

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
 Data File : BF116132.D
 Acq On : 10 Aug 2019 00:18
 Operator : HP/JU
 Sample : K4192-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 10 04:38:02 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

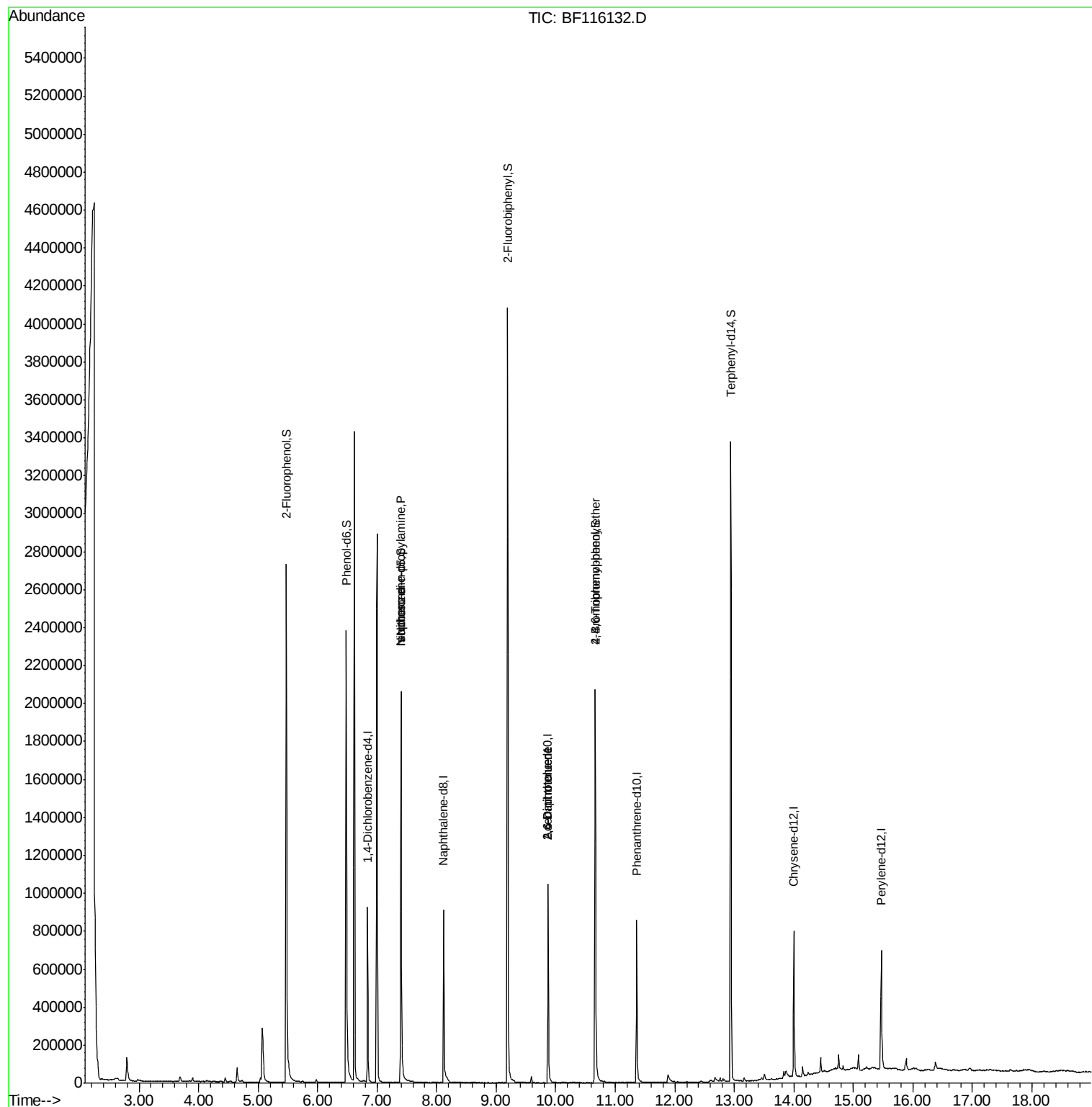
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	132391	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	488639	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	236899	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	365582	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	283743	20.00	ng	-0.01
87) Perylene-d12	15.47	264	320717	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	873991	110.51	ng	0.00
7) Phenol-d6	6.48	99	1009700	101.19	ng	0.00
23) Nitrobenzene-d5	7.40	82	807031	95.33	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	286510	124.74	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1348008	106.58	ng	-0.01
79) Terphenyl-d14	12.94	244	1208453	89.74	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	107352	17.362	ng	# 78
25) Isophorone	7.40	82	807027	49.857	ng	# 65
51) 2,6-Dinitrotoluene	9.87	165	30012	8.562	ng	# 28
57) 2,4-Dinitrotoluene	9.87	165	30012	6.431	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	17742	4.533	ng	# 1

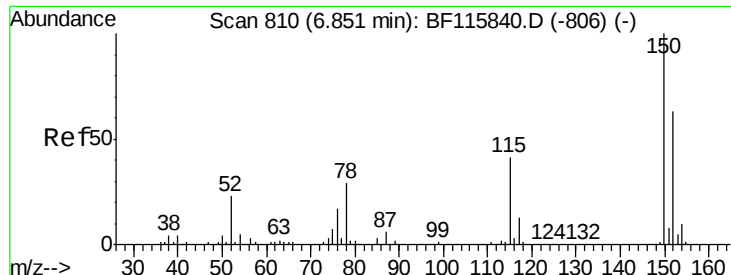
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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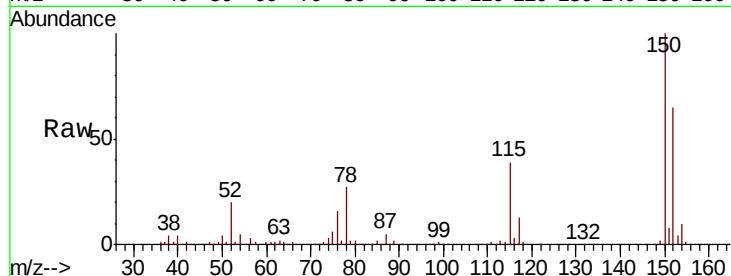


