

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
 Data File : BF116104.D
 Acq On : 9 Aug 2019 11:03
 Operator : HP/JU
 Sample : PB122069BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 10 02:09:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

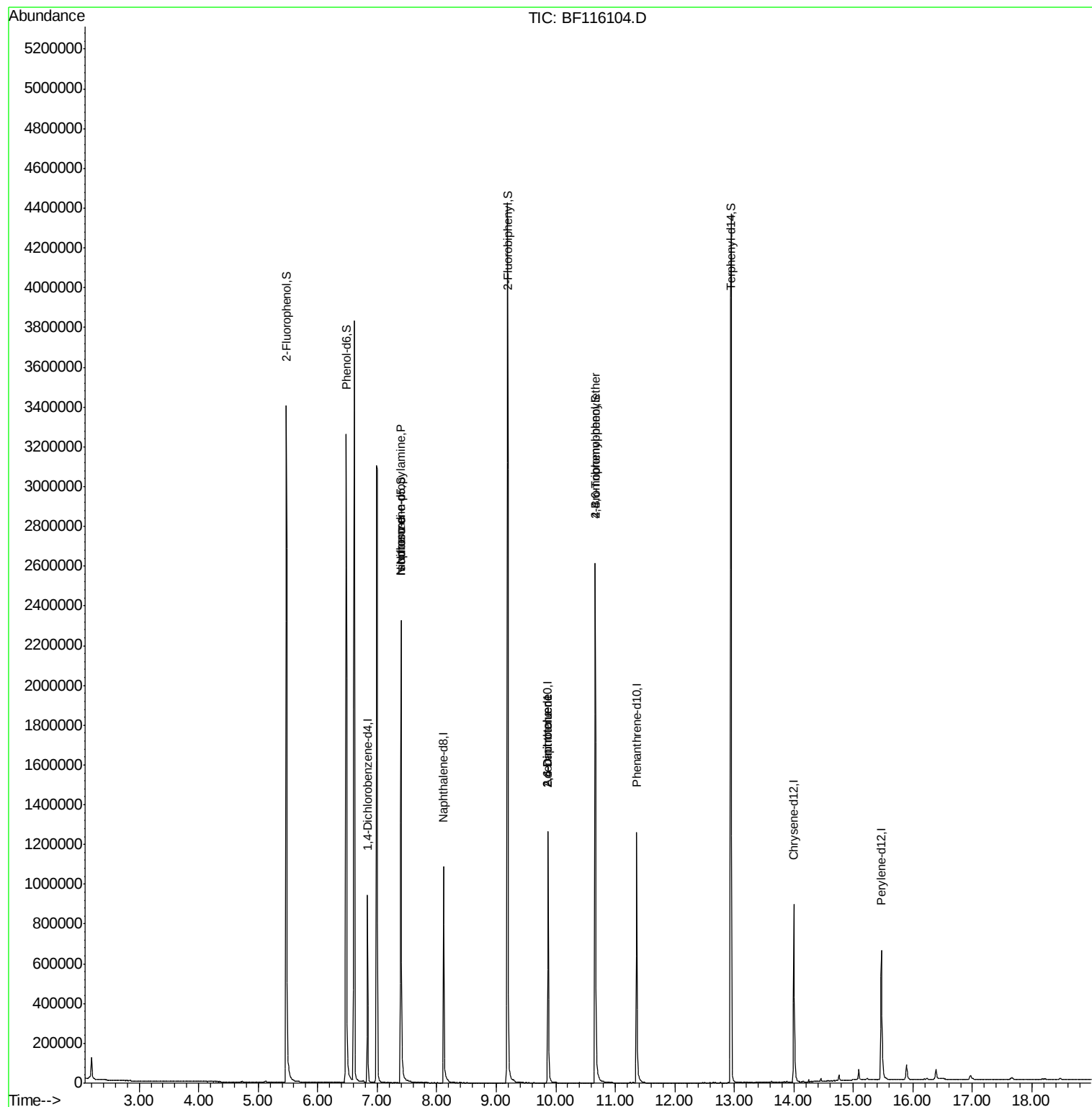
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	152684	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	585877	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	311265	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	547661	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	392290	20.00	ng	-0.01
87) Perylene-d12	15.47	264	359574	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1128256	123.70	ng	0.00
7) Phenol-d6	6.48	99	1455661	126.50	ng	0.00
23) Nitrobenzene-d5	7.40	82	973985	95.96	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	394666	130.78	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1606514	96.67	ng	-0.01
79) Terphenyl-d14	12.94	244	1743452	93.65	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	127987	17.949	ng	# 78
25) Isophorone	7.40	82	973981	50.185	ng	# 65
51) 2,6-Dinitrotoluene	9.87	165	39650	8.609	ng	# 29
57) 2,4-Dinitrotoluene	9.87	165	39650	6.466	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	23768	4.054	ng	# 1

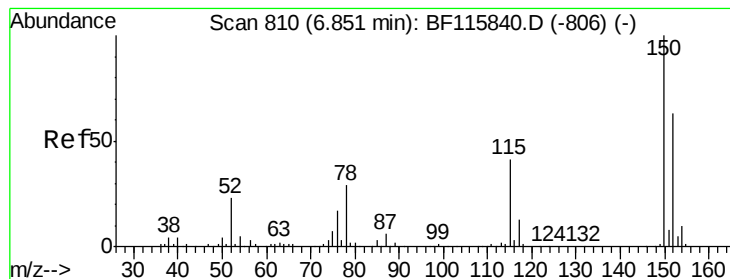
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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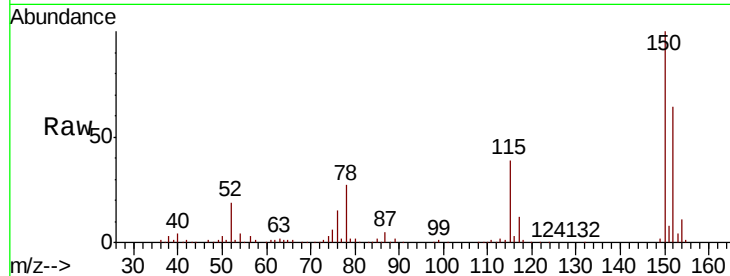


