

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
 Data File : BF116559.D
 Acq On : 26 Aug 2019 6:23
 Operator : HP/JU
 Sample : K4450-08
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 26 08:42:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

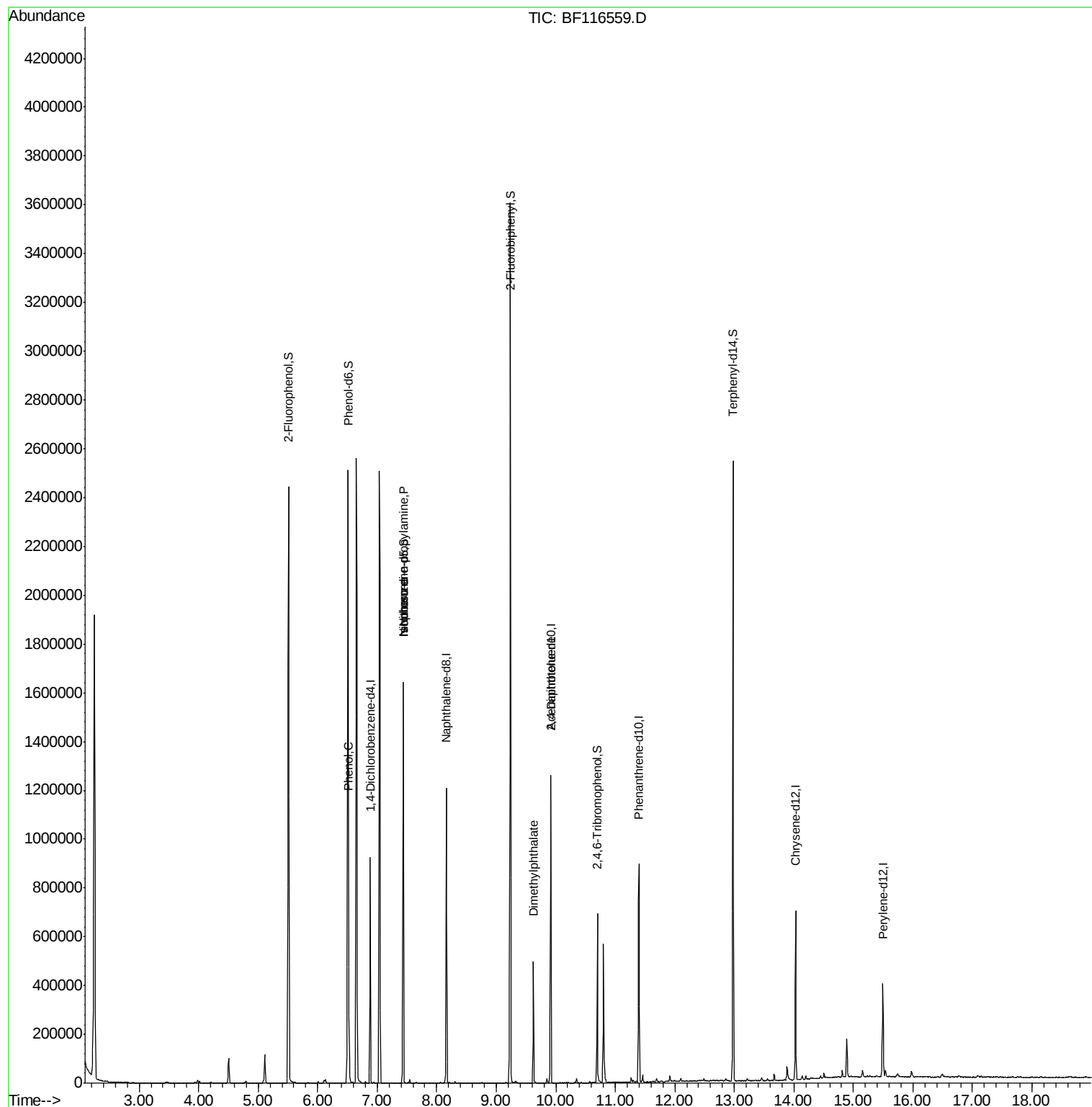
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	137292	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	508146	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	231561	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	311064	20.00	ng	0.00
76) Chrysene-d12	14.03	240	207312	20.00	ng	0.00
87) Perylene-d12	15.49	264	178766	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	668483	71.14	ng	0.01
7) Phenol-d6	6.51	99	902464	78.33	ng	0.00
23) Nitrobenzene-d5	7.44	82	554974	59.75	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	77686	39.07	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1124958	78.24	ng	0.00
79) Terphenyl-d14	12.98	244	796983	71.81	ng	0.00
Target Compounds						
10) Phenol	6.52	94	49776	3.979	ng	98
19) n-Nitroso-di-n-propylamine	7.44	70	72540	9.227	ng	# 79
25) Isophorone	7.44	82	554675	30.304	ng	# 67
50) Dimethylphthalate	9.62	163	204090	12.632	ng	100
57) 2,4-Dinitrotoluene	9.92	165	30020	7.134	ng	# 20

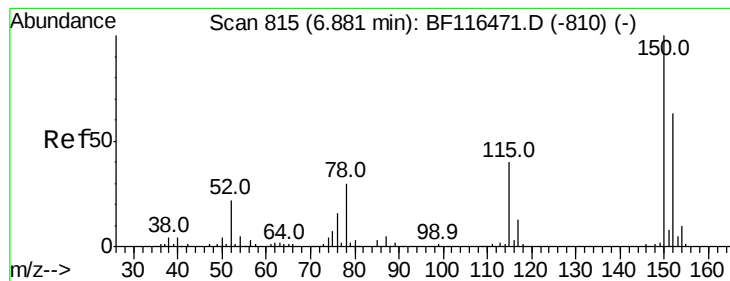
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 34 Sample Multiplier: 1

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF116559.D

Acq: 26 Aug 2019 6:23

Instrument :

BNA_F

ClientSampleId :

