

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
 Data File : BF116550.D
 Acq On : 26 Aug 2019 2:19
 Operator : HP/JU
 Sample : K4510-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 26 06:32:12 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

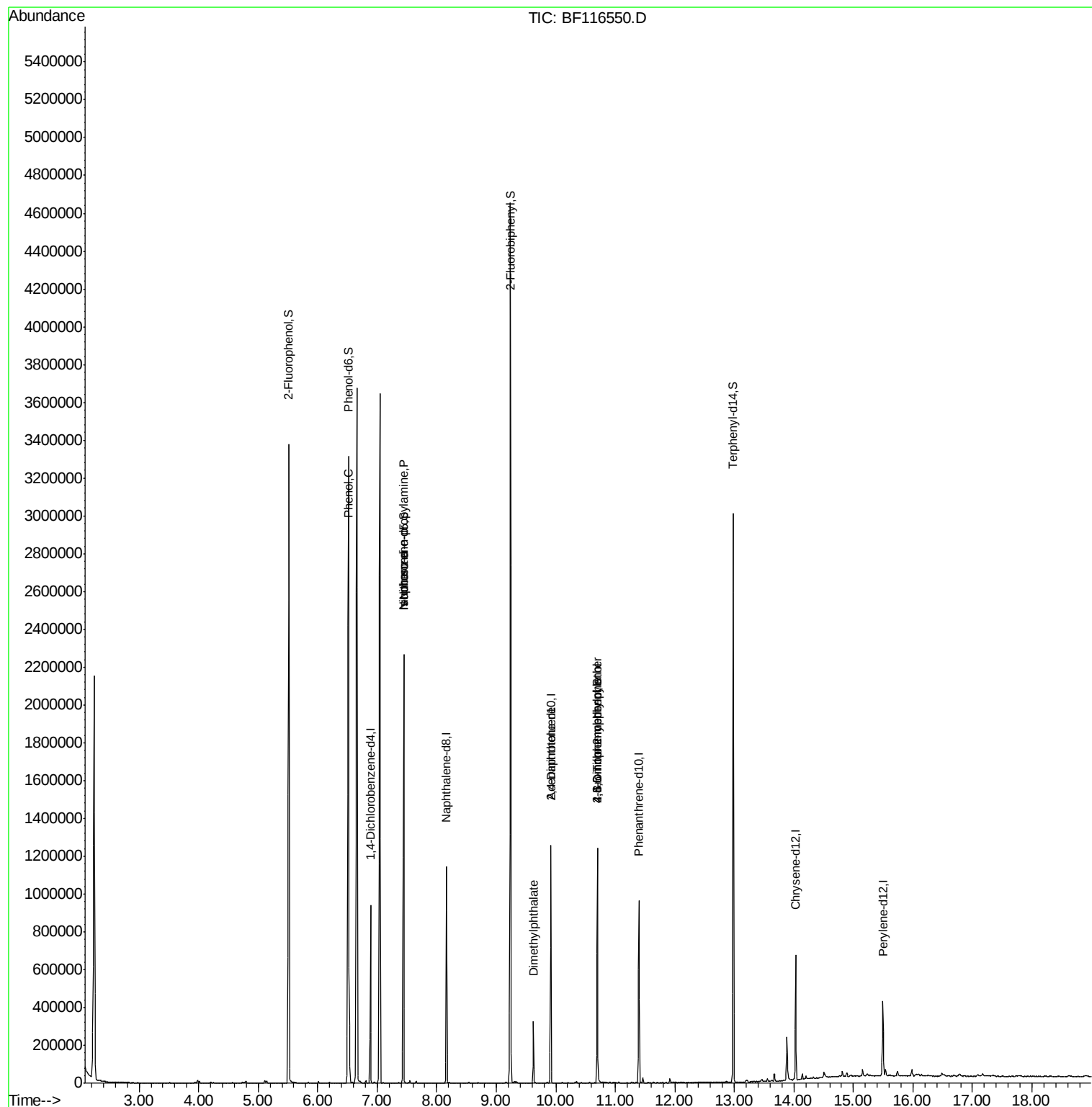
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	140720	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	504327	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	225666	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	306767	20.00	ng	0.00
76) Chrysene-d12	14.03	240	213148	20.00	ng	0.00
87) Perylene-d12	15.50	264	179573	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1039450	107.93	ng	0.02
7) Phenol-d6	6.52	99	1384095	117.21	ng	0.01
23) Nitrobenzene-d5	7.45	82	823310	89.31	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	131593	67.91	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1459202	104.13	ng	0.00
79) Terphenyl-d14	12.98	244	1022388	89.60	ng	0.00
Target Compounds						
10) Phenol	6.53	94	26775	2.088	ng	87
19) n-Nitroso-di-n-propylamine	7.45	70	110180	13.674	ng	# 76
25) Isophorone	7.45	82	821096	45.200	ng	# 67
50) Dimethylphthalate	9.63	163	137112	8.708	ng	99
57) 2,4-Dinitrotoluene	9.92	165	29023	7.077	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.70	198	131	7.094	ng	# 1
67) 4-Bromophenyl-phenylether	10.70	248	8713	2.709	ng	# 1

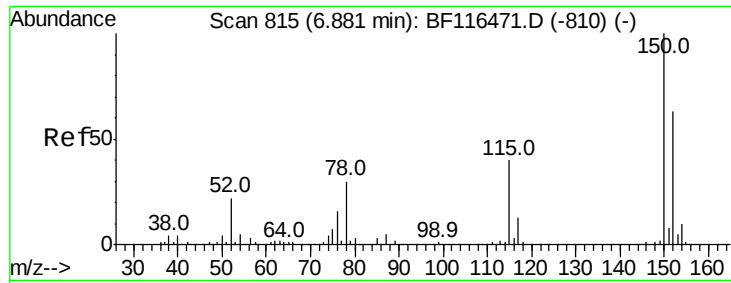
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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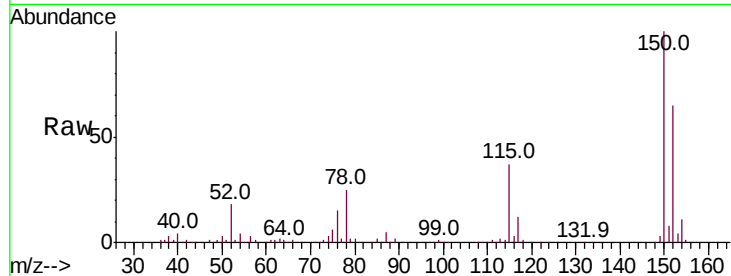


