

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114563.D
 Acq On : 24 May 2019 12:10
 Operator : JU/SJ
 Sample : K2966-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-20190520

Quant Time: May 24 13:10:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

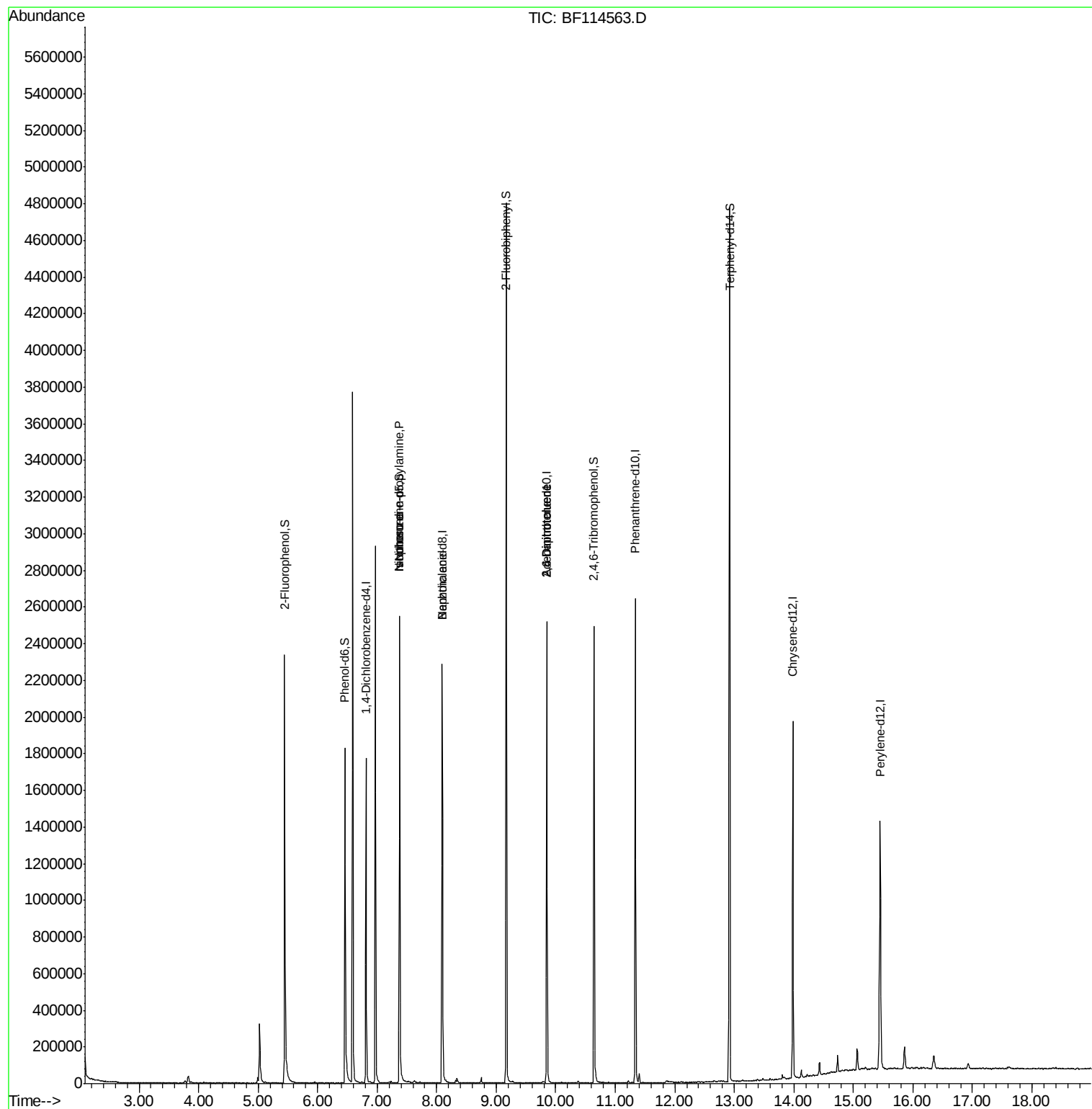
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	264650	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1026524	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	491174	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	985975	20.00	ng	0.00
76) Chrysene-d12	13.98	240	674699	20.00	ng	0.00
87) Perylene-d12	15.45	264	680534	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	709060	43.12	ng	0.00
7) Phenol-d6	6.46	99	664911	34.18	ng	0.00
23) Nitrobenzene-d5	7.37	82	849727	46.45	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	327835	64.56	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1446059	44.53	ng	0.00
79) Terphenyl-d14	12.92	244	1658381	50.67	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	111883	9.075	ng	# 76
25) Isophorone	7.37	82	849723	25.048	ng	# 64
32) Benzoic acid	8.09	122	118	7.031	ng	# 1
51) 2,6-Dinitrotoluene	9.85	165	61973	7.749	ng	# 22
57) 2,4-Dinitrotoluene	9.85	165	61973	5.709	ng	# 25

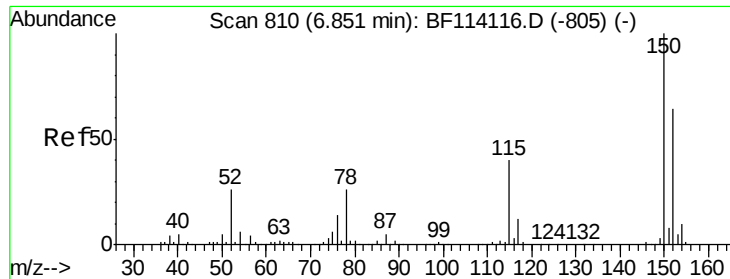
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
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Quant Time: May 24 13:10:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 07:23:33 2019
Response via : Initial Calibration