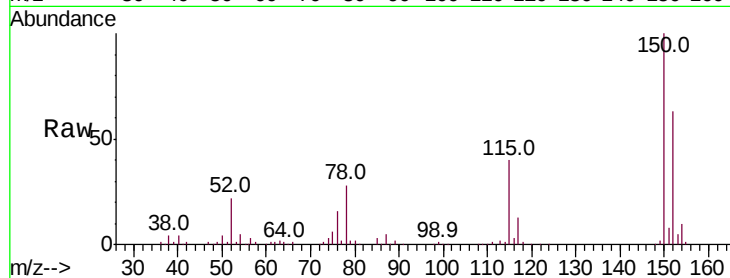
Tot Ion:152 Resp: 137292

Ion Ratio Lower Upper

152 100

150 159.0 126.7 190.1

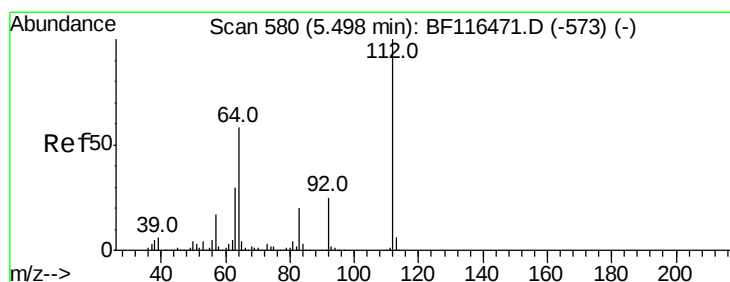
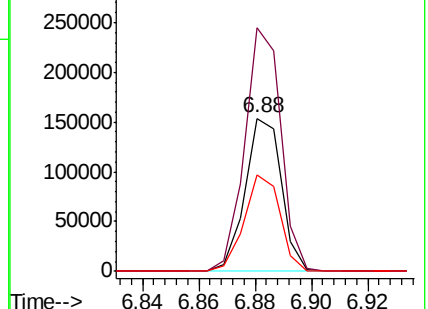
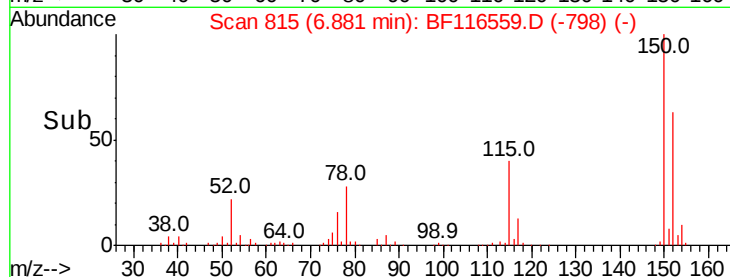
115 62.9 50.9 76.3



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: 71.144 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF116559.D

Acq: 26 Aug 2019 6:23

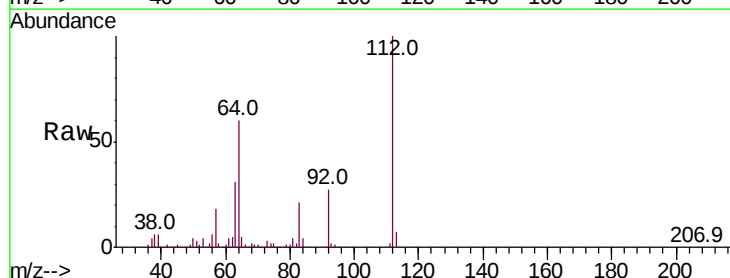
Tgt Ion:112 Resp: 668483

Ion Ratio Lower Upper

112 100

64 59.8 46.3 69.5

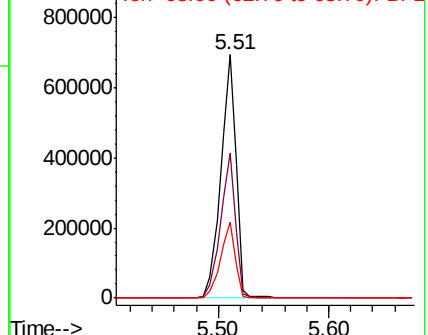
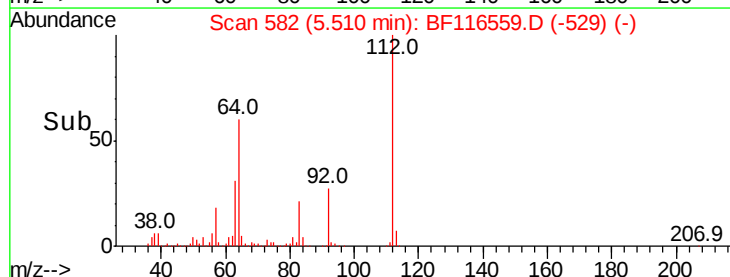
63 31.4 24.2 36.4

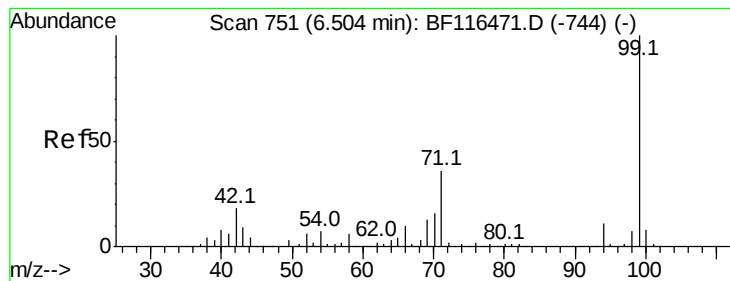


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 78.331 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF116559.D

Acq: 26 Aug 2019 6:23

Instrument :

BNA_F

ClientSampled :

