

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
 Data File : BF114548.D
 Acq On : 24 May 2019 2:26
 Operator : JU/SJ
 Sample : K2753-02RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 24 07:22:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 03:49:15 2019
 Response via : Initial Calibration

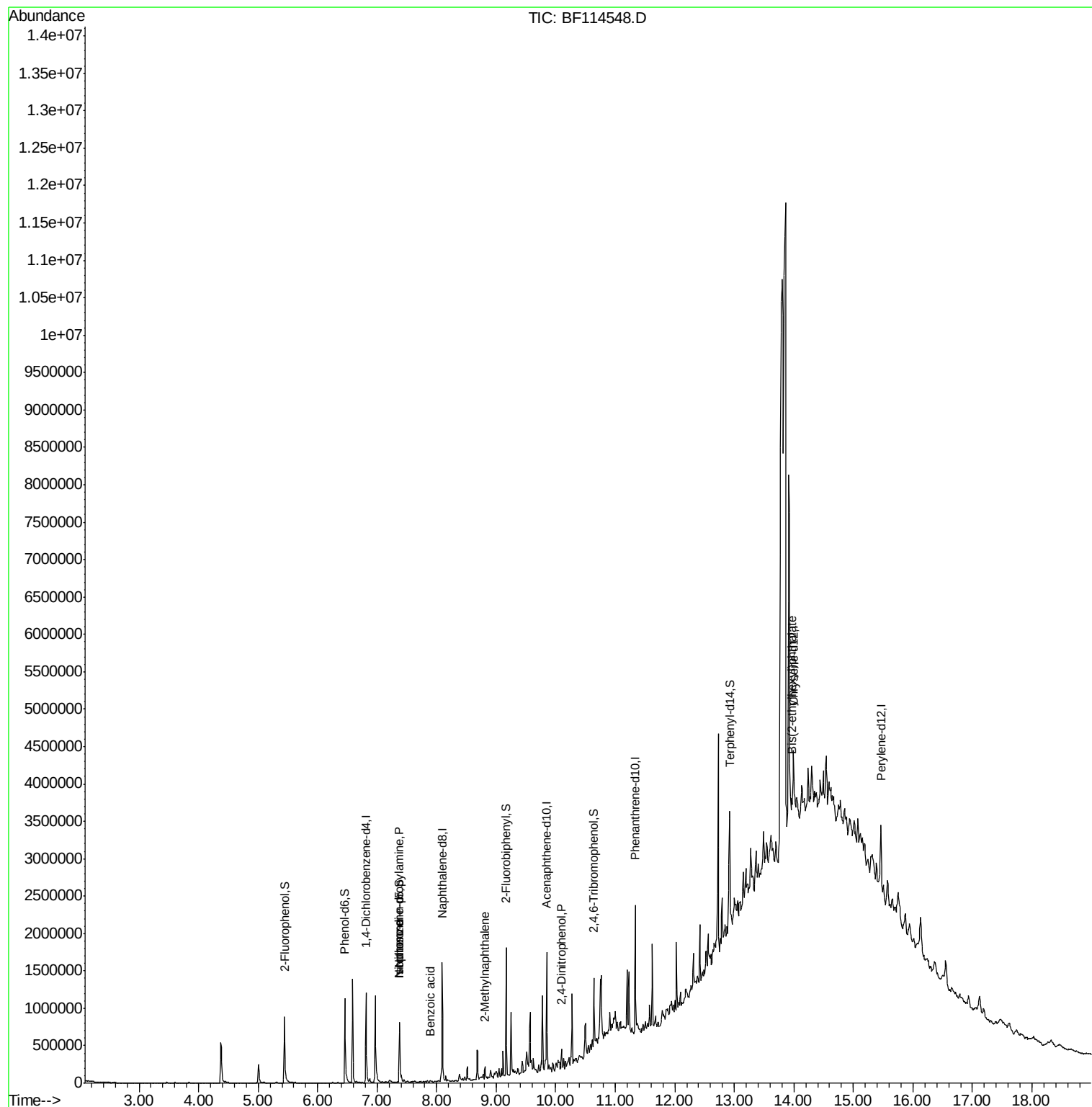
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	166878	20.00	ng	-0.03
21) Naphthalene-d8	8.09	136	663381	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	326955	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	626517	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	350024	20.00	ng	-0.01
87) Perylene-d12	15.46	264	407464	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	319356	30.80	ng	-0.03
7) Phenol-d6	6.46	99	456635	37.23	ng	-0.03
23) Nitrobenzene-d5	7.37	82	269485	22.80	ng	-0.03
42) 2,4,6-Tribromophenol	10.64	330	107490	31.80	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	554328	25.65	ng	-0.02
79) Terphenyl-d14	12.92	244	486255	28.64	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	36363	4.678	ng	# 75
25) Isophorone	7.37	82	269481	12.292	ng	# 64
32) Benzoic acid	7.90	122	4120	7.558	ng	87
37) 2-Methylnaphthalene	8.81	142	44167	2.209	ng	97
54) 2,4-Dinitrophenol	10.10	184	159	6.800	ng	# 1
84) Bis(2-ethylhexyl)phthalate	13.96	149	77346	4.990	ng	# 90

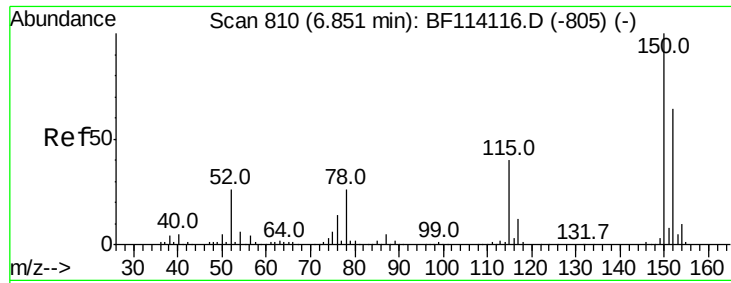
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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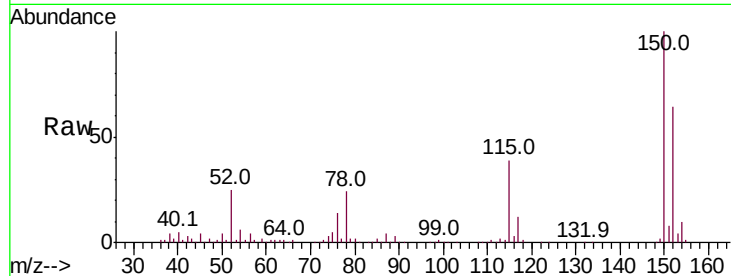