#1

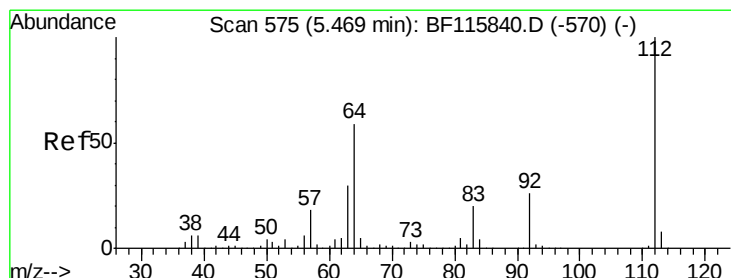
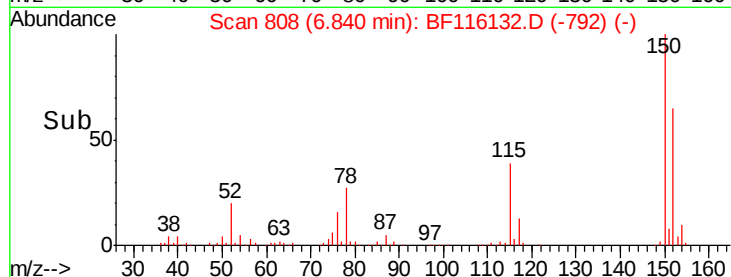
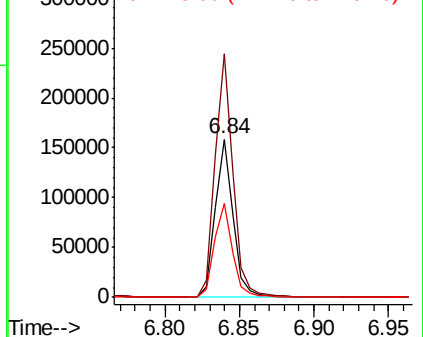
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116132.D
Acq: 10 Aug 2019 00:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 132391
Ion Ratio Lower Upper
152 100
150 153.7 126.2 189.2
115 59.6 49.9 74.9



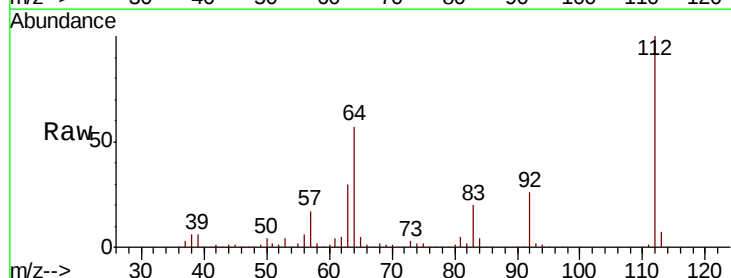
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



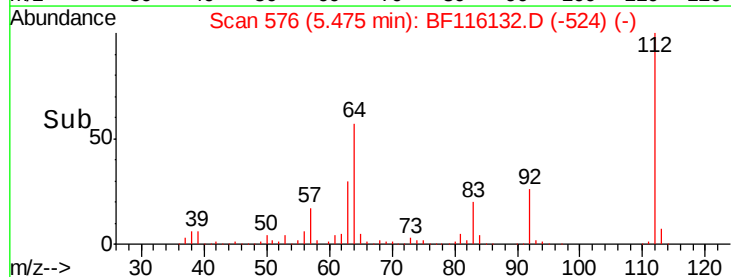
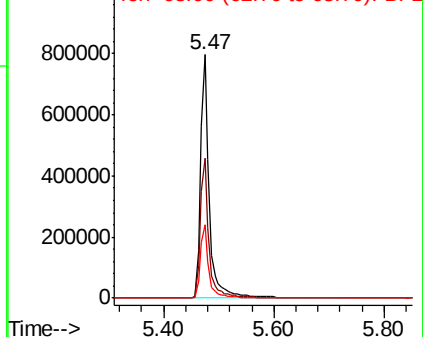
#5

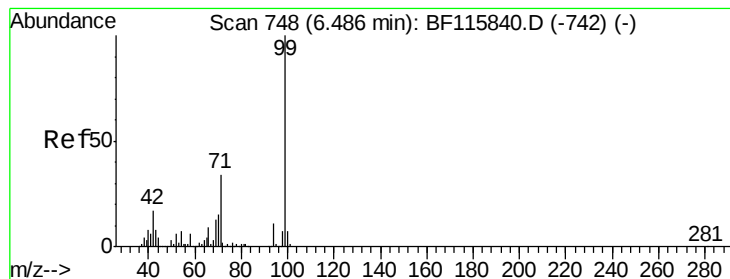
2-Fluorophenol
Concen: 110.515 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116132.D
Acq: 10 Aug 2019 00:18

Tgt Ion:112 Resp: 873991
Ion Ratio Lower Upper
112 100
64 57.4 45.4 68.2
63 30.2 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: 101.195 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116132.D

Acq: 10 Aug 2019 00:18

Instrument :

BNA_F

ClientSampled :