#1

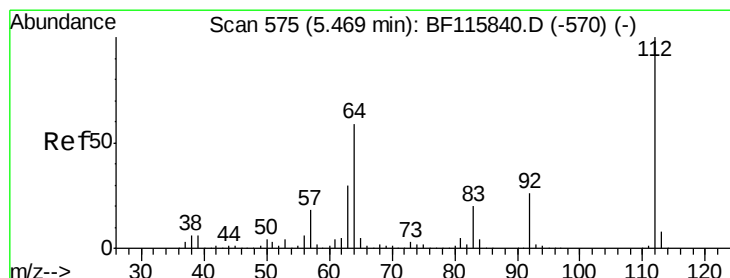
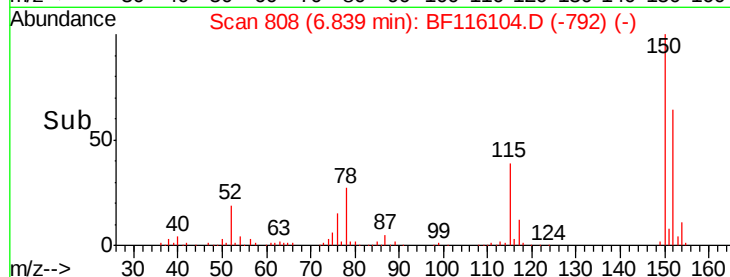
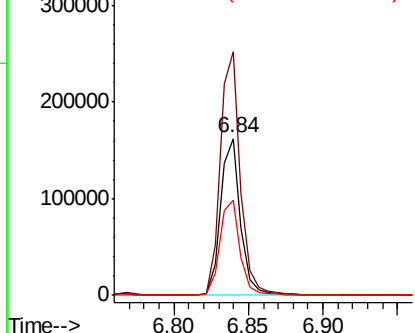
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116104.D
Acq: 9 Aug 2019 11:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 152684
Ion Ratio Lower Upper
152 100
150 155.1 126.2 189.2
115 60.3 49.9 74.9



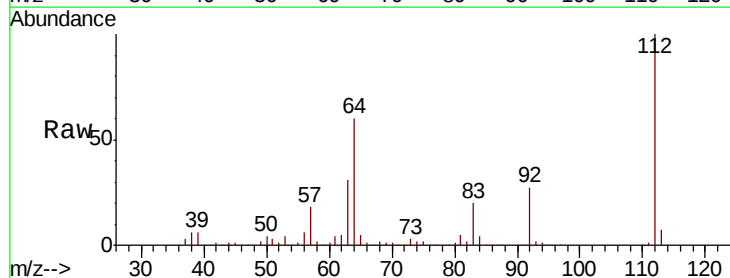
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



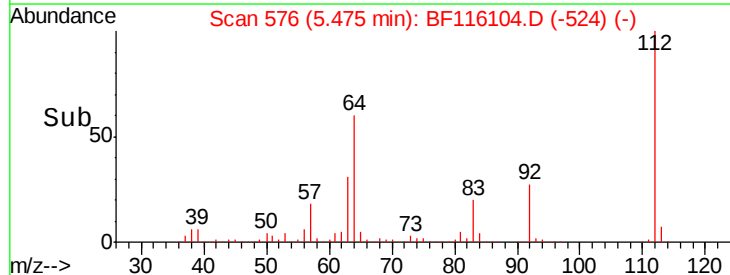
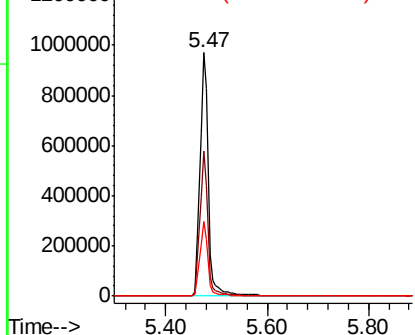
#5

2-Fluorophenol
Concen: 123.705 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116104.D
Acq: 9 Aug 2019 11:03

Tgt Ion:112 Resp: 1128256
Ion Ratio Lower Upper
112 100
64 59.6 45.4 68.2
63 30.7 23.7 35.5



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: 126.500 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116104.D

Acq: 9 Aug 2019 11:03

Instrument :

BNA_F

ClientSampleId :

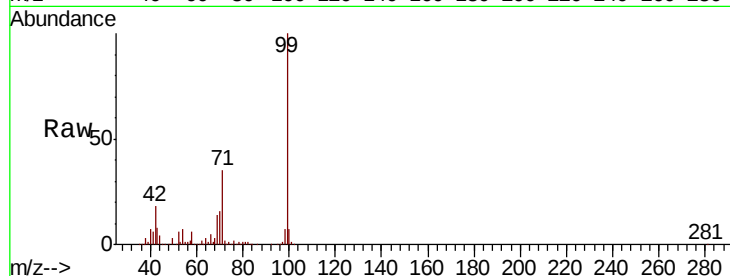
Tot Ion: 99 Resp: 1455661

Ion Ratio Lower Upper

99 100

42 17.6 13.8 20.8

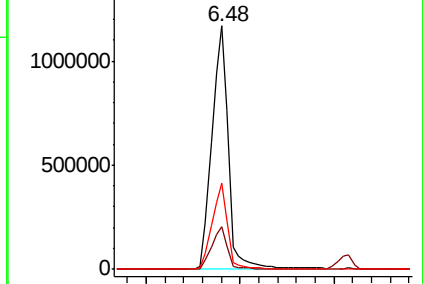
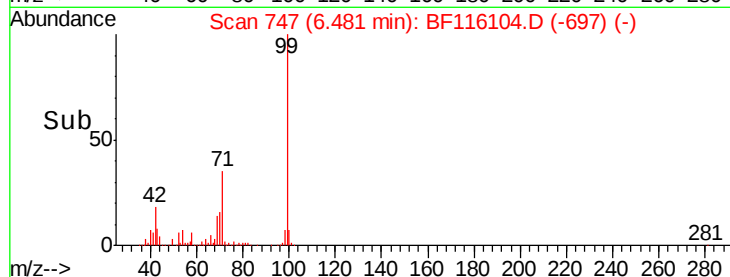
71 35.5 27.3 40.9