#1

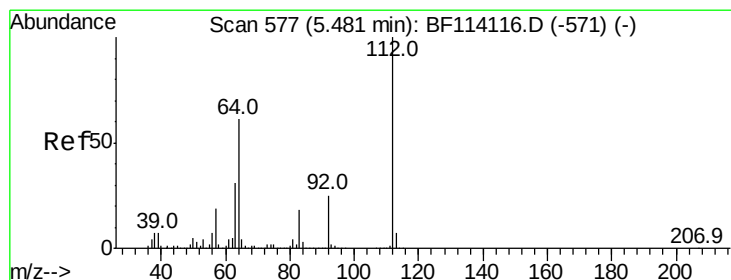
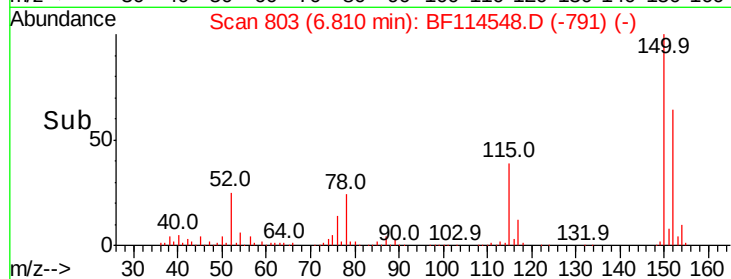
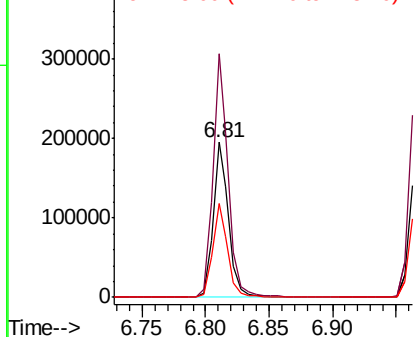
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF114548.D
Acq: 24 May 2019 2:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 166878
Ion Ratio Lower Upper
152 100
150 157.4 124.3 186.5
115 61.0 49.1 73.7



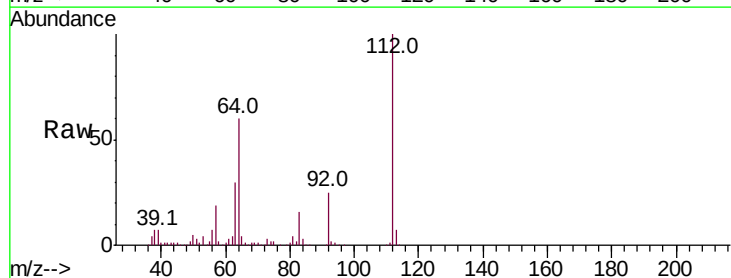
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



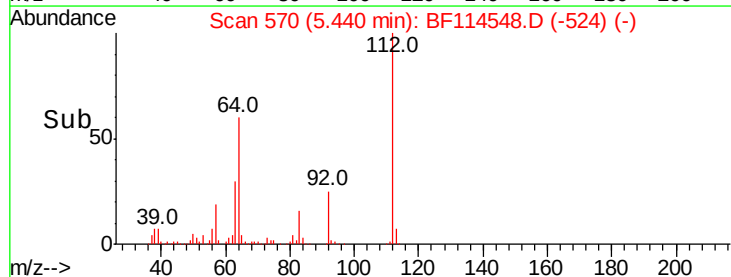
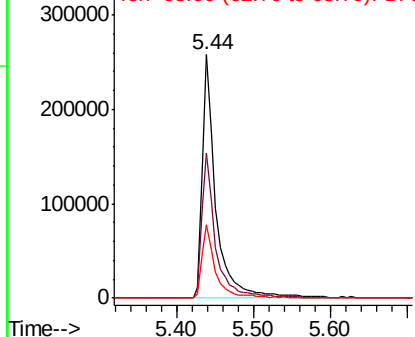
#5

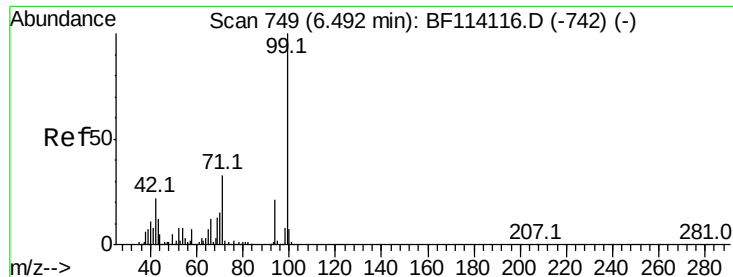
2-Fluorophenol
Concen: 30.797 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.03 min
Lab File: BF114548.D
Acq: 24 May 2019 2:26

Tgt Ion:112 Resp: 319356
Ion Ratio Lower Upper
112 100
64 59.8 49.0 73.6
63 30.1 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: 37.231 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF114548.D

Acq: 24 May 2019 2:26

Instrument :

BNA_F

ClientSampled :

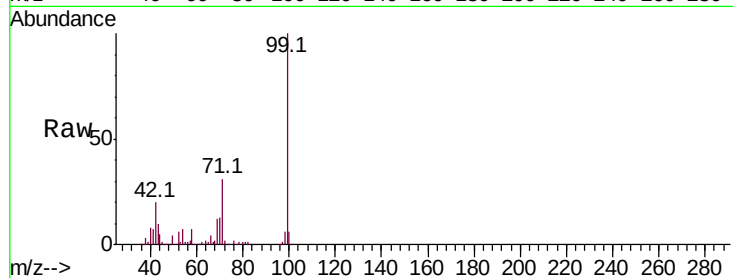
Tot Ion: 99 Resp: 456635

Ion Ratio Lower Upper

99 100

42 20.4 17.9 26.9

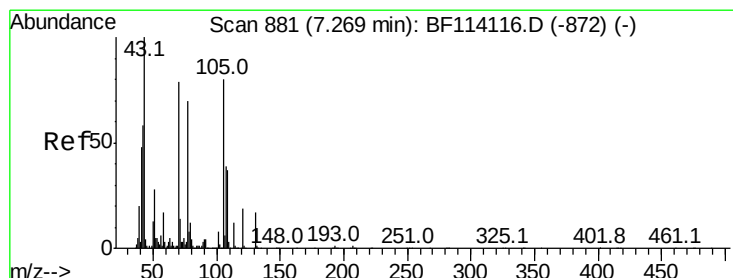
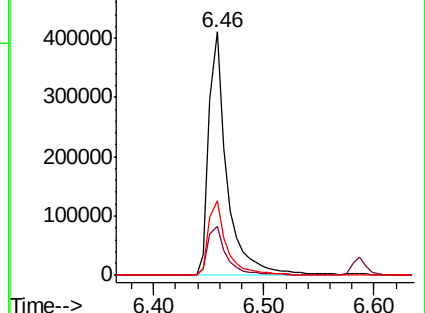
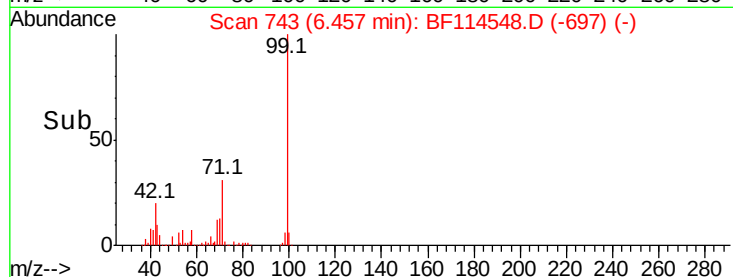
71 30.8 26.2 39.2