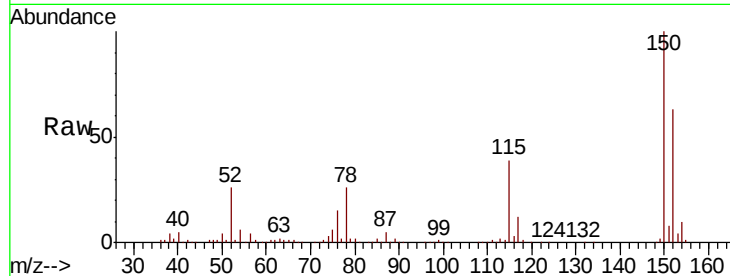


#1

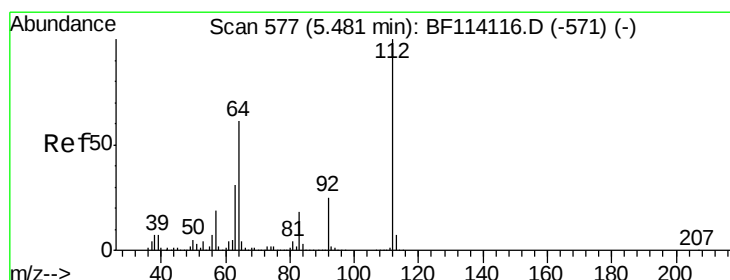
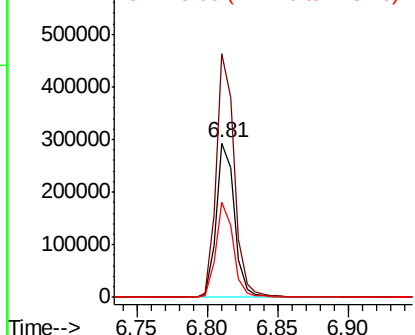
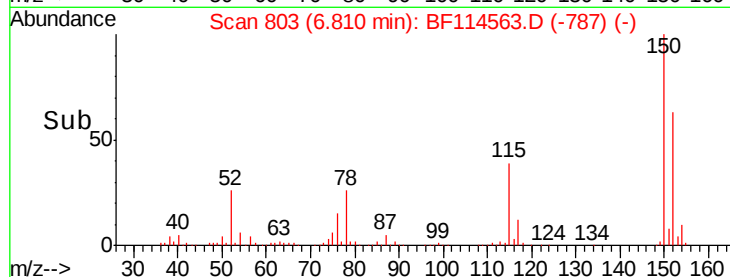
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF114563.D
 Acq: 24 May 2019 12:10

Instrument :
 BNA_F
 ClientSampleId :
 FB-20190520

Tot Ion:152 Resp: 264650
 Ion Ratio Lower Upper
 152 100
 150 158.0 124.3 186.5
 115 61.4 49.1 73.7



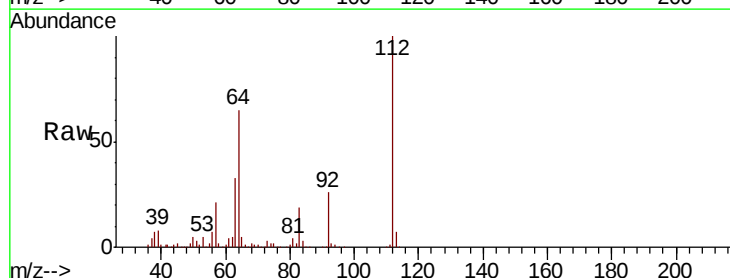
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



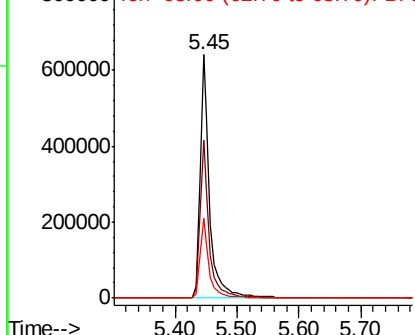
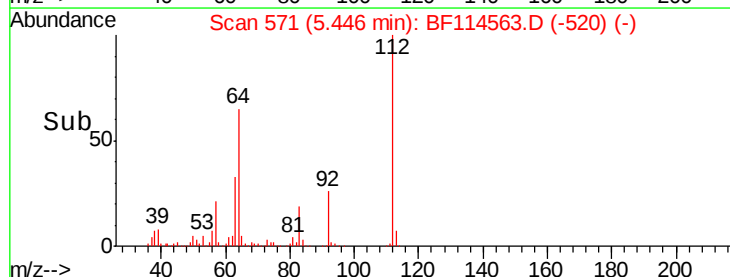
#5

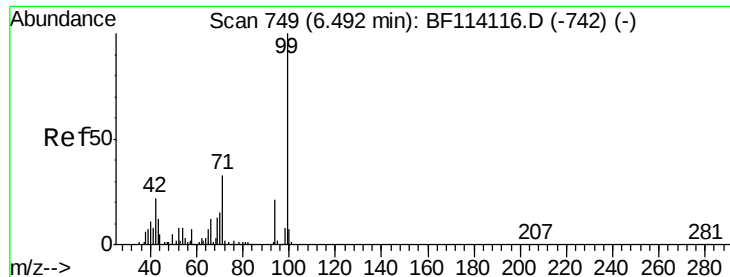
2-Fluorophenol
 Concen: 43.116 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: BF114563.D
 Acq: 24 May 2019 12:10

Tgt Ion:112 Resp: 709060
 Ion Ratio Lower Upper
 112 100
 64 64.9 49.0 73.6
 63 32.8 24.6 37.0



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: 34.185 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF114563.D

Acq: 24 May 2019 12:10

Instrument :

BNA_F

ClientSampleId :