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: 17.949 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF116104.D

Acq: 9 Aug 2019 11:03

Tgt Ion: 70 Resp: 127987

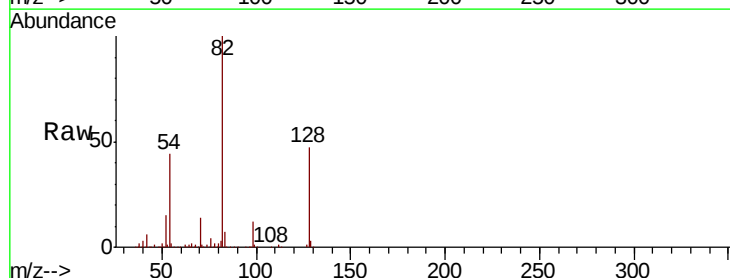
Ion Ratio Lower Upper

70 100

42 41.3 40.9 61.3

101 0.0 7.9 11.9#

130 2.1 16.9 25.3#

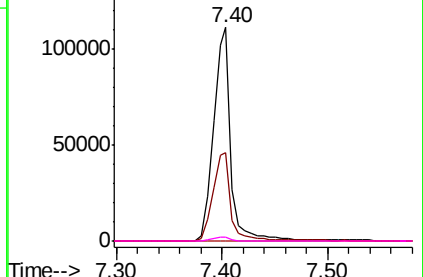
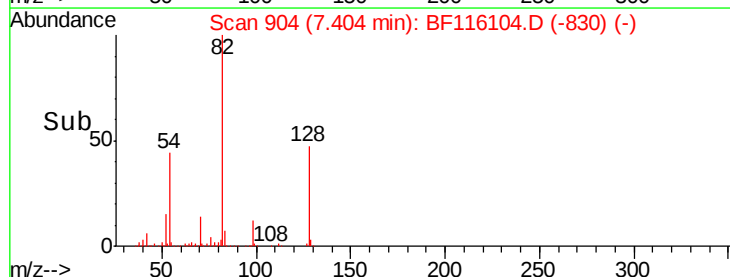


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

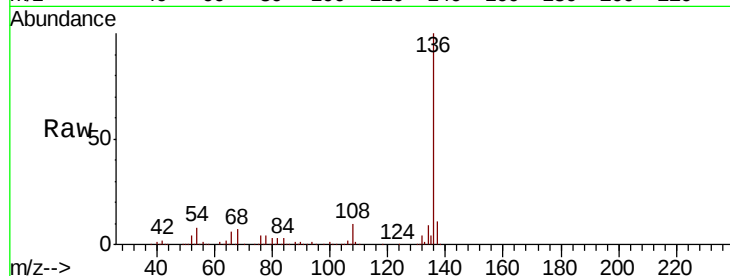




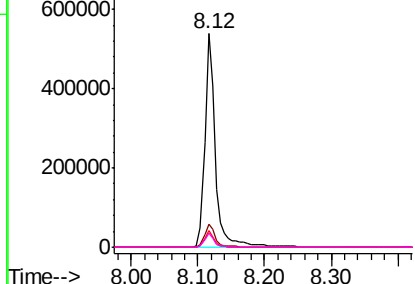
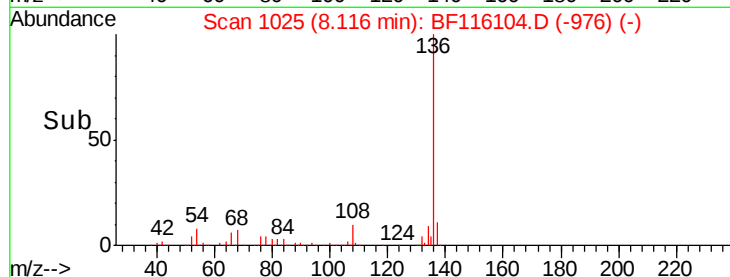
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116104.D
Acq: 9 Aug 2019 11:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 585877
Ion Ratio	Lower Upper
136 100	
137 11.0	9.0 13.4
54 7.5	5.8 8.6
68 6.5	5.2 7.8

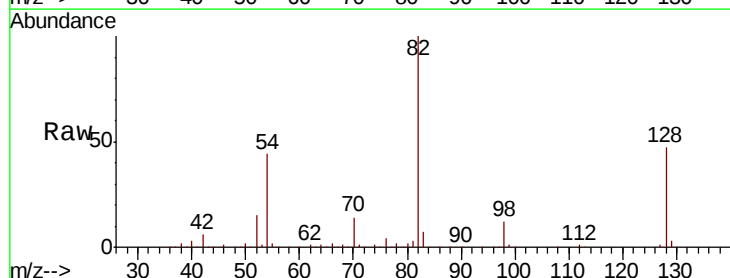


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

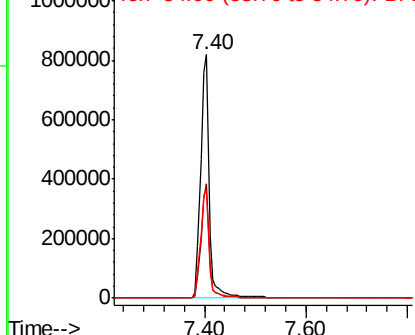
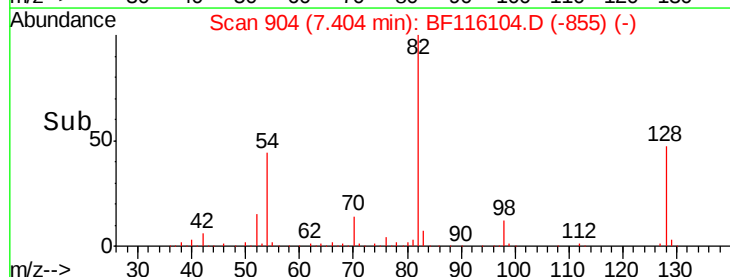


