

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
 Data File : BF119670.D
 Acq On : 1 Apr 2020 13:13
 Operator : MA/SJ
 Sample : L1752-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-033020

Quant Time: Apr 01 13:56:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

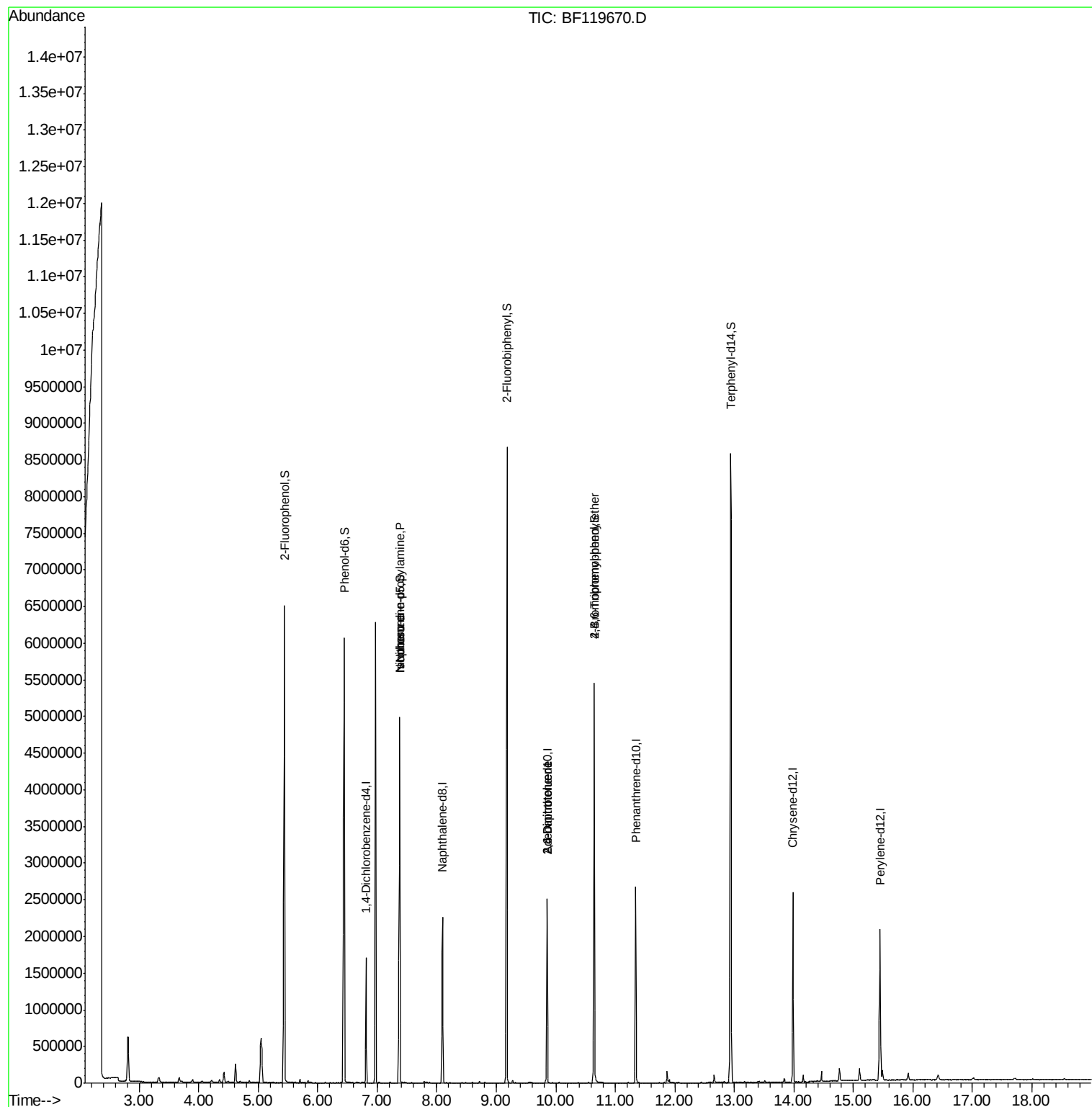
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	255446	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	996662	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	520706	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	1024538	20.00	ng	0.00
76) Chrysene-d12	13.99	240	866706	20.00	ng	-0.01
87) Perylene-d12	15.44	264	903035	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	2064647	128.67	ng	0.03
7) Phenol-d6	6.45	99	2358687	115.07	ng	0.00
23) Nitrobenzene-d5	7.38	82	1780278	97.08	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	848283	157.91	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	3119764	88.76	ng	0.00
79) Terphenyl-d14	12.94	244	3866417	87.40	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	233589	18.906	ng	# 71
25) Isophorone	7.38	82	1777031	47.769	ng	# 65
51) 2,6-Dinitrotoluene	9.86	165	66678	8.411	ng	# 26
57) 2,4-Dinitrotoluene	9.86	165	66678	6.677	ng	# 20
67) 4-Bromophenyl-phenylether	10.65	248	50332	4.314	ng	# 1

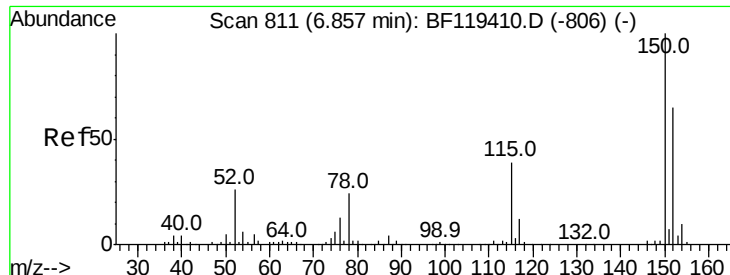
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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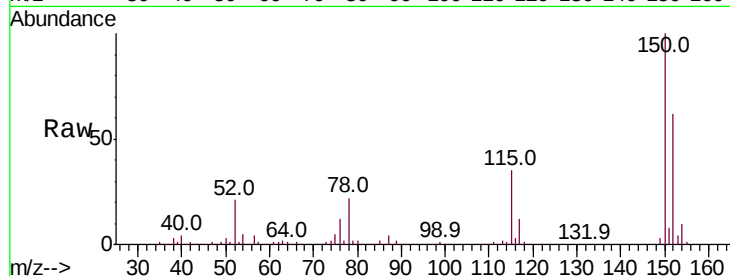


