

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
 Data File : BF119627.D
 Acq On : 28 Mar 2020 20:02
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Mar 29 23:20:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	287108	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	948339	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	405941	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	629140	20.00	ng	0.00
76) Chrysene-d12	14.01	240	498857	20.00	ng	0.00
87) Perylene-d12	15.47	264	425226	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1481549	82.15	ng	0.00
7) Phenol-d6	6.46	99	1769785	76.82	ng	0.00
23) Nitrobenzene-d5	7.40	82	1450906	83.15	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	314024	74.98	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2388796	87.18	ng	0.00
79) Terphenyl-d14	12.96	244	1943794	76.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	360649	40.49	ng	96
3) Pyridine	3.30	79	935315	38.11	ng	93
4) n-Nitrosodimethylamine	3.25	42	416986	34.84	ng	91
6) Aniline	6.50	93	1175291	36.96	ng	98
8) 2-Chlorophenol	6.62	128	751794	39.69	ng	99
9) Benzaldehyde	6.39	77	538056	36.81	ng	98
10) Phenol	6.48	94	1019921	41.49	ng	93
11) bis(2-Chloroethyl)ether	6.57	93	775399	39.44	ng	99
12) 1,3-Dichlorobenzene	6.78	146	807145	39.37	ng	99
13) 1,4-Dichlorobenzene	6.86	146	816841	39.83	ng	99
14) 1,2-Dichlorobenzene	7.01	146	722737	37.71	ng	99
15) Benzyl Alcohol	6.97	79	619385	35.74	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1428191	36.01	ng	100
17) 2-Methylphenol	7.09	107	626292	36.09	ng	98
18) Hexachloroethane	7.35	117	225227	29.97	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	490597	35.33	ng	96
20) 3+4-Methylphenols	7.24	107	766978	36.06	ng	99
22) Acetophenone	7.25	105	881782	38.91	ng	# 98
24) Nitrobenzene	7.42	77	751676	40.31	ng	98
25) Isophorone	7.66	82	1359952	38.42	ng	98
26) 2-Nitrophenol	7.73	139	308440	42.01	ng	95
27) 2,4-Dimethylphenol	7.77	122	535035	35.24	ng	97
28) bis(2-Chloroethoxy)methane	7.87	93	834449	39.87	ng	100
29) 2,4-Dichlorophenol	7.97	162	537792	38.55	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	612141	39.68	ng	98
31) Naphthalene	8.15	128	1912024	39.18	ng	100
32) Benzoic acid	7.92	122	77609	7.95	ng	91
33) 4-Chloroaniline	8.19	127	836811	37.42	ng	98
34) Hexachlorobutadiene	8.26	225	365670	42.36	ng	98
35) Caprolactam	8.56	113	162192	35.53	ng	97
36) 4-Chloro-3-methylphenol	8.67	107	555866	36.46	ng	97
37) 2-Methylnaphthalene	8.84	142	1211066	37.81	ng	98
38) 1-Methylnaphthalene	8.93	142	1121695	37.00	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	547233	45.99	ng	99

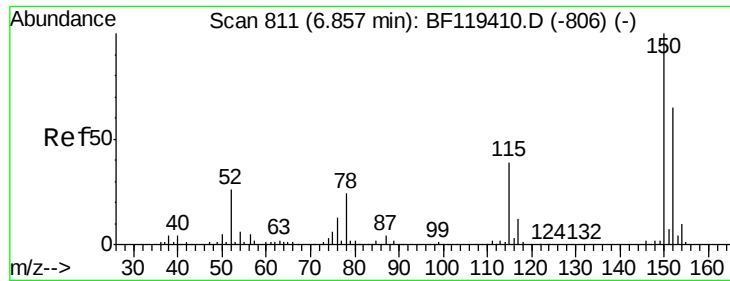
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
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 QLast Update : Fri Mar 27 07:52:09 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	31909	4.72	ng	98
43) 2,4,6-Trichlorophenol	9.12	196	361515	42.46	ng	97
44) 2,4,5-Trichlorophenol	9.15	196	400346	41.97	ng	99
46) 1,1'-Biphenyl	9.30	154	1452439	43.93	ng	99
47) 2-Chloronaphthalene	9.33	162	1099880	42.47	ng	98
48) 2-Nitroaniline	9.42	65	409964	45.86	ng	92
49) Acenaphthylene	9.74	152	1624452	39.94	ng	99
50) Dimethylphthalate	9.60	163	1278194	44.33	ng	100
51) 2,6-Dinitrotoluene	9.66	165	263030	42.56	ng	97
52) Acenaphthene	9.92	154	967080	38.14	ng	99
53) 3-Nitroaniline	9.83	138	330300	42.33	ng	98
54) 2,4-Dinitrophenol	9.93	184	6307	9.42	ng	# 79
55) Dibenzofuran	10.09	168	1425095	39.20	ng	99
56) 4-Nitrophenol	9.98	139	201802	32.79	ng	98
57) 2,4-Dinitrotoluene	10.06	165	309648	39.77	ng	94
58) Fluorene	10.43	166	1021871	38.01	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	259202	36.35	ng	98
60) Diethylphthalate	10.30	149	1242933	42.47	ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	544501	41.42	ng	99
62) 4-Nitroaniline	10.44	138	294783	39.40	ng	97
63) Azobenzene	10.58	77	1074581	36.46	ng	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	12118	4.59	ng	83
66) n-Nitrosodiphenylamine	10.54	169	953434	46.16	ng	100
67) 4-Bromophenyl-phenylether	10.91	248	325647	45.45	ng	100
68) Hexachlorobenzene	10.98	284	311127	42.43	ng	# 90
69) Atrazine	11.06	200	229775	40.58	ng	100
70) Pentachlorophenol	11.17	266	171024	39.77	ng	98
71) Phenanthrene	11.39	178	1318453	40.42	ng	99
72) Anthracene	11.45	178	1336153	40.30	ng	98
73) Carbazole	11.60	167	1303315	39.71	ng	97
74) Di-n-butylphthalate	11.93	149	1604507	45.70	ng	99
75) Fluoranthene	12.58	202	1405360	39.81	ng	98
77) Benzidine	12.70	184	769538	36.45	ng	99
78) Pyrene	12.81	202	1445719	35.31	ng	97
80) Butylbenzylphthalate	13.43	149	660842	39.91	ng	99
81) Benzo(a)anthracene	14.00	228	1272139	39.22	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	540756	42.28	ng	99
83) Chrysene	14.04	228	1282361	38.30	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	874135	44.28	ng	98
85) Di-n-octyl phthalate	14.60	149	1620221	46.67	ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	1010728	32.06	ng	99
88) Benzo(b)fluoranthene	15.04	252	1229212	43.27	ng	98
89) Benzo(k)fluoranthene	15.07	252	1075008	39.75	ng	99
90) Benzo(a)pyrene	15.42	252	1031997	39.98	ng	98
91) Dibenzo(a,h)anthracene	16.96	278	861139	38.14	ng	99
92) Benzo(g,h,i)perylene	17.38	276	804422	35.46	ng	96

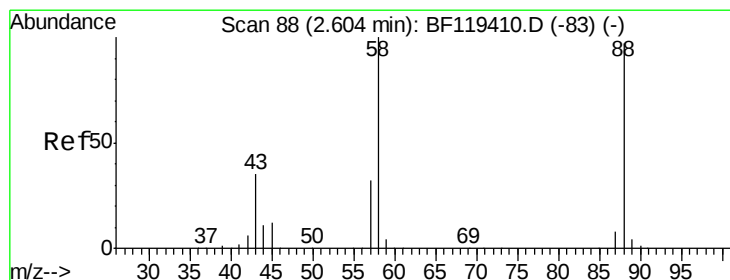
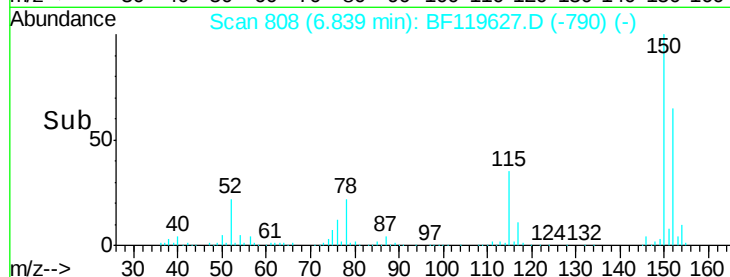
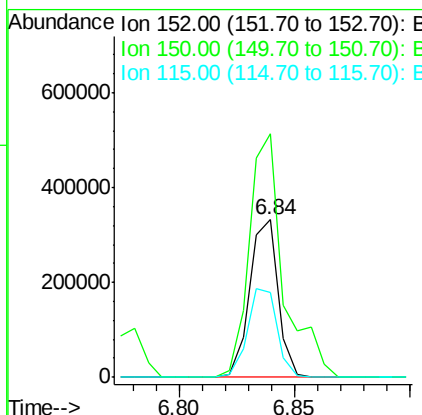
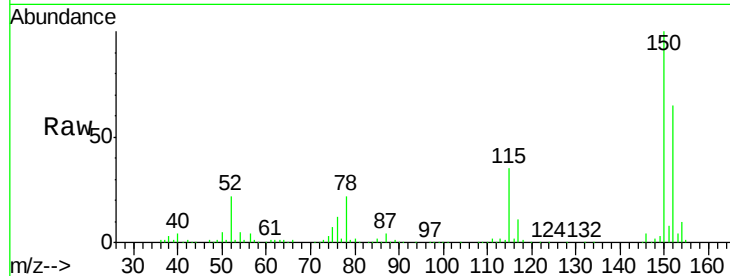
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: BF119627.D
 Acq: 28 Mar 2020 20:02

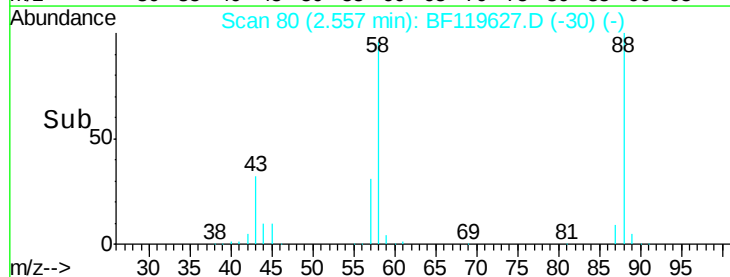
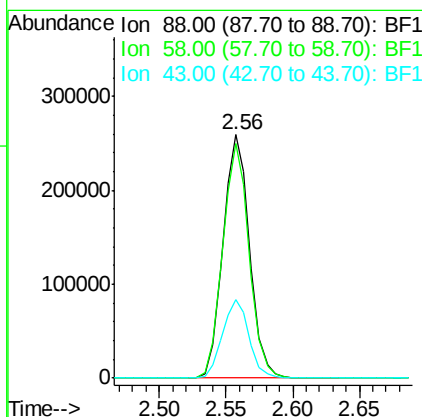
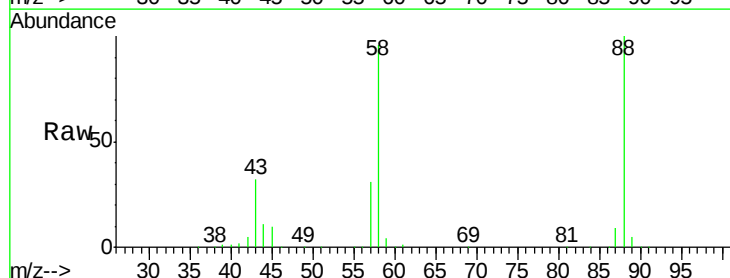
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

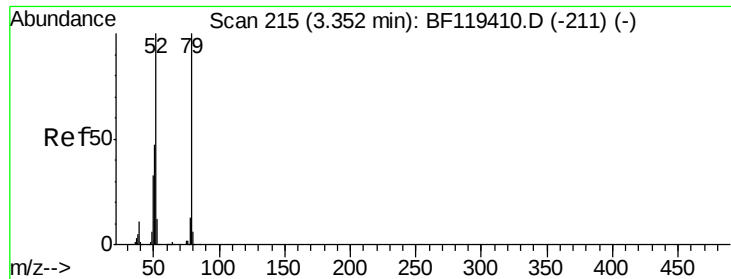
Tgt Ion:152 Resp: 287108
 Ion Ratio Lower Upper
 152 100
 150 154.8 124.5 186.7
 115 54.4 49.6 74.4



#2
 1,4-Dioxane
 Concen: 40.49 ng
 RT: 2.56 min Scan# 80
 Delta R.T. -0.01 min
 Lab File: BF119627.D
 Acq: 28 Mar 2020 20:02

Tgt Ion: 88 Resp: 360649
 Ion Ratio Lower Upper
 88 100
 58 96.6 80.6 121.0
 43 32.6 27.5 41.3

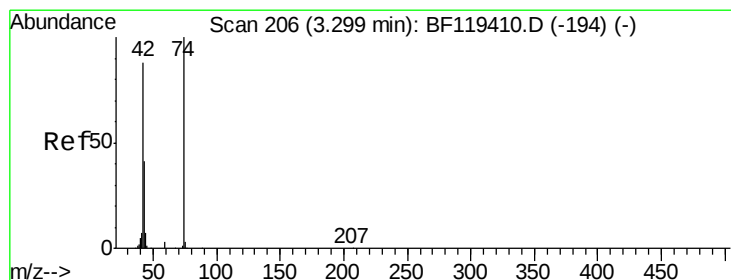
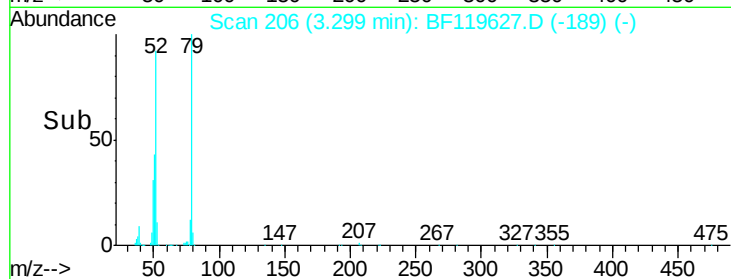
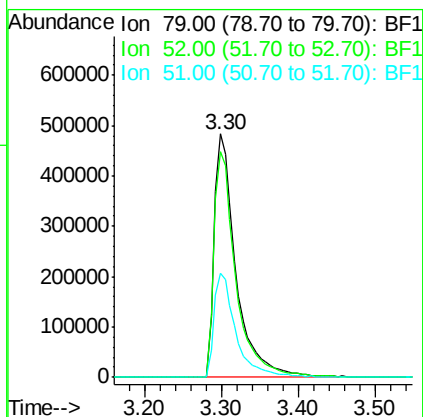
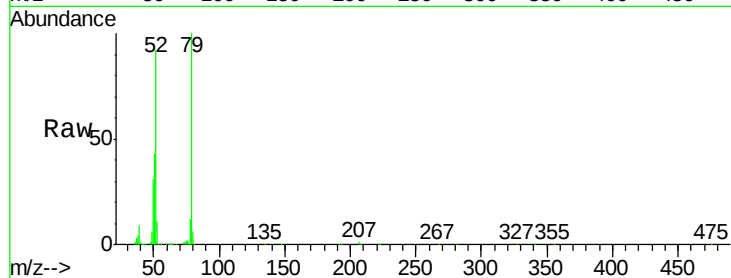




#3
Pyridine
Concen: 38.11 ng
RT: 3.30 min Scan# 206
Delta R.T. -0.00 min
Lab File: BF119627.D
Acq: 28 Mar 2020 20:02

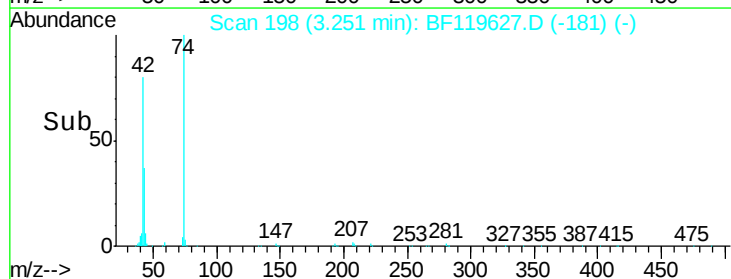
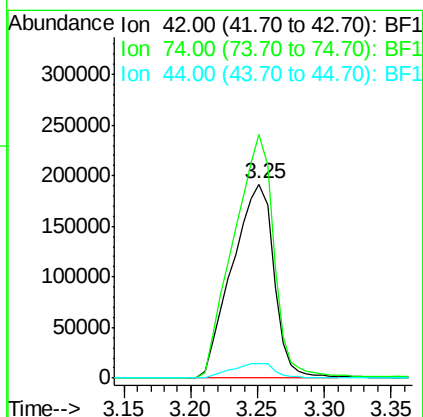
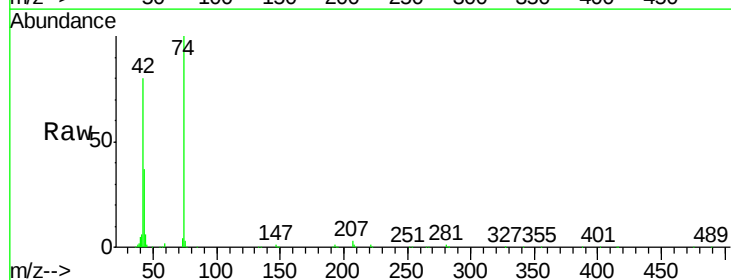
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BNA_F
ClientSampleId :
SSTDCCC040EC

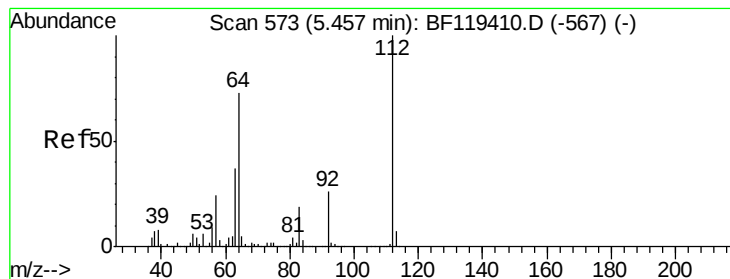
Tgt Ion: 79 Resp: 935315
Ion Ratio Lower Upper
79 100
52 92.5 80.2 120.2
51 42.7 37.7 56.5



#4
n-Nitrosodimethylamine
Concen: 34.84 ng
RT: 3.25 min Scan# 198
Delta R.T. -0.00 min
Lab File: BF119627.D
Acq: 28 Mar 2020 20:02

Tgt Ion: 42 Resp: 416986
Ion Ratio Lower Upper
42 100
74 125.3 91.5 137.3
44 7.6 6.2 9.4





#5

2-Fluorophenol

Concen: 82.15 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.01 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

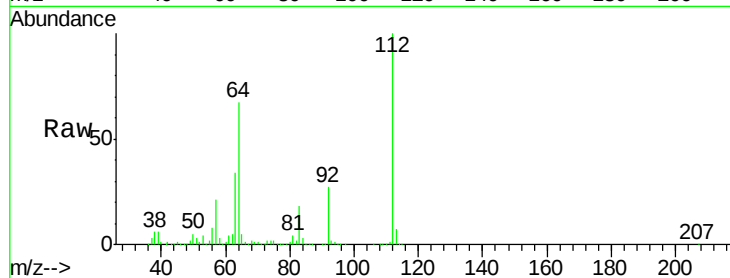
Tgt Ion: 112 Resp: 1481549

Ion Ratio Lower Upper

112 100

64 67.2 56.7 85.1

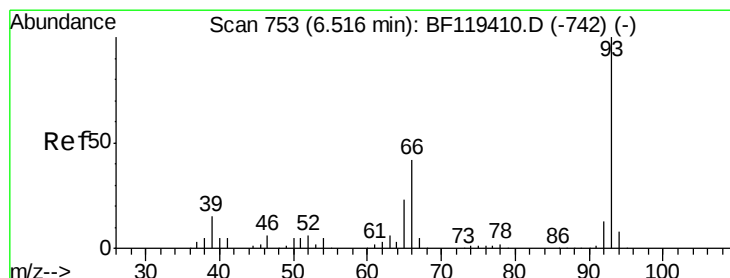
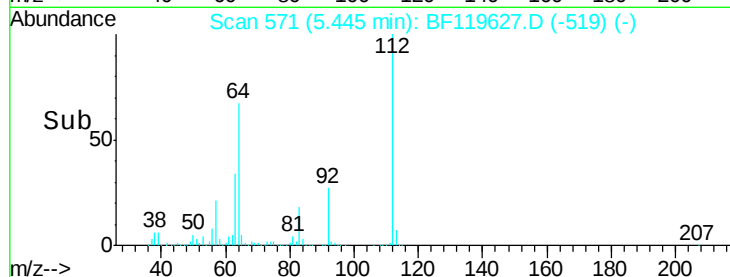
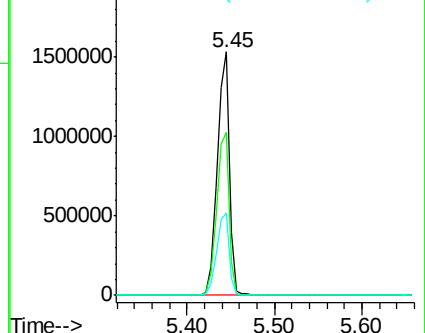
63 33.9 29.5 44.3



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: 36.96 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

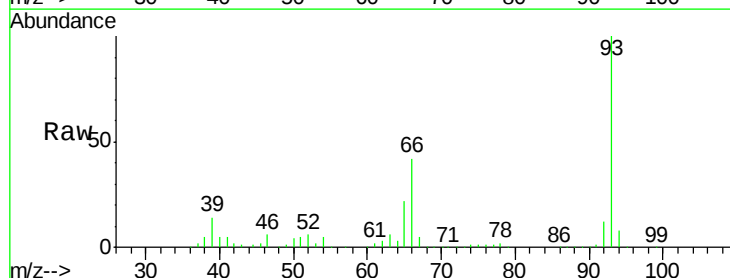
Tgt Ion: 93 Resp: 1175291

Ion Ratio Lower Upper

93 100

66 42.0 34.9 52.3

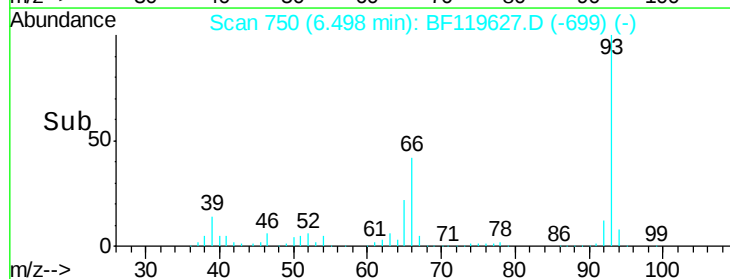
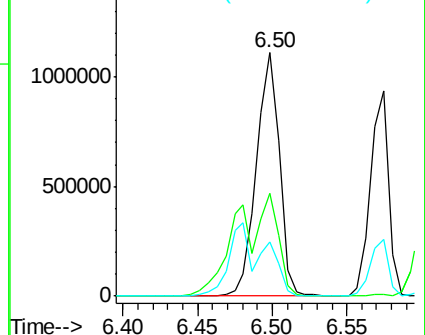
65 22.4 18.6 27.8

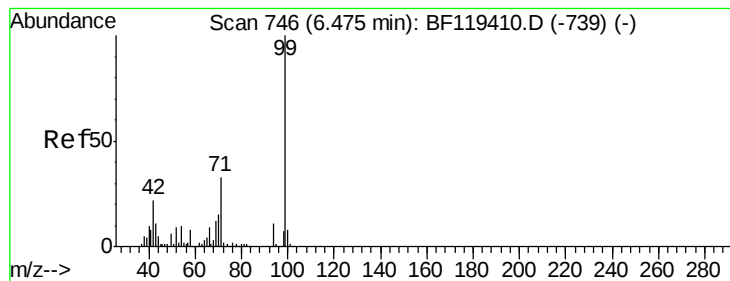


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 76.82 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF119627.D

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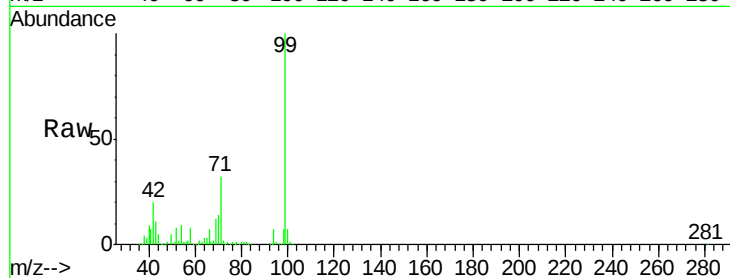
Tgt Ion: 99 Resp: 1769785

Ion Ratio Lower Upper

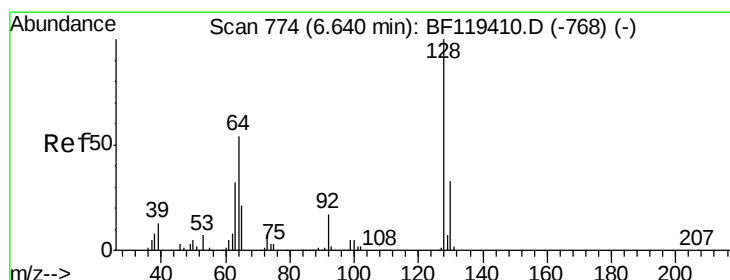
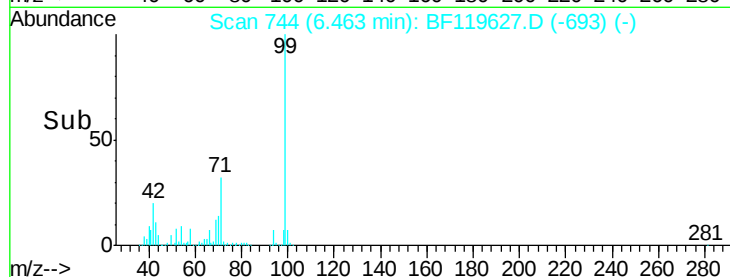
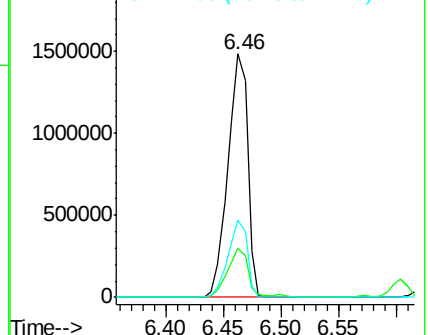
99 100

42 20.3 16.6 24.8

71 31.5 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.69 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

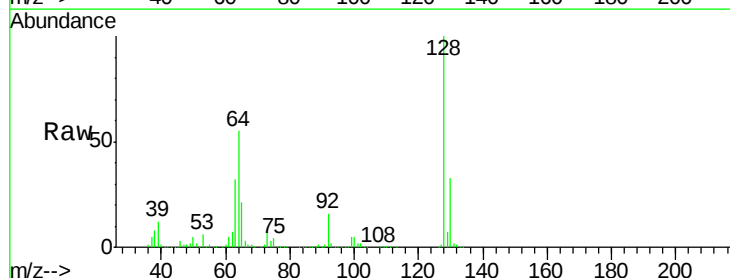
Tgt Ion: 128 Resp: 751794

Ion Ratio Lower Upper

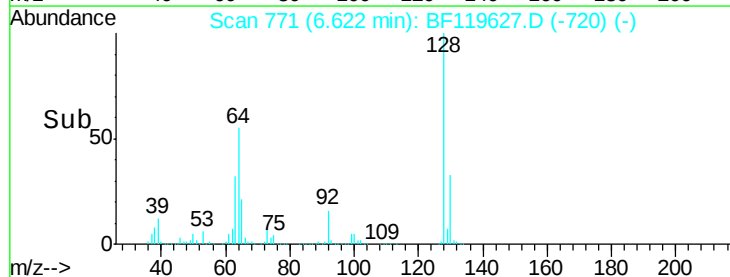
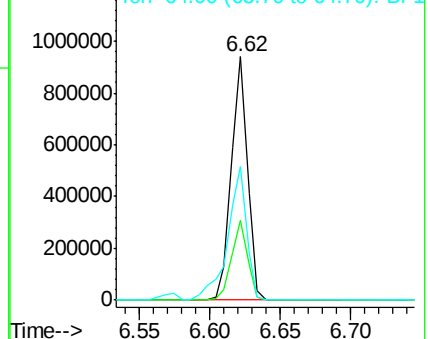
128 100

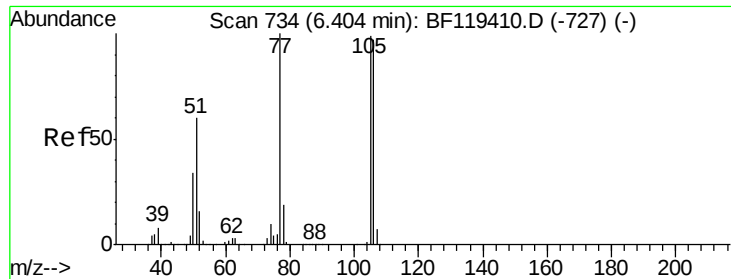
130 33.0 12.6 52.6

64 54.7 35.3 75.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 36.81 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

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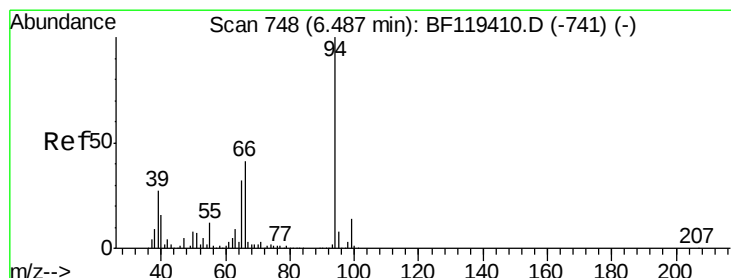
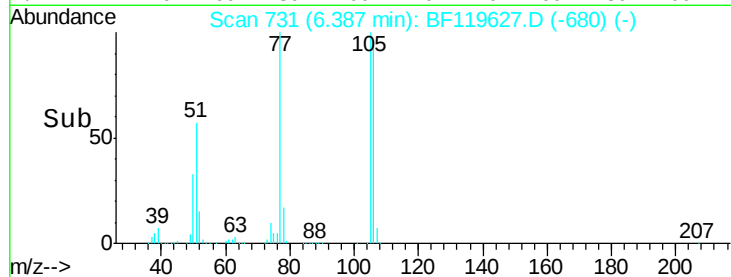
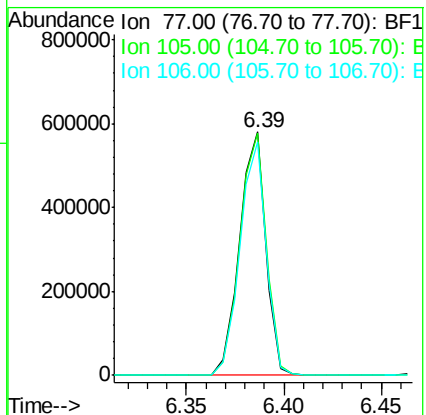
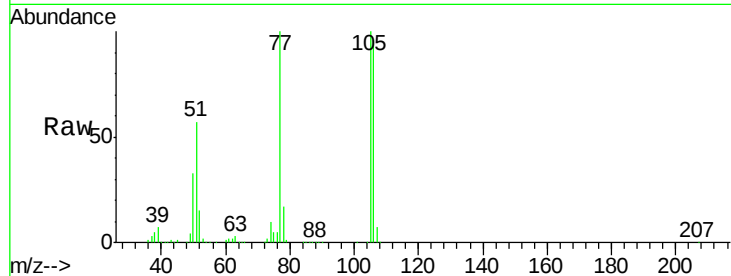
Tgt Ion: 77 Resp: 538056