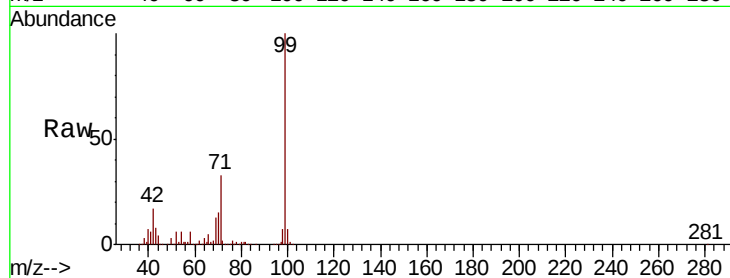
Tot Ion: 99 Resp: 1009700

Ion Ratio Lower Upper

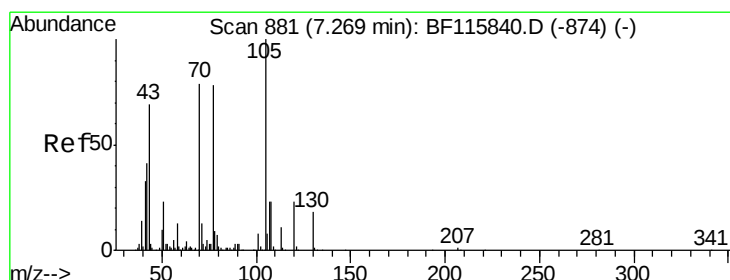
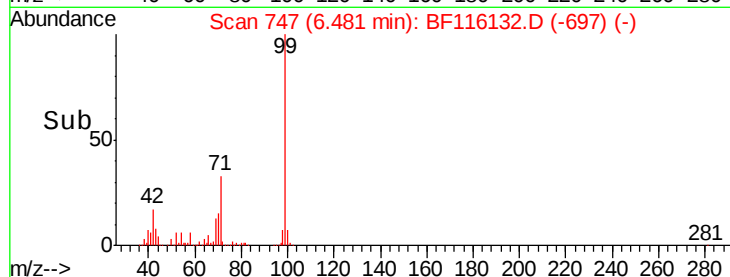
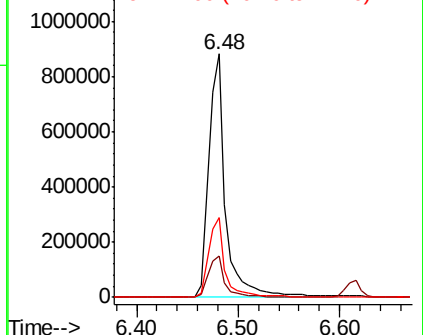
99 100

42 16.8 13.8 20.8

71 33.0 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: 17.362 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF116132.D

Acq: 10 Aug 2019 00:18

Tgt Ion: 70 Resp: 107352

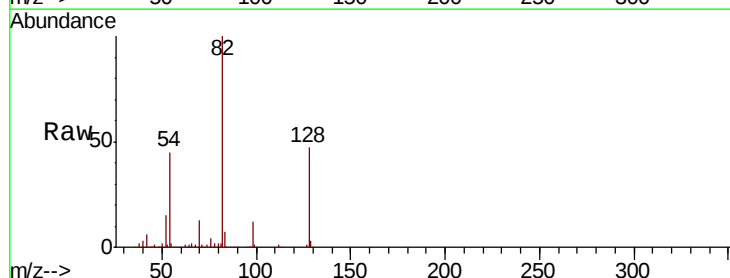
Ion Ratio Lower Upper

70 100

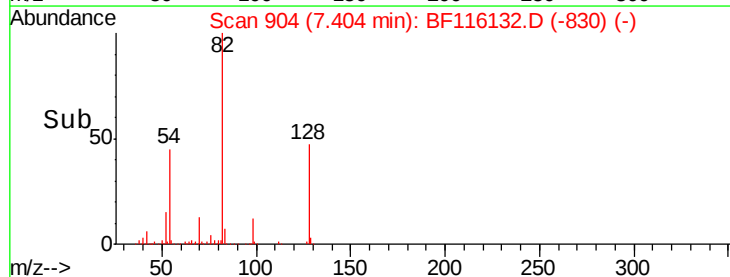
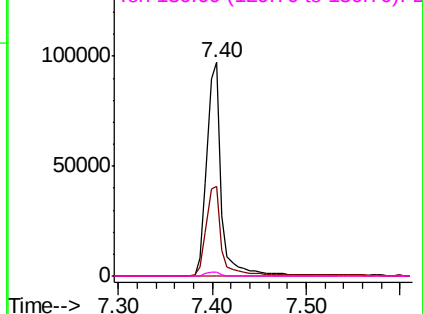
42 42.0 40.9 61.3

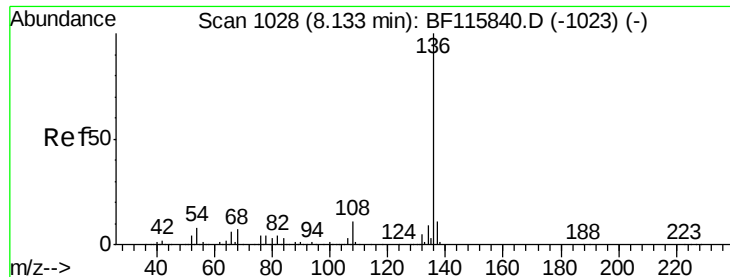
101 0.0 7.9 11.9#

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: BF116132.D

Acq: 10 Aug 2019 00:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 488639

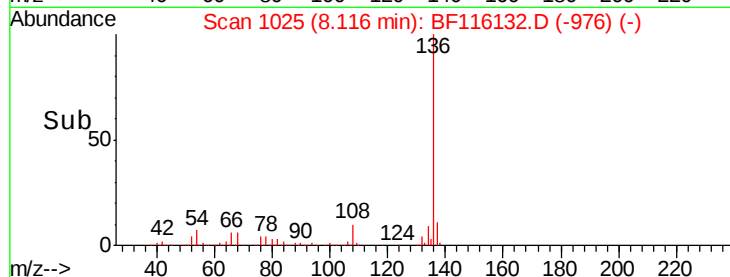
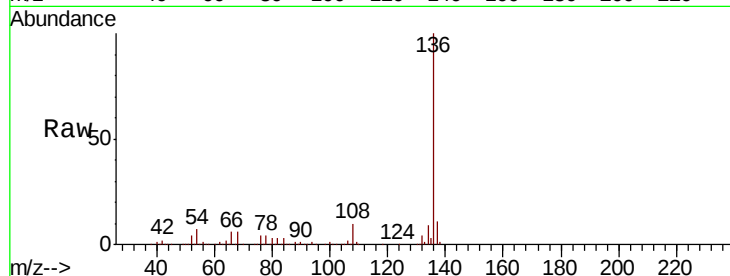
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 7.4 5.8 8.6

68 6.4 5.2 7.8

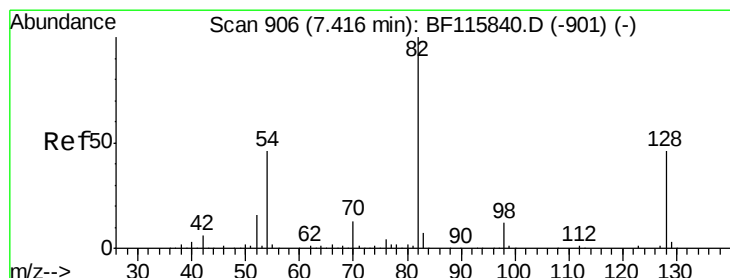
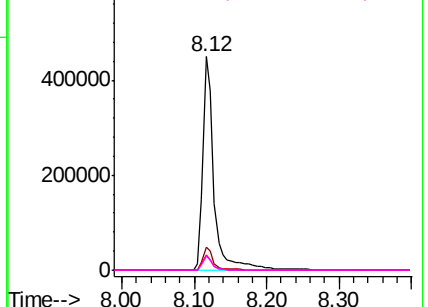


Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.335 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF116132.D

Acq: 10 Aug 2019 00:18

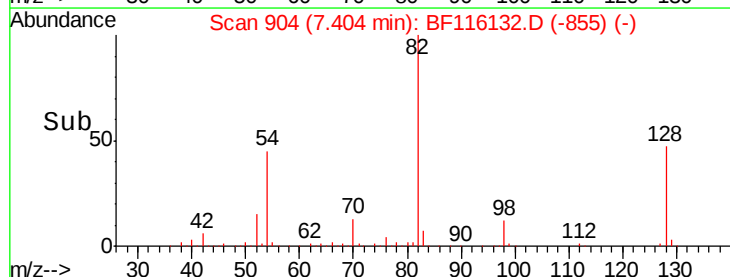
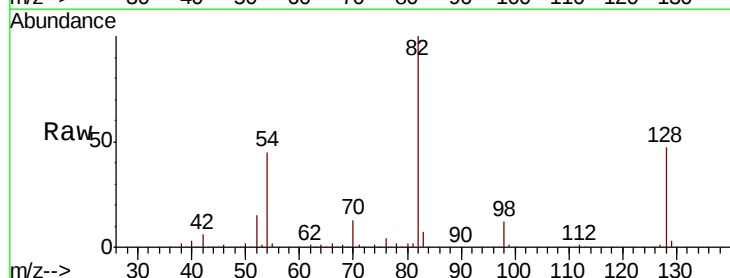
Tgt Ion: 82 Resp: 807031

Ion Ratio Lower Upper

82 100

128 46.7 36.5 54.7

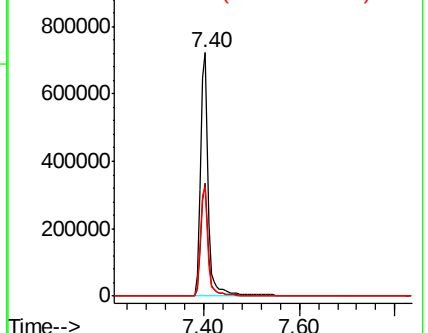
54 44.7 36.0 54.0

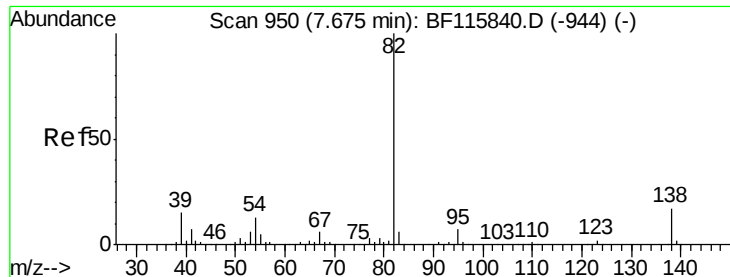


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 49.857 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.27 min

Lab File: BF116132.D

Acq: 10 Aug 2019 00:18

Instrument :

BNA_F

ClientSampleId :

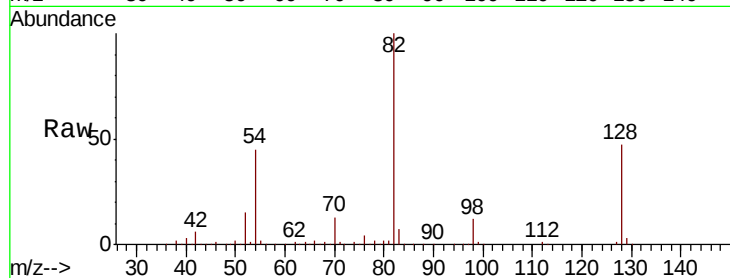
Tot Ion: 82 Resp: 807027

Ion Ratio Lower Upper

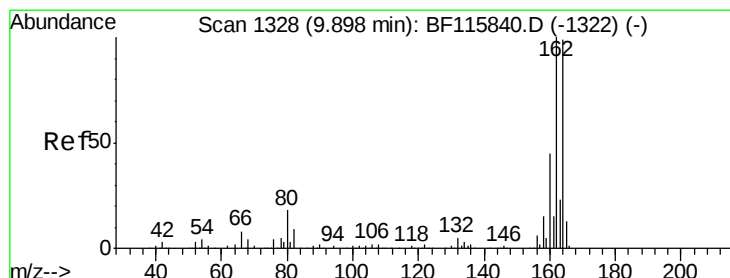
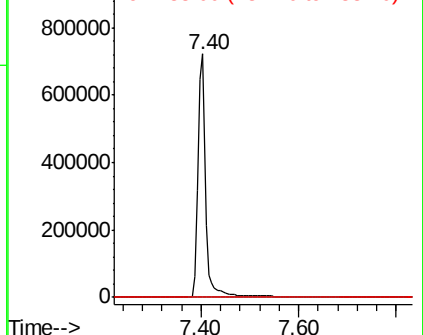
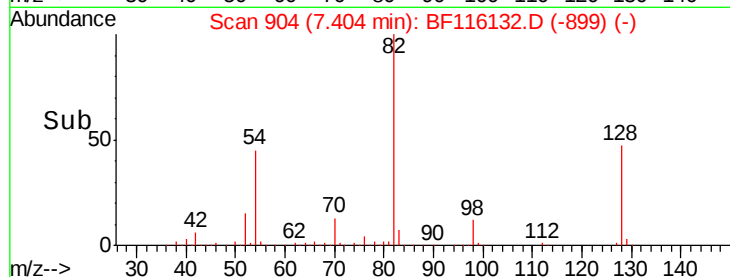
82 100

