

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
 Data File : BF116007.D
 Acq On : 6 Aug 2019 12:29
 Operator : HP/JU
 Sample : PB121978TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 07 01:12:15 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

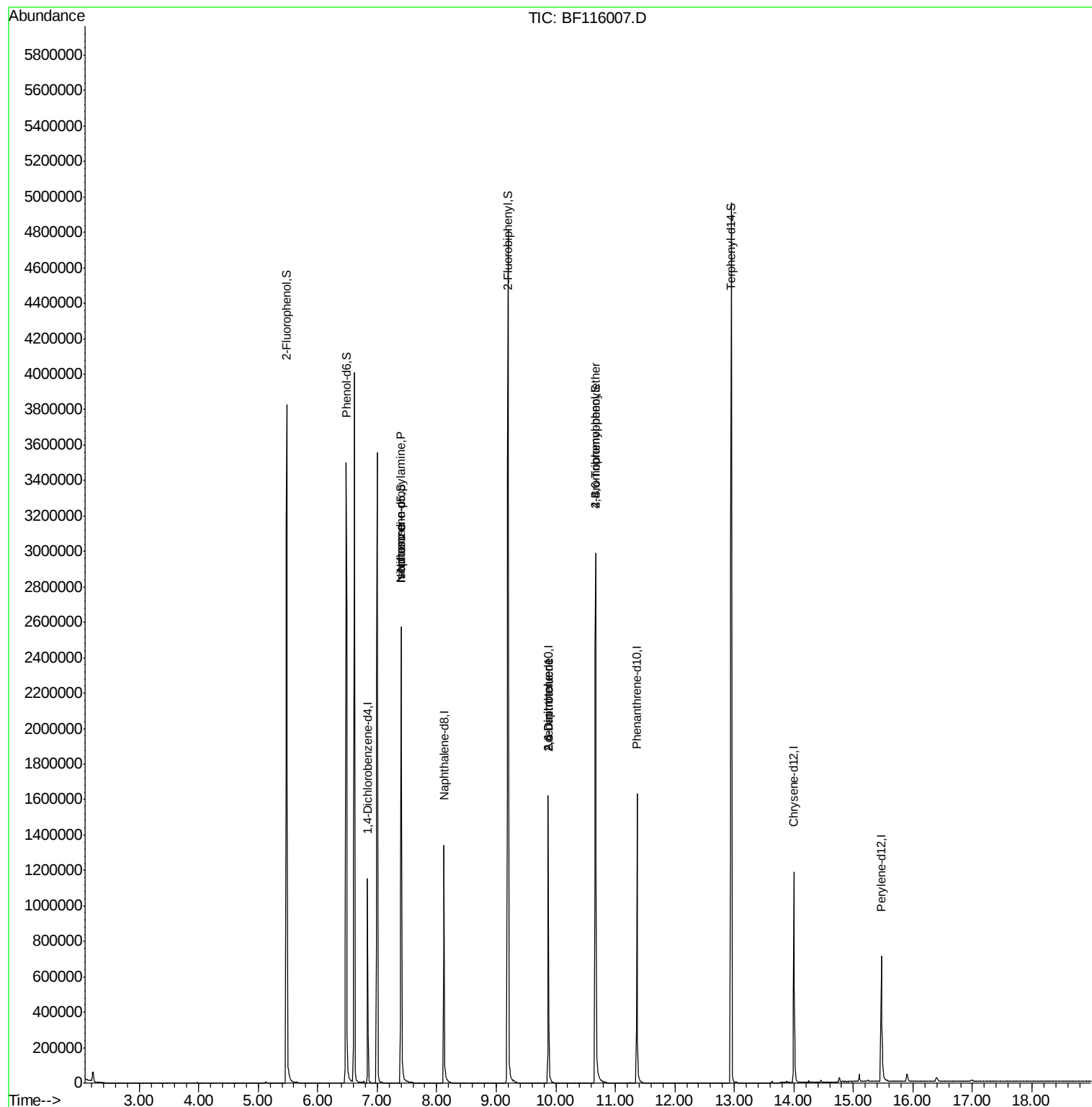
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	174033	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	675046	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	361885	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	645609	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	469265	20.00	ng	-0.02
87) Perylene-d12	15.47	264	422333	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1203214	115.74	ng	0.01
7) Phenol-d6	6.48	99	1598566	121.88	ng	0.00
23) Nitrobenzene-d5	7.40	82	1066383	91.19	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	448689	127.88	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1809510	93.66	ng	-0.02
79) Terphenyl-d14	12.95	244	2015320	90.49	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	141920	17.461	ng	# 77
25) Isophorone	7.40	82	1066378	47.688	ng	# 66
51) 2,6-Dinitrotoluene	9.87	165	46061	8.602	ng	# 28
57) 2,4-Dinitrotoluene	9.87	165	46177	6.477	ng	# 24
67) 4-Bromophenyl-phenylether	10.67	248	27008	3.908	ng	# 1

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

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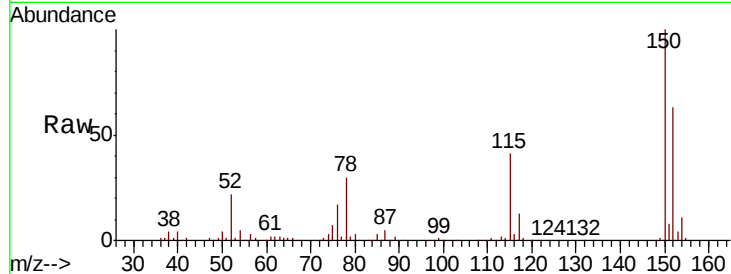