Ion Ratio Lower Upper

77 100

105 99.7 80.9 120.9

106 95.8 77.9 117.9



#10

Phenol

Concen: 41.49 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

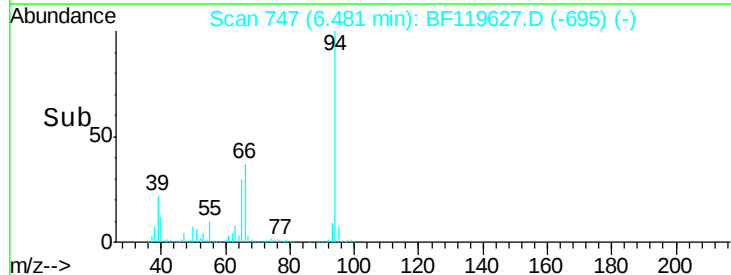
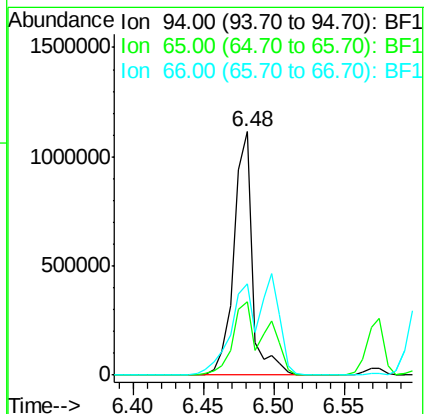
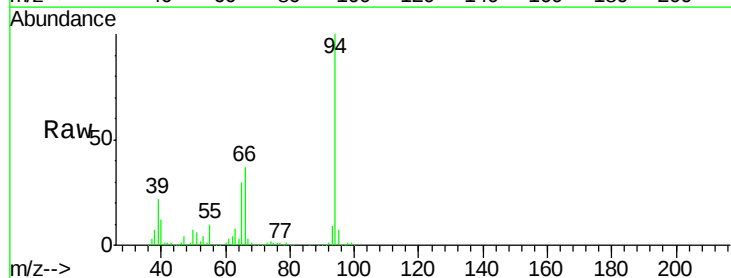
Tgt Ion: 94 Resp: 1019921

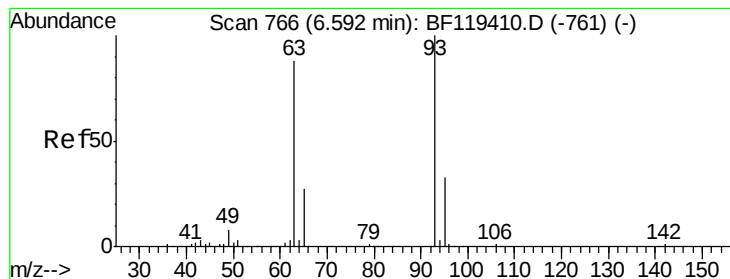
Ion Ratio Lower Upper

94 100

65 30.0 13.2 53.2

66 37.4 22.3 62.3





#11

bis(2-Chloroethyl)ether

Concen: 39.44 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.00 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

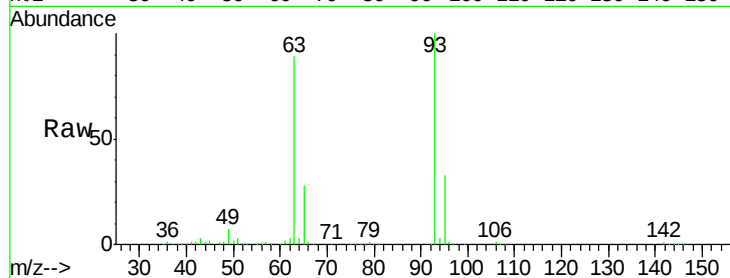
Tgt Ion: 93 Resp: 775399

Ion Ratio Lower Upper

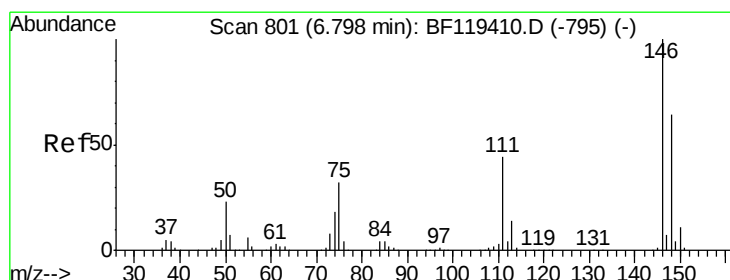
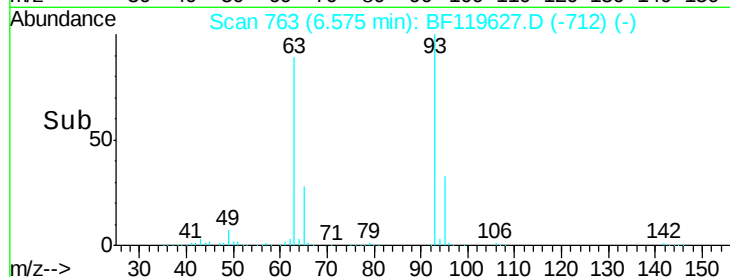
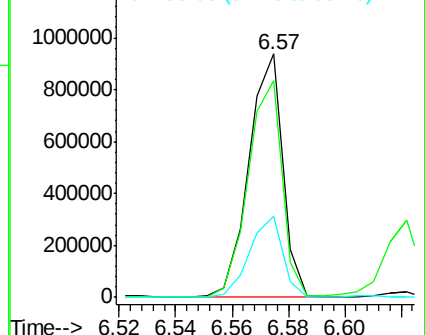
93 100

63 89.1 70.2 110.2

95 33.3 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.37 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.00 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

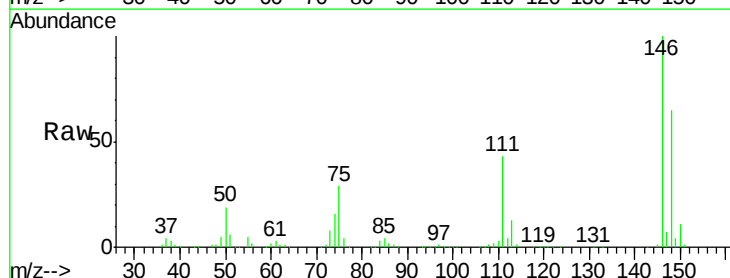
Tgt Ion: 146 Resp: 807145

Ion Ratio Lower Upper

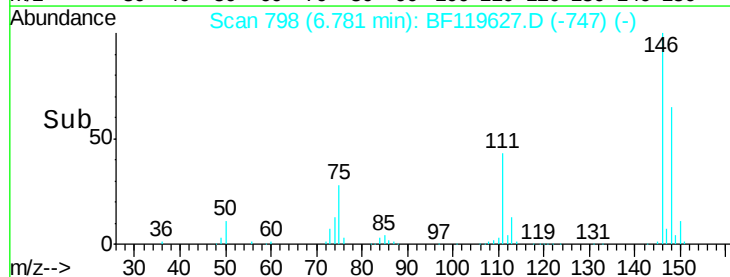
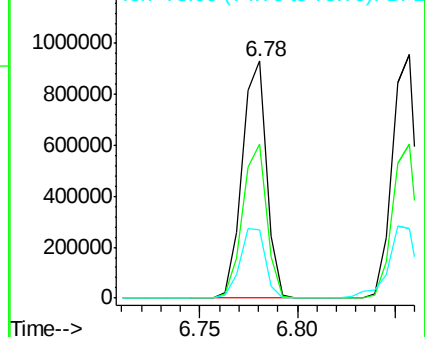
146 100

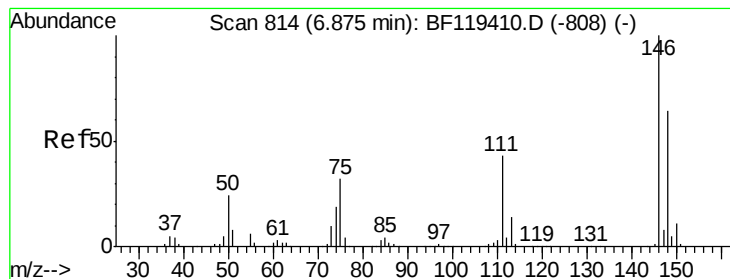
148 64.8 52.2 78.4

75 29.0 23.0 34.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 39.83 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

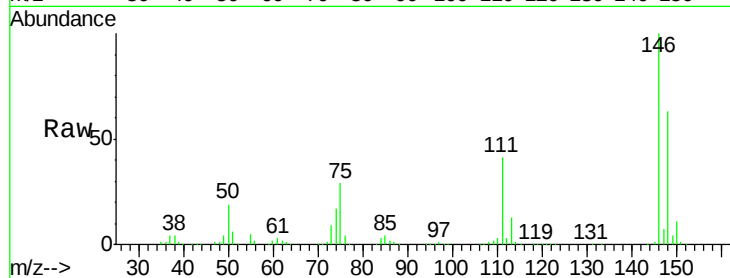
Tgt Ion:146 Resp: 816841

Ion Ratio Lower Upper

146 100

148 63.3 51.5 77.3

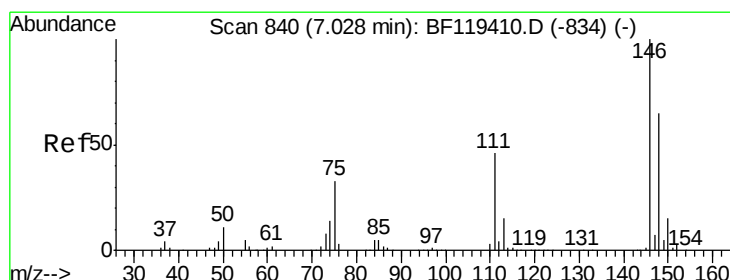
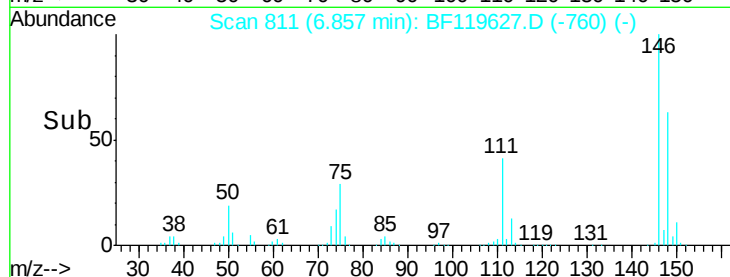
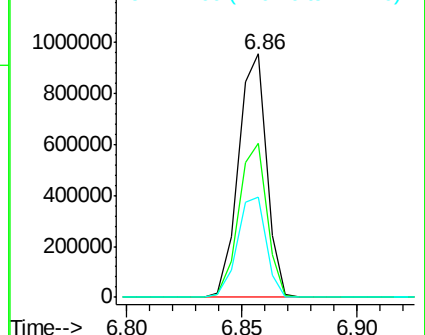
111 41.1 33.3 49.9



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.71 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

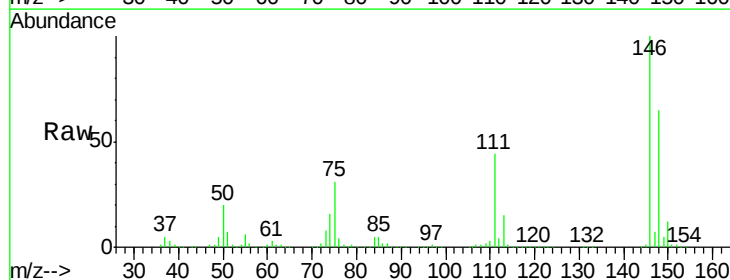
Tgt Ion:146 Resp: 722737

Ion Ratio Lower Upper

146 100

148 64.5 50.6 75.8

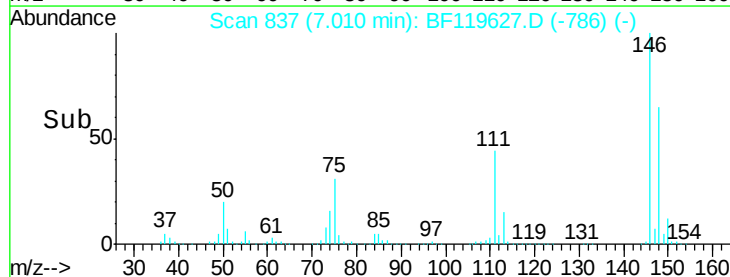
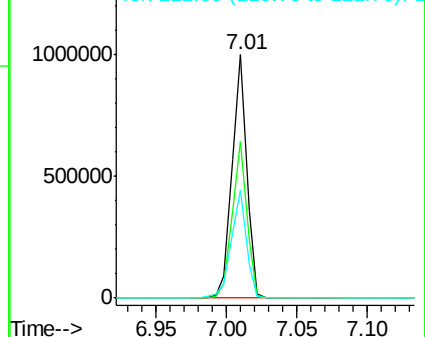
111 44.5 36.1 54.1

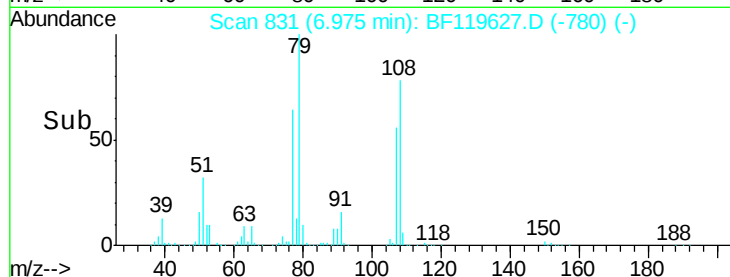
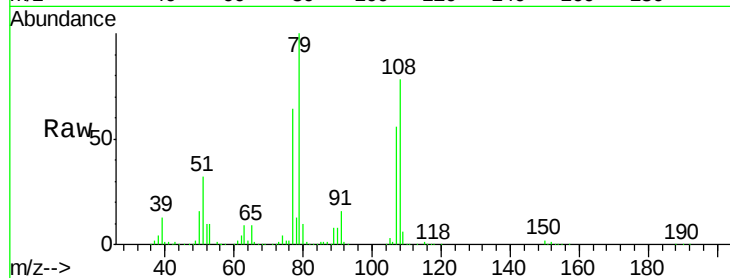
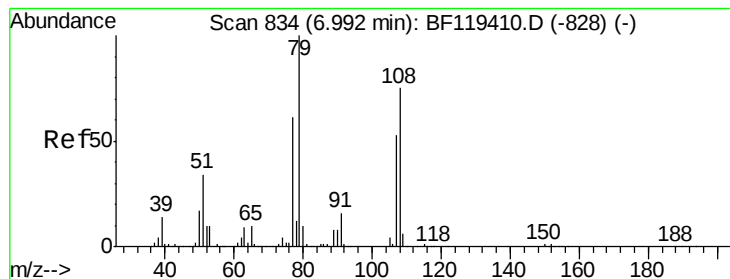


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.74 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

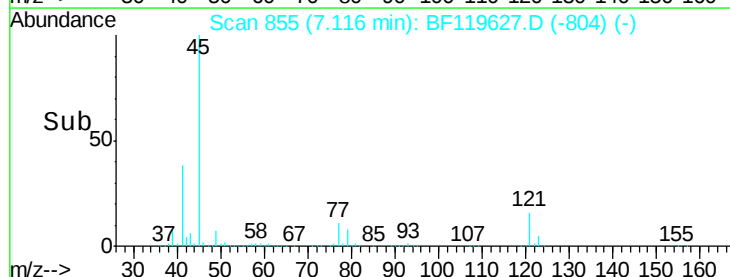
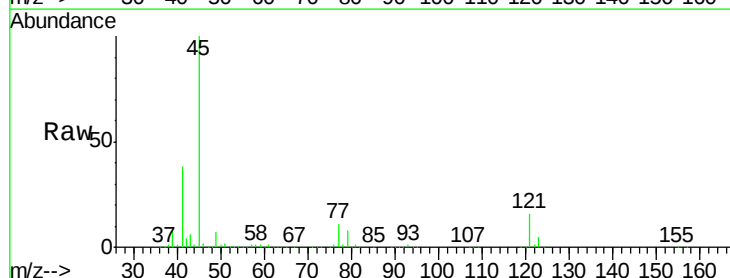
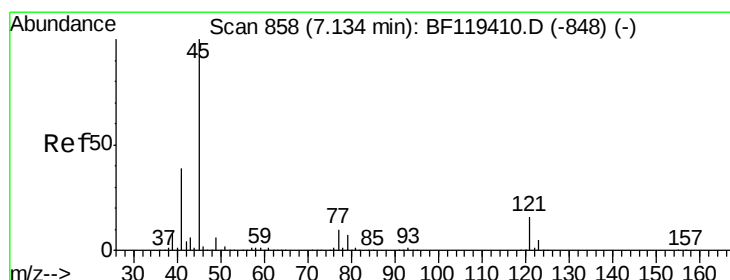
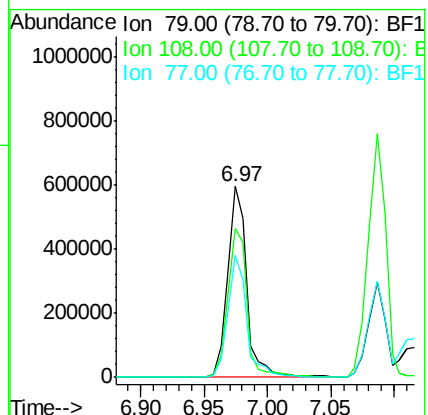
Tgt Ion: 79 Resp: 619385

Ion Ratio Lower Upper

79 100

108 78.2 60.6 90.8

77 63.6 50.2 75.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.01 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

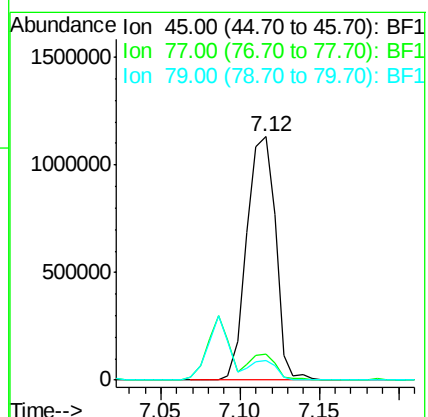
Tgt Ion: 45 Resp: 1428191

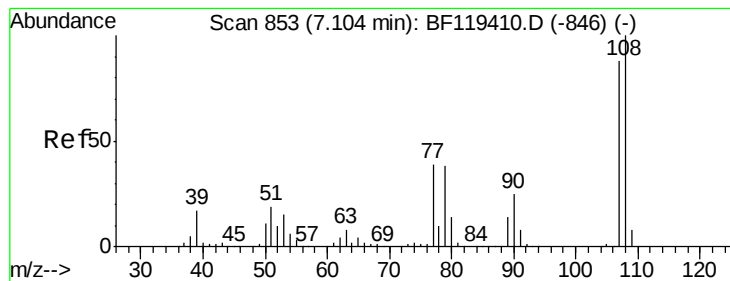
Ion Ratio Lower Upper

45 100

77 10.6 0.0 30.7

79 8.2 0.0 28.2





#17

2-Methylphenol

Concen: 36.09 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:107 Resp: 626292

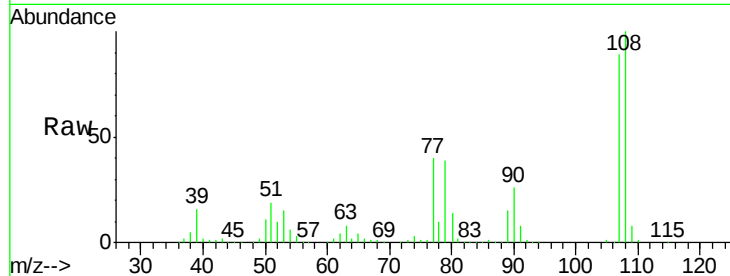
Ion Ratio Lower Upper

107 100

108 112.5 92.2 138.4

77 44.7 36.6 54.8

79 44.0 36.2 54.4

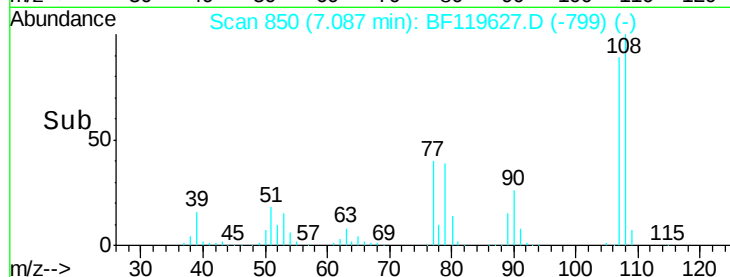


Abundance Ion 107.00 (106.70 to 107.70): E

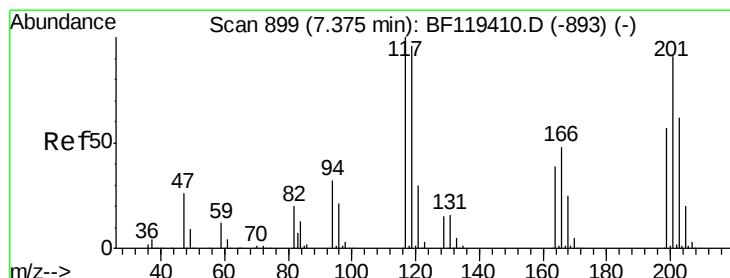
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#18

Hexachloroethane

Concen: 29.97 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.00 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

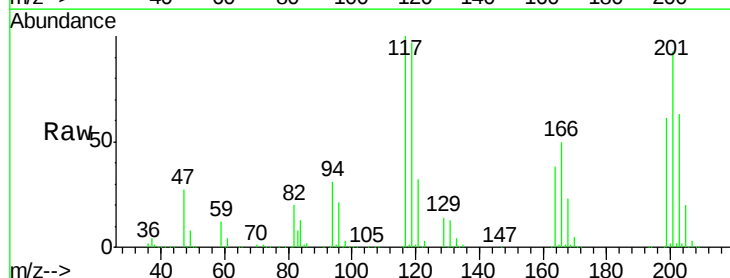
Tgt Ion:117 Resp: 225227

Ion Ratio Lower Upper

117 100

119 97.1 76.1 114.1

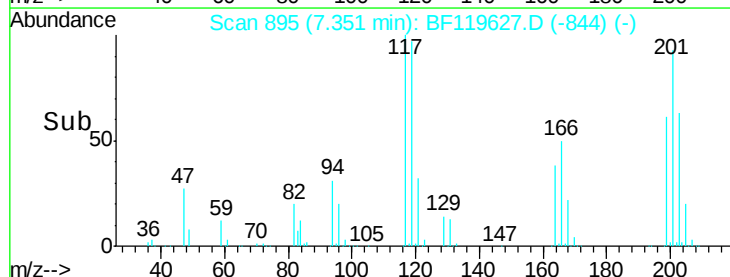
201 92.7 73.0 109.6



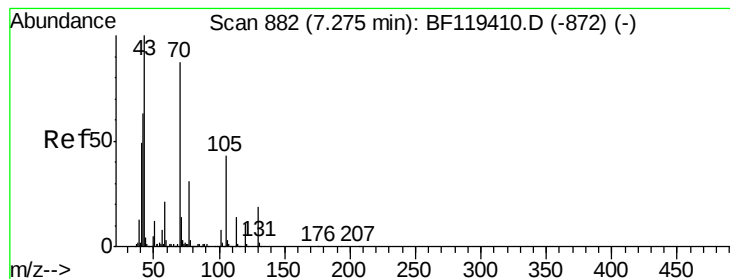
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 35.33 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 70 Resp: 490597

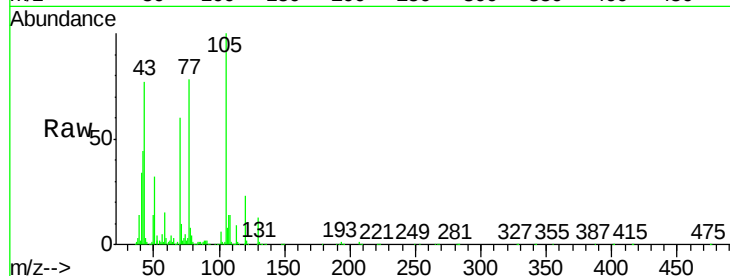
Ion Ratio Lower Upper

70 100

42 72.2 54.5 81.7

101 9.7 7.6 11.4

130 21.6 17.6 26.4

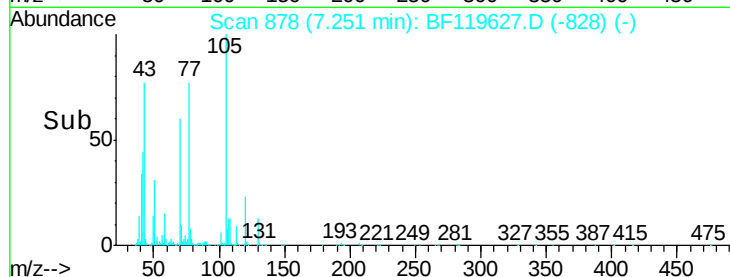


Abundance Ion 70.00 (69.70 to 70.70): BF1

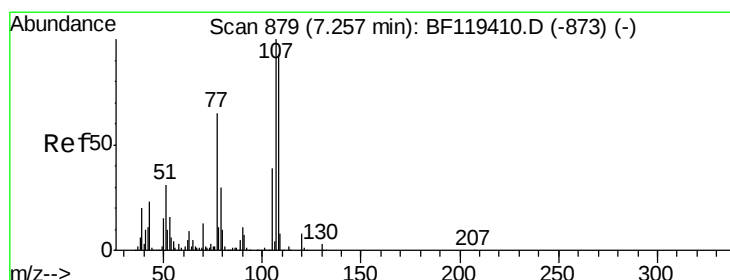
Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



Time-->



#20

3+4-Methylphenols

Concen: 36.06 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.00 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

Tgt Ion: 107 Resp: 766978

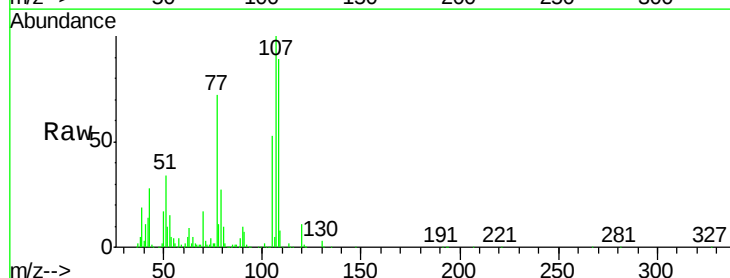
Ion Ratio Lower Upper

107 100

108 88.6 67.9 107.9

77 72.5 52.9 92.9

79 26.6 7.7 47.7

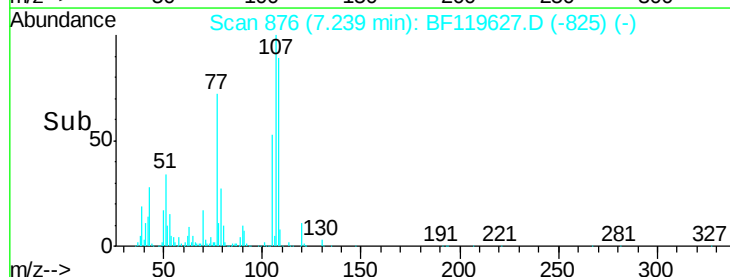


Abundance Ion 107.00 (106.70 to 107.70): BF1

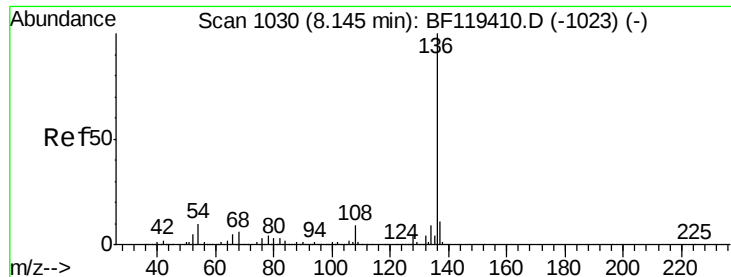
Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



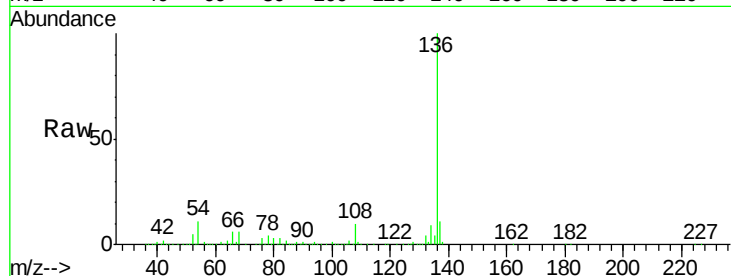
Time-->



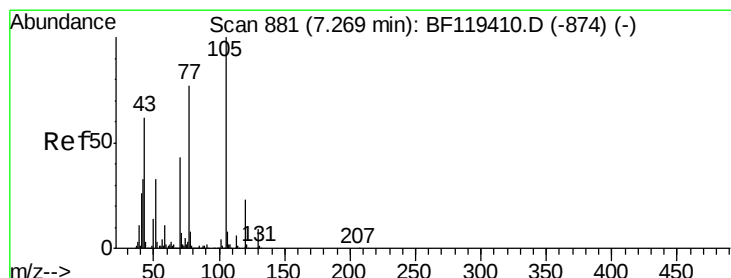
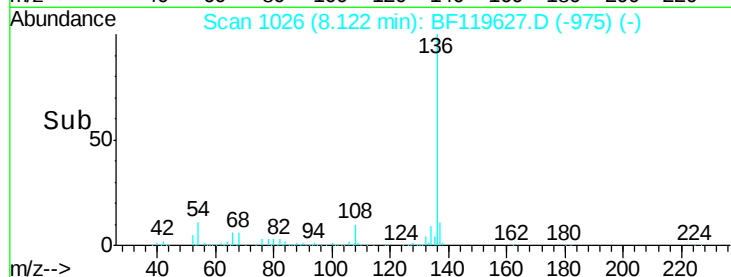
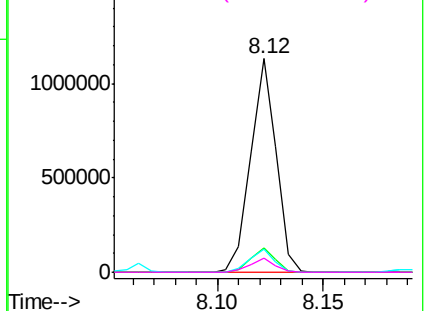
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF119627.D
Acq: 28 Mar 2020 20:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	136	Resp:	948339
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.7	13.1
54	11.0	9.1	13.7
68	6.4	4.6	6.8