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: BF116132.D

Acq: 10 Aug 2019 00:18

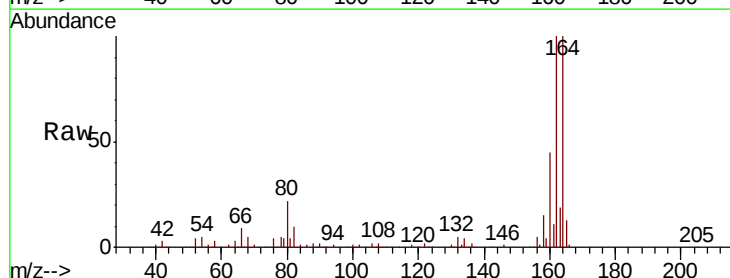
Tgt Ion: 164 Resp: 236899

Ion Ratio Lower Upper

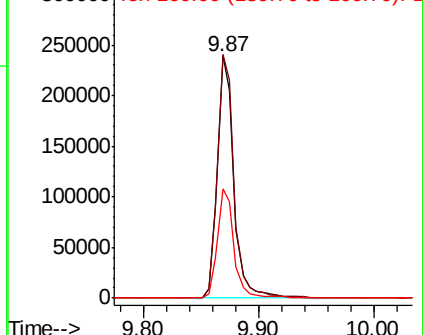
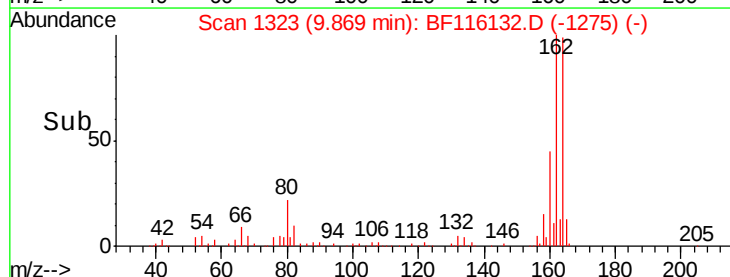
164 100

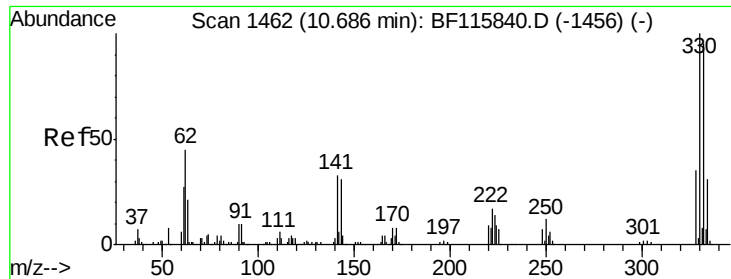
162 100.5 82.6 124.0

160 44.8 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: 124.743 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116132.D

Acq: 10 Aug 2019 00:18

Instrument :

BNA_F

ClientSampleId :

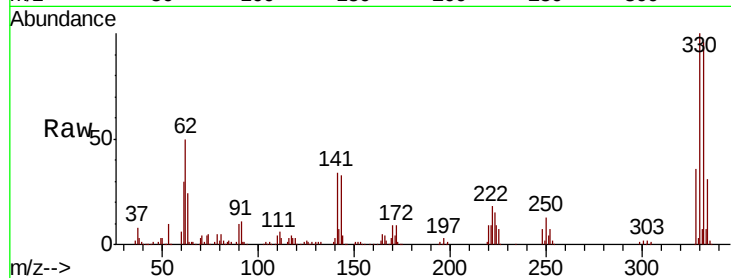
Tot Ion:330 Resp: 286510

Ion Ratio Lower Upper

330 100

332 95.0 76.8 115.2

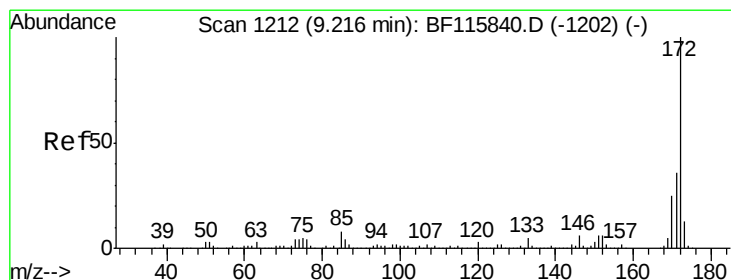
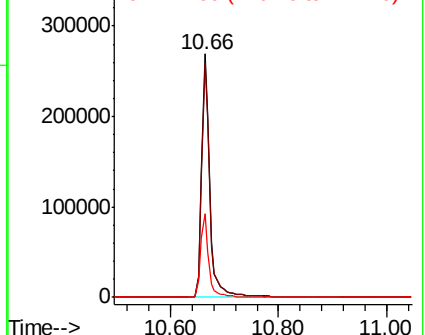
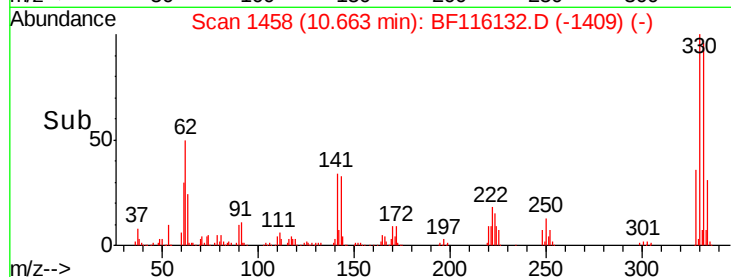
141 34.3 26.3 39.5



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: 106.582 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF116132.D