FB-20190520

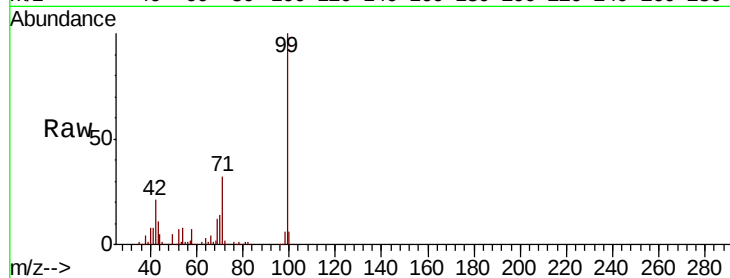
Tot Ion: 99 Resp: 664911

Ion Ratio Lower Upper

99 100

42 21.4 17.9 26.9

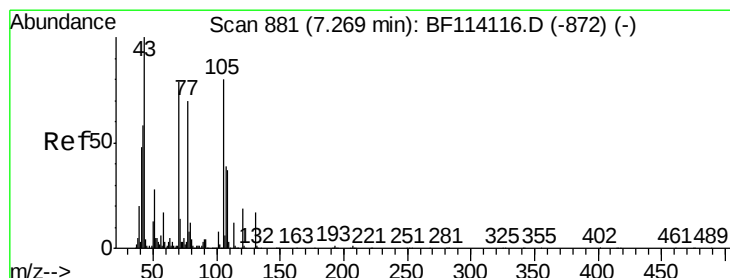
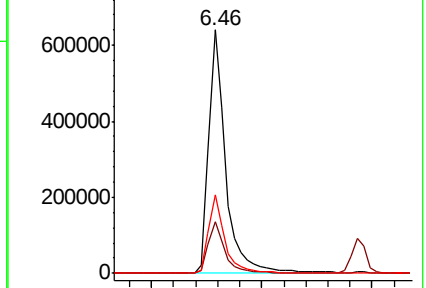
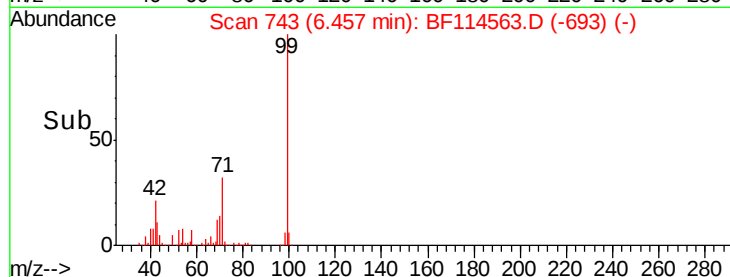
71 32.4 26.2 39.2



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: 9.075 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF114563.D

Acq: 24 May 2019 12:10

Tgt Ion: 70 Resp: 111883

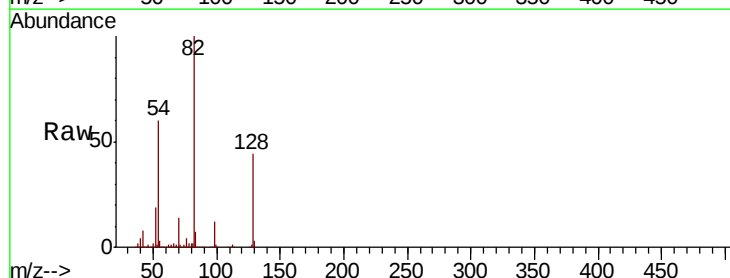
Ion Ratio Lower Upper

70 100

42 56.8 58.6 87.8#

101 0.0 7.8 11.8#

130 2.3 17.1 25.7#

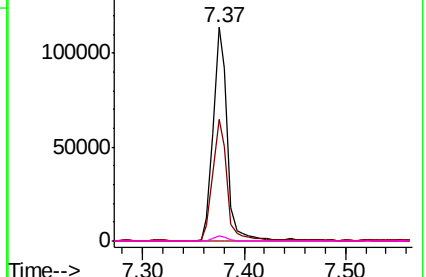
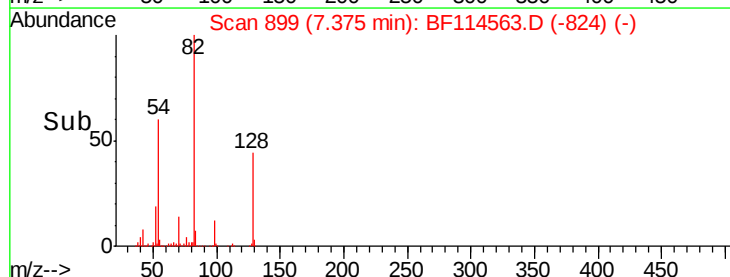


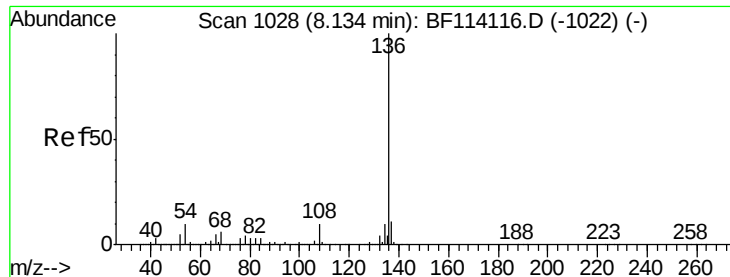
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

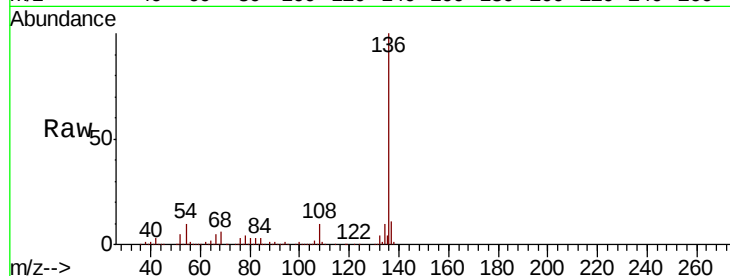




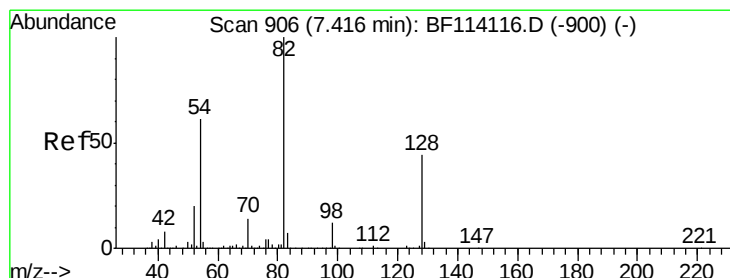
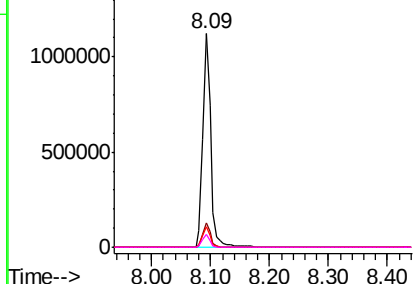
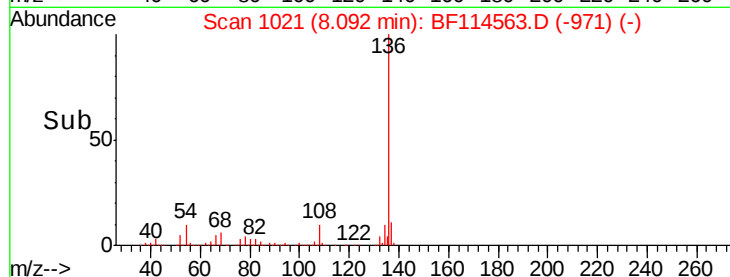
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF114563.D
Acq: 24 May 2019 12:10