#1

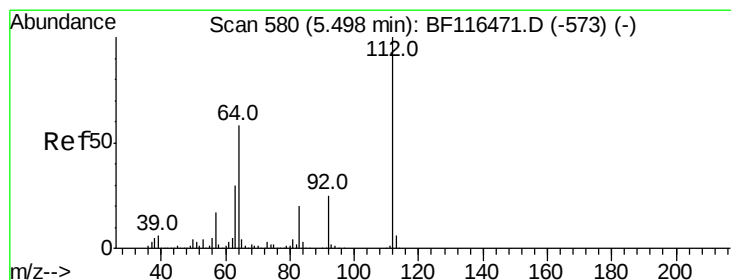
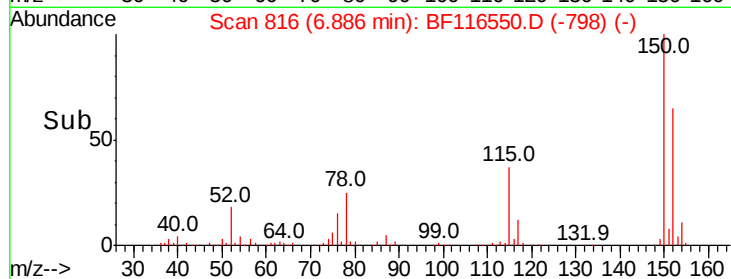
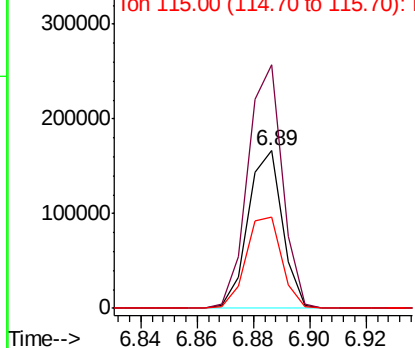
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF116550.D
Acq: 26 Aug 2019 2:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 140720
Ion Ratio Lower Upper
152 100
150 154.8 126.7 190.1
115 57.8 50.9 76.3



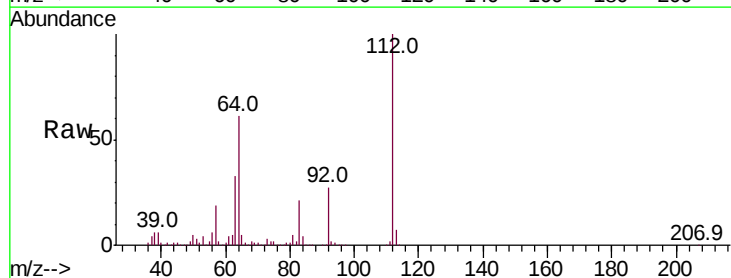
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



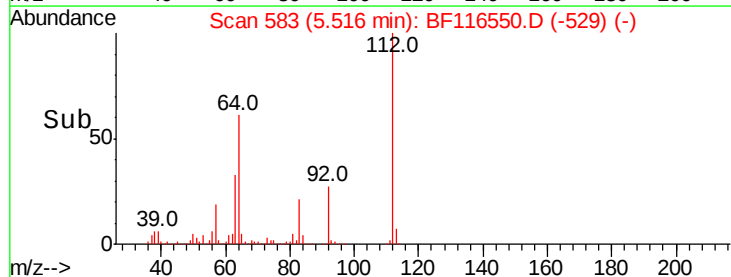
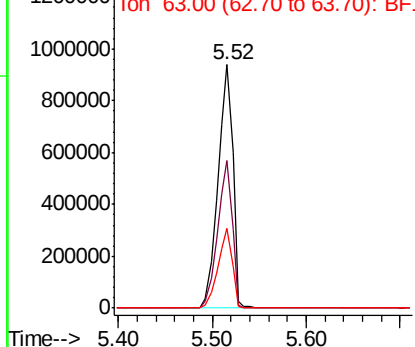
#5

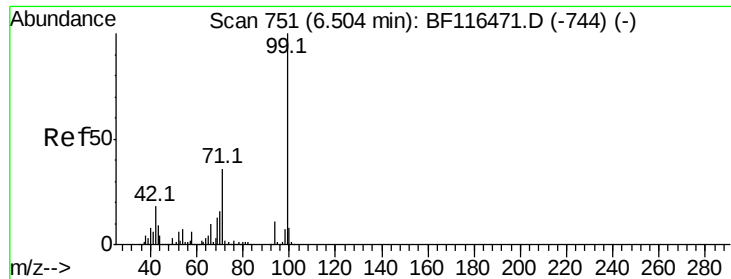
2-Fluorophenol
Concen: 107.930 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF116550.D
Acq: 26 Aug 2019 2:19

Tgt Ion:112 Resp: 1039450
Ion Ratio Lower Upper
112 100
64 60.6 46.3 69.5
63 32.6 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: 117.209 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF116550.D

Acq: 26 Aug 2019 2:19

Instrument :

BNA_F

ClientSampleId :

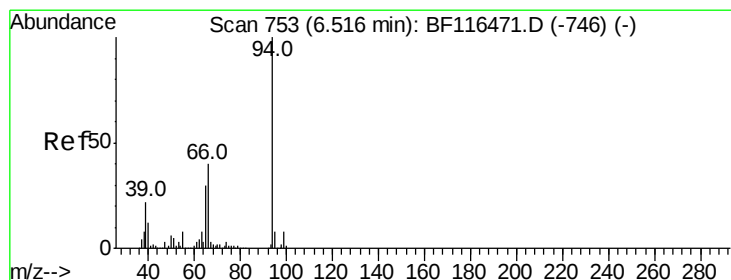
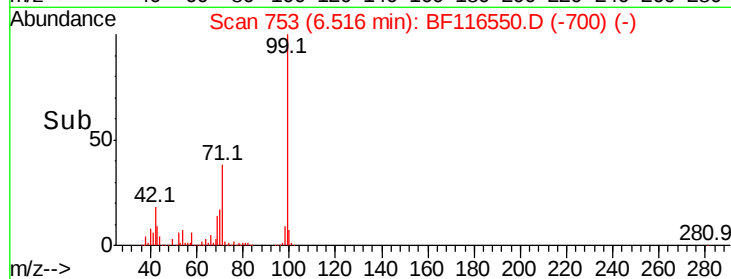
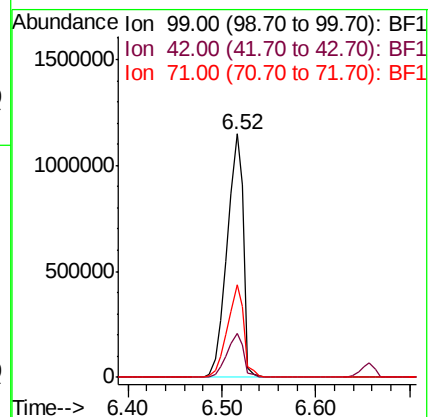
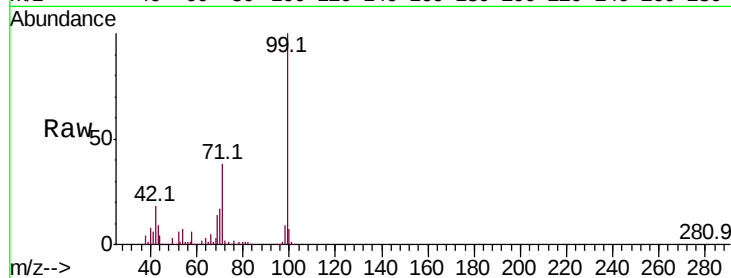
Tot Ion: 99 Resp: 1384095