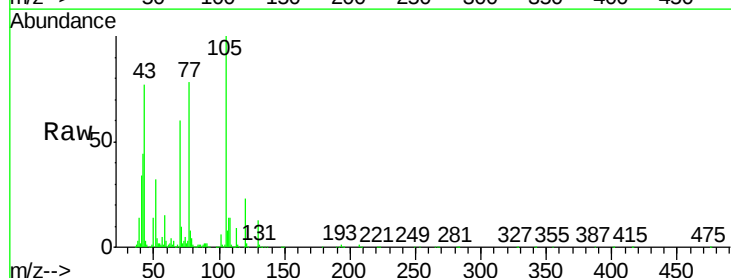


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

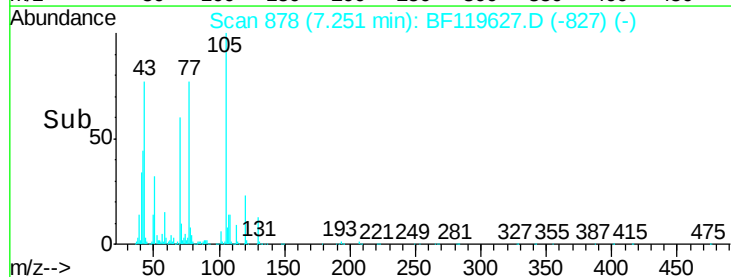
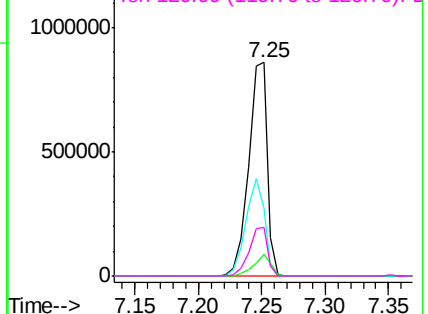


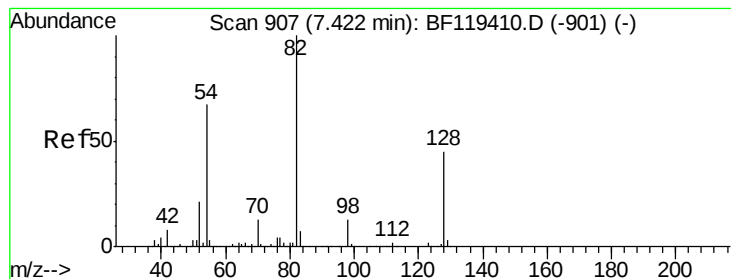
#22
Acetophenone
Concen: 38.91 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF119627.D
Acq: 28 Mar 2020 20:02

Tgt Ion:	105	Resp:	881782
Ion Ratio	Lower	Upper	
105	100		
71	10.1	5.7	8.5#
51	31.7	26.2	39.4
120	22.7	18.3	27.5



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: 83.15 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.00 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

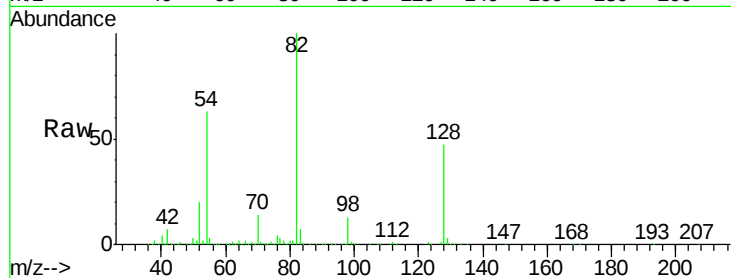
Tgt Ion: 82 Resp: 1450906

Ion Ratio Lower Upper

82 100

128 46.5 36.3 54.5

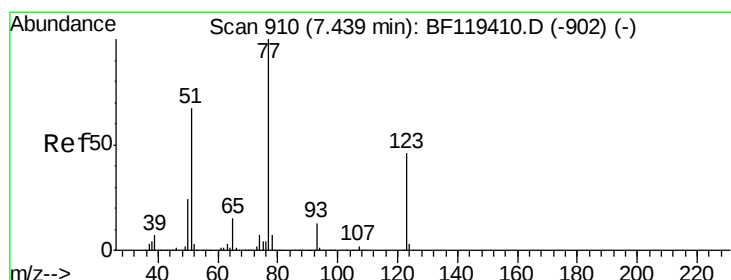
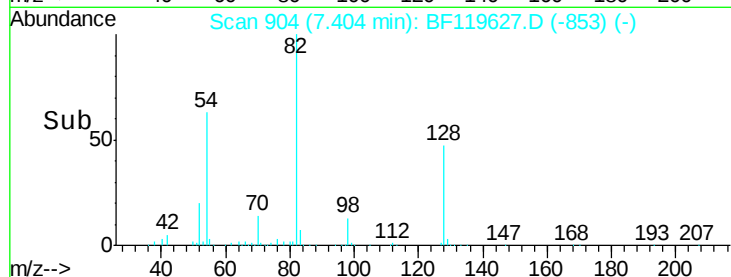
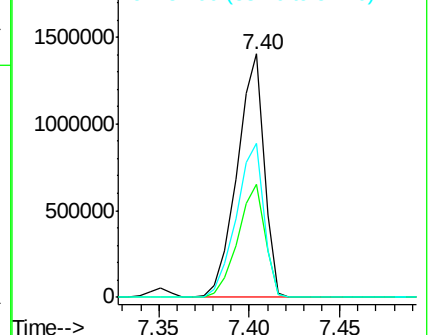
54 63.2 50.6 75.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 40.31 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

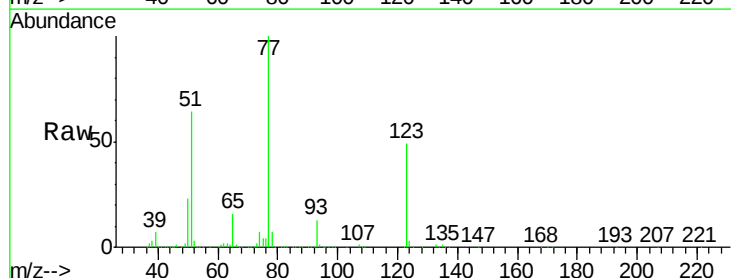
Tgt Ion: 77 Resp: 751676

Ion Ratio Lower Upper

77 100

123 49.5 38.0 57.0

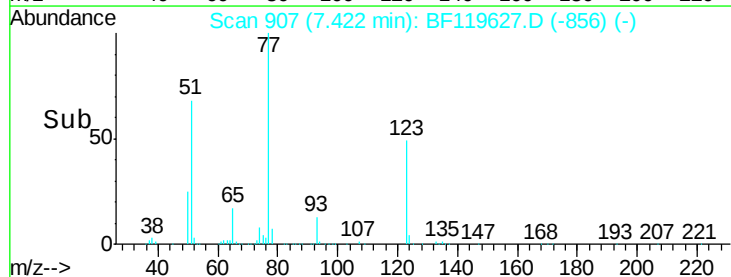
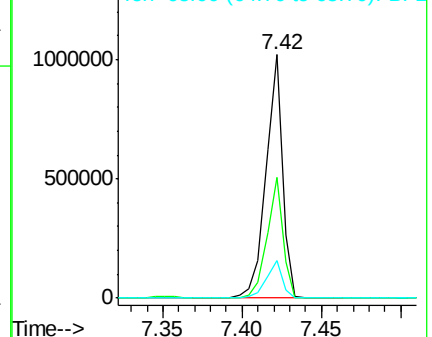
65 15.5 12.6 18.8

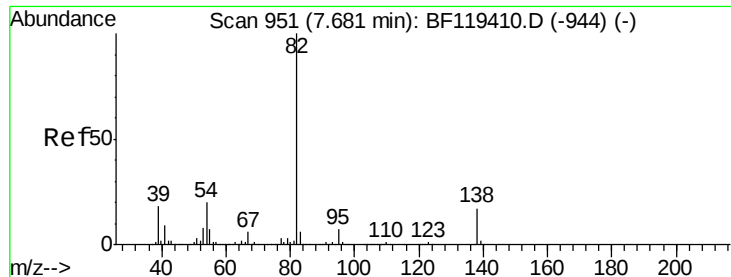


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.42 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

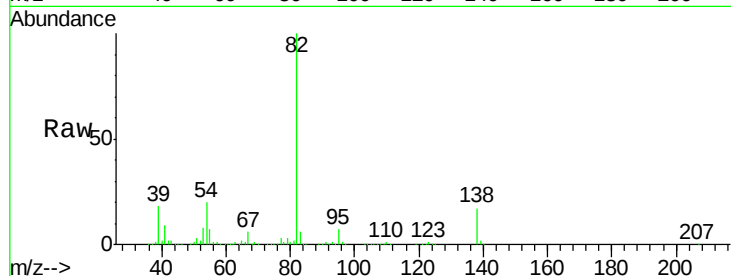
Tgt Ion: 82 Resp: 1359952

Ion Ratio Lower Upper

82 100

95 6.8 5.8 8.6

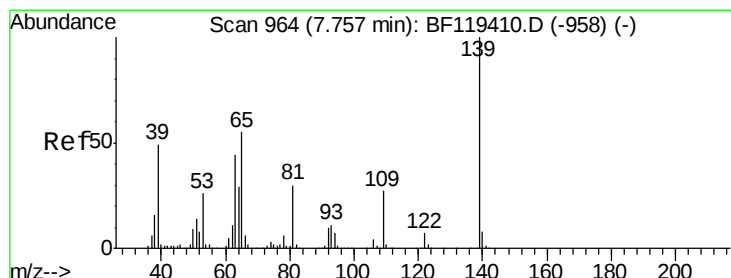
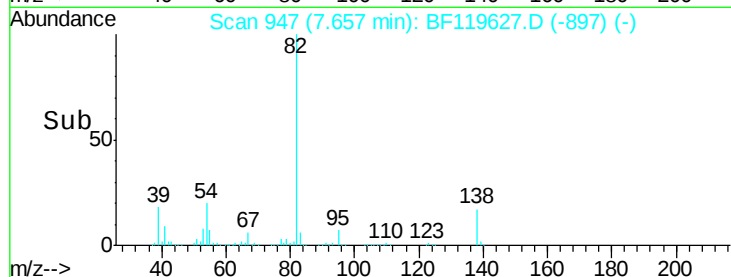
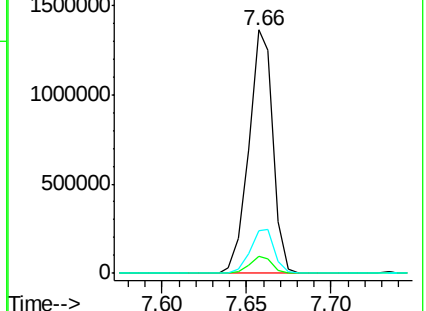
138 17.4 14.6 21.8



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: 42.01 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

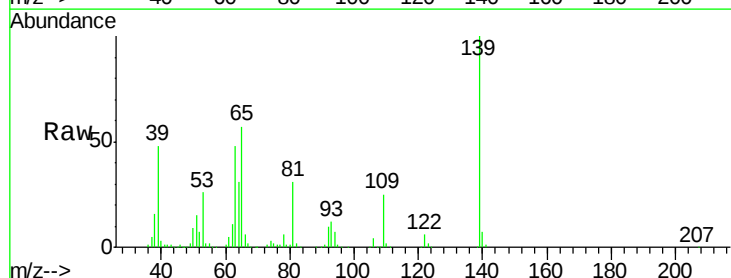
Tgt Ion: 139 Resp: 308440

Ion Ratio Lower Upper

139 100

109 25.0 22.1 33.1

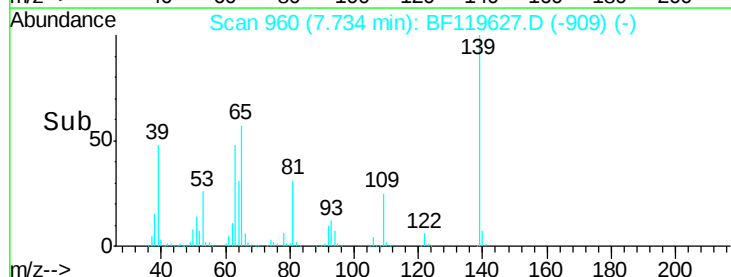
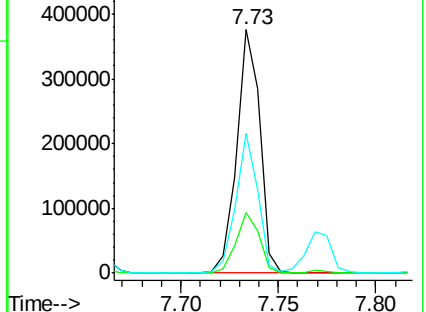
65 57.3 49.2 73.8

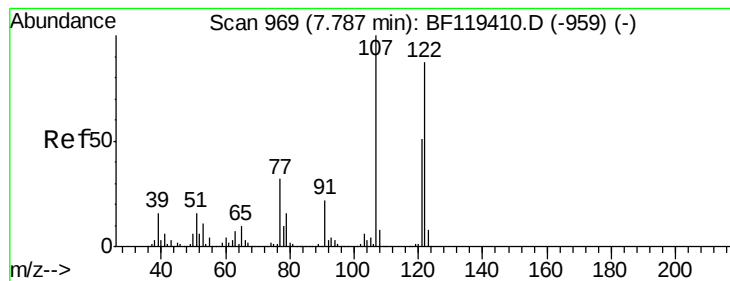


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 35.24 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

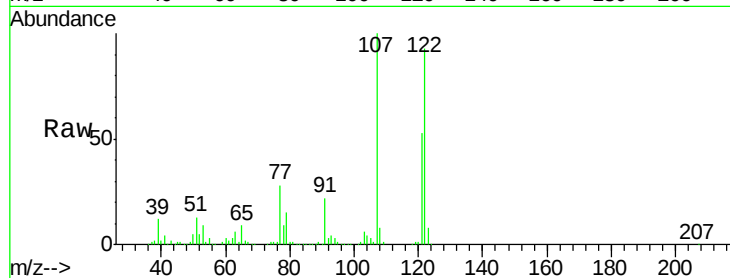
Tgt Ion:122 Resp: 535035

Ion Ratio Lower Upper

122 100

107 107.3 89.0 133.6

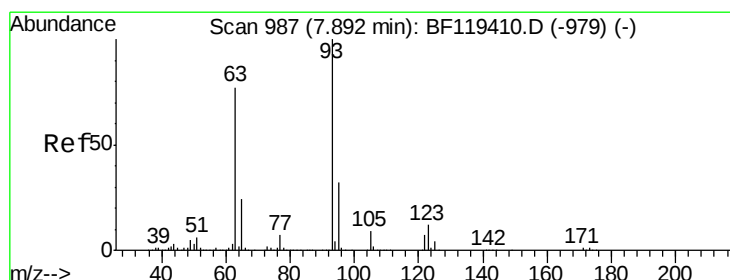
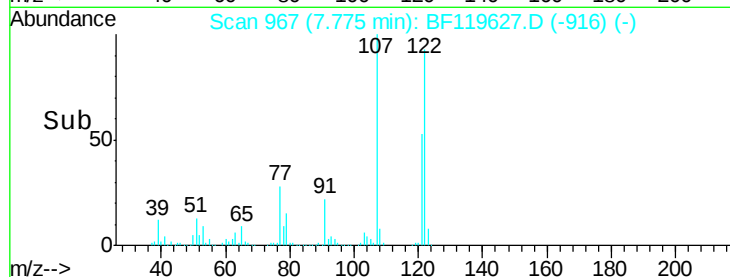
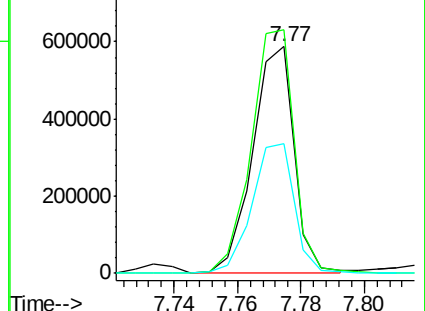
121 57.0 46.7 70.1



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: 39.87 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

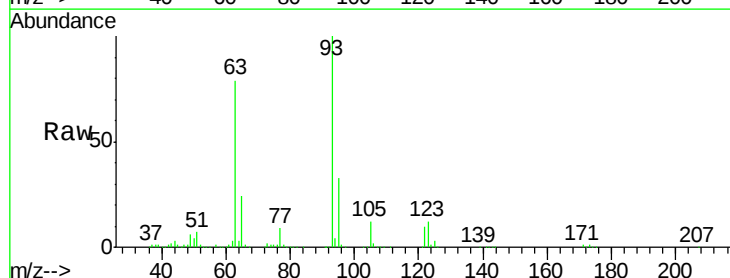
Tgt Ion: 93 Resp: 834449

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

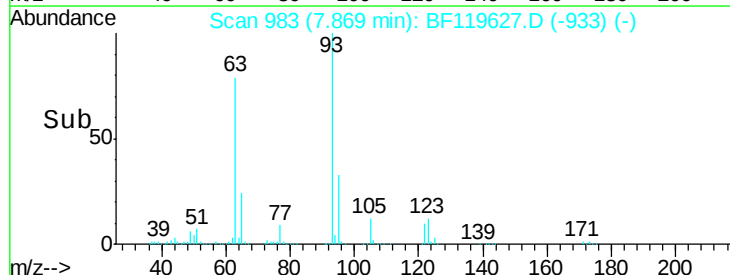
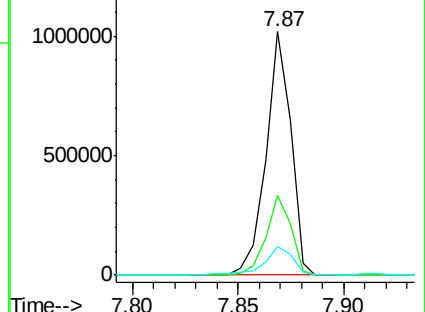
123 11.9 9.7 14.5

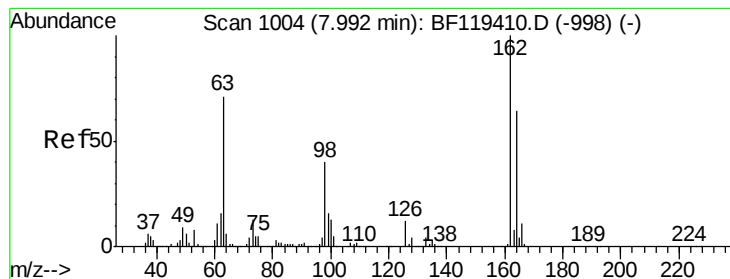


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 38.55 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

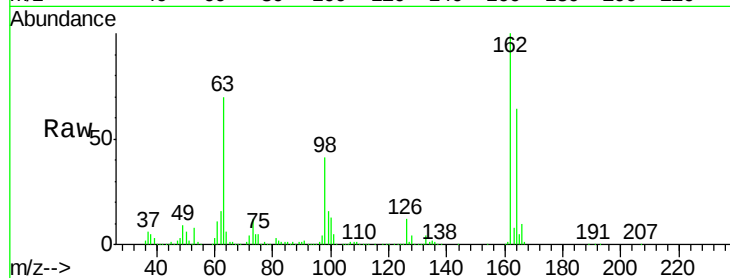
Tgt Ion:162 Resp: 537792

Ion Ratio Lower Upper

162 100

164 63.6 44.7 84.7

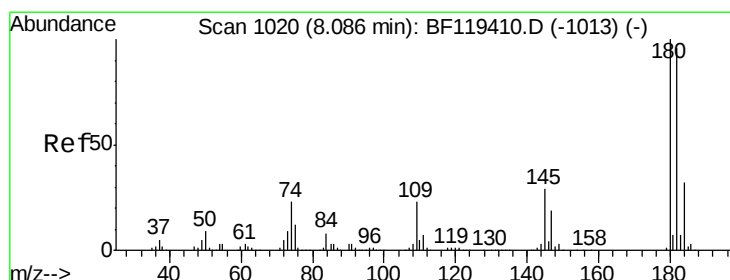
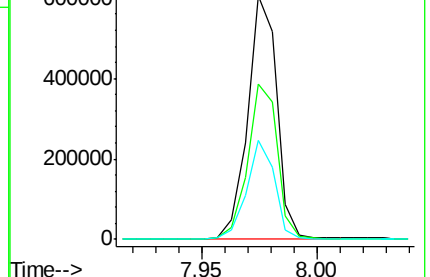
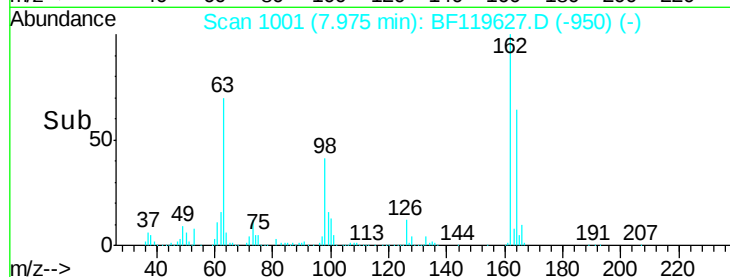
98 40.6 20.7 60.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 39.68 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

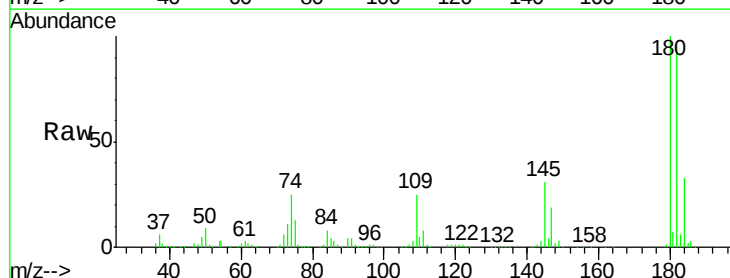
Tgt Ion:180 Resp: 612141

Ion Ratio Lower Upper

180 100

182 95.9 74.7 112.1

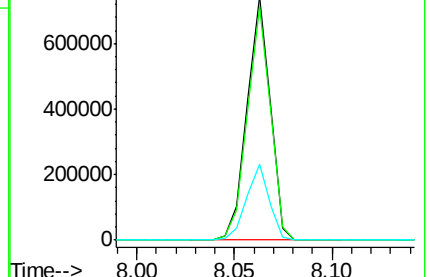
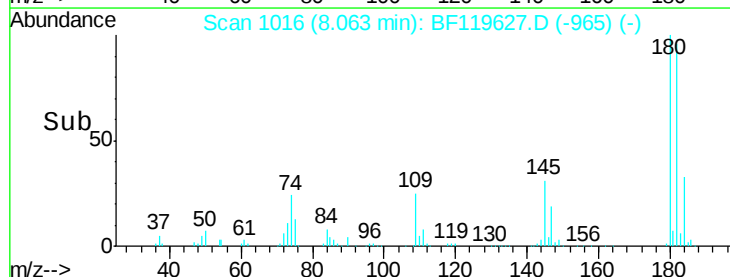
145 31.1 24.5 36.7

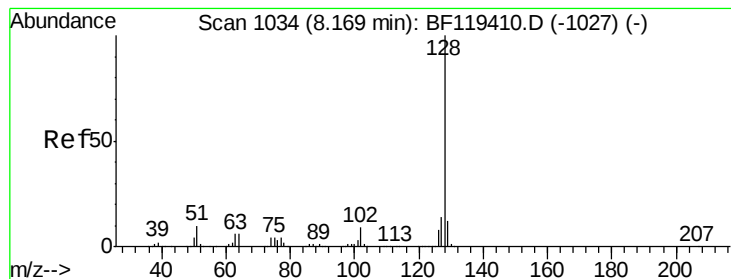


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.18 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

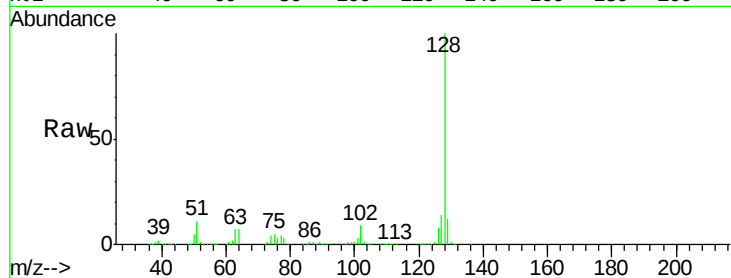
Tgt Ion:128 Resp: 1912024

Ion Ratio Lower Upper

128 100

129 11.9 9.5 14.3

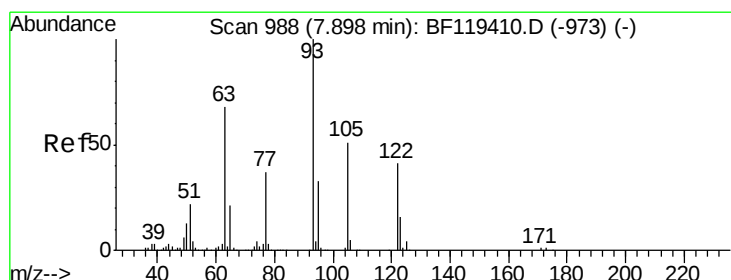
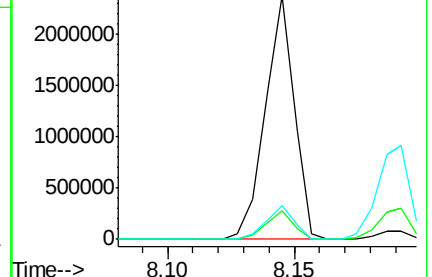
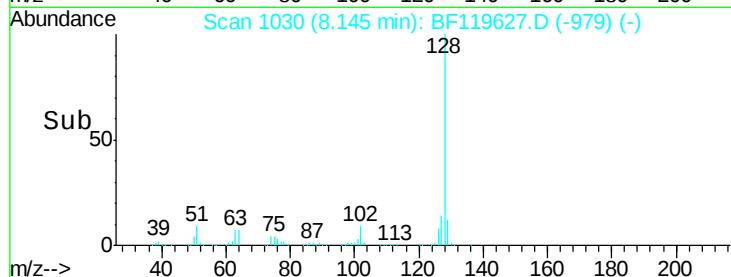
127 13.8 11.3 16.9



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: 7.95 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.02 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

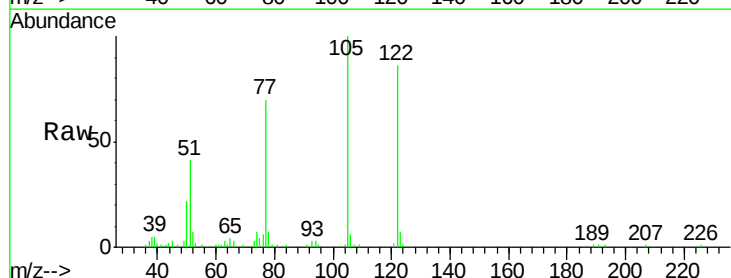
Tgt Ion:122 Resp: 77609

Ion Ratio Lower Upper

122 100

105 116.9 104.9 144.9

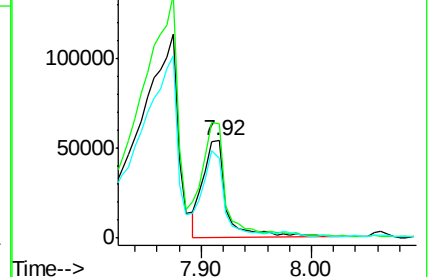
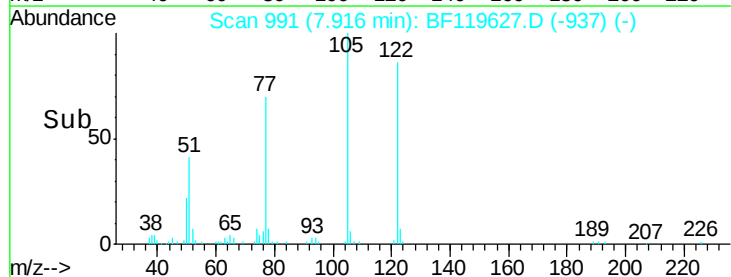
77 82.2 74.4 114.4

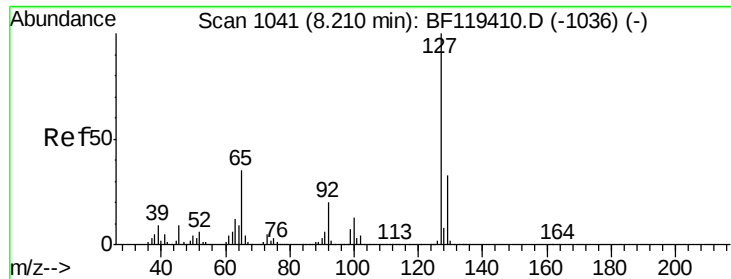


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

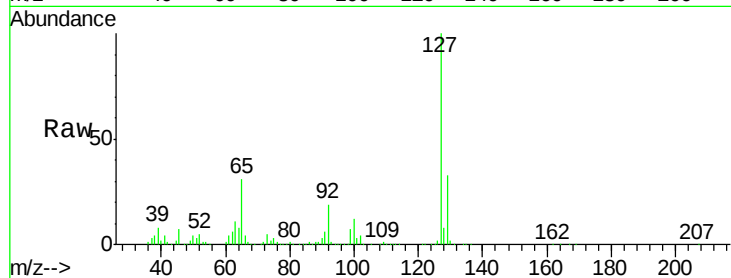




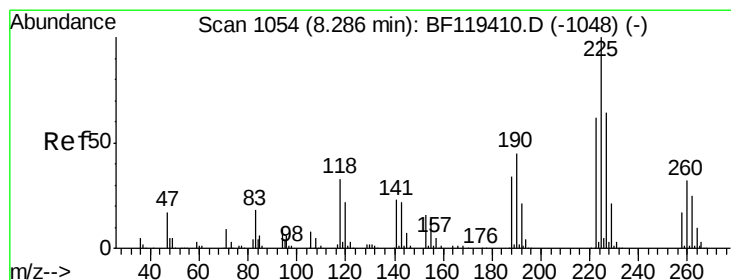
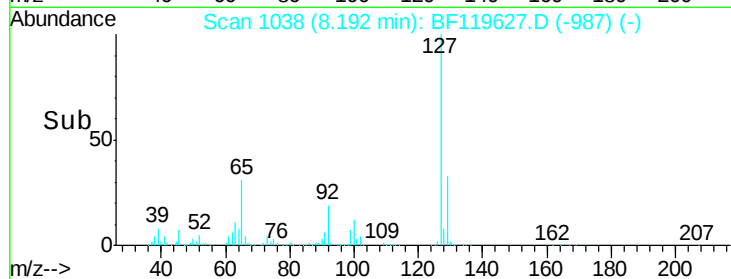
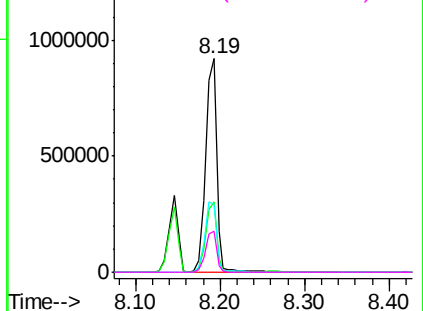
#33
4-Chloroaniline
Concen: 37.42 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF119627.D
Acq: 28 Mar 2020 20:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	127	Resp:	836811
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.2	39.4
65	31.5	27.4	41.0
92	19.0	15.3	22.9