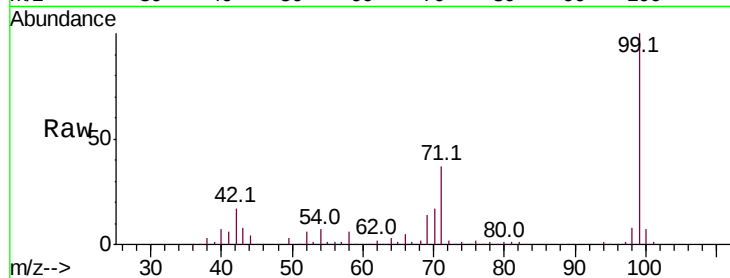
Tot Ion: 99 Resp: 902464

Ion Ratio Lower Upper

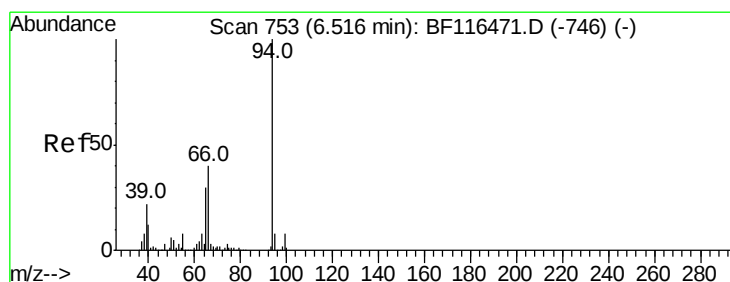
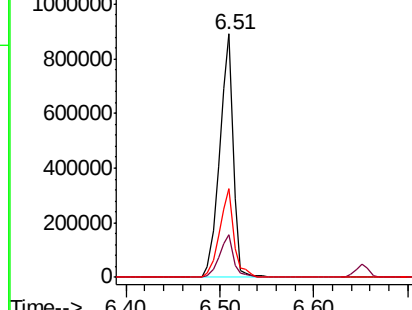
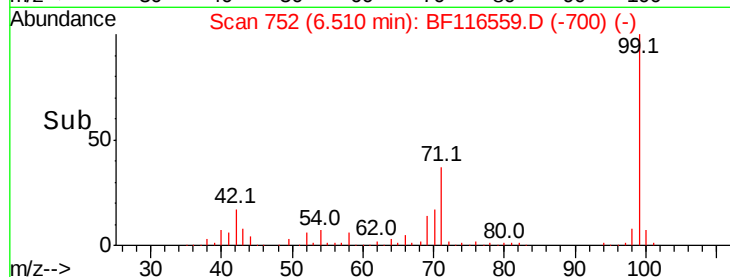
99 100

42 17.4 14.6 21.8

71 36.5 28.5 42.7



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



#10

Phenol

Concen: 3.979 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF116559.D

Acq: 26 Aug 2019 6:23

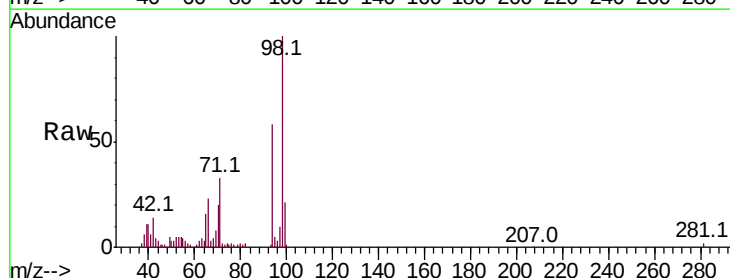
Tgt Ion: 94 Resp: 49776

Ion Ratio Lower Upper

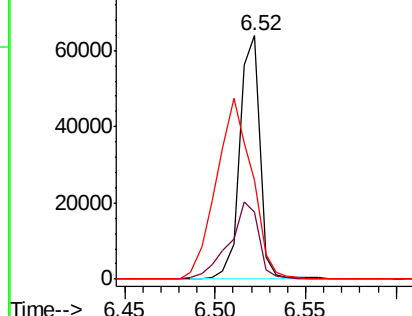
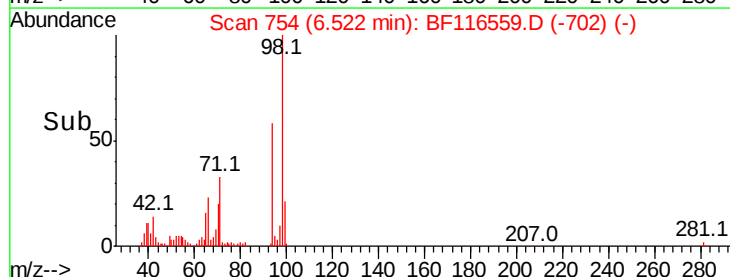
94 100

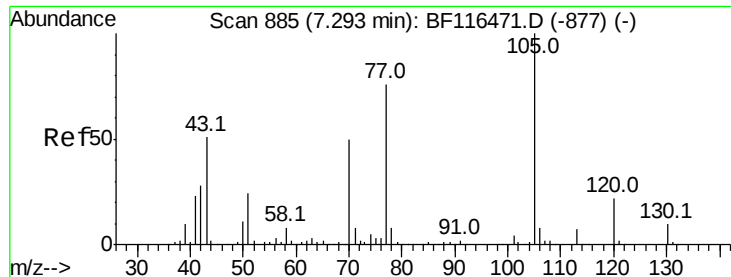
65 27.7 10.0 50.0

66 40.5 19.8 59.8



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

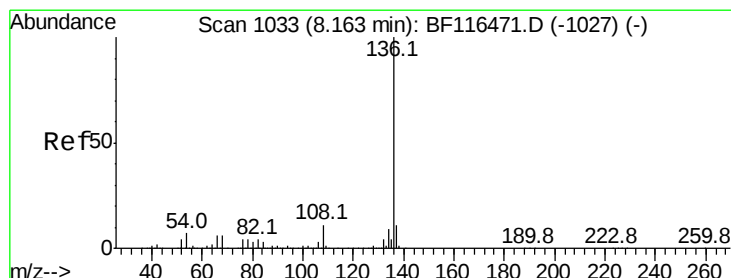
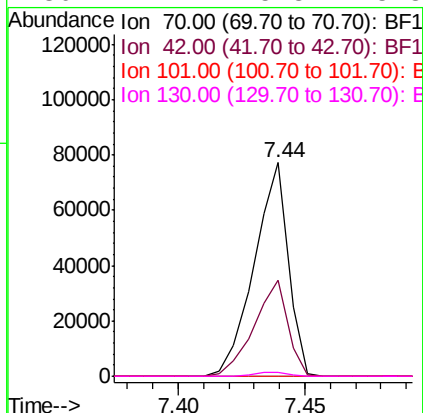
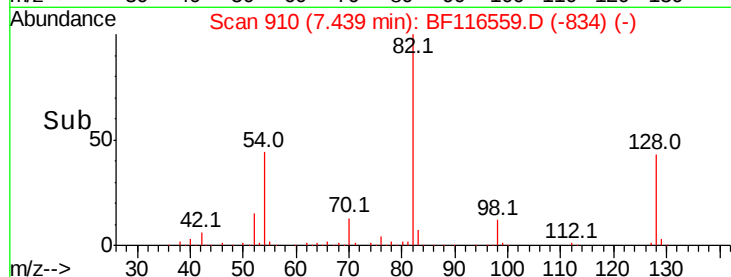
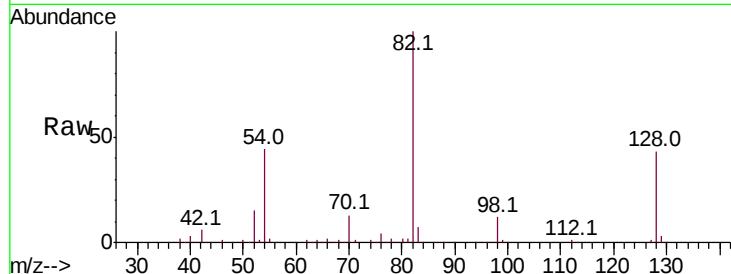