Ion Ratio Lower Upper

99 100

42 18.3 14.6 21.8

71 37.9 28.5 42.7



#10

Phenol

Concen: 2.088 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF116550.D

Acq: 26 Aug 2019 2:19

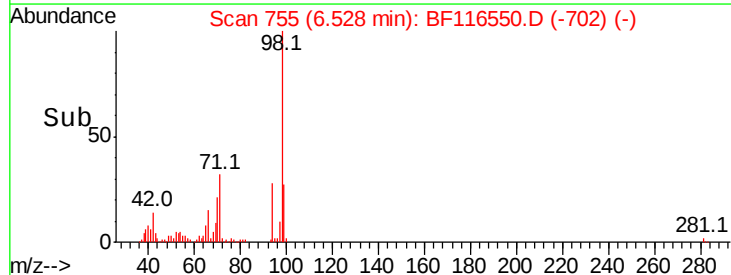
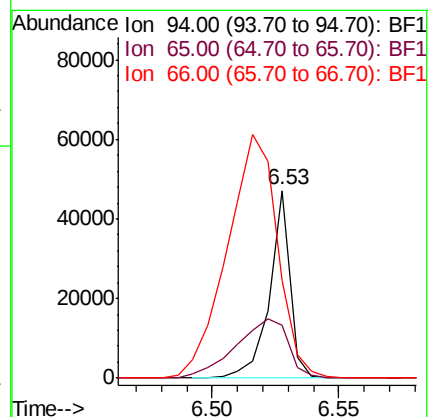
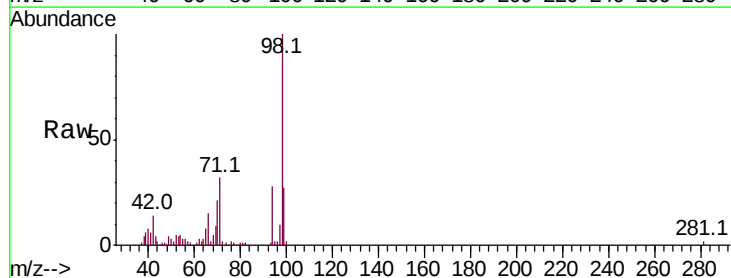
Tgt Ion: 94 Resp: 26775

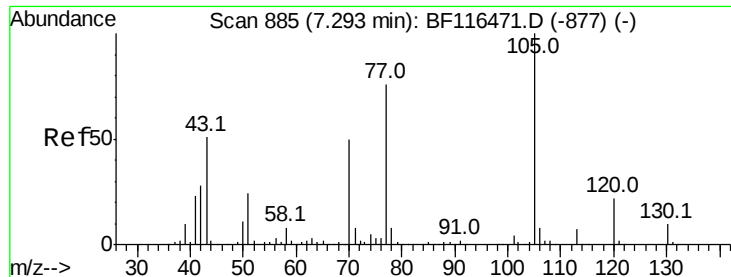
Ion Ratio Lower Upper

94 100

65 28.2 10.0 50.0

66 52.4 19.8 59.8

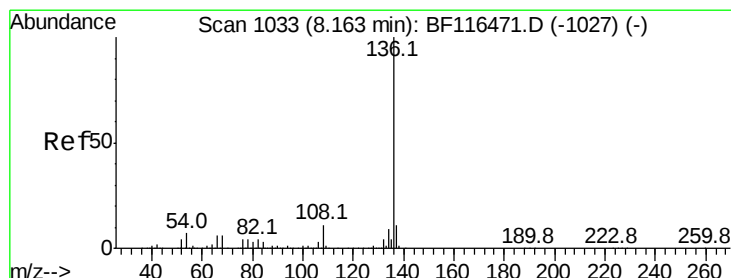
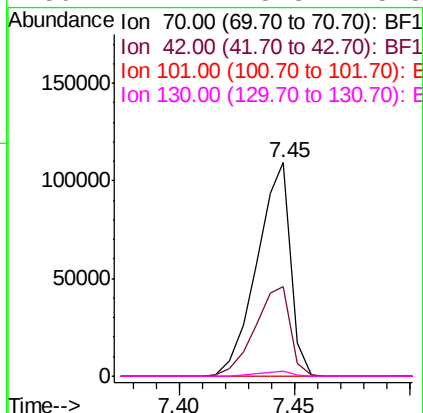
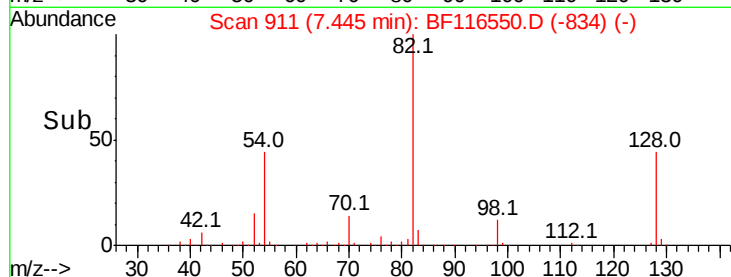
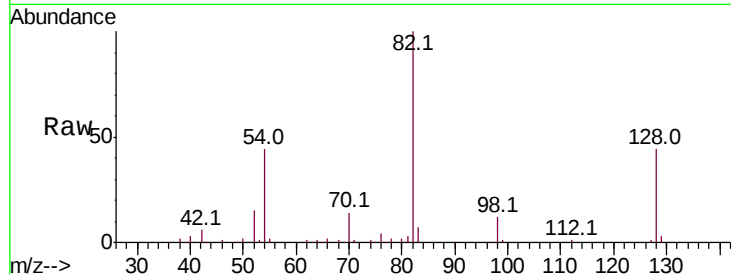




#19
n-Nitroso-di-n-propylamine
Concen: 13.674 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF116550.D
Acq: 26 Aug 2019 2:19

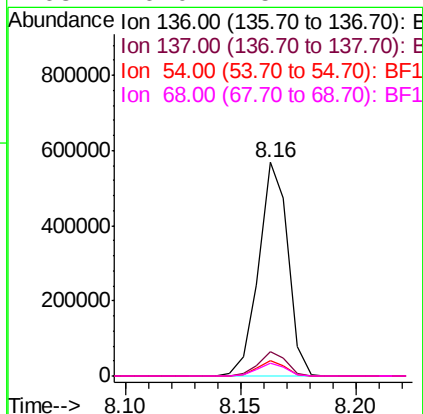
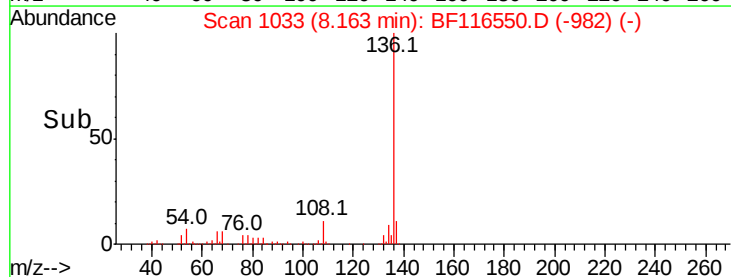
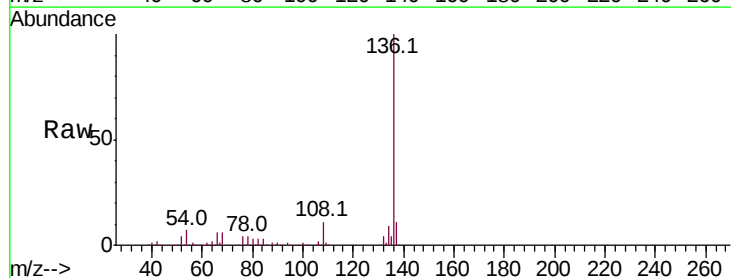
Instrument :
BNA_F
ClientSampleId :

