

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
 Data File : BF116032.D
 Acq On : 6 Aug 2019 23:49
 Operator : HP/JU
 Sample : K4124-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 07 01:20:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

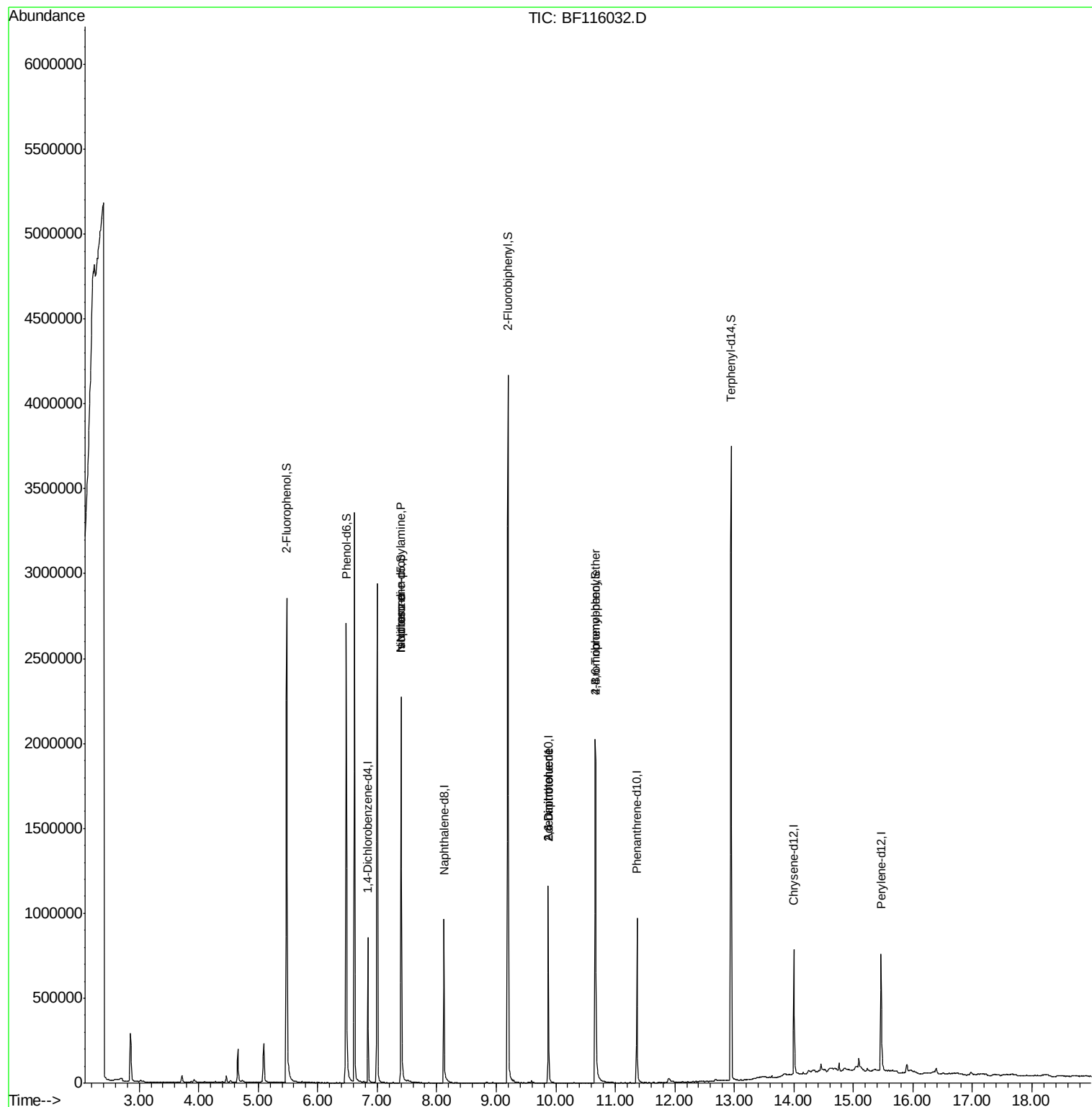
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	124715	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	473824	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	243109	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	394430	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	279500	20.00	ng	-0.02
87) Perylene-d12	15.46	264	345488	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	882750	118.49	ng	0.01
7) Phenol-d6	6.48	99	1013896	107.87	ng	0.00
23) Nitrobenzene-d5	7.40	82	797026	97.10	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	315991	134.06	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1386803	106.85	ng	-0.02
79) Terphenyl-d14	12.95	244	1299963	98.00	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	106376	18.263	ng	# 78
25) Isophorone	7.40	82	797018	50.778	ng	# 66
51) 2,6-Dinitrotoluene	9.87	165	31170	8.665	ng	# 28
57) 2,4-Dinitrotoluene	9.87	165	31170	6.508	ng	# 25
67) 4-Bromophenyl-phenylether	10.66	248	19317	4.575	ng	# 1

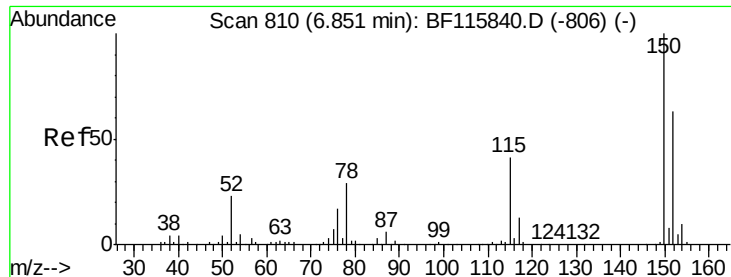
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116032.D
Acq On : 6 Aug 2019 23:49
Operator : HP/JU
Sample : K4124-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 07 01:20:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration



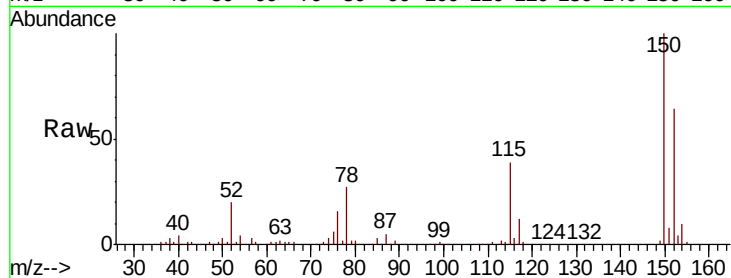


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116032.D
Acq: 6 Aug 2019 23:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	127.4	191.0
115	60.3	51.8	77.8