#1

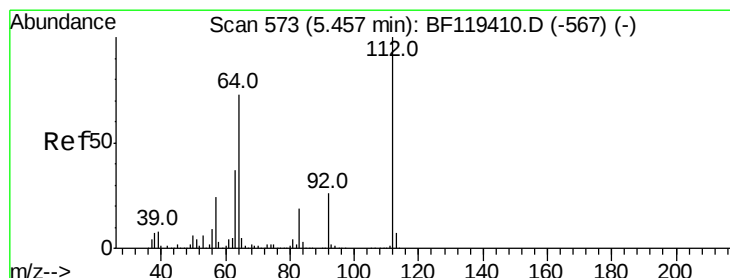
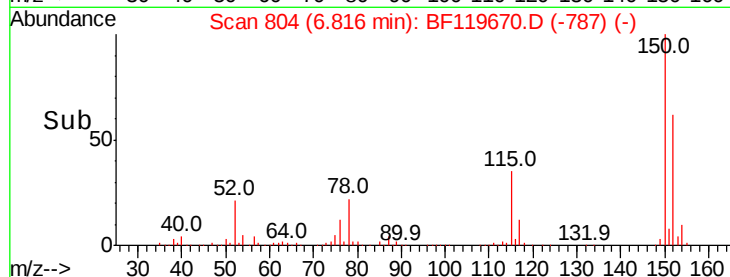
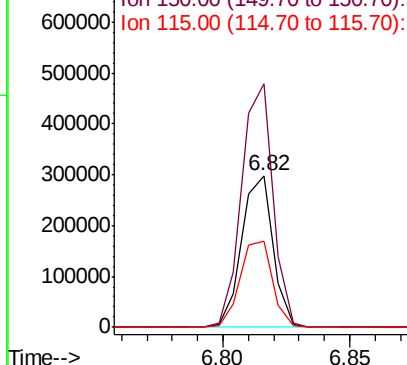
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF119670.D
Acq: 1 Apr 2020 13:13

Instrument :
BNA_F
ClientSampleId :
HD-02-033020

Tot Ion:152 Resp: 255446
Ion Ratio Lower Upper
152 100
150 160.6 124.5 186.7
115 56.5 49.6 74.4



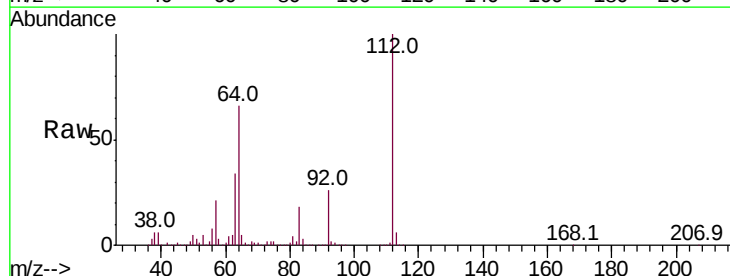
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



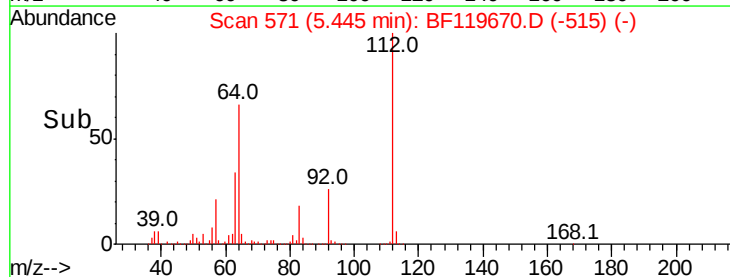
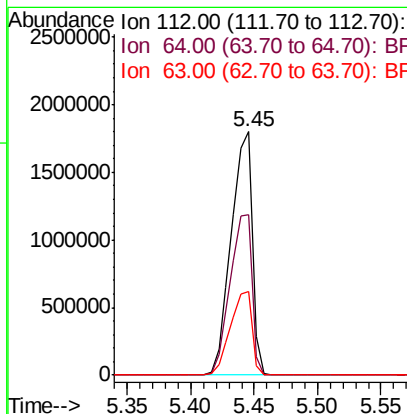
#5

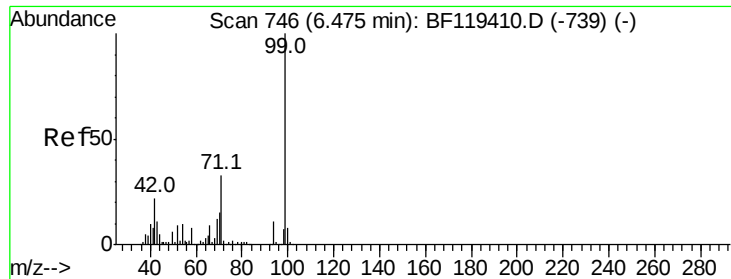
2-Fluorophenol
Concen: 128.666 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.03 min
Lab File: BF119670.D
Acq: 1 Apr 2020 13:13

Tgt Ion:112 Resp: 2064647
Ion Ratio Lower Upper
112 100
64 65.8 56.7 85.1
63 34.4 29.5 44.3



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: 115.067 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF119670.D

Acq: 1 Apr 2020 13:13

Instrument :

BNA_F

ClientSampleId :