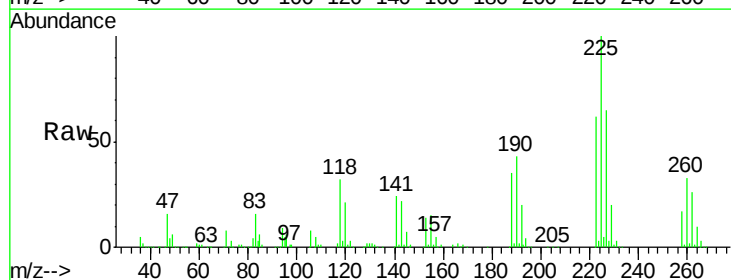


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

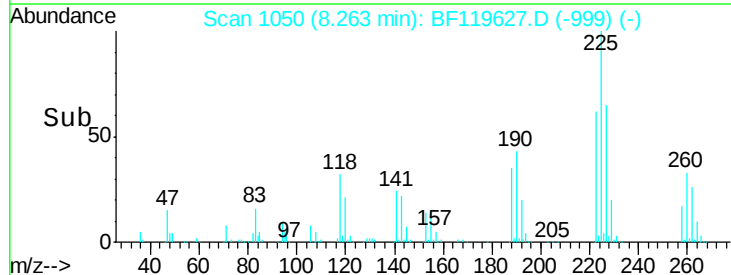
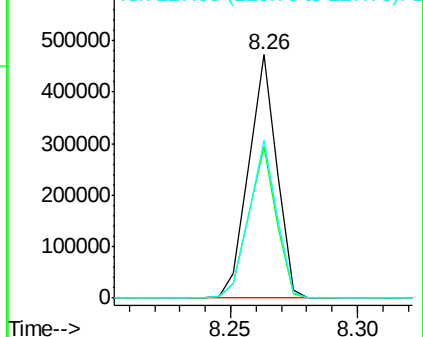


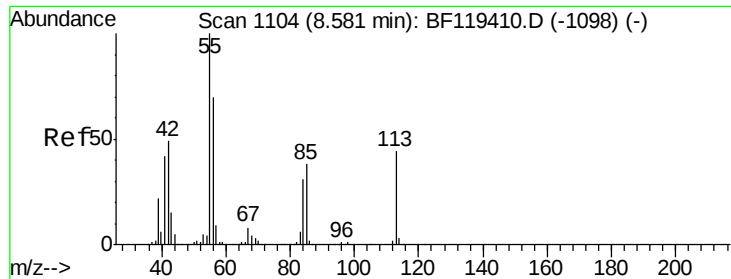
#34
Hexachlorobutadiene
Concen: 42.36 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF119627.D
Acq: 28 Mar 2020 20:02

Tgt Ion:	225	Resp:	365670
Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.0	76.6
227	64.7	50.7	76.1



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

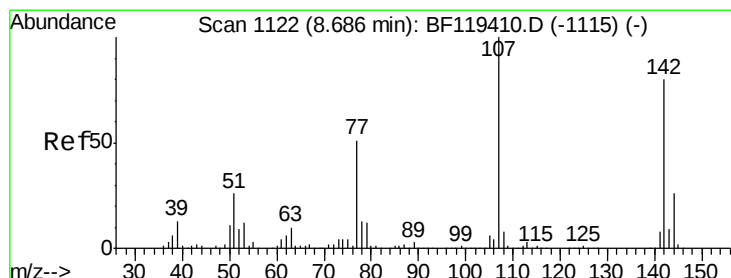
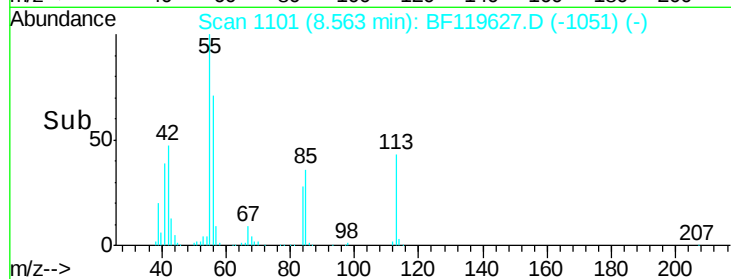
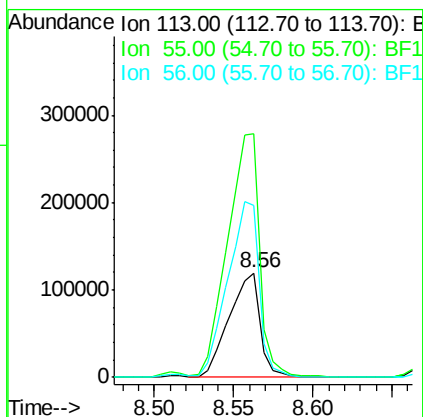
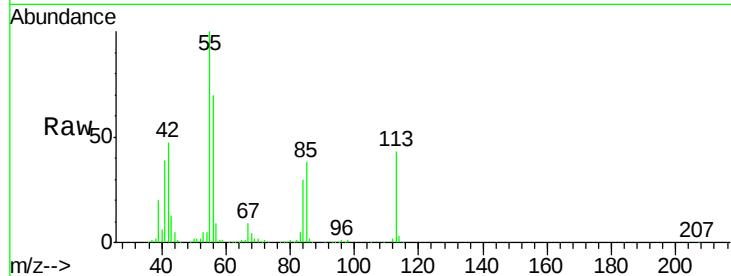




#35
 Caprolactam
 Concen: 35.53 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: BF119627.D
 Acq: 28 Mar 2020 20:02

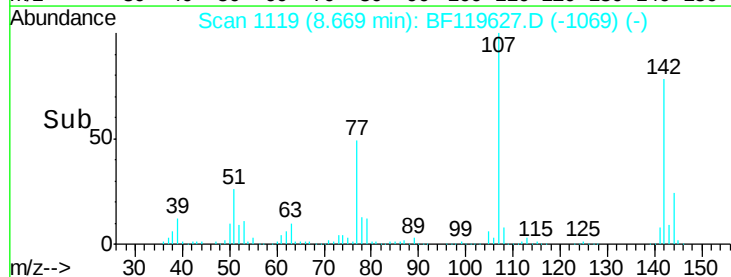
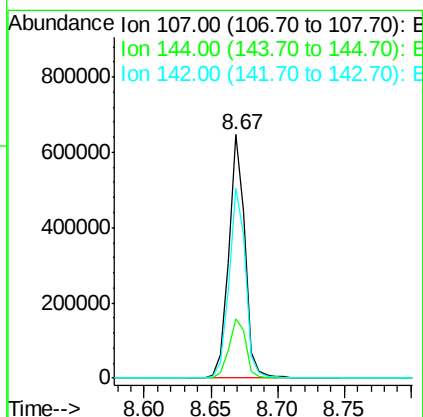
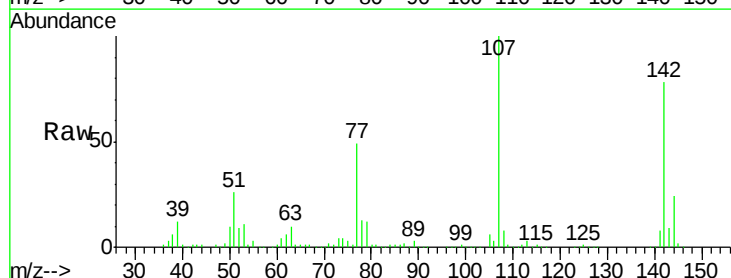
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

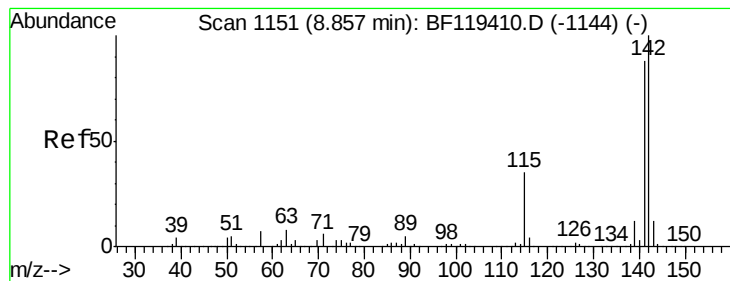
Tgt Ion:113 Resp: 162192
 Ion Ratio Lower Upper
 113 100
 55 232.9 218.4 258.4
 56 163.9 148.9 188.9



#36
 4-Chloro-3-methylphenol
 Concen: 36.46 ng
 RT: 8.67 min Scan# 1119
 Delta R.T. -0.01 min
 Lab File: BF119627.D
 Acq: 28 Mar 2020 20:02

Tgt Ion:107 Resp: 555866
 Ion Ratio Lower Upper
 107 100
 144 24.3 21.0 31.6
 142 78.1 64.4 96.6





#37

2-Methylnaphthalene

Concen: 37.81 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

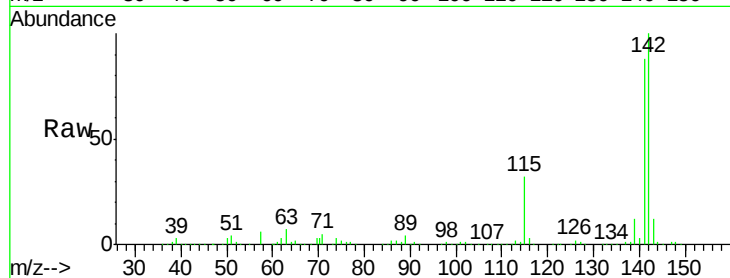
Tgt Ion:142 Resp: 1211066

Ion Ratio Lower Upper

142 100

141 88.1 71.7 107.5

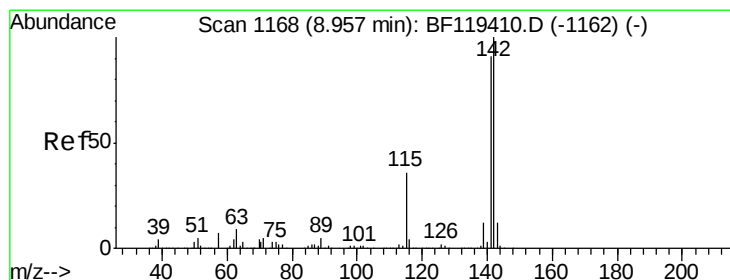
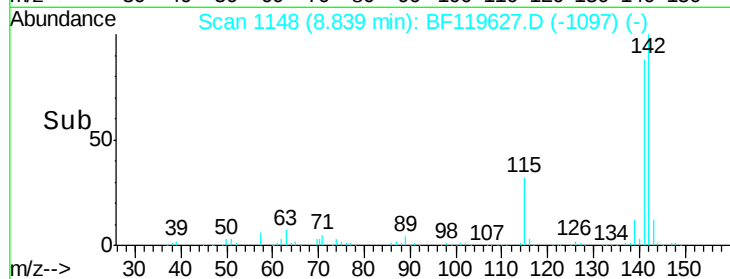
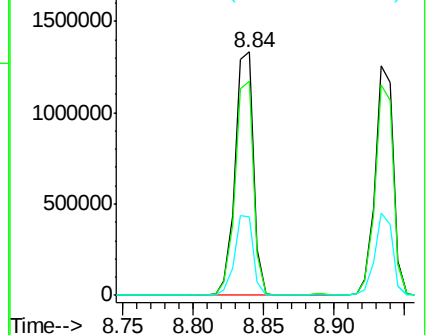
115 32.3 27.9 41.9



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: 37.00 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

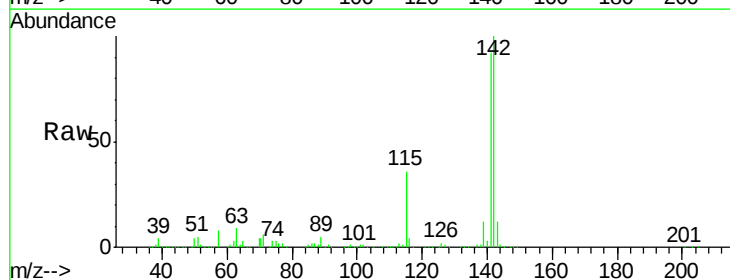
Tgt Ion:142 Resp: 1121695

Ion Ratio Lower Upper

142 100

141 91.6 73.7 110.5

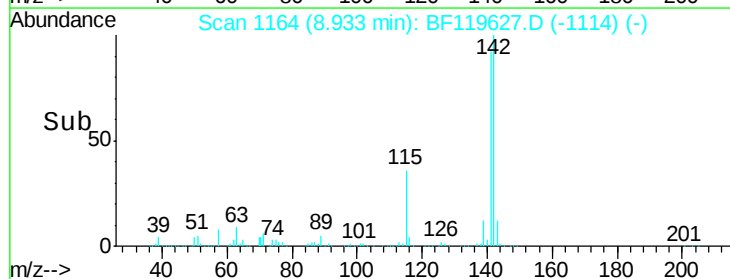
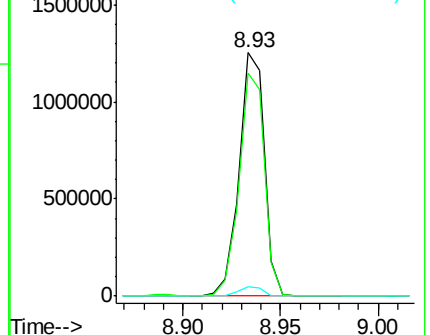
116 3.7 3.0 4.6

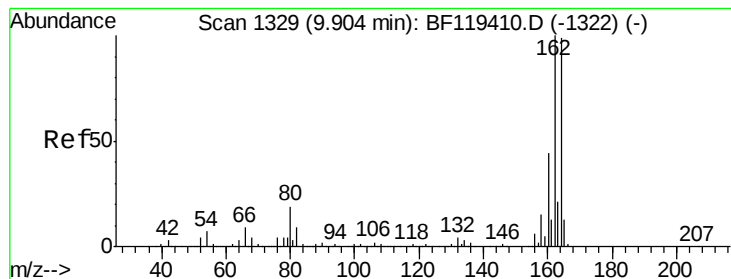


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

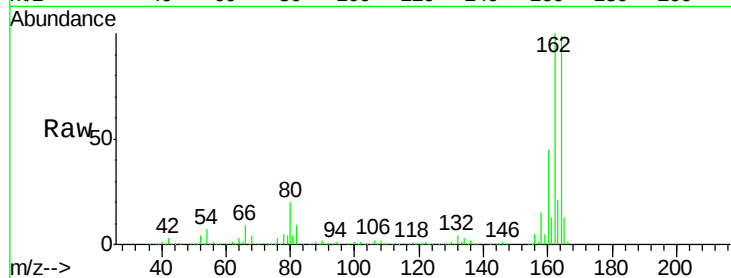
Tgt Ion:164 Resp: 405941

Ion Ratio Lower Upper

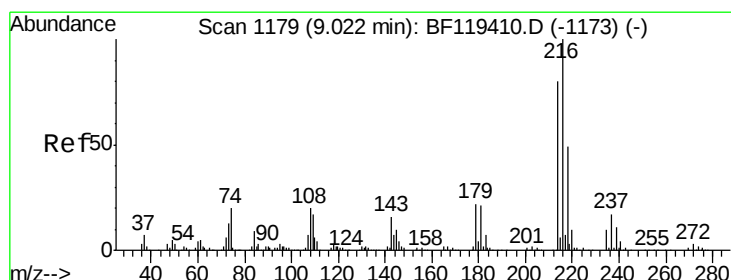
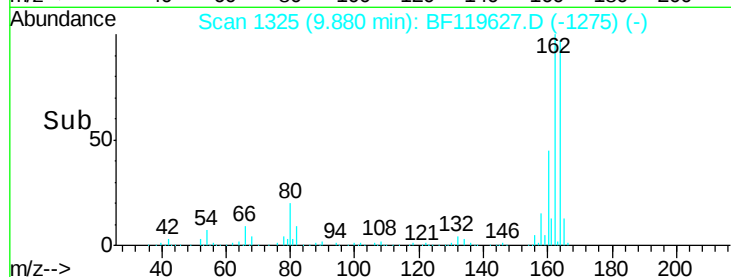
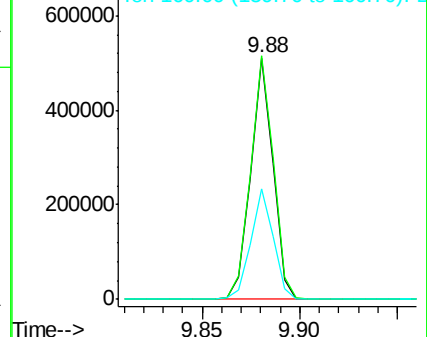
164 100

162 100.8 80.6 121.0

160 45.6 35.7 53.5



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: 45.99 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

Tgt Ion:216 Resp: 547233

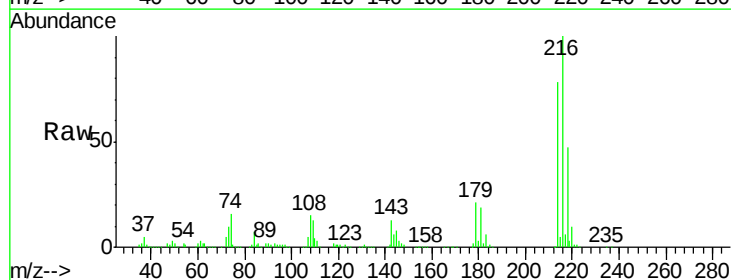
Ion Ratio Lower Upper

216 100

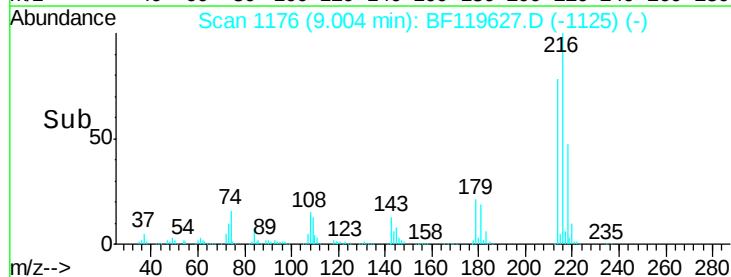
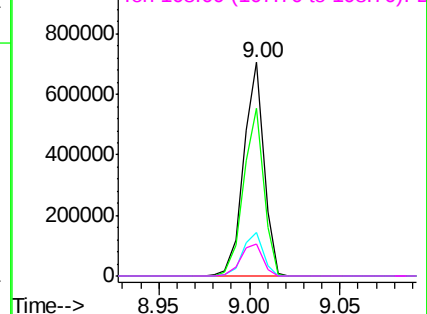
214 78.6 63.2 94.8

179 20.9 17.1 25.7

108 16.8 15.1 22.7



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: 4.72 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

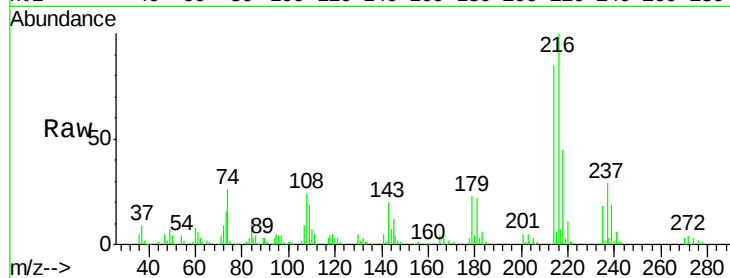
Tgt Ion: 237 Resp: 31909

Ion Ratio Lower Upper

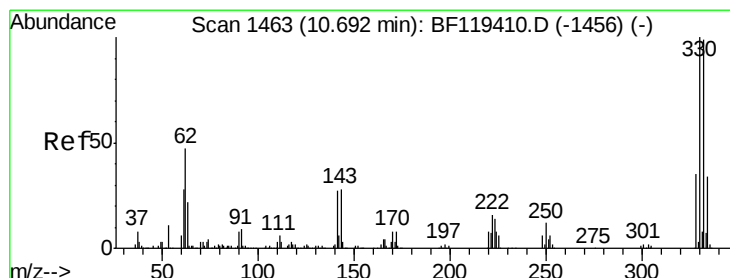
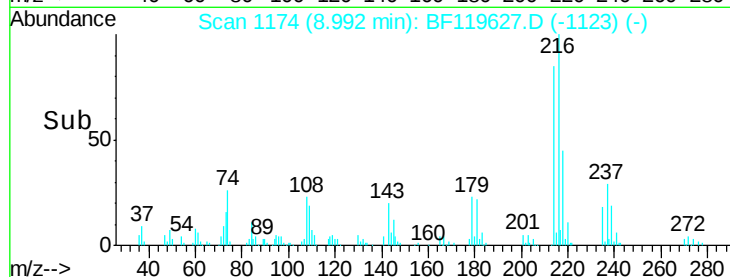
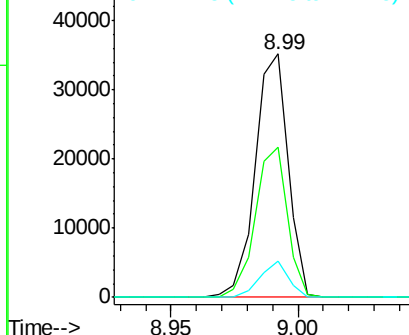
237 100

235 61.6 43.2 83.2

272 15.0 0.0 34.1



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 74.98 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

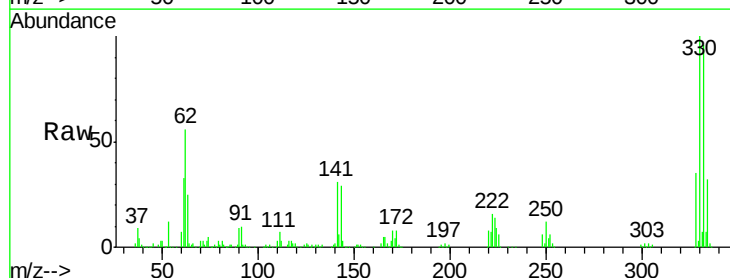
Tgt Ion: 330 Resp: 314024

Ion Ratio Lower Upper

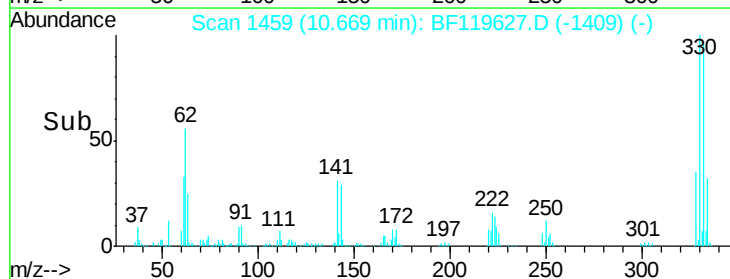
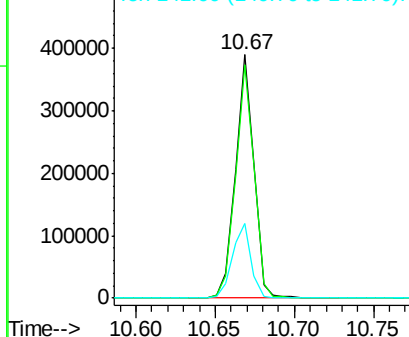
330 100

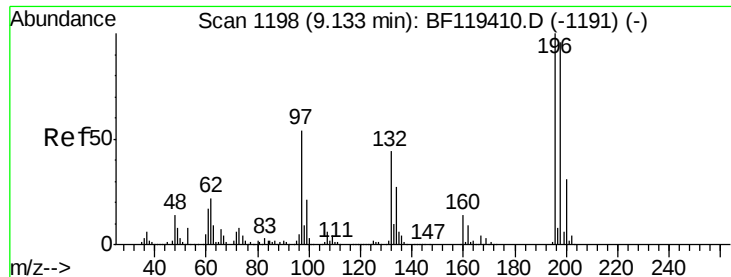
332 96.9 75.7 113.5

141 31.0 25.4 38.0



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

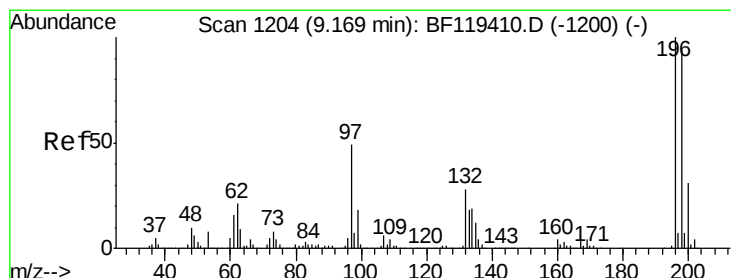
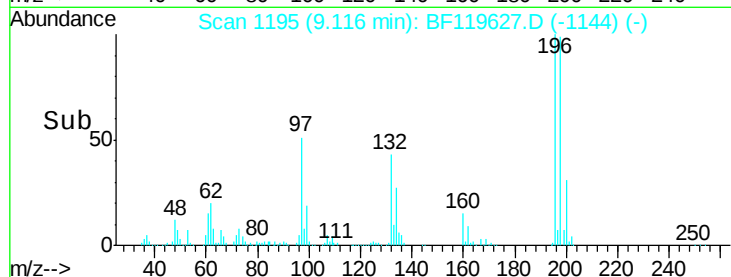
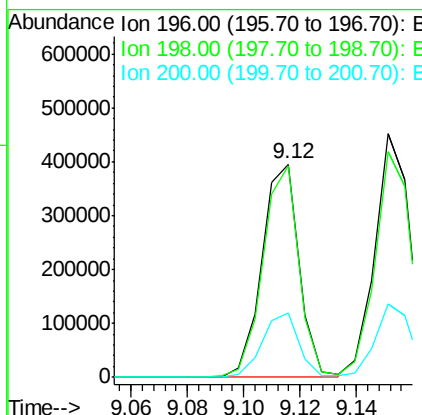
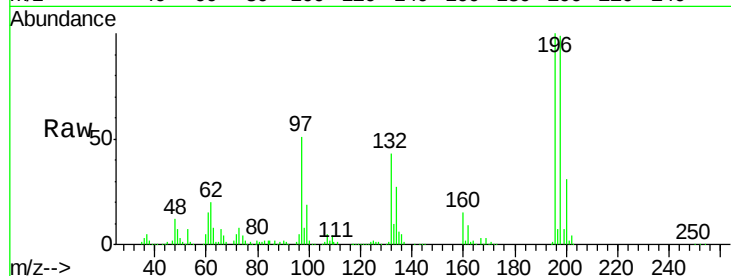




#43
 2,4,6-Trichlorophenol
 Concen: 42.46 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF119627.D
 Acq: 28 Mar 2020 20:02

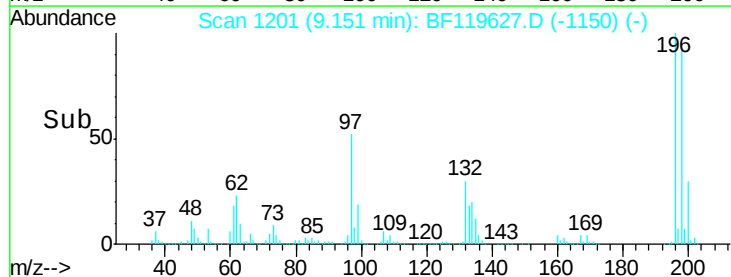
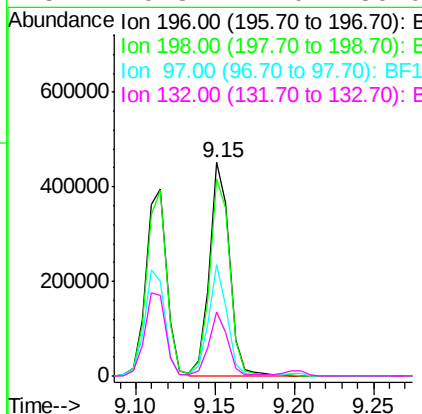
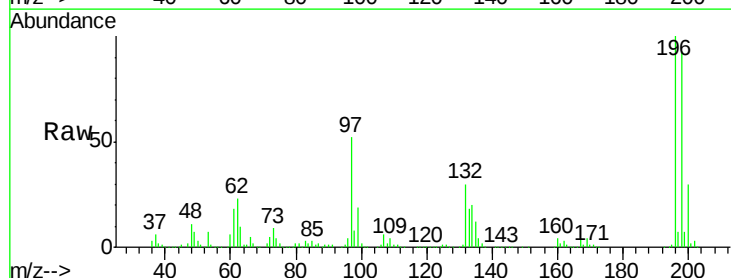
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

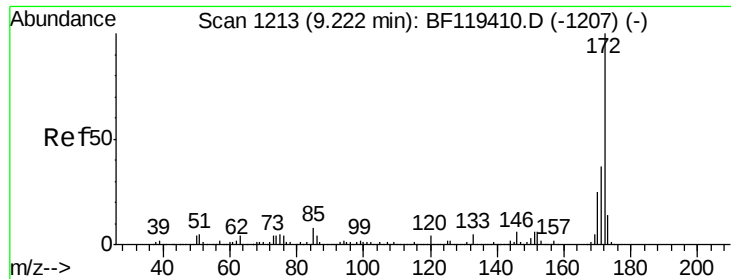
Tgt Ion:196 Resp: 361515
 Ion Ratio Lower Upper
 196 100
 198 99.2 76.6 115.0
 200 30.5 24.6 36.8



#44
 2,4,5-Trichlorophenol
 Concen: 41.97 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF119627.D
 Acq: 28 Mar 2020 20:02

Tgt Ion:196 Resp: 400346
 Ion Ratio Lower Upper
 196 100
 198 92.6 73.8 110.8
 97 52.0 42.6 63.8
 132 29.8 24.0 36.0

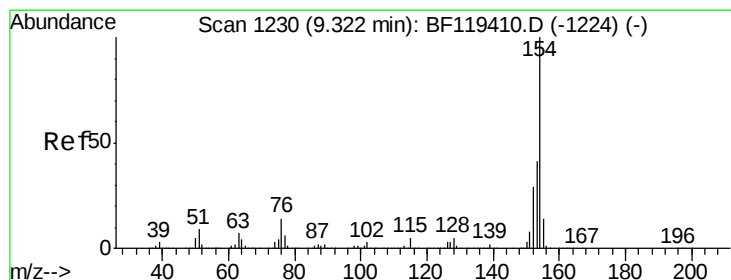
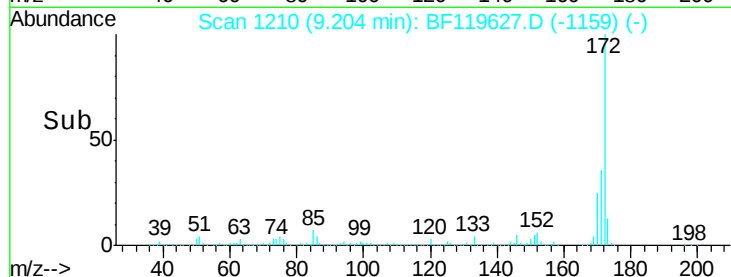
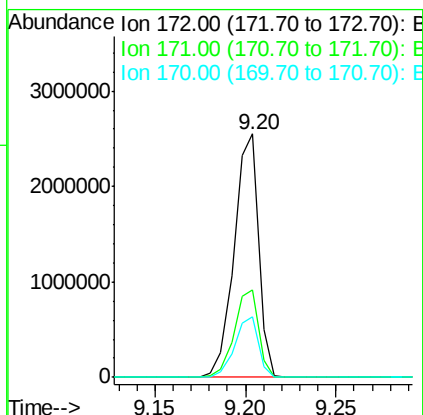
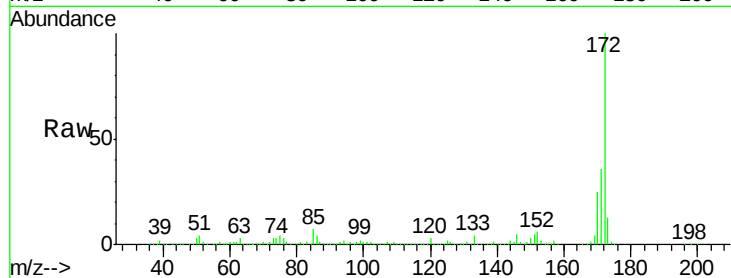