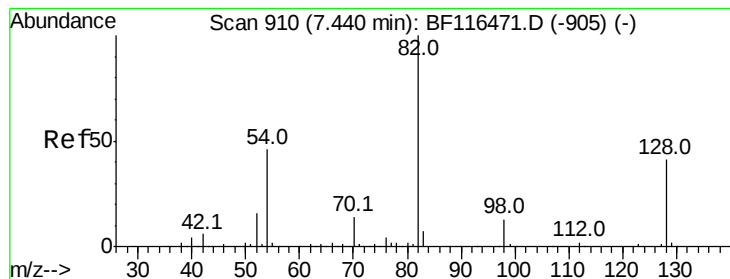
Tot Ion: 70 Resp: 110180
Ion Ratio Lower Upper
70 100
42 41.9 44.4 66.6#
101 0.0 7.1 10.7#
130 2.2 15.8 23.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF116550.D
Acq: 26 Aug 2019 2:19

Tgt Ion: 136 Resp: 504327
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 7.0 5.8 8.6
68 6.0 5.1 7.7





#23

Nitrobenzene-d5

Concen: 89.314 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.01 min

Lab File: BF116550.D

Acq: 26 Aug 2019 2:19

Instrument :
BNA_F
ClientSampled :

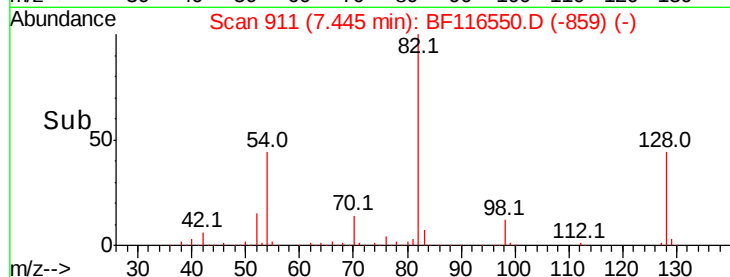
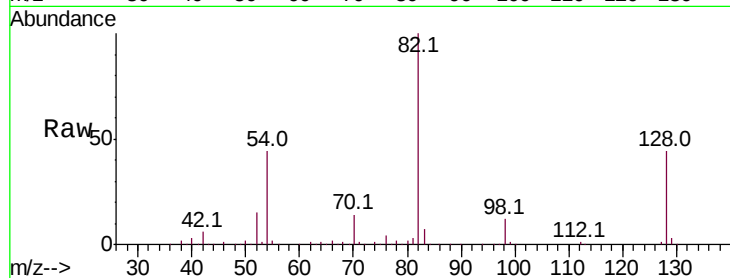
Tot Ion: 82 Resp: 823310

Ion Ratio Lower Upper

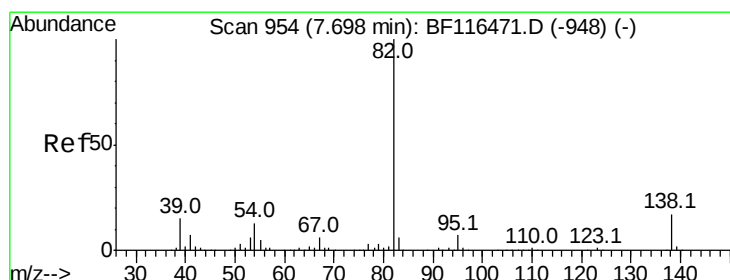
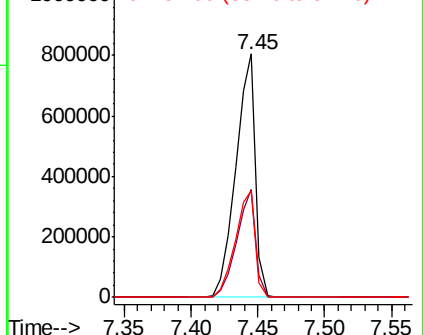
82 100

128 44.1 32.2 48.4

54 43.8 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: 45.200 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.25 min

Lab File: BF116550.D

Acq: 26 Aug 2019 2:19

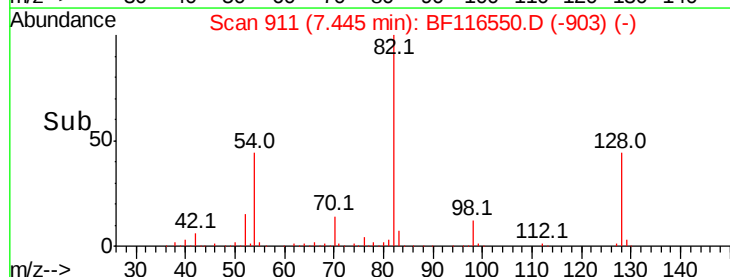
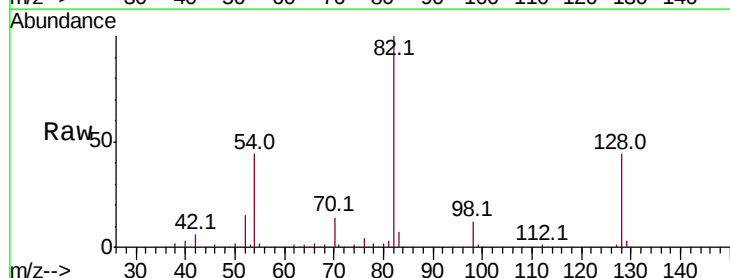
Tgt Ion: 82 Resp: 821096