#23
Nitrobenzene-d5
Concen: 95.961 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116104.D
Acq: 9 Aug 2019 11:03

Tgt	Ion: 82	Resp:	973985
Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.5	54.7
54	44.1	36.0	54.0



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: 50.185 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.27 min

Lab File: BF116104.D

Acq: 9 Aug 2019 11:03

Instrument :

BNA_F

ClientSampleId :

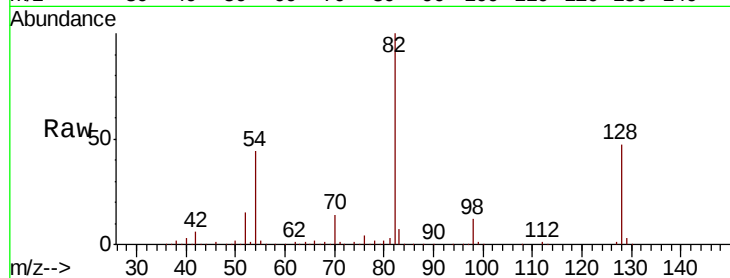
Tot Ion: 82 Resp: 973981

Ion Ratio Lower Upper

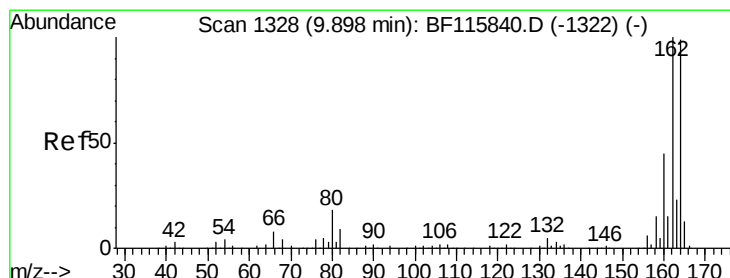
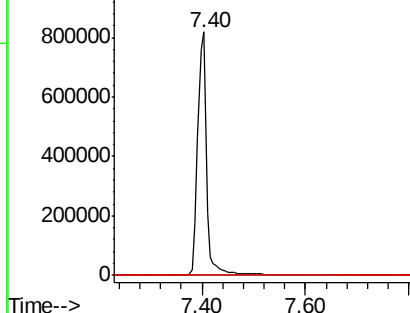
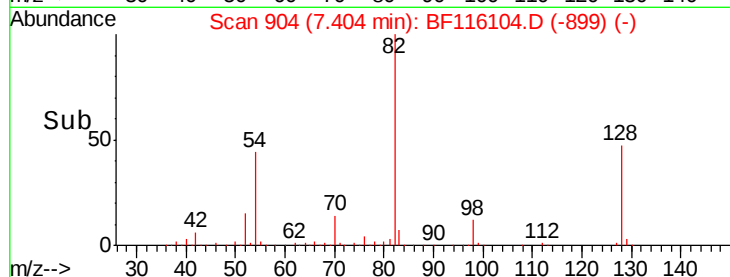
82 100

95 0.0 5.4 8.0#

138 0.0 14.5 21.7#



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# 1323

Delta R.T. -0.02 min

Lab File: BF116104.D

Acq: 9 Aug 2019 11:03

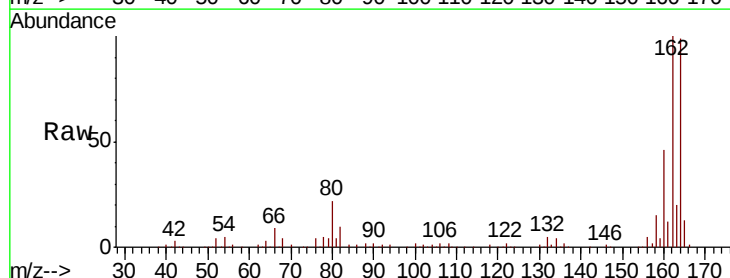
Tgt Ion: 164 Resp: 311265

Ion Ratio Lower Upper

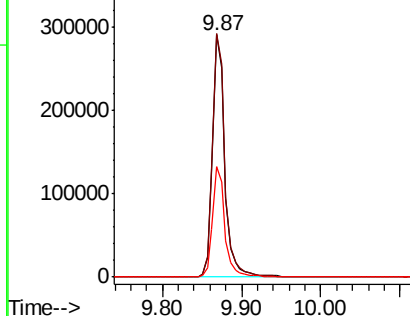
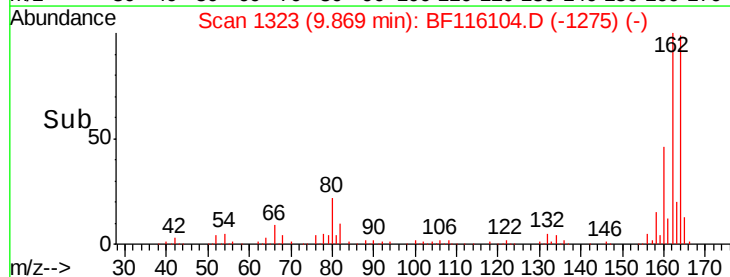
164 100

