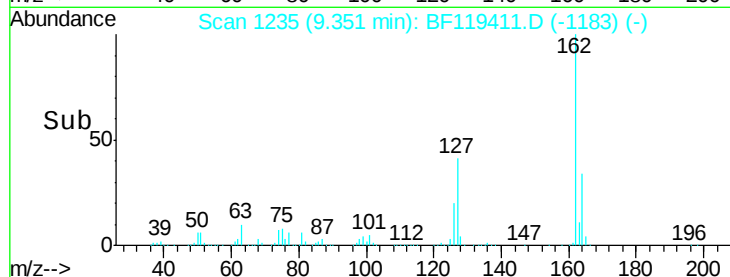
164 33.5 26.2 39.4



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: 63.061 ng

RT: 9.44 min Scan# 1250

Delta R.T. 0.00 min

Lab File: BF119411.D

Acq: 18 Mar 2020 12:40

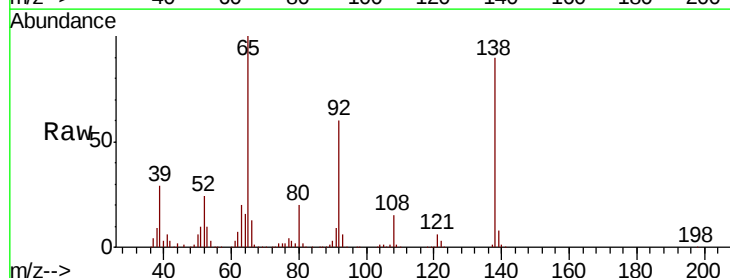
Tgt Ion: 65 Resp: 590622

Ion Ratio Lower Upper

65 100

92 60.2 50.5 75.7

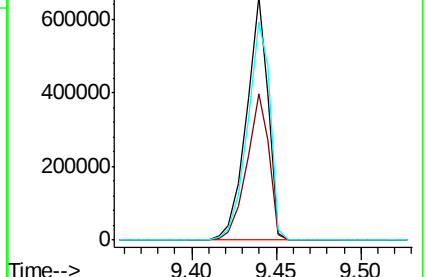
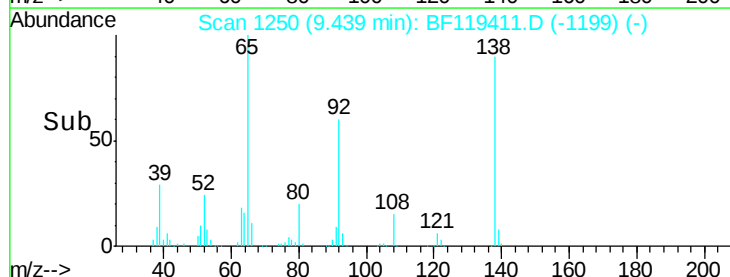
138 89.5 75.8 113.8

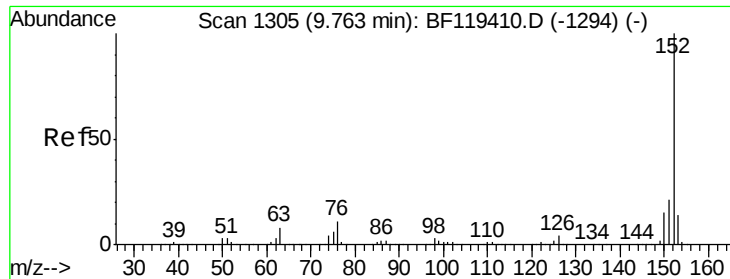


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 51.146 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF119411.D

Acq: 18 Mar 2020 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

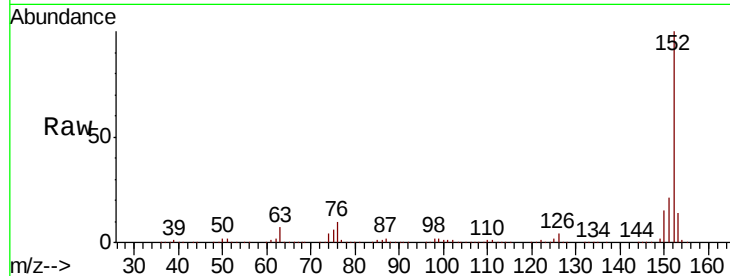
Tot Ion:152 Resp: 2480520

Ion Ratio Lower Upper

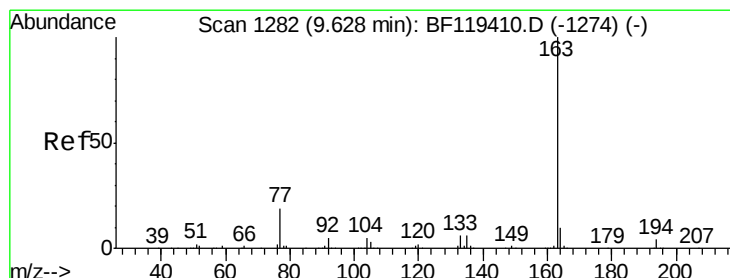
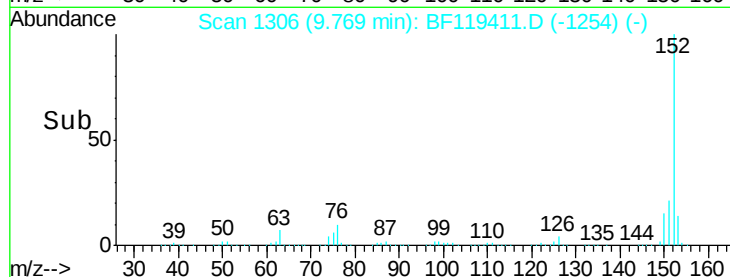
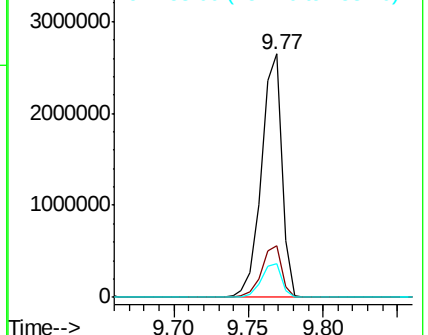
152 100

151 21.1 16.8 25.2

153 13.8 11.2 16.8



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



#50

Dimethylphthalate

Concen: 44.783 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF119411.D

Acq: 18 Mar 2020 12:40

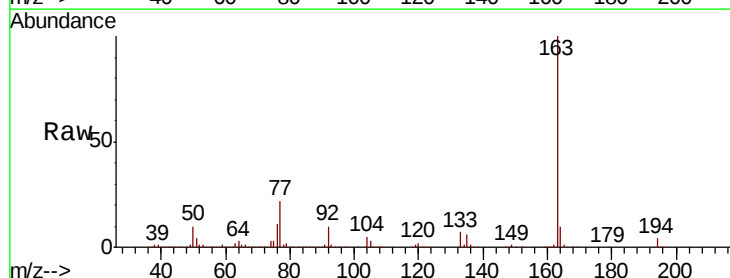
Tgt Ion:163 Resp: 1765609

Ion Ratio Lower Upper

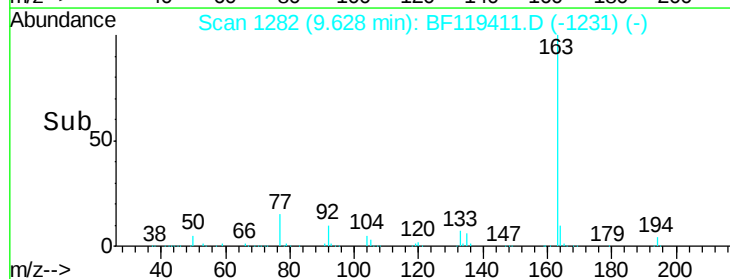
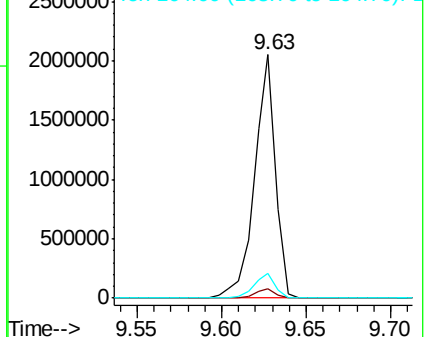
163 100

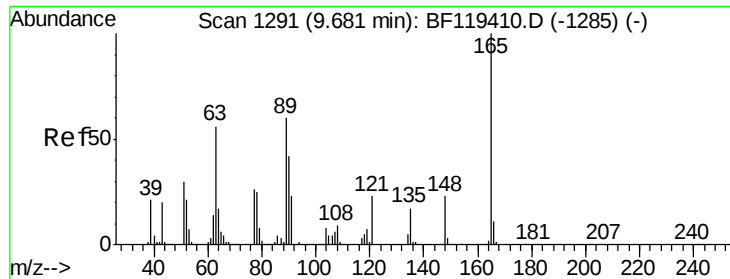
194 3.9 3.2 4.8

164 10.2 8.1 12.1



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

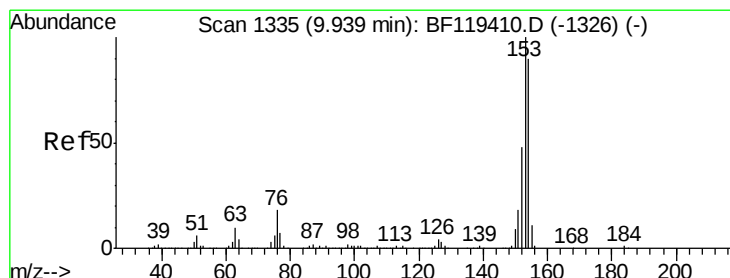
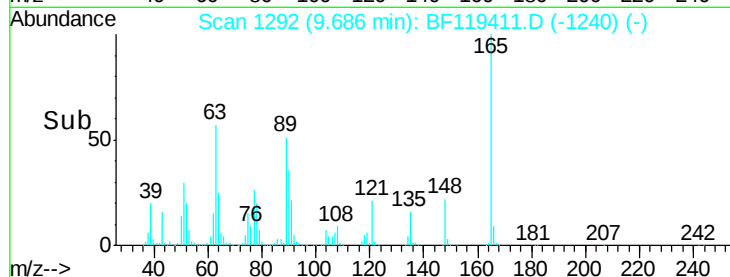
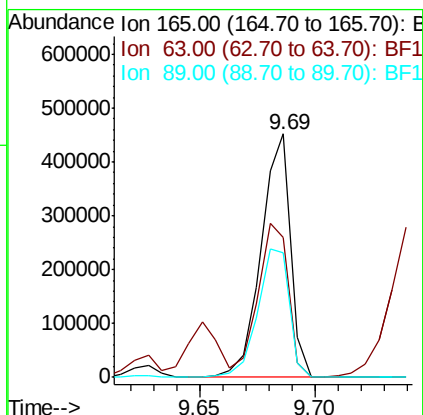
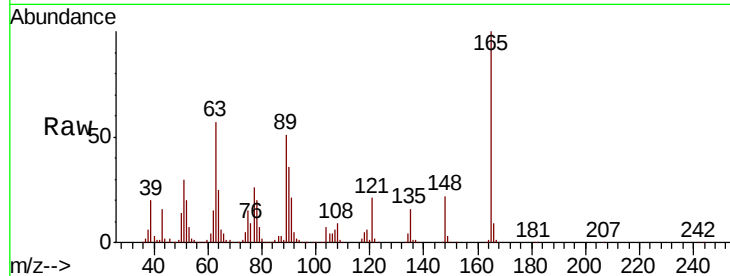




#51
 2,6-Dinitrotoluene
 Concen: 45.746 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: BF119411.D
 Acq: 18 Mar 2020 12:40

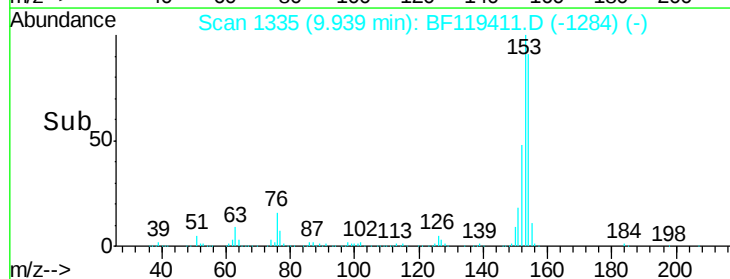
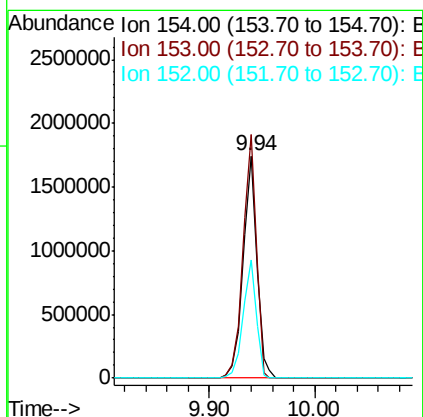
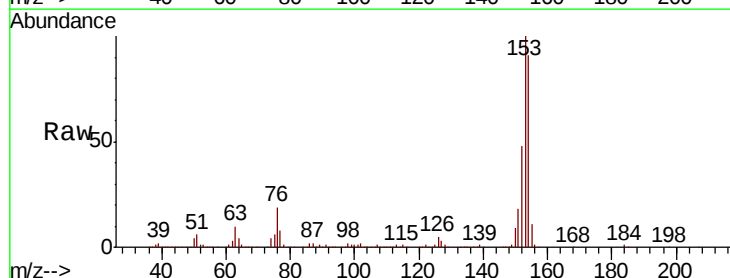
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	165	Resp	400697
Ion Ratio	Lower	Upper	
165	100		
63	57.4	57.3	85.9
89	51.4	47.8	71.8



#52
 Acenaphthene
 Concen: 53.234 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: BF119411.D
 Acq: 18 Mar 2020 12:40

Tgt Ion	154	Resp	1556780
Ion Ratio	Lower	Upper	
154	100		
153	109.5	89.0	133.6
152	53.0	43.1	64.7