Instrument :
BNA_F
ClientSampleId :
FB-20190520

Tot Ion:136	Resp: 1026524
Ion Ratio	Lower Upper
136 100	
137 11.3	8.8 13.2
54 9.6	7.8 11.8
68 5.7	5.1 7.7

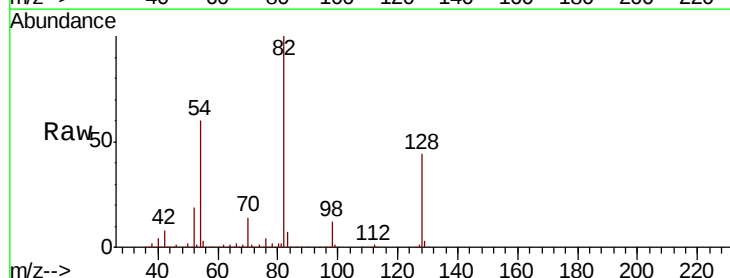


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

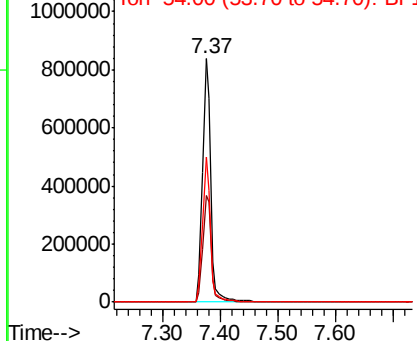
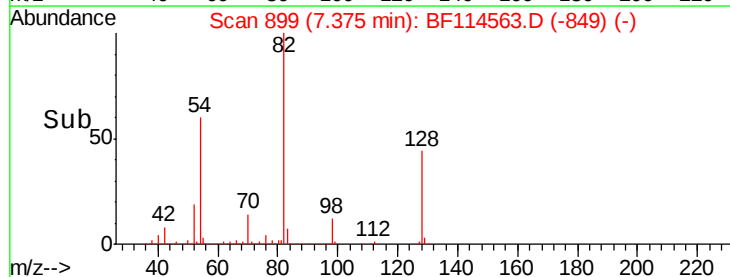


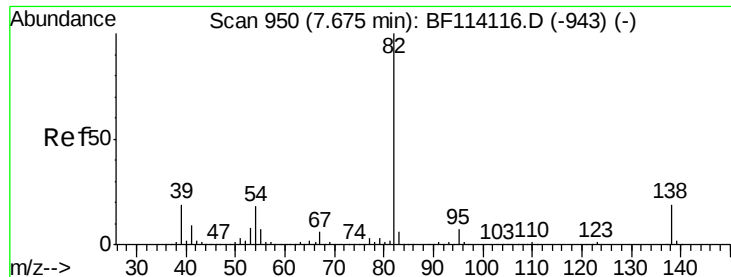
#23
Nitrobenzene-d5
Concen: 46.455 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF114563.D
Acq: 24 May 2019 12:10

Tgt	Ion: 82	Resp:	849727
Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.5	53.3
54	59.8	48.5	72.7



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: 25.048 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF114563.D

Acq: 24 May 2019 12:10

Instrument :

BNA_F

ClientSampled :

FB-20190520

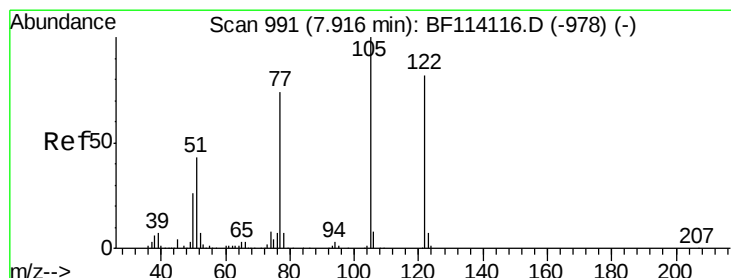
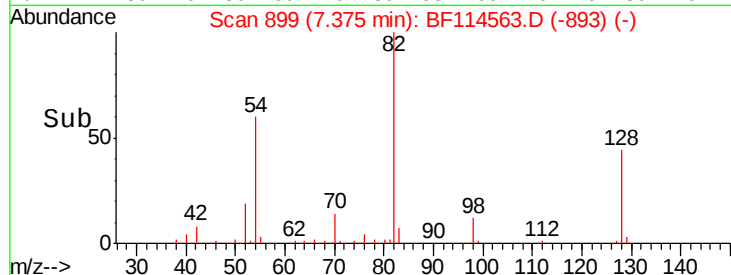
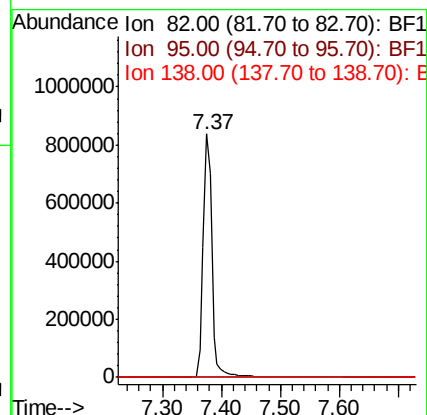
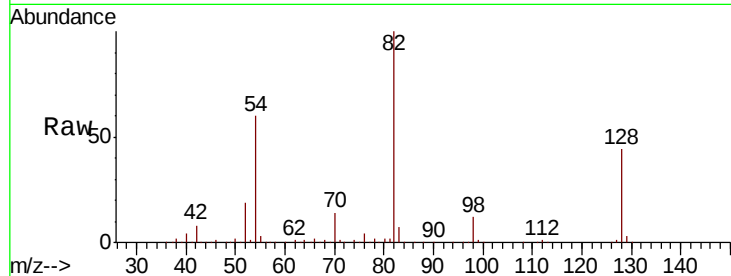
Tot Ion: 82 Resp: 849723