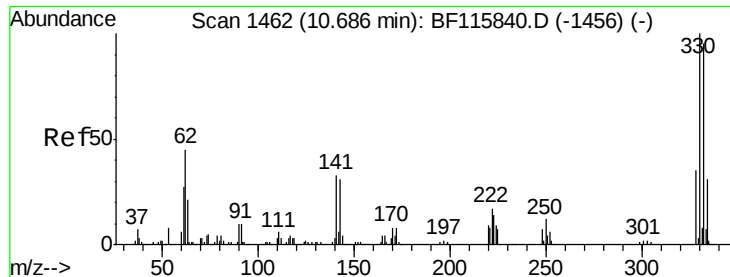
162 100.5 82.6 124.0

160 45.8 37.6 56.4



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: 130.779 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116104.D

Acq: 9 Aug 2019 11:03

Instrument :

BNA_F

ClientSampleId :

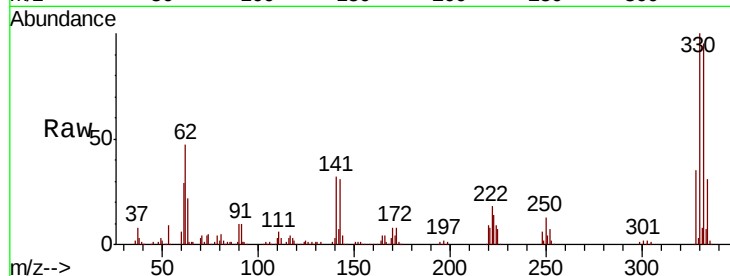
Tot Ion:330 Resp: 394666

Ion Ratio Lower Upper

330 100

332 95.5 76.8 115.2

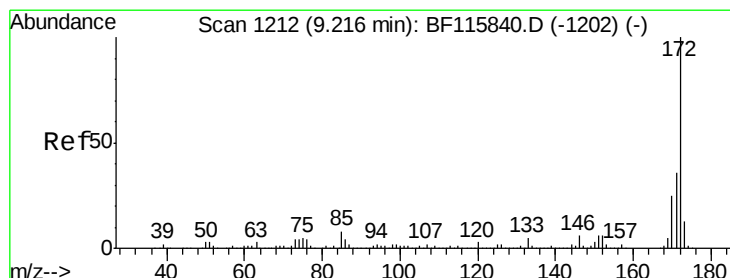
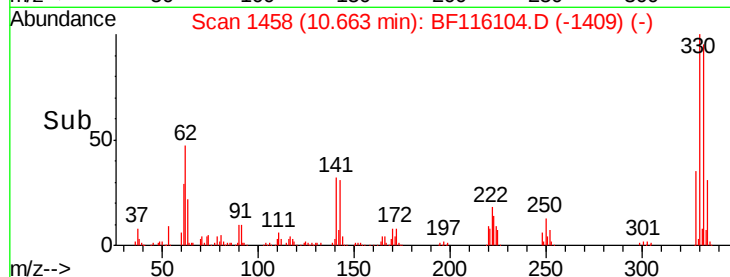
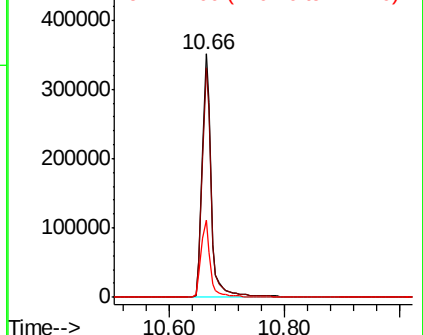
141 32.6 26.3 39.5



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: 96.674 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF116104.D

Acq: 9 Aug 2019 11:03

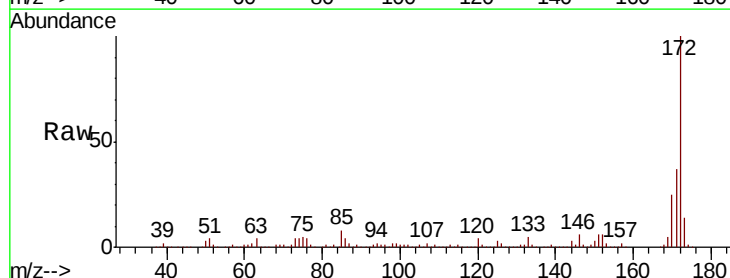
Tgt Ion:172 Resp: 1606514

Ion Ratio Lower Upper

172 100

171 36.8 29.6 44.4

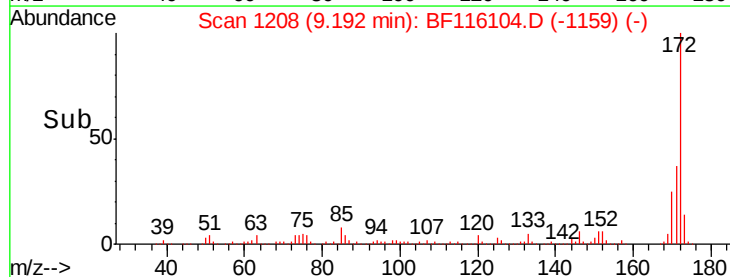
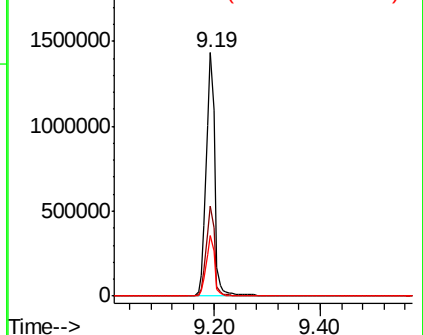
170 25.1 20.1 30.1