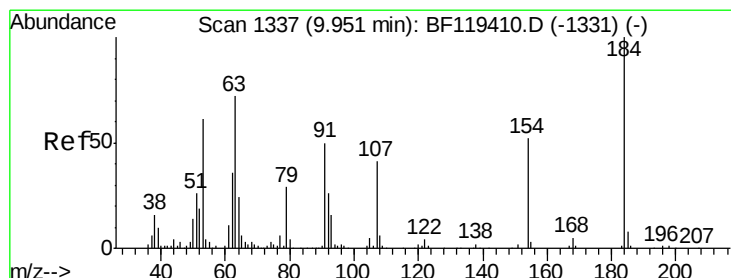
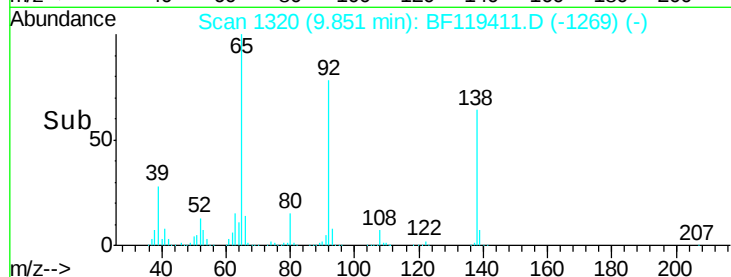
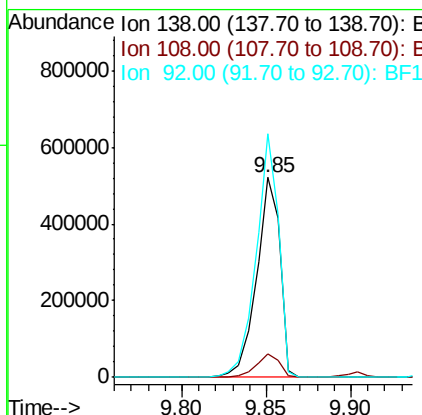
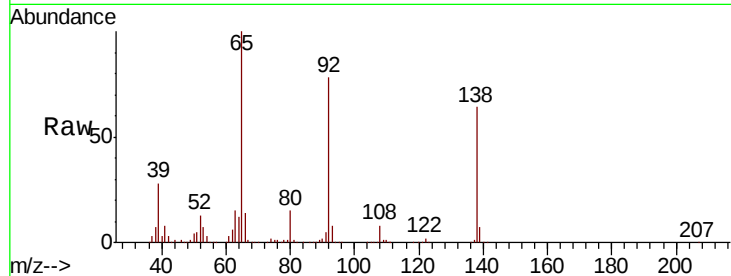




#53
3-Nitroaniline
Concen: 51.738 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF119411.D
Acq: 18 Mar 2020 12:40

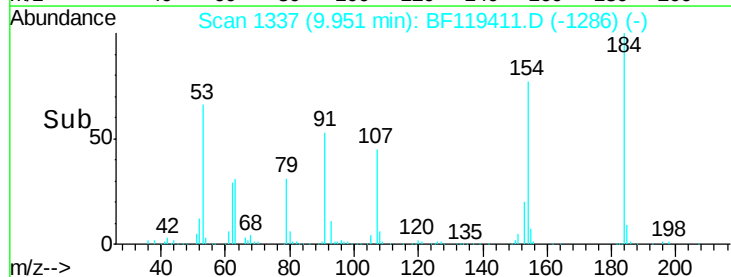
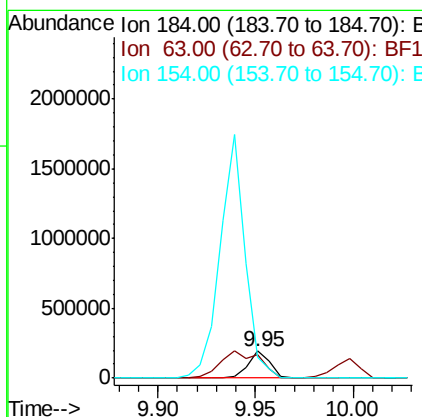
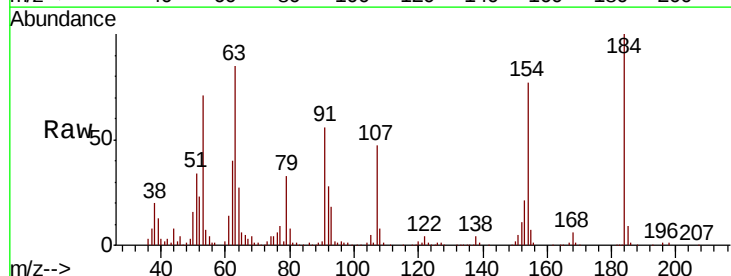
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

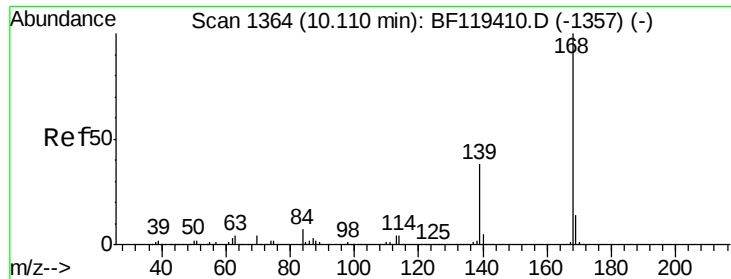
Tot Ion:138 Resp: 502409
Ion Ratio Lower Upper
138 100
108 11.7 9.0 13.6
92 122.0 93.2 139.8



#54
2,4-Dinitrophenol
Concen: 41.947 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF119411.D
Acq: 18 Mar 2020 12:40

Tgt Ion:184 Resp: 151475
Ion Ratio Lower Upper
184 100
63 84.7 58.5 87.7
154 77.5 51.8 77.6

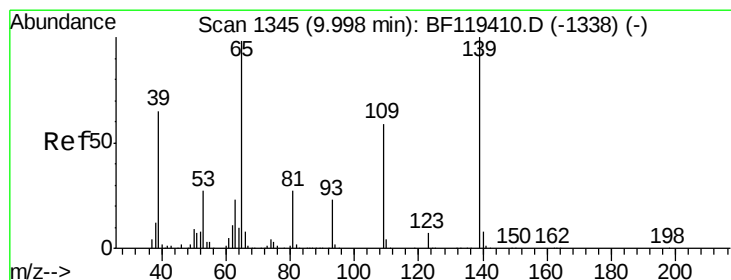
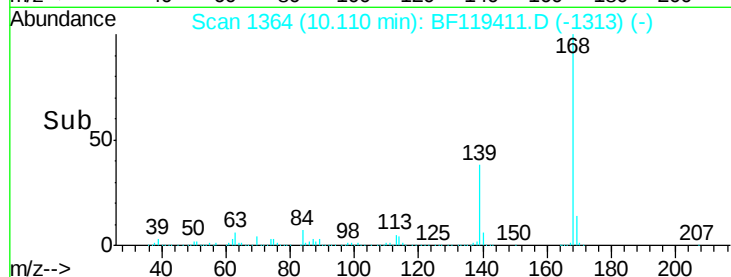
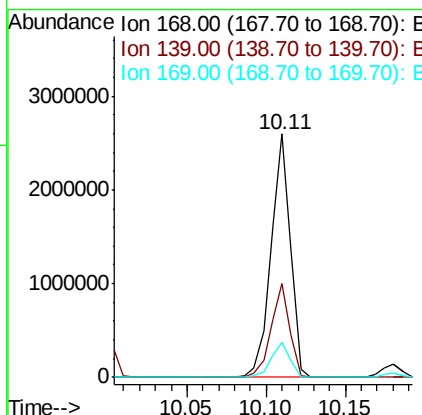
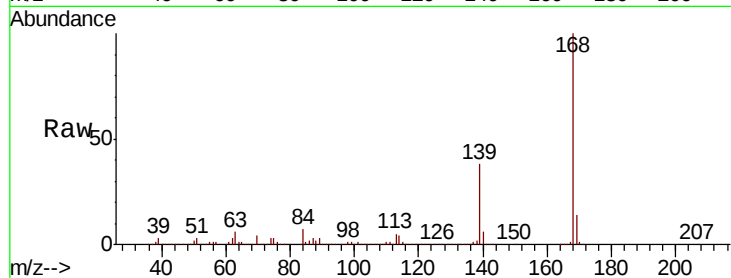




#55
Dibenzofuran
Concen: 50.895 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF119411.D
Acq: 18 Mar 2020 12:40

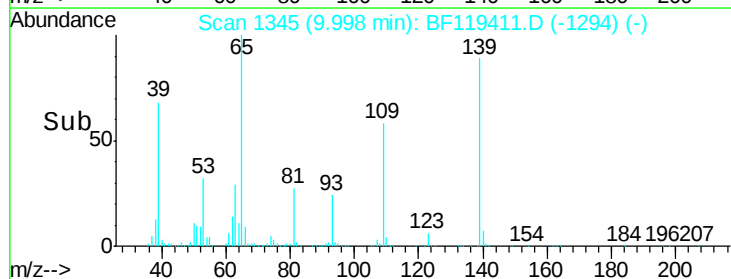
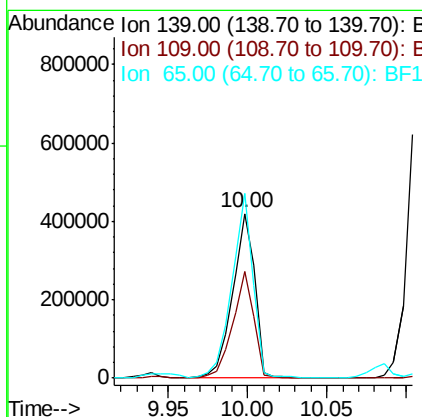
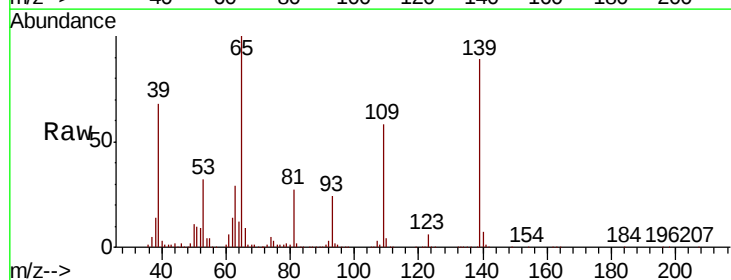
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

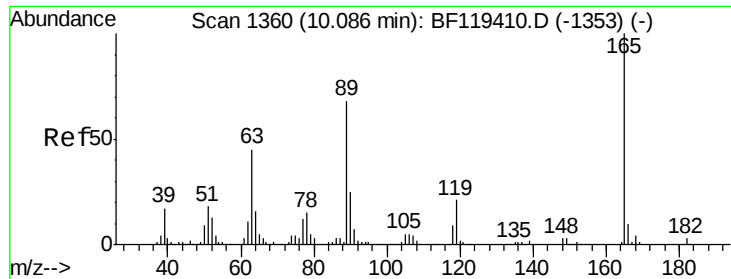
Tot Ion:168 Resp: 2221538
Ion Ratio Lower Upper
168 100
139 38.4 30.2 45.4
169 14.3 11.1 16.7



#56
4-Nitrophenol
Concen: 69.471 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF119411.D
Acq: 18 Mar 2020 12:40

Tgt Ion:139 Resp: 405319
Ion Ratio Lower Upper
139 100
109 65.0 39.6 79.6
65 112.7 78.3 118.3

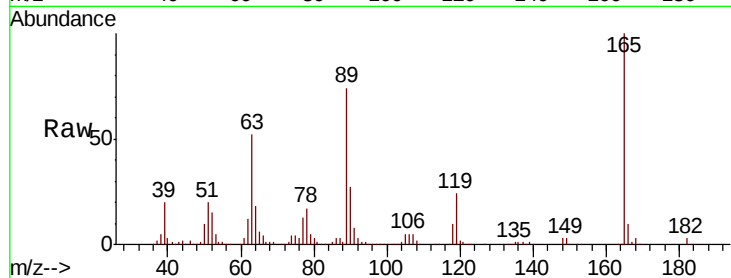




#57
2,4-Dinitrotoluene
Concen: 45.216 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF119411.D
Acq: 18 Mar 2020 12:40

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:165	Resp:	513365
Ion	Ratio	Lower Upper
165	100	
63	51.9	36.2 54.4
89	74.2	54.3 81.5
182	2.6	2.0 3.0

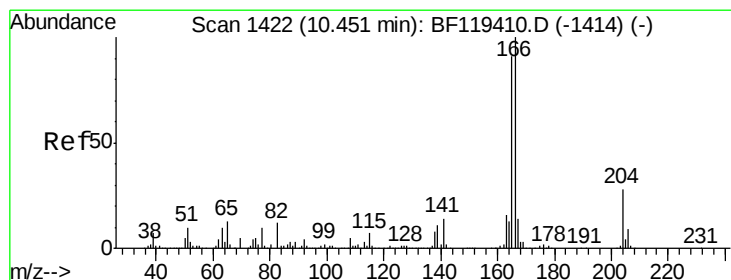
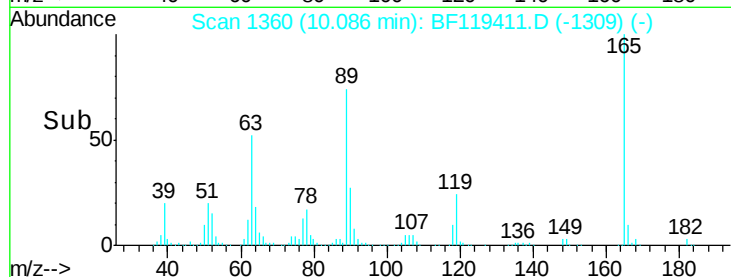
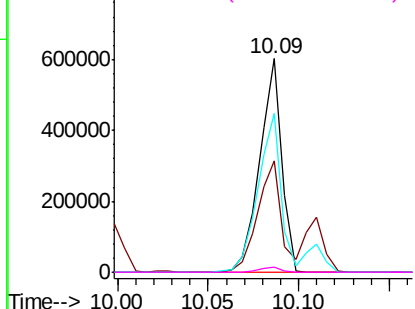


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

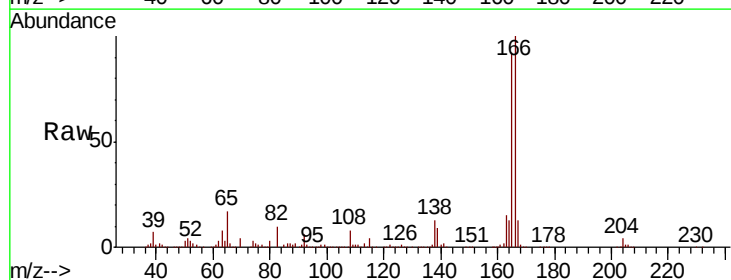
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 48.400 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF119411.D
Acq: 18 Mar 2020 12:40

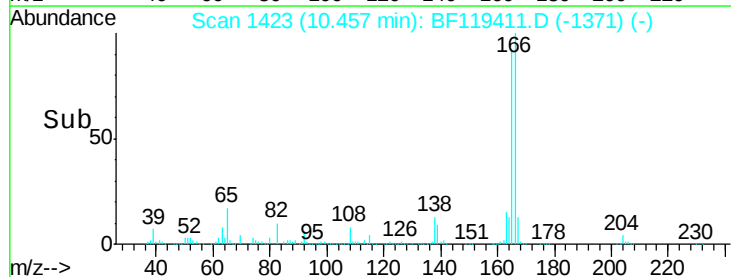
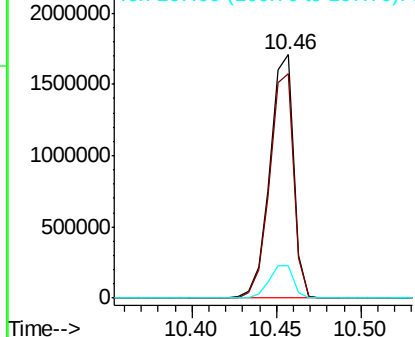
Tgt Ion:166	Resp:	1641638
Ion	Ratio	Lower Upper
166	100	
165	92.0	73.1 109.7
167	13.5	11.0 16.6