#19
n-Nitroso-di-n-propylamine
Concen: 9.227 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF116559.D
Acq: 26 Aug 2019 6:23

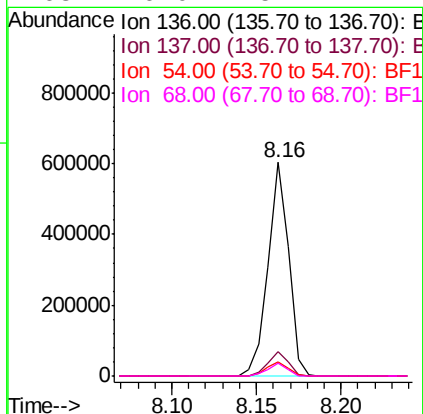
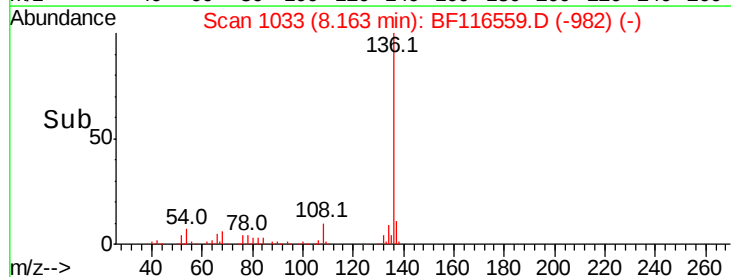
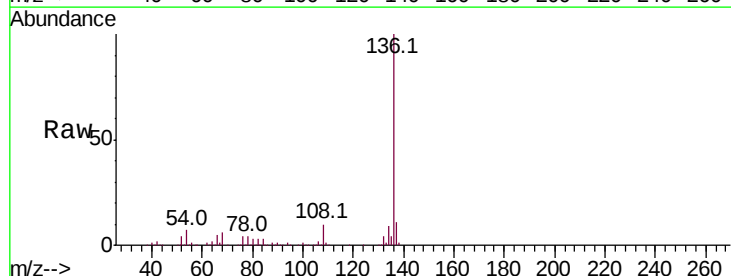
Instrument :
BNA_F
ClientSampled :

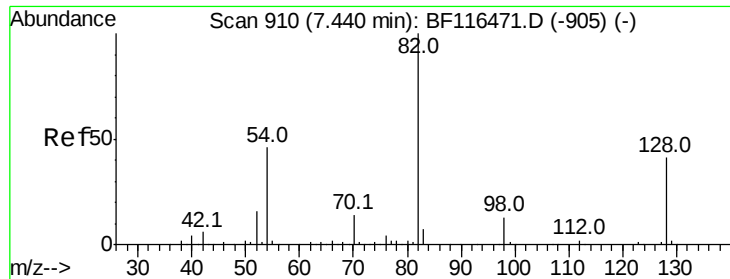
Tot Ion: 70 Resp: 72540
Ion Ratio Lower Upper
70 100
42 44.9 44.4 66.6
101 0.0 7.1 10.7#
130 2.1 15.8 23.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF116559.D
Acq: 26 Aug 2019 6:23

Tgt Ion:136 Resp: 508146
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 6.9 5.8 8.6
68 6.0 5.1 7.7

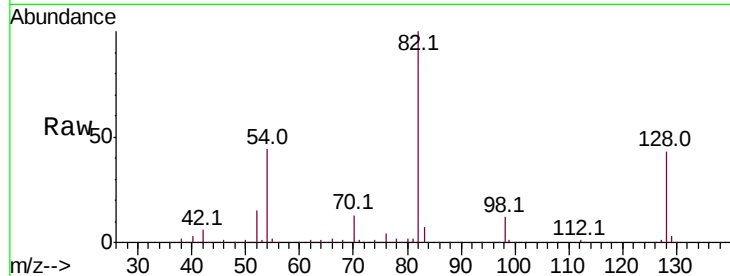




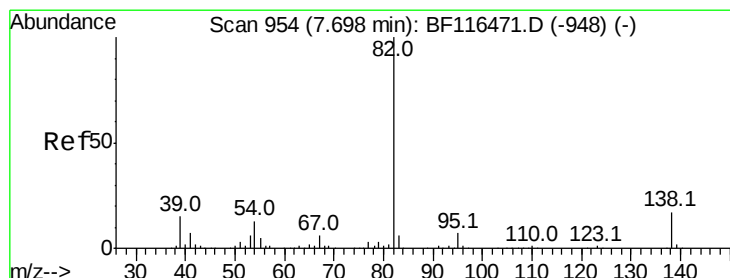
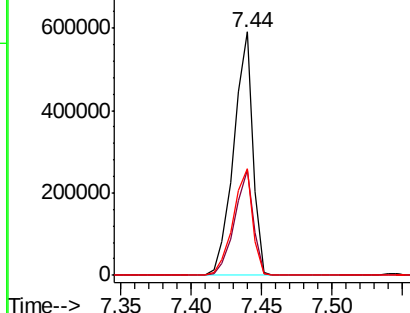
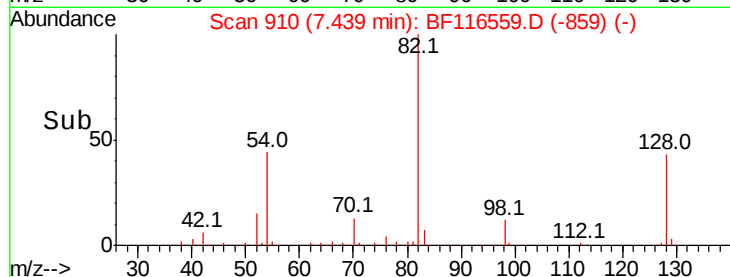
#23
 Nitrobenzene-d5
 Concen: 59.752 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF116559.D
 Acq: 26 Aug 2019 6:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.0	32.2	48.4
54	44.0	36.5	54.7