Ion Ratio Lower Upper

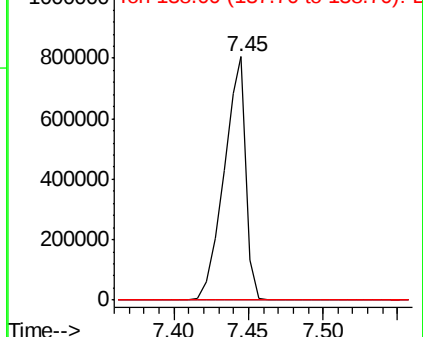
82 100

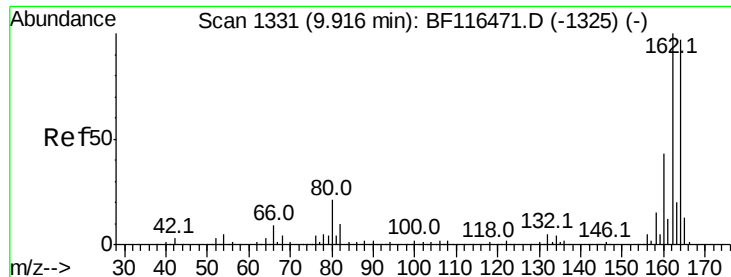
95 0.0 5.3 7.9#

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

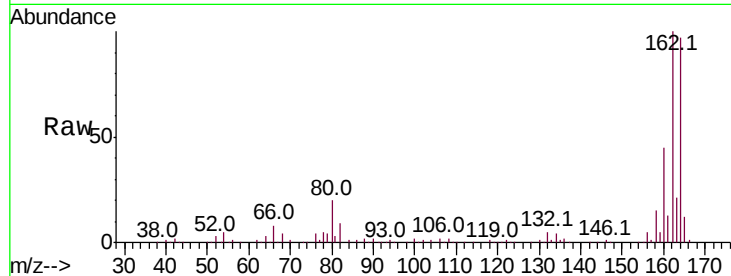




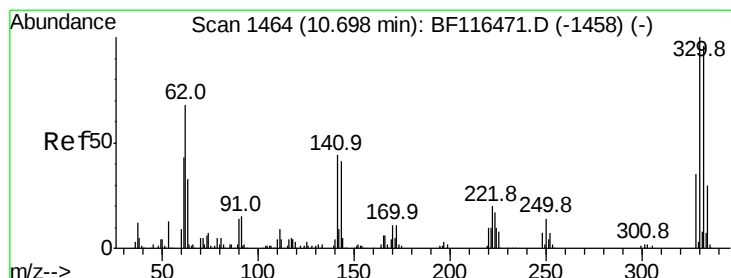
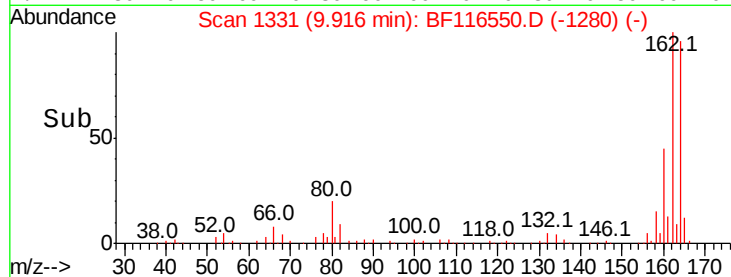
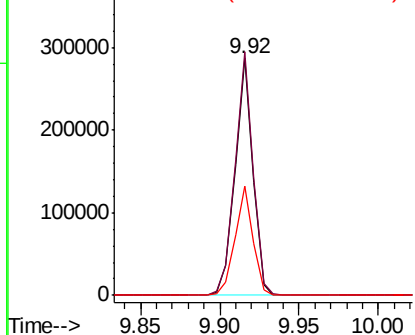
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF116550.D
Acq: 26 Aug 2019 2:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.6	123.8
160	46.2	35.8	53.8

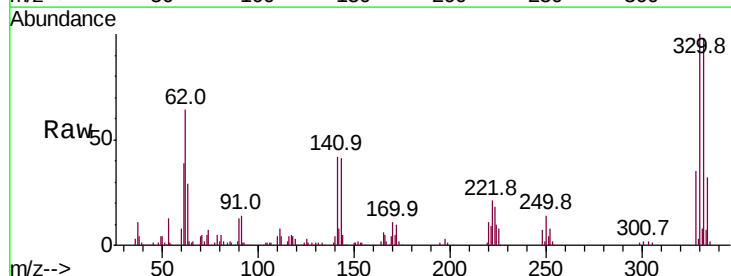


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

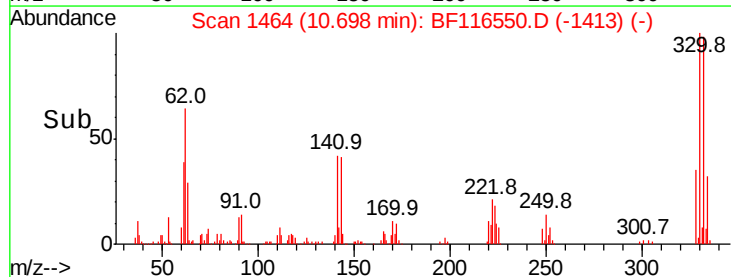
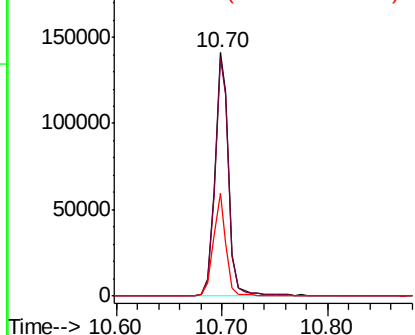


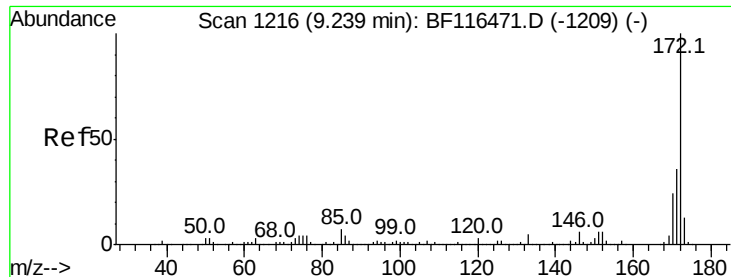
#42
2,4,6-Tribromophenol
Concen: 67.911 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BF116550.D
Acq: 26 Aug 2019 2:19

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.2	115.8
141	38.8	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



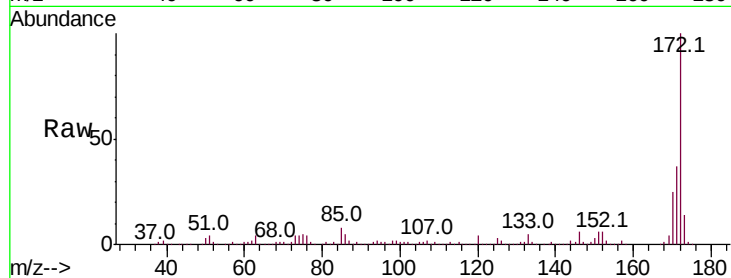


#45
 2-Fluorobiphenyl
 Concen: 104.132 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF116550.D
 Acq: 26 Aug 2019 2:19

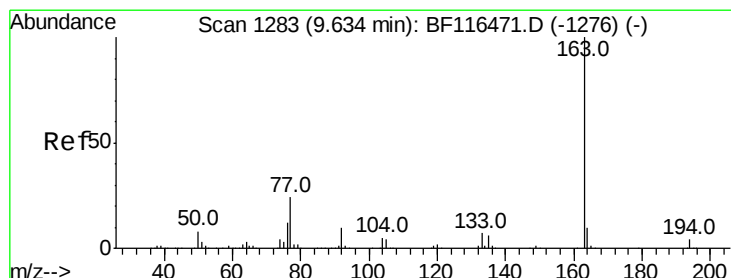
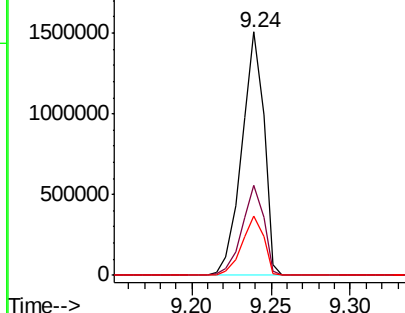
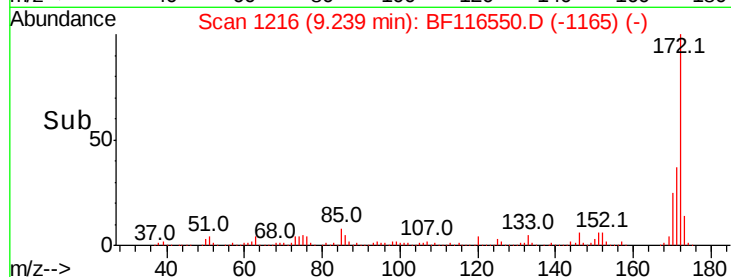
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1459202