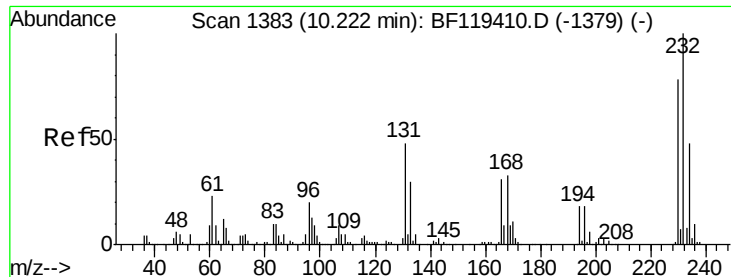


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

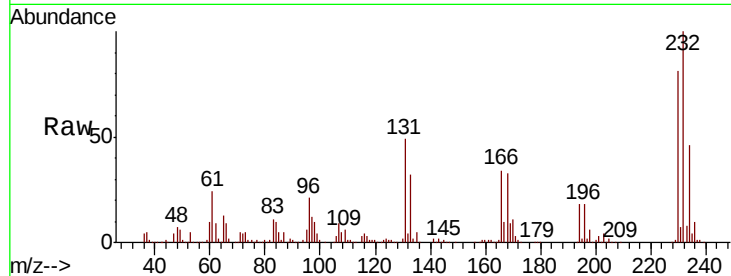




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.035 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: BF119411.D
 Acq: 18 Mar 2020 12:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.0	36.3	54.5
130	2.1	1.8	2.6
166	31.7	24.9	37.3



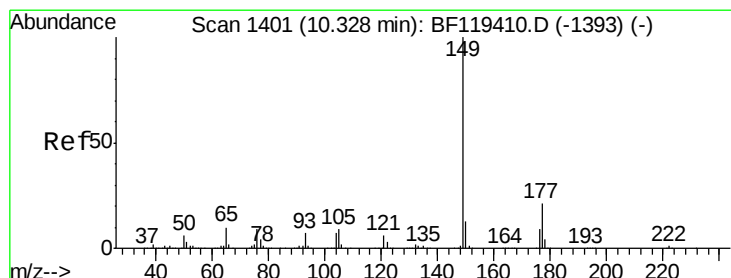
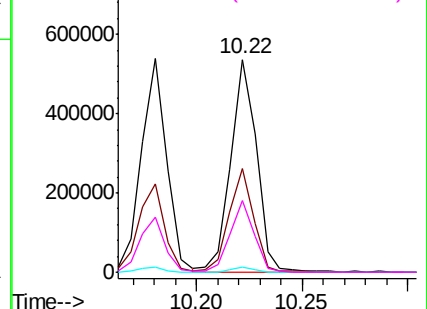
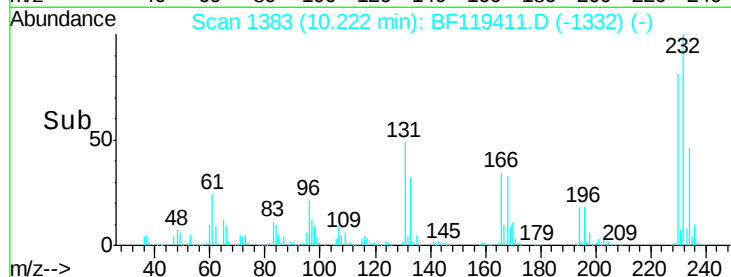
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

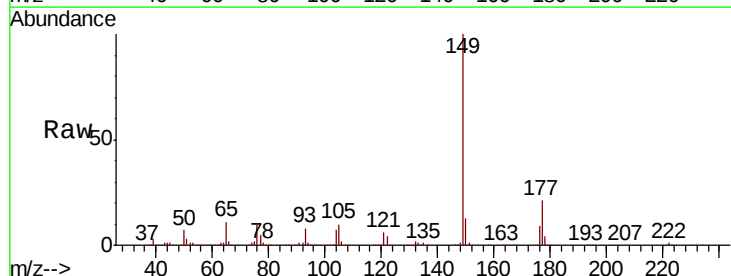
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 48.576 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. 0.00 min
 Lab File: BF119411.D
 Acq: 18 Mar 2020 12:40

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.0	25.6
150	13.1	10.2	15.4

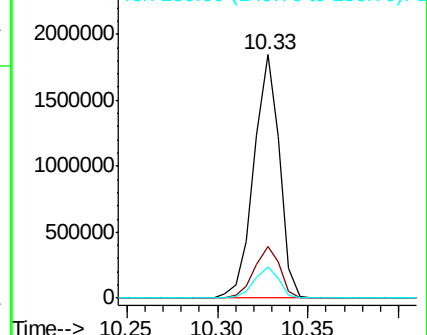
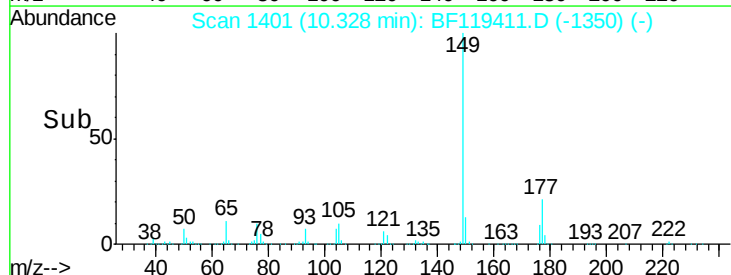


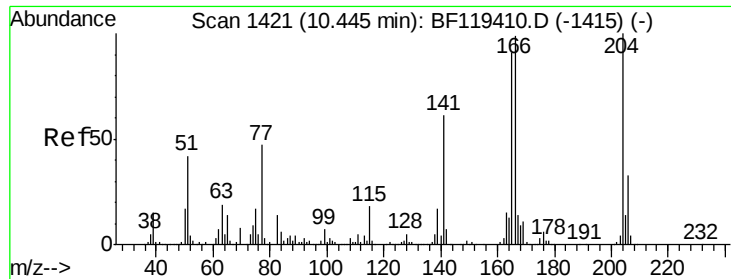
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

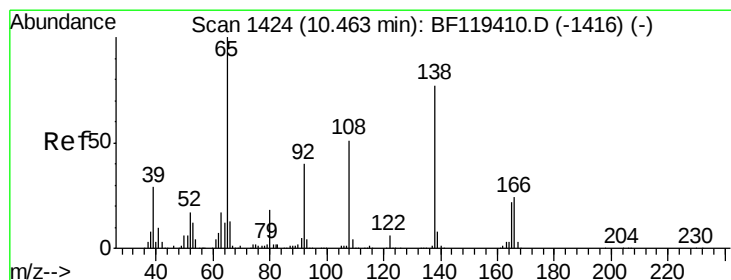
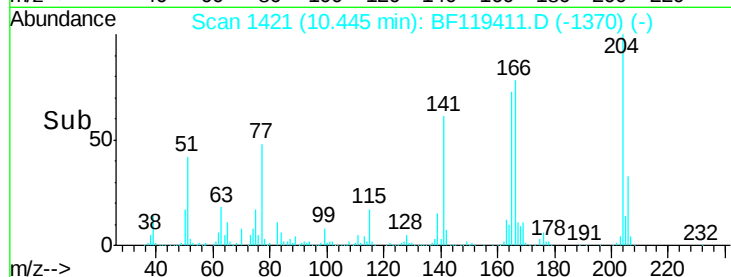
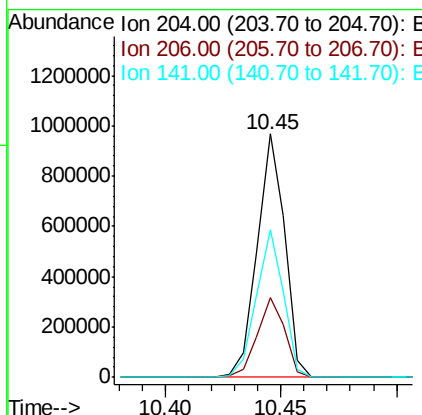
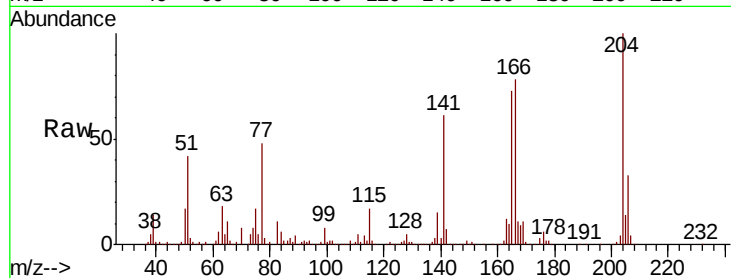




#61
4-Chlorophenyl-phenylether
Concen: 45.035 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF119411.D
Acq: 18 Mar 2020 12:40

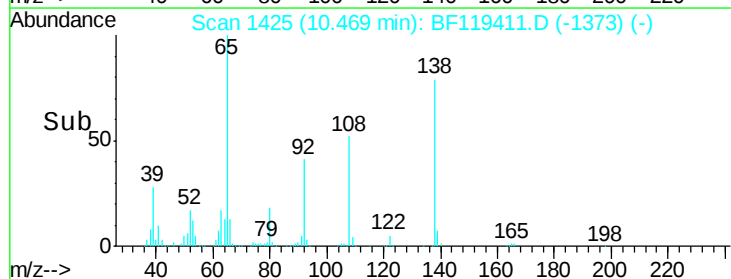
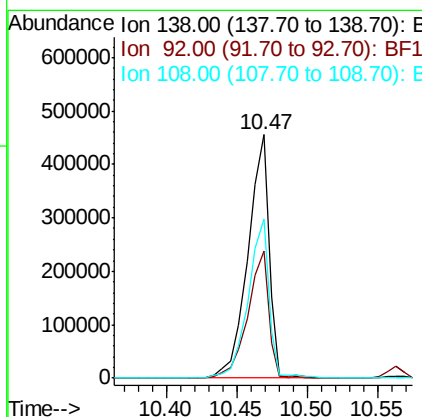
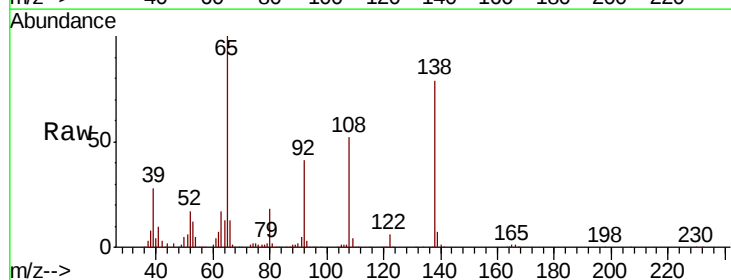
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

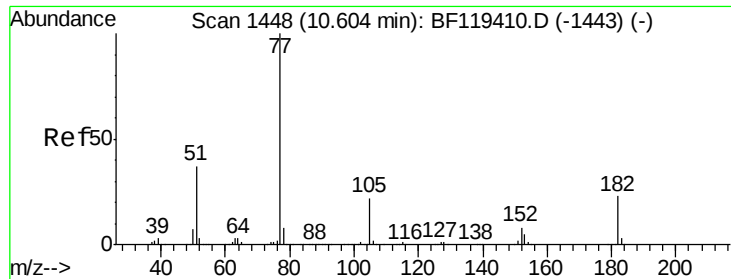
Tot Ion:204 Resp: 808532
Ion Ratio Lower Upper
204 100
206 32.9 26.7 40.1
141 60.6 48.8 73.2



#62
4-Nitroaniline
Concen: 48.216 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF119411.D
Acq: 18 Mar 2020 12:40

Tgt Ion:138 Resp: 479032
Ion Ratio Lower Upper
138 100
92 52.2 32.0 72.0
108 65.4 46.0 86.0





#63

Azobenzene

Concen: 56.323 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BF119411.D

Acq: 18 Mar 2020 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion: 77 Resp: 1818931

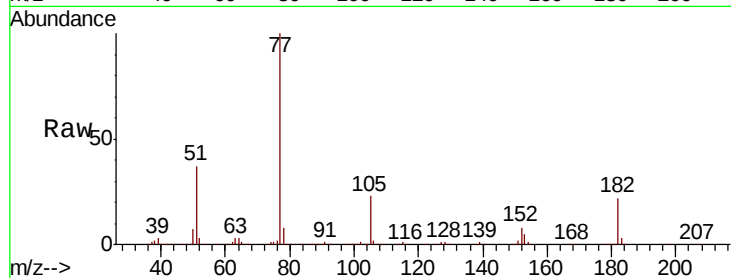
Ion Ratio Lower Upper

77 100

182 22.1 2.5 42.5

105 22.9 2.5 42.5

51 37.2 17.1 57.1

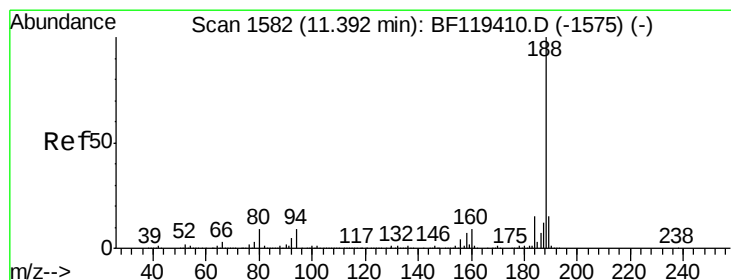
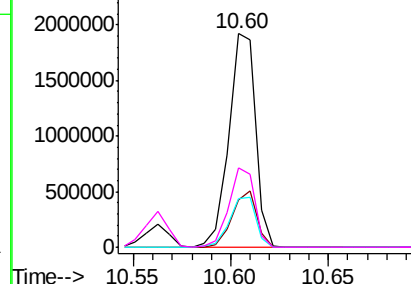
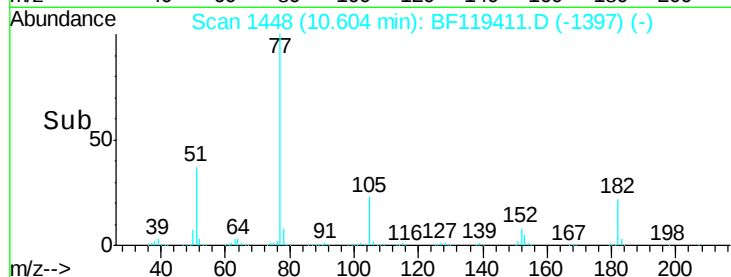