#45
2-Fluorobiphenyl
Concen: 87.18 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF119627.D
Acq: 28 Mar 2020 20:02

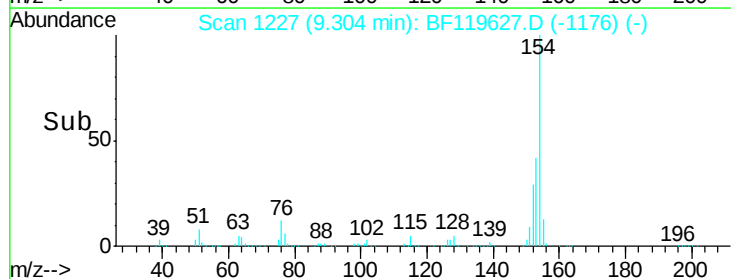
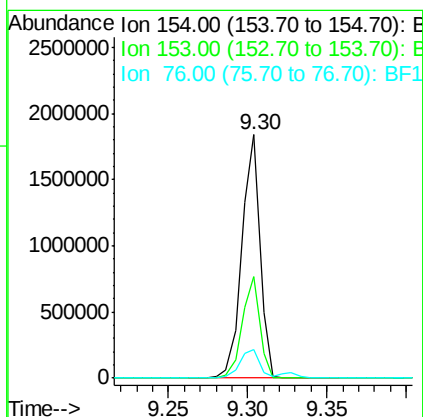
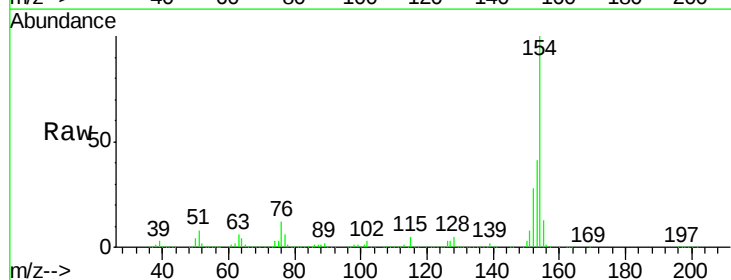
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

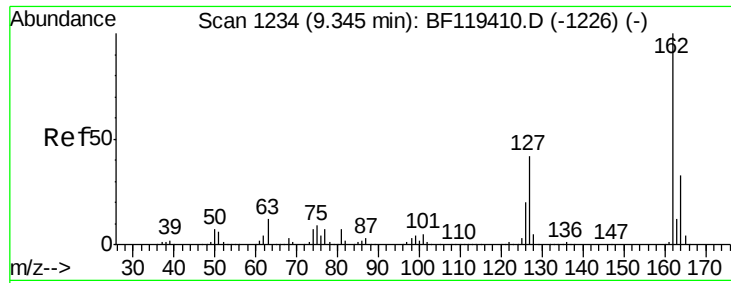
Tgt Ion:172 Resp: 2388796
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 24.7 20.2 30.2



#46
1,1'-Biphenyl
Concen: 43.93 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF119627.D
Acq: 28 Mar 2020 20:02

Tgt Ion:154 Resp: 1452439
Ion Ratio Lower Upper
154 100
153 41.5 21.4 61.4
76 11.7 0.0 33.0

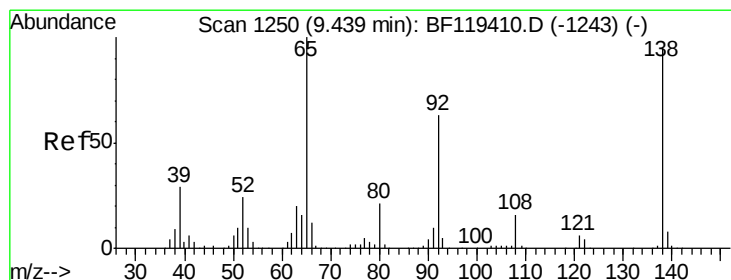
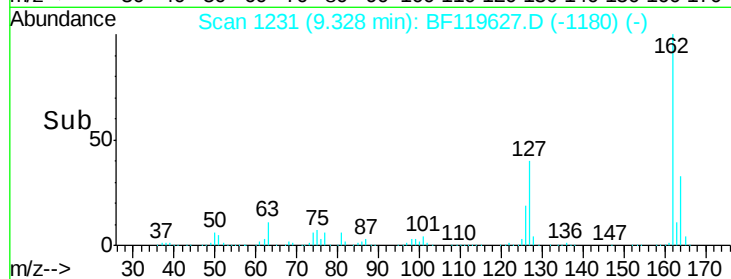
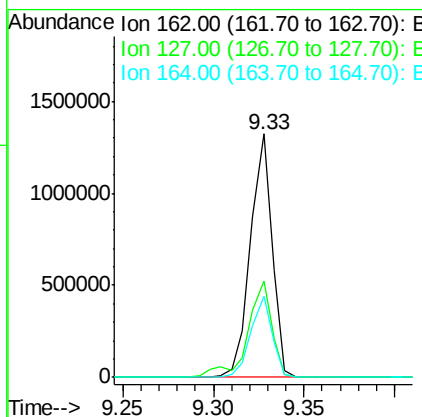
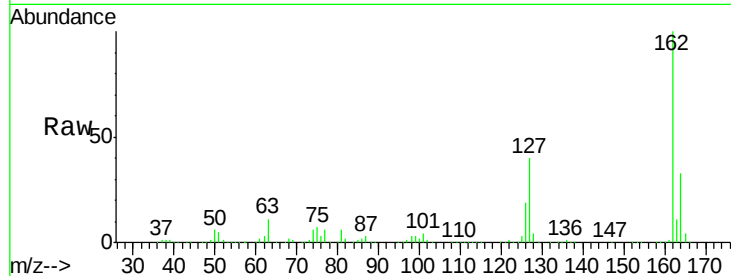




#47
 2-Chloronaphthalene
 Concen: 42.47 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BF119627.D
 Acq: 28 Mar 2020 20:02

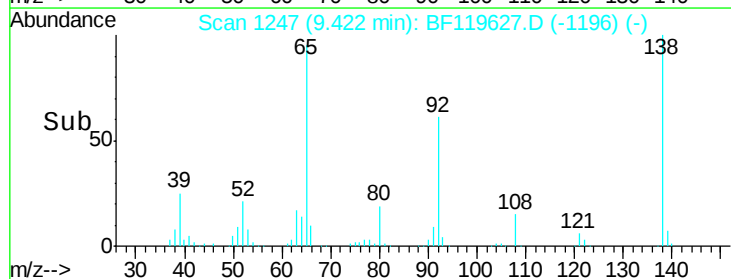
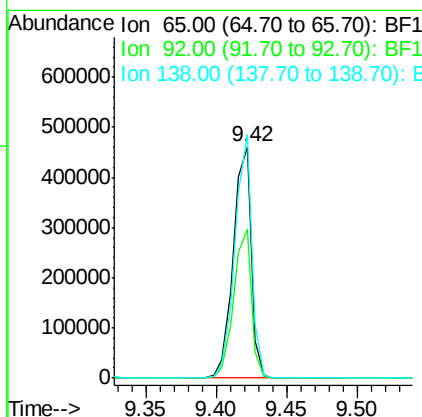
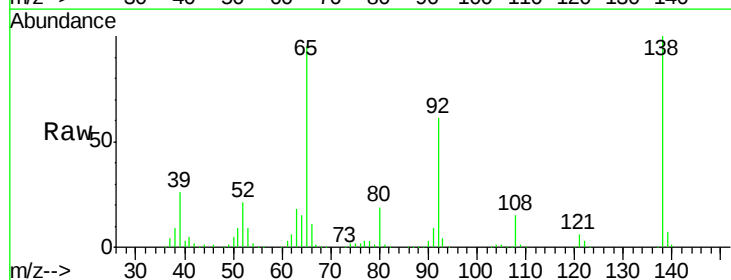
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

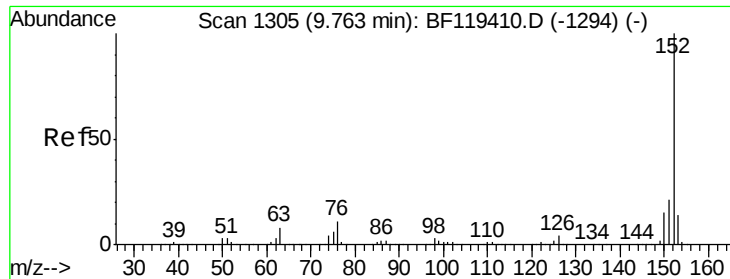
Tgt Ion: 162 Resp: 1099880
 Ion Ratio Lower Upper
 162 100
 127 39.8 33.7 50.5
 164 33.5 26.3 39.5



#48
 2-Nitroaniline
 Concen: 45.86 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.00 min
 Lab File: BF119627.D
 Acq: 28 Mar 2020 20:02

Tgt Ion: 65 Resp: 409964
 Ion Ratio Lower Upper
 65 100
 92 64.5 50.0 75.0
 138 105.3 75.0 112.4





#49

Acenaphthylene

Concen: 39.94 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

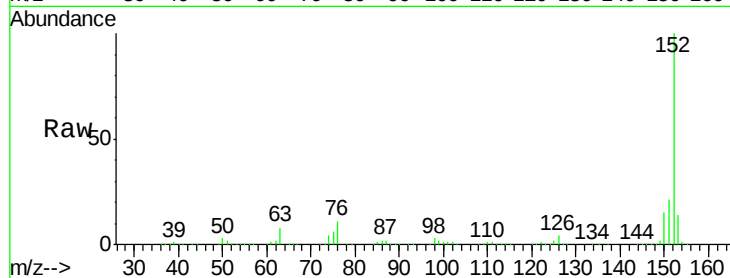
Tgt Ion:152 Resp: 1624452

Ion Ratio Lower Upper

152 100

151 21.1 17.2 25.8

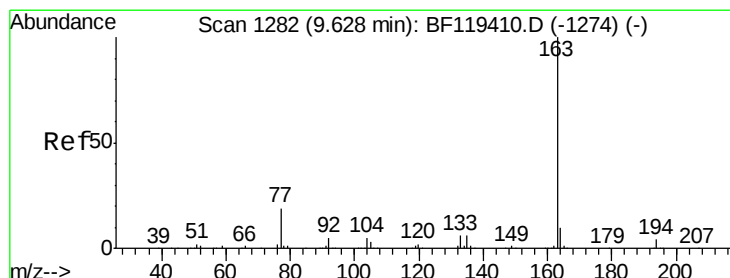
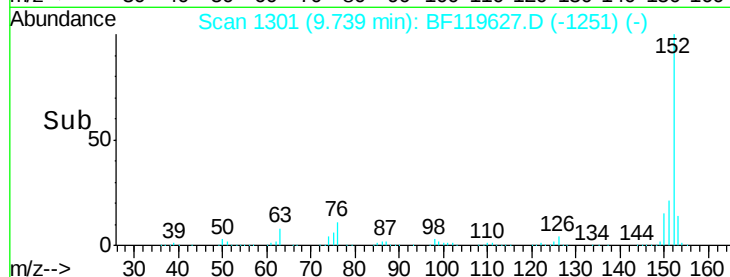
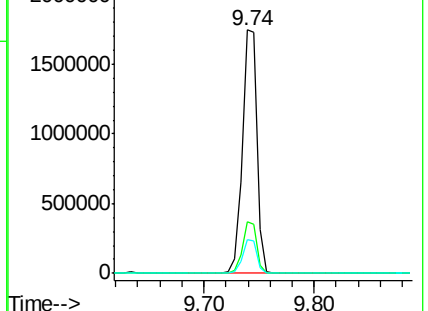
153 14.0 11.2 16.8



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: 44.33 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

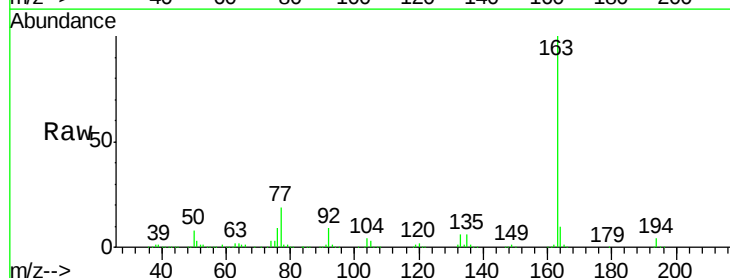
Tgt Ion:163 Resp: 1278194

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

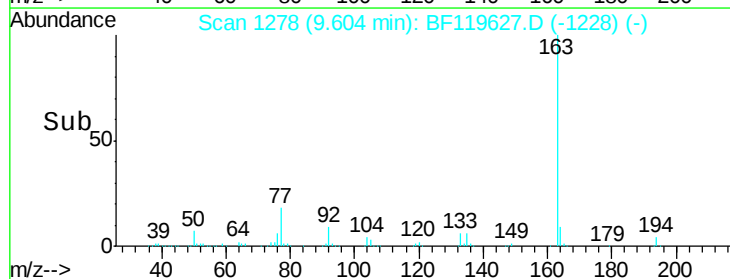
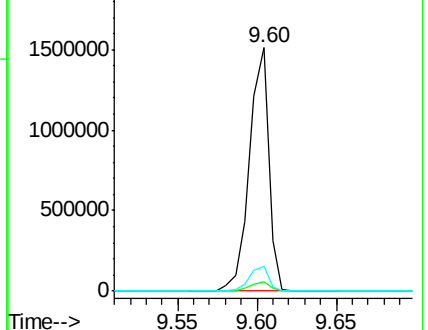
164 10.0 8.2 12.2

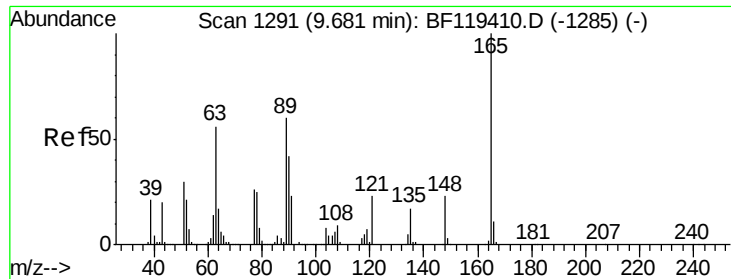


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

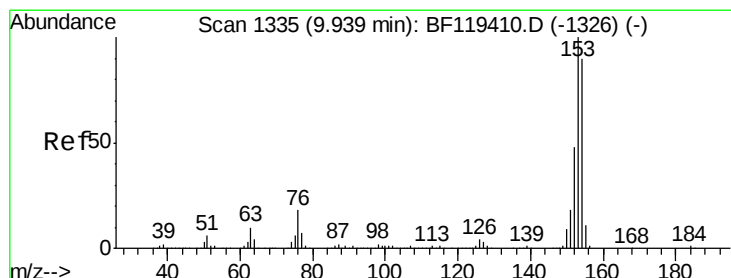
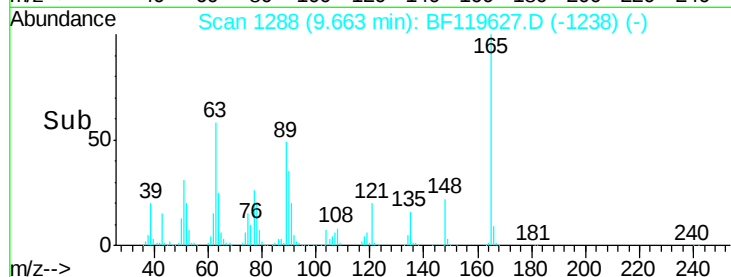
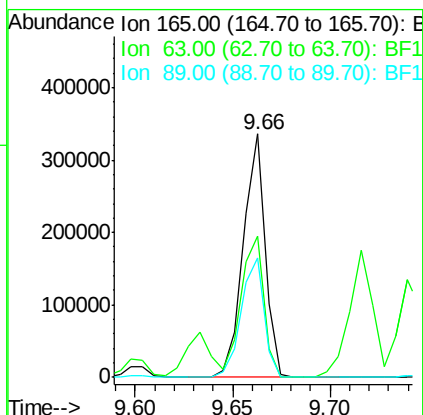
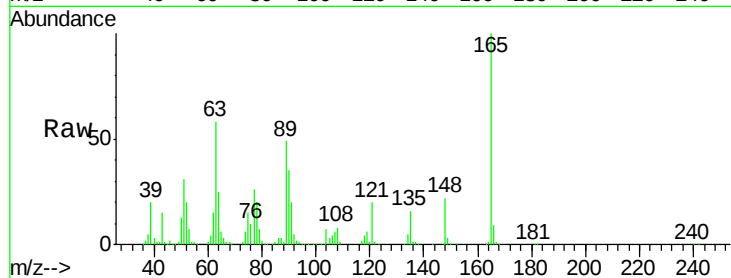




#51
 2,6-Dinitrotoluene
 Concen: 42.56 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: BF119627.D
 Acq: 28 Mar 2020 20:02

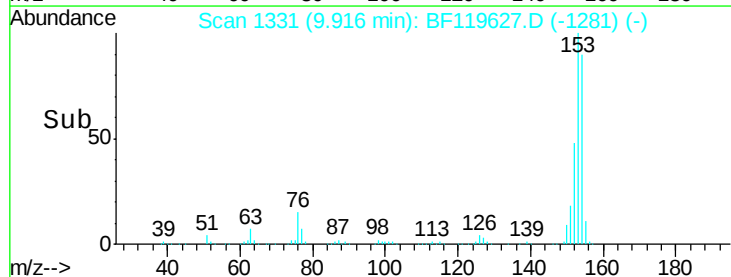
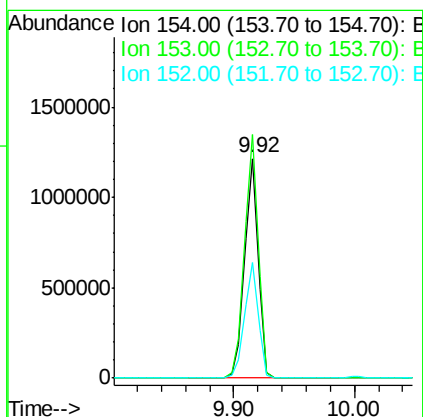
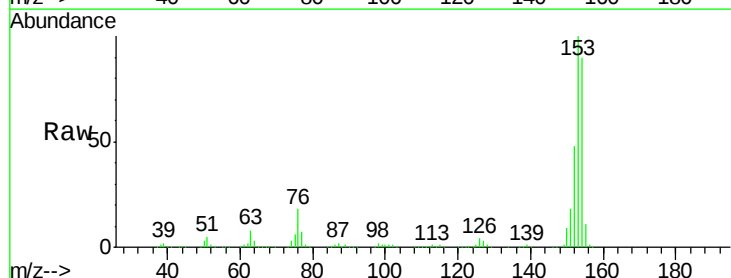
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:165 Resp: 263030
 Ion Ratio Lower Upper
 165 100
 63 58.2 45.0 67.4
 89 49.1 41.5 62.3



#52
 Acenaphthene
 Concen: 38.14 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF119627.D
 Acq: 28 Mar 2020 20:02

Tgt Ion:154 Resp: 967080
 Ion Ratio Lower Upper
 154 100
 153 110.7 88.1 132.1
 152 52.9 43.0 64.4

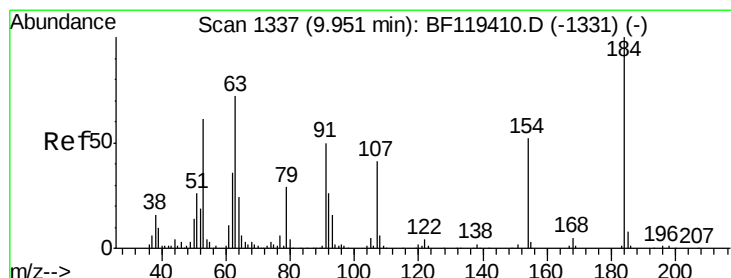
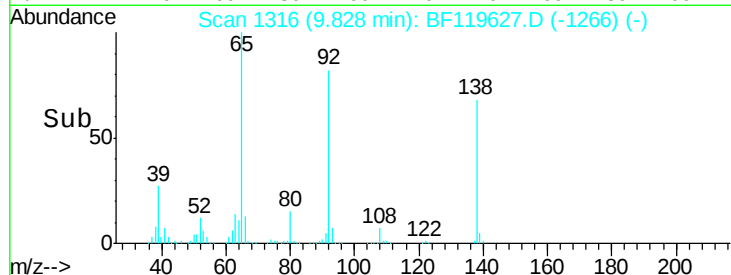
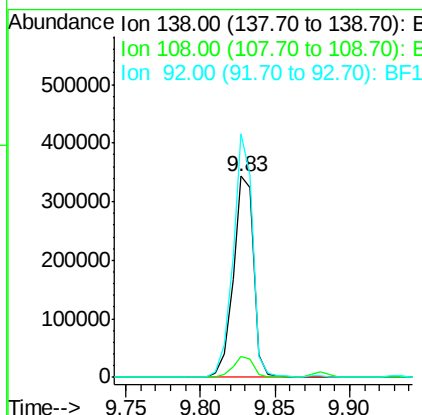
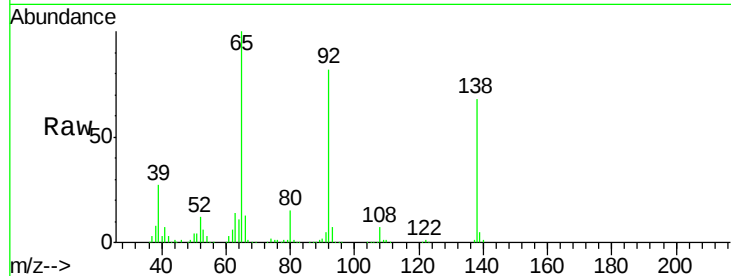




#53
3-Nitroaniline
Concen: 42.33 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF119627.D
Acq: 28 Mar 2020 20:02

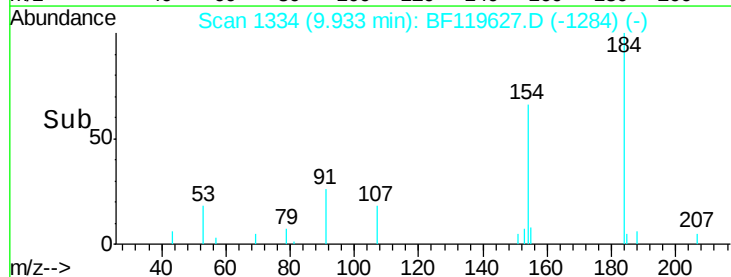
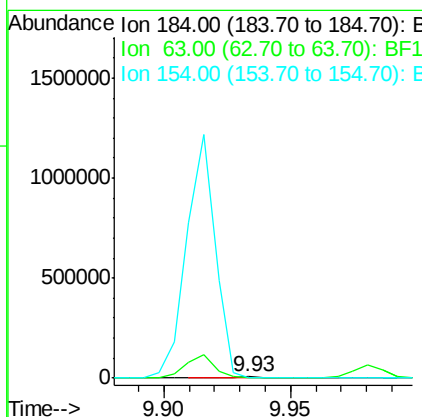
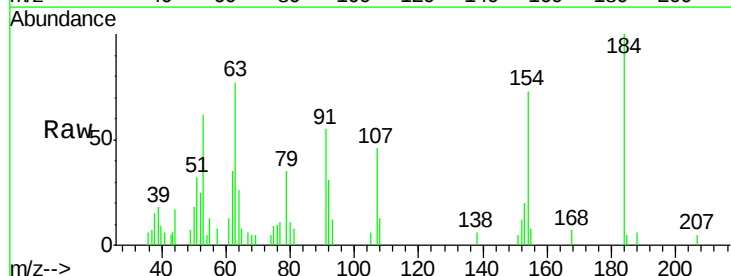
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

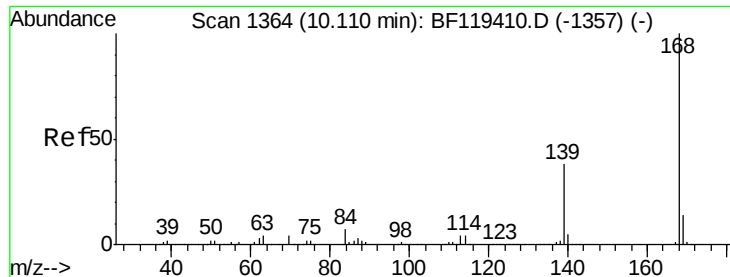
Tgt Ion:138 Resp: 330300
Ion Ratio Lower Upper
138 100
108 10.7 8.6 13.0
92 121.1 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 9.42 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF119627.D
Acq: 28 Mar 2020 20:02

Tgt Ion:184 Resp: 6307
Ion Ratio Lower Upper
184 100
63 77.2 50.2 75.4#
154 73.0 44.5 66.7#

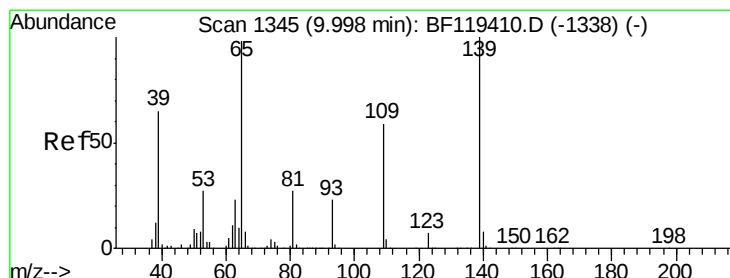
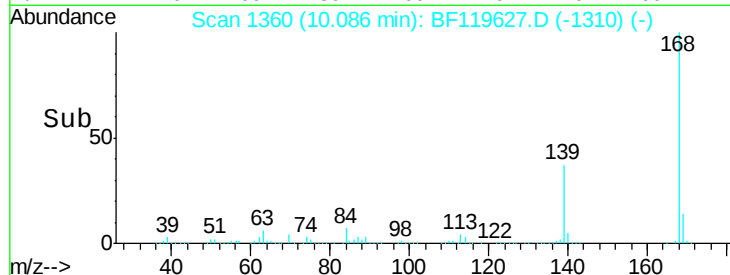
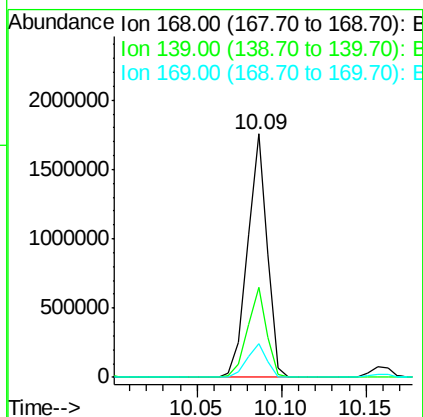
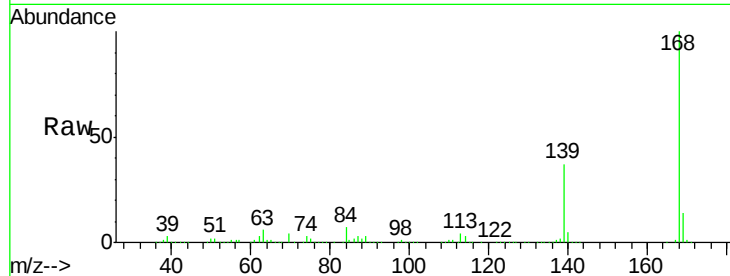




#55
Dibenzenofuran
Concen: 39.20 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF119627.D
Acq: 28 Mar 2020 20:02

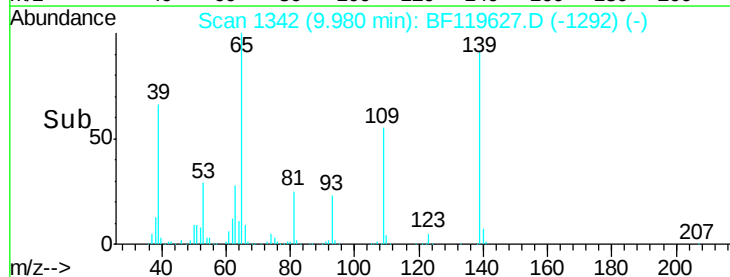
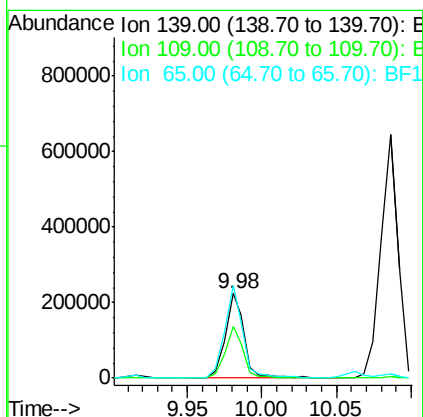
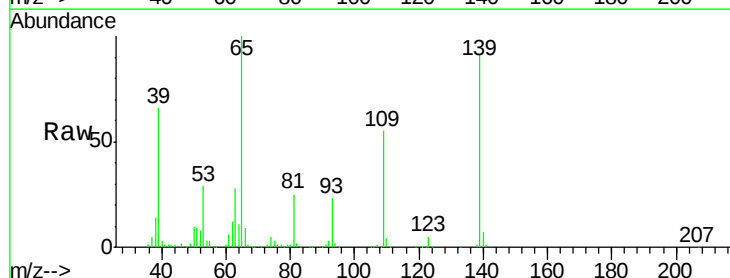
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

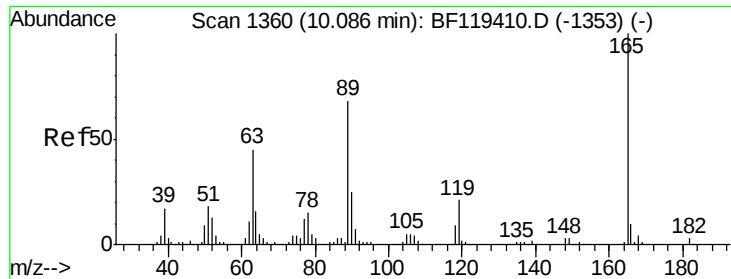
Tgt Ion:168 Resp: 1425095
Ion Ratio Lower Upper
168 100
139 36.7 30.1 45.1
169 14.0 11.0 16.6



#56
4-Nitrophenol
Concen: 32.79 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF119627.D
Acq: 28 Mar 2020 20:02

Tgt Ion:139 Resp: 201802
Ion Ratio Lower Upper
139 100
109 60.4 43.3 83.3
65 109.6 91.0 131.0