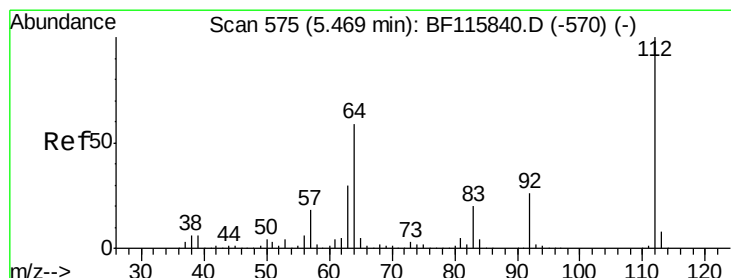
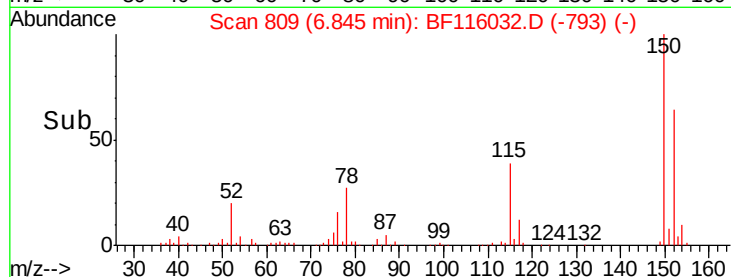
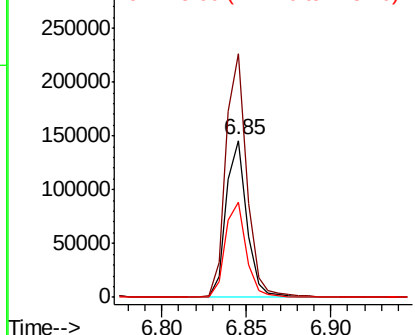


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

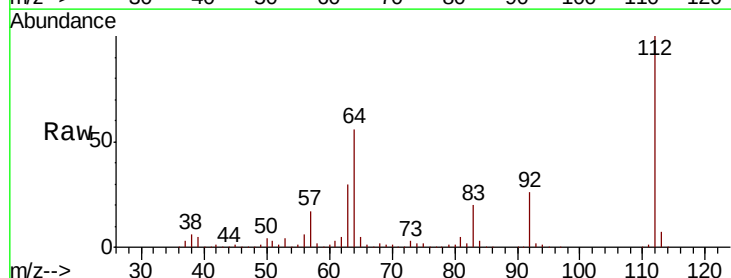
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 118.492 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF116032.D
Acq: 6 Aug 2019 23:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	46.8	70.2
63	29.6	24.2	36.2

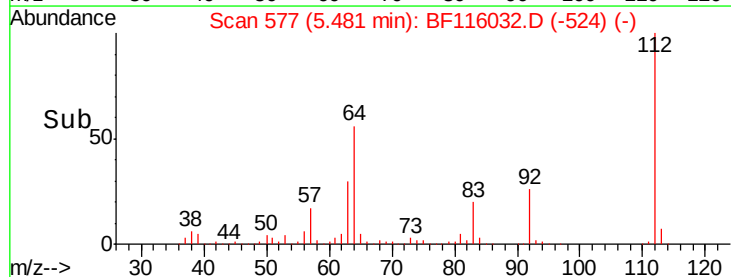
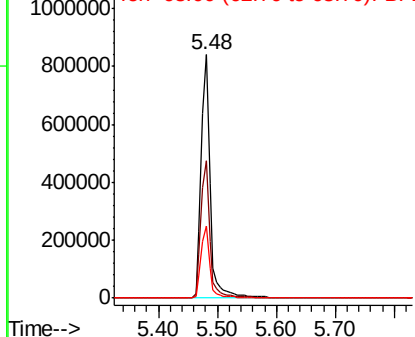


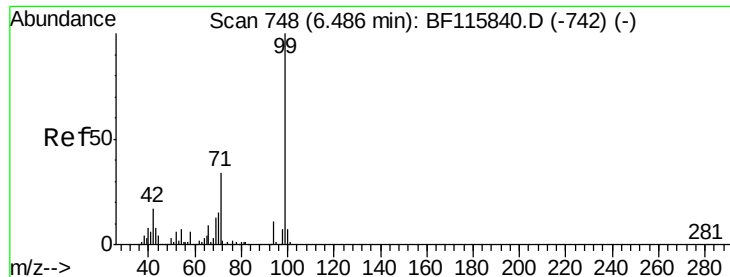
Abundance

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: 107.869 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116032.D

Acq: 6 Aug 2019 23:49

Instrument :

BNA_F

ClientSampled :