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF119411.D

Acq: 18 Mar 2020 12:40

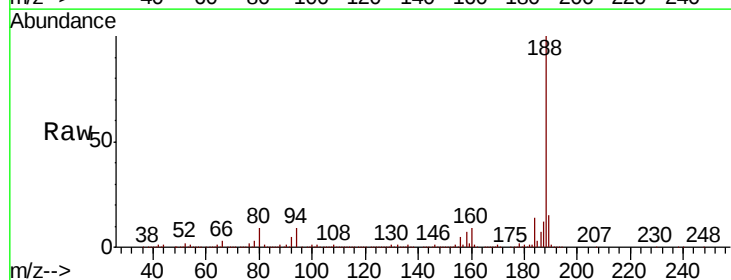
Tgt Ion: 188 Resp: 991170

Ion Ratio Lower Upper

188 100

94 9.2 7.1 10.7

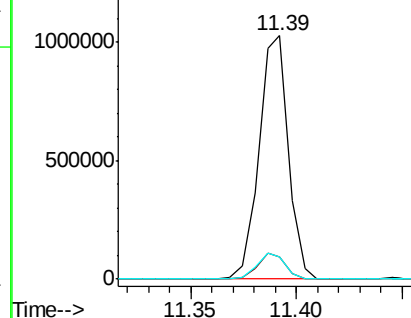
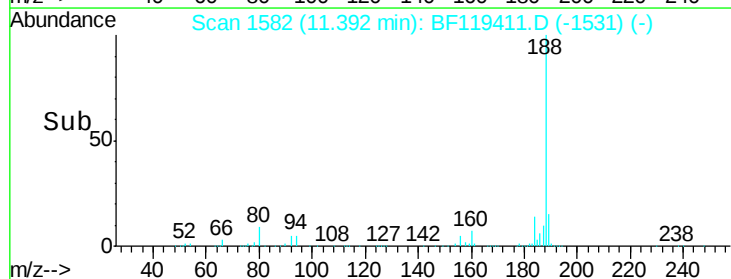
80 9.1 7.5 11.3



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

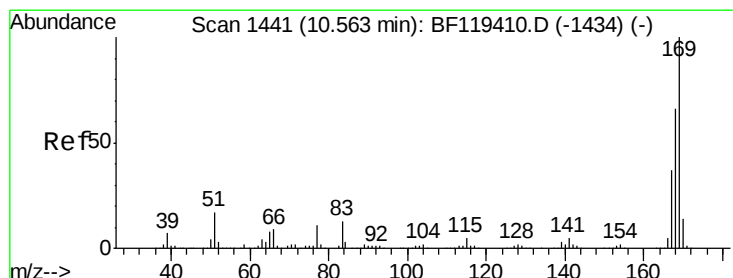
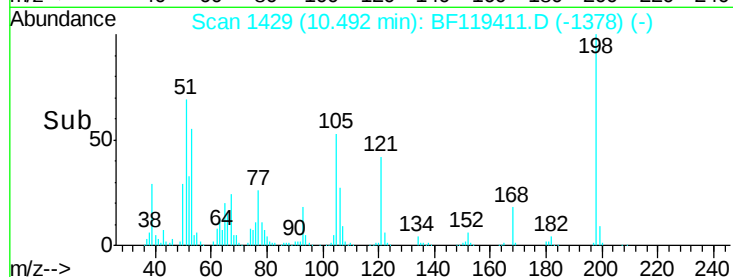
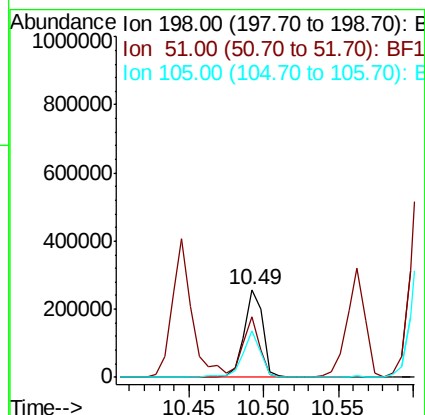
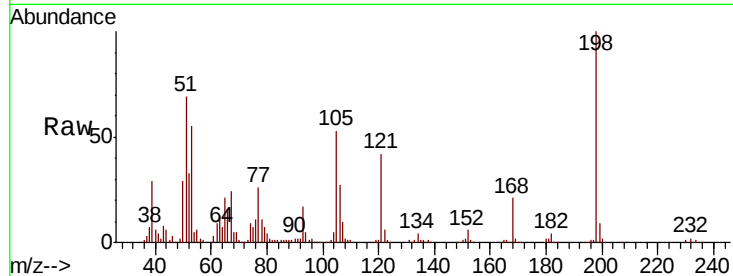




#65
 4,6-Dinitro-2-methylphenol
 Concen: 36.953 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF119411.D
 Acq: 18 Mar 2020 12:40

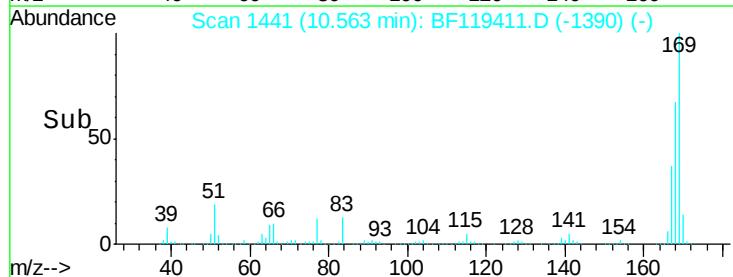
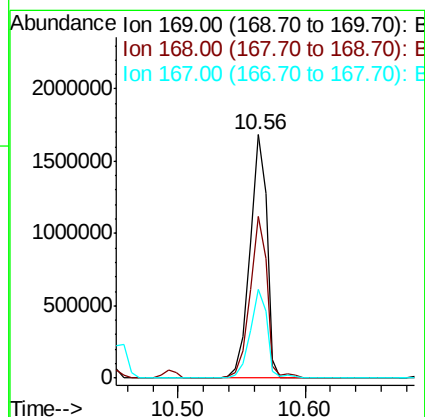
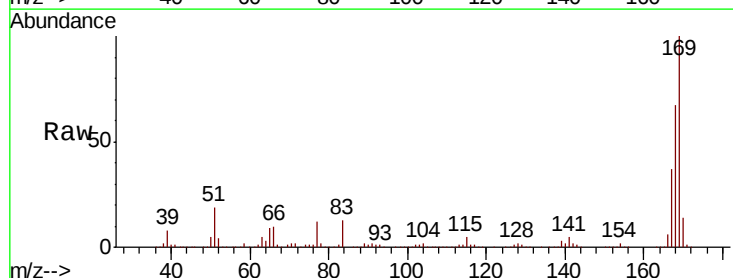
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

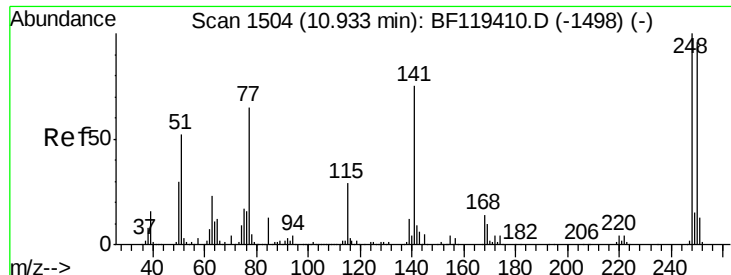
Tot Ion:198 Resp: 221635
 Ion Ratio Lower Upper
 198 100
 51 69.4 33.1 73.1
 105 52.6 24.1 64.1



#66
 n-Nitrosodiphenylamine
 Concen: 47.938 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: BF119411.D
 Acq: 18 Mar 2020 12:40

Tgt Ion:169 Resp: 1555810
 Ion Ratio Lower Upper
 169 100
 168 66.6 52.7 79.1
 167 36.6 29.3 43.9

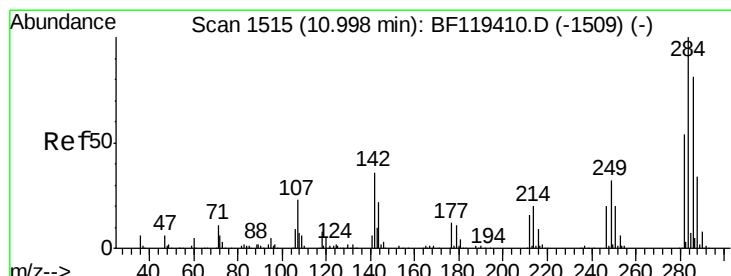
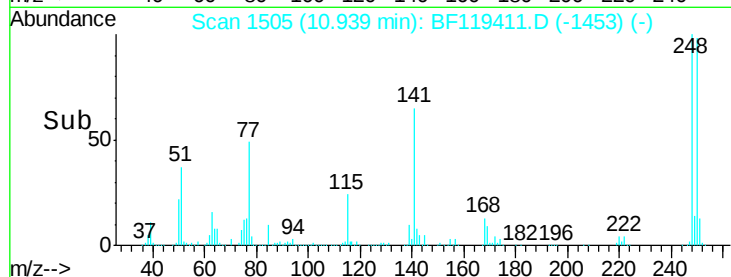
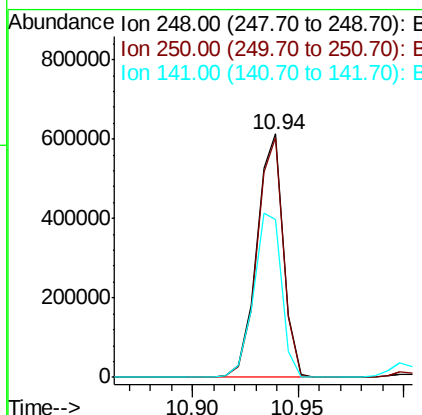
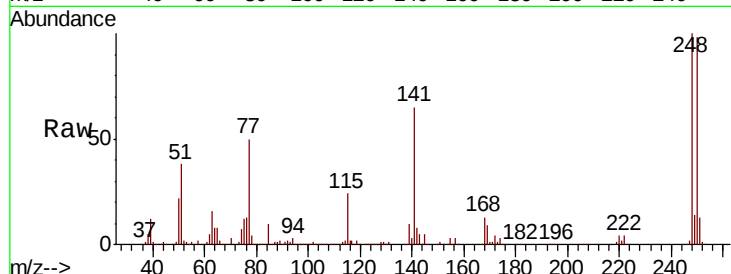




#67
4-Bromophenyl-phenylether
Concen: 41.385 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.01 min
Lab File: BF119411.D
Acq: 18 Mar 2020 12:40

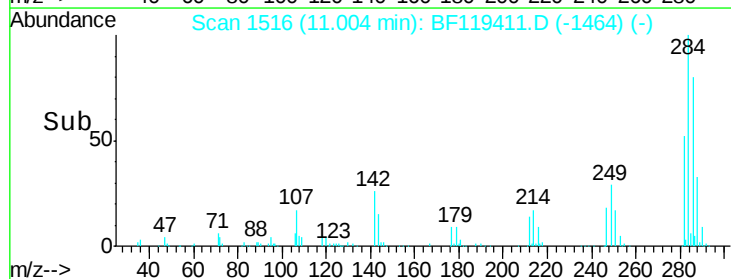
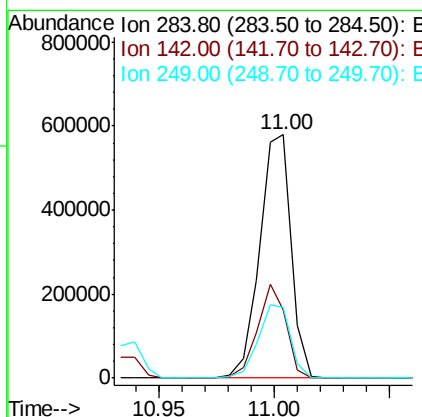
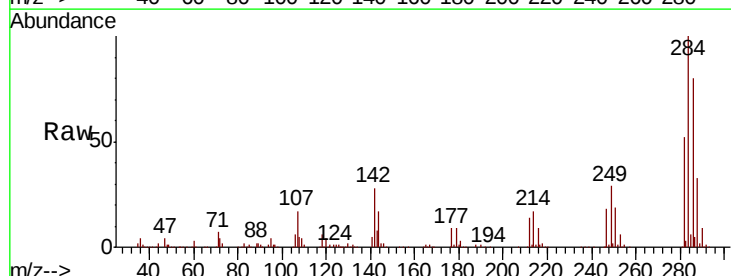
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

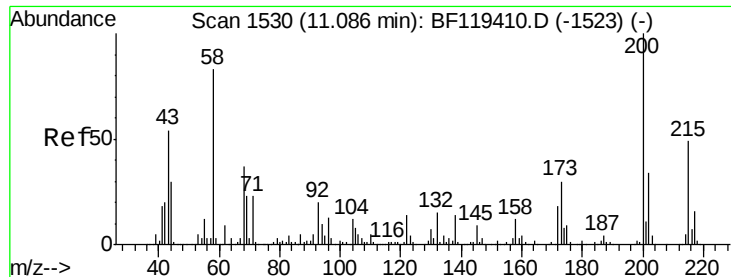
Tot Ion:248 Resp: 536179
Ion Ratio Lower Upper
248 100
250 98.4 77.0 115.6
141 65.1 59.7 89.5



#68
Hexachlorobenzene
Concen: 36.851 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.01 min
Lab File: BF119411.D
Acq: 18 Mar 2020 12:40

Tgt Ion:284 Resp: 550465
Ion Ratio Lower Upper
284 100
142 28.1 28.7 43.1#
249 29.2 25.4 38.0





#69

Atrazine

Concen: 37.330 ng

RT: 11.09 min Scan# 1531

Delta R.T. 0.01 min

Lab File: BF119411.D

Acq: 18 Mar 2020 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

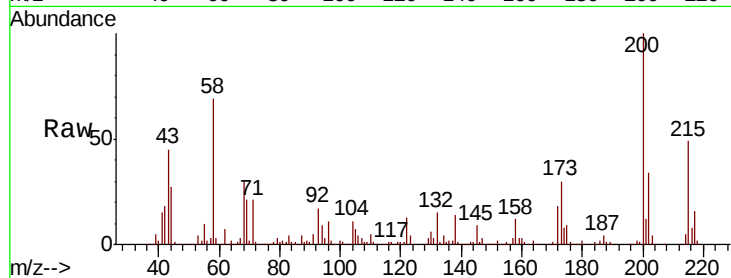
Tot Ion:200 Resp: 423293

Ion Ratio Lower Upper

200 100

173 29.9 9.9 49.9

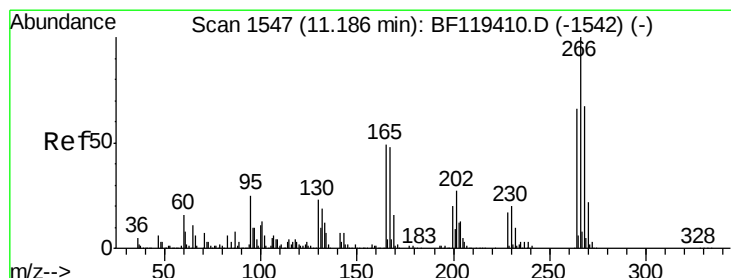
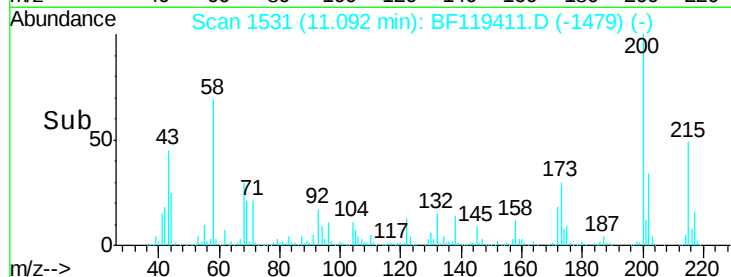
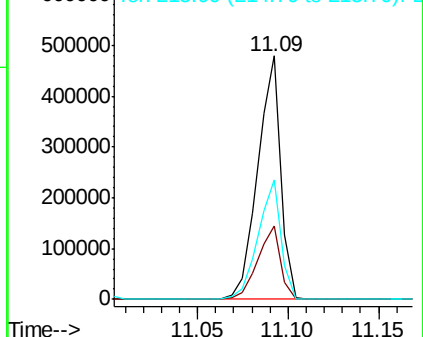
215 49.2 29.4 69.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 55.867 ng