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: 4.678 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.12 min

Lab File: BF114548.D

Acq: 24 May 2019 2:26

Tgt Ion: 70 Resp: 36363

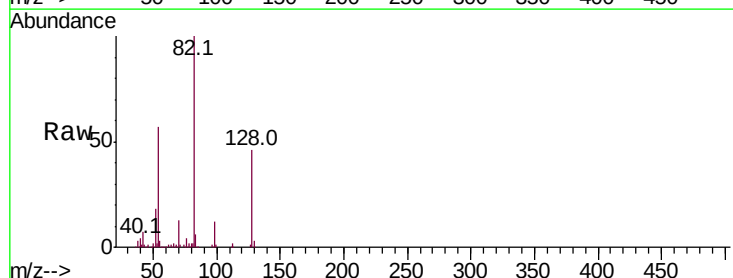
Ion Ratio Lower Upper

70 100

42 56.5 58.6 87.8#

101 0.0 7.8 11.8#

130 1.9 17.1 25.7#

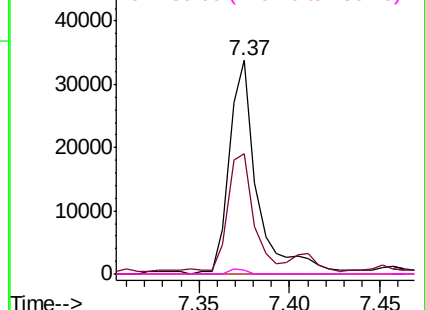
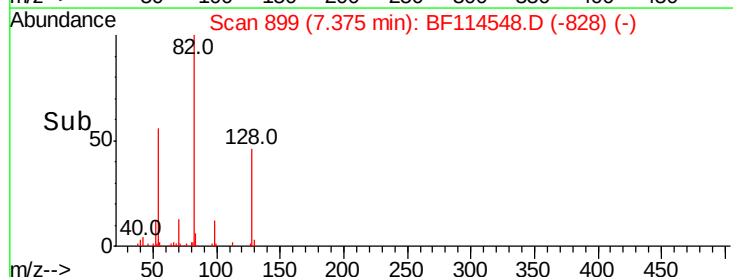


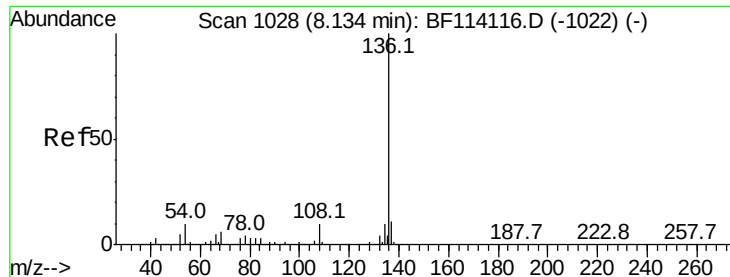
Abundance Ion 70.00 (69.70 to 70.70): BF1

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. -0.03 min

Lab File: BF114548.D

Acq: 24 May 2019 2:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 663381

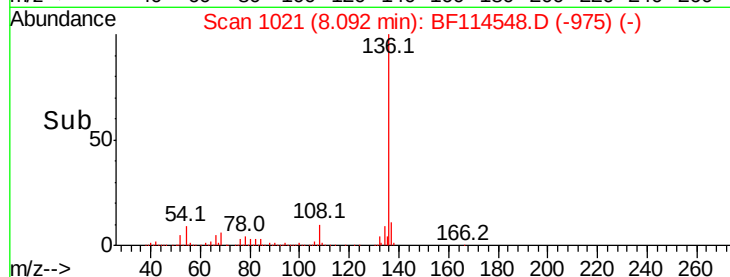
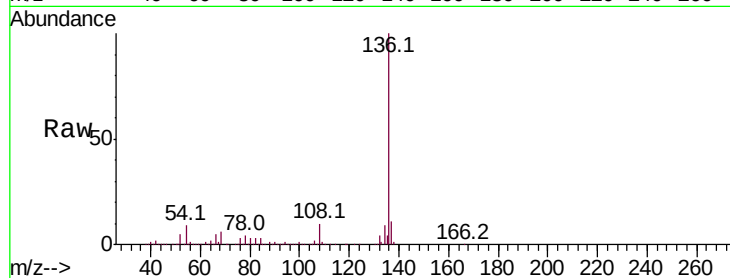
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 9.0 7.8 11.8

68 5.7 5.1 7.7

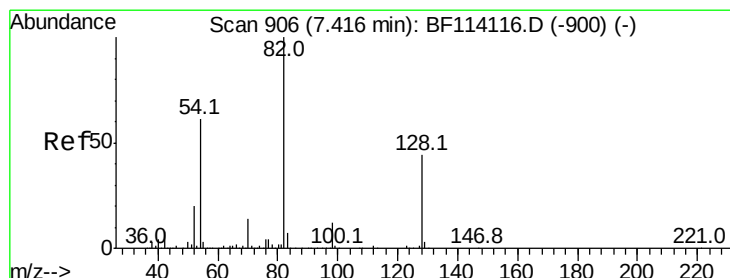
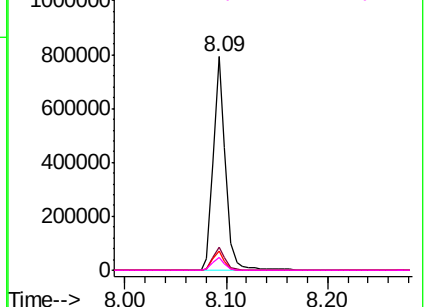


Abundance Ion 136.00 (135.70 to 136.70): E

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: 22.798 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.03 min