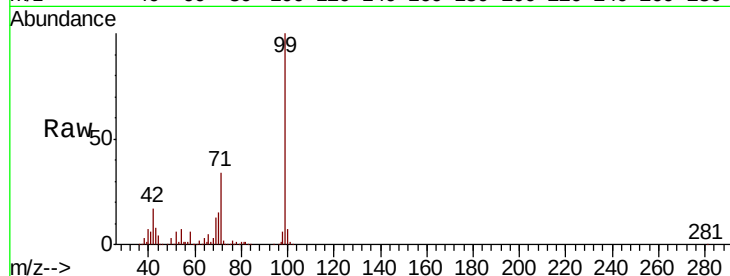
Tot Ion: 99 Resp: 1013896

Ion Ratio Lower Upper

99 100

42 17.0 13.8 20.6

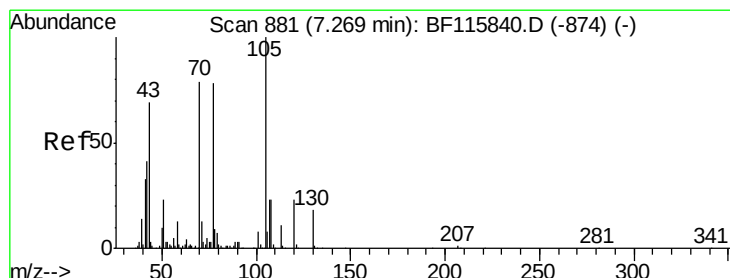
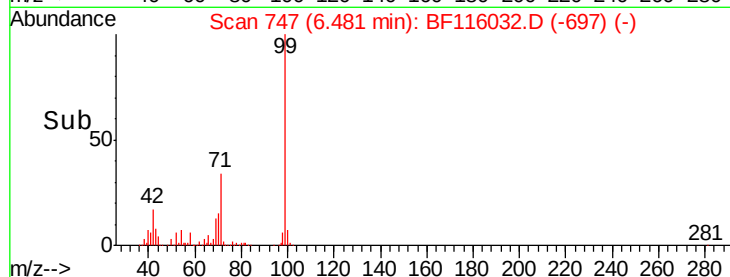
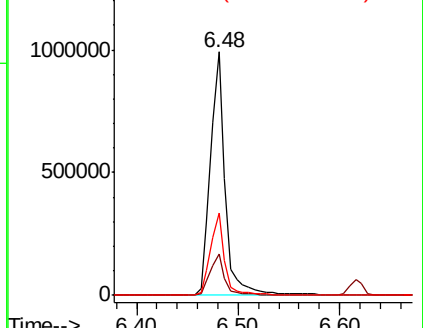
71 33.9 27.1 40.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 18.263 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF116032.D

Acq: 6 Aug 2019 23:49

Tgt Ion: 70 Resp: 106376

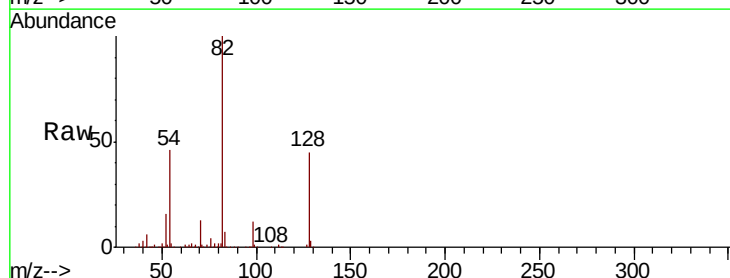
Ion Ratio Lower Upper

70 100

42 42.8 41.8 62.8

101 0.0 7.7 11.5#

130 2.2 17.8 26.6#

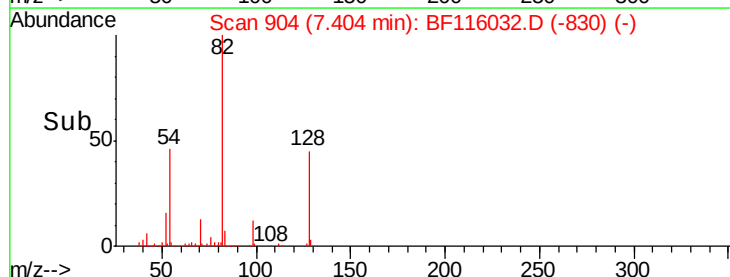
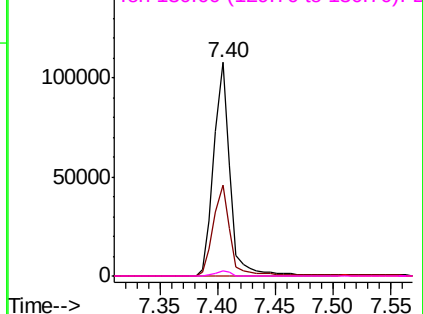


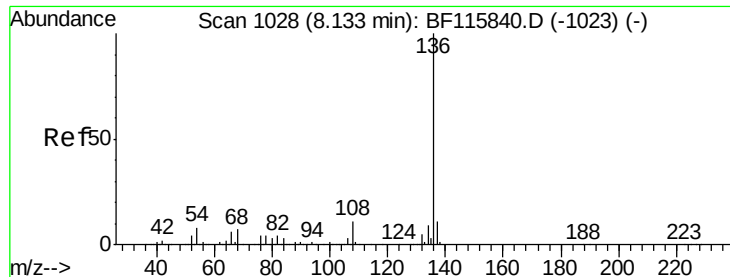
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

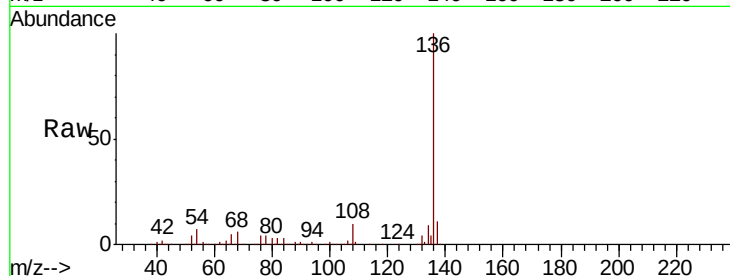




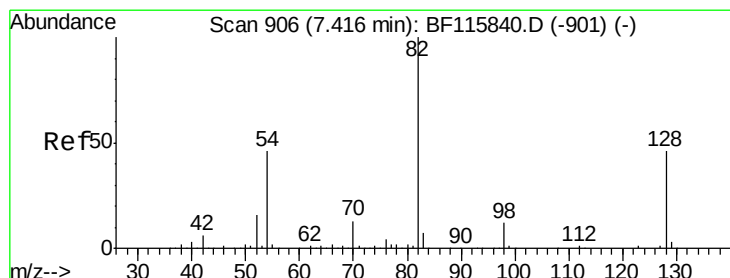
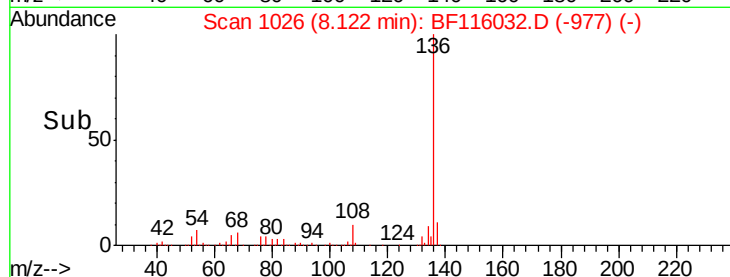
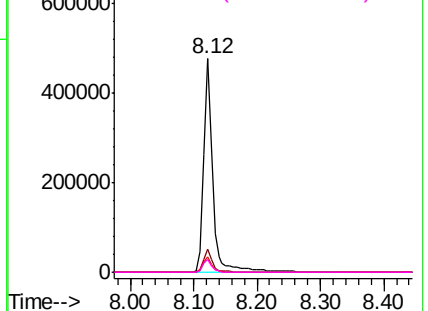
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF116032.D
Acq: 6 Aug 2019 23:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	473824	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	9.1	13.7	
54 7.0	6.1	9.1	
68 6.3	5.4	8.2	