RT: 11.19 min Scan# 1548

Delta R.T. 0.01 min

Lab File: BF119411.D

Acq: 18 Mar 2020 12:40

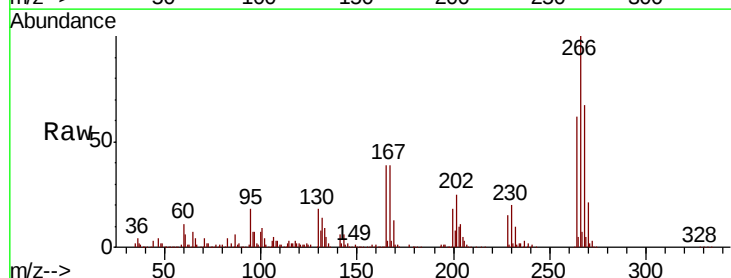
Tgt Ion:266 Resp: 336160

Ion Ratio Lower Upper

266 100

268 66.6 53.7 80.5

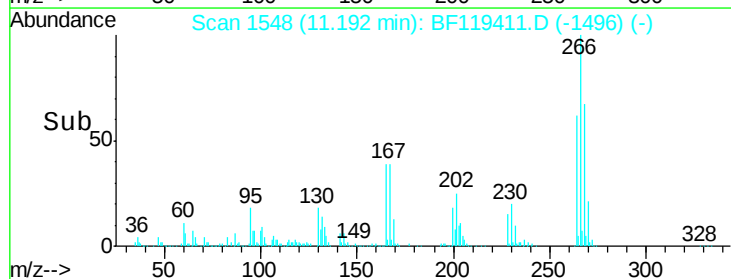
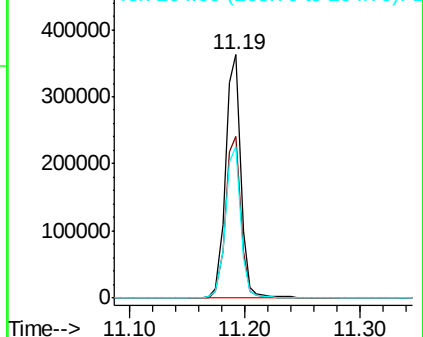
264 62.2 52.5 78.7

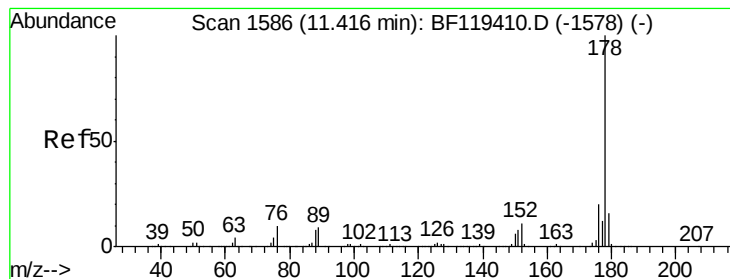


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 45.265 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF119411.D

Acq: 18 Mar 2020 12:40

Instrument :

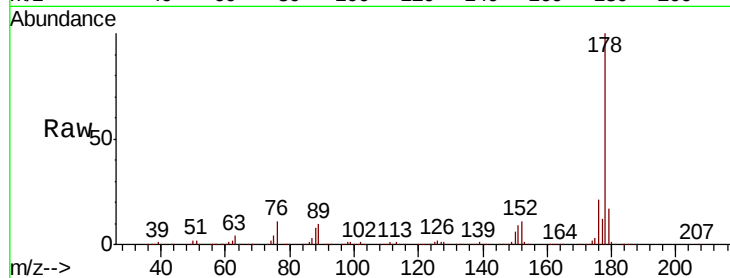
BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:178 Resp: 2446709

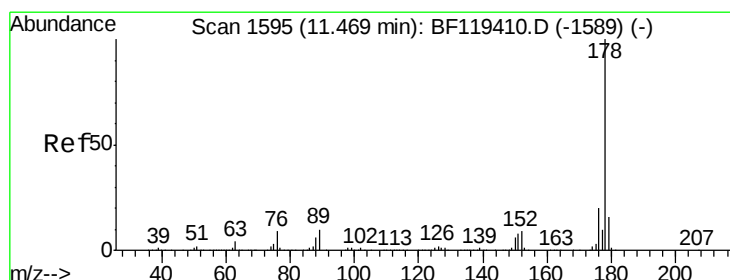
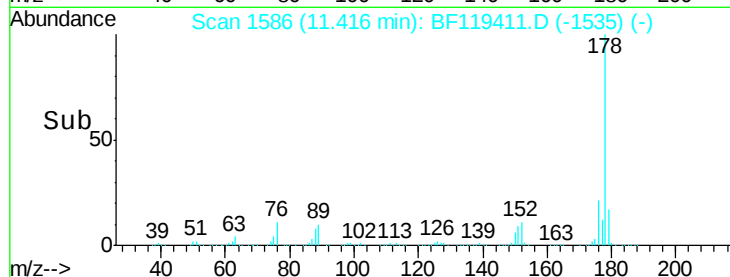
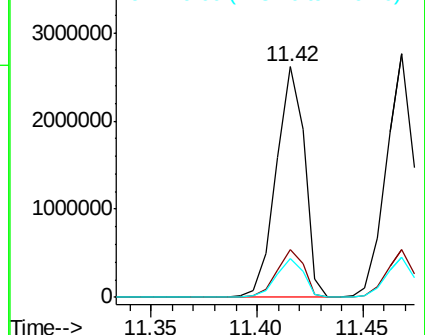
Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.2	24.4
179	16.7	12.9	19.3



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: 46.011 ng

RT: 11.47 min Scan# 1595

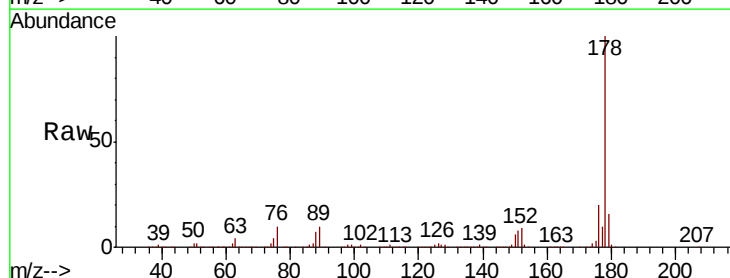
Delta R.T. 0.00 min

Lab File: BF119411.D

Acq: 18 Mar 2020 12:40

Tgt Ion:178 Resp: 2484969

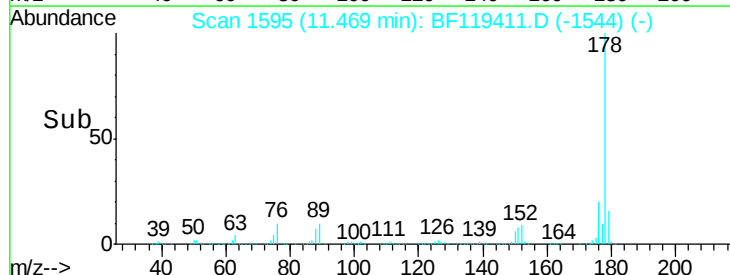
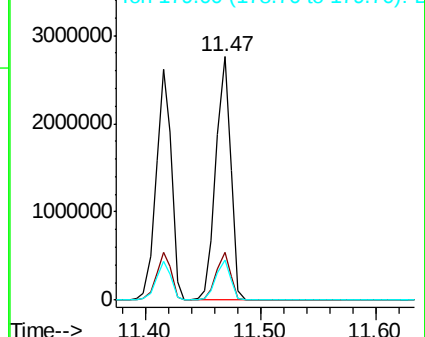
Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	16.5	13.1	19.7

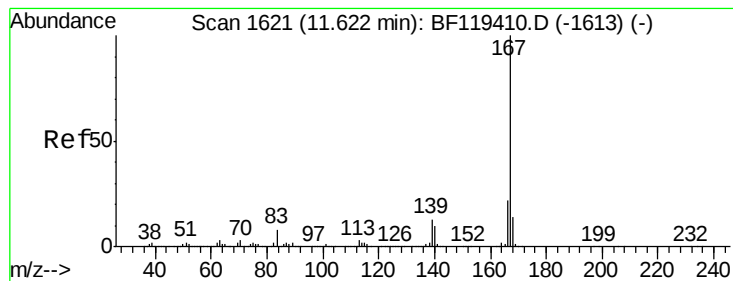


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 51.099 ng

RT: 11.62 min Scan# 1621

Delta R.T. 0.00 min

Lab File: BF119411.D

Acq: 18 Mar 2020 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

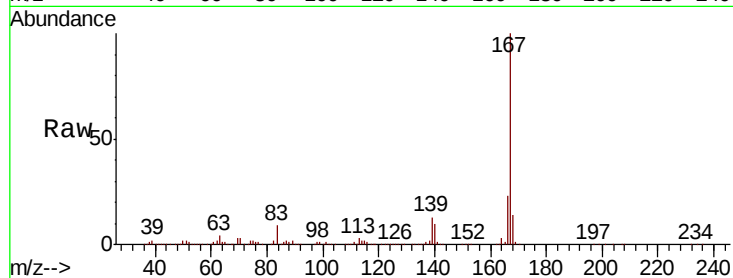
Tot Ion:167 Resp: 2458608

Ion Ratio Lower Upper

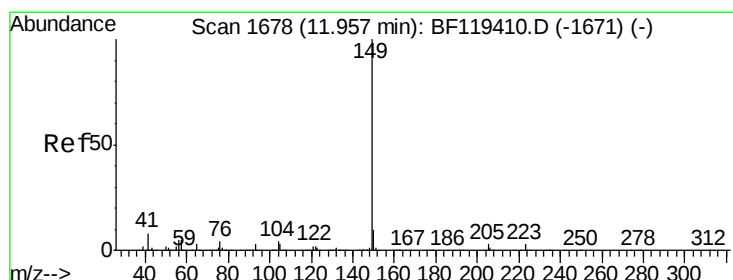
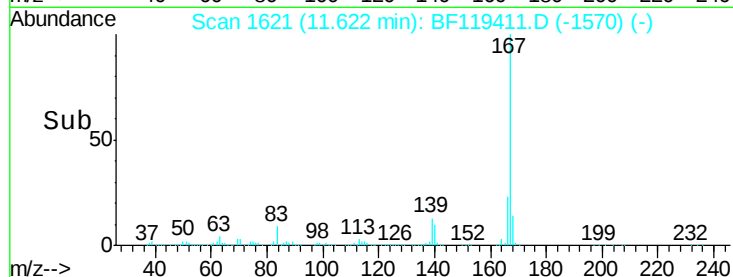
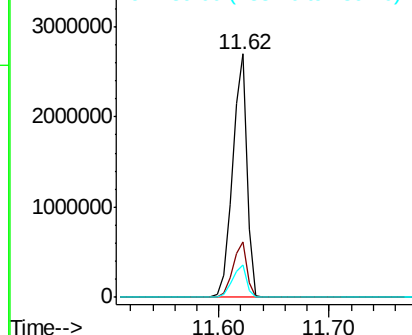
167 100

166 22.9 17.8 26.6

139 13.4 10.2 15.4



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.847 ng

RT: 11.96 min Scan# 1678

Delta R.T. 0.00 min

Lab File: BF119411.D

Acq: 18 Mar 2020 12:40

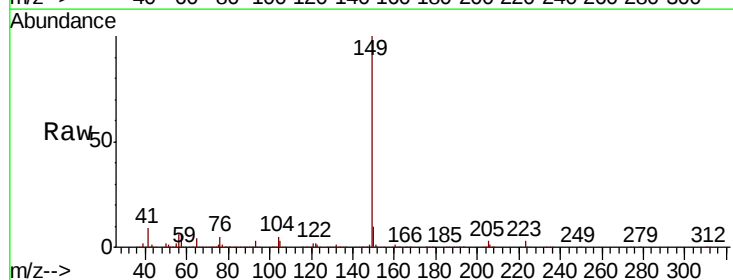
Tgt Ion:149 Resp: 2671417

Ion Ratio Lower Upper

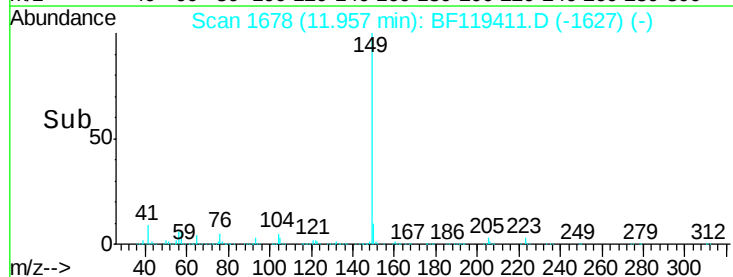
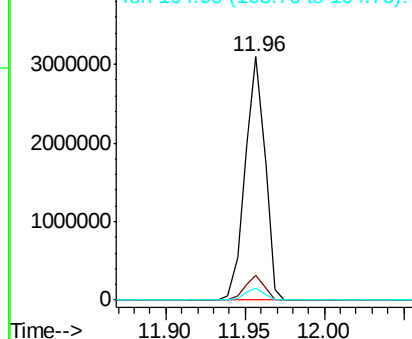
149 100

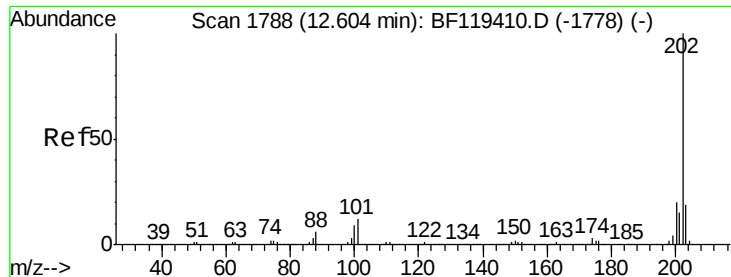
150 10.2 7.6 11.4

104 4.9 3.5 5.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.512 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BF119411.D