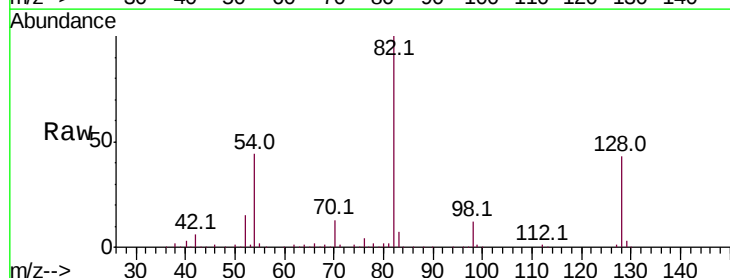


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

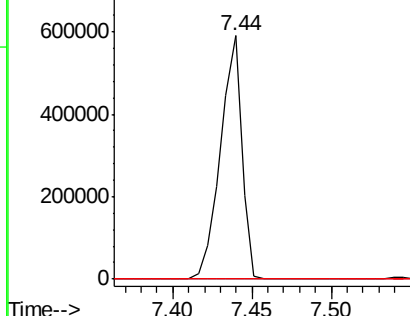
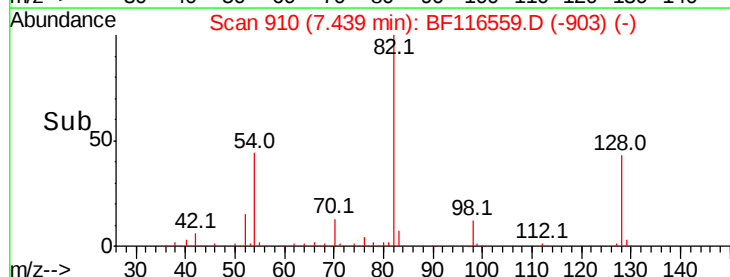


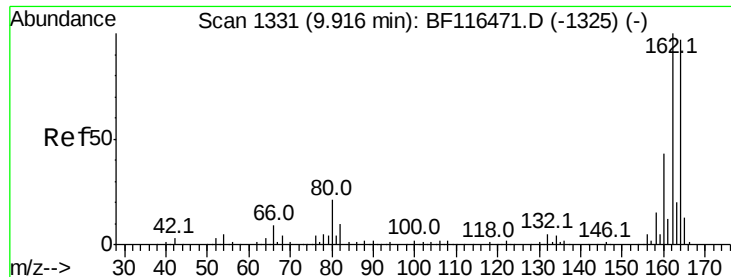
#25
 Isophorone
 Concen: 30.304 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.26 min
 Lab File: BF116559.D
 Acq: 26 Aug 2019 6:23

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.3	19.9#



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

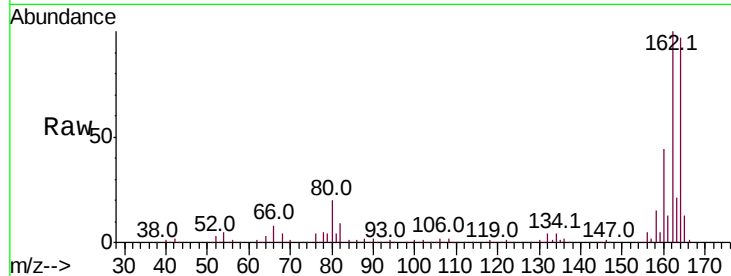




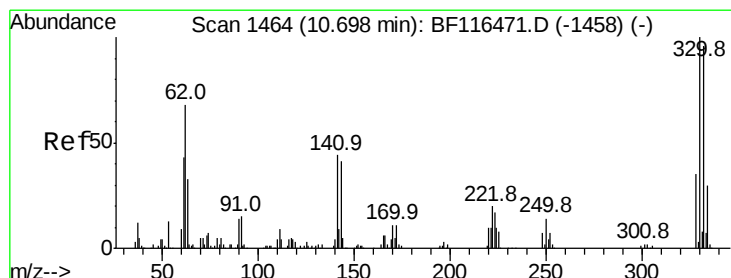
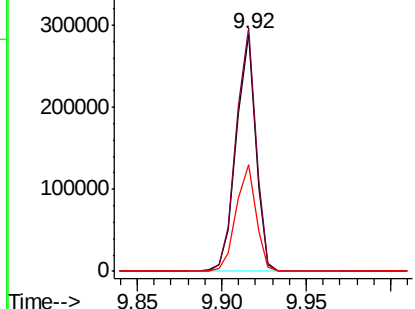
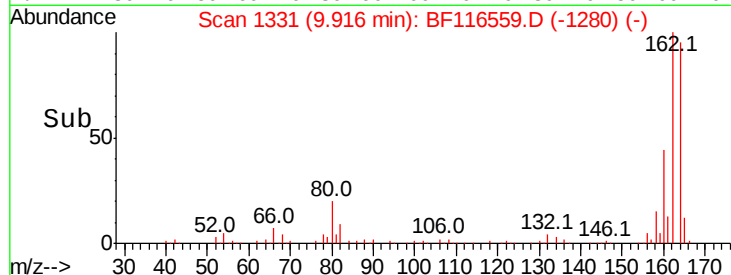
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF116559.D
 Acq: 26 Aug 2019 6:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.6	123.8
160	45.0	35.8	53.8

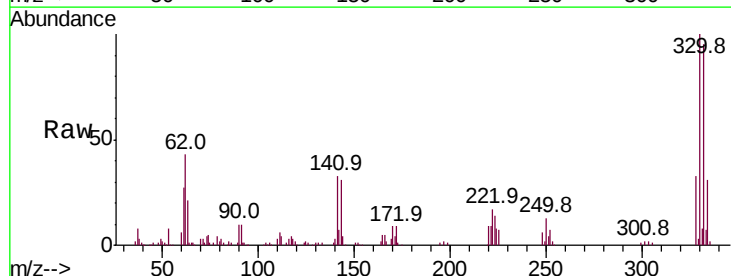


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

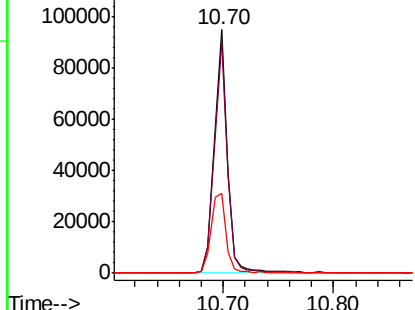
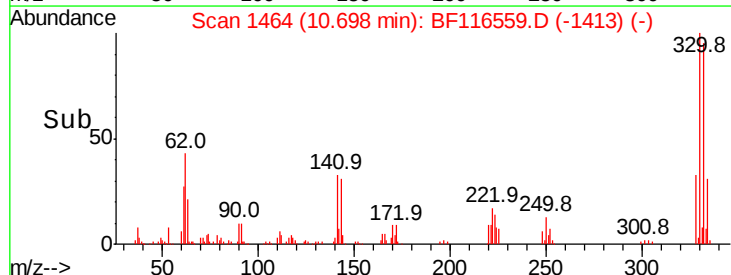