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.9	43.3
170	24.5	19.4	29.0



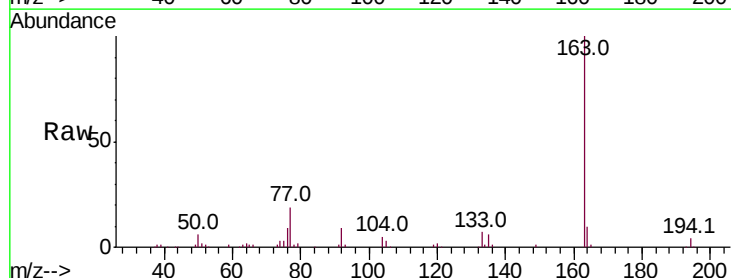
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



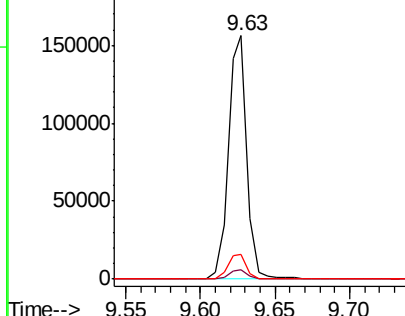
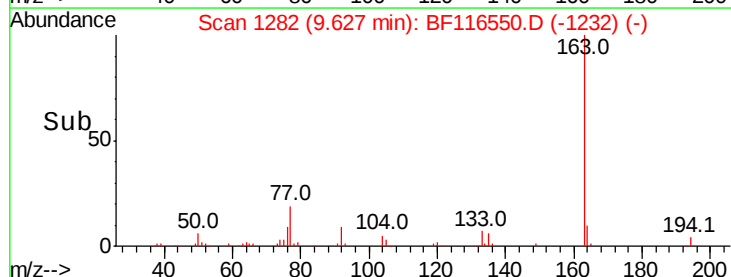
#50
 Dimethylphthalate
 Concen: 8.708 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BF116550.D
 Acq: 26 Aug 2019 2:19

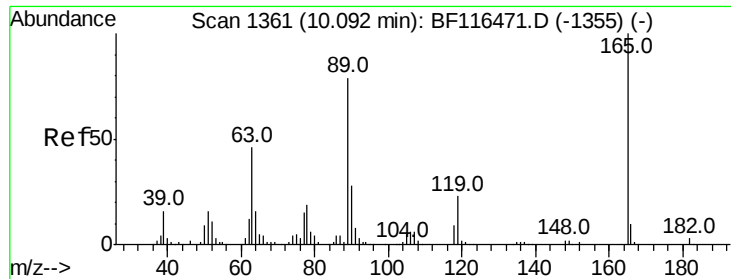
Tgt Ion:163 Resp: 137112

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.9	4.3
164	10.0	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

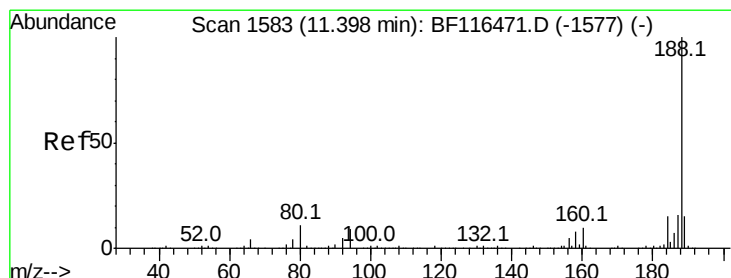
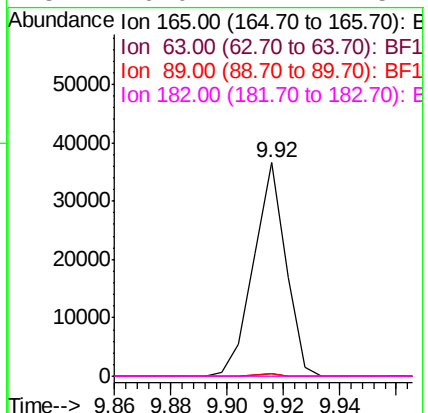
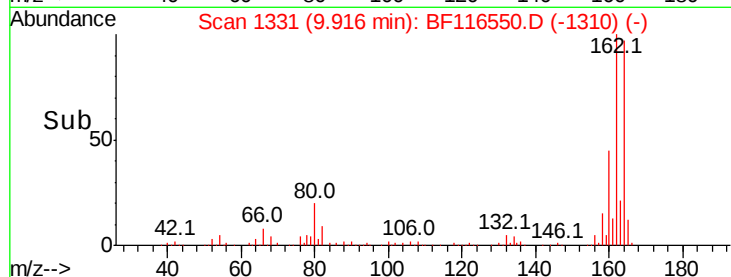
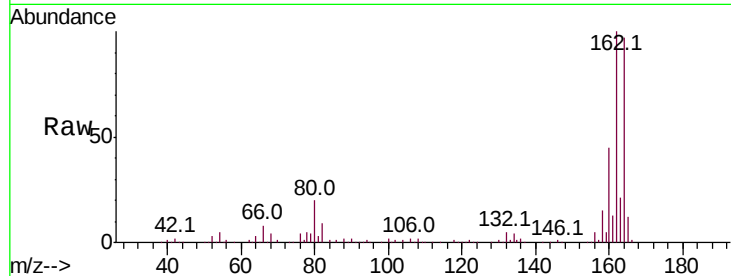




#57
 2,4-Dinitrotoluene
 Concen: 7.077 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.18 min
 Lab File: BF116550.D
 Acq: 26 Aug 2019 2:19