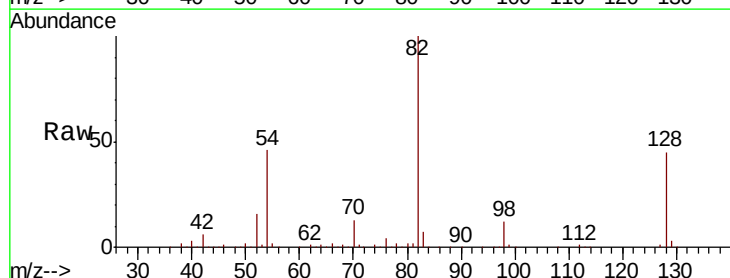


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

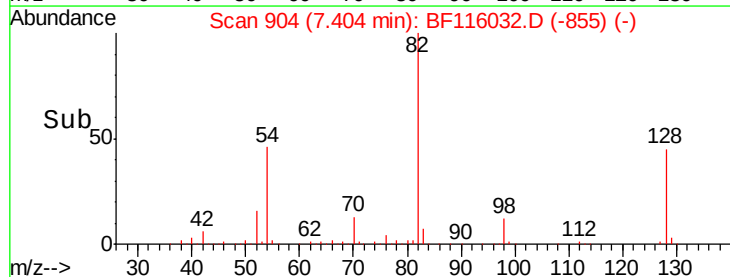
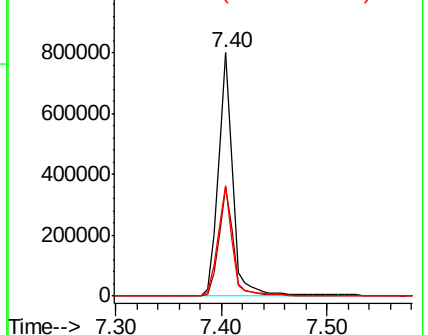


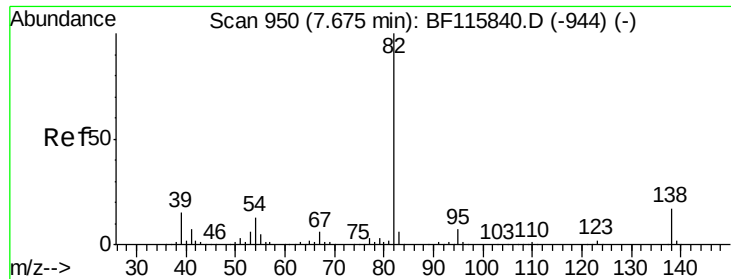
#23
Nitrobenzene-d5
Concen: 97.097 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116032.D
Acq: 6 Aug 2019 23:49

Tgt	Ion: 82	Resp:	797026
Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.6	55.0
54	45.6	36.6	55.0



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: 50.778 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.27 min

Lab File: BF116032.D

Acq: 6 Aug 2019 23:49

Instrument :

BNA_F

ClientSampled :

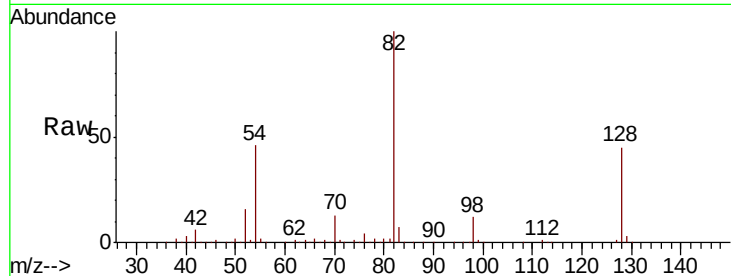
Tot Ion: 82 Resp: 797018

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

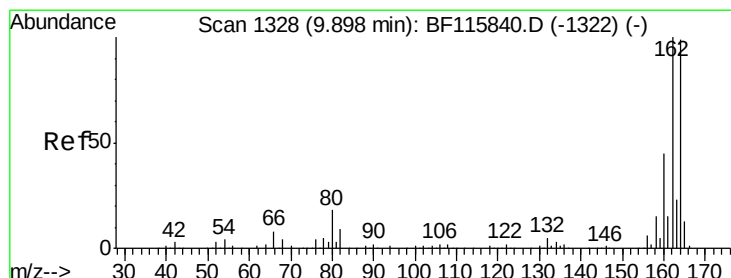
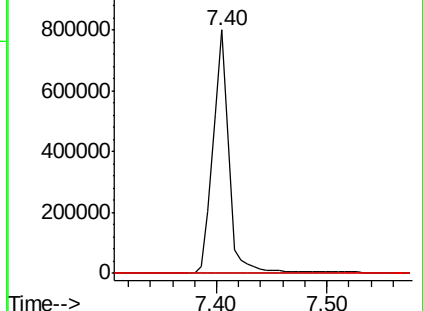
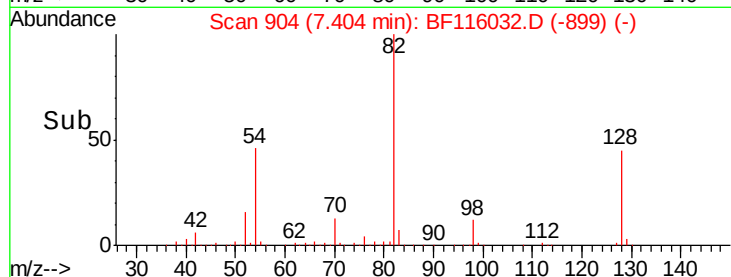
138 0.0 13.9 20.9#



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: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF116032.D