Lab File: BF114548.D

Acq: 24 May 2019 2:26

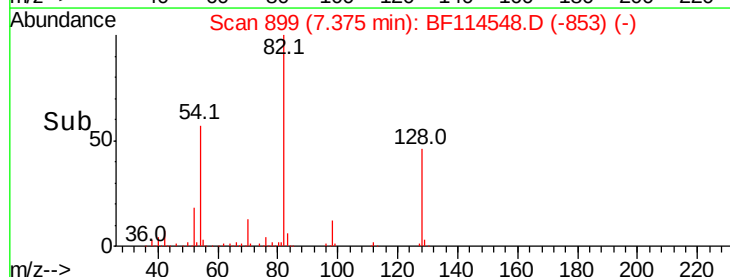
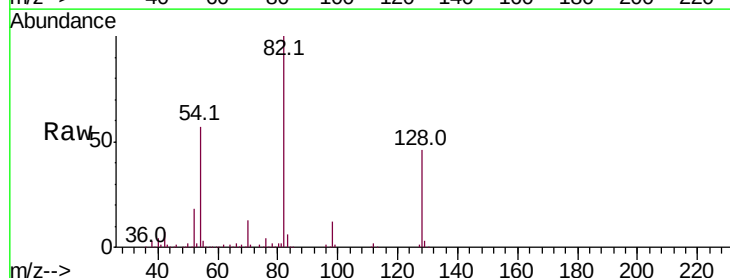
Tgt Ion: 82 Resp: 269485

Ion Ratio Lower Upper

82 100

128 46.2 35.5 53.3

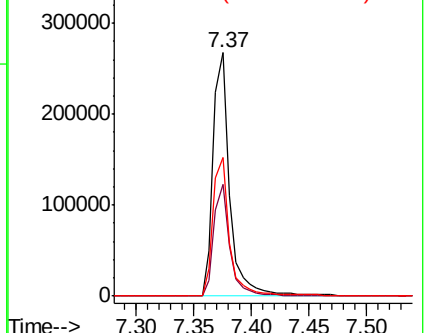
54 56.8 48.5 72.7

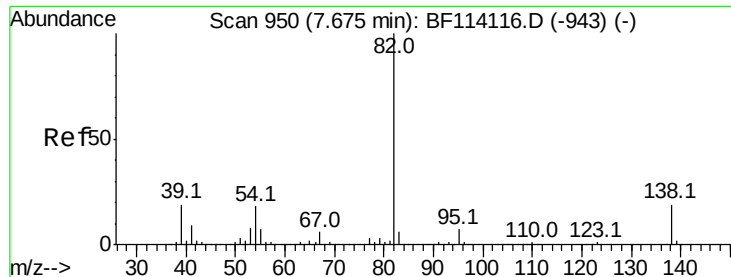


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 12.292 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.29 min

Lab File: BF114548.D

Acq: 24 May 2019 2:26

Instrument :

BNA_F

ClientSampled :

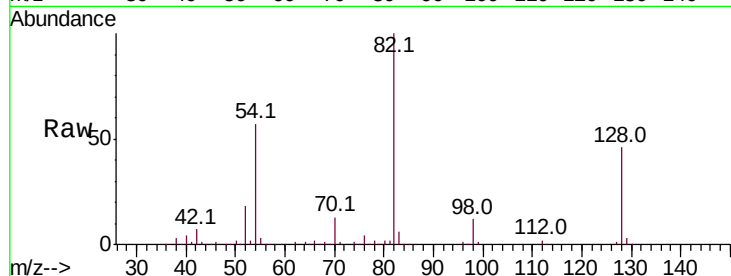
Tot Ion: 82 Resp: 269481

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

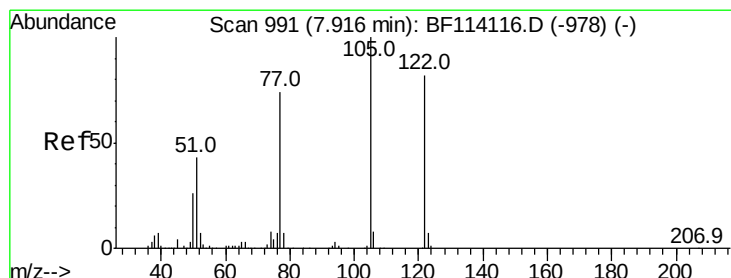
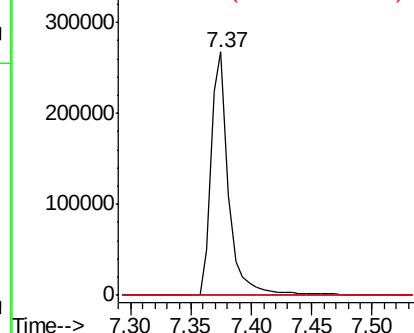
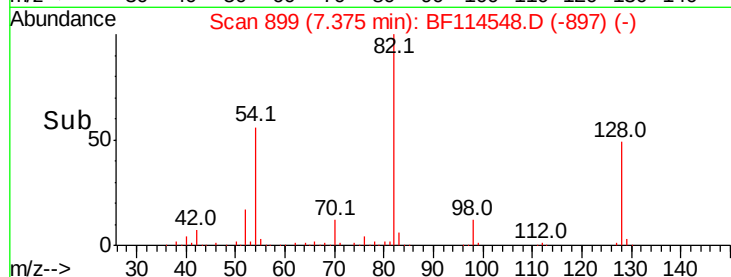
138 0.0 14.8 22.2#



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



#32

Benzoic acid

Concen: 7.558 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.03 min

Lab File: BF114548.D

Acq: 24 May 2019 2:26

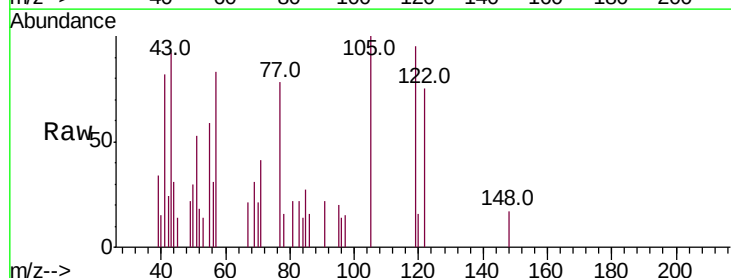
Tgt Ion: 122 Resp: 4120

Ion Ratio Lower Upper

122 100

105 133.0 99.9 139.9

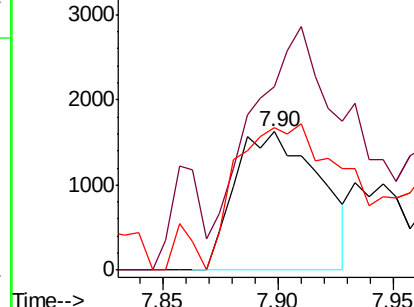
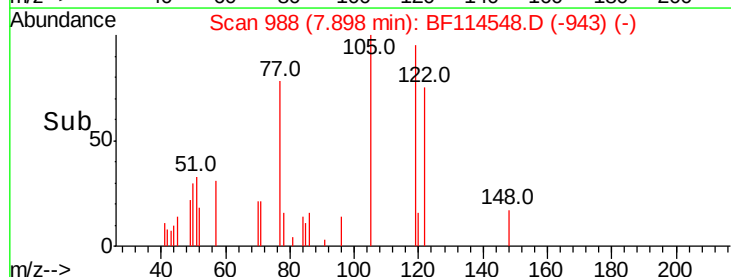
77 103.1 69.4 109.4