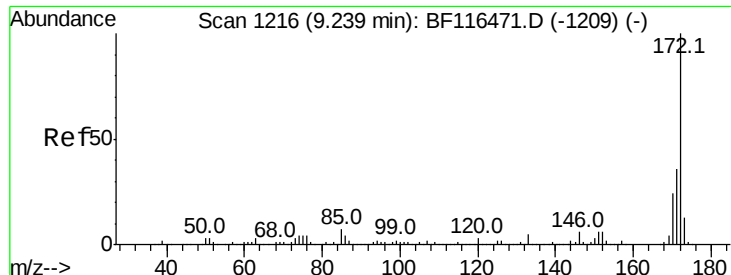
#42
 2,4,6-Tribromophenol
 Concen: 39.071 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF116559.D
 Acq: 26 Aug 2019 6:23

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.2	115.8
141	37.2	33.3	49.9



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

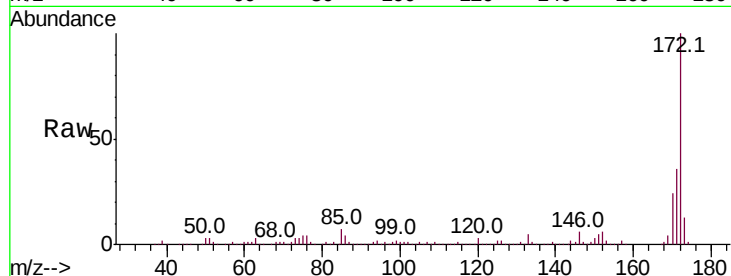




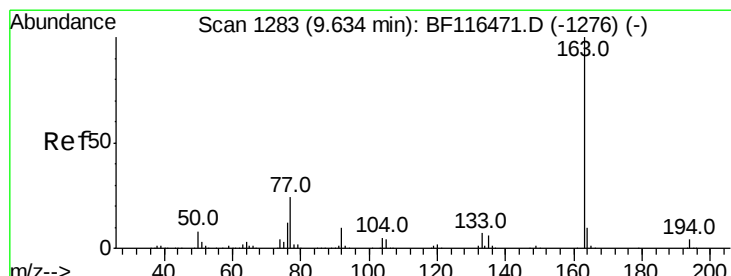
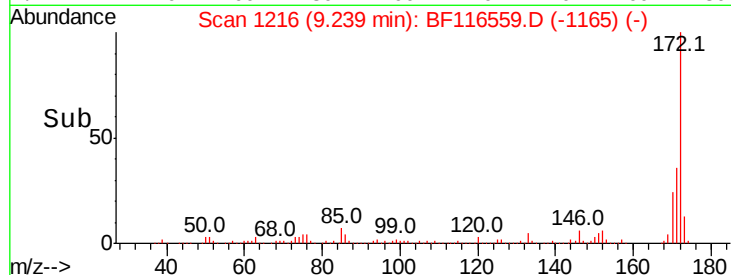
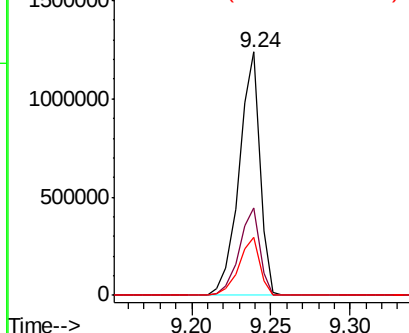
#45
2-Fluorobiphenyl
Concen: 78.236 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF116559.D
Acq: 26 Aug 2019 6:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1124958
Ion Ratio Lower Upper
172 100
171 36.1 28.9 43.3
170 23.8 19.4 29.0

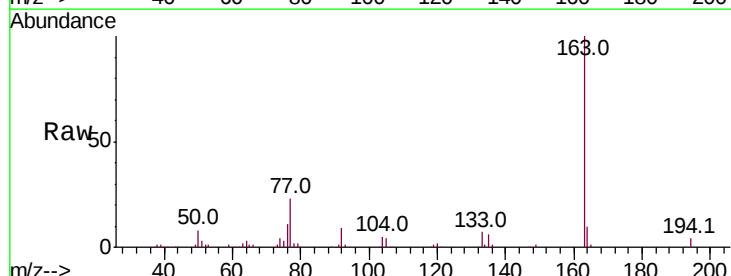


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

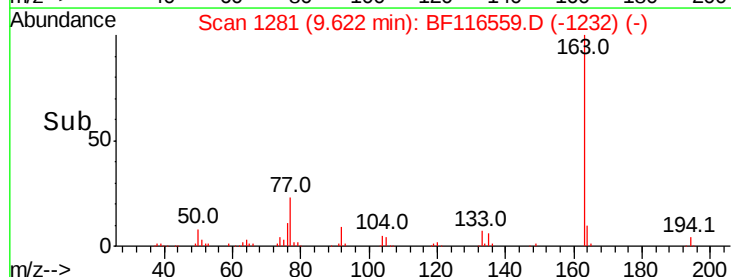
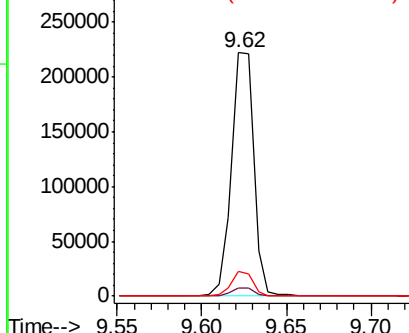