Acq: 6 Aug 2019 23:49

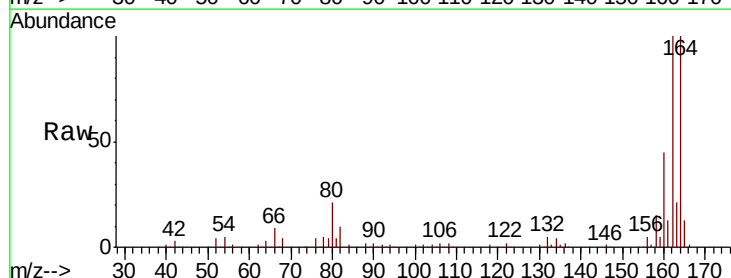
Tgt Ion: 164 Resp: 243109

Ion Ratio Lower Upper

164 100

162 100.0 80.8 121.2

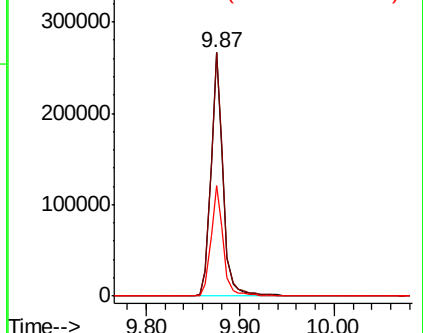
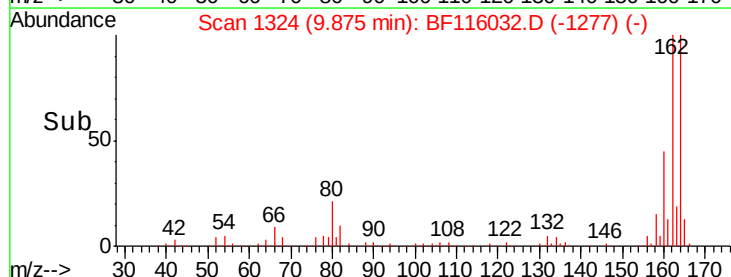
160 45.4 36.2 54.4

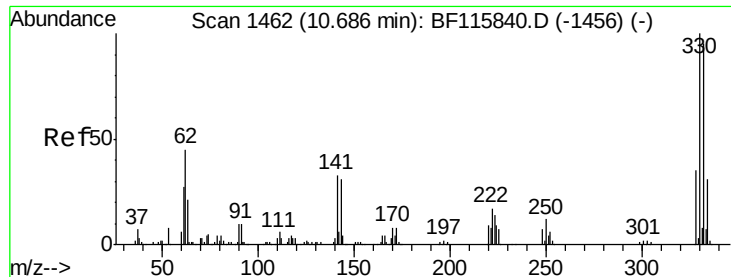


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 134.064 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BF116032.D

Acq: 6 Aug 2019 23:49

Instrument :

BNA_F

ClientSampleId :

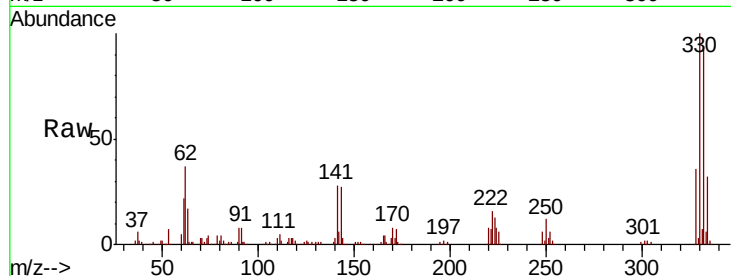
Tot Ion:330 Resp: 315991

Ion Ratio Lower Upper

330 100

332 93.9 77.7 116.5

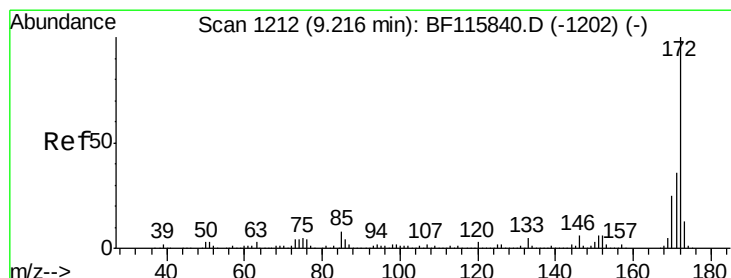
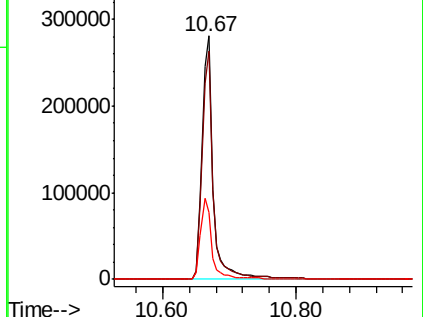
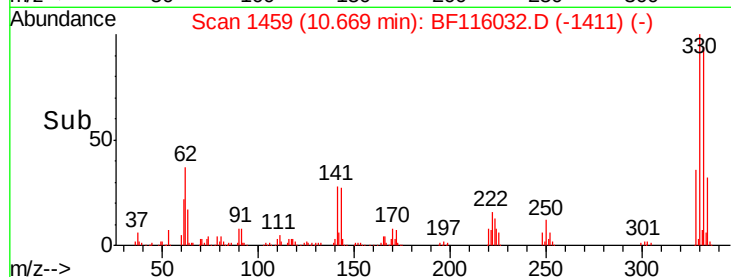
141 34.3 28.1 42.1



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: 106.849 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.02 min