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.8 22.2#



#32

Benzoic acid

Concen: 7.031 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.18 min

Lab File: BF114563.D

Acq: 24 May 2019 12:10

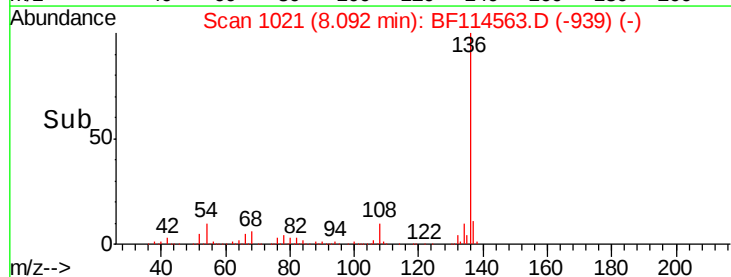
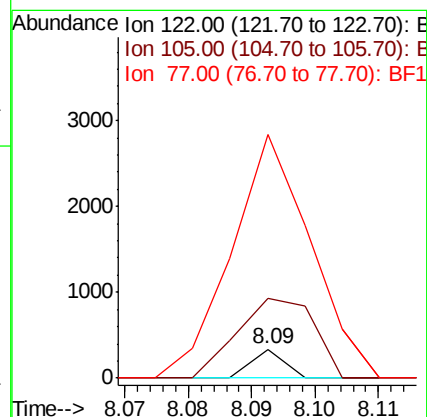
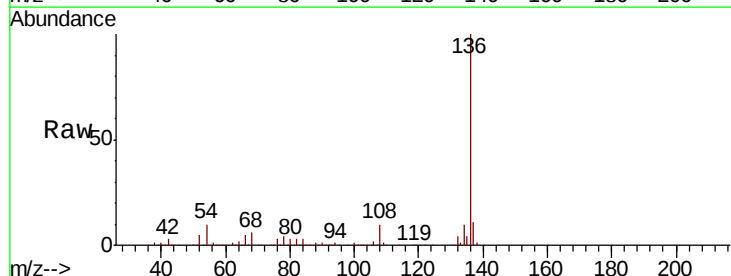
Tgt Ion: 122 Resp: 118

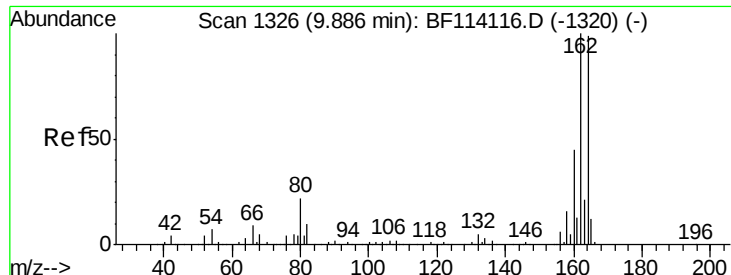
Ion Ratio Lower Upper

122 100

105 279.0 99.9 139.9#

77 849.4 69.4 109.4#

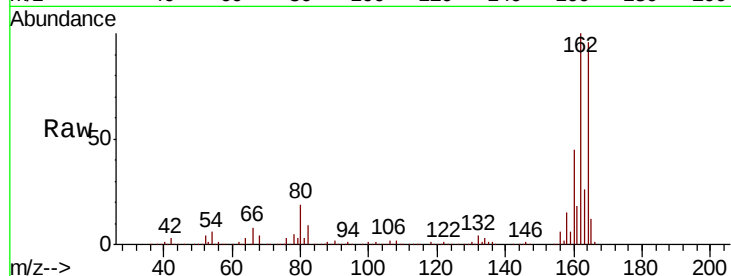




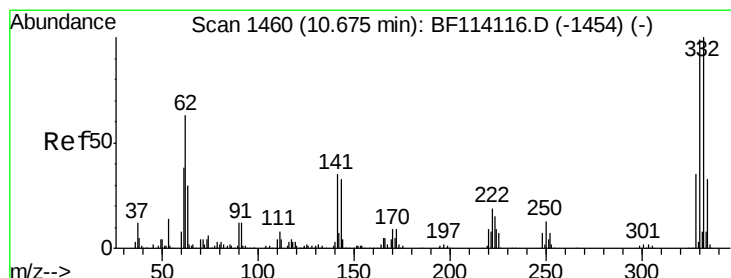
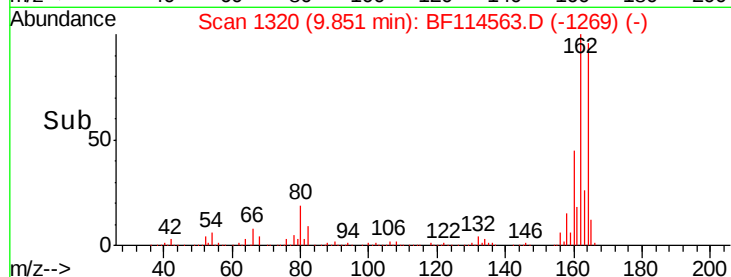
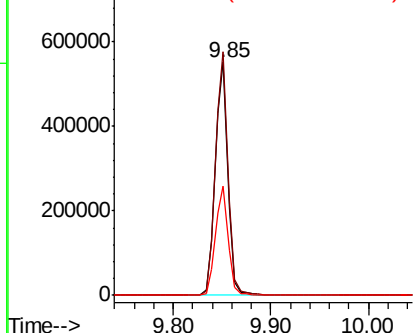
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF114563.D
Acq: 24 May 2019 12:10

Instrument :
BNA_F
ClientSampleId :
FB-20190520

Tot Ion:164 Resp: 491174
Ion Ratio Lower Upper
164 100
162 104.4 80.6 120.8
160 46.8 36.5 54.7