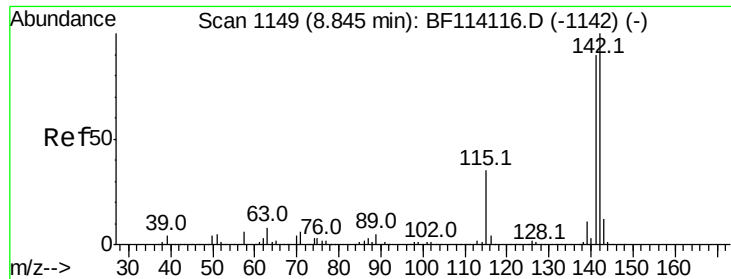


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

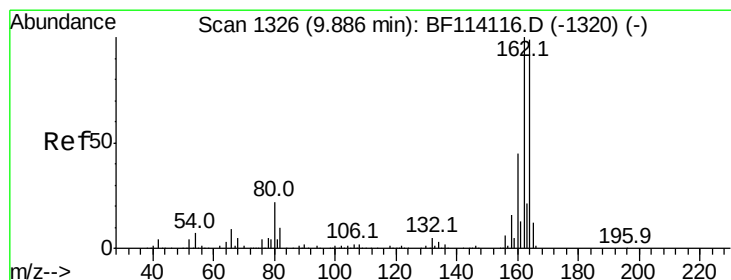
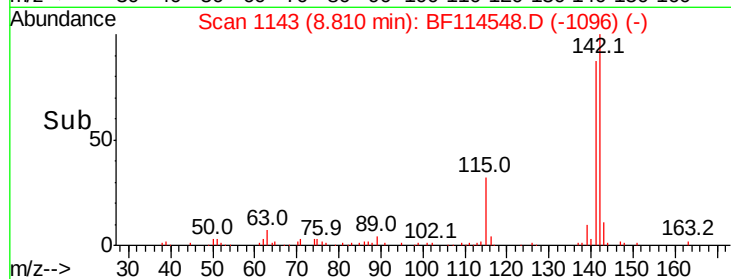
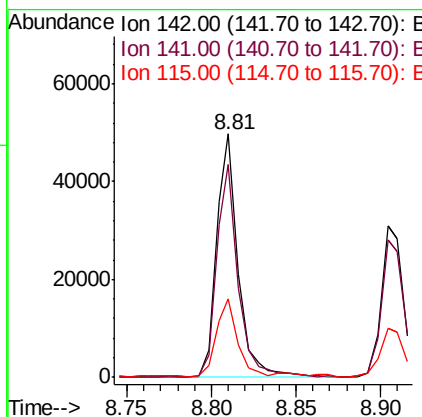
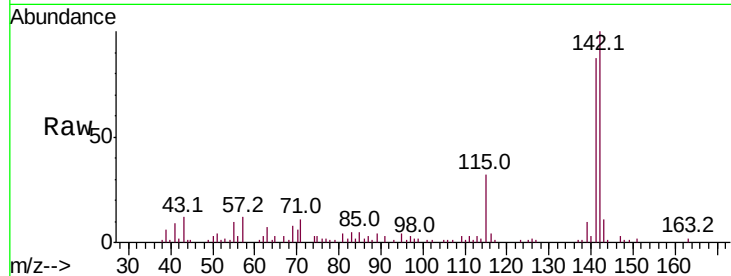




#37
2-Methylnaphthalene
Concen: 2.209 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.02 min
Lab File: BF114548.D
Acq: 24 May 2019 2:26

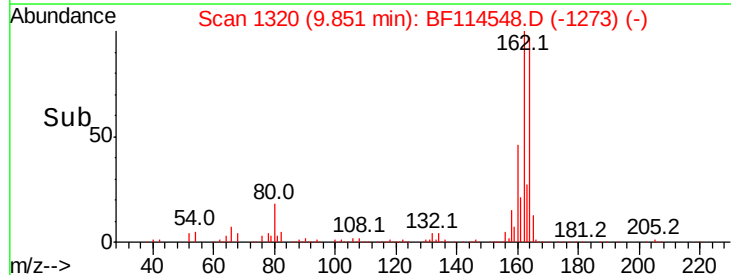
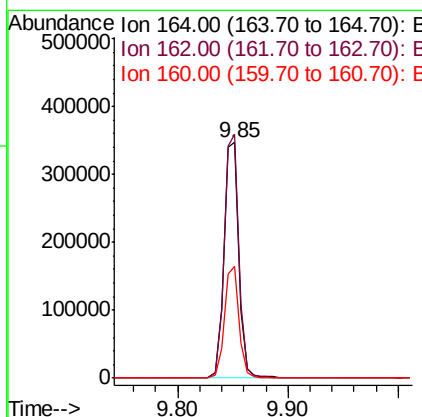
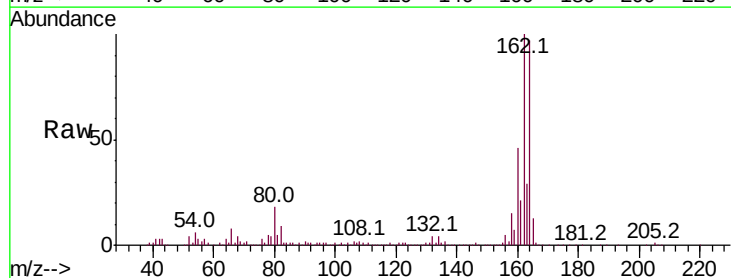
Instrument :
BNA_F
ClientSampleId :

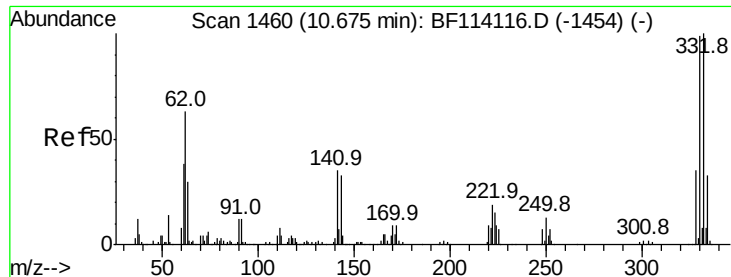
Tot Ion:142 Resp: 44167
Ion Ratio Lower Upper
142 100
141 87.4 72.1 108.1
115 32.3 28.0 42.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BF114548.D
Acq: 24 May 2019 2:26

Tgt Ion:164 Resp: 326955
Ion Ratio Lower Upper
164 100
162 103.4 80.6 120.8
160 47.3 36.5 54.7





#42

2,4,6-Tribromophenol

Concen: 31.800 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.02 min

Lab File: BF114548.D

Acq: 24 May 2019 2:26

Instrument :

BNA_F

ClientSampleId :