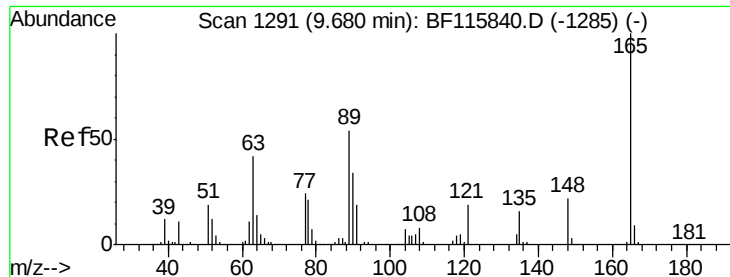


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

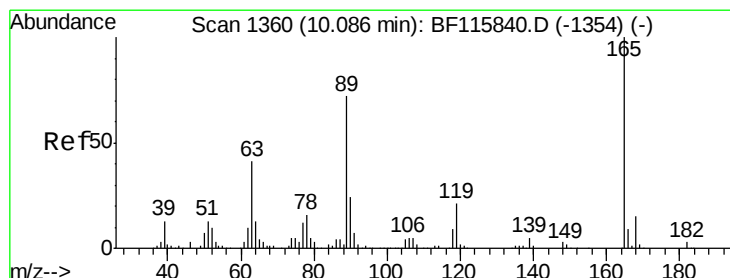
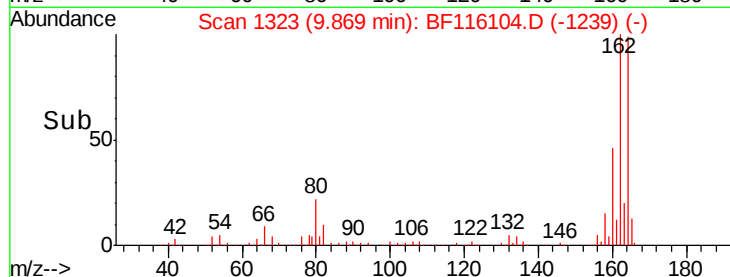
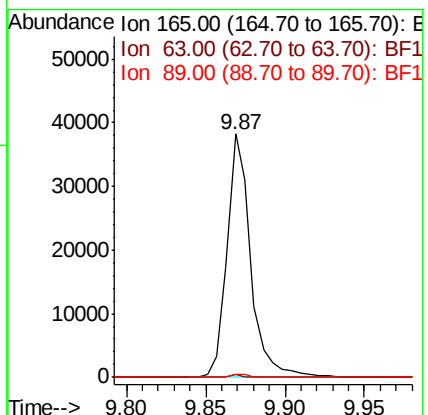
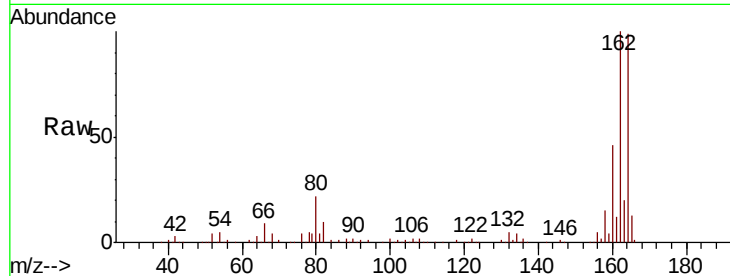




#51
 2,6-Dinitrotoluene
 Concen: 8.609 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.19 min
 Lab File: BF116104.D
 Acq: 9 Aug 2019 11:03

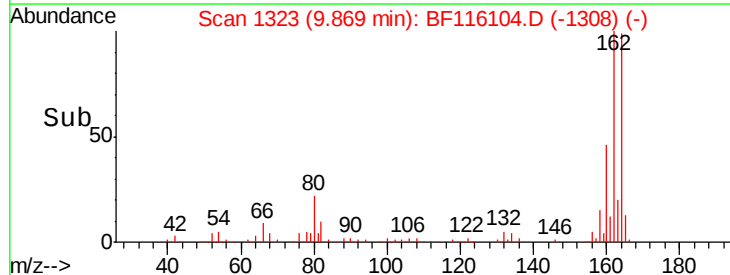
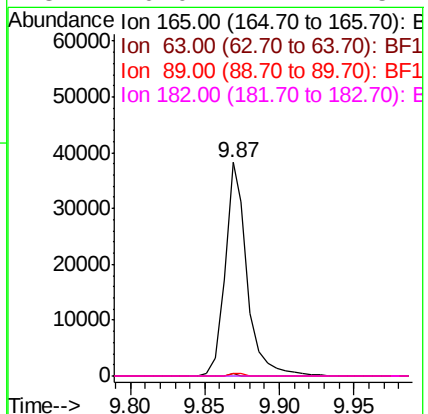
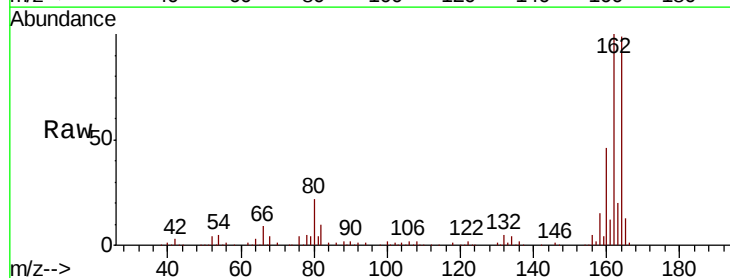
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	38.2	57.2#
89	1.4	42.9	64.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.466 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF116104.D
 Acq: 9 Aug 2019 11:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	39.6	59.4#
89	1.4	62.2	93.2#
182	0.0	2.1	3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF116104.D

Acq: 9 Aug 2019 11:03

Instrument :

BNA_F

ClientSampleId :

