

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032020\
 Data File : BF119466.D
 Acq On : 20 Mar 2020 10:28
 Operator : CG/JU
 Sample : L1917-06RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 20 11:16:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

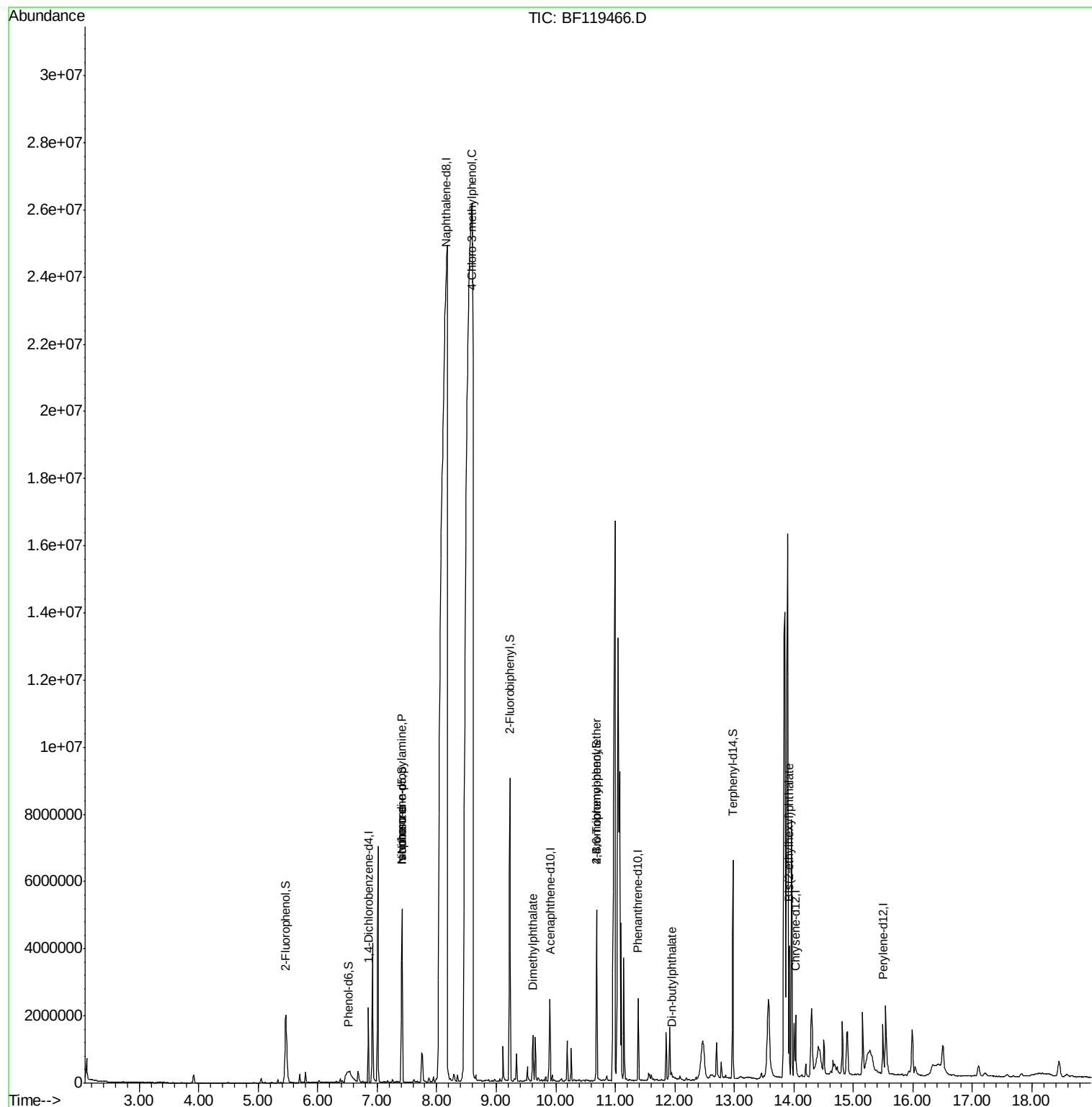
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	301165	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	438255	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	520225	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	885377	20.00	ng	0.00
76) Chrysene-d12	14.03	240	630503	20.00	ng	0.00
87) Perylene-d12	15.50	264	685014	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1088103	57.52	ng	0.00
7) Phenol-d6	6.51	99	824546	34.12	ng	0.04
23) Nitrobenzene-d5	7.42	82	1713042	212.43	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	605710	112.86	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	2714940	77.31	ng	0.00
79) Terphenyl-d14	12.97	244	2425363	75.37	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	229503	15.755	ng	# 75
25) Isophorone	7.42	82	1689971	103.313	ng	# 66
36) 4-Chloro-3-methylphenol	8.59	107	2950355	418.726	ng	# 19
50) Dimethylphthalate	9.62	163	447091	12.099	ng	100
67) 4-Bromophenyl-phenylether	10.69	248	38121	3.781	ng	# 1
74) Di-n-butylphthalate	11.95	149	104373	2.113	ng	98
84) Bis(2-ethylhexyl)phthalate	13.92	149	879350	35.247	ng	# 53

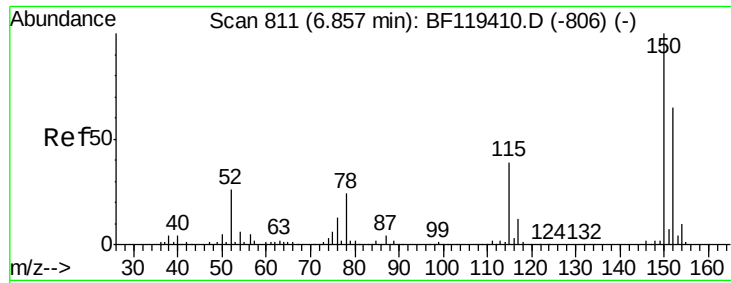
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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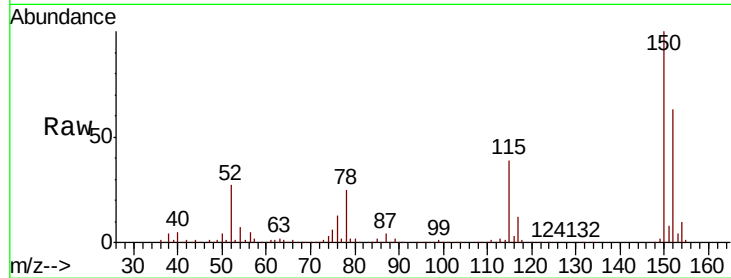