HD-02-033020

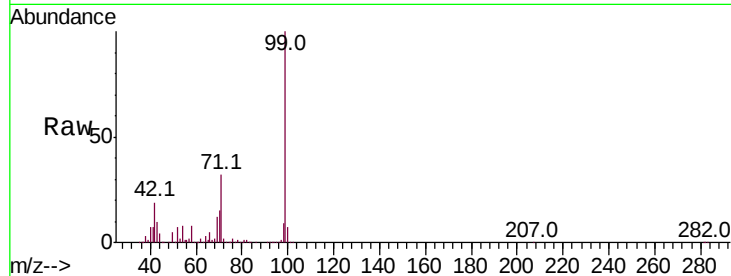
Tot Ion: 99 Resp: 2358687

Ion Ratio Lower Upper

99 100

42 18.9 16.6 24.8

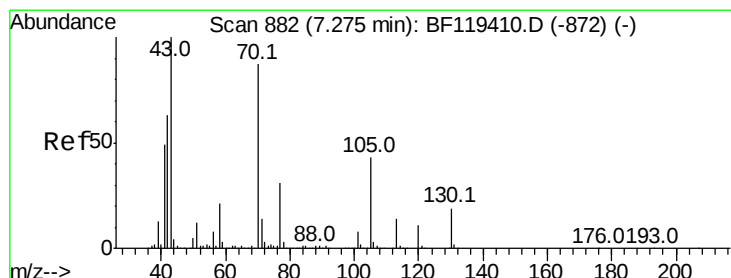
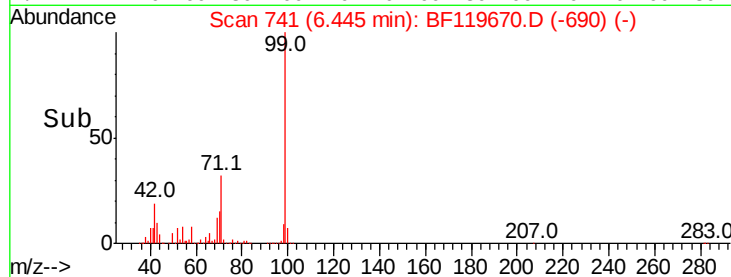
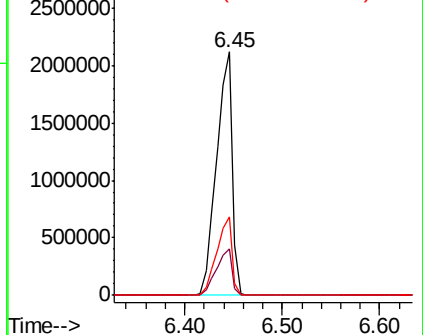
71 32.5 26.4 39.6



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



#19

n-Nitroso-di-n-propylamine

Concen: 18.906 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.15 min

Lab File: BF119670.D

Acq: 1 Apr 2020 13:13

Tgt Ion: 70 Resp: 233589

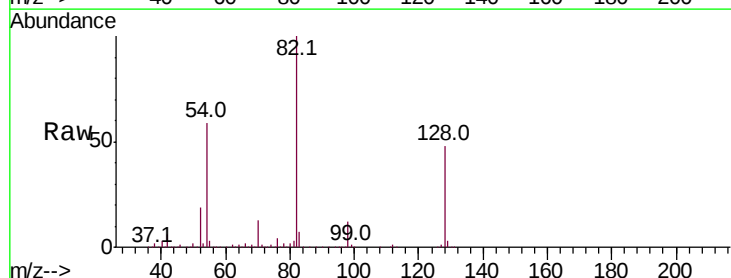
Ion Ratio Lower Upper

70 100

42 48.1 54.5 81.7#

101 0.0 7.6 11.4#

130 2.1 17.6 26.4#

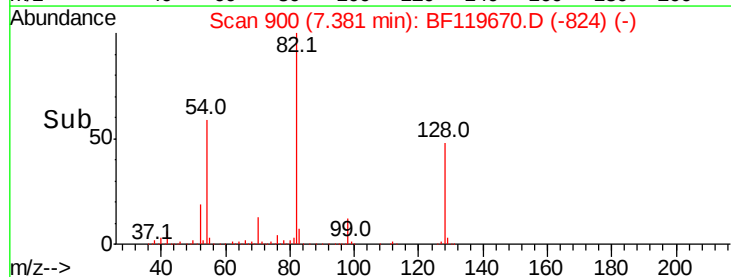
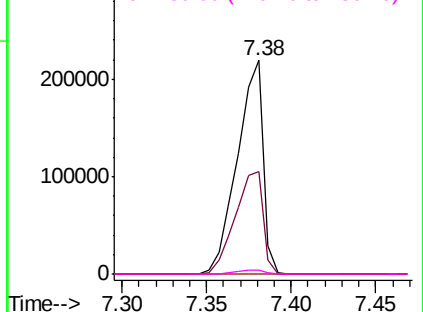


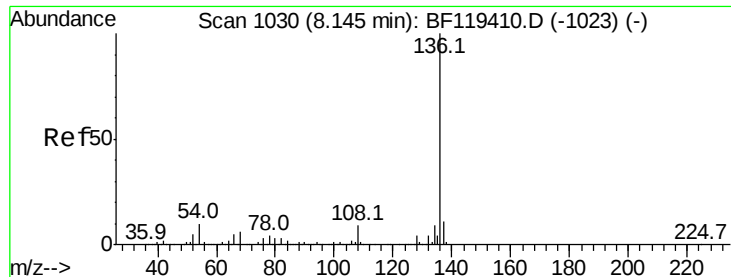
Abundance Ion 70.00 (69.70 to 70.70): BF1

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF119670.D

Acq: 1 Apr 2020 13:13

Instrument :

BNA_F

ClientSampleId :

HD-02-033020

Tot Ion:136 Resp: 996662

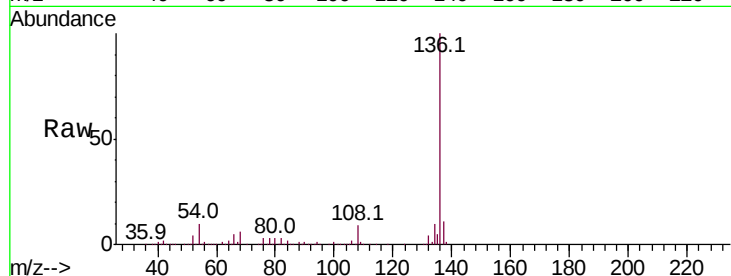
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.0 9.1 13.7

68 5.9 4.6 6.8

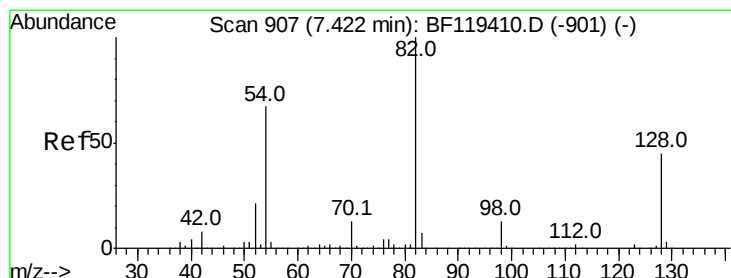
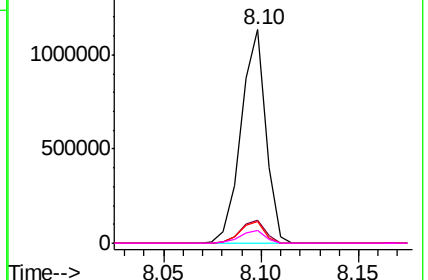
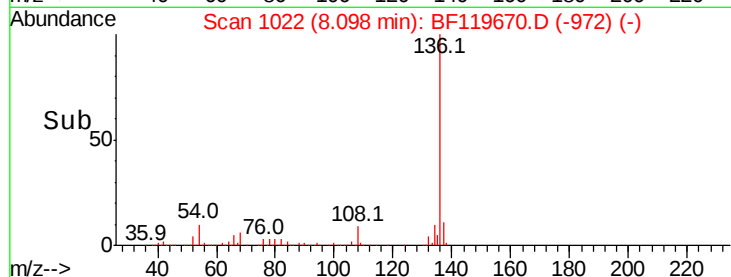