Lab File: BF116032.D

Acq: 6 Aug 2019 23:49

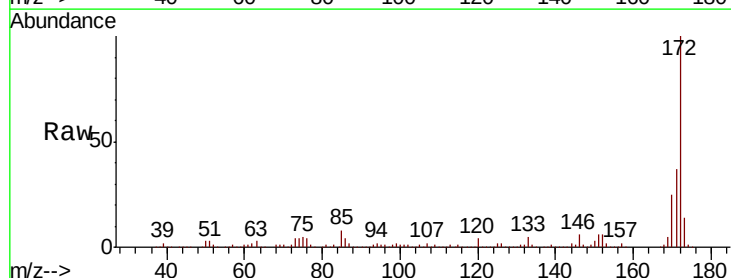
Tgt Ion:172 Resp: 1386803

Ion Ratio Lower Upper

172 100

171 36.7 29.1 43.7

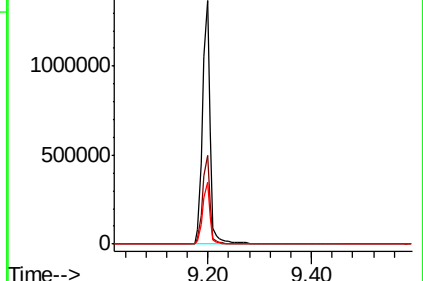
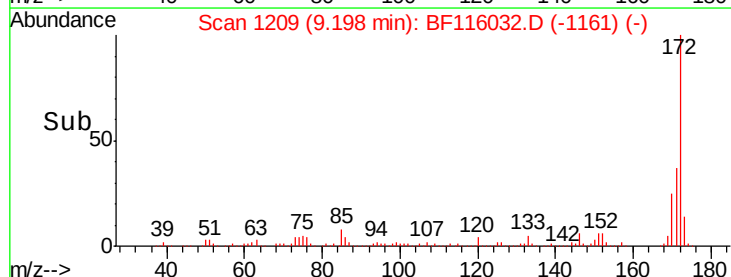
170 25.3 20.1 30.1

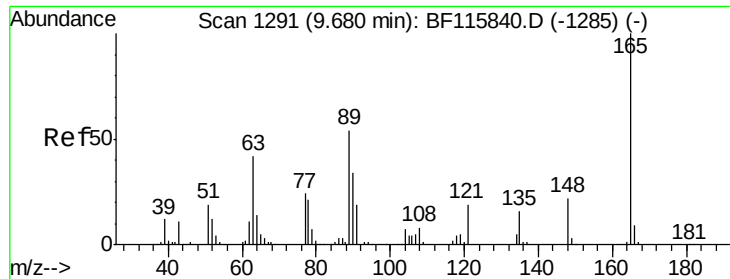


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

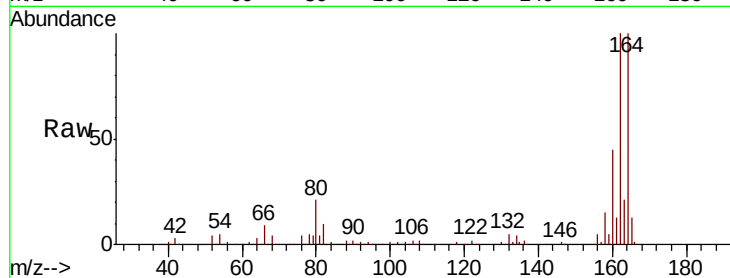




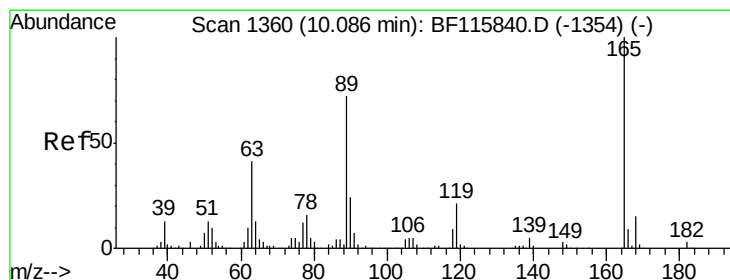
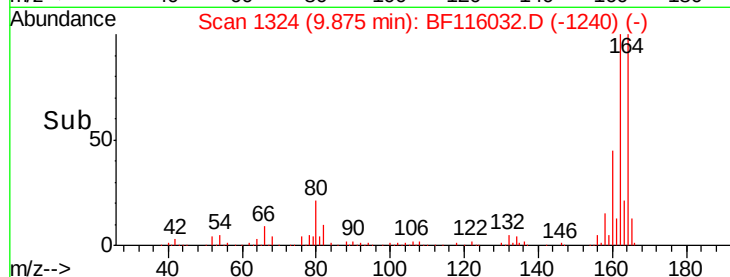
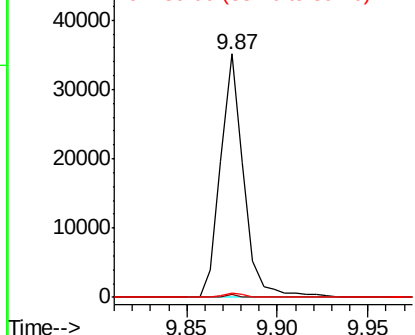
#51
 2,6-Dinitrotoluene
 Concen: 8.665 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.19 min
 Lab File: BF116032.D
 Acq: 6 Aug 2019 23:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	39.4	59.2#
89	1.6	43.0	64.6#

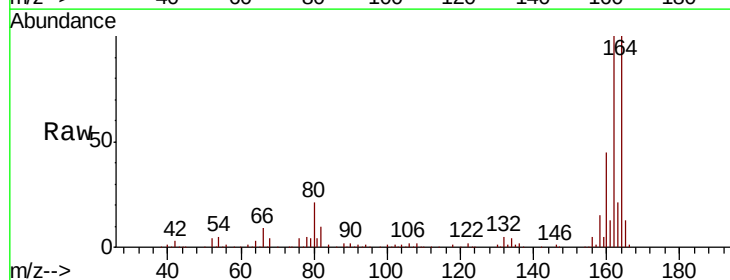


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

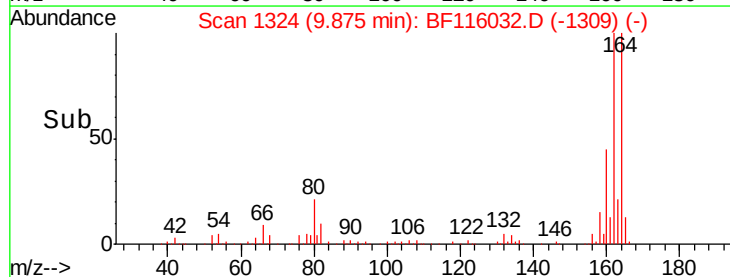
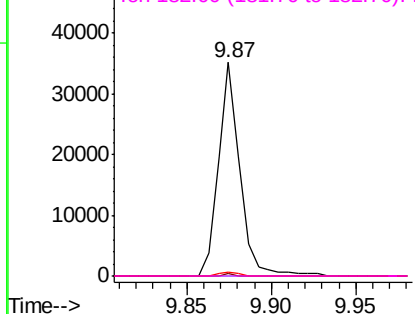