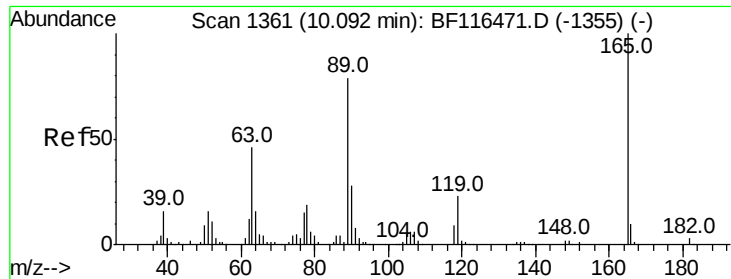
#50
Dimethylphthalate
Concen: 12.632 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF116559.D
Acq: 26 Aug 2019 6:23

Tgt Ion:163 Resp: 204090
Ion Ratio Lower Upper
163 100
194 3.5 2.9 4.3
164 10.4 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

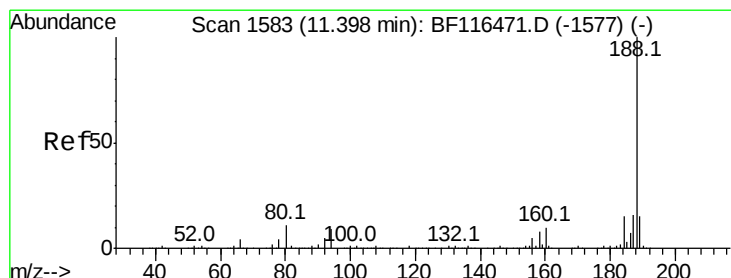
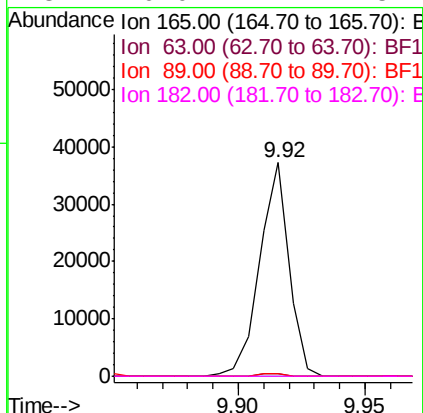
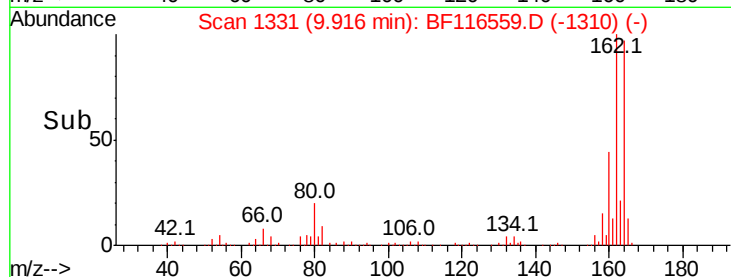
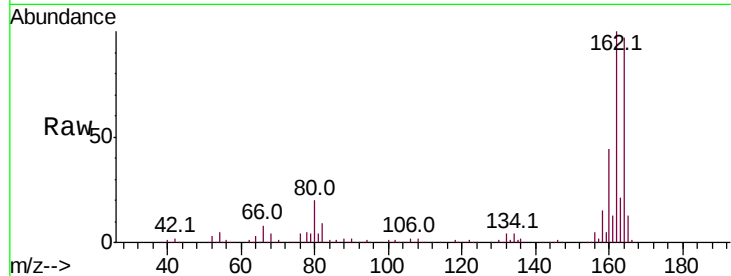




#57
 2,4-Dinitrotoluene
 Concen: 7.134 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.18 min
 Lab File: BF116559.D
 Acq: 26 Aug 2019 6:23

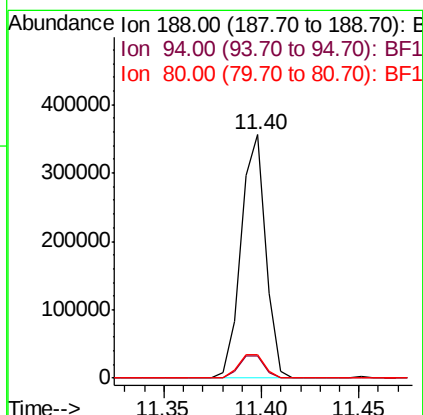
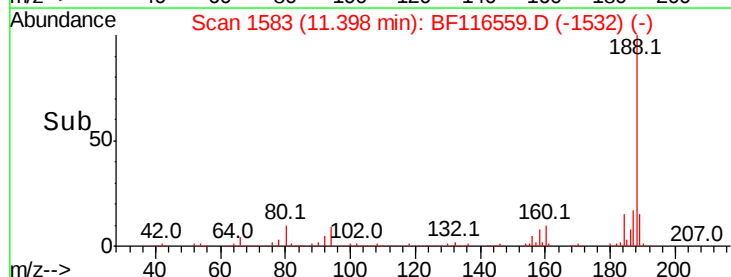
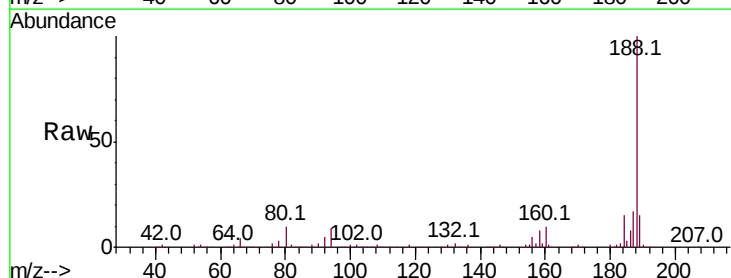
Instrument :
 BNA_F
 ClientSampled :

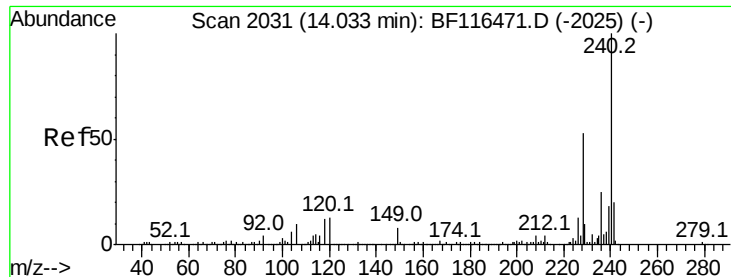
Tot Ion:165	Resp:	30020
Ion Ratio	Lower	Upper
165 100		
63 1.3	36.9	55.3#
89 1.2	63.4	95.0#
182 0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BF116559.D
 Acq: 26 Aug 2019 6:23

Tgt Ion:188	Resp:	311064
Ion Ratio	Lower	Upper
188 100		
94 9.1	7.4	11.2
80 9.8	8.6	12.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF116559.D