Acq: 10 Aug 2019 00:18

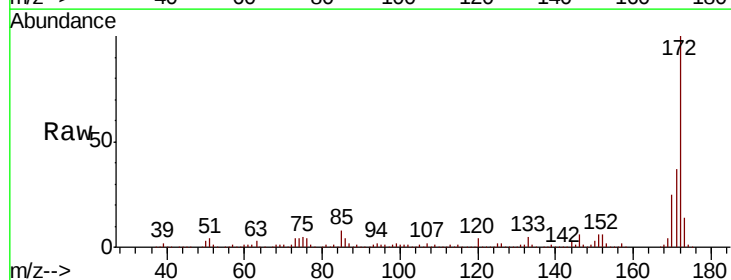
Tgt Ion:172 Resp: 1348008

Ion Ratio Lower Upper

172 100

171 37.3 29.6 44.4

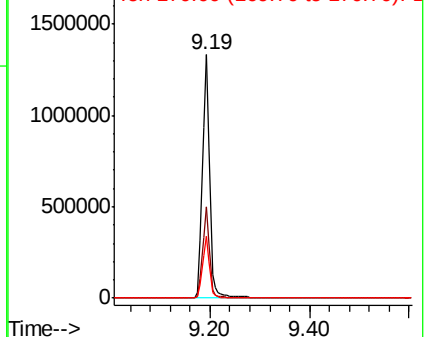
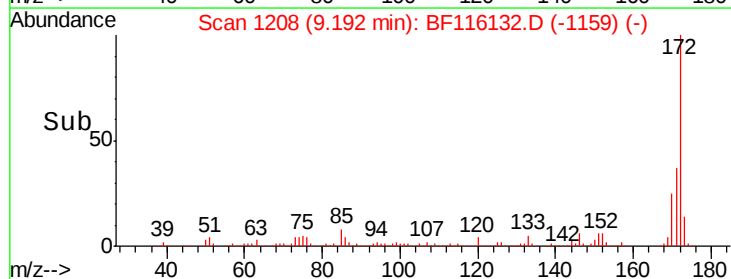
170 25.2 20.1 30.1

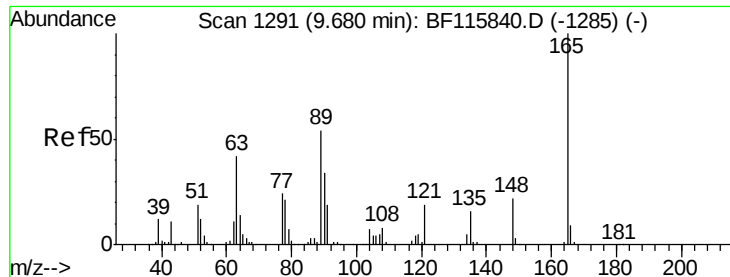


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

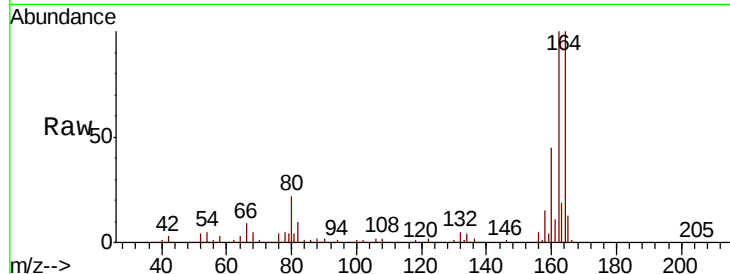




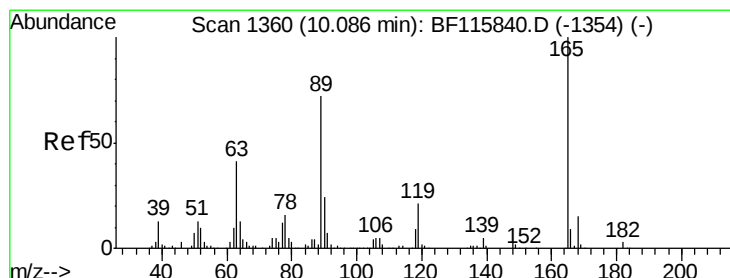
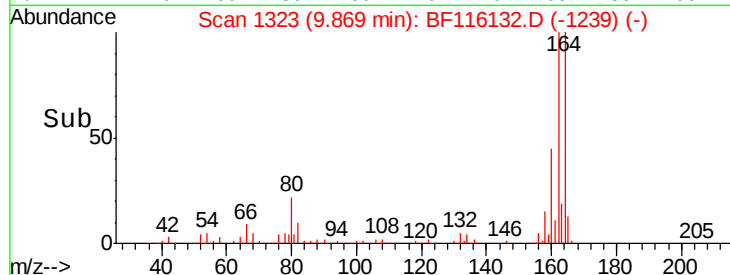
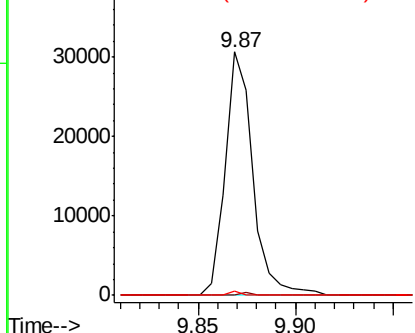
#51
 2,6-Dinitrotoluene
 Concen: 8.562 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.19 min
 Lab File: BF116132.D
 Acq: 10 Aug 2019 00:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.2	57.2#
89	1.5	42.9	64.3#



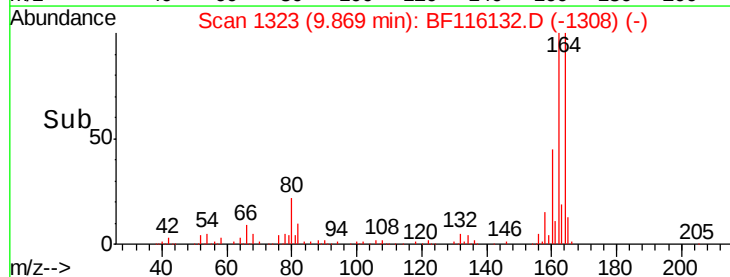
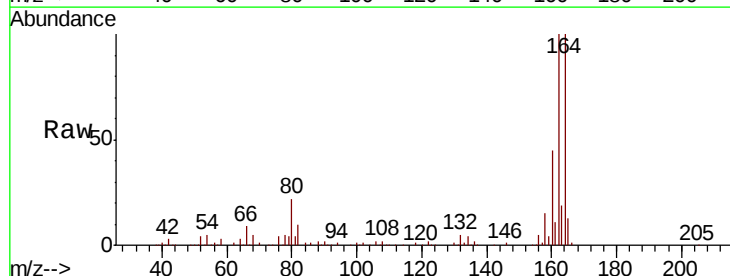
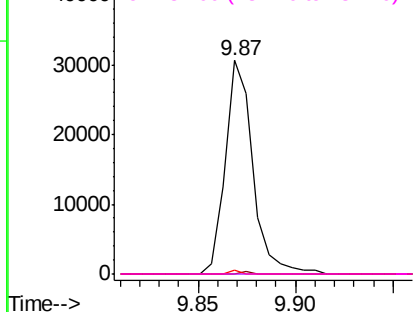
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