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 97.078 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF119670.D

Acq: 1 Apr 2020 13:13

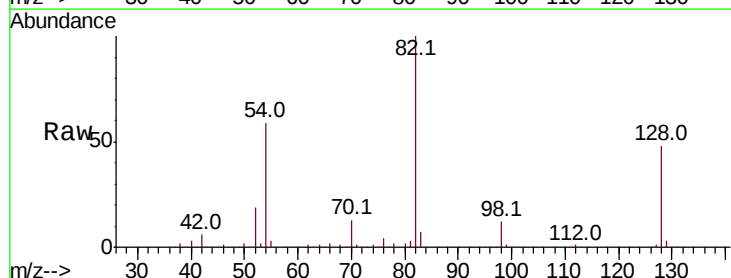
Tgt Ion: 82 Resp: 1780278

Ion Ratio Lower Upper

82 100

128 47.8 36.3 54.5

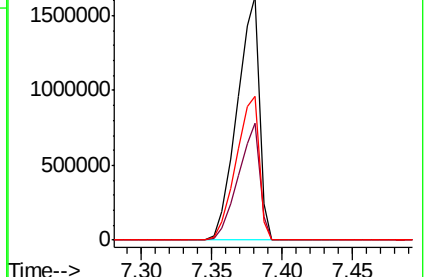
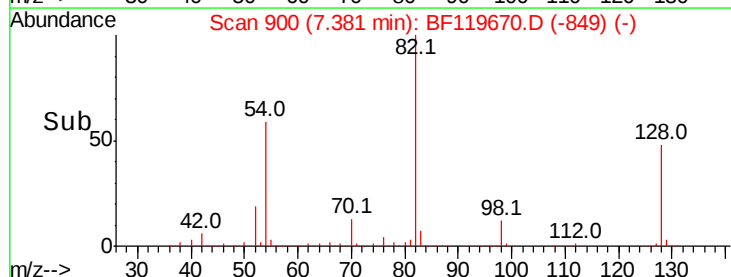
54 59.3 50.6 75.8

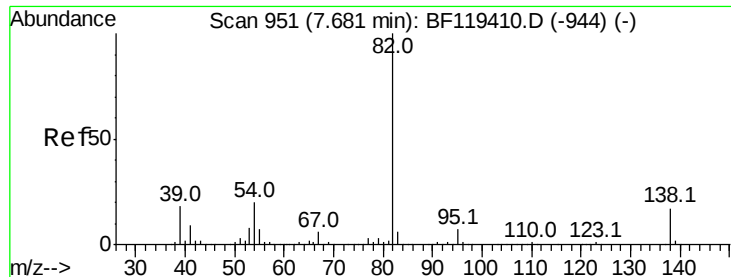


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 47.769 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.26 min

Lab File: BF119670.D

Acq: 1 Apr 2020 13:13

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BNA_F

ClientSampleId :

HD-02-033020

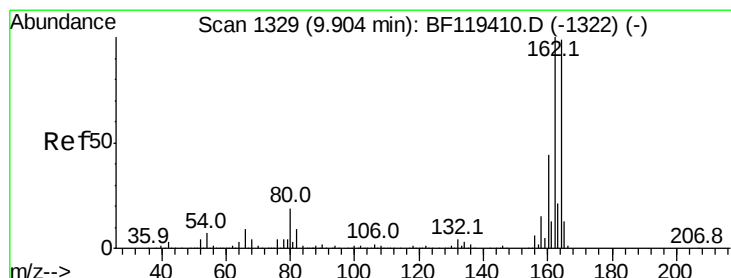
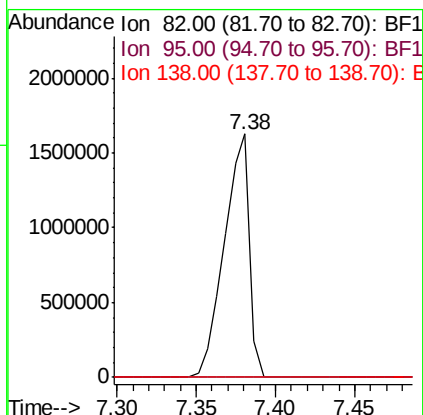
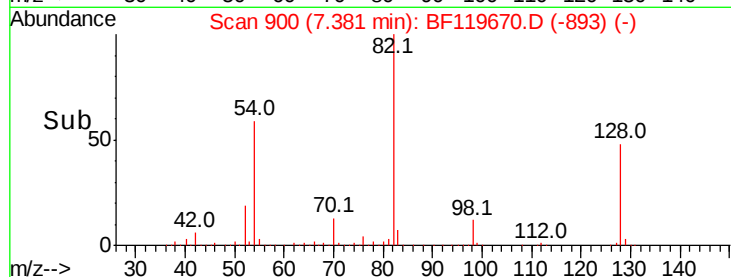
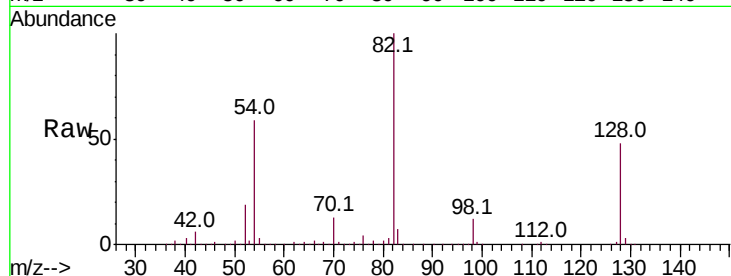
Tot Ion: 82 Resp: 1777031

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 14.6 21.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF119670.D