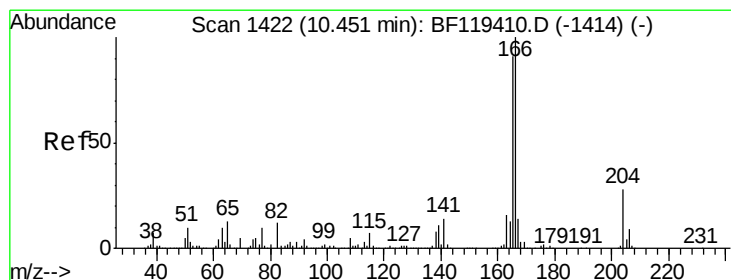
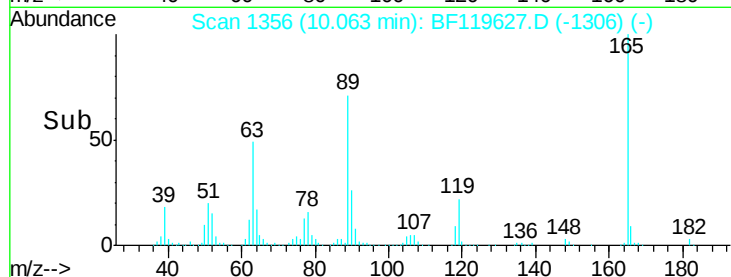
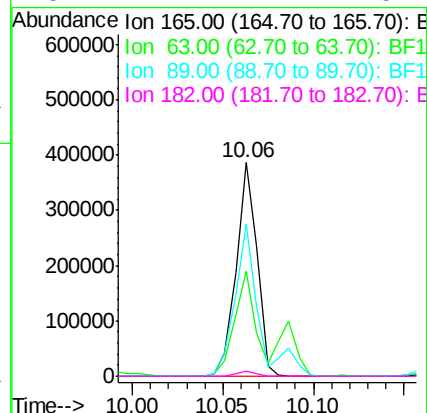
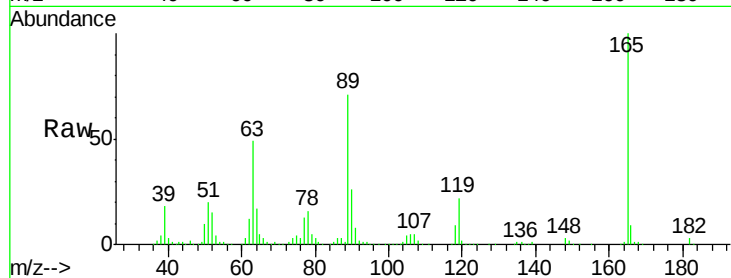




#57
2,4-Dinitrotoluene
Concen: 39.77 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF119627.D
Acq: 28 Mar 2020 20:02

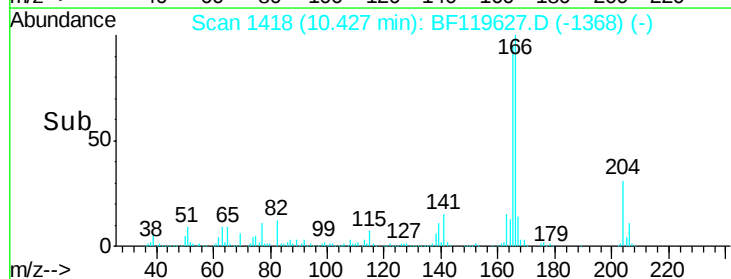
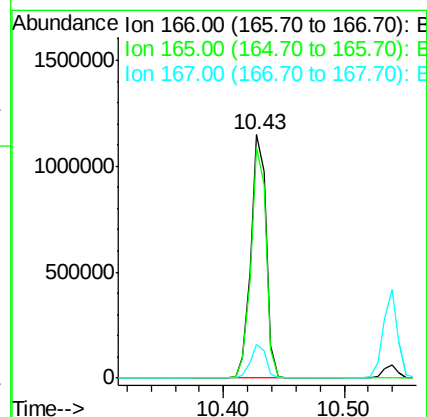
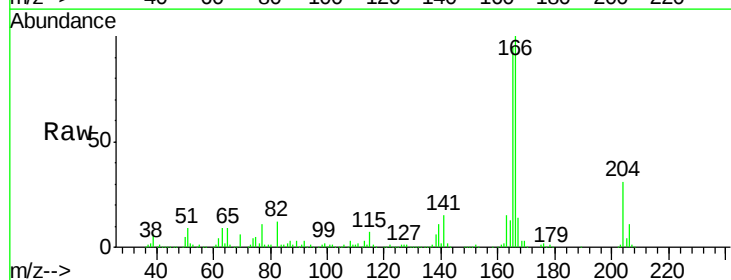
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

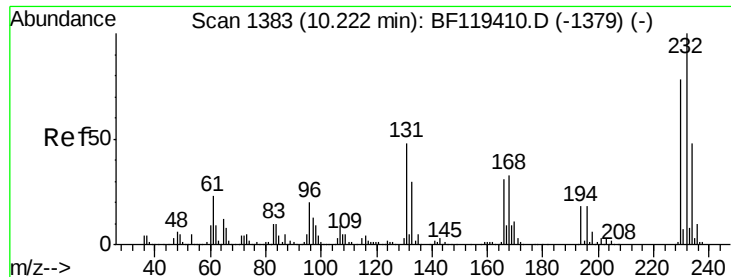
Tgt Ion:	165	Resp:	309648
Ion	Ratio	Lower	Upper
165	100		
63	49.0	42.6	64.0
89	71.4	61.0	91.4
182	2.7	2.2	3.2



#58
Fluorene
Concen: 38.01 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF119627.D
Acq: 28 Mar 2020 20:02

Tgt Ion:	166	Resp:	1021871
Ion	Ratio	Lower	Upper
166	100		
165	94.9	75.4	113.2
167	13.8	11.2	16.8

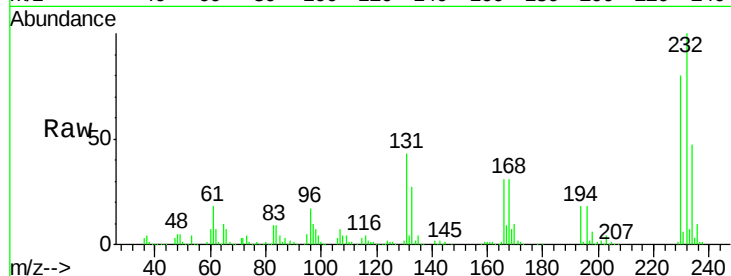




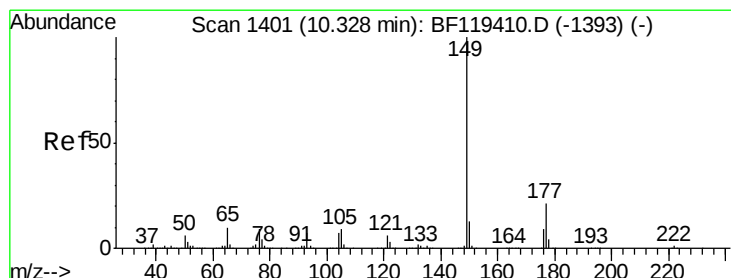
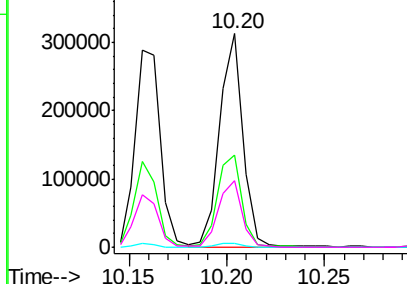
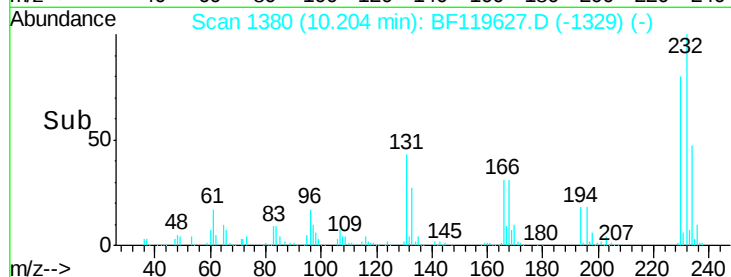
#59
2,3,4,6-Tetrachlorophenol
Concen: 36.35 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BF119627.D
Acq: 28 Mar 2020 20:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:232 Resp: 259202
Ion Ratio Lower Upper
232 100
131 46.2 37.5 56.3
130 2.2 1.8 2.6
166 32.1 24.6 36.8

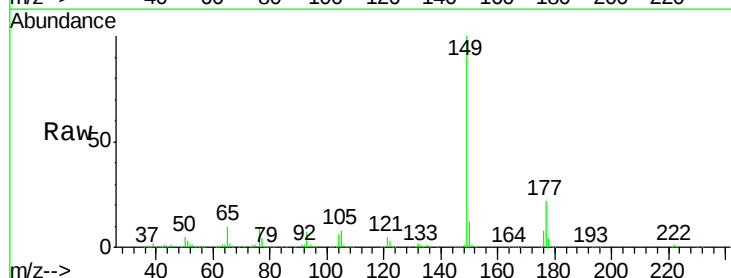


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

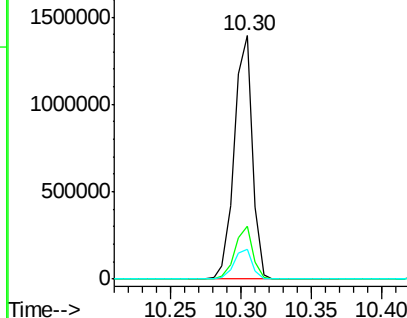
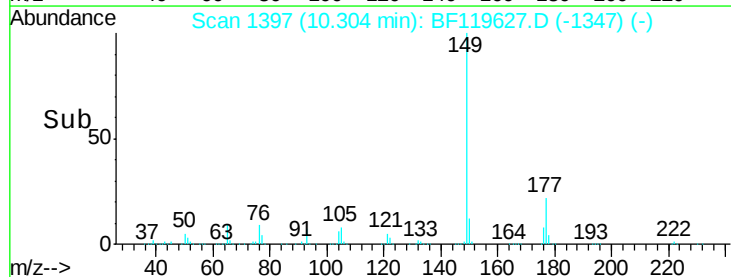


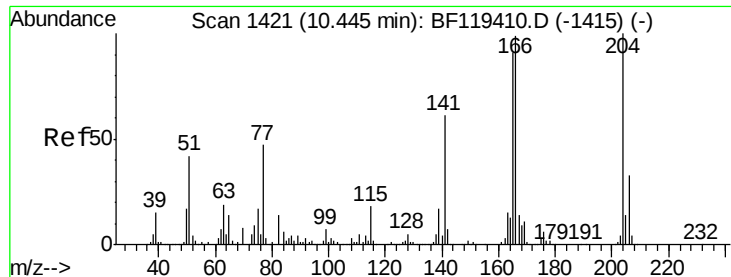
#60
Diethylphthalate
Concen: 42.47 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF119627.D
Acq: 28 Mar 2020 20:02

Tgt Ion:149 Resp: 1242933
Ion Ratio Lower Upper
149 100
177 21.8 17.0 25.6
150 12.4 10.1 15.1



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

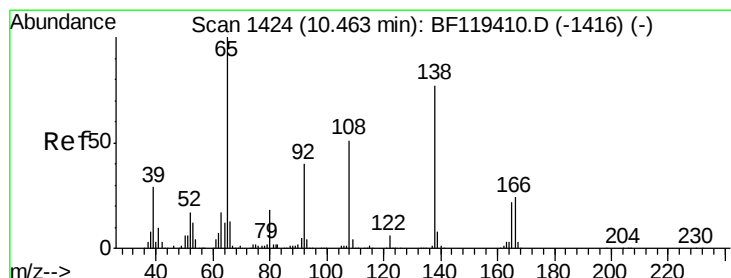
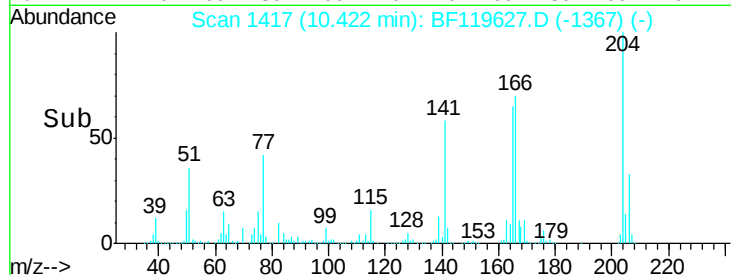
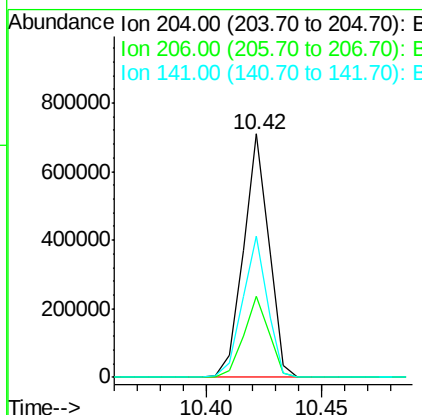
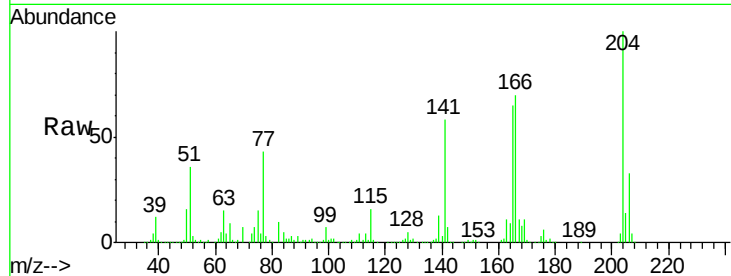




#61
 4-Chlorophenyl-phenylether
 Concen: 41.42 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF119627.D
 Acq: 28 Mar 2020 20:02

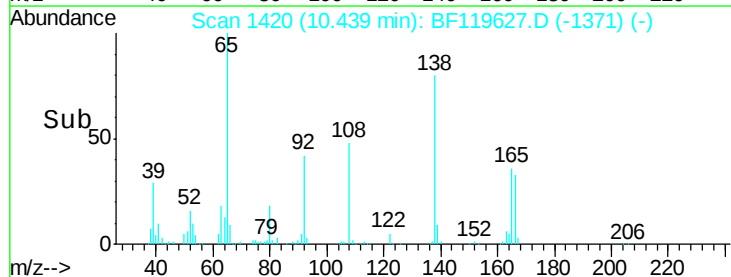
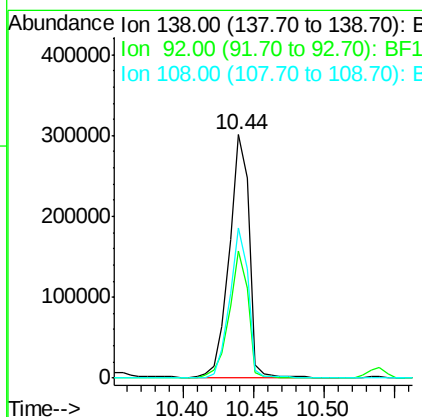
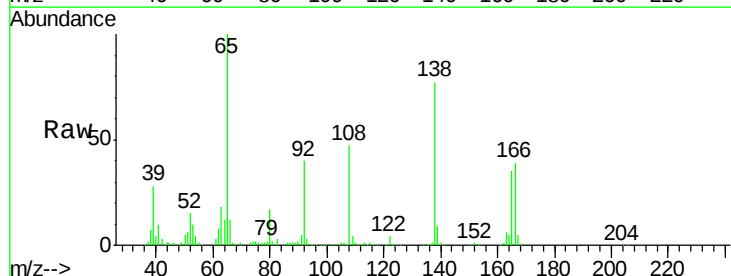
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

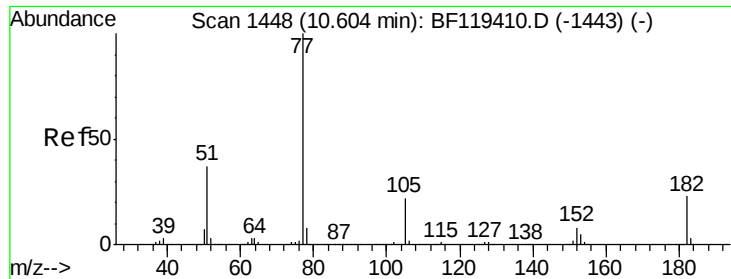
Tgt Ion: 204 Resp: 544501
 Ion Ratio Lower Upper
 204 100
 206 33.1 26.7 40.1
 141 57.9 47.3 70.9



#62
 4-Nitroaniline
 Concen: 39.40 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.01 min
 Lab File: BF119627.D
 Acq: 28 Mar 2020 20:02

Tgt Ion: 138 Resp: 294783
 Ion Ratio Lower Upper
 138 100
 92 52.2 31.5 71.5
 108 61.6 45.8 85.8





#63

Azobenzene

Concen: 36.46 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 1074581

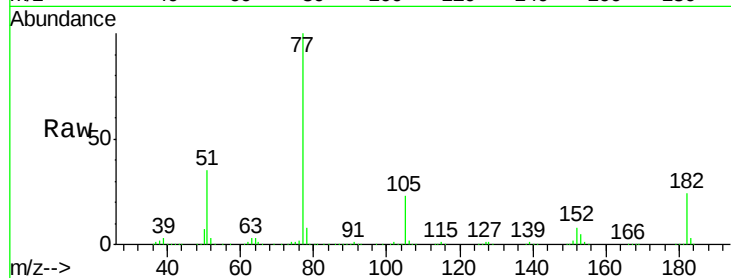
Ion Ratio Lower Upper

77 100

182 24.1 4.4 44.4

105 23.1 2.6 42.6

51 34.7 15.1 55.1

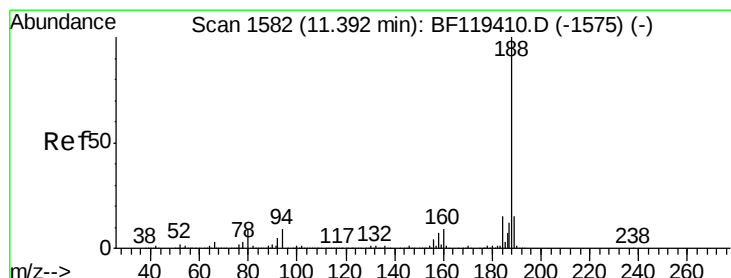
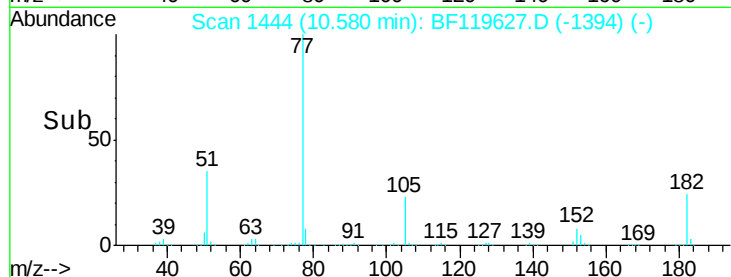
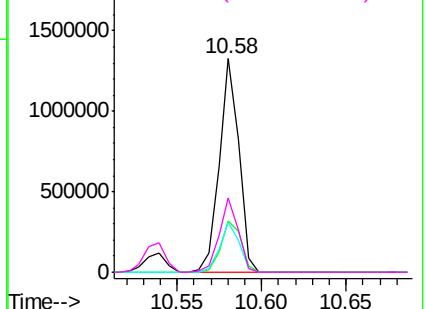


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

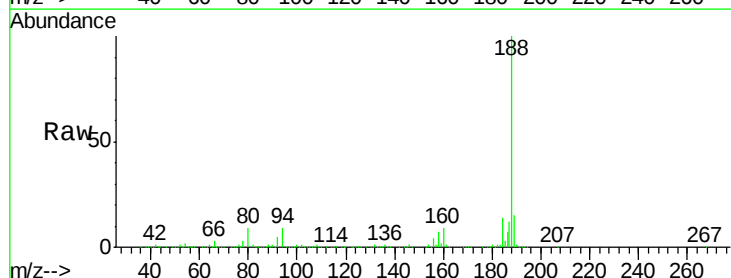
Tgt Ion: 188 Resp: 629140

Ion Ratio Lower Upper

188 100

94 8.5 7.5 11.3

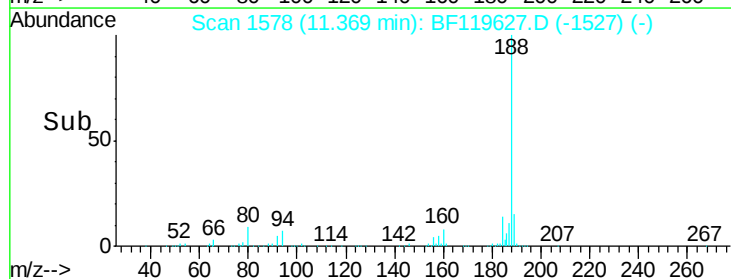
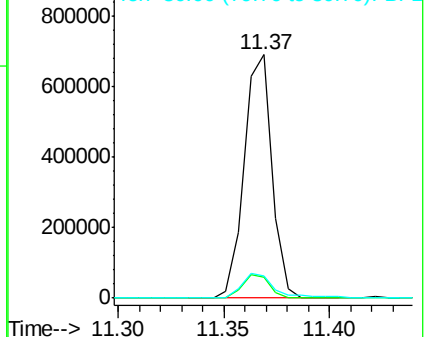
80 9.2 9.0 13.4



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

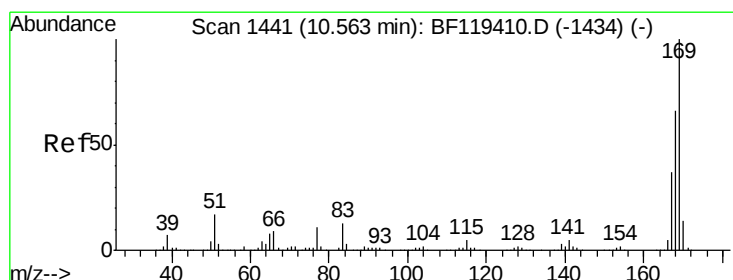
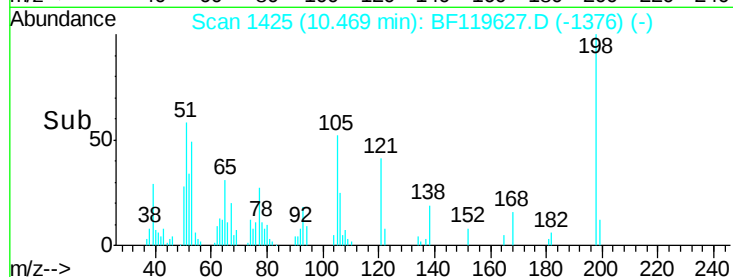
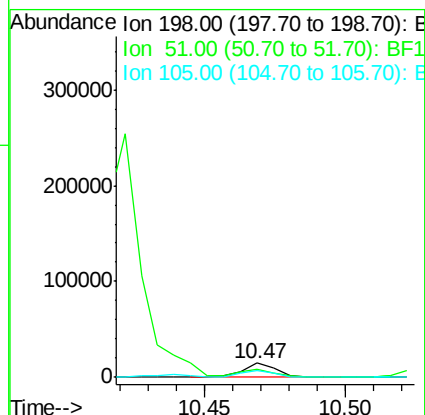
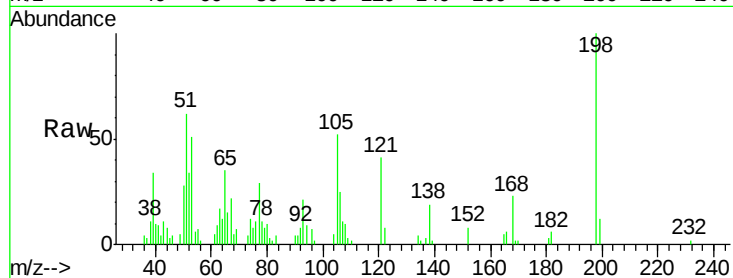




#65
4,6-Dinitro-2-methylphenol
Concen: 4.59 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF119627.D
Acq: 28 Mar 2020 20:02

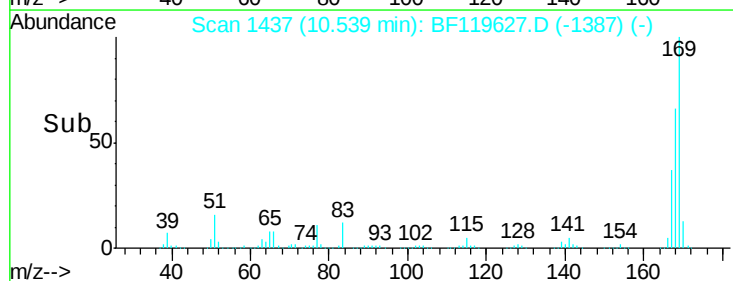
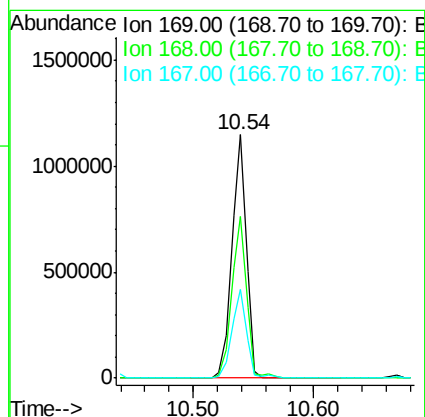
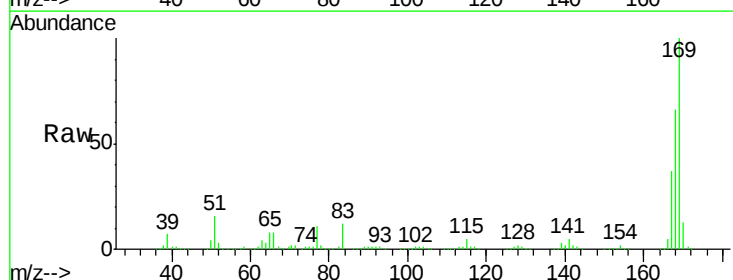
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

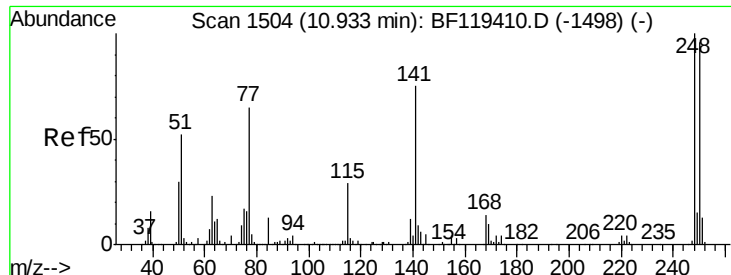
Tgt Ion:198 Resp: 12118
Ion Ratio Lower Upper
198 100
51 61.6 29.0 69.0
105 52.0 22.2 62.2



#66
n-Nitrosodiphenylamine
Concen: 46.16 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF119627.D
Acq: 28 Mar 2020 20:02

Tgt Ion:169 Resp: 953434
Ion Ratio Lower Upper
169 100
168 66.3 53.2 79.8
167 36.6 29.1 43.7

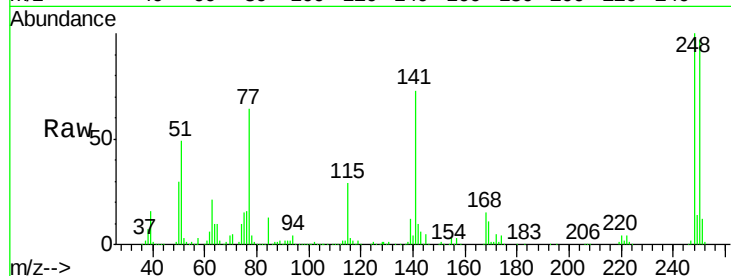




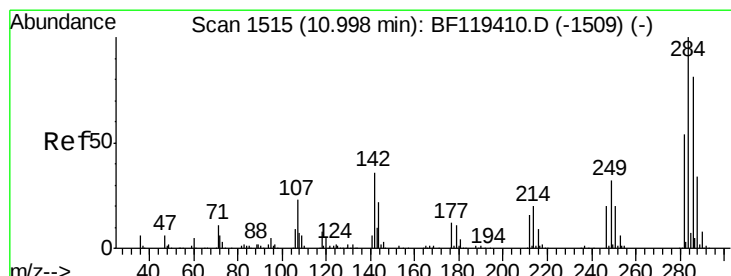
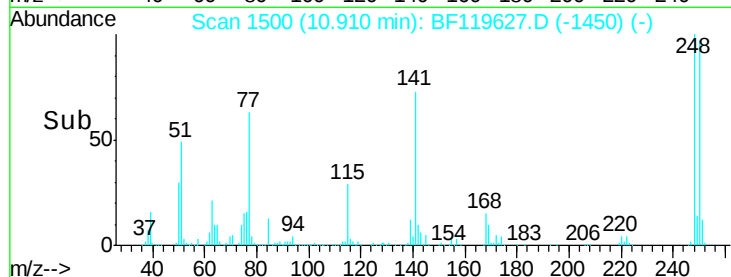
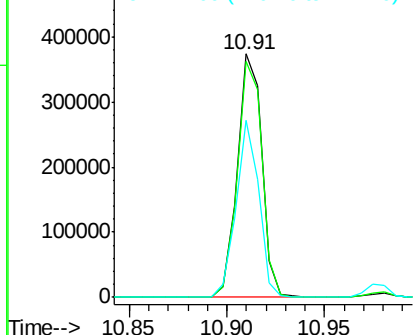
#67
 4-Bromophenyl-phenylether
 Concen: 45.45 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BF119627.D
 Acq: 28 Mar 2020 20:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:248 Resp: 325647
 Ion Ratio Lower Upper
 248 100
 250 97.0 77.3 115.9
 141 72.8 58.6 87.8

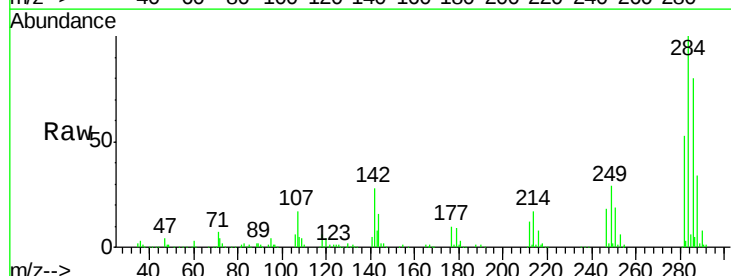


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

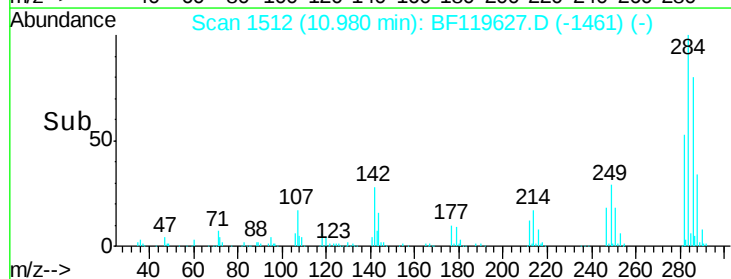
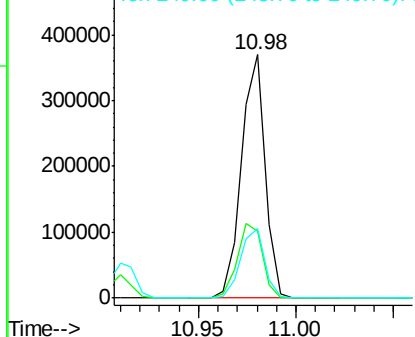