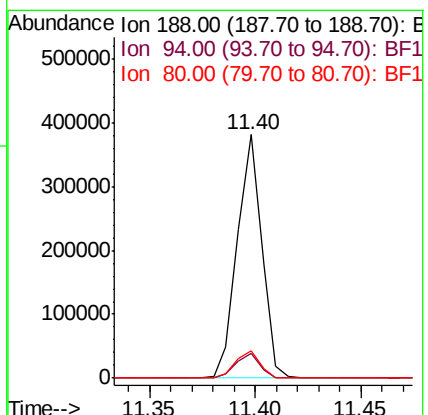
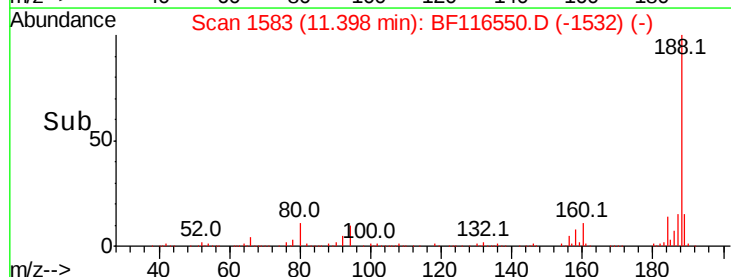
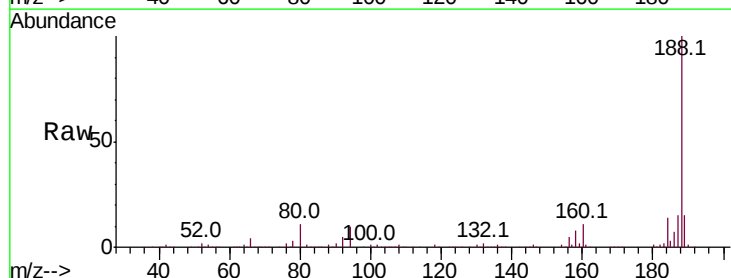
Instrument :
 BNA_F
 ClientSampleId :

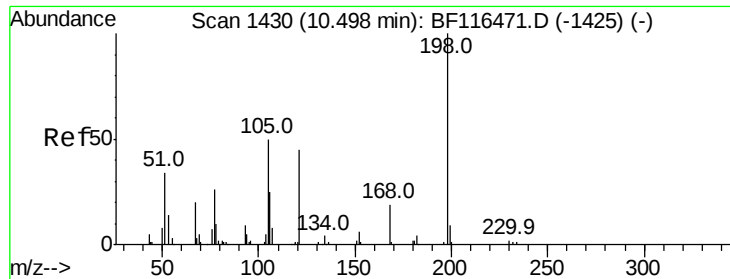
Tot Ion:165	Resp: 29023
Ion Ratio	Lower Upper
165 100	
63 1.4	36.9 55.3#
89 1.2	63.4 95.0#
182 0.0	2.1 3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BF116550.D
 Acq: 26 Aug 2019 2:19

Tgt	Ion:188	Resp:	306767
Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.4	11.2
80	11.0	8.6	12.8





#65

4,6-Dinitro-2-methylphenol

Concen: 7.094 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.20 min

Lab File: BF116550.D

Acq: 26 Aug 2019 2:19

Instrument :

BNA_F

ClientSampleId :

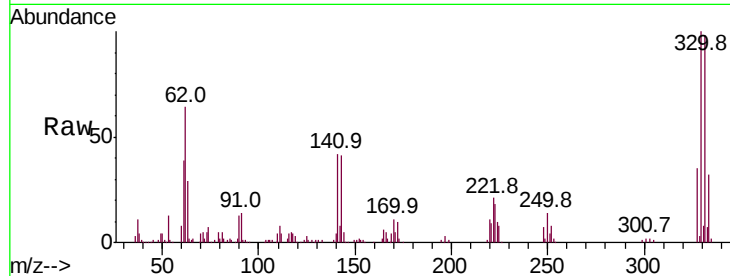
Tot Ion:198 Resp: 131

Ion Ratio Lower Upper

198 100

51 246.1 30.4 70.4#

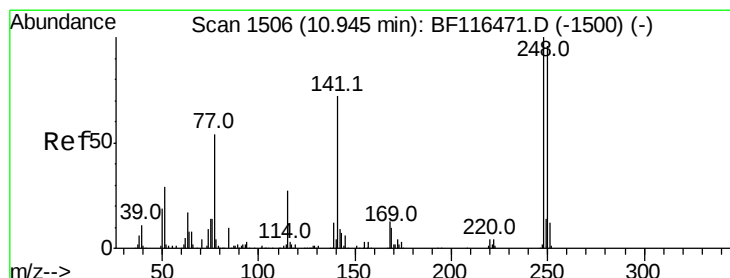
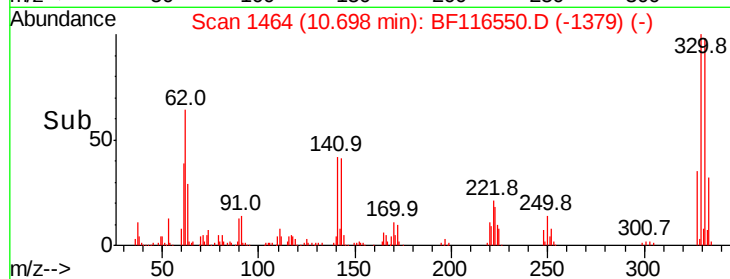
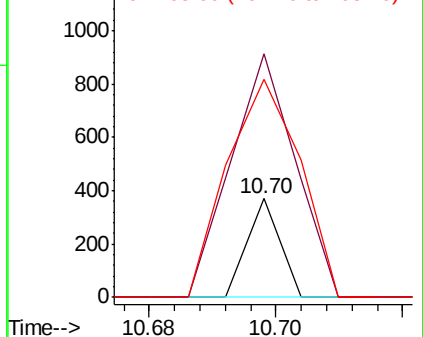
105 220.2 32.8 72.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 2.709 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.25 min

Lab File: BF116550.D

Acq: 26 Aug 2019 2:19

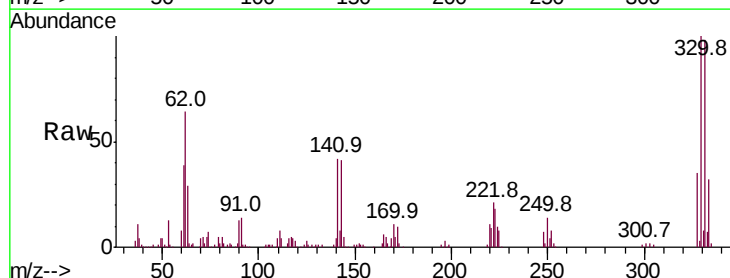
Tgt Ion:248 Resp: 8713

Ion Ratio Lower Upper

248 100

250 194.5 77.0 115.6#

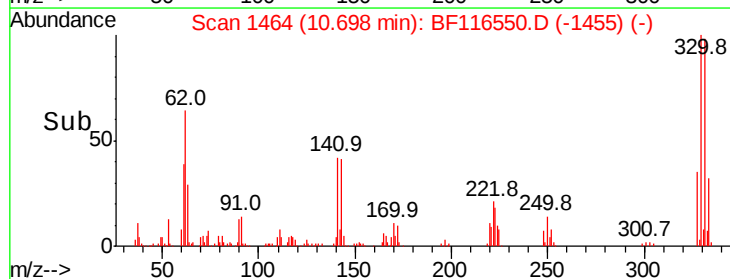
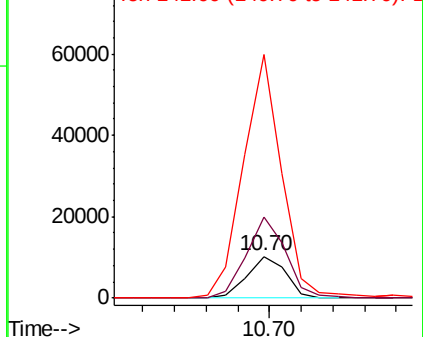
141 580.8 57.4 86.0#