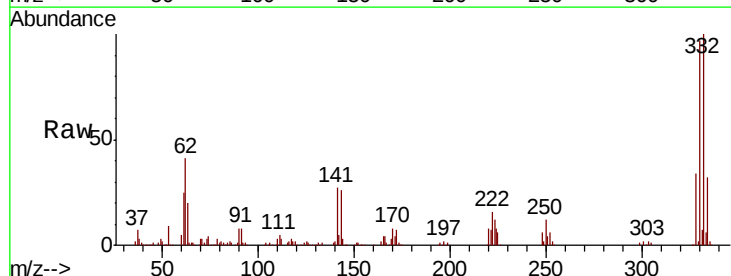


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

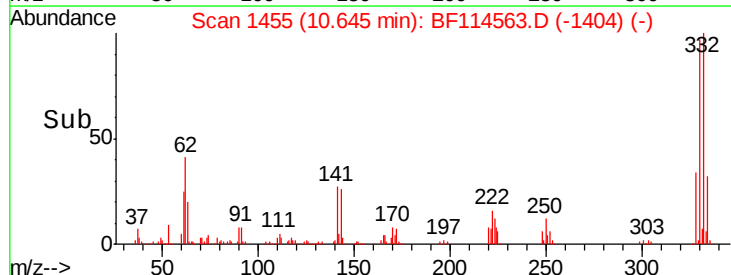
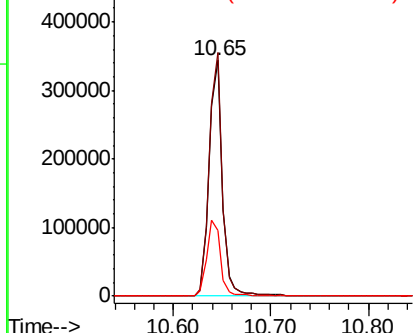


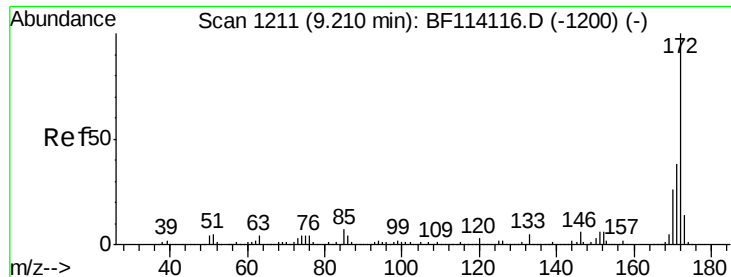
#42
2,4,6-Tribromophenol
Concen: 64.561 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BF114563.D
Acq: 24 May 2019 12:10

Tgt Ion:330 Resp: 327835
Ion Ratio Lower Upper
330 100
332 102.0 81.4 122.2
141 33.2 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



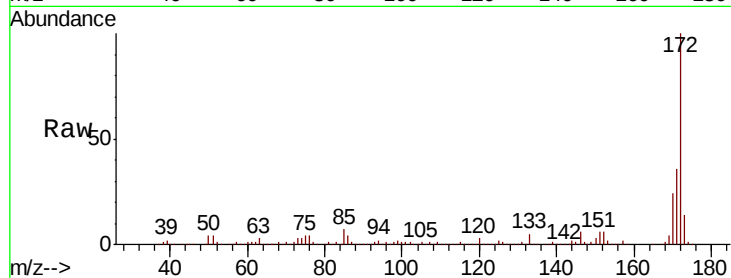


#45
 2-Fluorobiphenyl
 Concen: 44.534 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF114563.D
 Acq: 24 May 2019 12:10

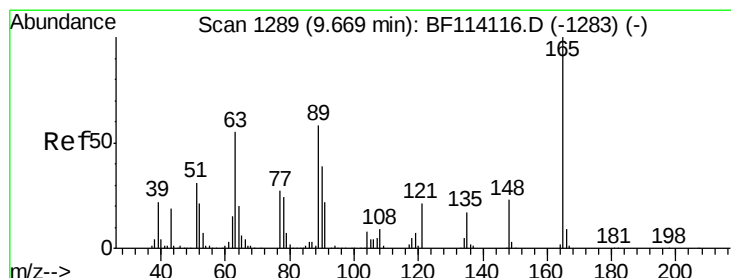
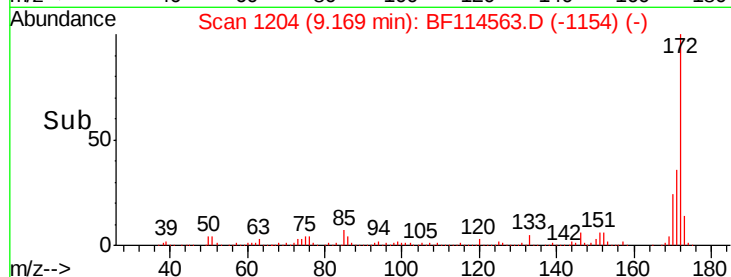
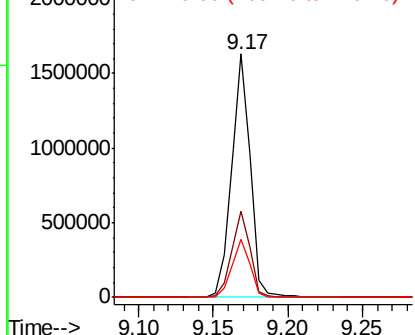
Instrument :
 BNA_F
 ClientSampleId :
 FB-20190520

Tot Ion:172 Resp: 1446059

Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.7	46.1
170	23.8	20.5	30.7



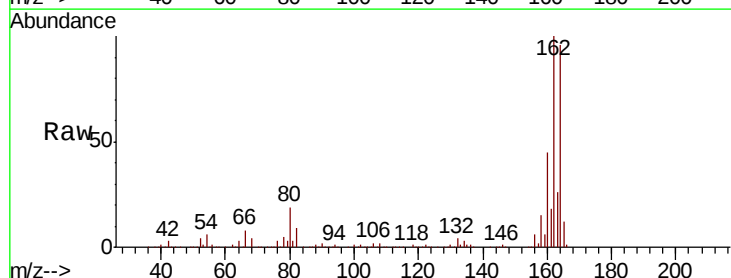
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



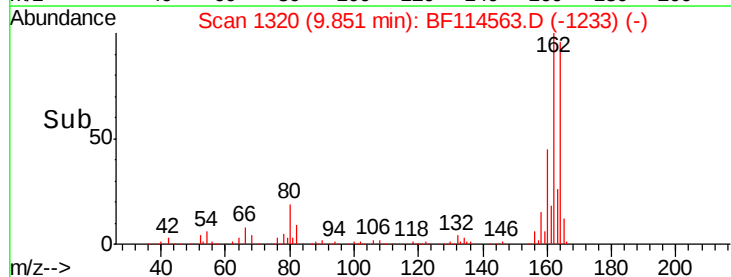
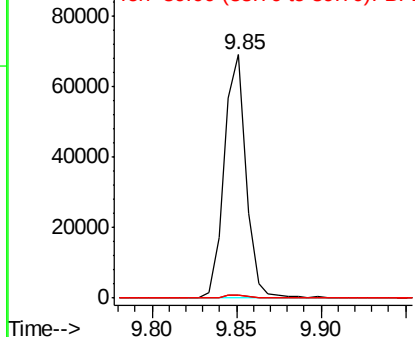
#51
 2,6-Dinitrotoluene
 Concen: 7.749 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.21 min
 Lab File: BF114563.D
 Acq: 24 May 2019 12:10