Acq: 1 Apr 2020 13:13

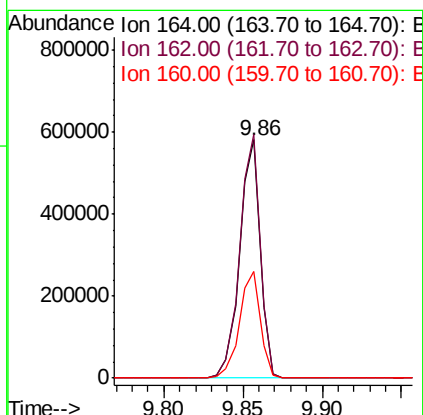
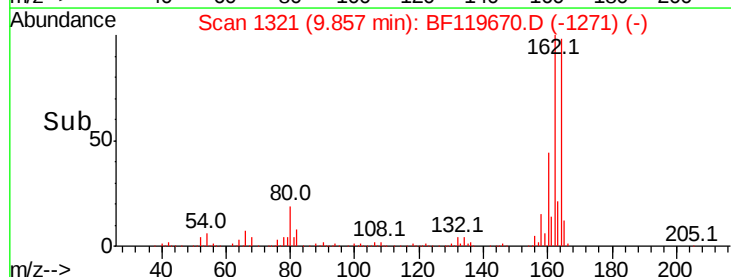
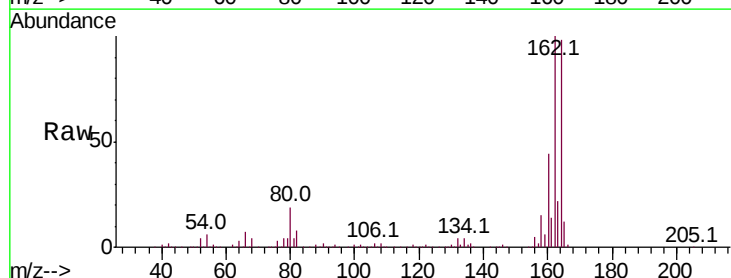
Tgt Ion:164 Resp: 520706

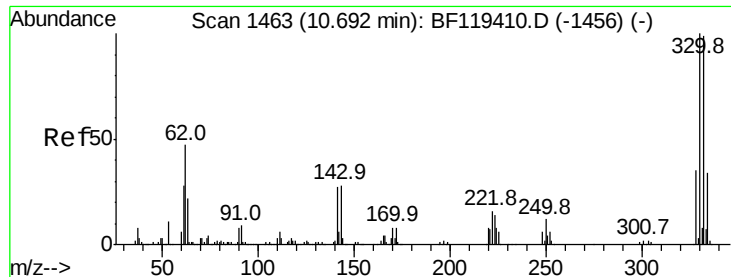
Ion Ratio Lower Upper

164 100

162 102.3 80.6 121.0

160 45.0 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 157.910 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BF119670.D

Acq: 1 Apr 2020 13:13

Instrument :

BNA_F

ClientSampleId :

HD-02-033020

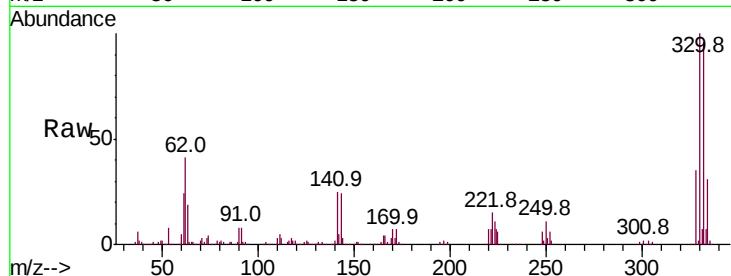
Tot Ion:330 Resp: 848283

Ion Ratio Lower Upper

330 100

332 96.1 75.7 113.5

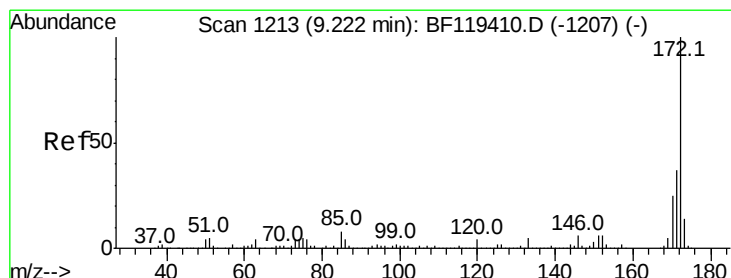
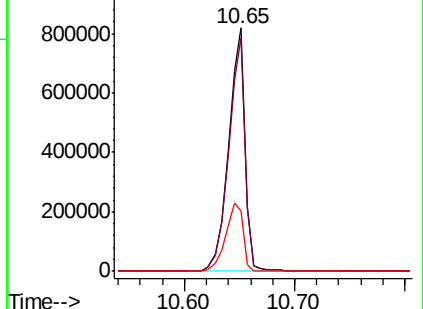
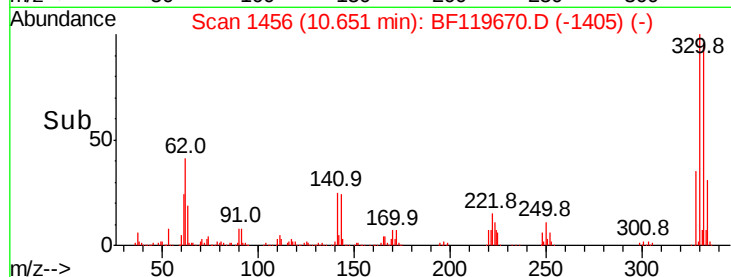
141 30.3 25.4 38.0



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



#45

2-Fluorobiphenyl

Concen: 88.761 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BF119670.D

Acq: 1 Apr 2020 13:13

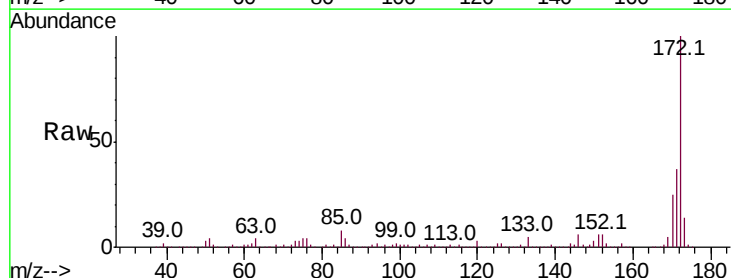
Tgt Ion:172 Resp: 3119764

Ion Ratio Lower Upper

172 100

171 36.9 29.6 44.4

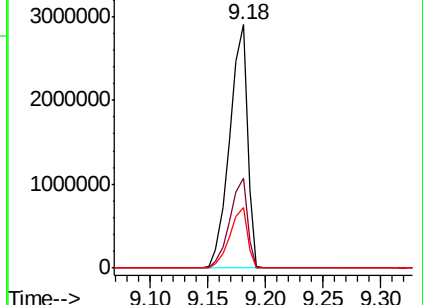
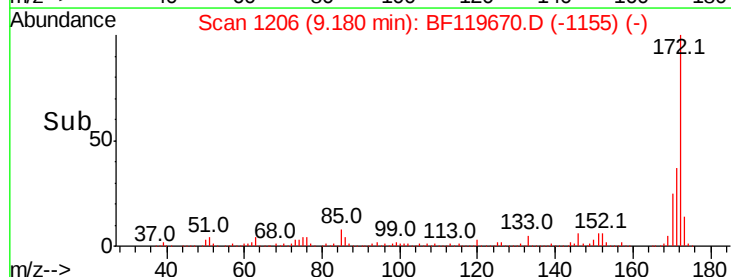
170 24.7 20.2 30.2