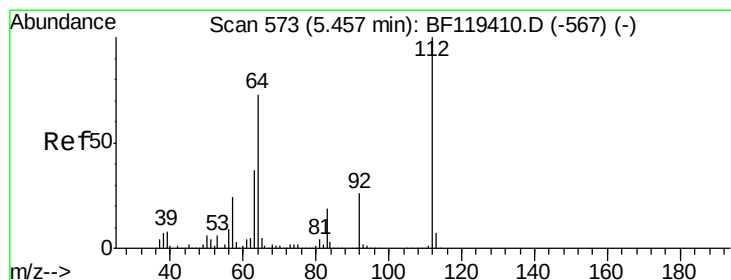
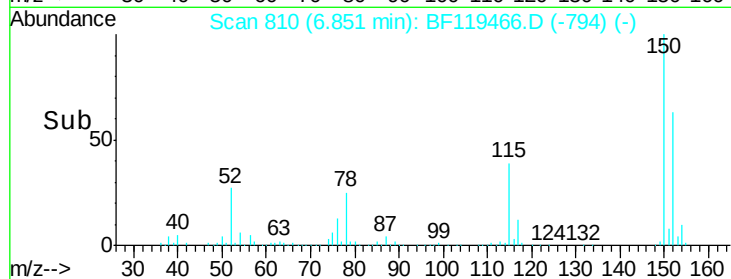
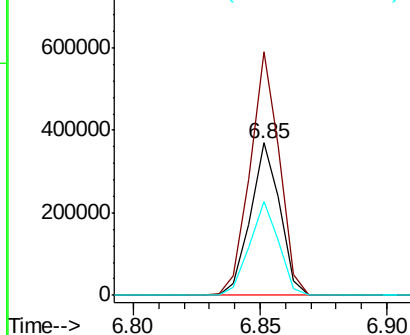
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF119466.D
 Acq: 20 Mar 2020 10:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 301165
 Ion Ratio Lower Upper
 152 100
 150 159.5 123.9 185.9
 115 61.5 47.8 71.6

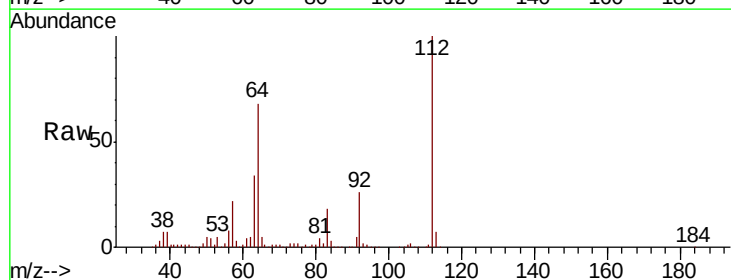


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

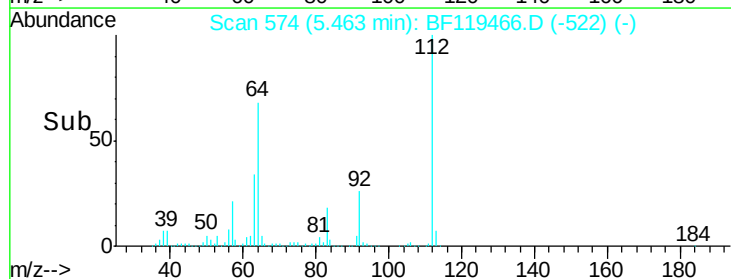
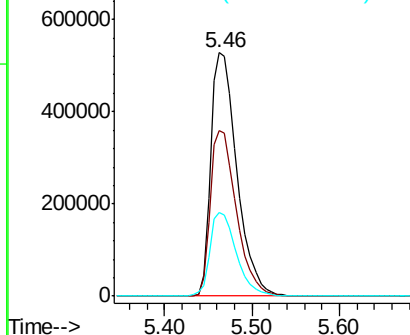


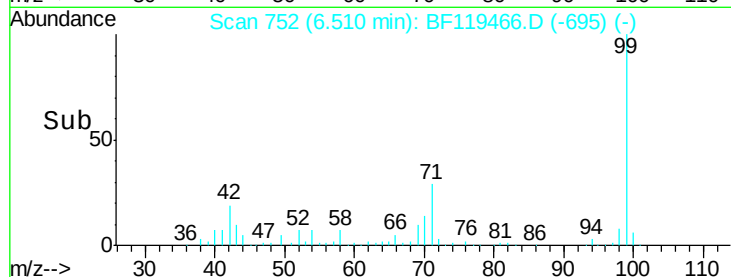
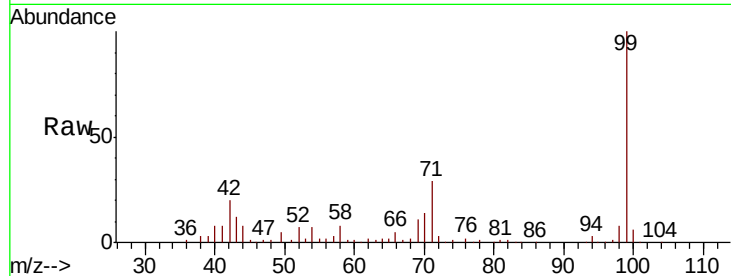
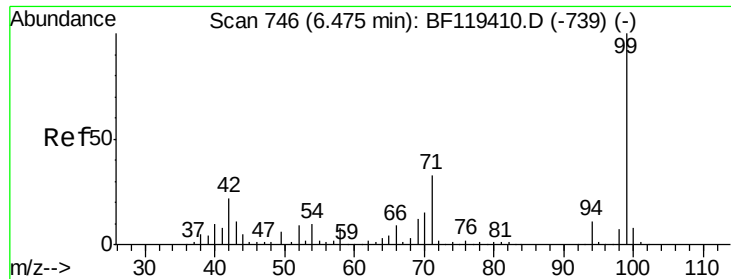
#5
 2-Fluorophenol
 Concen: 57.515 ng
 RT: 5.46 min Scan# 574
 Delta R.T. 0.01 min
 Lab File: BF119466.D
 Acq: 20 Mar 2020 10:28

Tgt Ion:112 Resp: 1088103
 Ion Ratio Lower Upper
 112 100
 64 67.9 58.1 87.1
 63 34.4 29.7 44.5



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





#7

Phenol-d6

Concen: 34.119 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.04 min

Lab File: BF119466.D

Acq: 20 Mar 2020 10:28

Instrument :

BNA_F

ClientSampled :