Acq: 18 Mar 2020 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

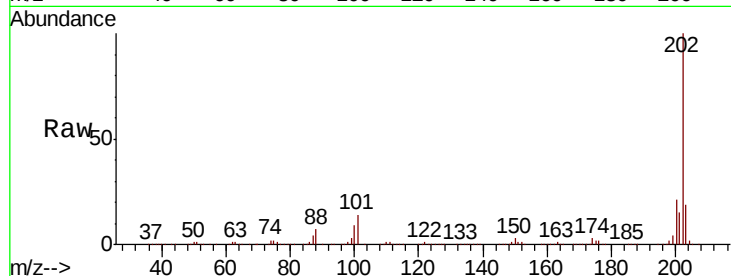
Tot Ion:202 Resp: 2668685

Ion Ratio Lower Upper

202 100

101 13.8 0.0 32.4

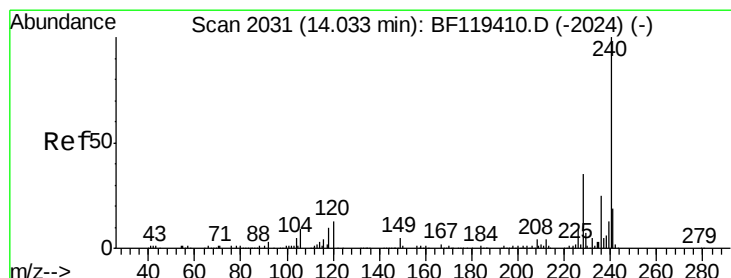
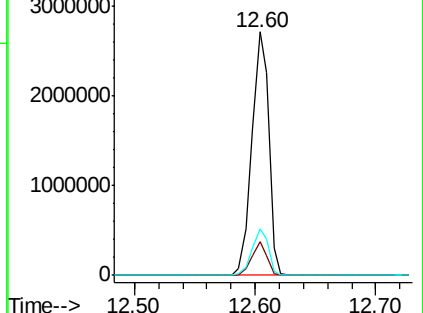
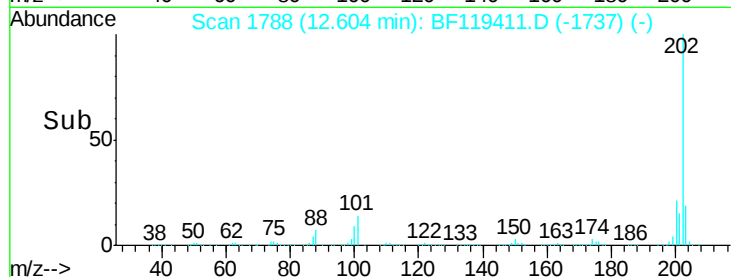
203 19.0 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BF119411.D

Acq: 18 Mar 2020 12:40

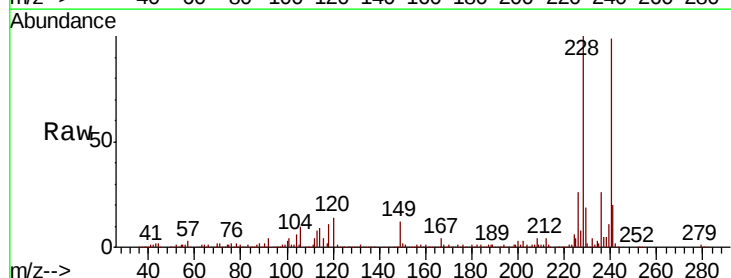
Tgt Ion:240 Resp: 706290

Ion Ratio Lower Upper

240 100

120 14.4 10.2 15.4

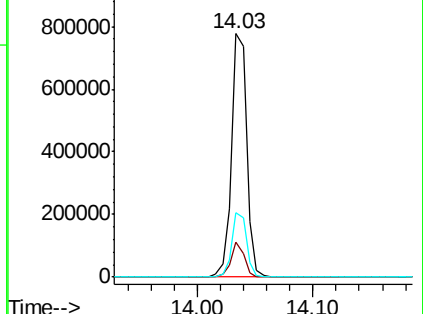
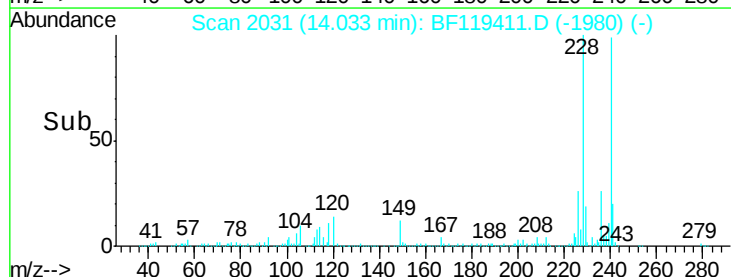
236 26.4 20.4 30.6

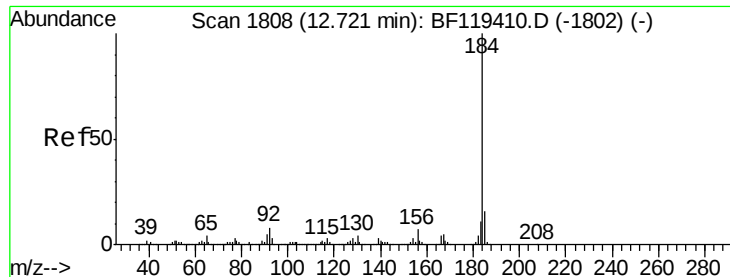


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 49.192 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF119411.D

Acq: 18 Mar 2020 12:40

Instrument :

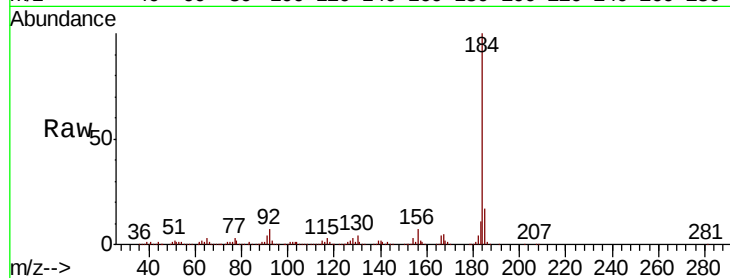
BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:184 Resp: 1412992

Ion	Ratio	Lower	Upper
184	100		
185	16.6	12.9	19.3
183	11.0	9.0	13.4

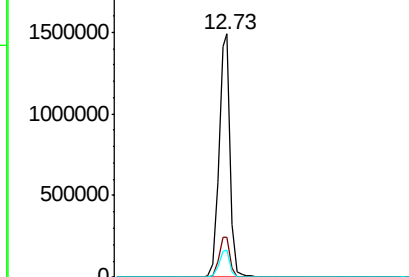
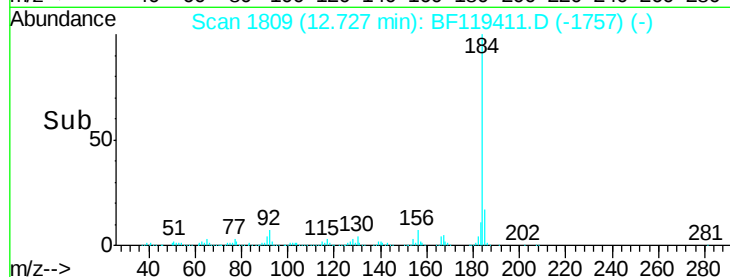


Abundance

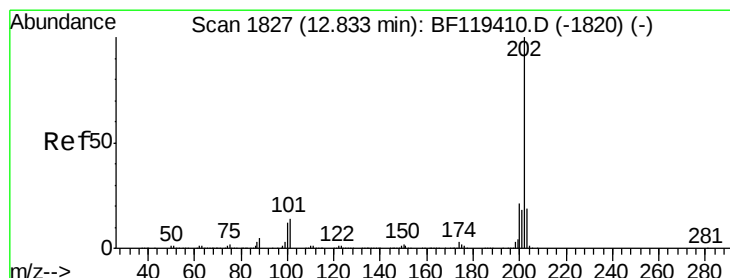
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 48.318 ng

RT: 12.83 min Scan# 1827

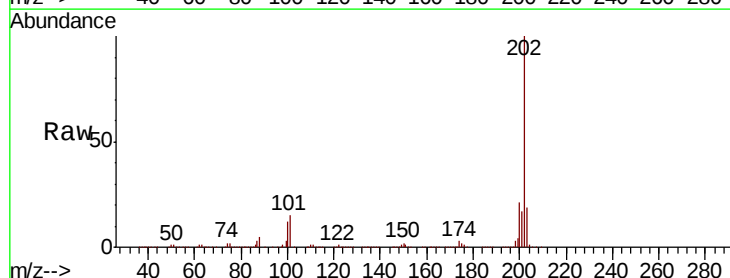
Delta R.T. 0.00 min

Lab File: BF119411.D

Acq: 18 Mar 2020 12:40

Tgt Ion:202 Resp: 2740323

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	18.9	14.8	22.2

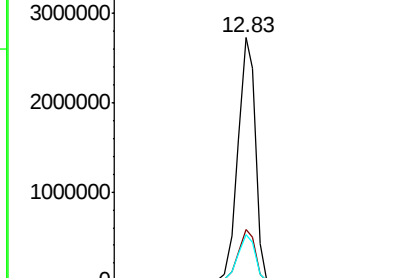
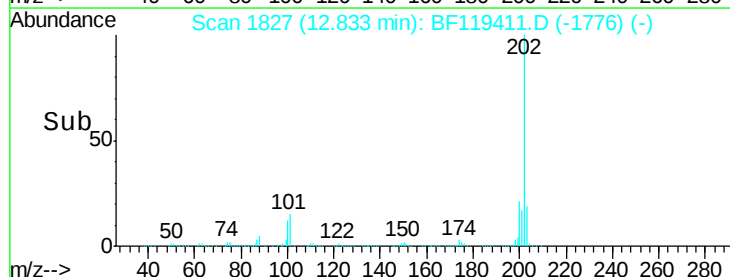


Abundance

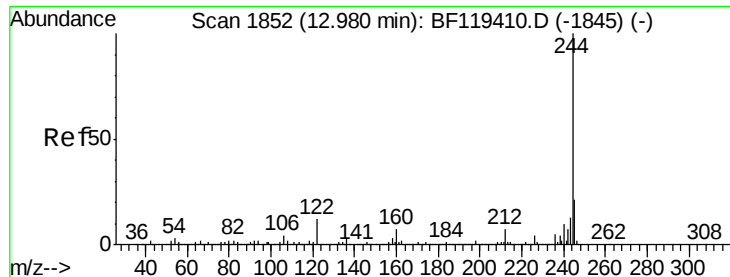
Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#79

Terphenyl-d14

Concen: 81.244 ng

RT: 12.98 min Scan# 1852

Delta R.T. 0.00 min

Lab File: BF119411.D

Acq: 18 Mar 2020 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

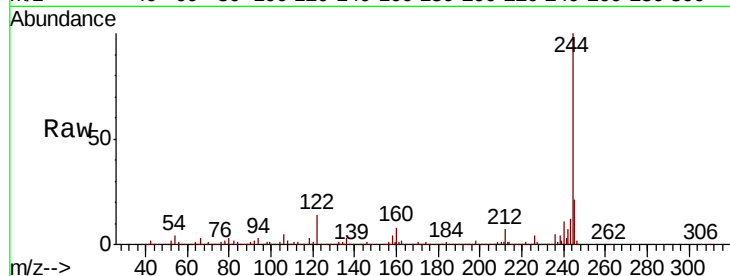
Tot Ion:244 Resp: 3332893

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

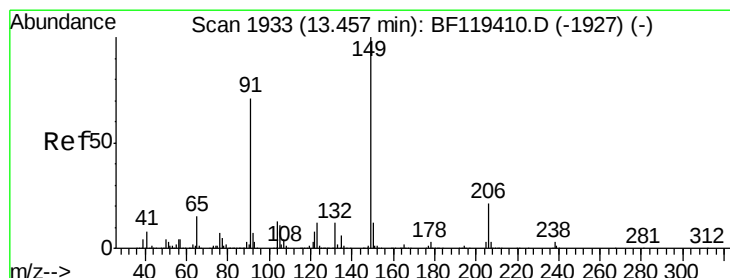
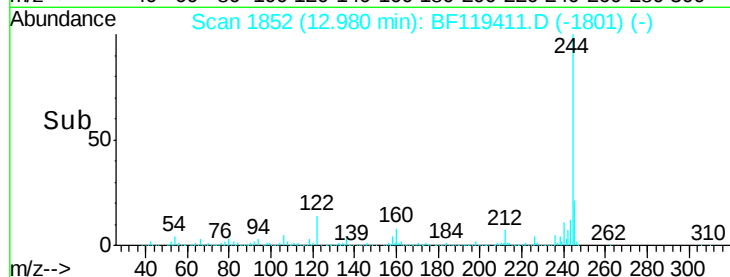
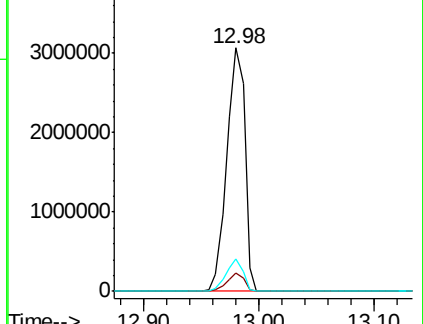
122 13.6 9.8 14.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.235 ng

RT: 13.46 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BF119411.D

Acq: 18 Mar 2020 12:40

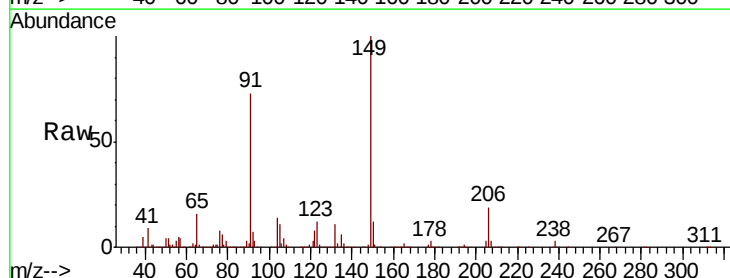
Tgt Ion:149 Resp: 1151342

Ion Ratio Lower Upper

149 100

91 73.5 57.0 85.6

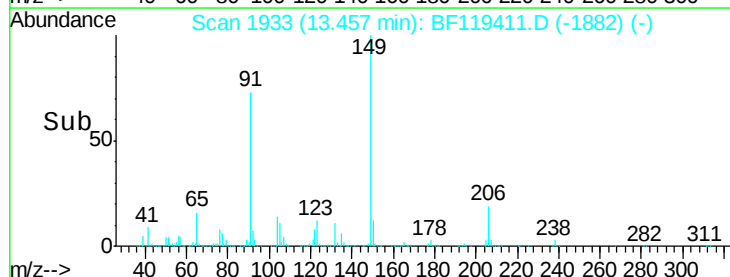
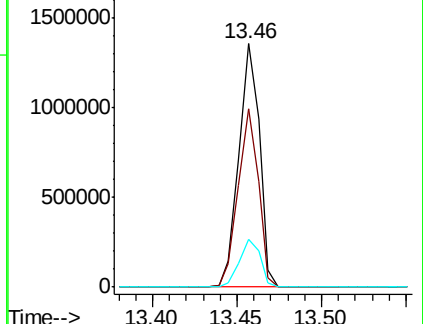
206 19.4 16.4 24.6