#1

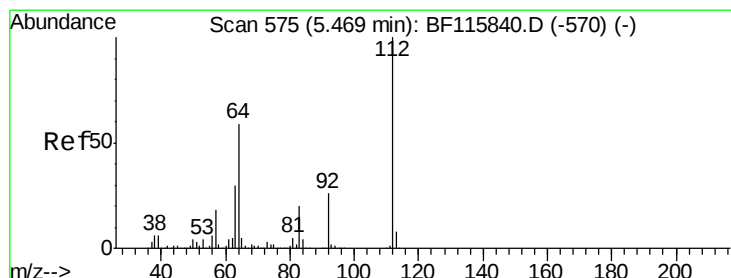
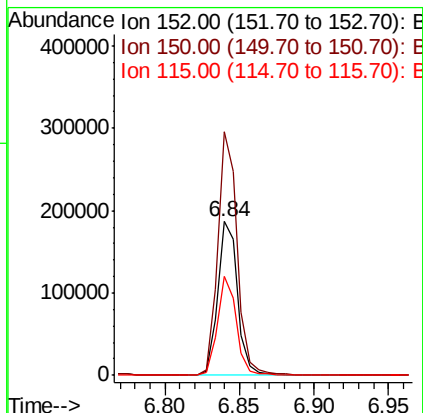
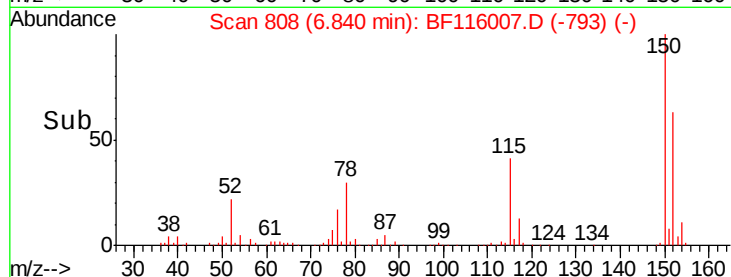
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116007.D
Acq: 6 Aug 2019 12:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 174033
Ion Ratio Lower Upper
152 100
150 158.3 127.4 191.0
115 64.4 51.8 77.8



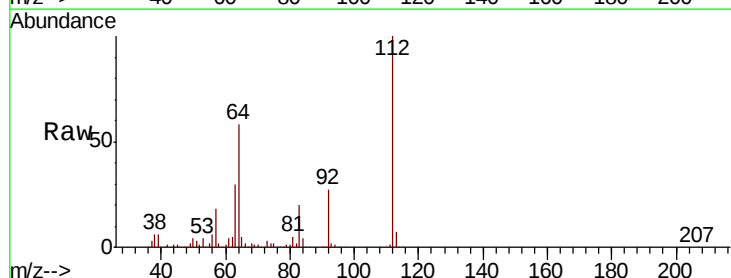
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



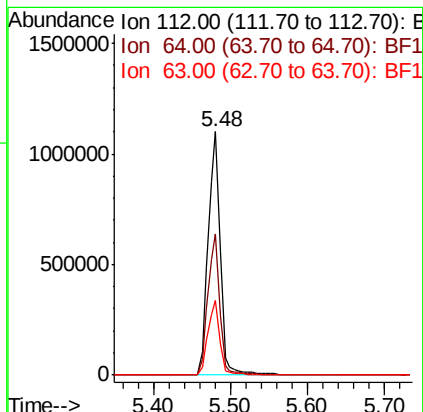
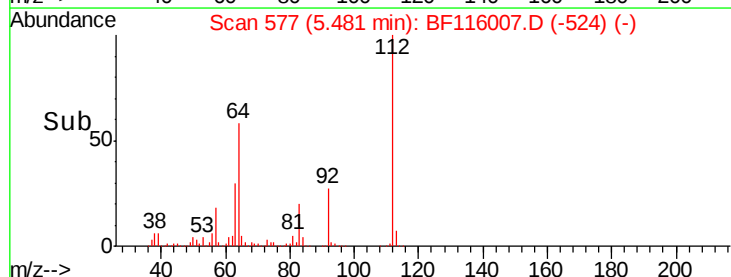
#5

2-Fluorophenol
Concen: 115.740 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF116007.D
Acq: 6 Aug 2019 12:29

Tgt Ion:112 Resp: 1203214
Ion Ratio Lower Upper
112 100
64 58.0 46.8 70.2
63 30.5 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: 121.877 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116007.D

Acq: 6 Aug 2019 12:29

Instrument :

BNA_F

ClientSampleId :

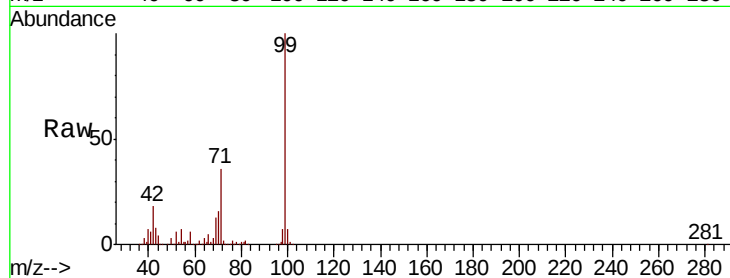
Tot Ion: 99 Resp: 1598566

Ion Ratio Lower Upper

99 100

42 17.7 13.8 20.6

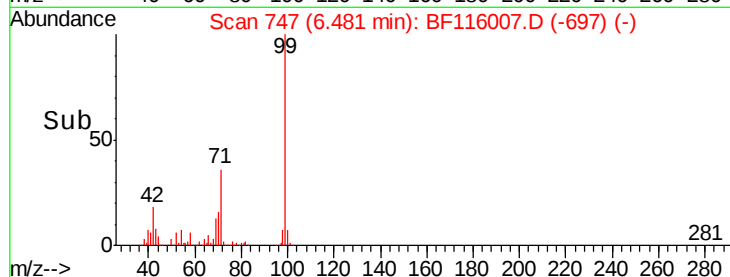
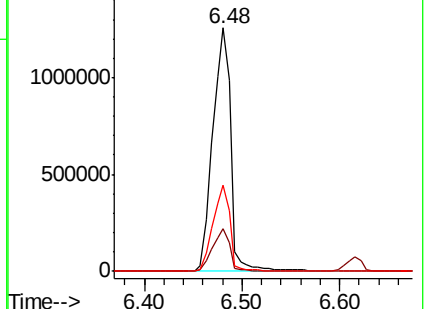
71 35.6 27.1 40.7