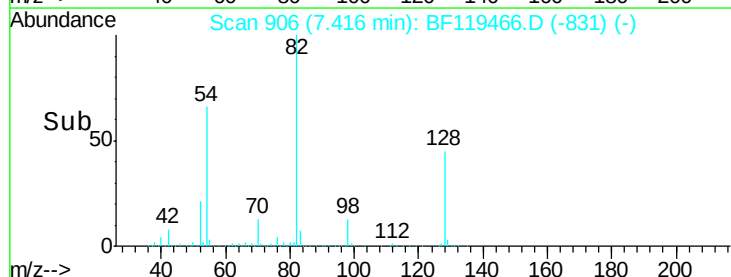
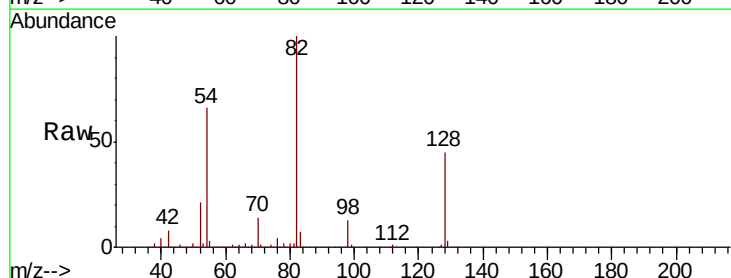
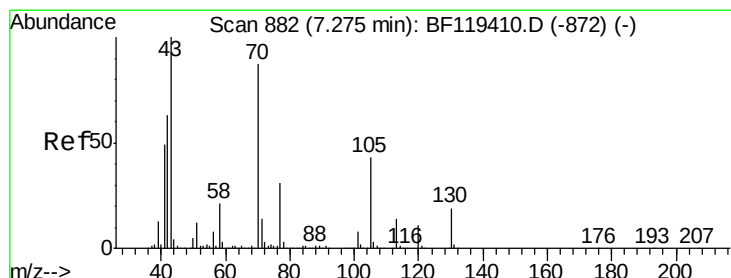
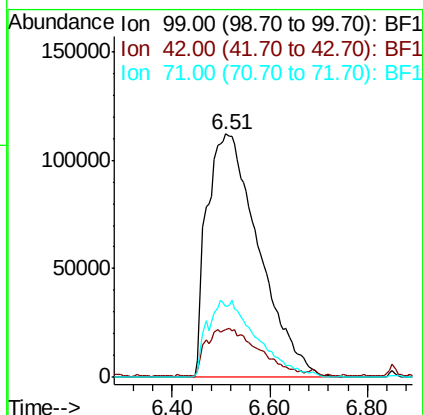
Tot Ion: 99 Resp: 824546

Ion Ratio Lower Upper

99 100

42 19.6 17.8 26.6

71 28.9 26.0 39.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.755 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.14 min

Lab File: BF119466.D

Acq: 20 Mar 2020 10:28

Tgt Ion: 70 Resp: 229503

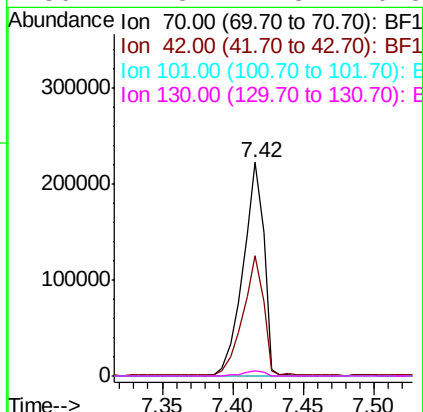
Ion Ratio Lower Upper

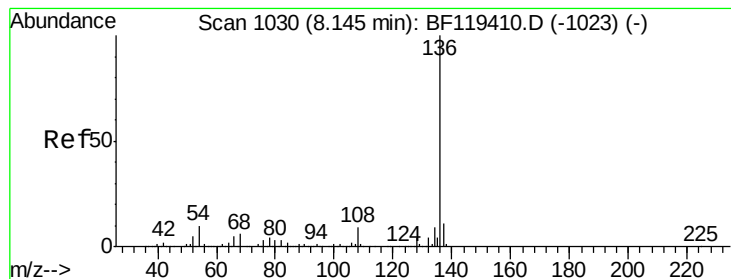
70 100

42 56.5 58.2 87.4#

101 0.0 7.4 11.2#

130 2.3 17.8 26.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF119466.D

Acq: 20 Mar 2020 10:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 438255

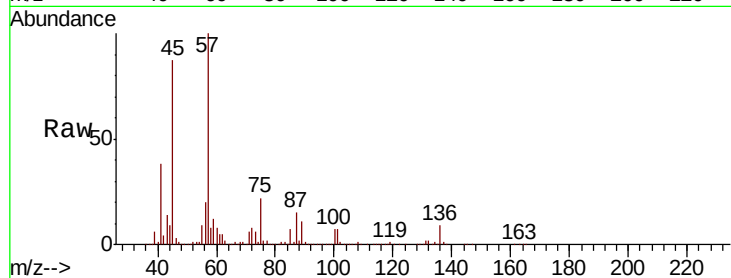
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 13.7 8.3 12.5#

68 6.8 4.9 7.3

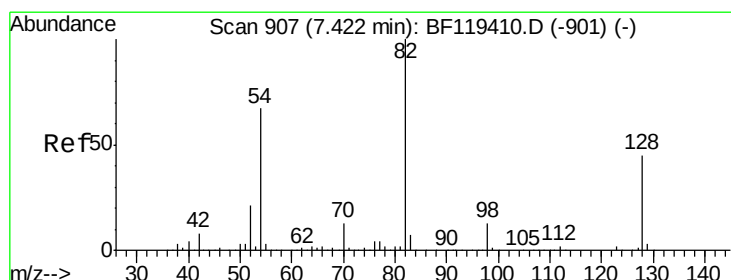
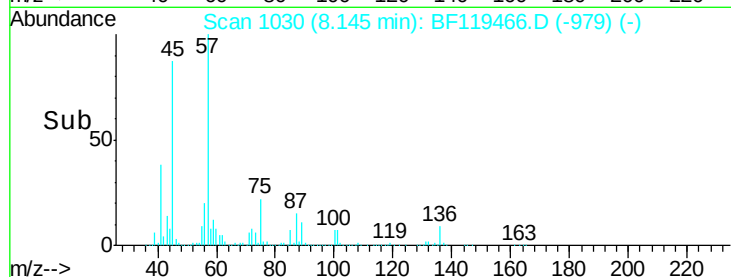
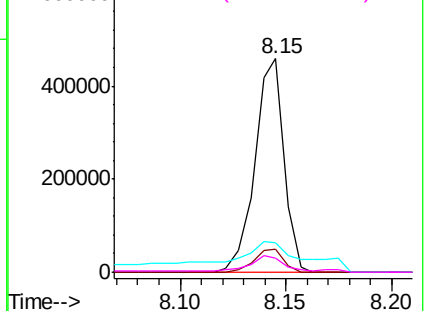


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 212.434 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF119466.D

Acq: 20 Mar 2020 10:28

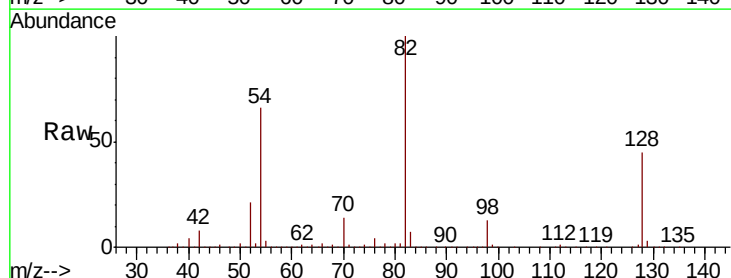
Tgt Ion: 82 Resp: 1713042

Ion Ratio Lower Upper

82 100

128 44.9 35.8 53.8

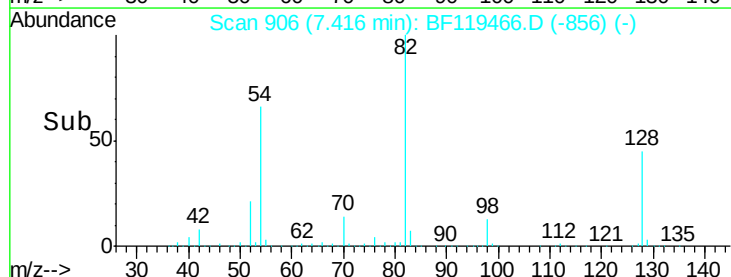
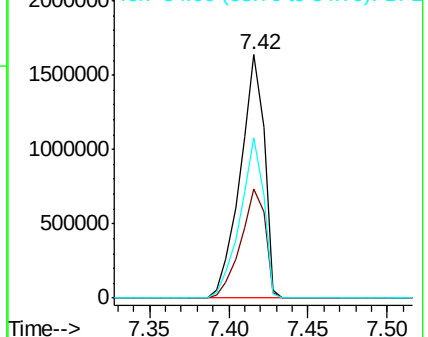
54 66.1 53.4 80.0