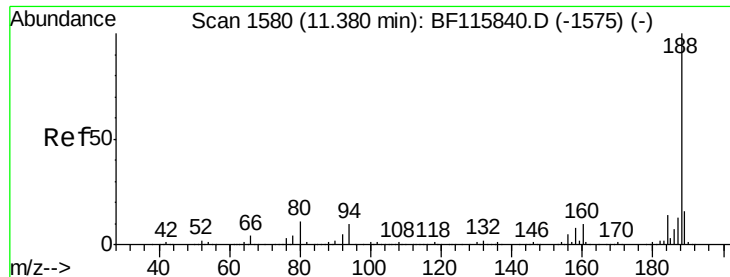
#57
 2,4-Dinitrotoluene
 Concen: 6.508 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.21 min
 Lab File: BF116032.D
 Acq: 6 Aug 2019 23:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	33.2	49.8#
89	1.6	57.3	85.9#
182	0.0	2.1	3.1#



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

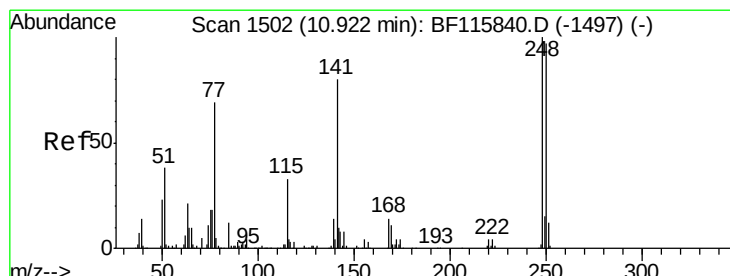
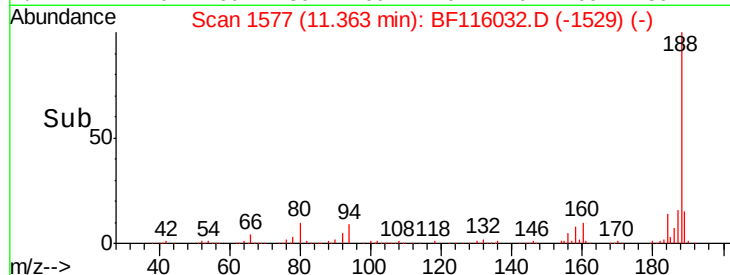
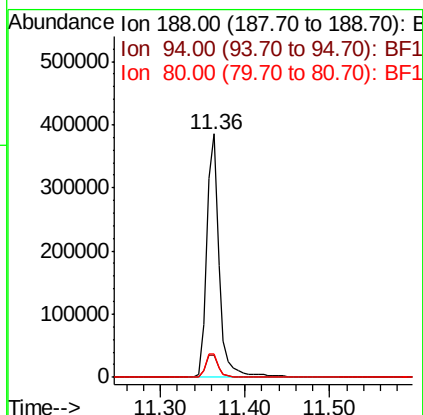
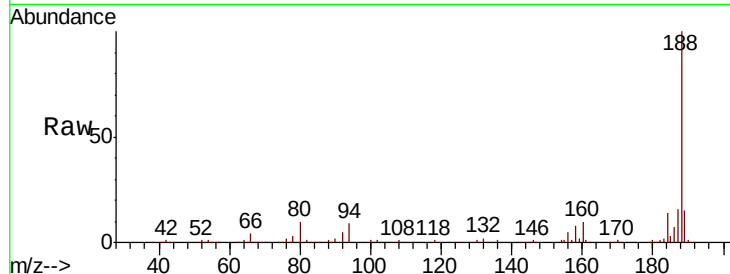




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF116032.D
Acq: 6 Aug 2019 23:49

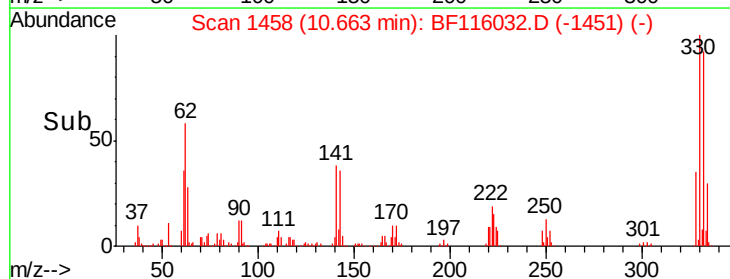
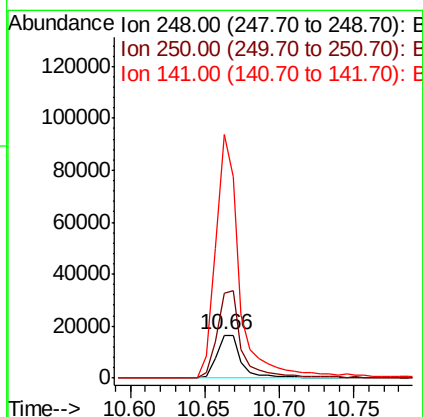
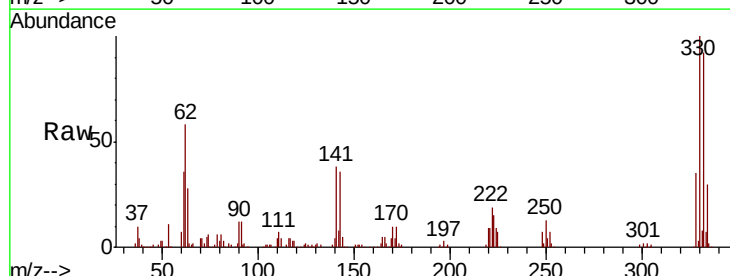
Instrument :
BNA_F
ClientSampleId :

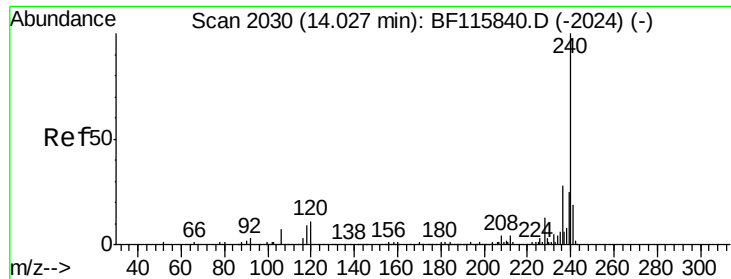
Tot Ion:188 Resp: 394430
Ion Ratio Lower Upper
188 100
94 9.2 8.0 12.0
80 9.8 8.6 12.8