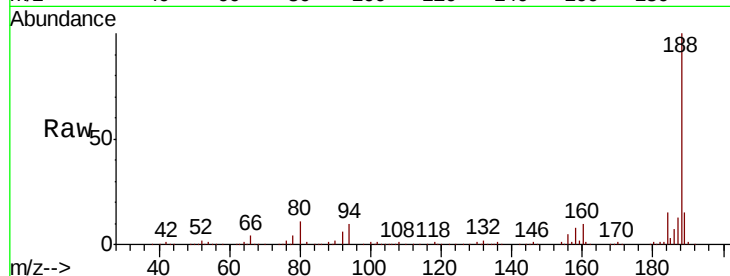
Tot Ion:188 Resp: 547661

Ion Ratio Lower Upper

188 100

94 9.9 8.1 12.1

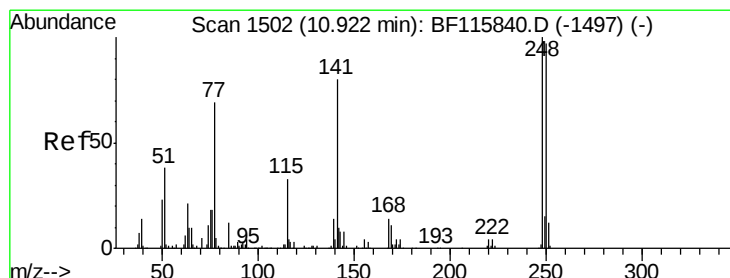
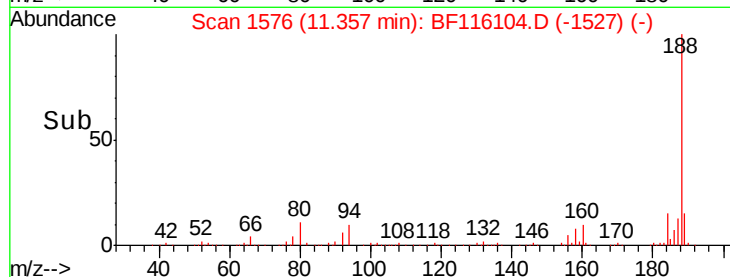
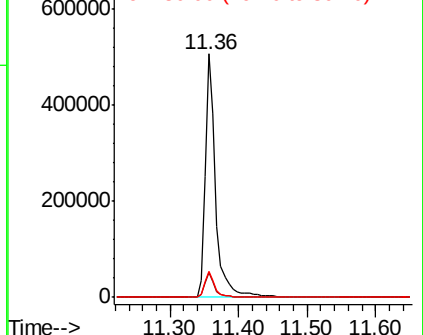
80 10.9 8.7 13.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#67

4-Bromophenyl-phenylether

Concen: 4.054 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.25 min

Lab File: BF116104.D

Acq: 9 Aug 2019 11:03

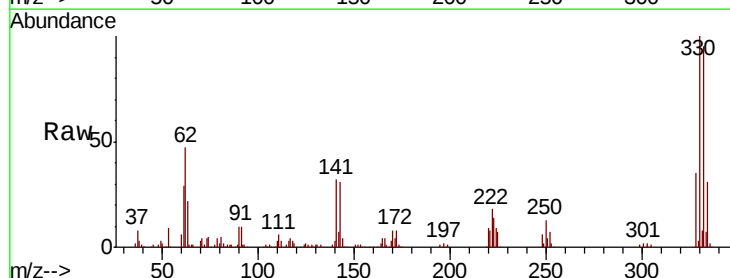
Tgt Ion:248 Resp: 23768

Ion Ratio Lower Upper

248 100

250 198.7 77.4 116.2#

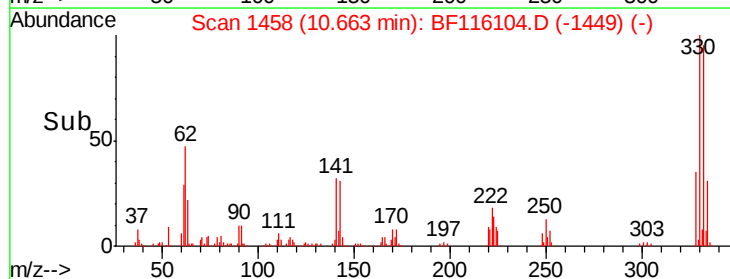
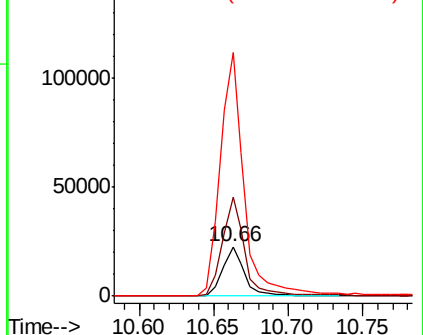
141 491.0 56.8 85.2#