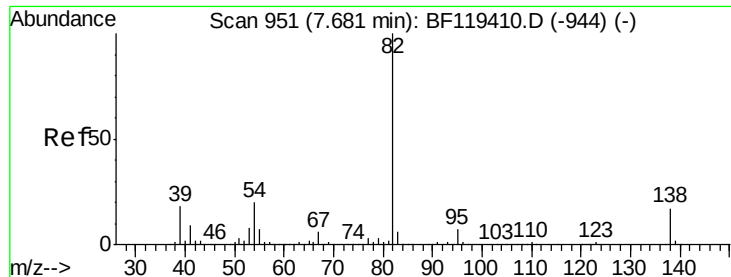


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 103.313 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF119466.D

Acq: 20 Mar 2020 10:28

Instrument :

BNA_F

ClientSampleId :

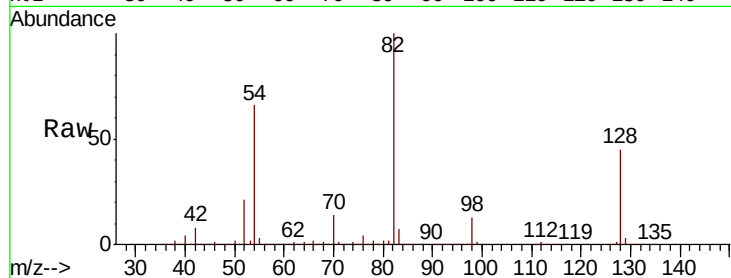
Tot Ion: 82 Resp: 1689971

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

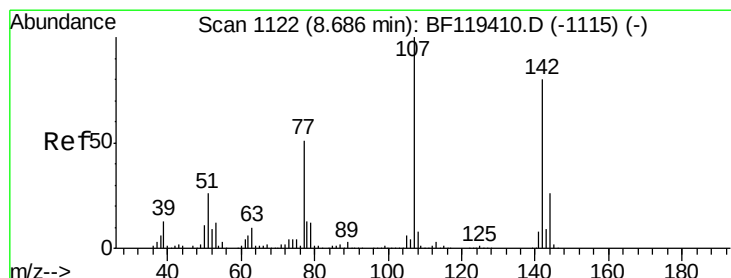
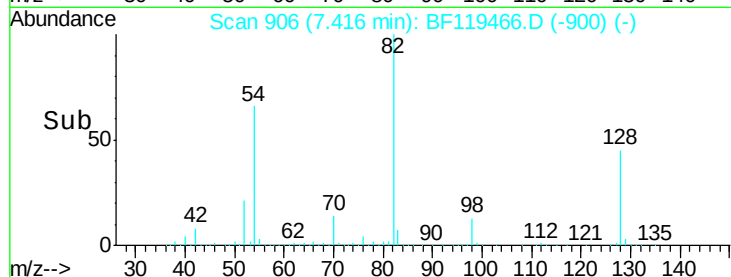
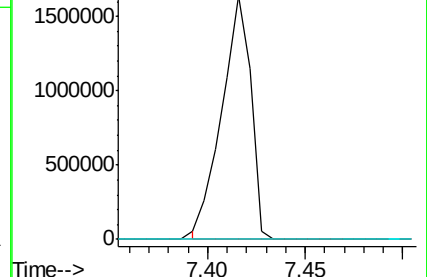
138 0.0 13.8 20.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 418.726 ng

RT: 8.59 min Scan# 1106

Delta R.T. -0.09 min

Lab File: BF119466.D

Acq: 20 Mar 2020 10:28

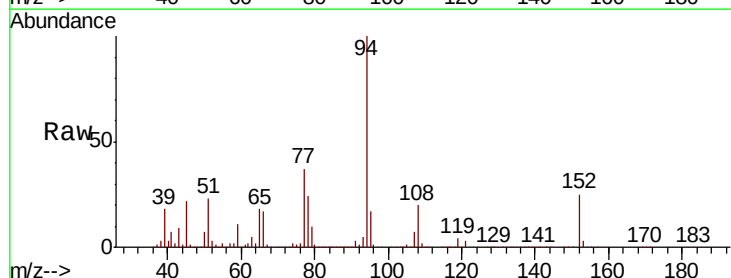
Tgt Ion: 107 Resp: 2950355

Ion Ratio Lower Upper

107 100

144 0.1 20.6 31.0#

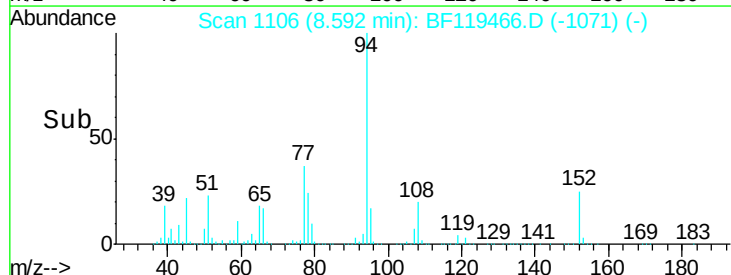
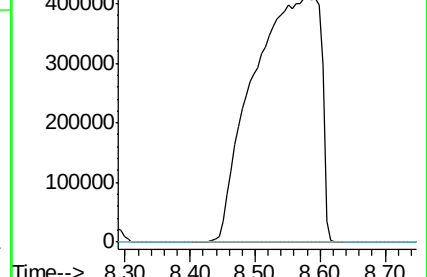
142 0.0 63.8 95.6#