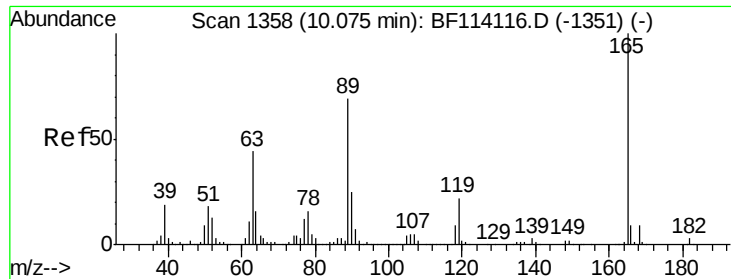
Tgt Ion:165 Resp: 61973

Ion	Ratio	Lower	Upper
165	100		
63	1.5	50.2	75.4#
89	1.2	46.6	69.8#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

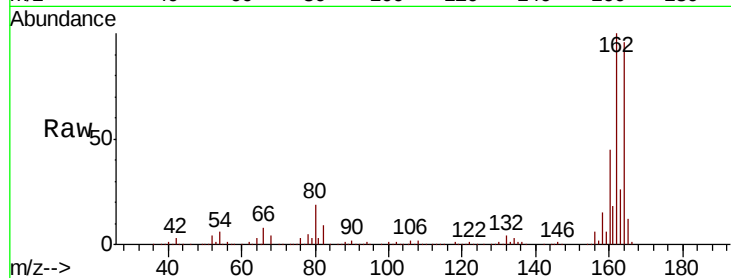




#57
 2,4-Dinitrotoluene
 Concen: 5.709 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.20 min
 Lab File: BF114563.D
 Acq: 24 May 2019 12:10

Instrument :
 BNA_F
 ClientSampleID :
 FB-20190520

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	35.5	53.3#
89	1.2	55.2	82.8#
182	0.0	2.2	3.2#

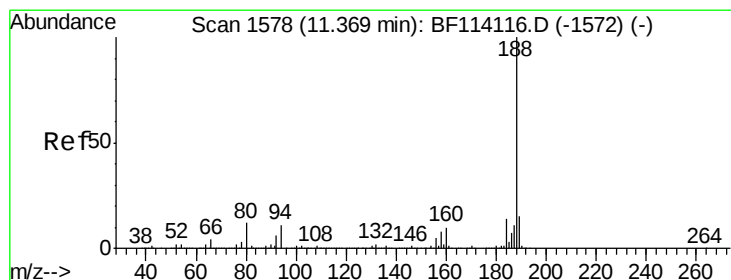
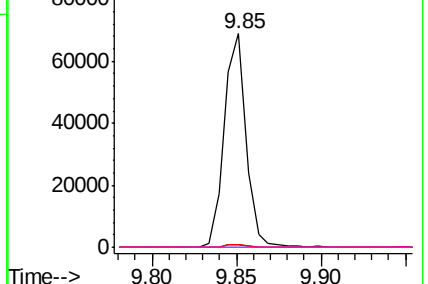
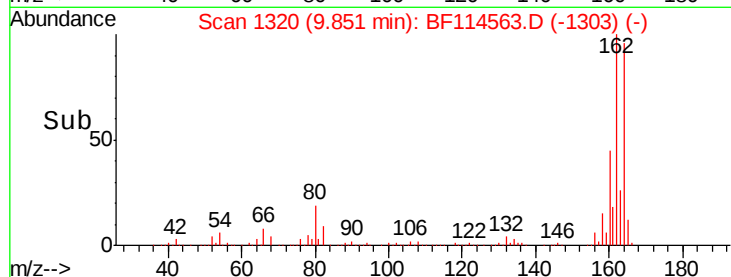


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

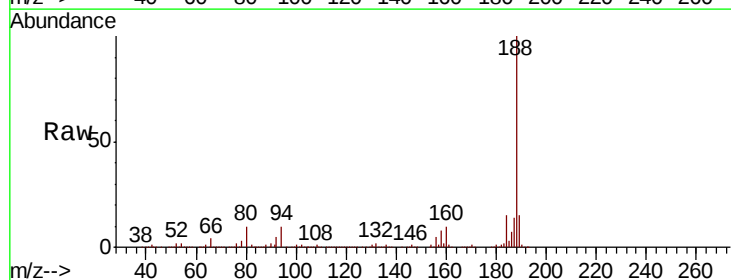
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF114563.D
 Acq: 24 May 2019 12:10

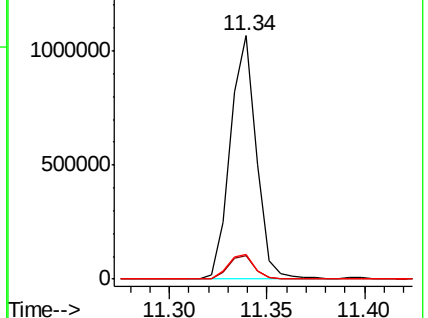
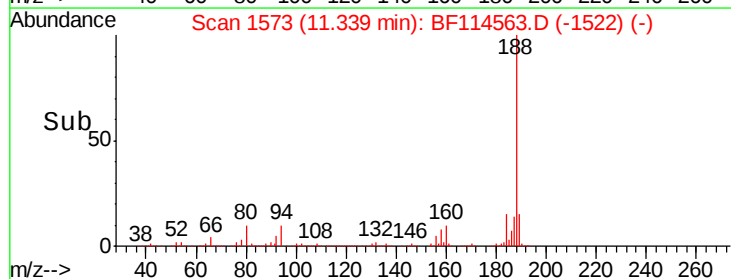
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.4	12.6
80	9.9	9.2	13.8