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: 17.461 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF116007.D

Acq: 6 Aug 2019 12:29

Tgt Ion: 70 Resp: 141920

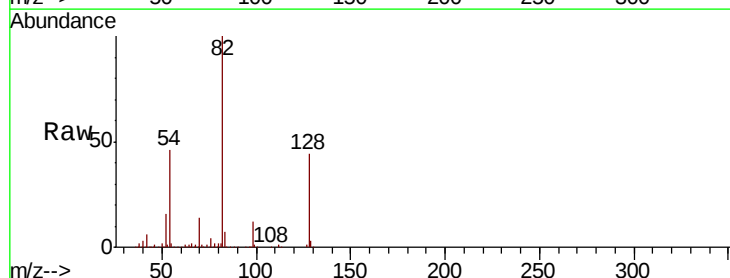
Ion Ratio Lower Upper

70 100

42 42.3 41.8 62.8

101 0.0 7.7 11.5#

130 2.3 17.8 26.6#

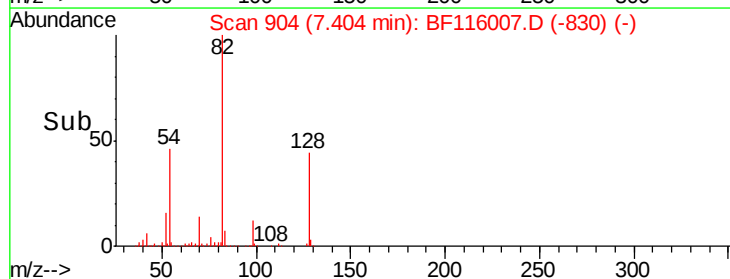
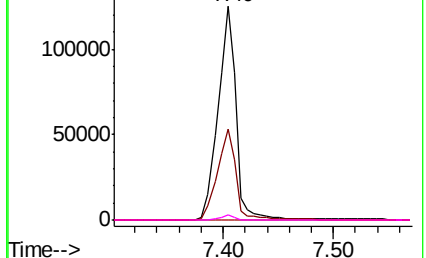


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

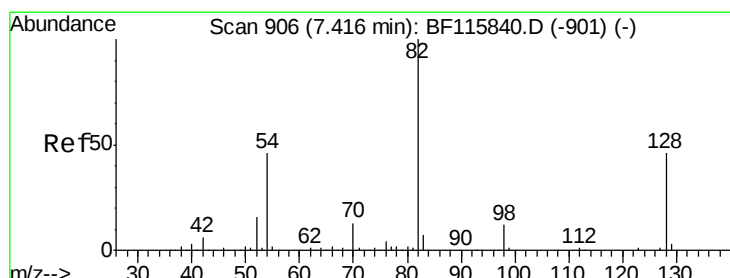
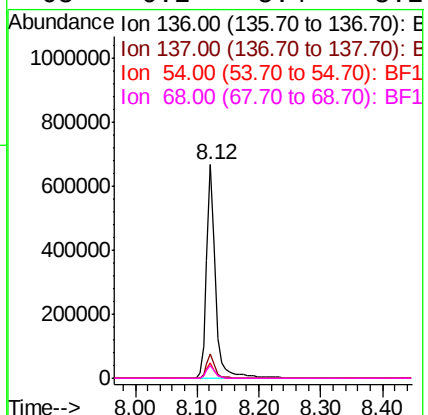
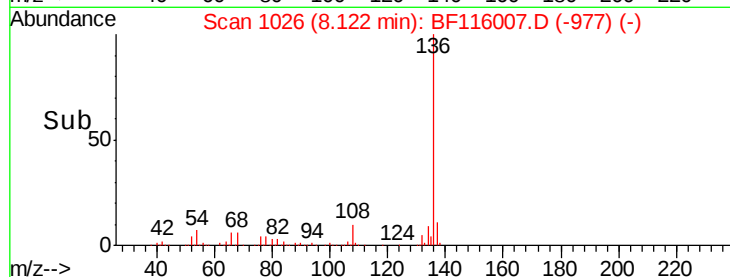
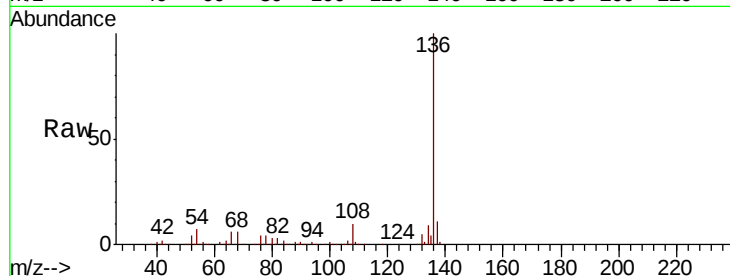




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF116007.D
Acq: 6 Aug 2019 12:29