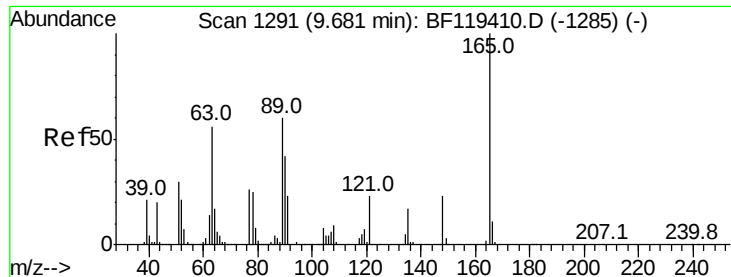


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

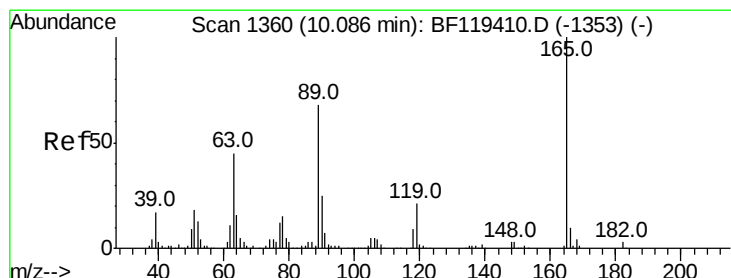
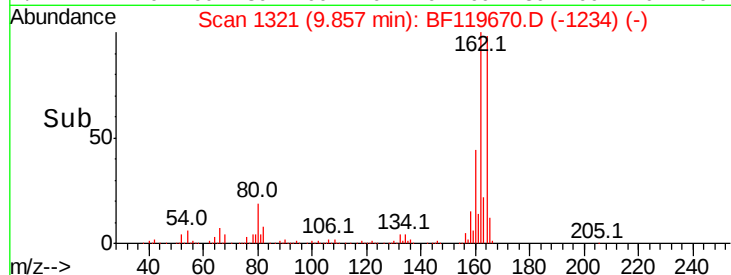
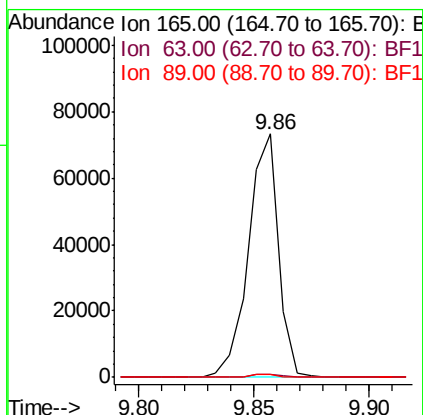
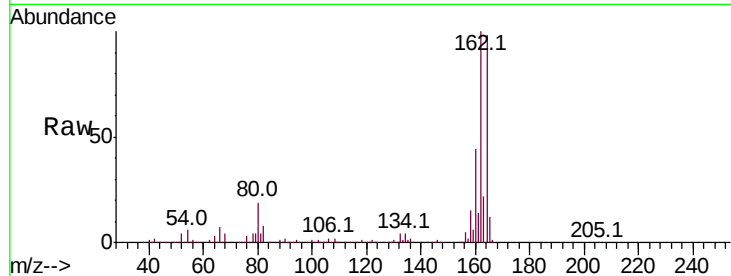




#51
 2,6-Dinitrotoluene
 Concen: 8.411 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.21 min
 Lab File: BF119670.D
 Acq: 1 Apr 2020 13:13

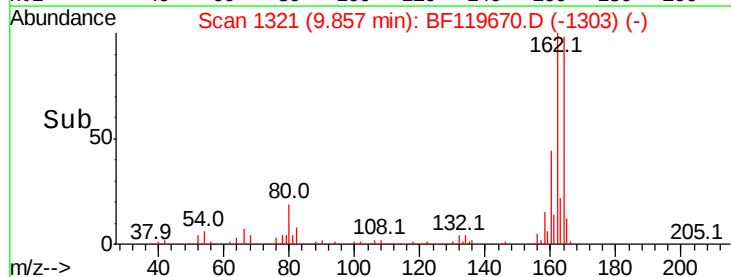
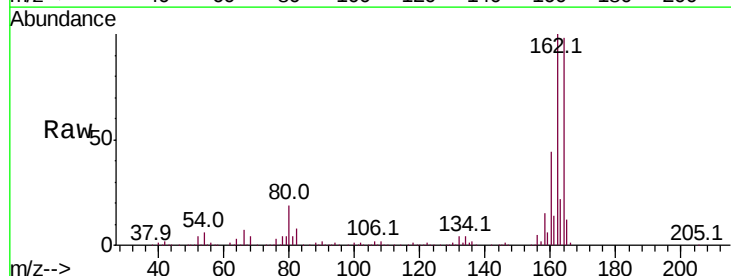
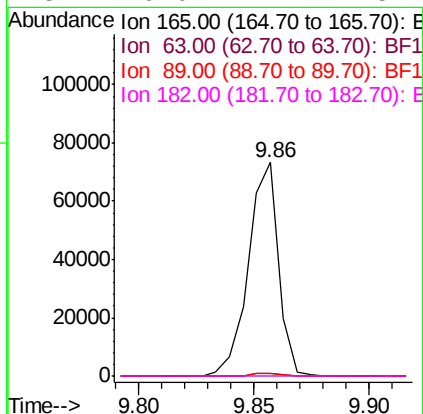
Instrument :
 BNA_F
 ClientSampleId :
 HD-02-033020