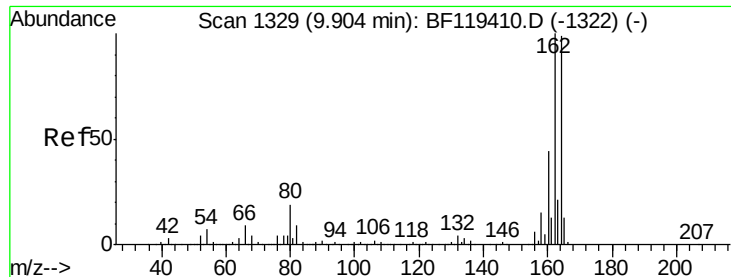


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

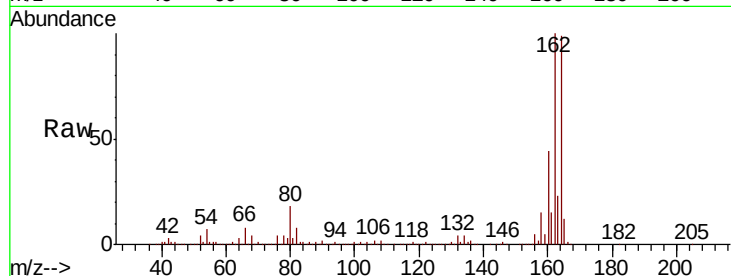




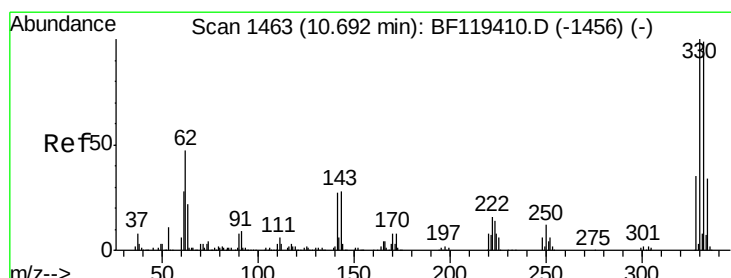
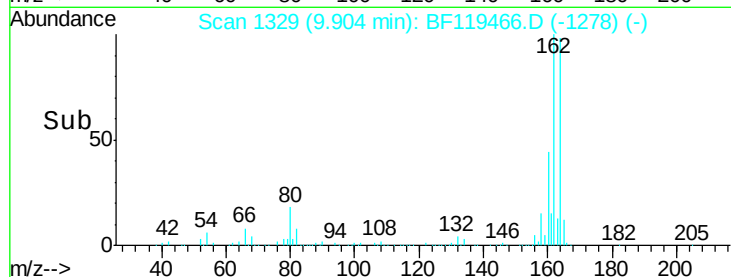
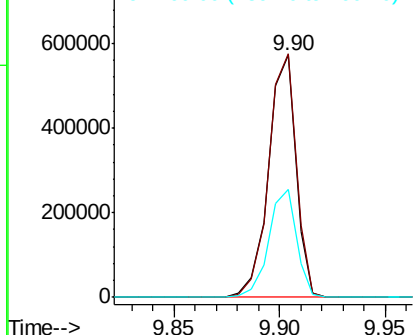
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF119466.D
Acq: 20 Mar 2020 10:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.7	121.1
160	44.4	35.5	53.3

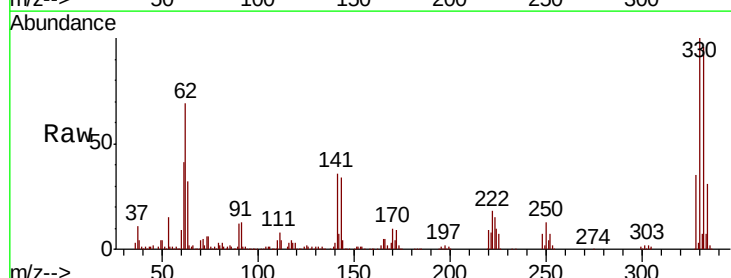


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

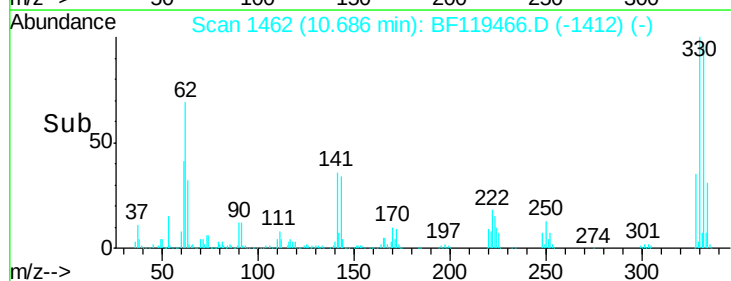
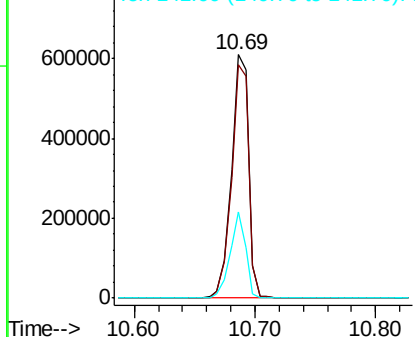


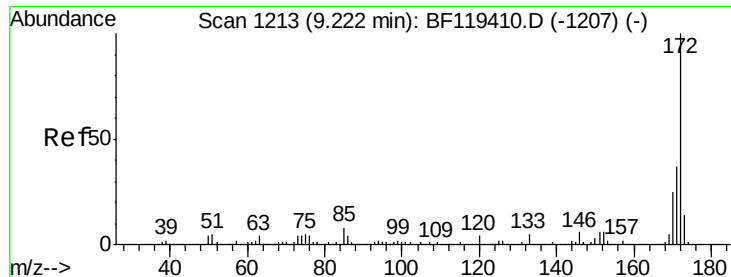
#42
2,4,6-Tribromophenol
Concen: 112.859 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF119466.D
Acq: 20 Mar 2020 10:28

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.6	116.4
141	32.1	26.6	40.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