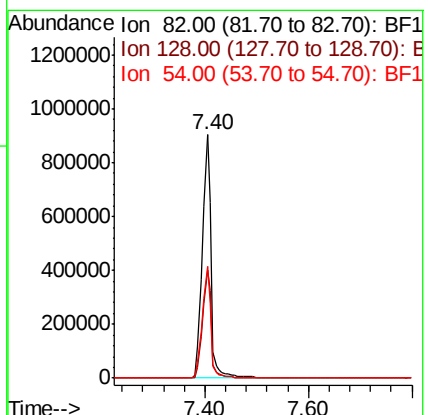
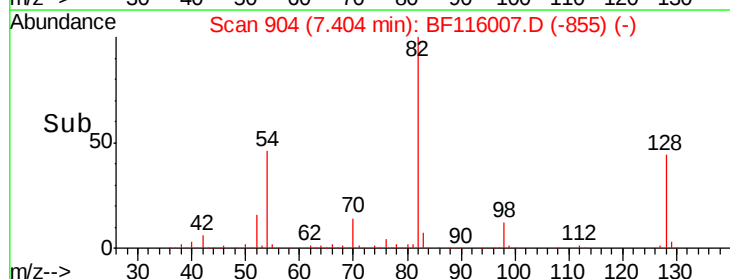
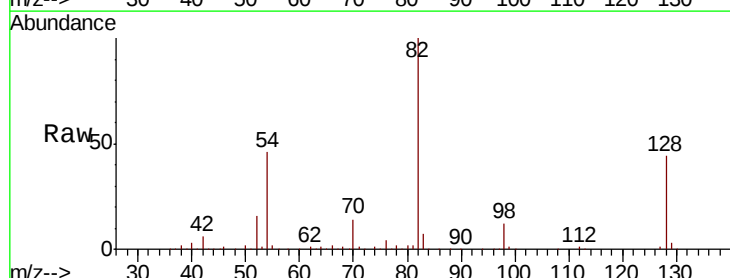
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	675046	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	9.1	13.7	
54 7.2	6.1	9.1	
68 6.2	5.4	8.2	



#23
Nitrobenzene-d5
Concen: 91.186 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116007.D
Acq: 6 Aug 2019 12:29

Tgt Ion: 82	Resp: 1066383
Ion Ratio	Lower Upper
82 100	
128 44.4	36.6 55.0
54 45.8	36.6 55.0





#25

Isophorone

Concen: 47.688 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.27 min

Lab File: BF116007.D

Acq: 6 Aug 2019 12:29

Instrument :

BNA_F

ClientSampleId :

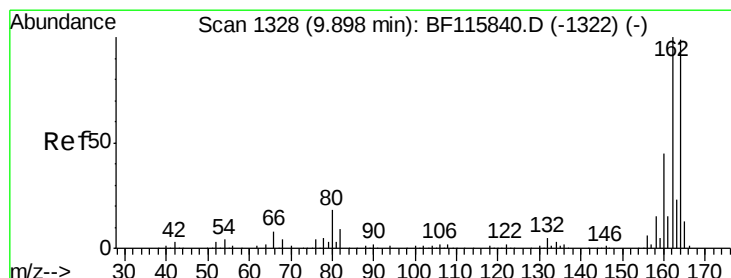
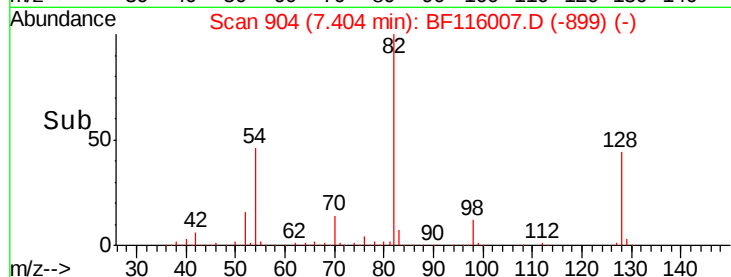
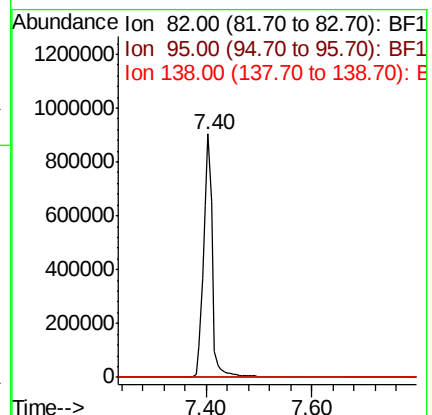
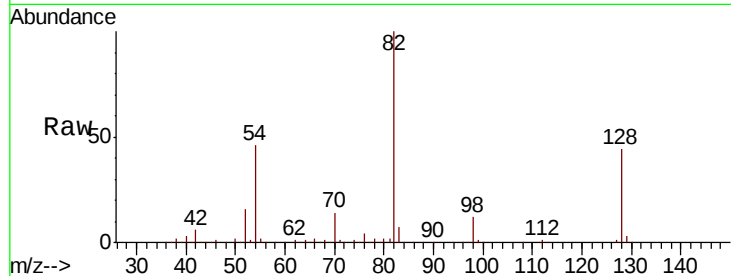
Tot Ion: 82 Resp: 1066378

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

138 0.0 13.9 20.9#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF116007.D

Acq: 6 Aug 2019 12:29

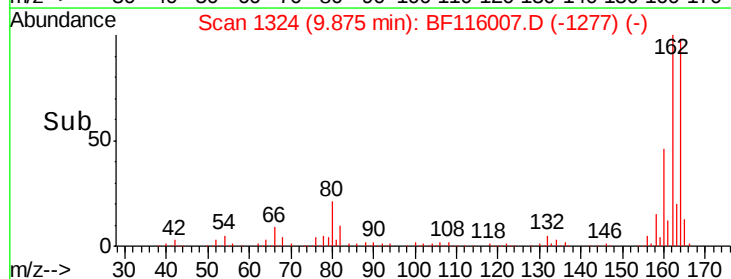
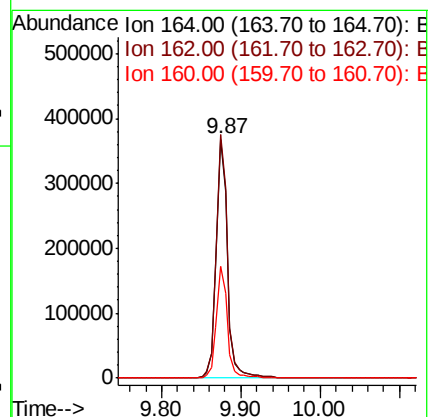
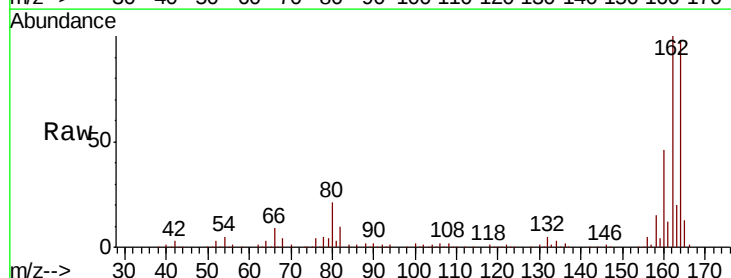
Tgt Ion:164 Resp: 361885