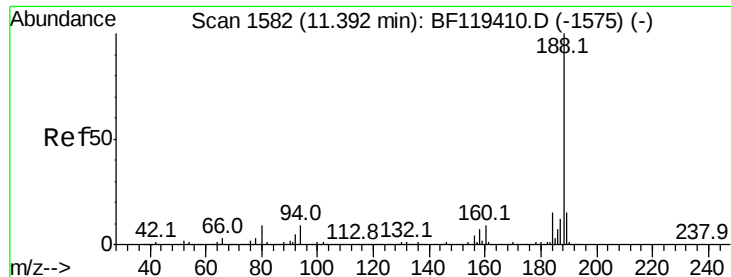
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	45.0	67.4#
89	1.3	41.5	62.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.677 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.19 min
 Lab File: BF119670.D
 Acq: 1 Apr 2020 13:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	42.6	64.0#
89	1.3	61.0	91.4#
182	0.0	2.2	3.2#



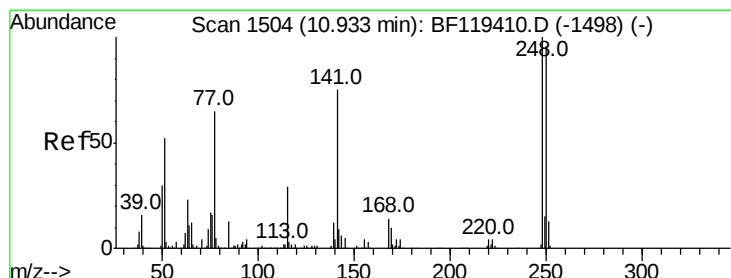
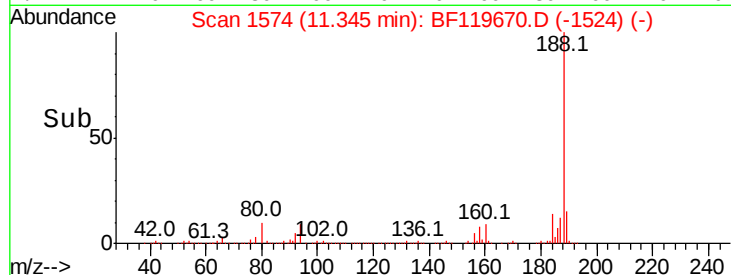
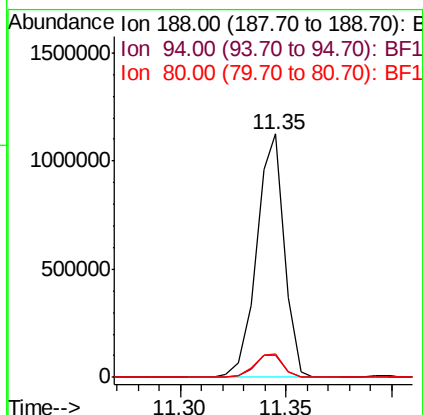
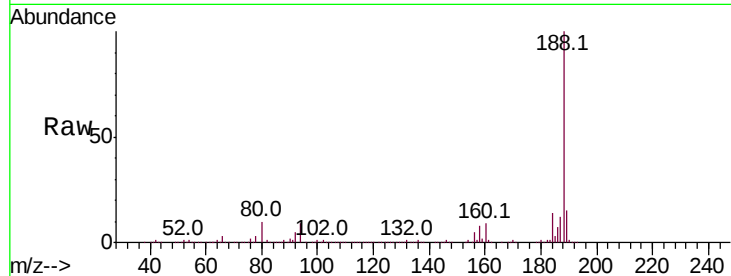


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BF119670.D
 Acq: 1 Apr 2020 13:13

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-033020

Tot Ion:188 Resp: 1024538

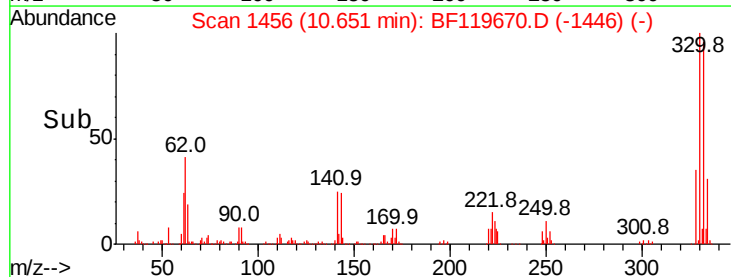
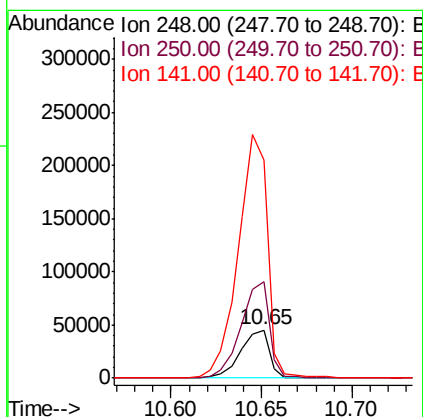
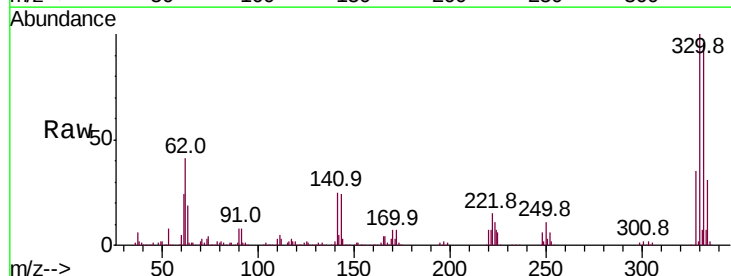
Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.5	11.3
80	9.5	9.0	13.4

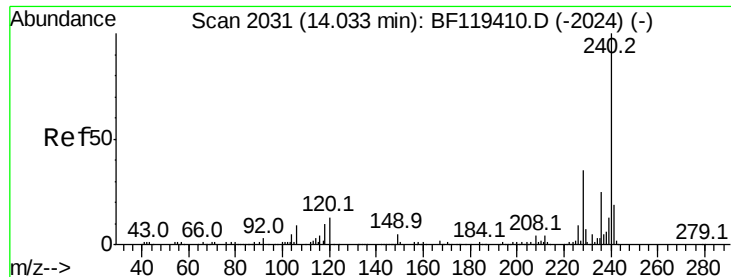


#67
 4-Bromophenyl-phenylether
 Concen: 4.314 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.24 min
 Lab File: BF119670.D
 Acq: 1 Apr 2020 13:13