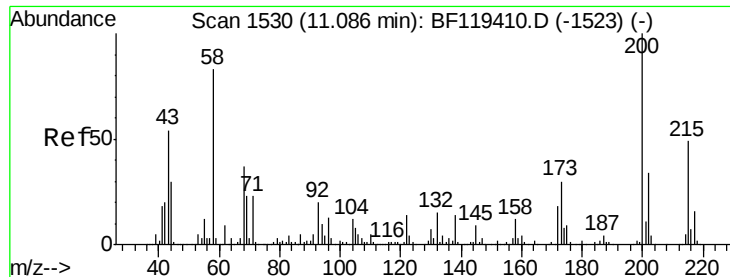
#68
 Hexachlorobenzene
 Concen: 42.43 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. -0.00 min
 Lab File: BF119627.D
 Acq: 28 Mar 2020 20:02

Tgt Ion:284 Resp: 311127
 Ion Ratio Lower Upper
 284 100
 142 27.8 29.2 43.8#
 249 28.7 25.1 37.7



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 40.58 ng

RT: 11.06 min Scan# 1526

Delta R.T. -0.01 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

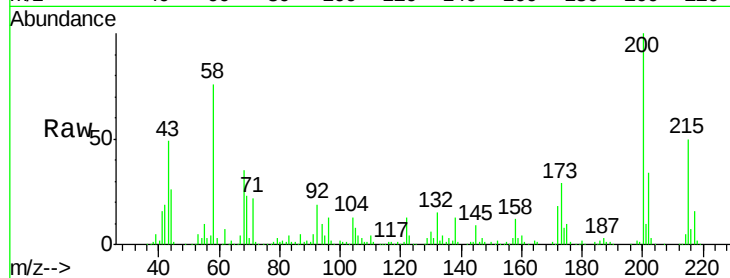
Tgt Ion:200 Resp: 229775

Ion Ratio Lower Upper

200 100

173 29.3 9.3 49.3

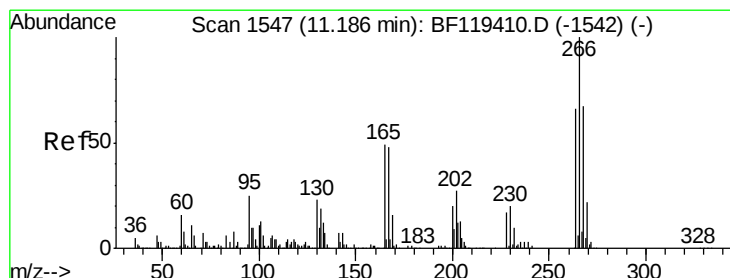
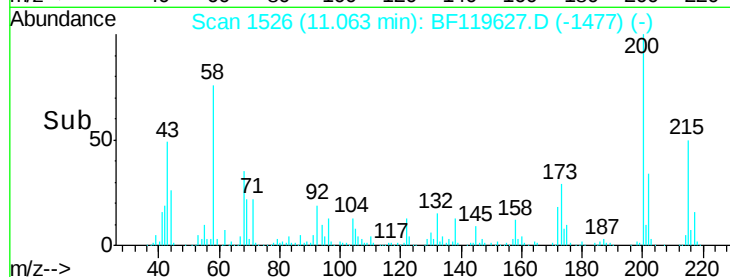
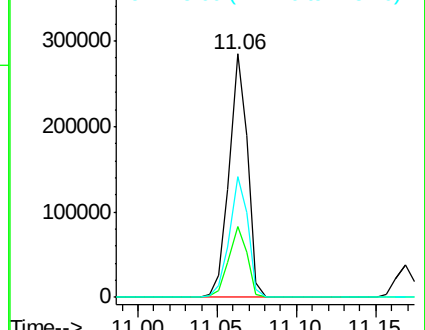
215 49.8 29.5 69.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 39.77 ng

RT: 11.17 min Scan# 1544

Delta R.T. -0.01 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

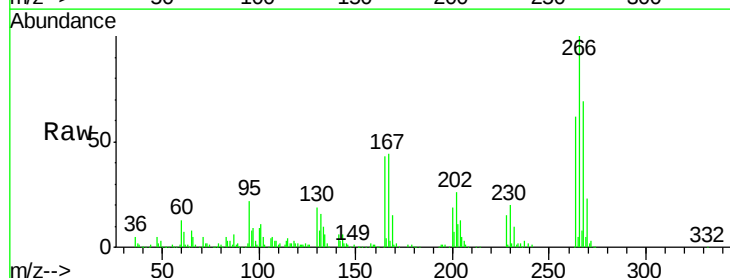
Tgt Ion:266 Resp: 171024

Ion Ratio Lower Upper

266 100

268 68.6 53.3 79.9

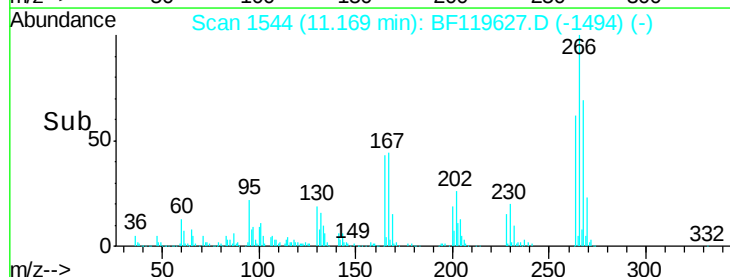
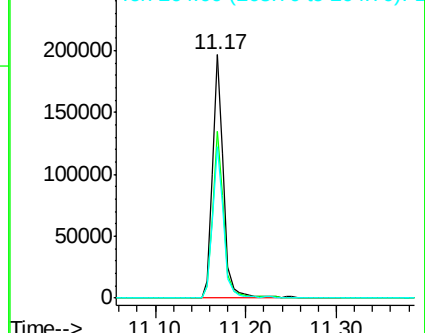
264 62.3 49.0 73.4

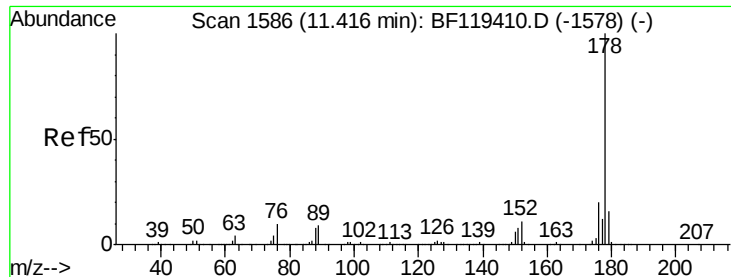


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.42 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

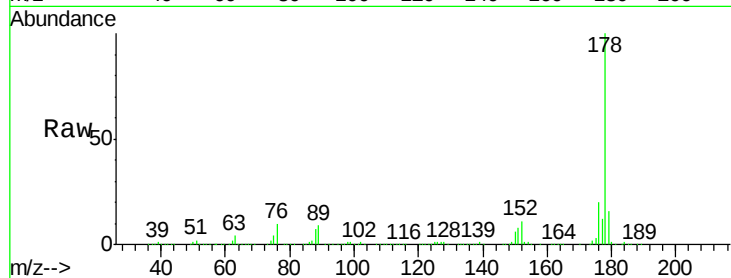
Tgt Ion:178 Resp: 1318453

Ion Ratio Lower Upper

178 100

176 19.9 16.2 24.4

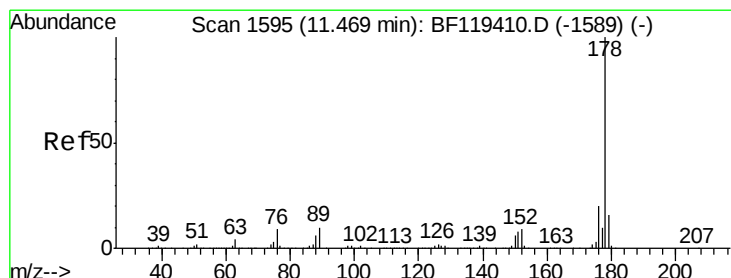
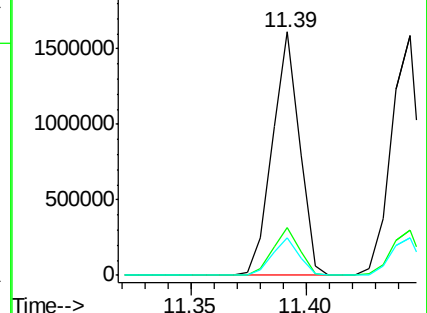
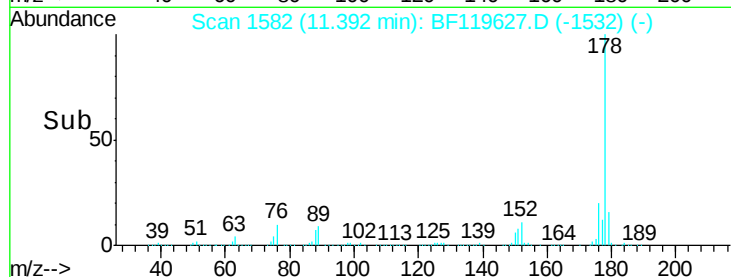
179 15.7 13.2 19.8



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: 40.30 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

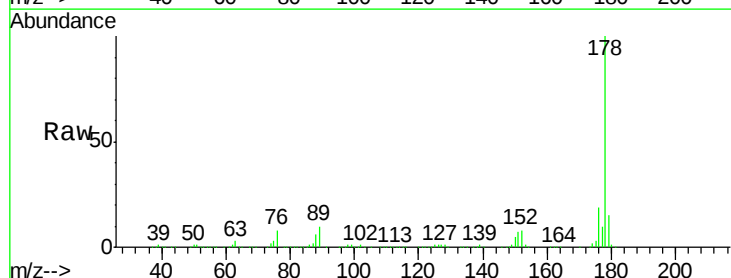
Tgt Ion:178 Resp: 1336153

Ion Ratio Lower Upper

178 100

176 18.9 16.1 24.1

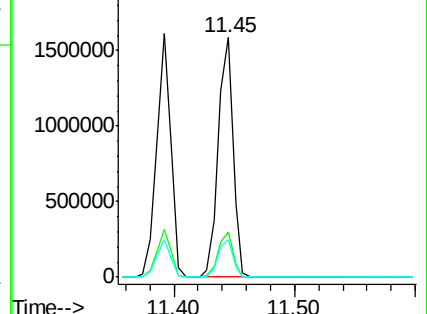
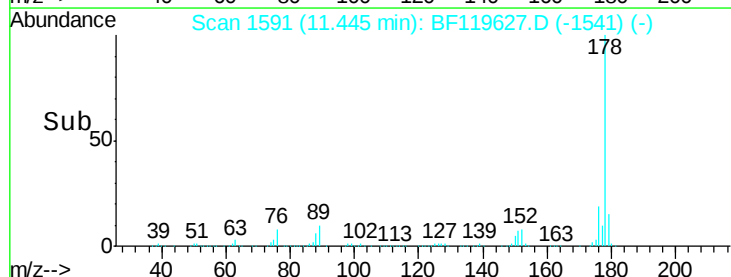
179 15.5 13.0 19.4

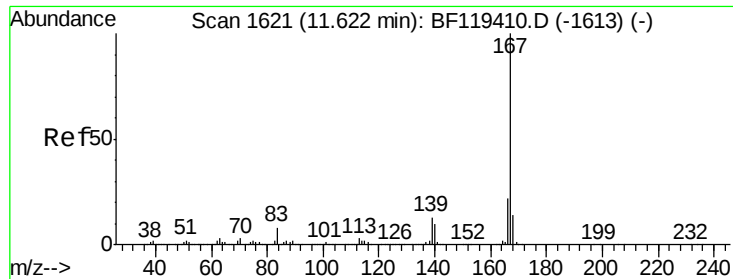


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

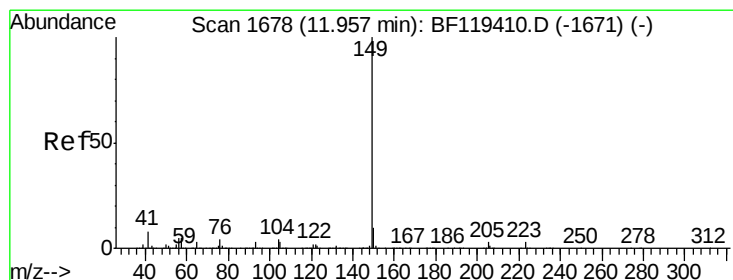
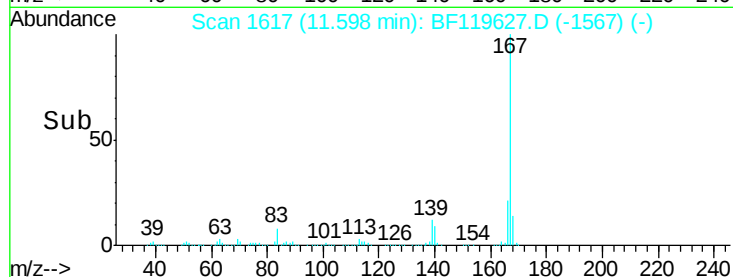
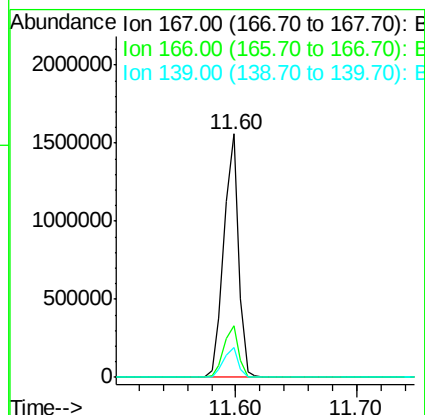
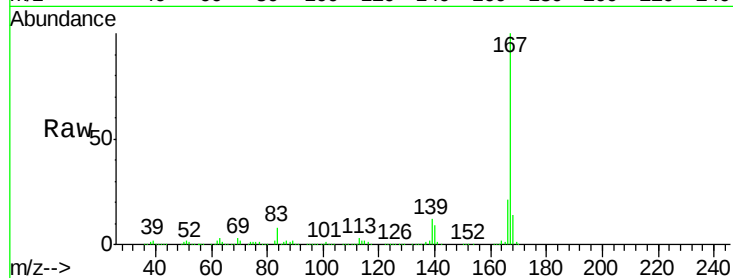




#73
 Carbazole
 Concen: 39.71 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF119627.D
 Acq: 28 Mar 2020 20:02

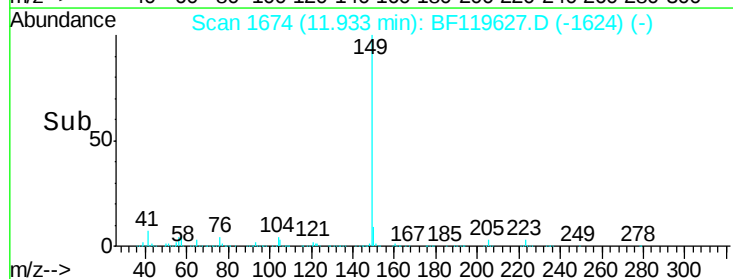
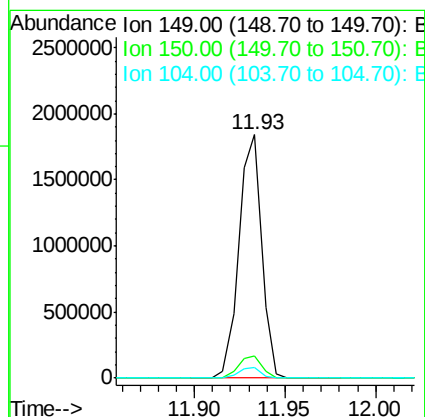
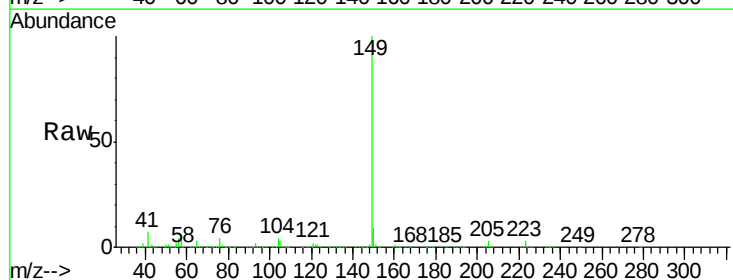
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

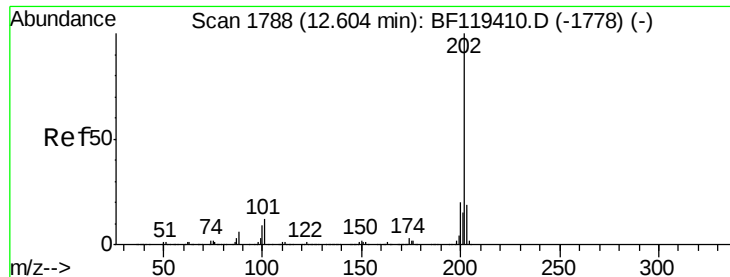
Tgt Ion:167 Resp: 1303315
 Ion Ratio Lower Upper
 167 100
 166 21.0 18.2 27.4
 139 12.4 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 45.70 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BF119627.D
 Acq: 28 Mar 2020 20:02

Tgt Ion:149 Resp: 1604507
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.8 11.8
 104 4.1 3.6 5.4





#75

Fluoranthene

Concen: 39.81 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

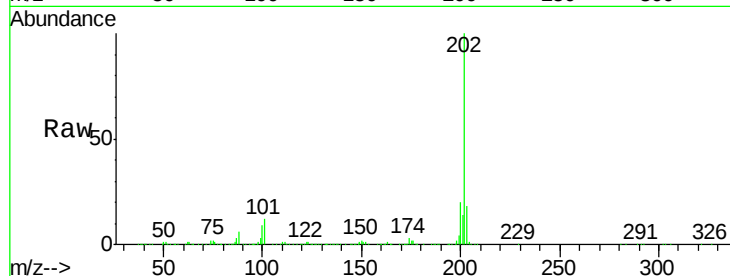
Tgt Ion:202 Resp: 1405360

Ion Ratio Lower Upper

202 100

101 12.2 0.0 32.2

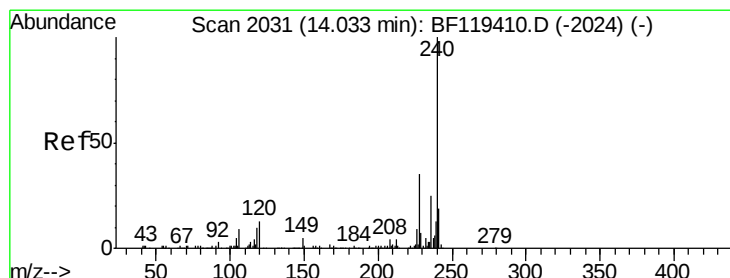
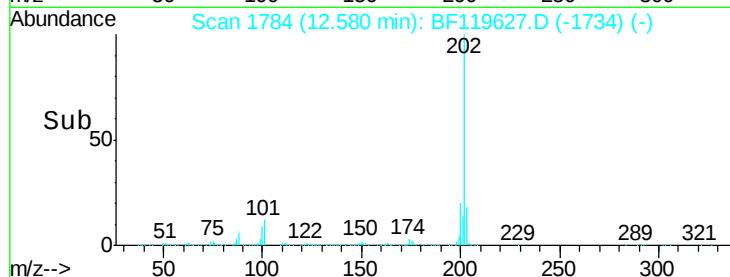
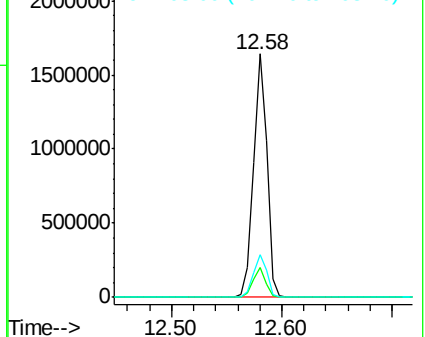
203 17.6 0.0 38.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

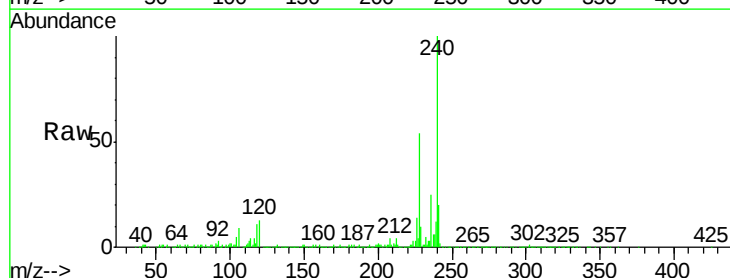
Tgt Ion:240 Resp: 498857

Ion Ratio Lower Upper

240 100

120 12.5 10.6 15.8

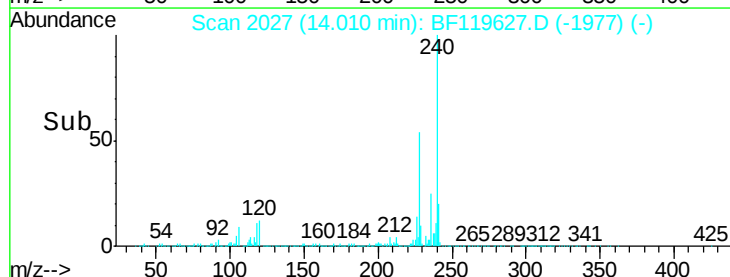
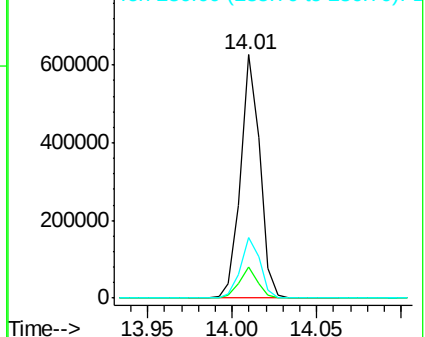
236 25.1 20.2 30.2

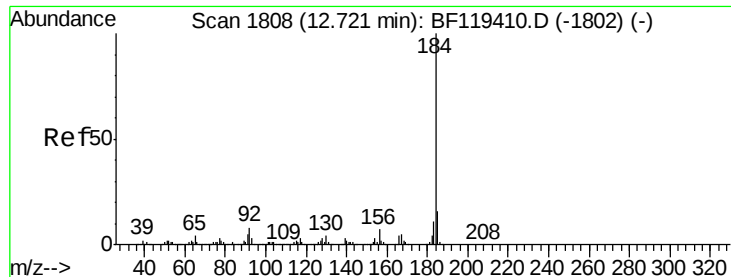


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.45 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

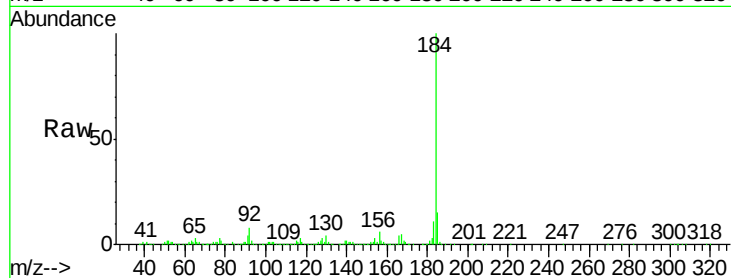
Tgt Ion:184 Resp: 769538

Ion Ratio Lower Upper

184 100

185 15.3 12.3 18.5

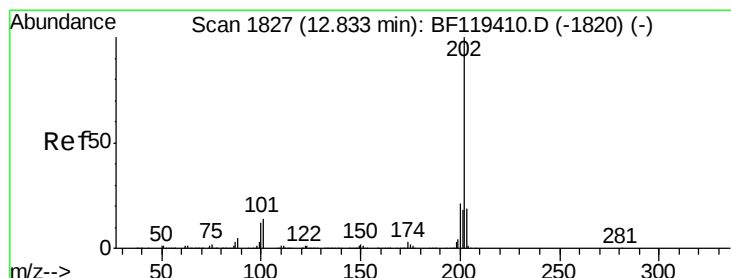
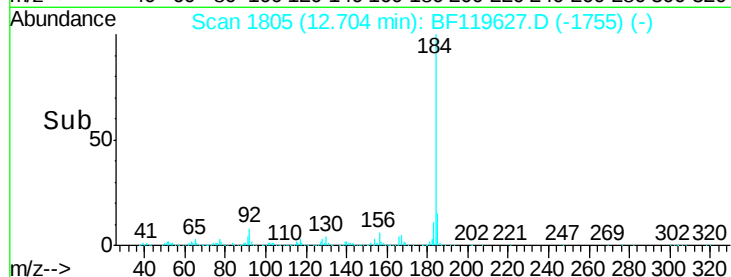
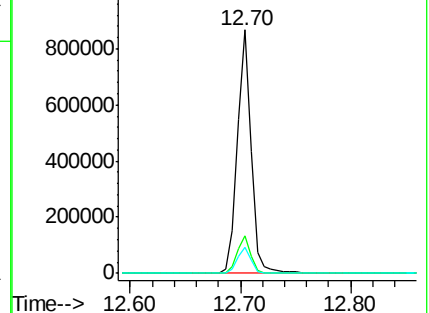
183 10.7 9.0 13.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.31 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

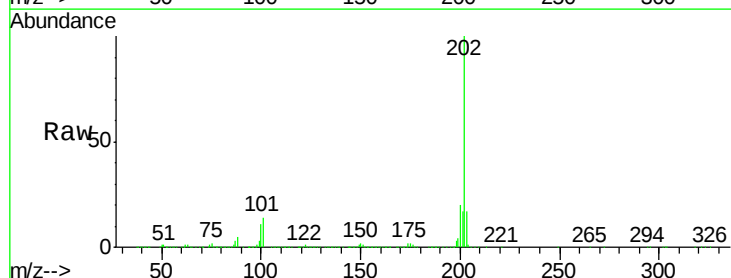
Tgt Ion:202 Resp: 1445719

Ion Ratio Lower Upper

202 100

200 20.1 16.8 25.2

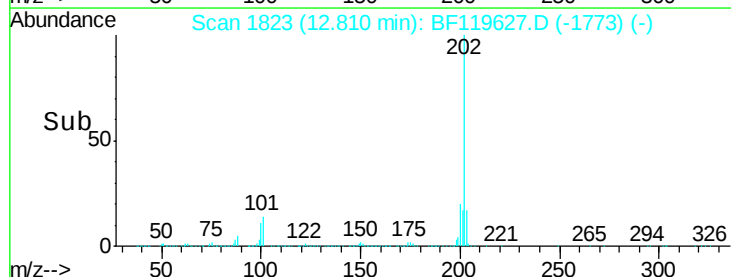
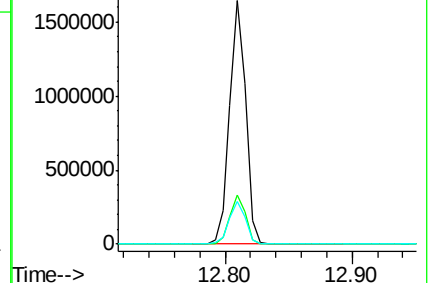
203 17.4 15.1 22.7

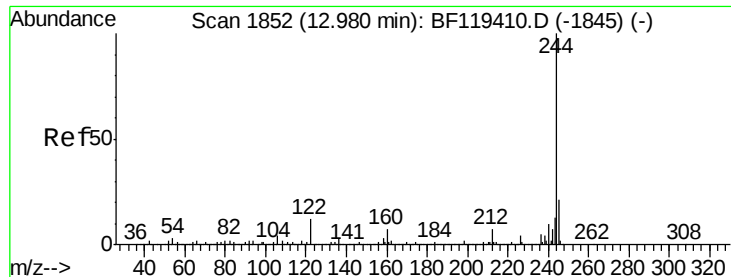


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.34 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

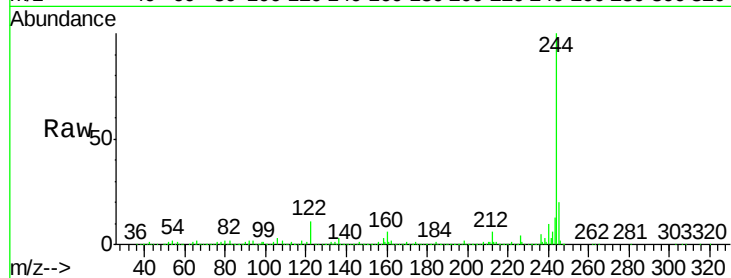
Tgt Ion:244 Resp: 1943794

Ion Ratio Lower Upper

244 100

212 6.4 5.8 8.8

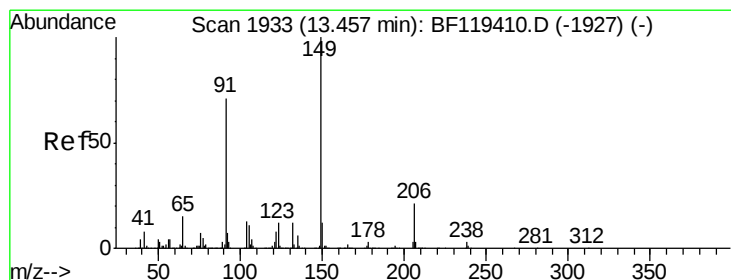
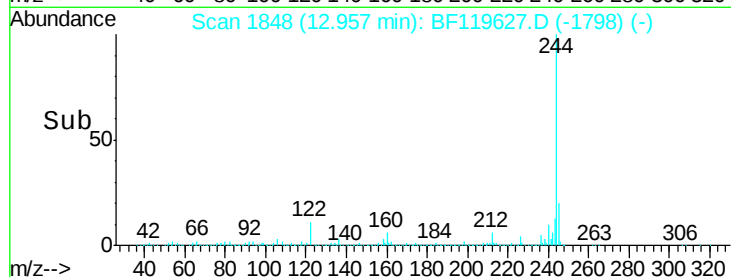
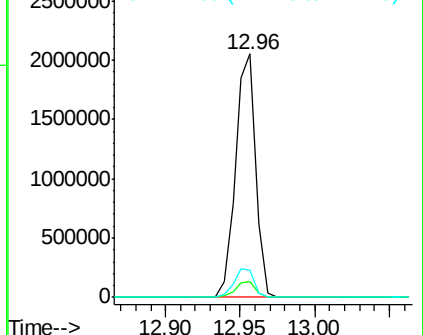
122 11.0 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.91 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

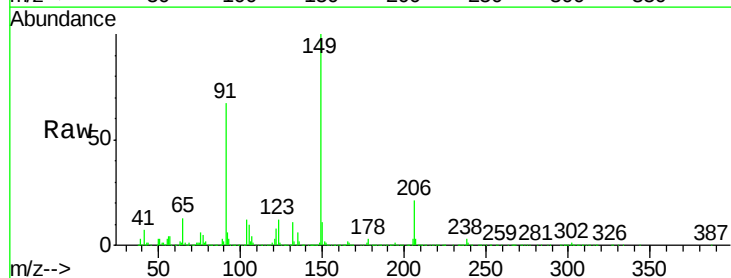
Tgt Ion:149 Resp: 660842

Ion Ratio Lower Upper

149 100

91 67.3 54.7 82.1

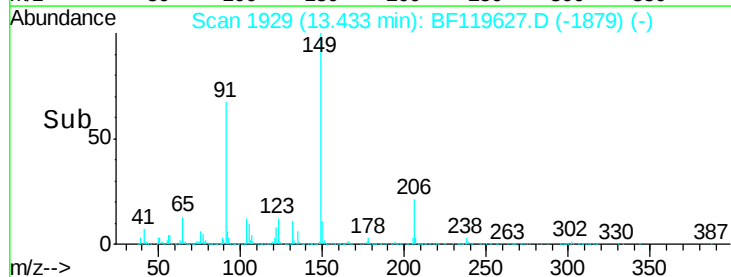
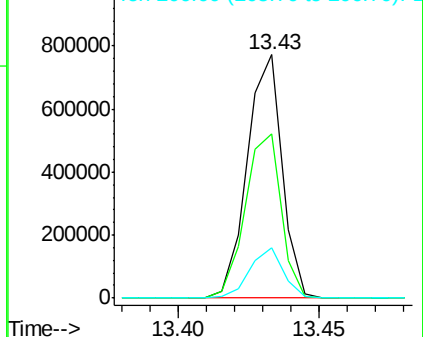
206 20.8 16.2 24.2