Ion Ratio Lower Upper

164 100

162 102.0 80.8 121.2

160 46.9 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 127.884 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BF116007.D

Acq: 6 Aug 2019 12:29

Instrument :

BNA_F

ClientSampled :

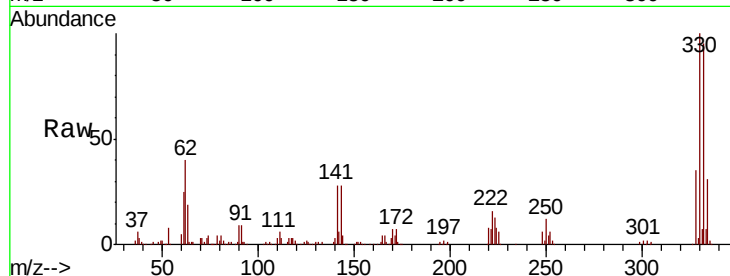
Tot Ion:330 Resp: 448689

Ion Ratio Lower Upper

330 100

332 94.7 77.7 116.5

141 32.4 28.1 42.1

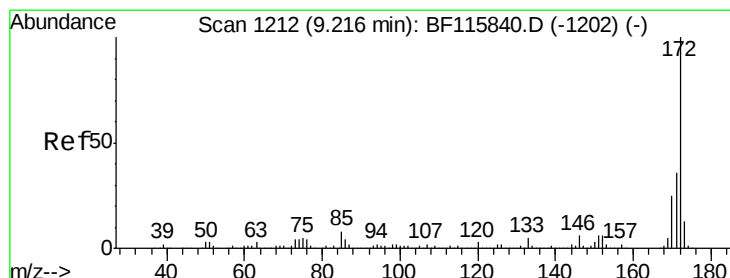
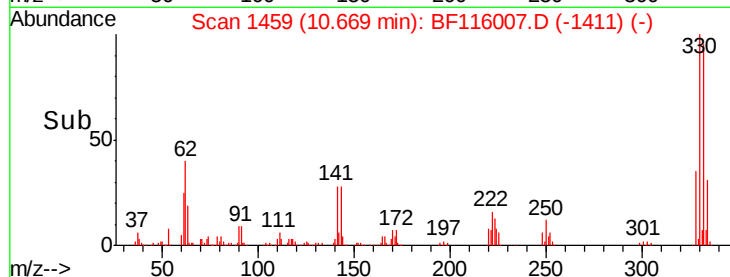
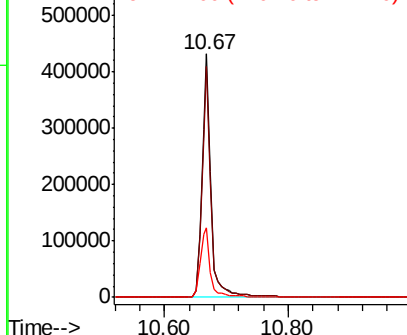


Abundance

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: 93.658 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.02 min

Lab File: BF116007.D

Acq: 6 Aug 2019 12:29

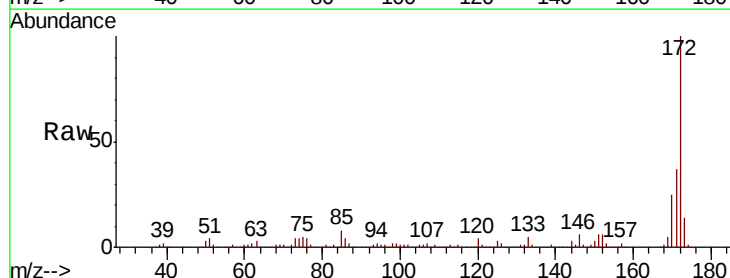
Tgt Ion:172 Resp: 1809510

Ion Ratio Lower Upper

172 100

171 36.7 29.1 43.7

170 25.3 20.1 30.1

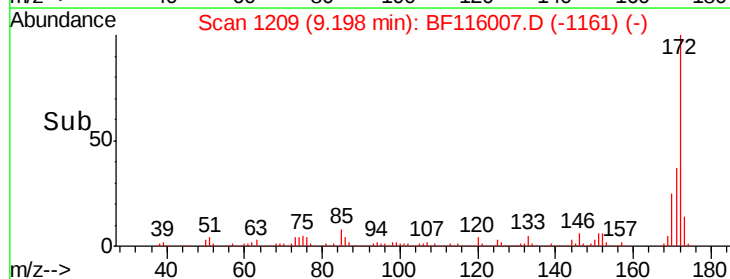
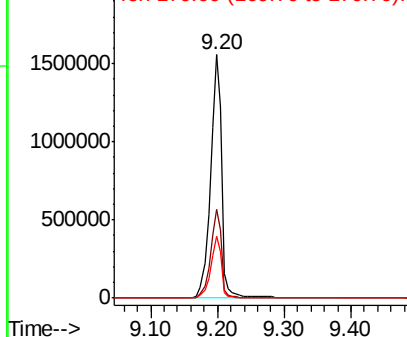