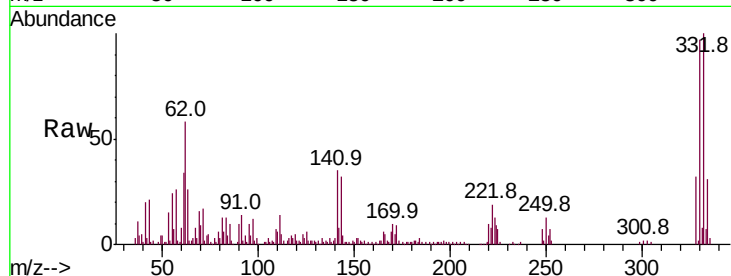
Tot Ion:330 Resp: 107490

Ion Ratio Lower Upper

330 100

332 102.2 81.4 122.2

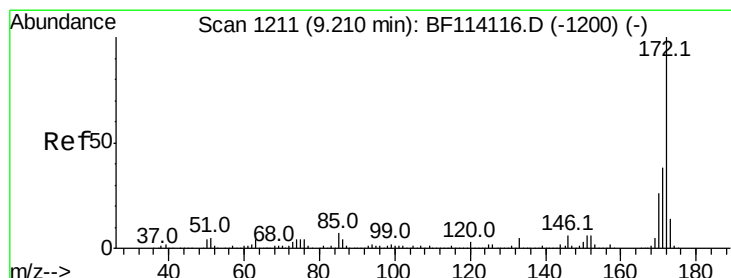
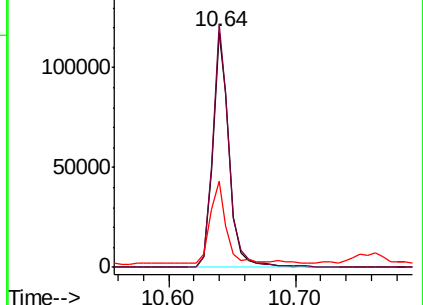
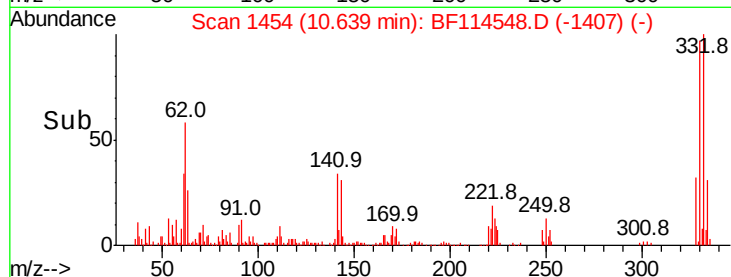
141 33.6 26.6 40.0



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: 25.646 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.02 min

Lab File: BF114548.D

Acq: 24 May 2019 2:26

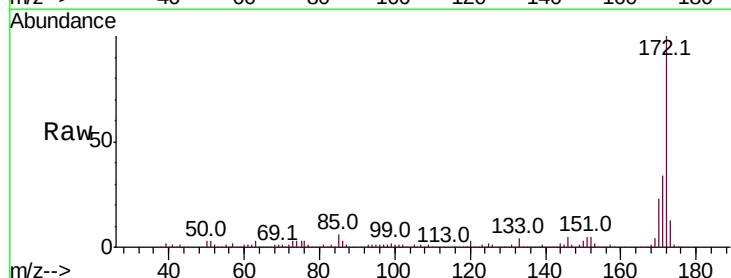
Tgt Ion:172 Resp: 554328

Ion Ratio Lower Upper

172 100

171 34.0 30.7 46.1

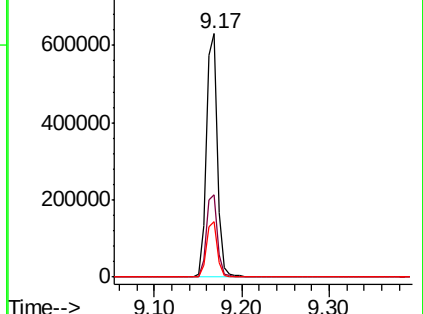
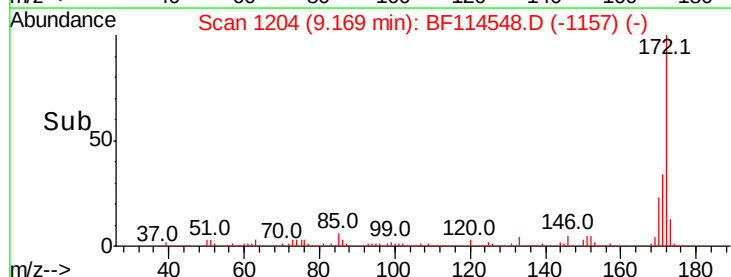
170 22.9 20.5 30.7

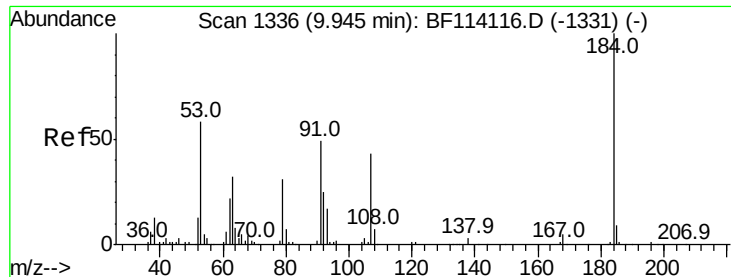


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

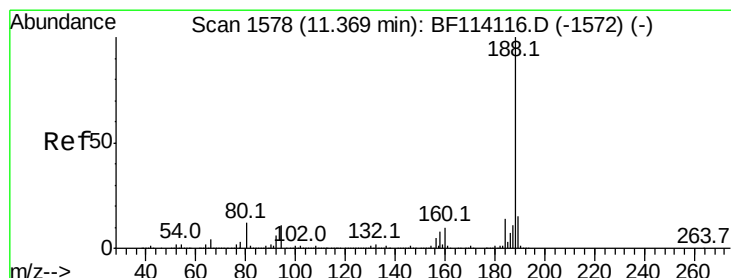
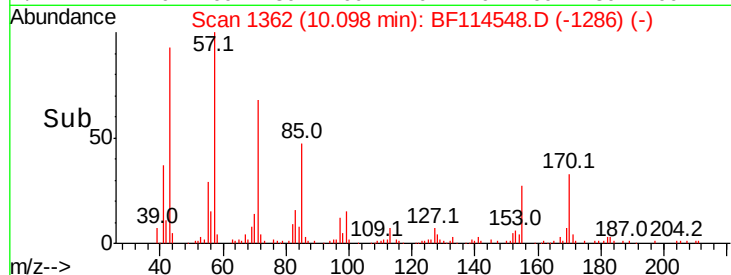
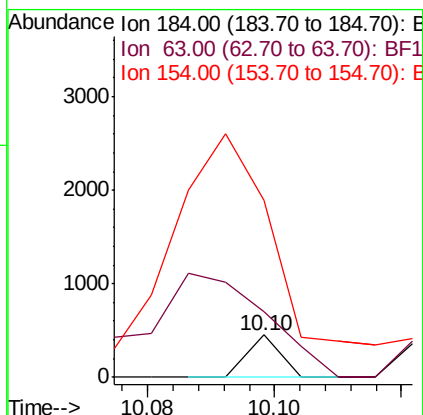
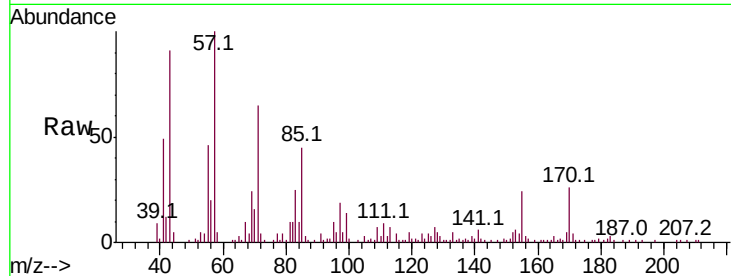