Acq: 26 Aug 2019 6:23

Instrument :

BNA_F

ClientSampleId :

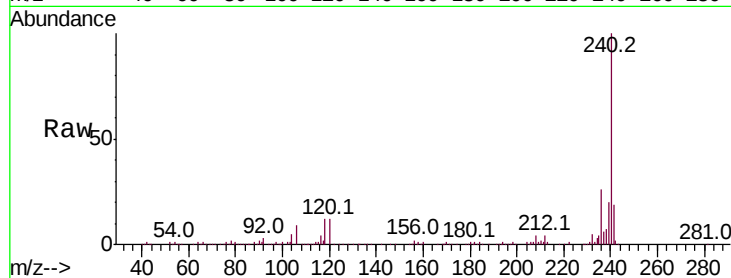
Tot Ion:240 Resp: 207312

Ion Ratio Lower Upper

240 100

120 12.0 10.5 15.7

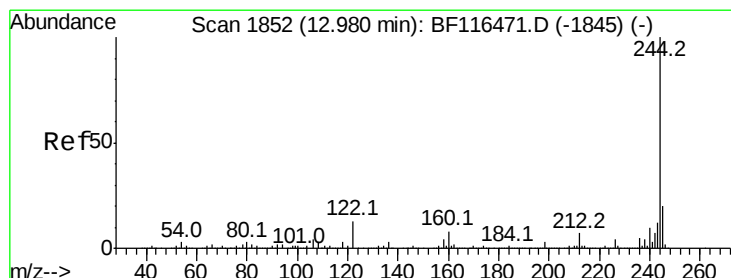
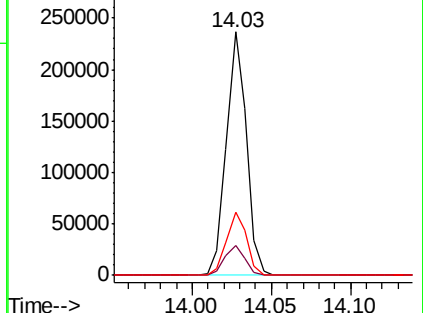
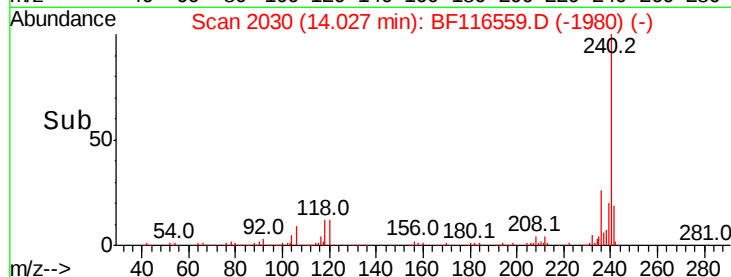
236 25.9 20.2 30.2



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: 71.809 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BF116559.D

Acq: 26 Aug 2019 6:23

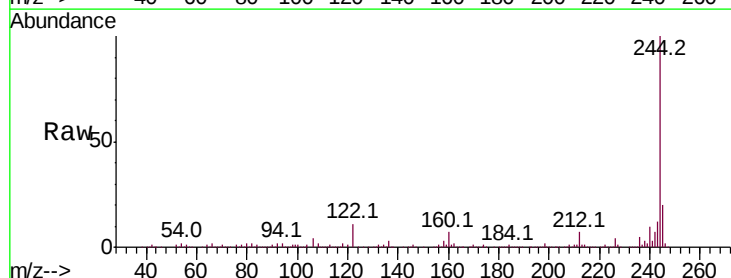
Tgt Ion:244 Resp: 796983

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

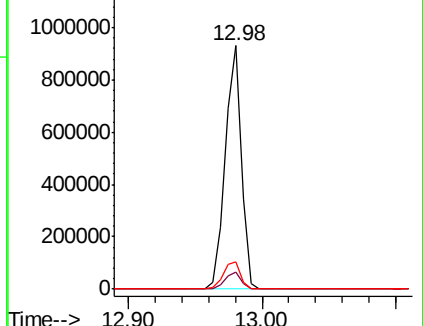
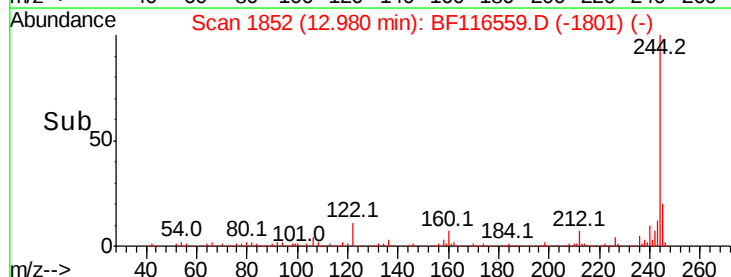
122 11.4 10.2 15.4

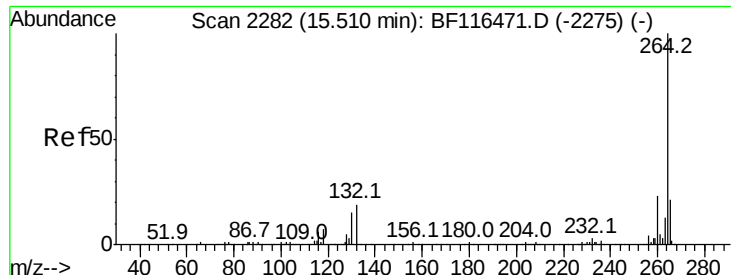


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

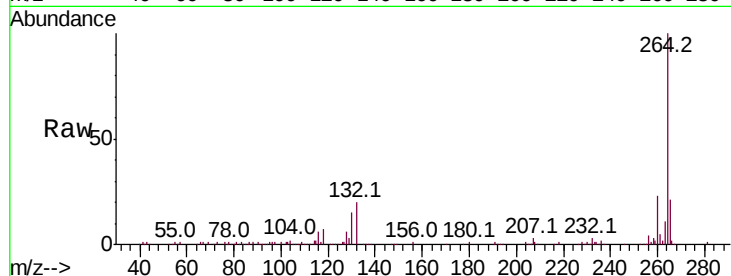




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BF116559.D
 Acq: 26 Aug 2019 6:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264	Resp:	178766
Ion Ratio	Lower	Upper
264	100	
260	23.3	18.8 28.2
265	21.2	17.1 25.7



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