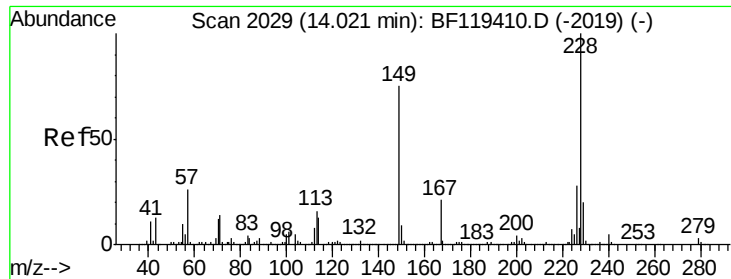


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

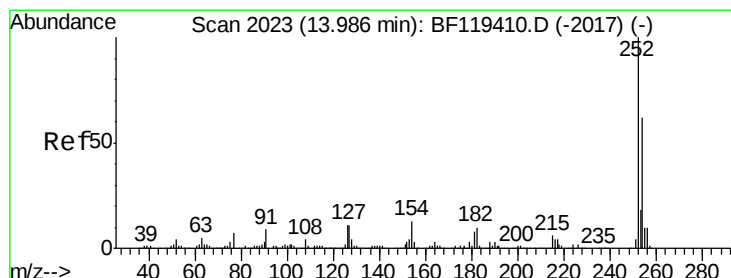
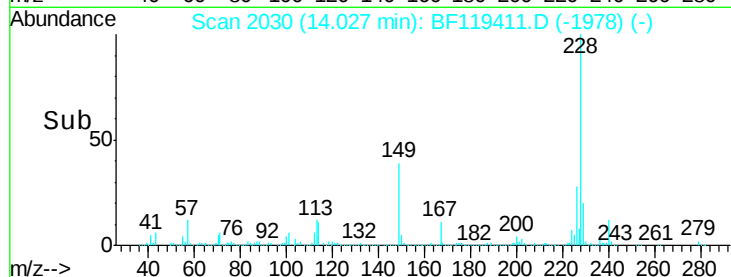
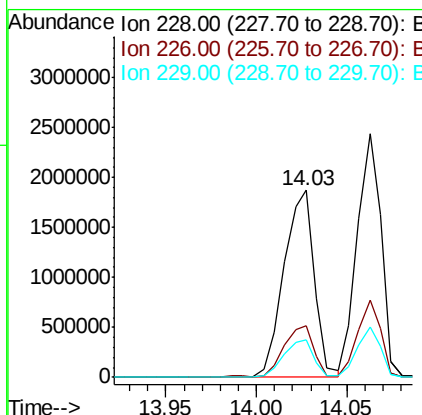
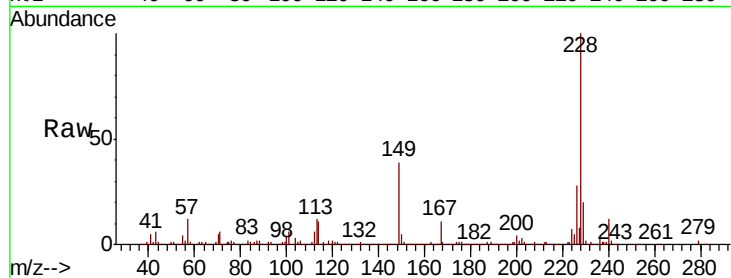




#81
Benzo(a)anthracene
Concen: 45.774 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BF119411.D
Acq: 18 Mar 2020 12:40

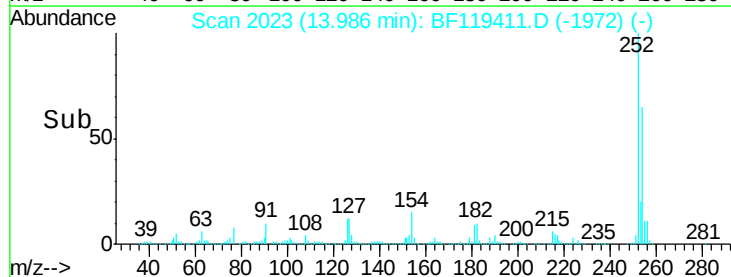
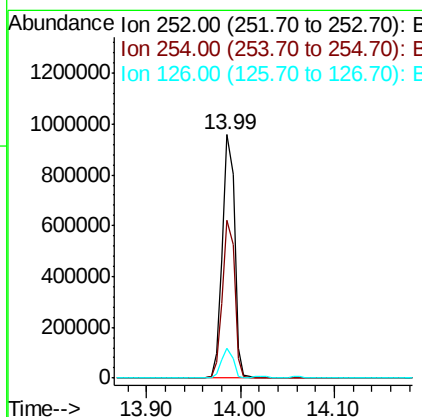
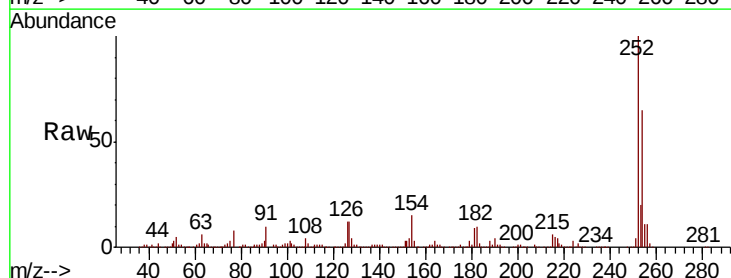
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:228 Resp: 2202840
Ion Ratio Lower Upper
228 100
226 27.7 22.3 33.5
229 20.2 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 46.828 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF119411.D
Acq: 18 Mar 2020 12:40

Tgt Ion:252 Resp: 875071
Ion Ratio Lower Upper
252 100
254 64.7 49.8 74.8
126 12.4 8.9 13.3





#83

Chrysene

Concen: 46.925 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BF119411.D

Acq: 18 Mar 2020 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

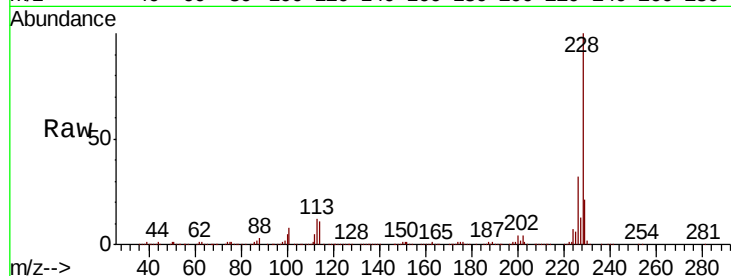
Tot Ion:228 Resp: 2250130

Ion Ratio Lower Upper

228 100

226 31.6 24.8 37.2

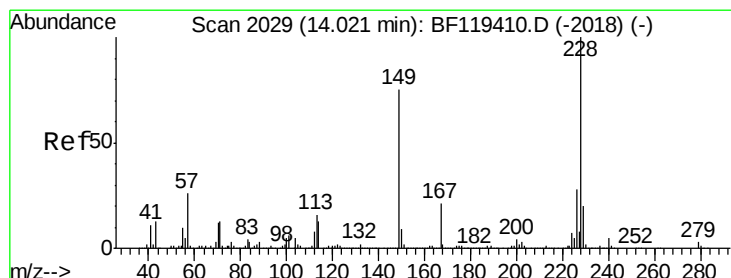
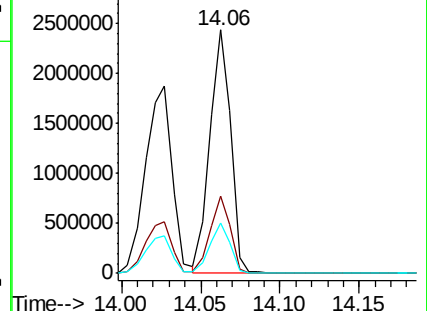
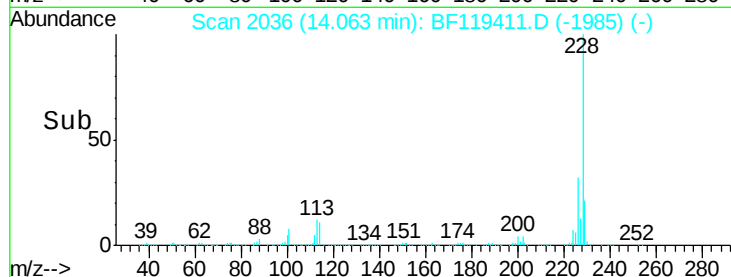
229 20.6 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.226 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF119411.D

Acq: 18 Mar 2020 12:40

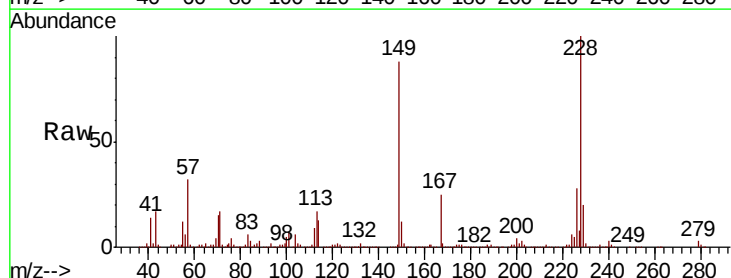
Tgt Ion:149 Resp: 1333666

Ion Ratio Lower Upper

149 100

167 27.7 22.0 33.0

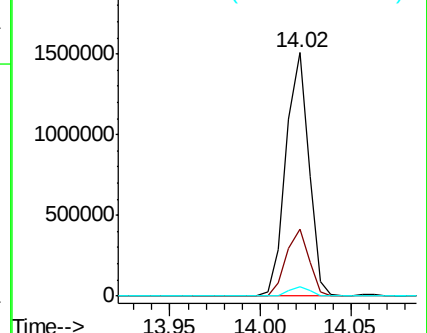
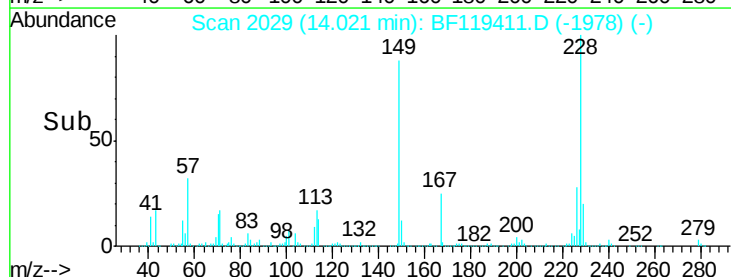
279 3.6 3.2 4.8

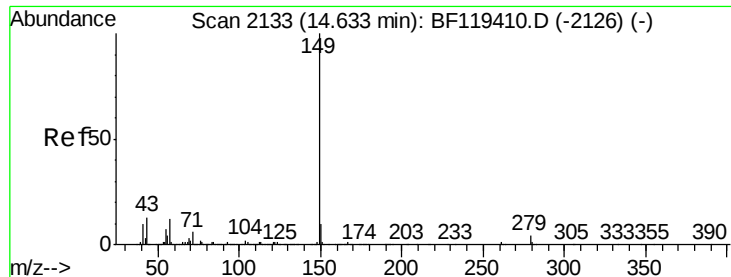


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

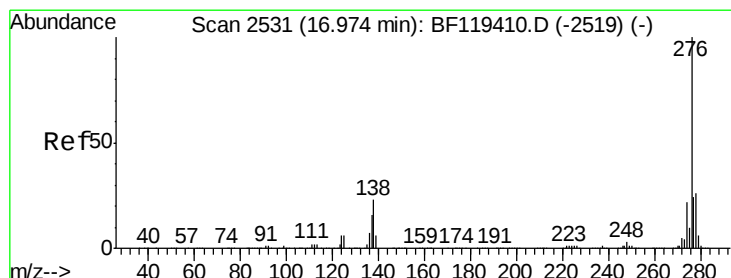
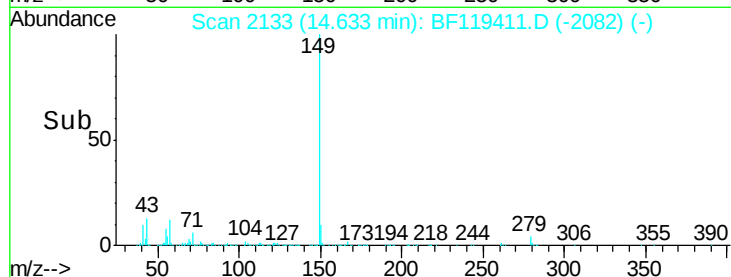
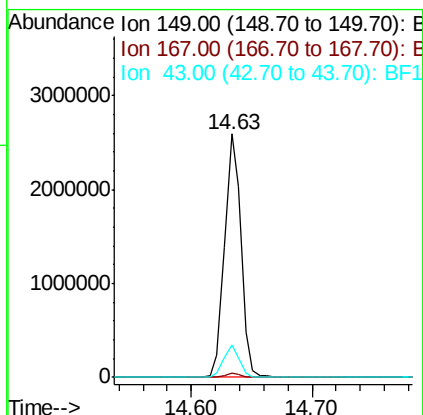
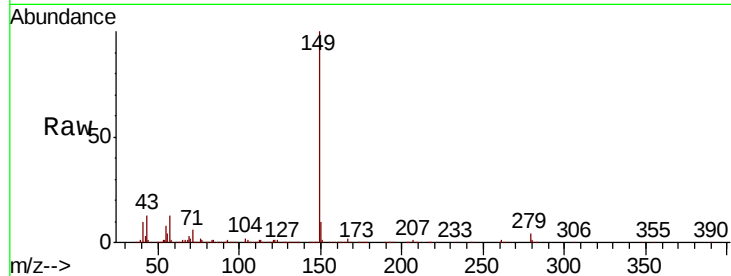




#85
Di-n-octyl phthalate
Concen: 50.608 ng
RT: 14.63 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BF119411.D
Acq: 18 Mar 2020 12:40

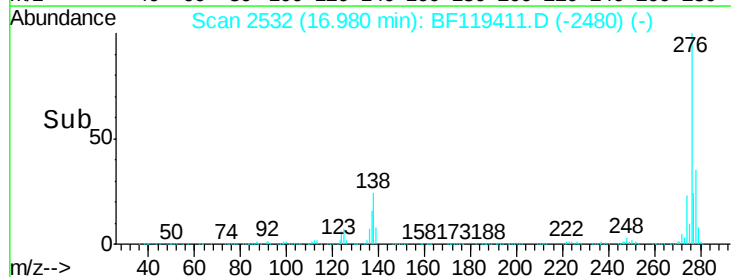
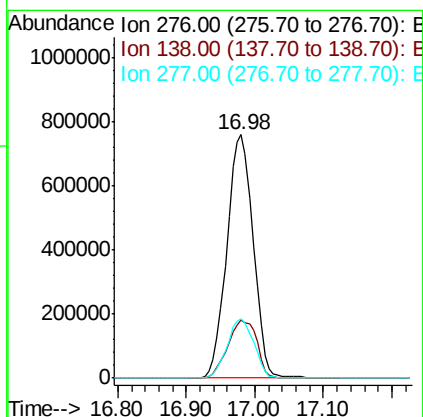
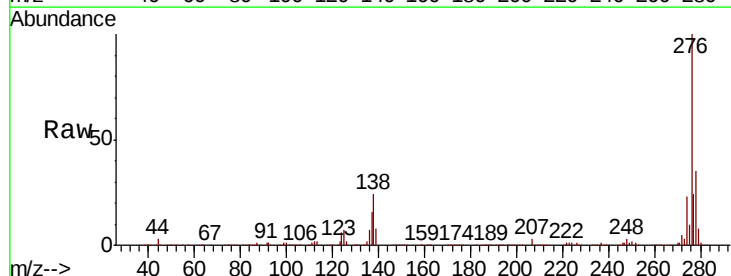
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