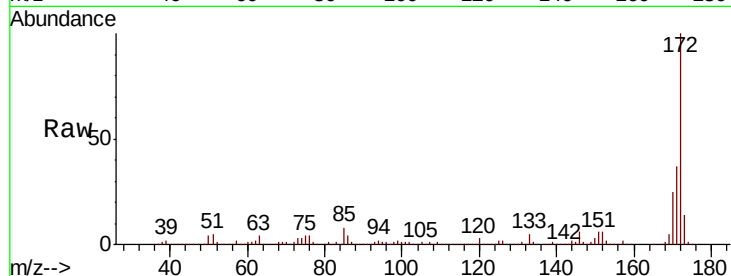




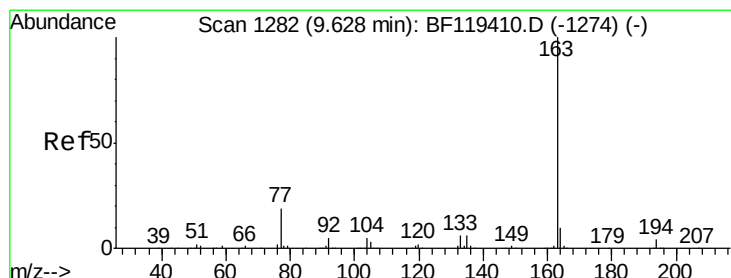
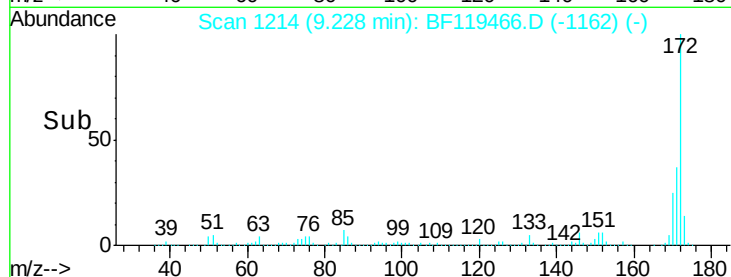
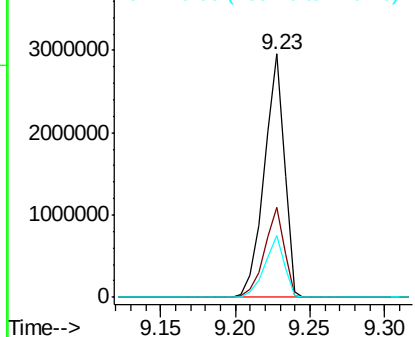
#45
2-Fluorobiphenyl
Concen: 77.315 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.01 min
Lab File: BF119466.D
Acq: 20 Mar 2020 10:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2714940
Ion Ratio Lower Upper
172 100
171 37.2 29.9 44.9
170 25.2 20.1 30.1

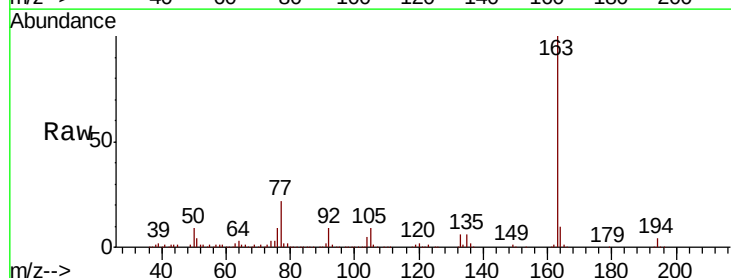


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

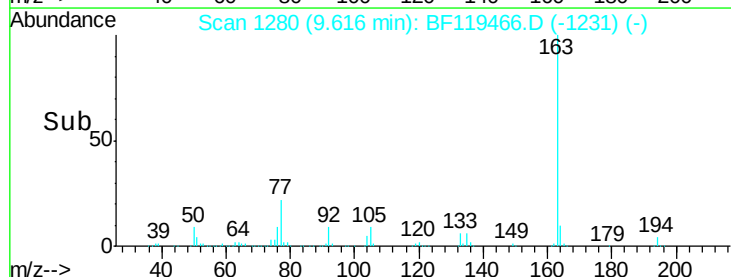
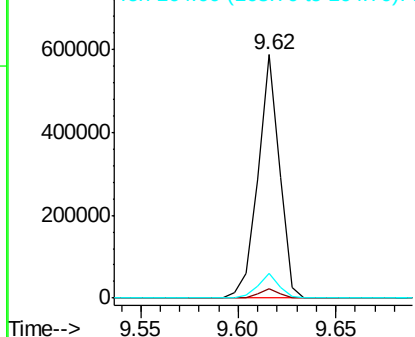


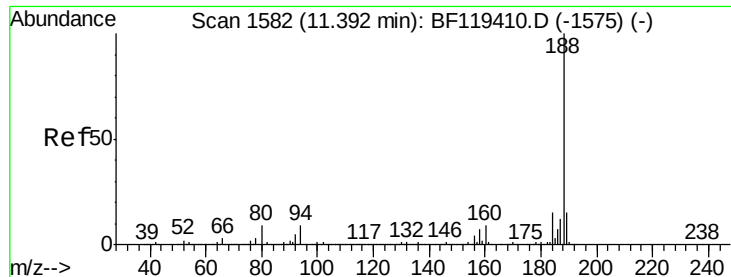
#50
Dimethylphthalate
Concen: 12.099 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF119466.D
Acq: 20 Mar 2020 10:28

Tgt Ion:163 Resp: 447091
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.1 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

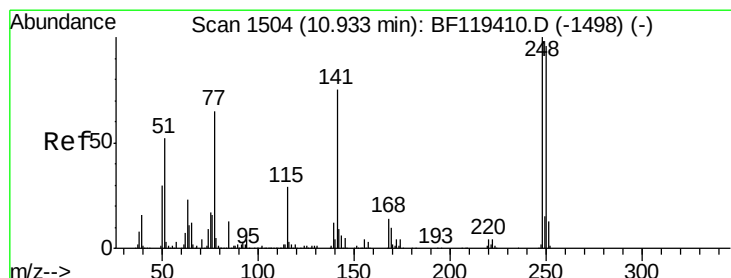
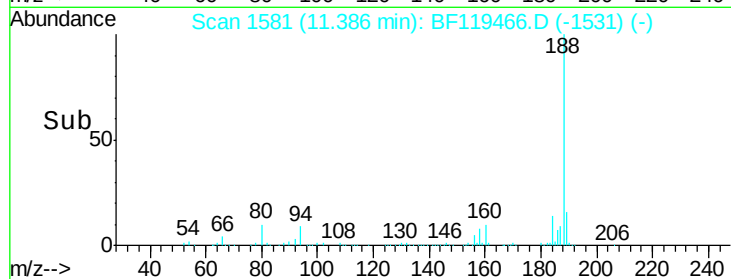
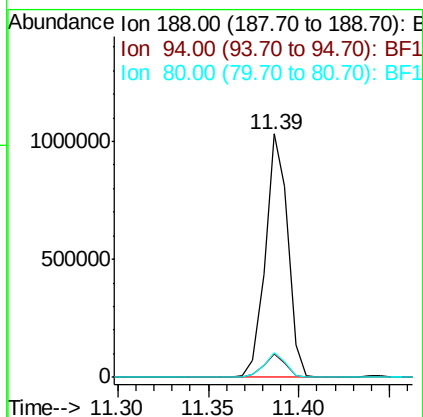
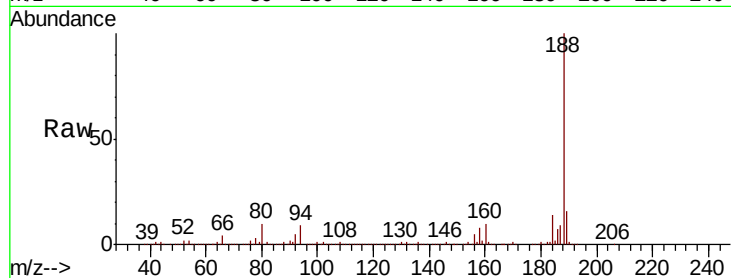




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF119466.D
Acq: 20 Mar 2020 10:28