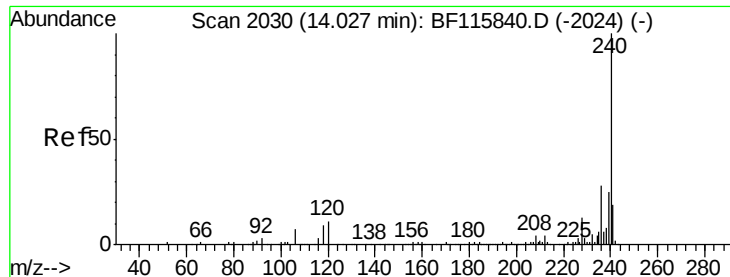


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

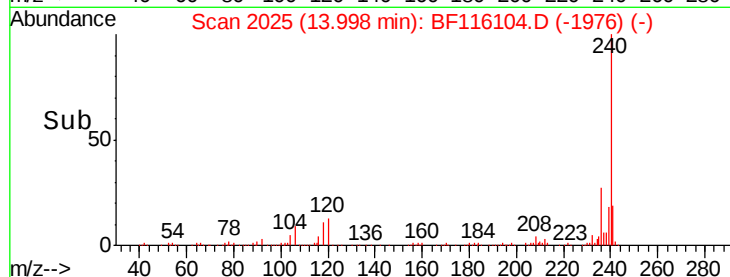
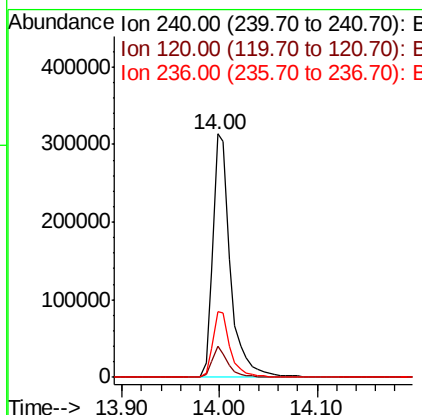
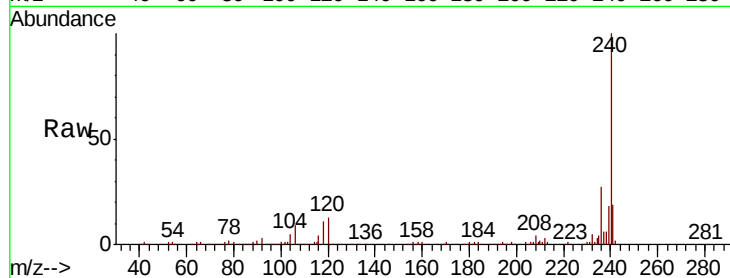




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116104.D
Acq: 9 Aug 2019 11:03

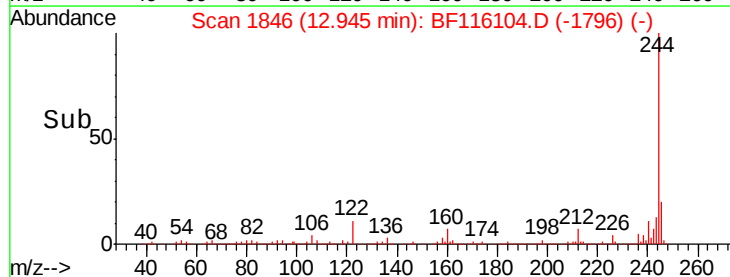
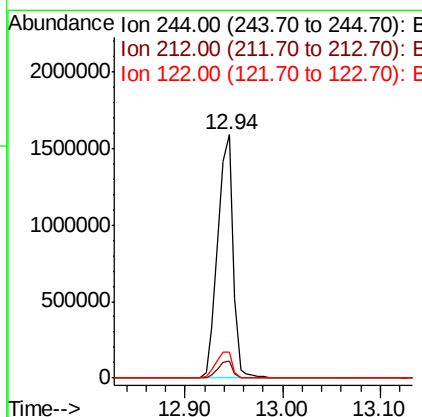
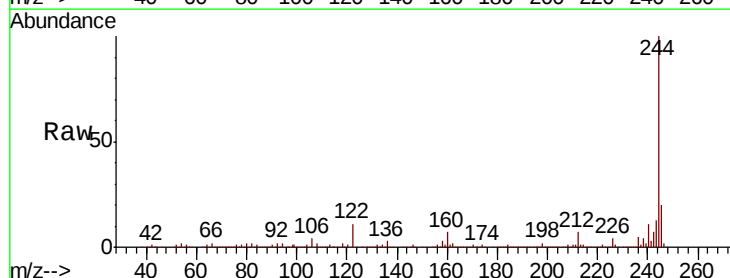
Instrument :
BNA_F
ClientSampleId :

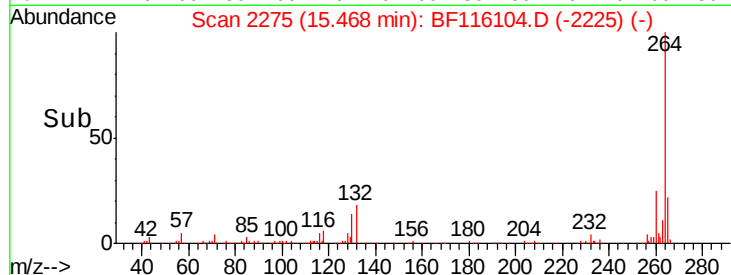
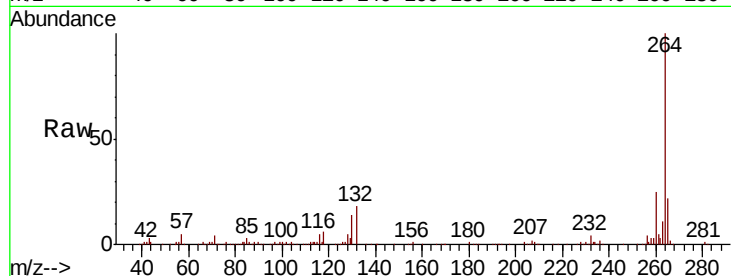
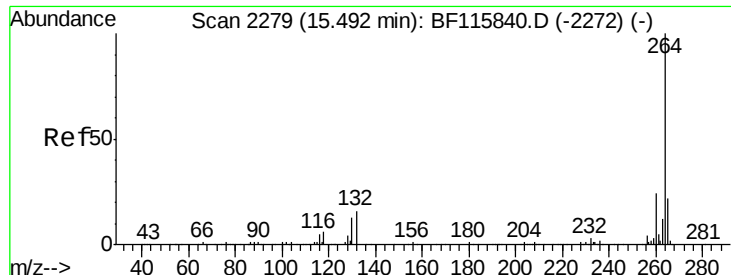
Tot Ion:240 Resp: 392290
Ion Ratio Lower Upper
240 100
120 12.7 10.7 16.1
236 26.7 22.2 33.2



#79
Terphenyl-d14
Concen: 93.649 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116104.D
Acq: 9 Aug 2019 11:03

Tgt Ion:244 Resp: 1743452
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 10.9 9.0 13.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF116104.D
 Acq: 9 Aug 2019 11:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	359574
Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.7	29.5
265	22.1	17.4	26.0