#67
4-Bromophenyl-phenylether
Concen: 4.575 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.26 min
Lab File: BF116032.D
Acq: 6 Aug 2019 23:49

Tgt Ion:248 Resp: 19317
Ion Ratio Lower Upper
248 100
250 197.2 77.8 116.6#
141 564.5 64.3 96.5#

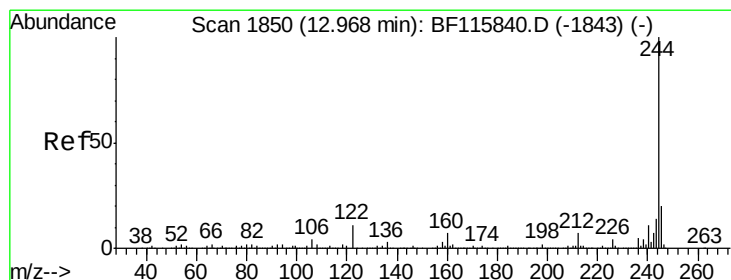
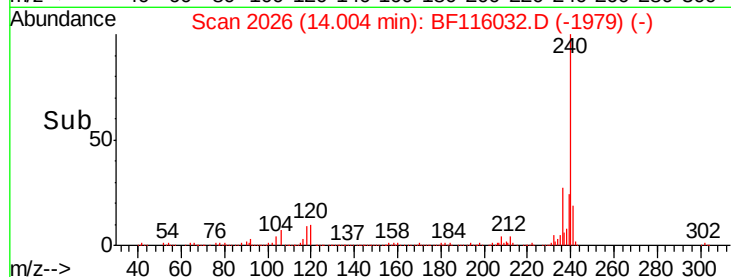
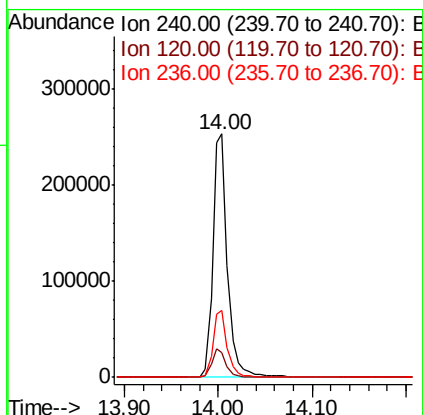
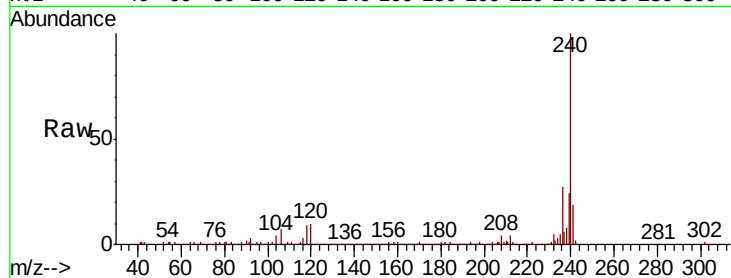




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BF116032.D
 Acq: 6 Aug 2019 23:49

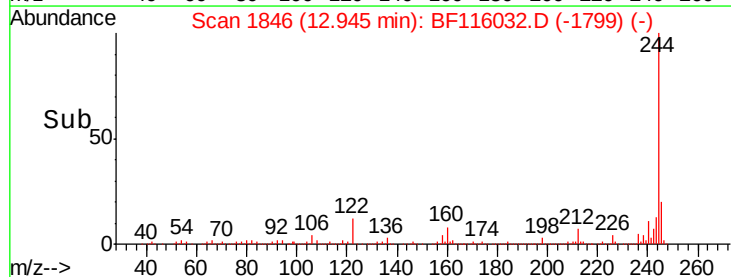
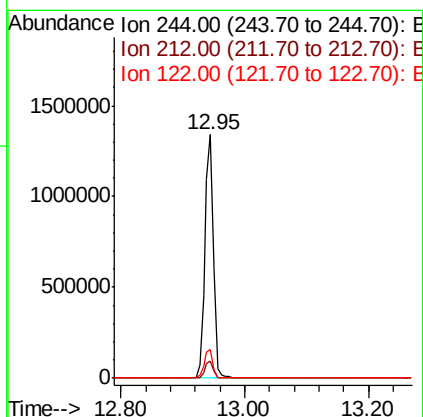
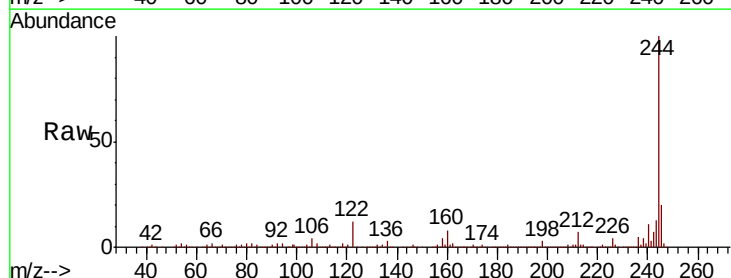
Instrument :
 BNA_F
 ClientSampleId :

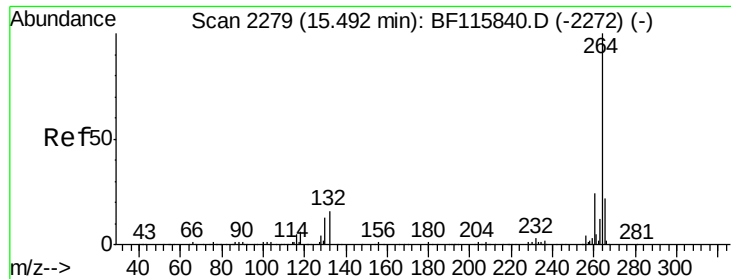
Tot Ion:240 Resp: 279500
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.5 12.7
 236 27.4 22.2 33.2



#79
 Terphenyl-d14
 Concen: 98.005 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. -0.02 min
 Lab File: BF116032.D
 Acq: 6 Aug 2019 23:49

Tgt Ion:244 Resp: 1299963
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 11.7 8.6 13.0





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.03 min
Lab File: BF116032.D
Acq: 6 Aug 2019 23:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	22.7	17.5	26.3