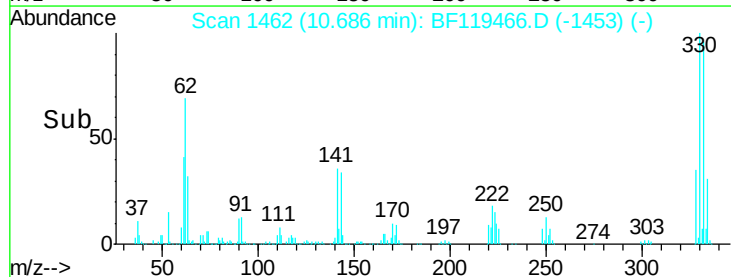
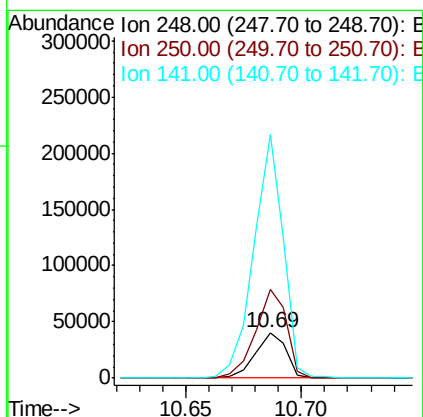
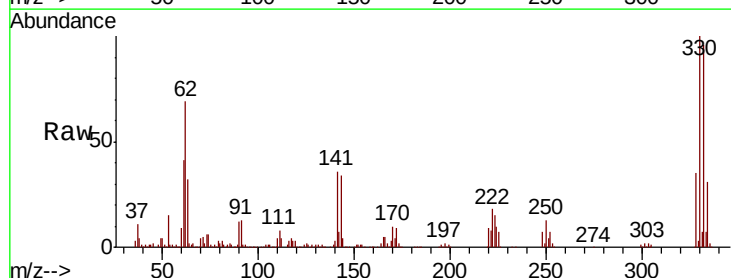
Instrument :
BNA_F
ClientSampled :

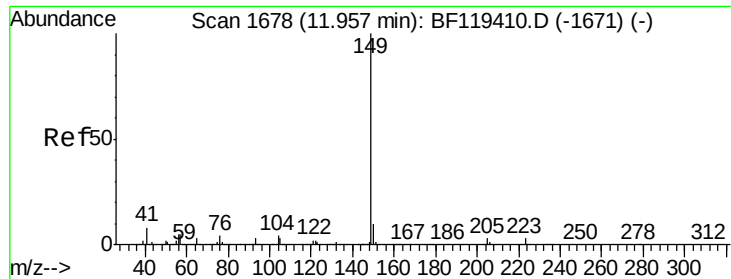
Tot Ion:188 Resp: 885377
Ion Ratio Lower Upper
188 100
94 9.4 7.1 10.7
80 10.4 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.781 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.25 min
Lab File: BF119466.D
Acq: 20 Mar 2020 10:28

Tgt Ion:248 Resp: 38121
Ion Ratio Lower Upper
248 100
250 193.0 77.0 115.6#
141 531.2 59.7 89.5#





#74

Di-n-butylphthalate

Concen: 2.113 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BF119466.D

Acq: 20 Mar 2020 10:28

Instrument :

BNA_F

ClientSampled :

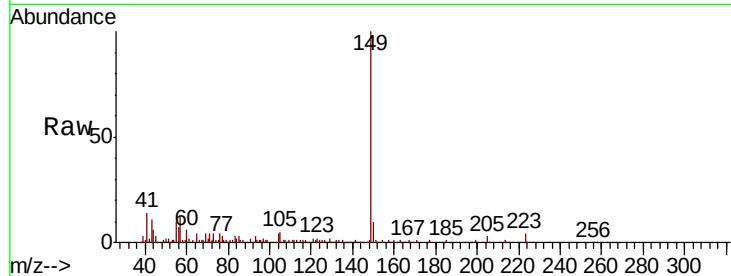
Tot Ion:149 Resp: 104373

Ion Ratio Lower Upper

149 100

150 10.0 7.6 11.4

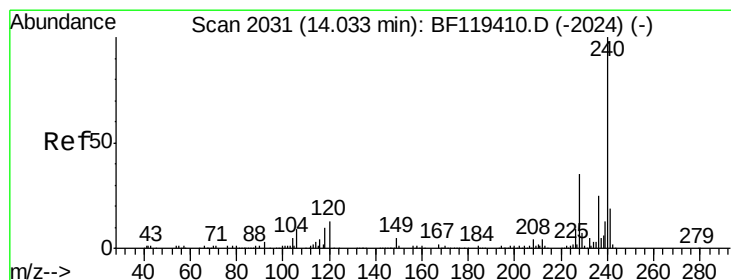
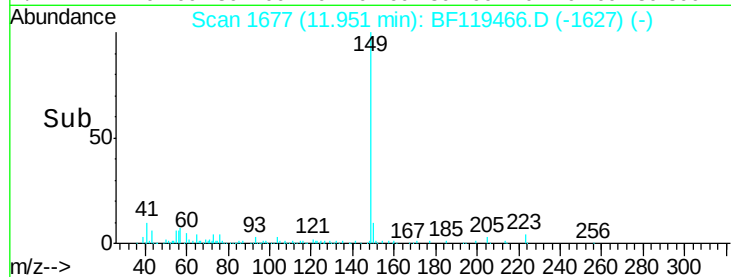
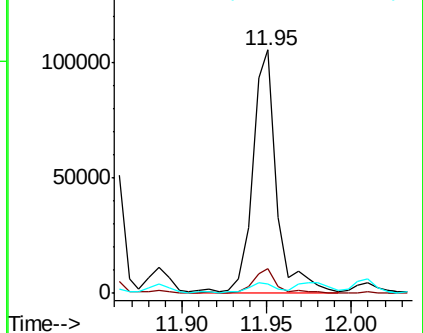
104 3.7 3.5 5.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF119466.D

Acq: 20 Mar 2020 10:28

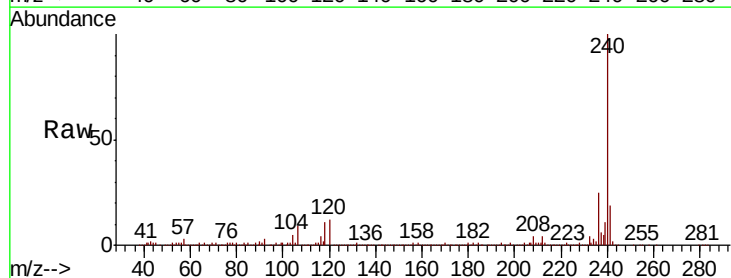
Tgt Ion:240 Resp: 630503

Ion Ratio Lower Upper

240 100

120 12.1 10.2 15.4

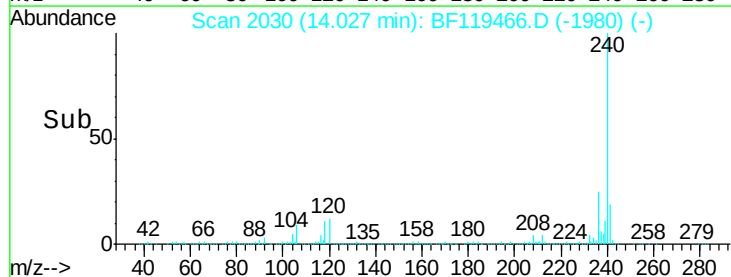
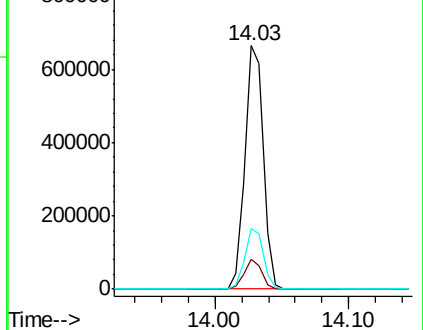
236 25.1 20.4 30.6