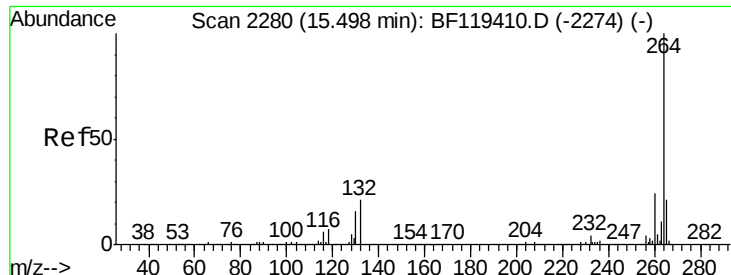
Tot Ion:149 Resp: 2431546
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 12.7 10.1 15.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 43.522 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.01 min
Lab File: BF119411.D
Acq: 18 Mar 2020 12:40

Tgt Ion:276 Resp: 2020748
Ion Ratio Lower Upper
276 100
138 26.4 21.3 31.9
277 24.9 20.2 30.2

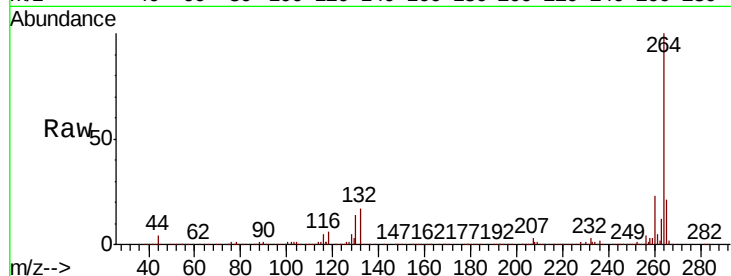




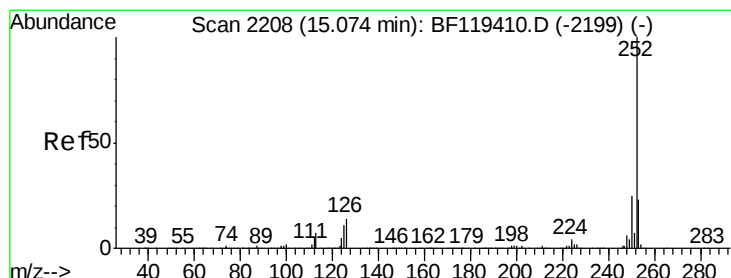
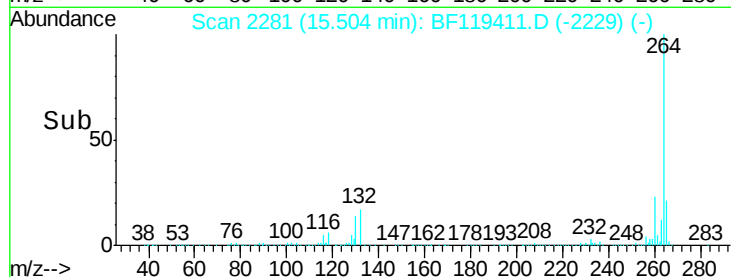
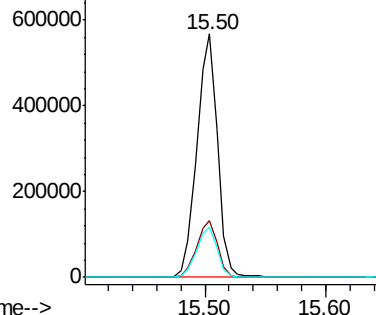
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF119411.D
Acq: 18 Mar 2020 12:40

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	20.8	16.9	25.3

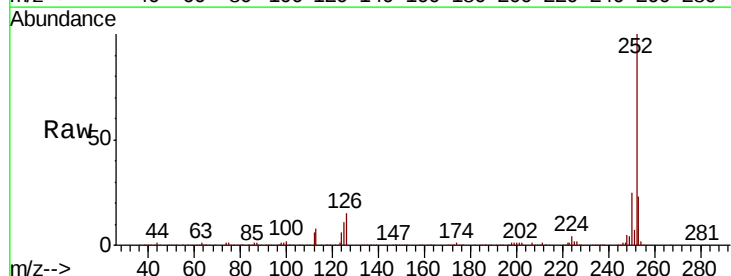


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

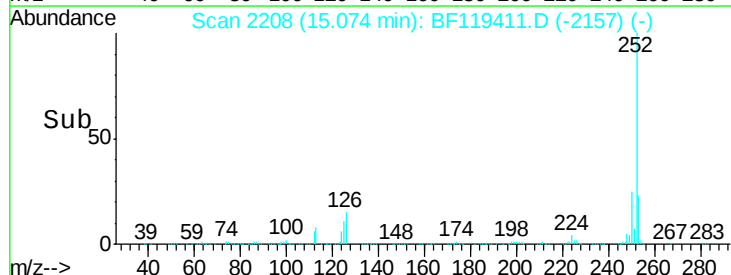
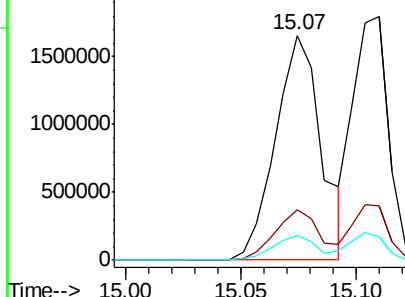


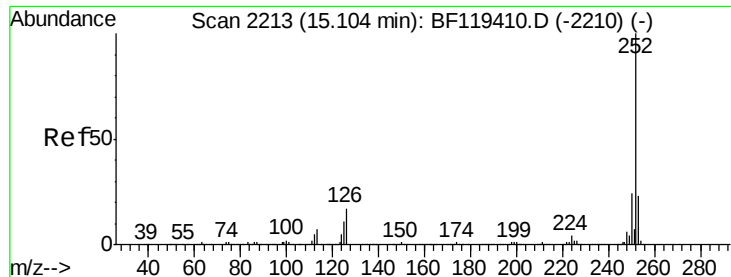
#88
Benzo(b)fluoranthene
Concen: 51.569 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BF119411.D
Acq: 18 Mar 2020 12:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	11.0	8.8	13.2



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

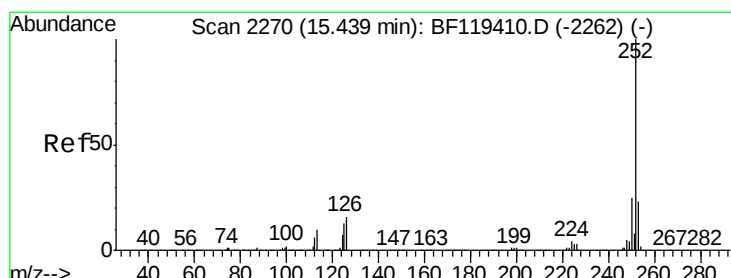
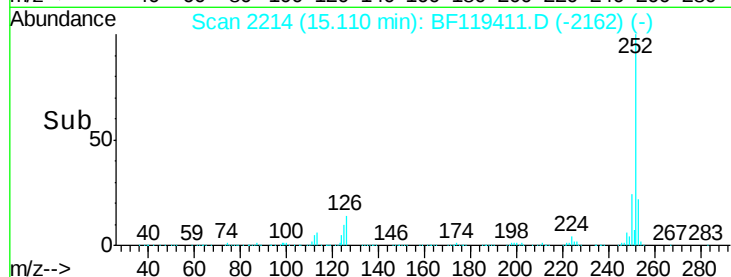
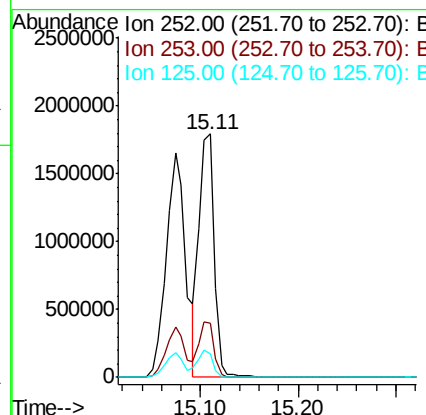
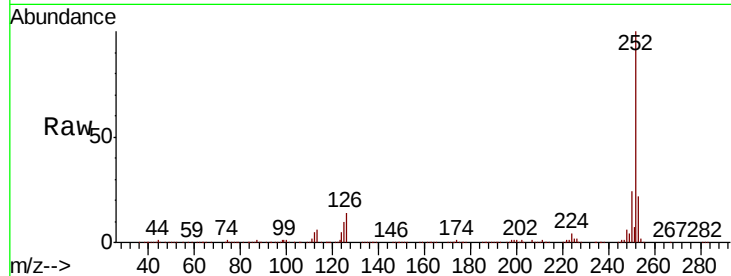




#89
Benzo(k)fluoranthene
Concen: 47.444 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.01 min
Lab File: BF119411.D
Acq: 18 Mar 2020 12:40

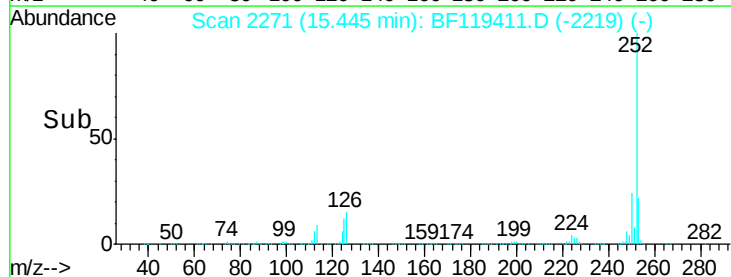
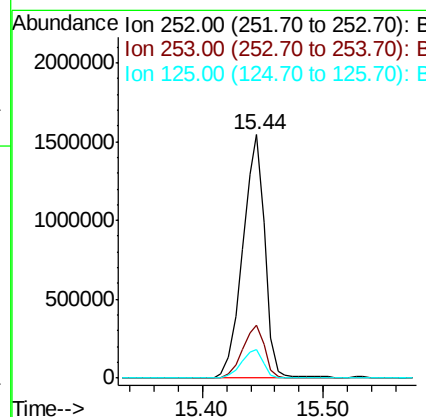
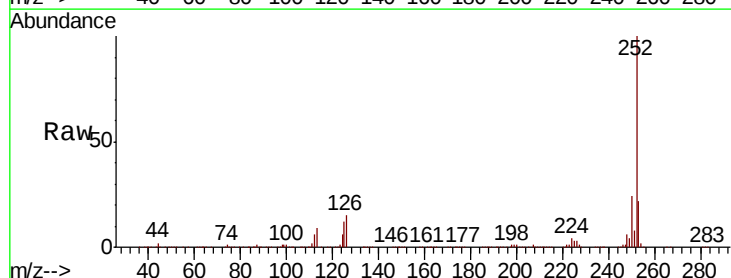
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

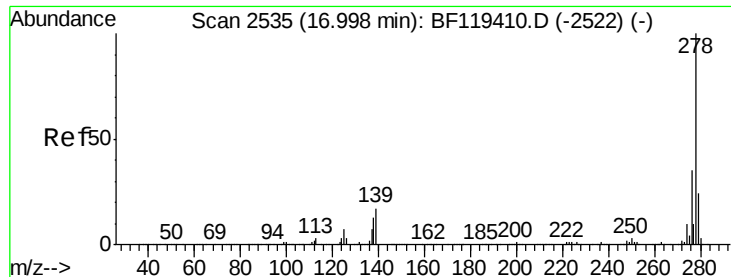
Tot Ion:252 Resp: 1940666
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.4
125 9.8 9.0 13.4



#90
Benzo(a)pyrene
Concen: 49.319 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF119411.D
Acq: 18 Mar 2020 12:40

Tgt Ion:252 Resp: 1964673
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 11.9 10.2 15.2





#91

Dibenzo(a,h)anthracene

Concen: 46.694 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.00 min

Lab File: BF119411.D

Acq: 18 Mar 2020 12:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

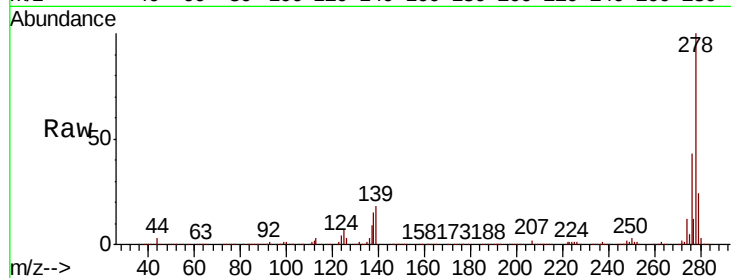
Tot Ion:278 Resp: 1636698

Ion Ratio Lower Upper

278 100

139 17.9 13.7 20.5

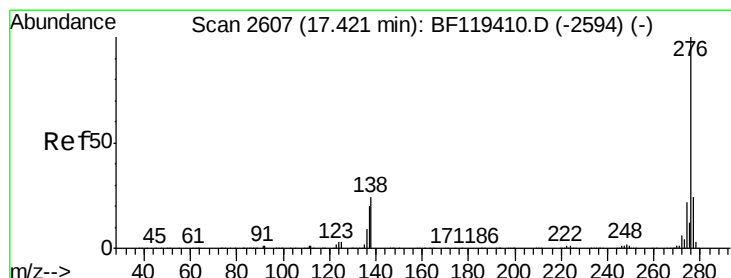
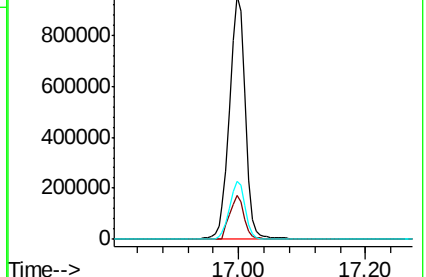
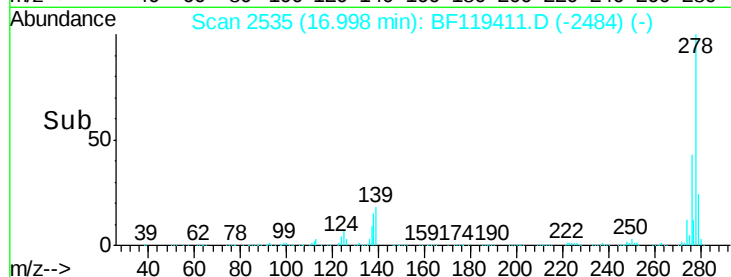
279 24.0 19.2 28.8



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: 47.217 ng

RT: 17.43 min Scan# 2608

Delta R.T. 0.01 min

Lab File: BF119411.D

Acq: 18 Mar 2020 12:40

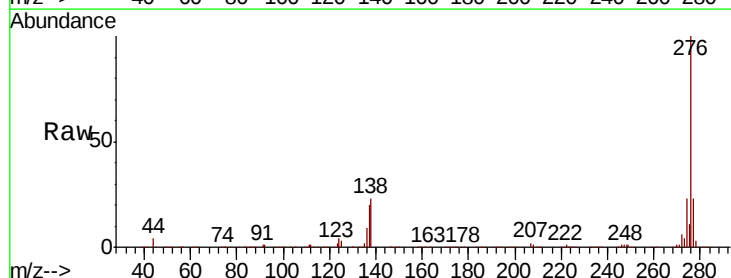
Tgt Ion:276 Resp: 1635244

Ion Ratio Lower Upper

276 100

277 23.2 18.8 28.2

138 23.4 19.1 28.7



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