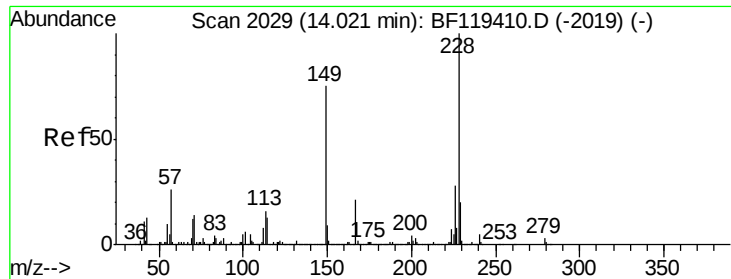


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.22 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

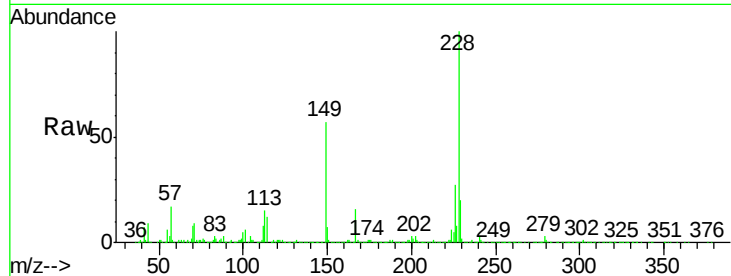
Tgt Ion:228 Resp: 1272139

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

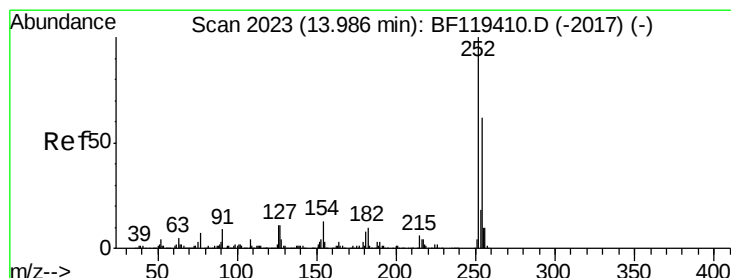
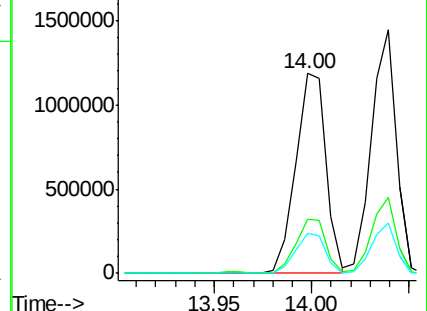
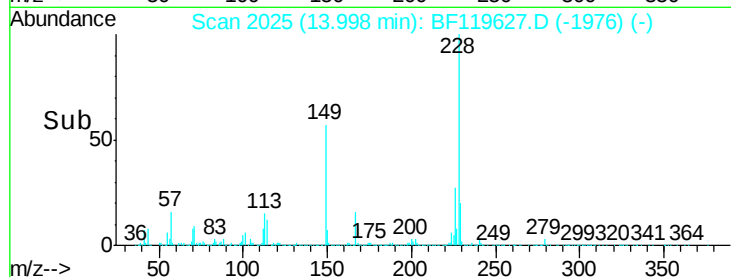
229 19.9 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.28 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

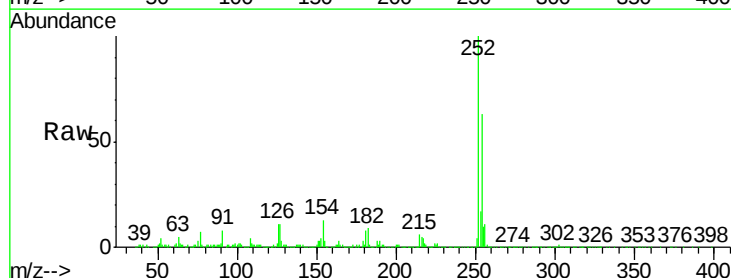
Tgt Ion:252 Resp: 540756

Ion Ratio Lower Upper

252 100

254 63.0 51.2 76.8

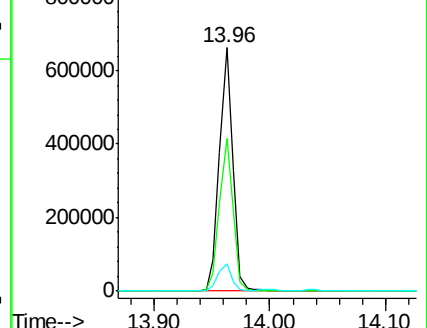
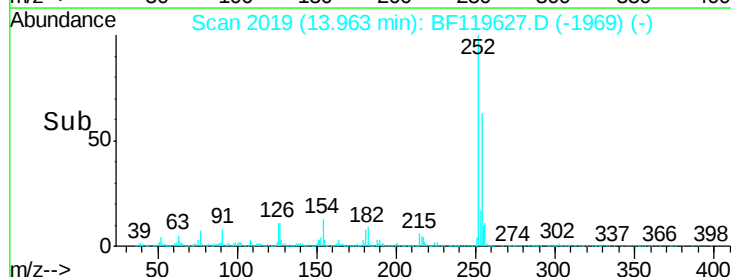
126 11.1 9.6 14.4

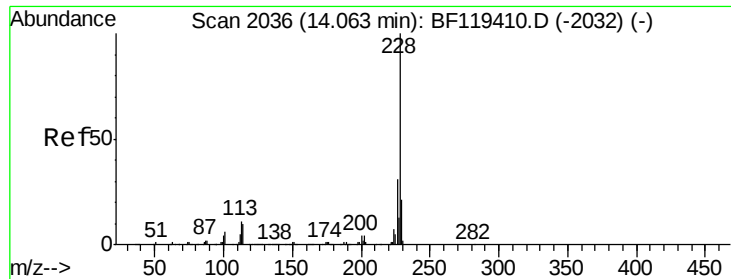


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.30 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

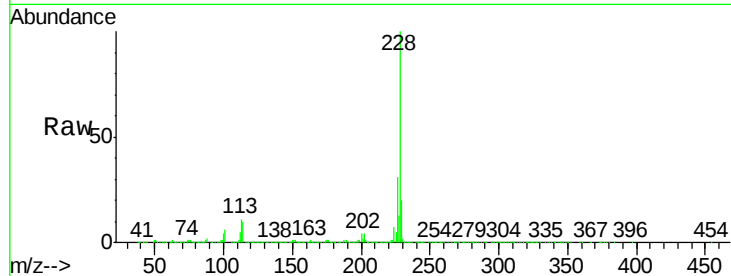
Tgt Ion:228 Resp: 1282361

Ion Ratio Lower Upper

228 100

226 31.0 25.4 38.0

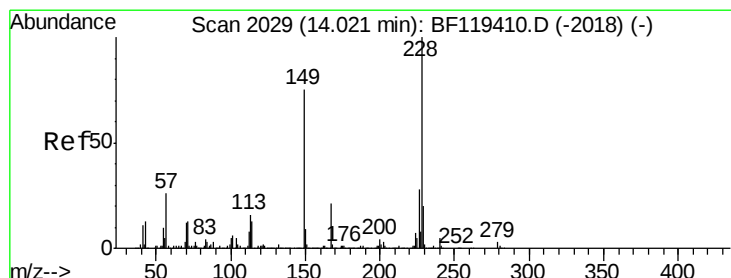
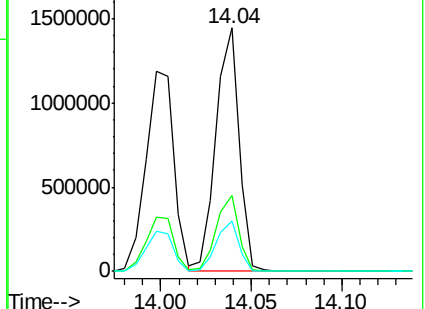
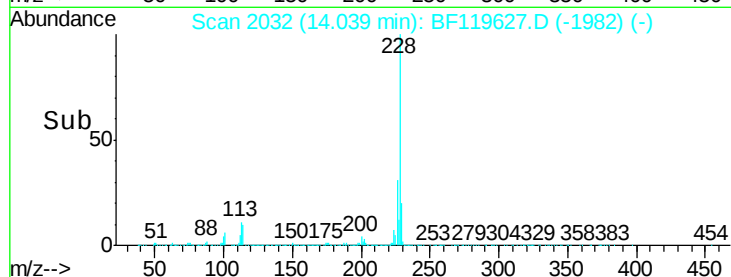
229 20.5 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.28 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

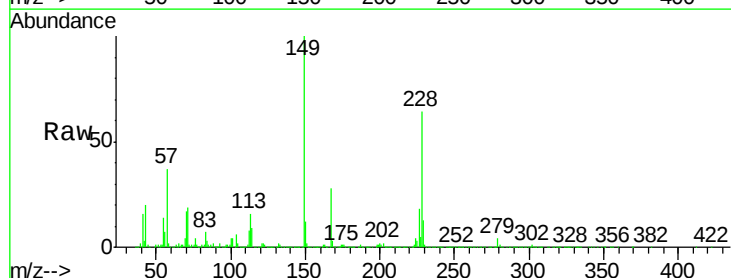
Tgt Ion:149 Resp: 874135

Ion Ratio Lower Upper

149 100

167 27.7 21.3 31.9

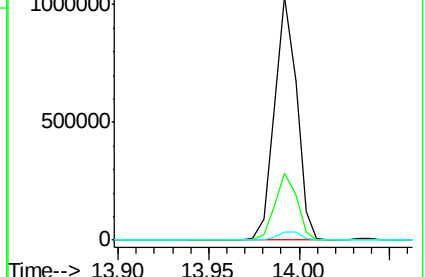
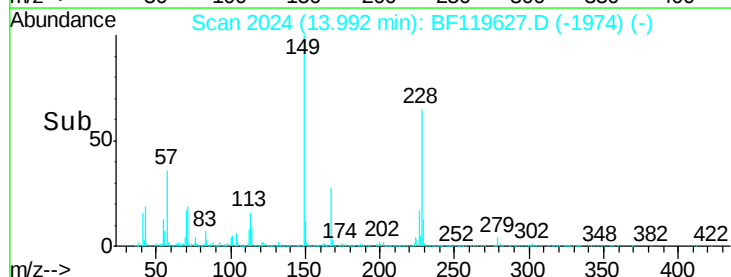
279 3.5 2.7 4.1

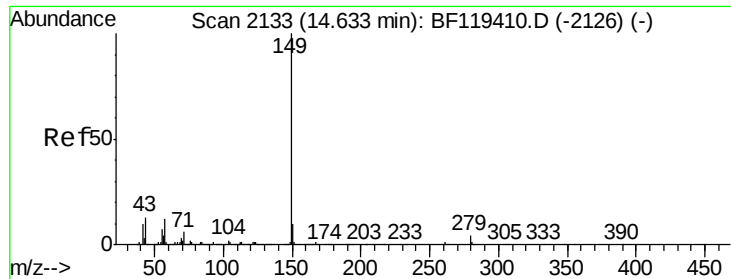


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.67 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

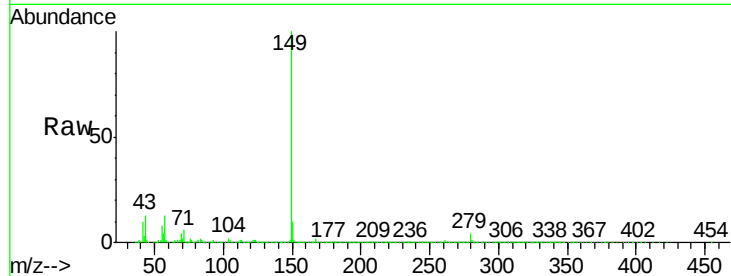
Tgt Ion:149 Resp: 1620221

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

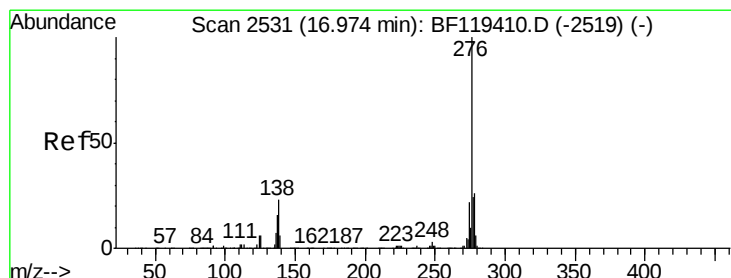
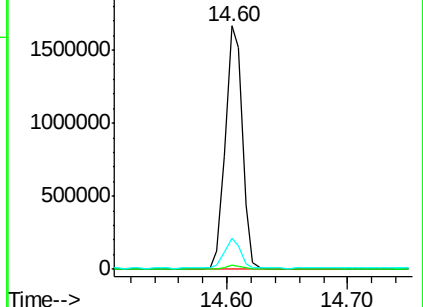
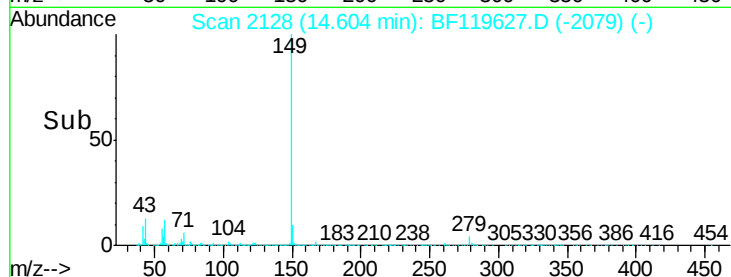
43 12.0 9.3 13.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 32.06 ng

RT: 16.94 min Scan# 2525

Delta R.T. -0.01 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

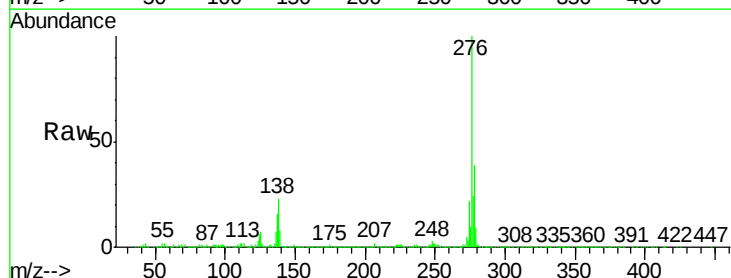
Tgt Ion:276 Resp: 1010728

Ion Ratio Lower Upper

276 100

138 25.8 19.6 29.4

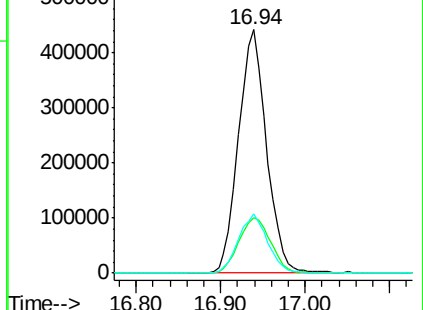
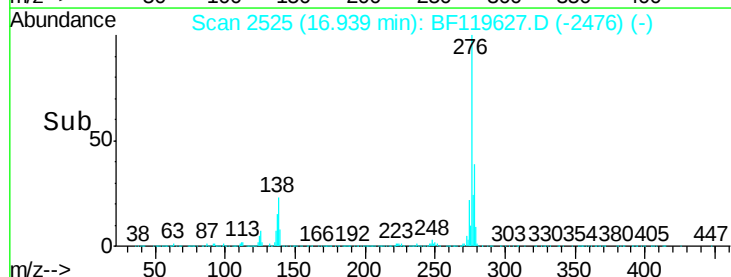
277 24.9 20.0 30.0

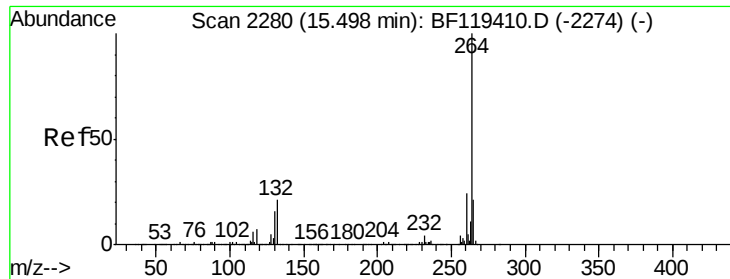


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.00 ng

RT: 15.47 min Scan# 2276

Delta R.T. -0.01 min

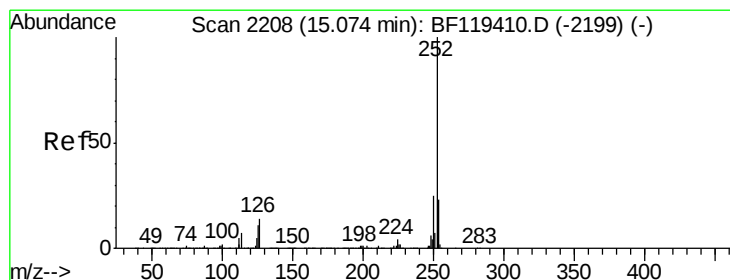
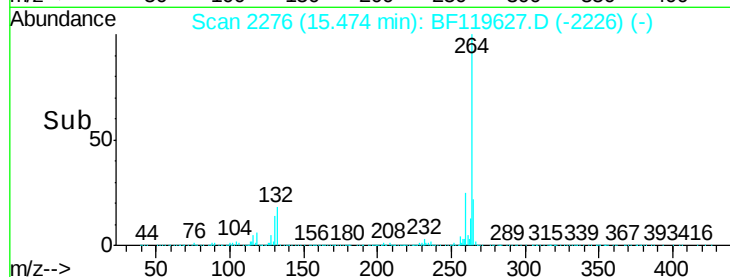
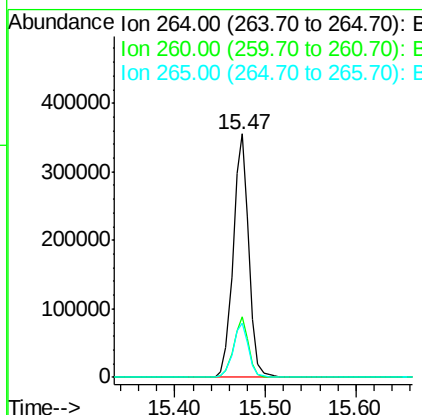
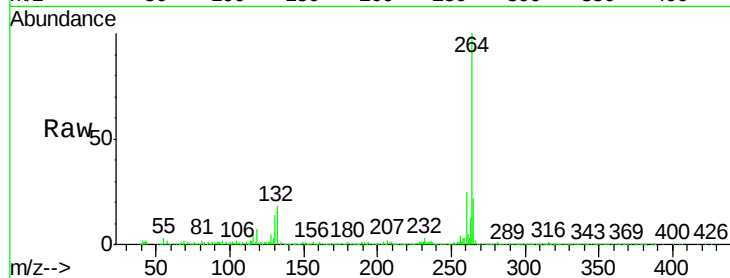
Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 264 Resp: 425226

Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.7	28.1
265	22.3	17.7	26.5



#88

Benzo(b)fluoranthene

Concen: 43.27 ng

RT: 15.04 min Scan# 2203

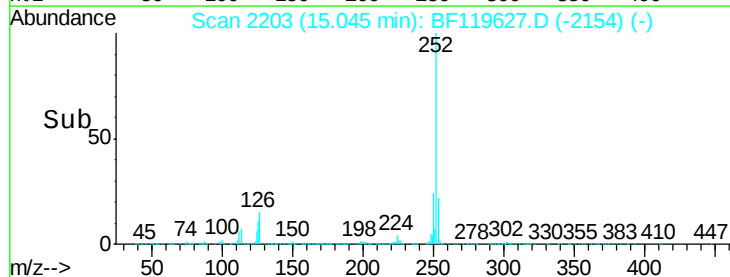
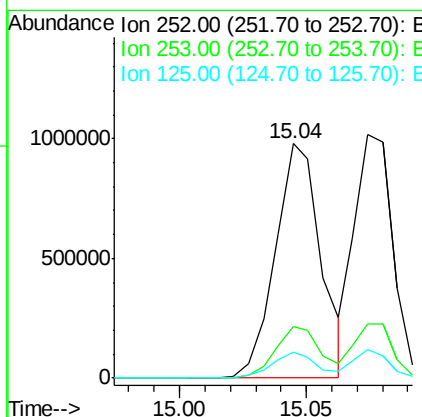
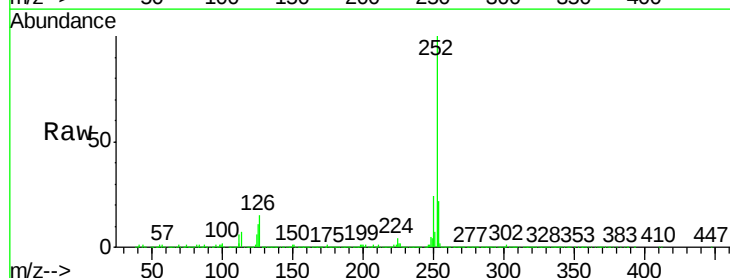
Delta R.T. -0.01 min

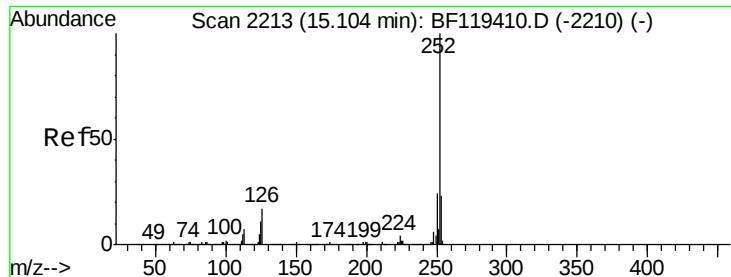
Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

Tgt Ion: 252 Resp: 1229212

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	11.0	7.9	11.9





#89

Benzo(k)fluoranthene

Concen: 39.75 ng

RT: 15.07 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

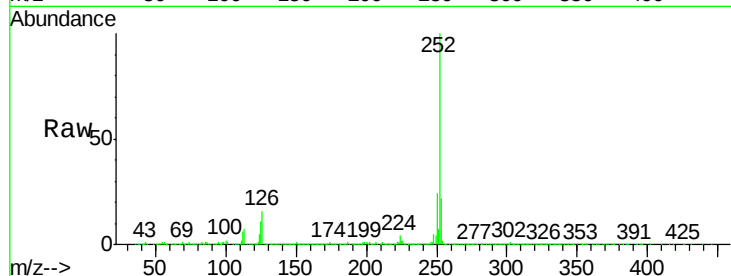
Tgt Ion:252 Resp: 1075008

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

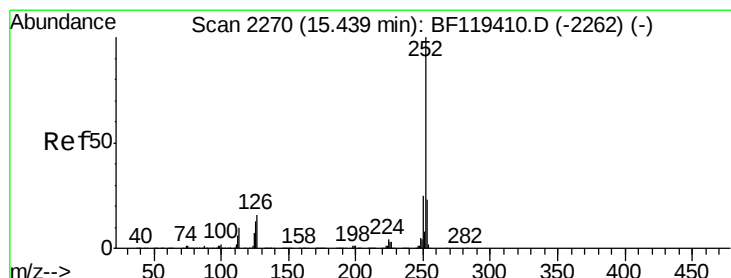
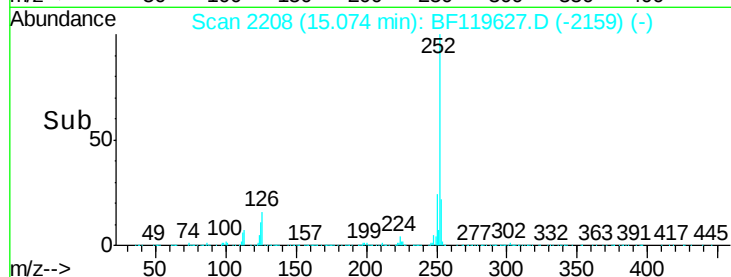
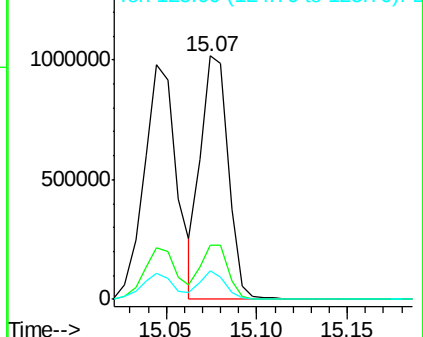
125 11.5 8.4 12.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.98 ng

RT: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

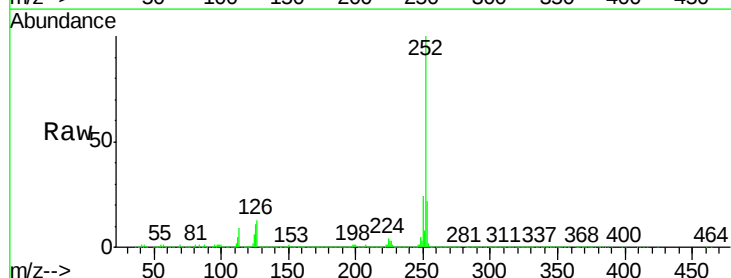
Tgt Ion:252 Resp: 1031997

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.2

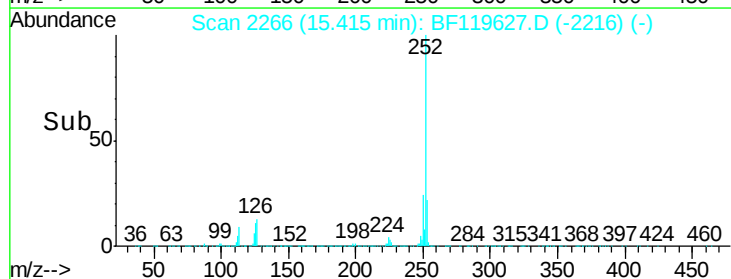
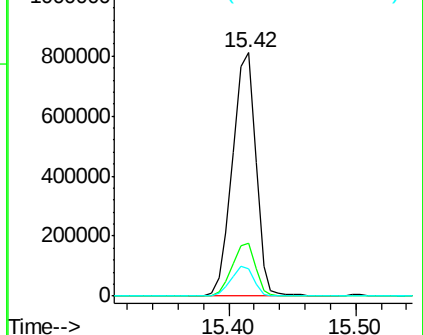
125 11.0 9.4 14.2

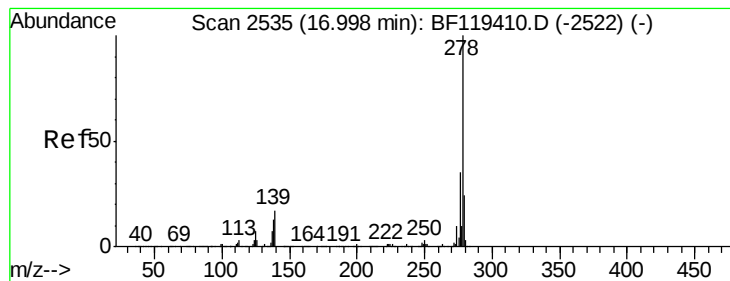


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 38.14 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.01 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

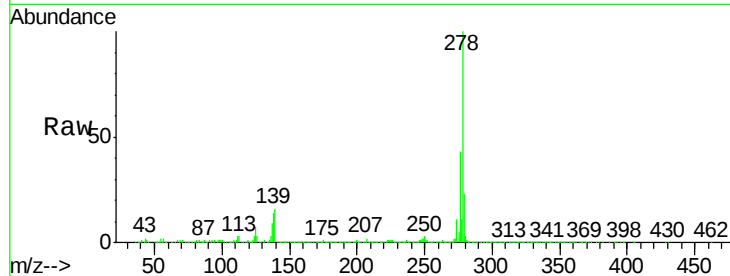
Tgt Ion:278 Resp: 861139

Ion Ratio Lower Upper

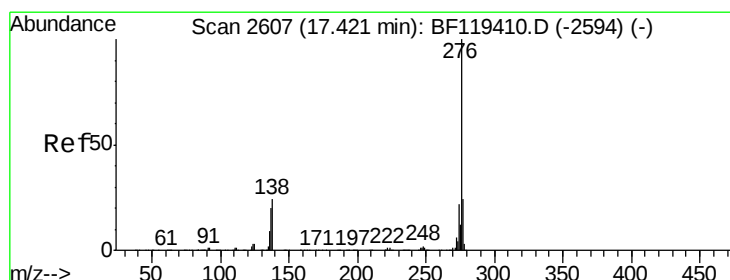
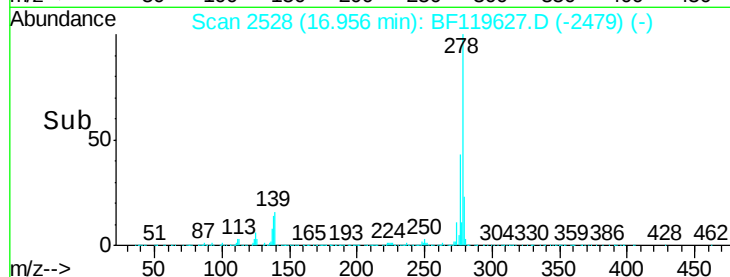
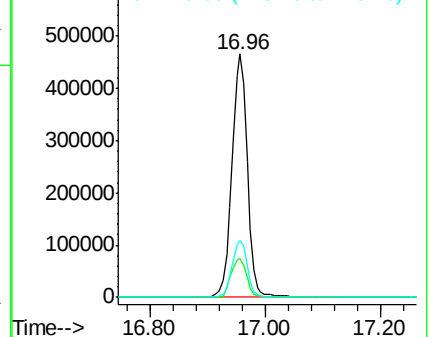
278 100

139 15.9 12.6 19.0

279 23.2 19.0 28.6



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: 35.46 ng

RT: 17.38 min Scan# 2600

Delta R.T. -0.02 min

Lab File: BF119627.D

Acq: 28 Mar 2020 20:02

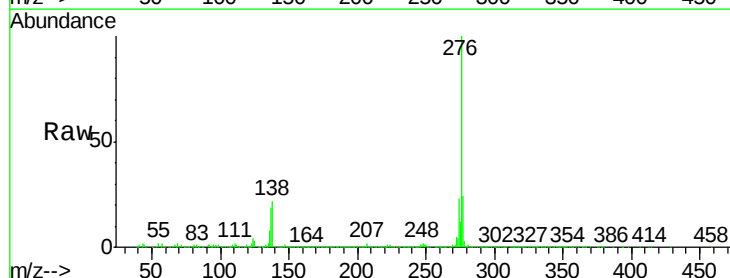
Tgt Ion:276 Resp: 804422

Ion Ratio Lower Upper

276 100

277 24.0 18.4 27.6

138 21.8 15.4 23.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