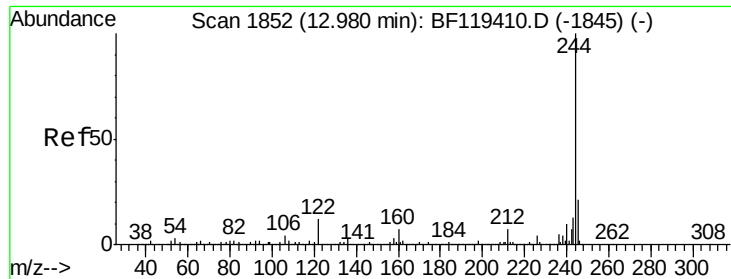


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

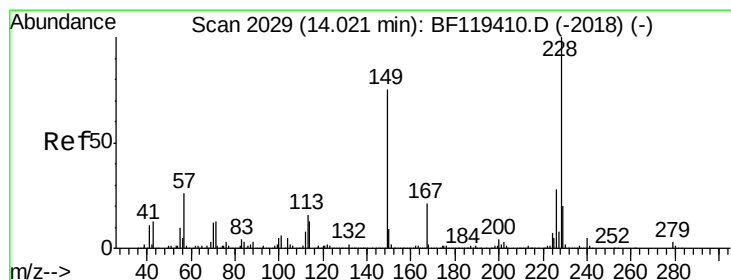
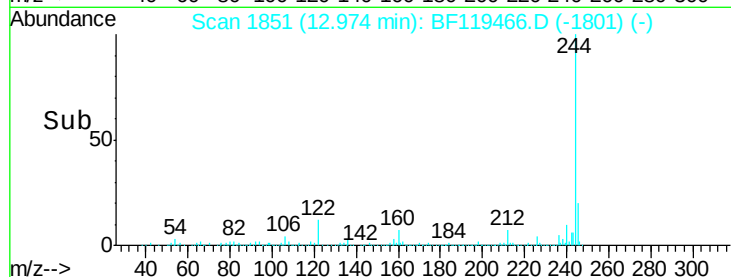
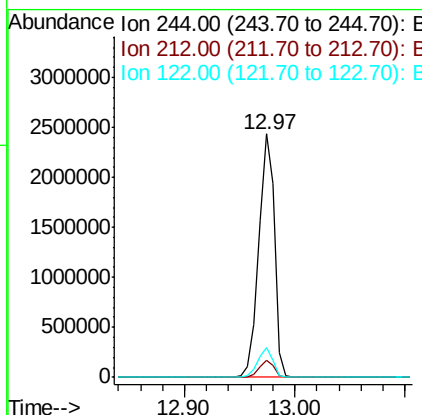
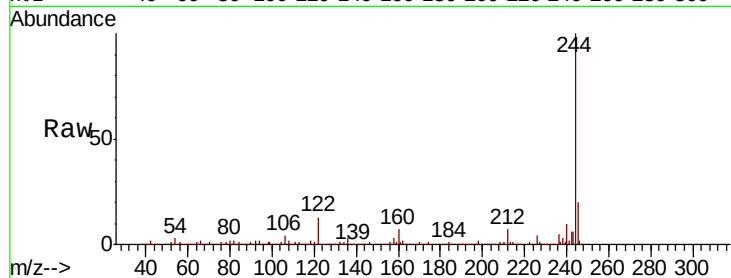




#79
 Terphenyl-d14
 Concen: 75.365 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF119466.D
 Acq: 20 Mar 2020 10:28

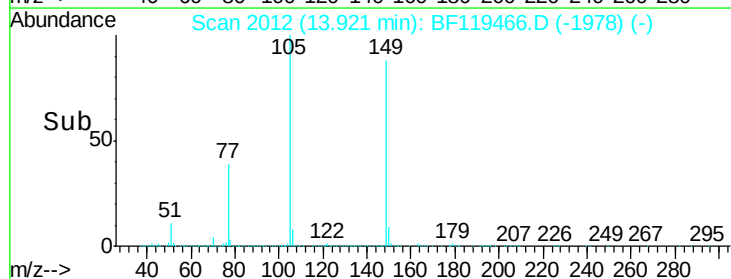
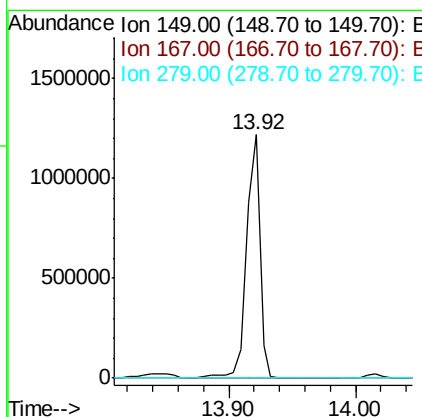
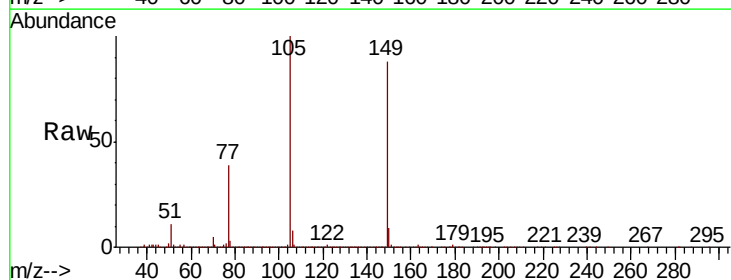
Instrument :
 BNA_F
 ClientSampleId :

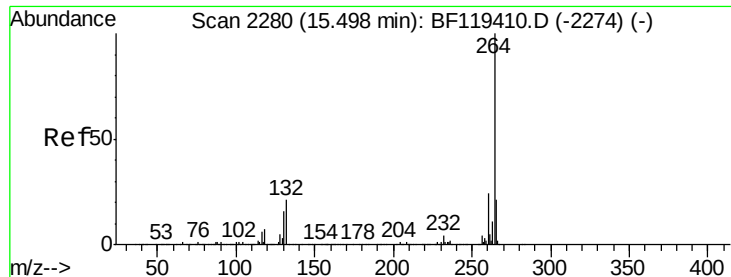
Tot Ion:244 Resp: 2425363
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 12.5 9.8 14.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 35.247 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.10 min
 Lab File: BF119466.D
 Acq: 20 Mar 2020 10:28

Tgt Ion:149 Resp: 879350
 Ion Ratio Lower Upper
 149 100
 167 0.0 22.0 33.0#
 279 0.0 3.2 4.8#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BF119466.D
Acq: 20 Mar 2020 10:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.6	16.9	25.3