Tgt Ion:248 Resp: 50332

Ion	Ratio	Lower	Upper
248	100		
250	200.1	77.3	115.9#
141	455.3	58.6	87.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF119670.D

Acq: 1 Apr 2020 13:13

Instrument :

BNA_F

ClientSampleId :

HD-02-033020

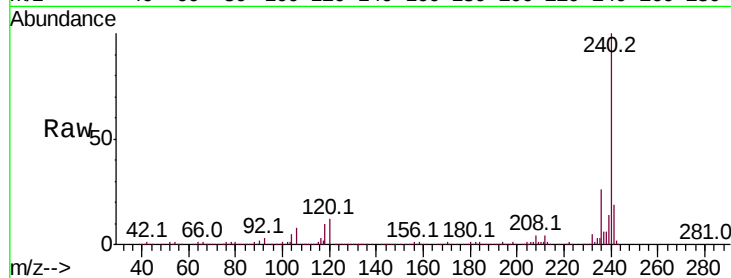
Tot Ion:240 Resp: 866706

Ion Ratio Lower Upper

240 100

120 11.8 10.6 15.8

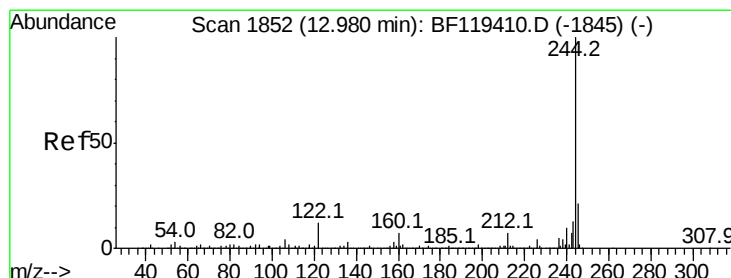
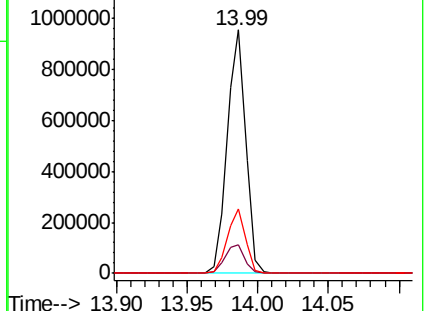
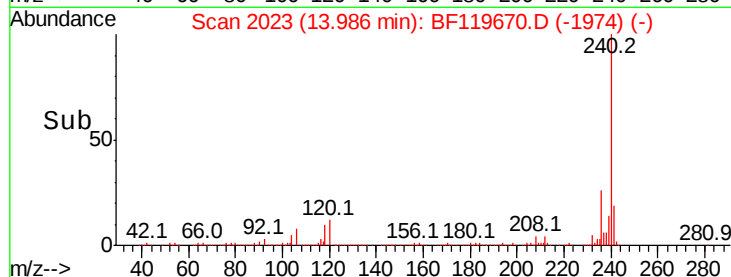
236 26.3 20.2 30.2



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



#79

Terphenyl-d14

Concen: 87.401 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BF119670.D

Acq: 1 Apr 2020 13:13

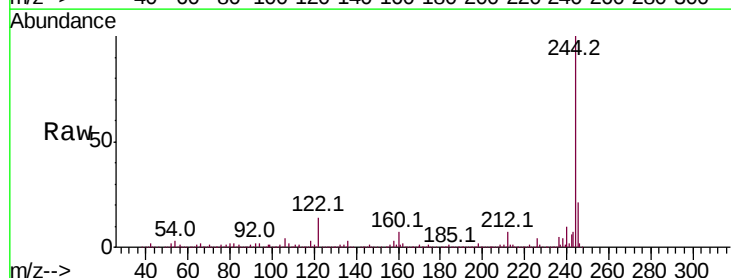
Tgt Ion:244 Resp: 3866417

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

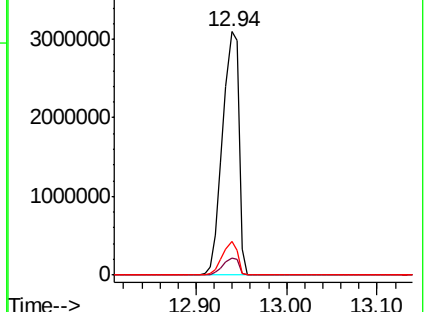
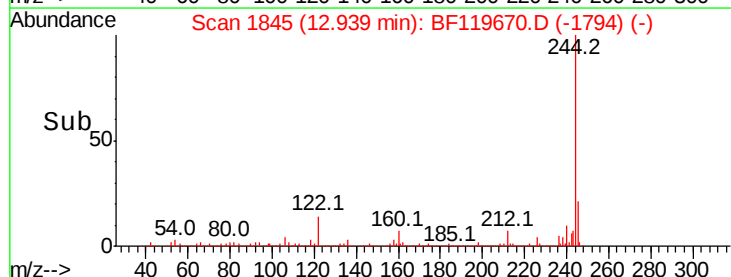
122 13.7 10.3 15.5

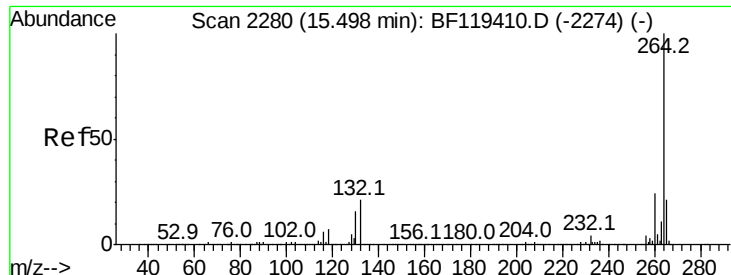


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

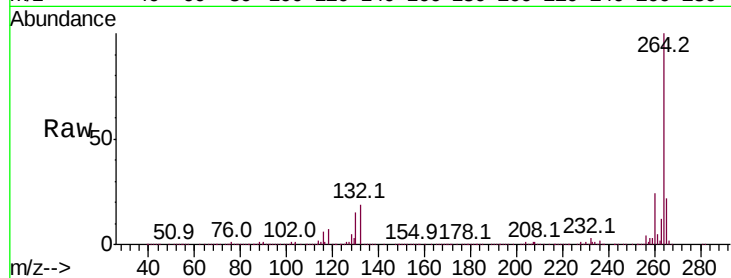




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF119670.D
Acq: 1 Apr 2020 13:13

Instrument :
BNA_F
ClientSampleId :
HD-02-033020

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	22.1	17.7	26.5



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