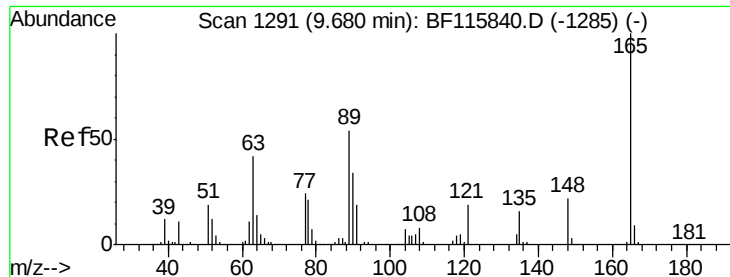
Abundance

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

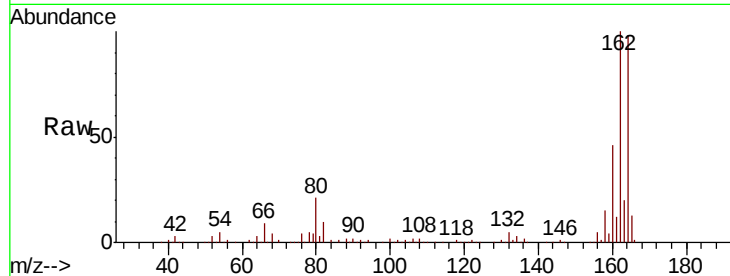




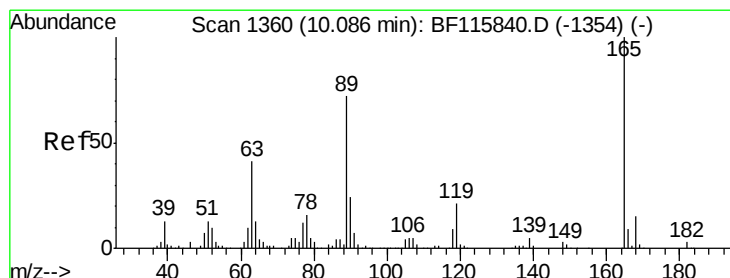
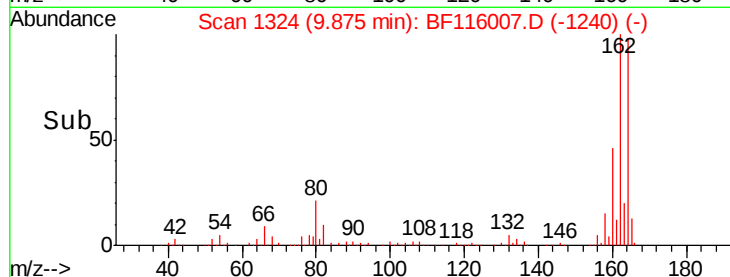
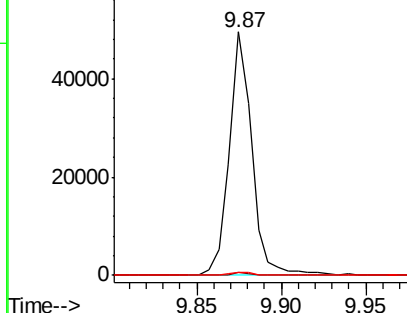
#51
 2,6-Dinitrotoluene
 Concen: 8.602 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.19 min
 Lab File: BF116007.D
 Acq: 6 Aug 2019 12:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	39.4	59.2#
89	1.3	43.0	64.6#



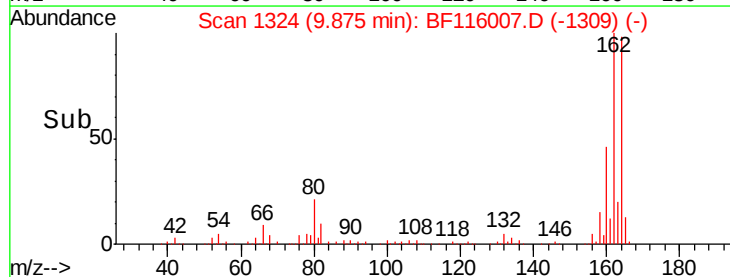
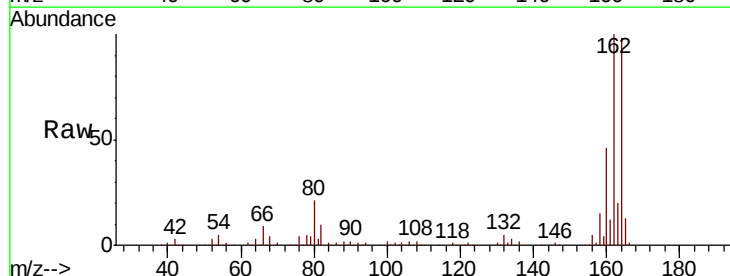
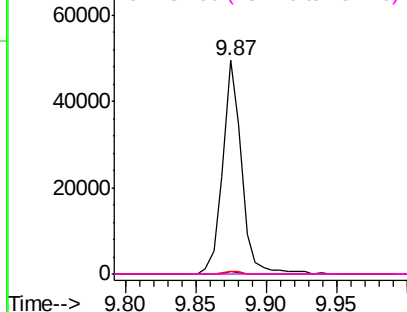
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1



#57
 2,4-Dinitrotoluene
 Concen: 6.477 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.21 min
 Lab File: BF116007.D
 Acq: 6 Aug 2019 12:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	33.2	49.8#
89	1.3	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