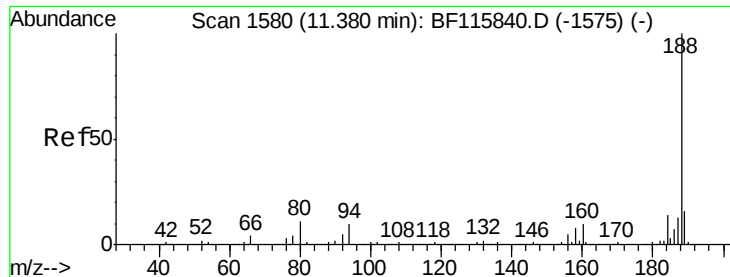


#57
 2,4-Dinitrotoluene
 Concen: 6.431 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF116132.D
 Acq: 10 Aug 2019 00:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.6	59.4#
89	1.5	62.2	93.2#
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

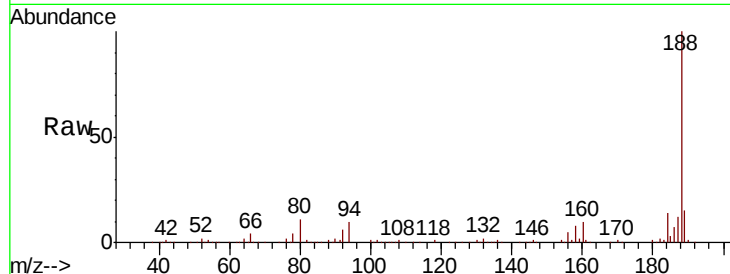




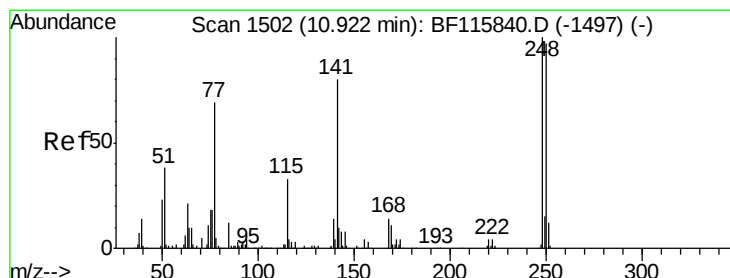
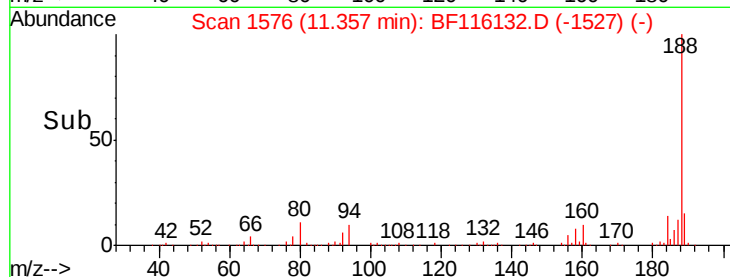
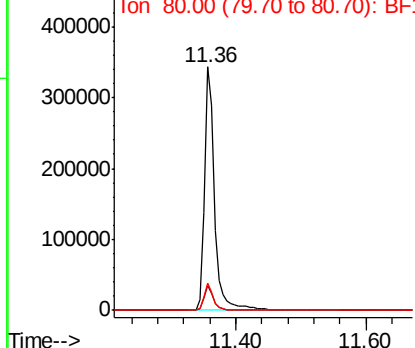
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116132.D
 Acq: 10 Aug 2019 00:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 365582
 Ion Ratio Lower Upper
 188 100
 94 10.3 8.1 12.1
 80 11.3 8.7 13.1

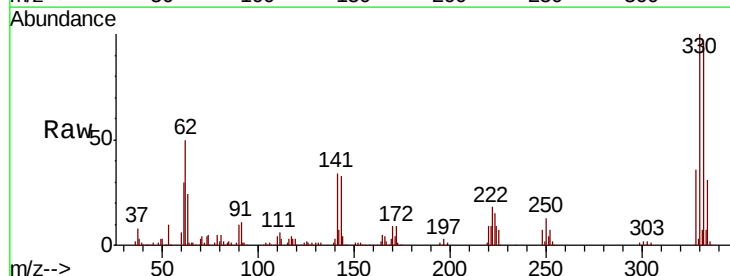


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

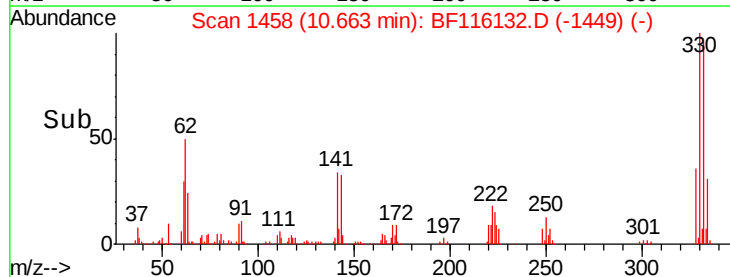
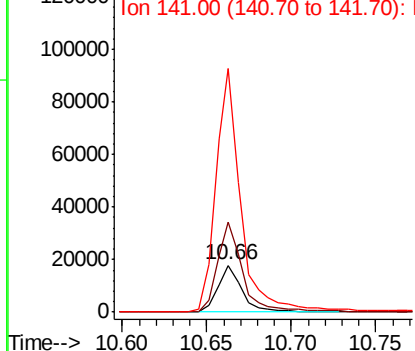


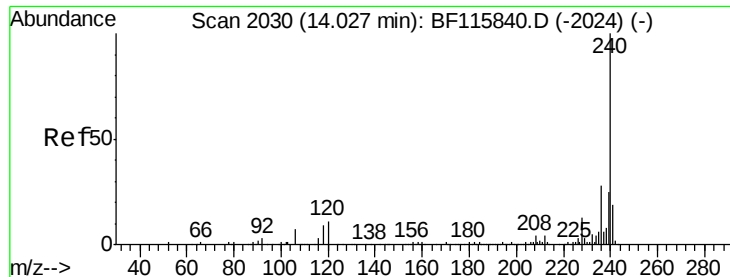
#67
 4-Bromophenyl-phenylether
 Concen: 4.533 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF116132.D
 Acq: 10 Aug 2019 00:18