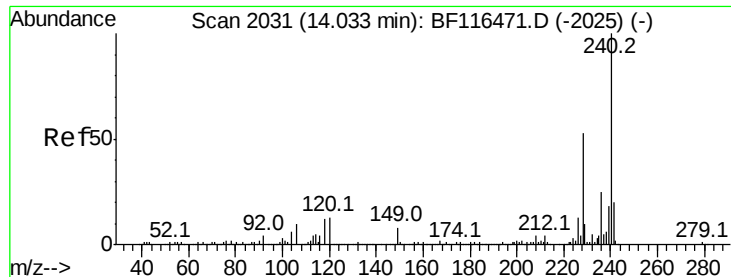


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF116550.D

Acq: 26 Aug 2019 2:19

Instrument :

BNA_F

ClientSampleId :

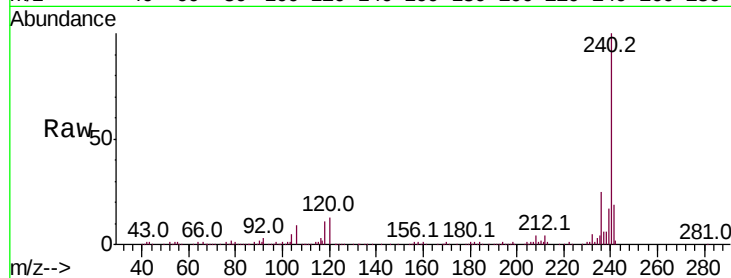
Tot Ion:240 Resp: 213148

Ion Ratio Lower Upper

240 100

120 12.9 10.5 15.7

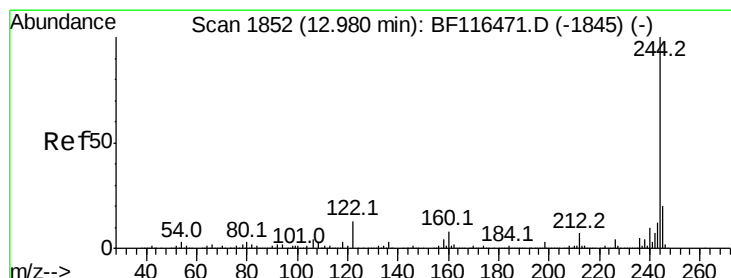
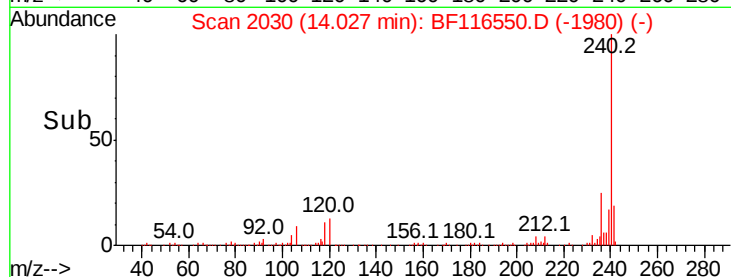
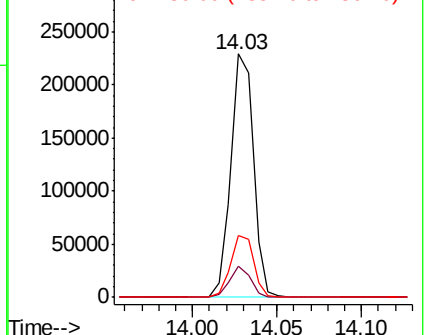
236 25.3 20.2 30.2



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: 89.596 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BF116550.D

Acq: 26 Aug 2019 2:19

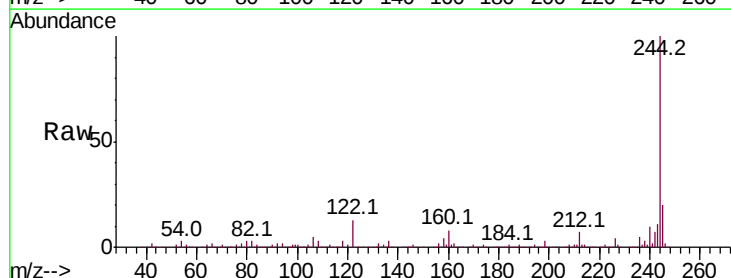
Tgt Ion:244 Resp: 1022388

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

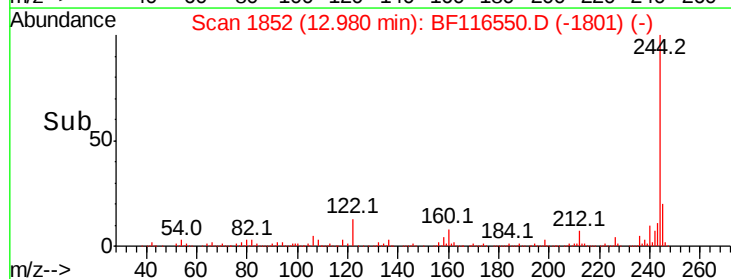
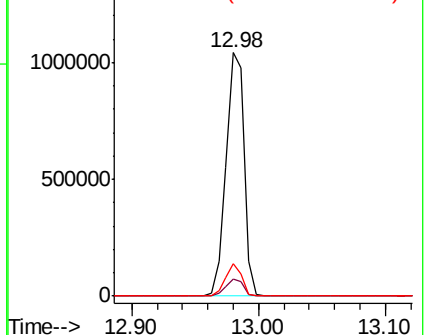
122 13.4 10.2 15.4

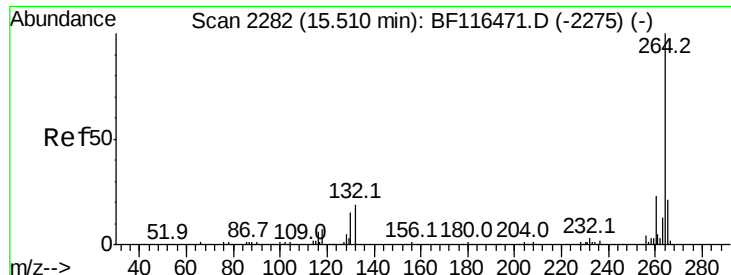


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

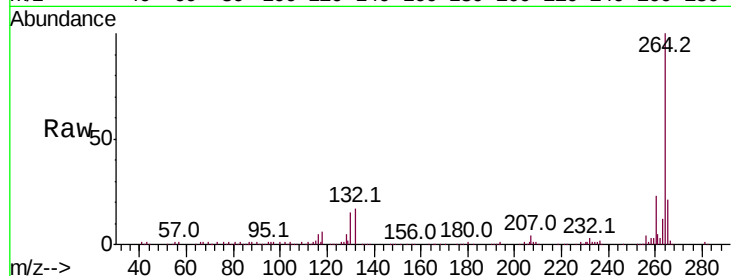




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF116550.D
 Acq: 26 Aug 2019 2:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.8	28.2
265	21.4	17.1	25.7



Abundance Ion 264.00 (263.70 to 264.70): E
 200000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