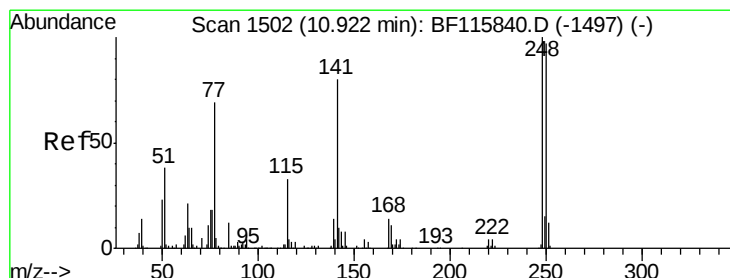
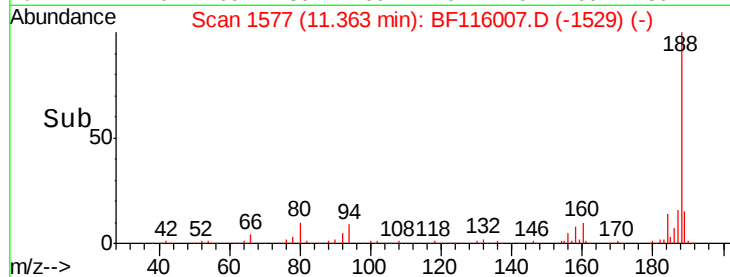
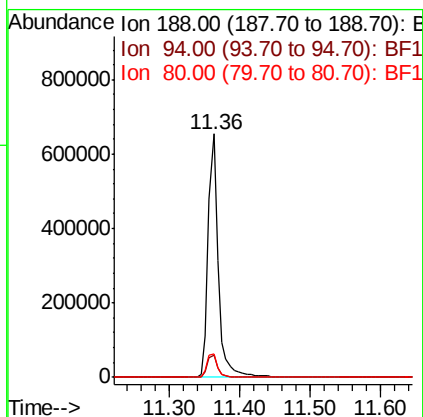
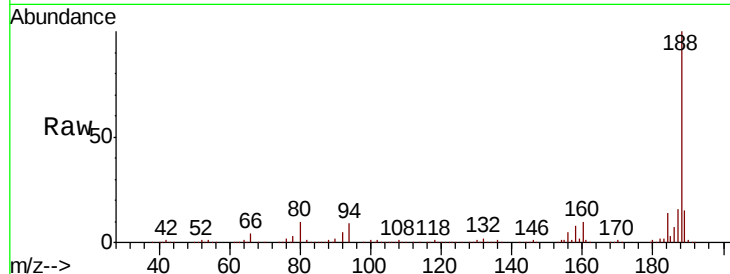




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.02 min
 Lab File: BF116007.D
 Acq: 6 Aug 2019 12:29

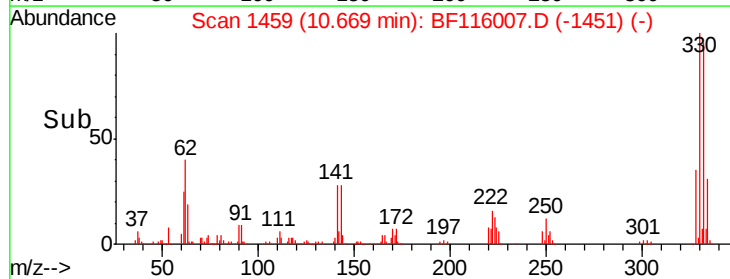
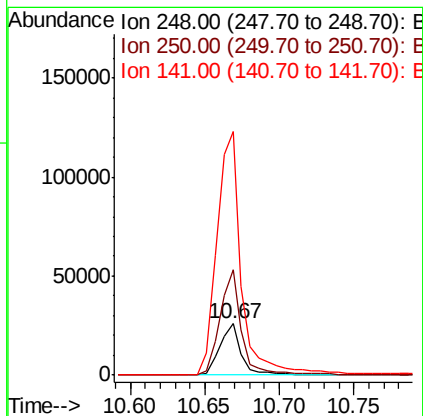
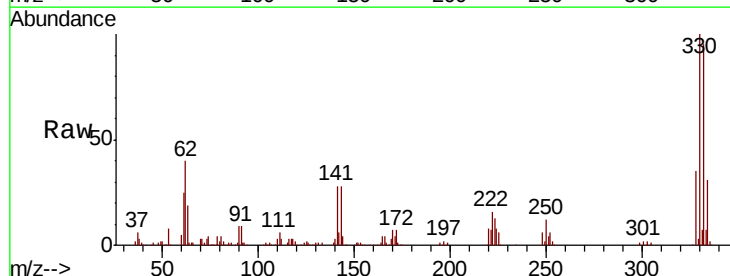
Instrument :
 BNA_F
 ClientSampleId :

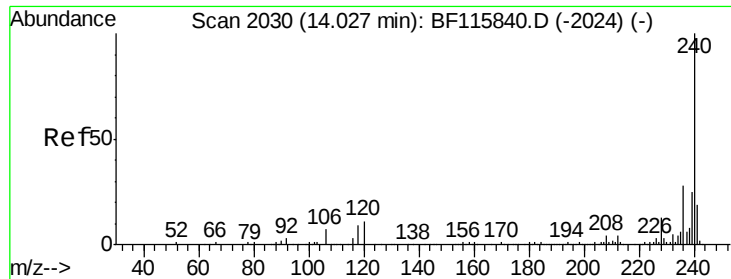
Tot Ion:188 Resp: 645609
 Ion Ratio Lower Upper
 188 100
 94 9.2 8.0 12.0
 80 9.9 8.6 12.8



#67
 4-Bromophenyl-phenylether
 Concen: 3.908 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.25 min
 Lab File: BF116007.D
 Acq: 6 Aug 2019 12:29

Tgt Ion:248 Resp: 27008
 Ion Ratio Lower Upper
 248 100
 250 206.2 77.8 116.6#
 141 475.8 64.3 96.5#