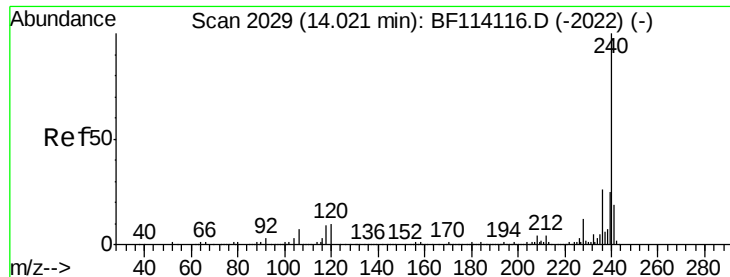


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF114563.D

Acq: 24 May 2019 12:10

Instrument :

BNA_F

ClientSampleId :

FB-20190520

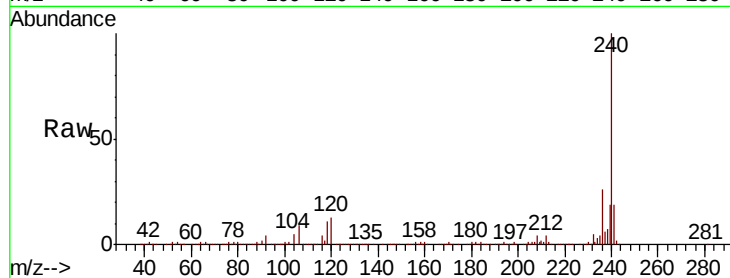
Tot Ion:240 Resp: 674699

Ion Ratio Lower Upper

240 100

120 12.7 8.3 12.5#

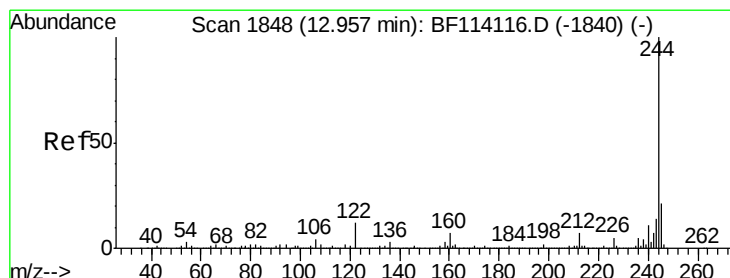
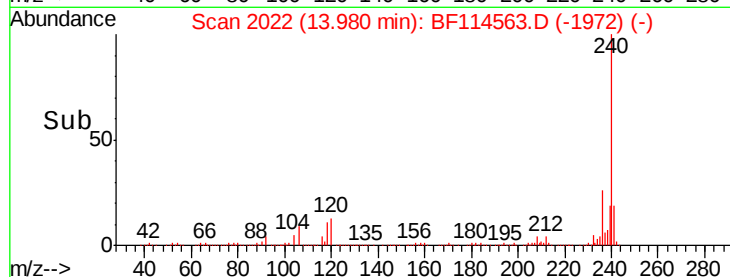
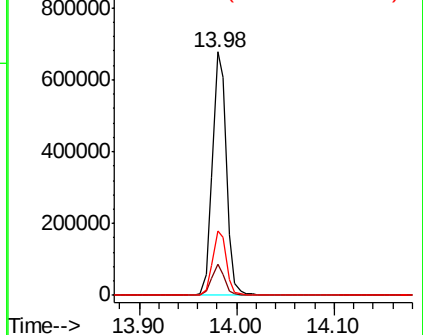
236 26.2 20.8 31.2



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: 50.669 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BF114563.D

Acq: 24 May 2019 12:10

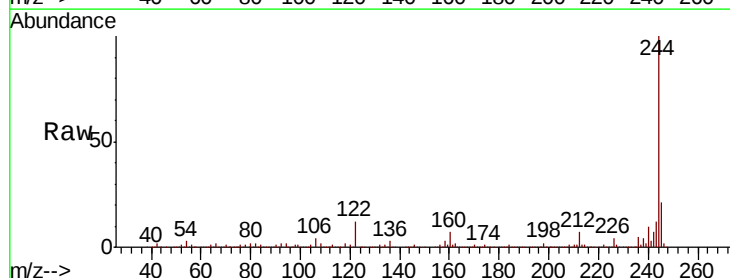
Tgt Ion:244 Resp: 1658381

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

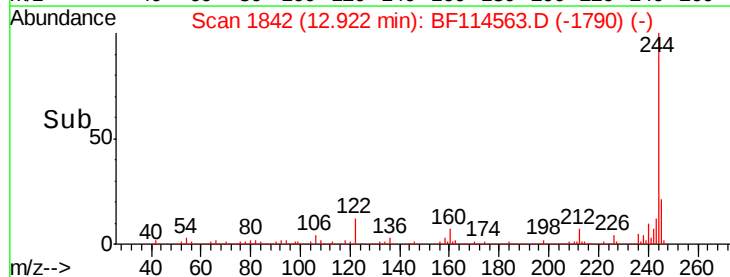
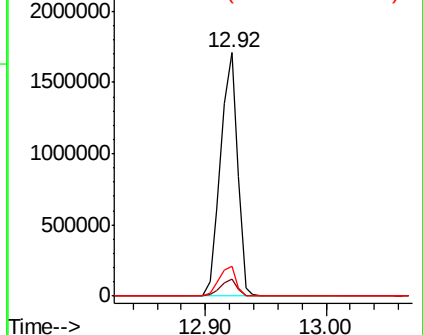
122 12.3 9.4 14.2

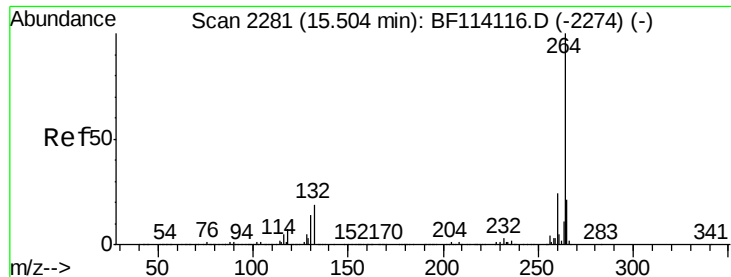


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.45 min Scan# 2272
Delta R.T. 0.00 min
Lab File: BF114563.D
Acq: 24 May 2019 12:10

Instrument :
BNA_F
ClientSampleId :
FB-20190520

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	21.5	16.9	25.3