Tgt Ion:248 Resp: 17742
 Ion Ratio Lower Upper
 248 100
 250 193.3 77.4 116.2#
 141 519.8 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

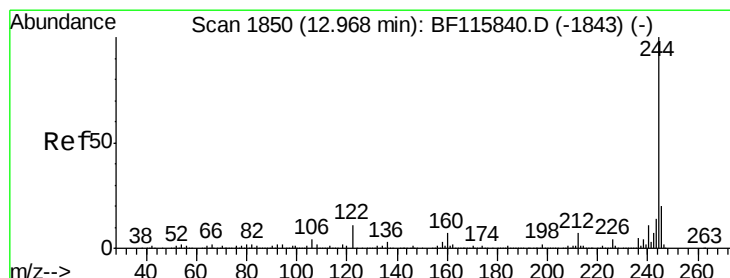
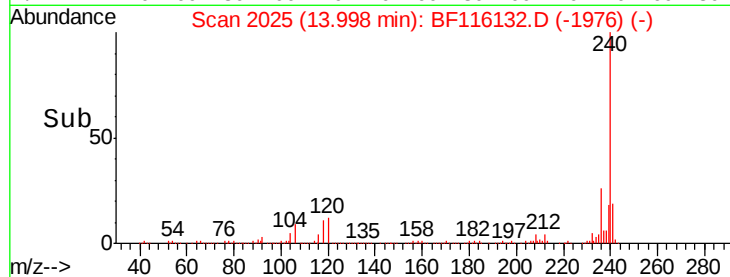
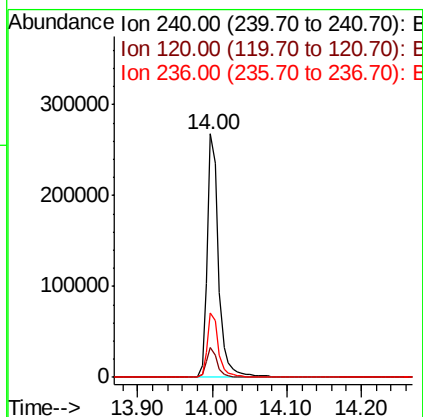
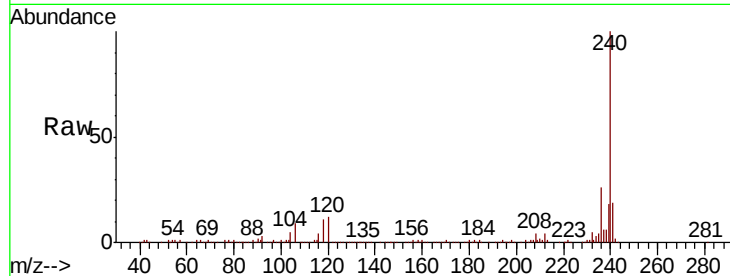




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116132.D
Acq: 10 Aug 2019 00:18

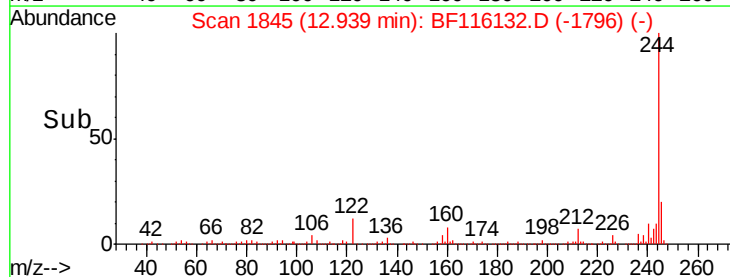
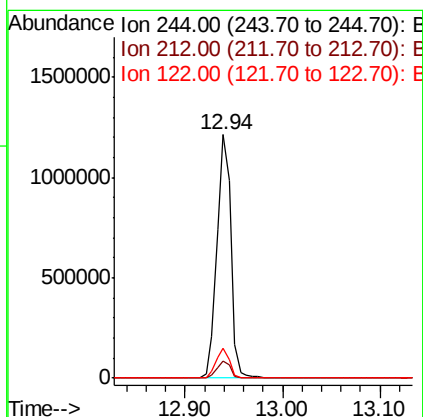
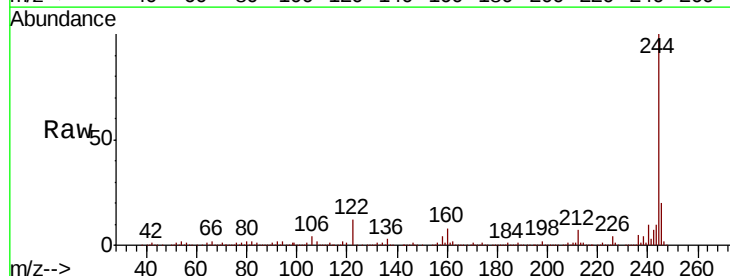
Instrument :
BNA_F
ClientSampleId :

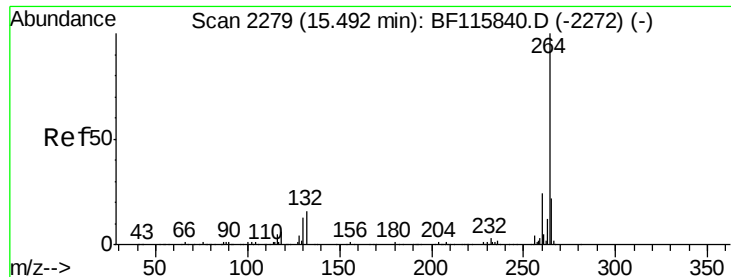
Tot Ion:240 Resp: 283743
Ion Ratio Lower Upper
240 100
120 12.1 10.7 16.1
236 26.5 22.2 33.2



#79
Terphenyl-d14
Concen: 89.744 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF116132.D
Acq: 10 Aug 2019 00:18

Tgt Ion:244 Resp: 1208453
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 12.4 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: BF116132.D
Acq: 10 Aug 2019 00:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	21.4	17.4	26.0