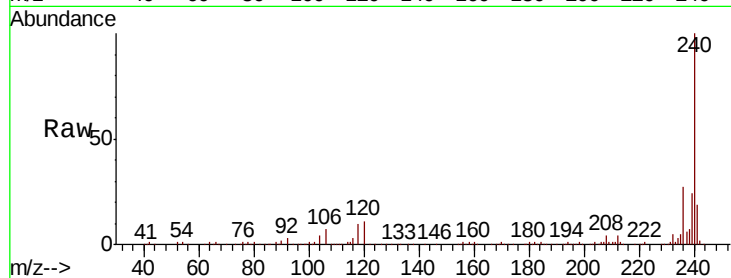




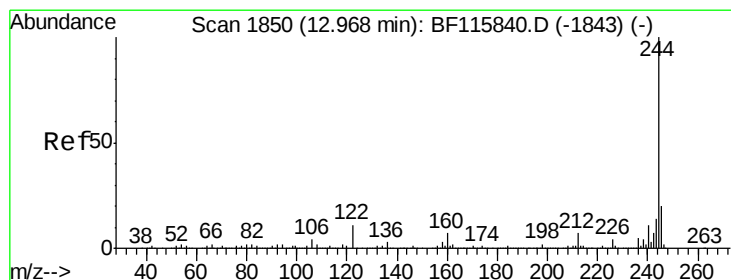
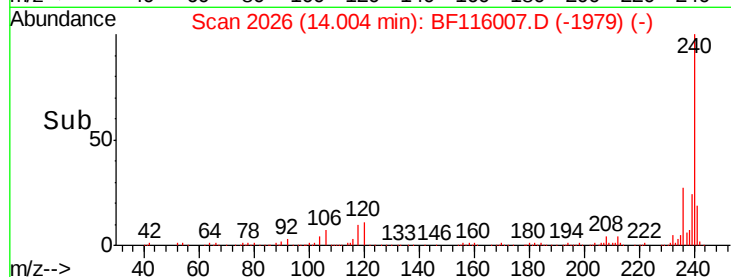
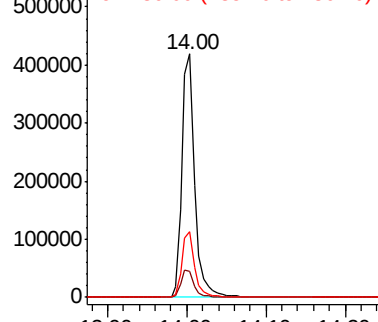
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BF116007.D
 Acq: 6 Aug 2019 12:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 469265
 Ion Ratio Lower Upper
 240 100
 120 10.5 8.5 12.7
 236 27.0 22.2 33.2

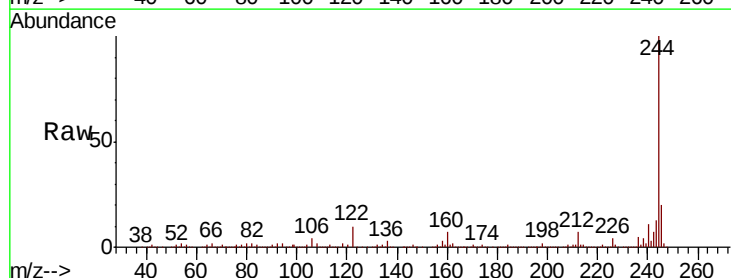


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

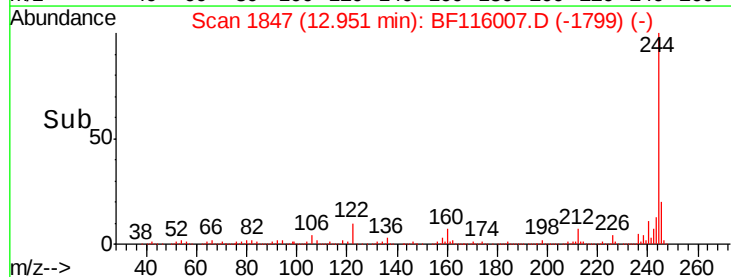
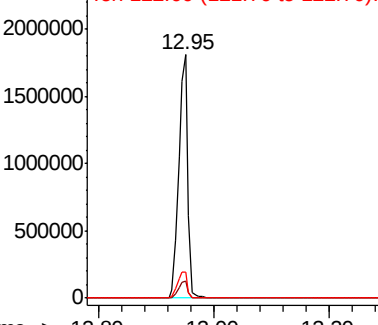


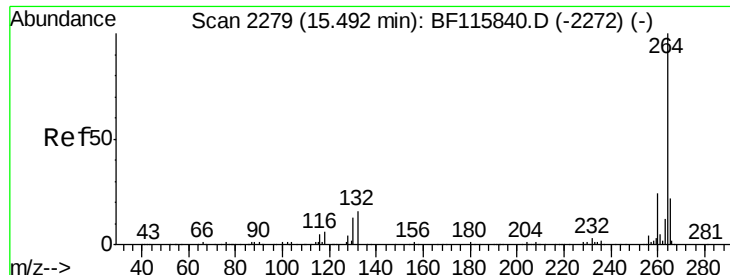
#79
 Terphenyl-d14
 Concen: 90.495 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.02 min
 Lab File: BF116007.D
 Acq: 6 Aug 2019 12:29

Tgt Ion:244 Resp: 2015320
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 10.5 8.6 13.0



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

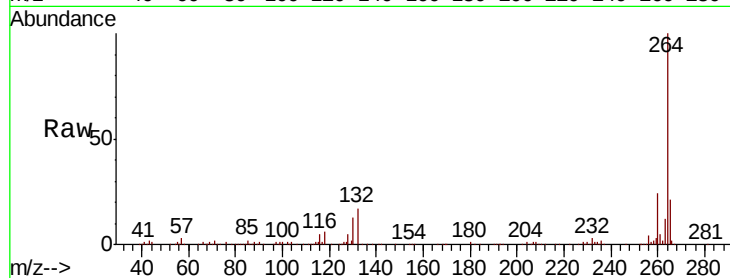




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.02 min
 Lab File: BF116007.D
 Acq: 6 Aug 2019 12:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.5	17.5	26.3



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