#54
 2,4-Dinitrophenol
 Concen: 6.800 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.15 min
 Lab File: BF114548.D
 Acq: 24 May 2019 2:26

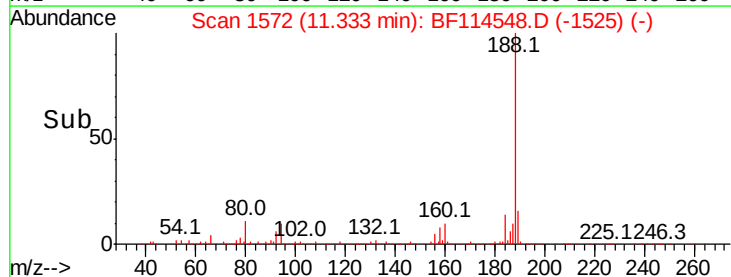
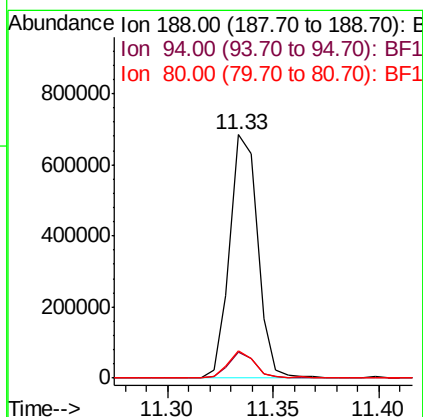
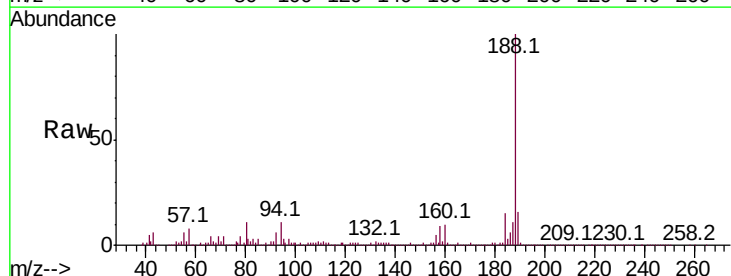
Instrument :
 BNA_F
 ClientSampleId :

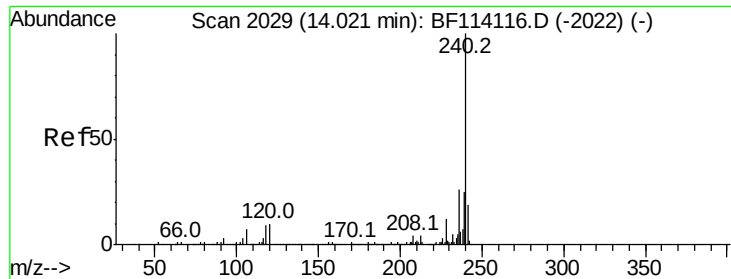
Tot Ion:184 Resp: 159
 Ion Ratio Lower Upper
 184 100
 63 156.0 55.6 83.4#
 154 419.0 46.0 69.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.02 min
 Lab File: BF114548.D
 Acq: 24 May 2019 2:26

Tgt Ion:188 Resp: 626517
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.4 12.6
 80 11.0 9.2 13.8

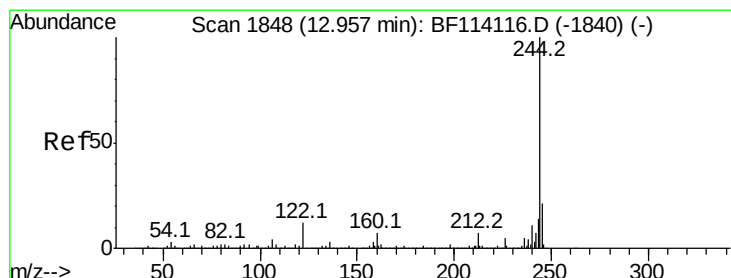
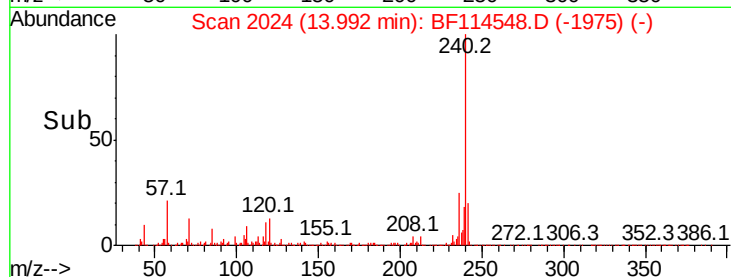
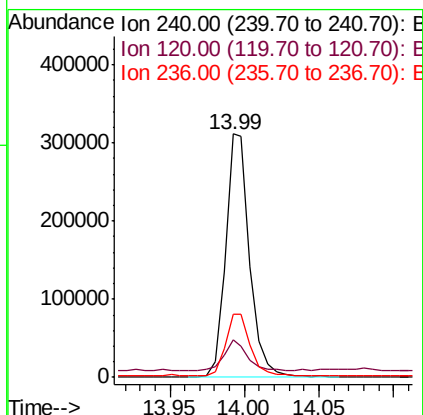
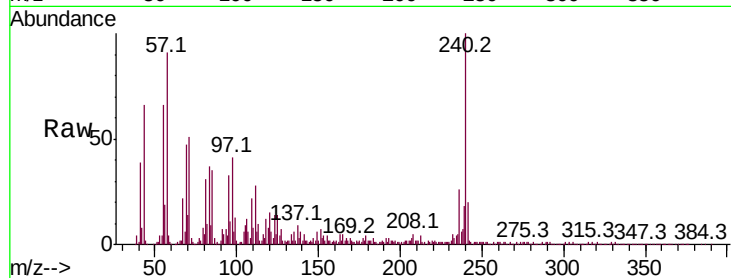




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF114548.D
 Acq: 24 May 2019 2:26

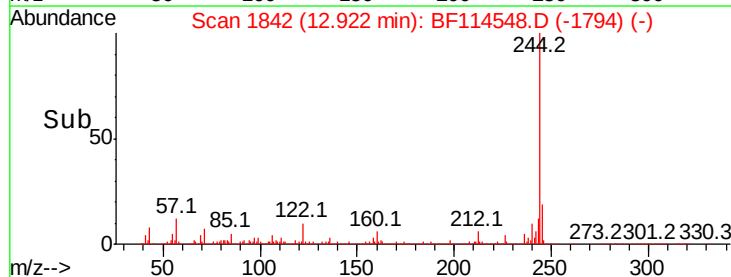
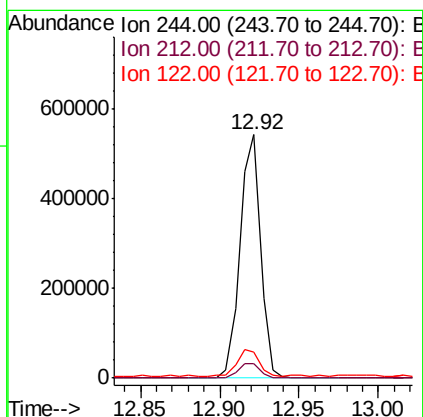
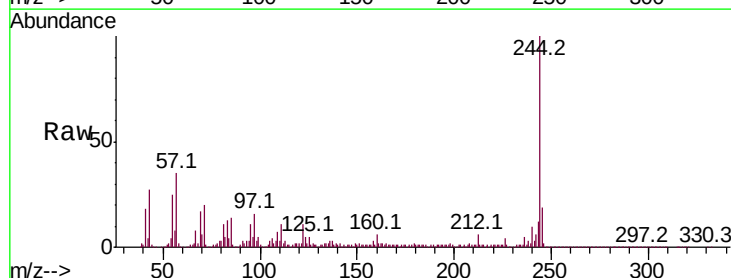
Instrument :
 BNA_F
 ClientSampleId :

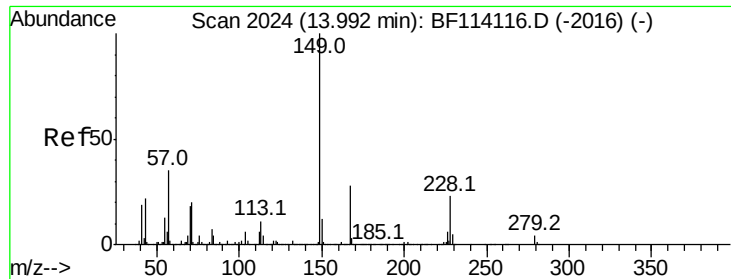
Tot Ion:240 Resp: 350024
 Ion Ratio Lower Upper
 240 100
 120 15.3 8.3 12.5#
 236 25.9 20.8 31.2



#79
 Terphenyl-d14
 Concen: 28.638 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.02 min
 Lab File: BF114548.D
 Acq: 24 May 2019 2:26

Tgt Ion:244 Resp: 486255
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.8 8.6
 122 10.9 9.4 14.2

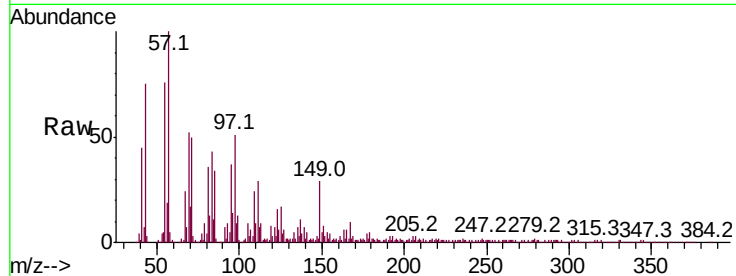




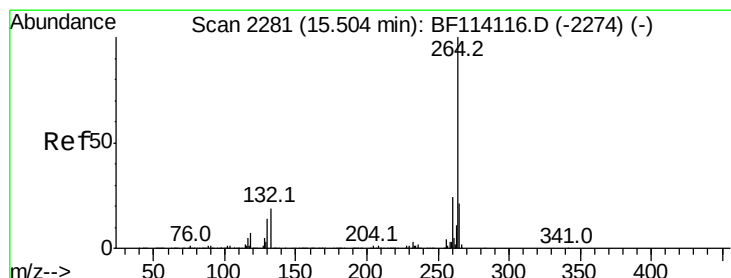
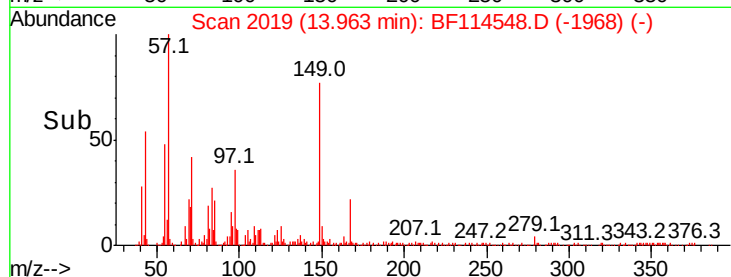
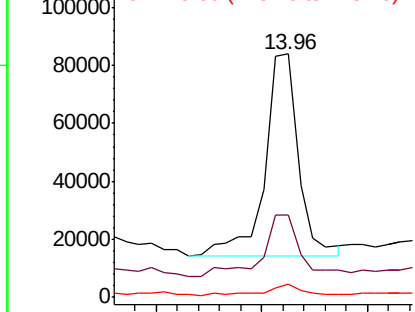
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.990 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF114548.D
 Acq: 24 May 2019 2:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 77346
 Ion Ratio Lower Upper
 149 100
 167 33.9 22.6 33.8#
 279 5.2 3.0 4.6#

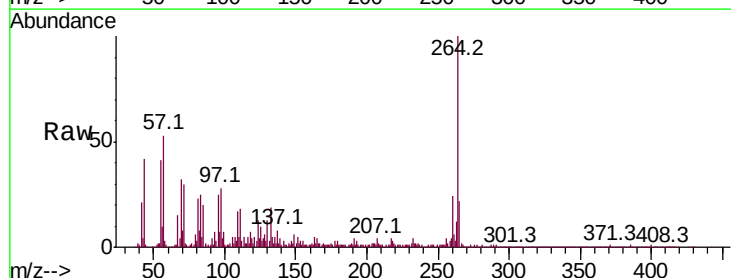


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: BF114548.D
 Acq: 24 May 2019 2:26

Tgt Ion:264 Resp: 407464
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.0
 265 22.2 16.9 25.3



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

