

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
 Data File : BF116115.D
 Acq On : 9 Aug 2019 16:06
 Operator : HP/JU
 Sample : K4148-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 10 02:13:41 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

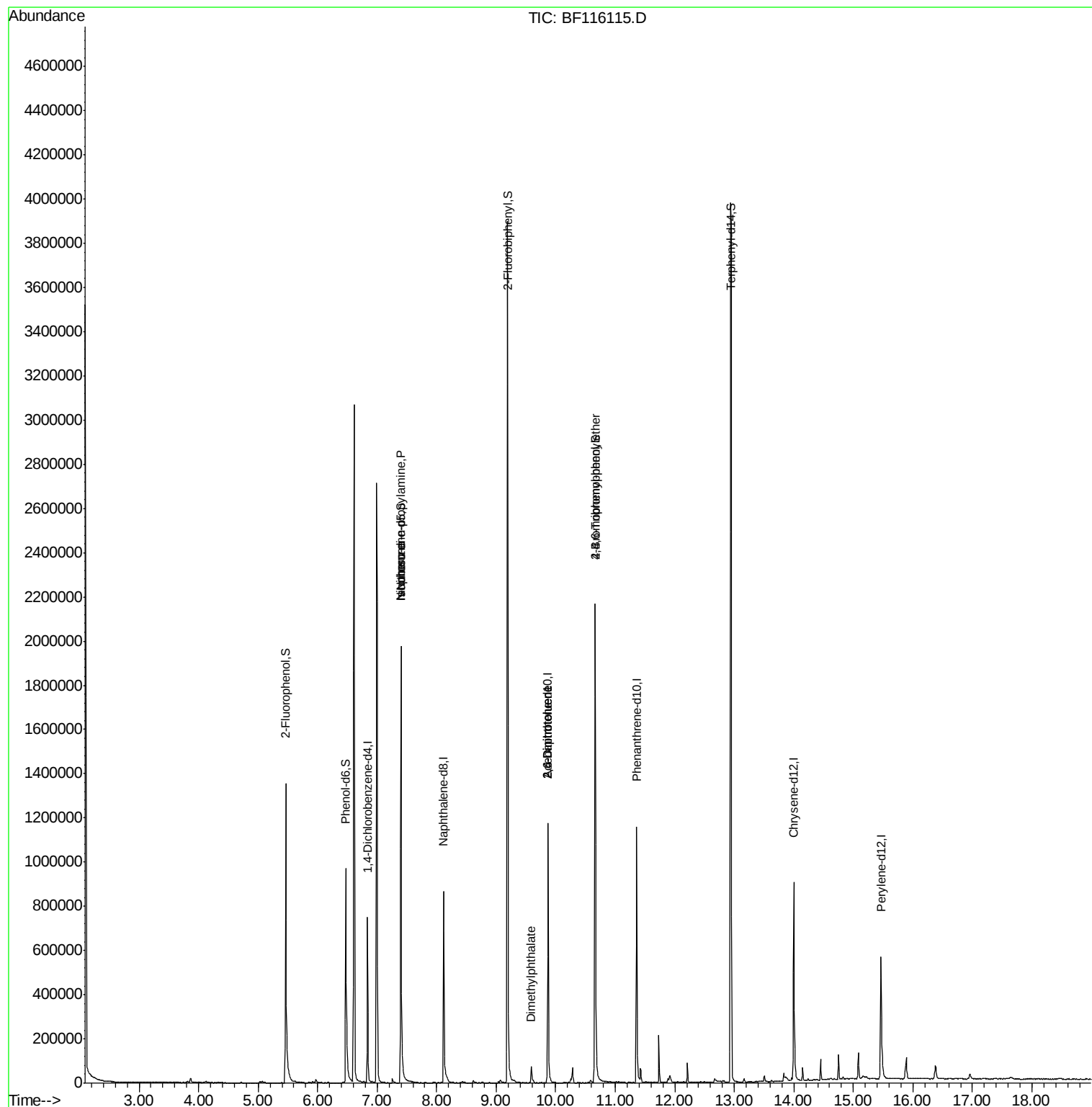
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	120902	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	470611	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	253237	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	468723	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	353261	20.00	ng	-0.01
87) Perylene-d12	15.46	264	288803	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	484655	67.11	ng	0.00
7) Phenol-d6	6.47	99	460141	50.50	ng	-0.01
23) Nitrobenzene-d5	7.40	82	769642	94.40	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	313834	127.82	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1291867	95.55	ng	-0.01
79) Terphenyl-d14	12.95	244	1594876	95.13	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	102153	18.092	ng	# 80
25) Isophorone	7.40	82	769638	49.369	ng	# 65
50) Dimethylphthalate	9.59	163	46969	2.724	ng	# 99
51) 2,6-Dinitrotoluene	9.87	165	31570	8.425	ng	# 29
57) 2,4-Dinitrotoluene	9.87	165	31571	6.328	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	19082	3.803	ng	# 1

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

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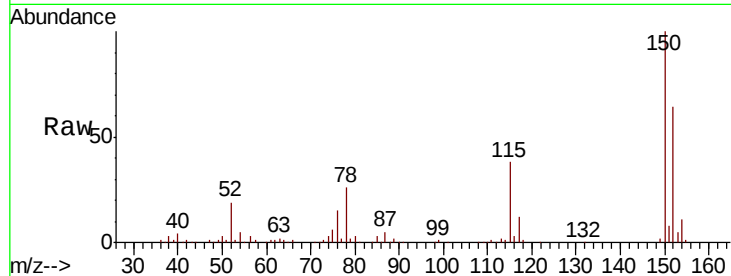


#1

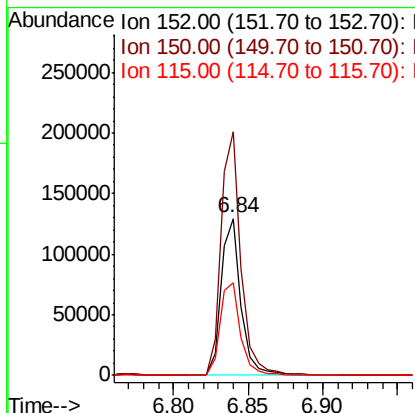
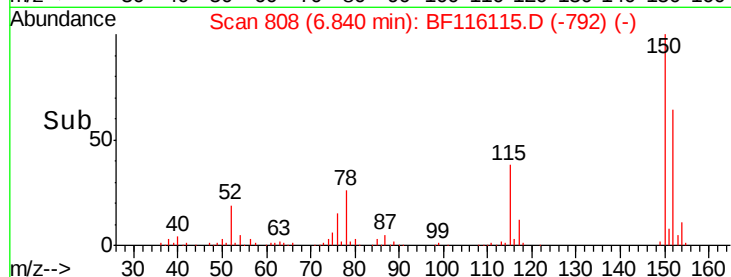
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116115.D
Acq: 9 Aug 2019 16:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 120902
Ion Ratio Lower Upper
152 100
150 155.1 126.2 189.2
115 58.9 49.9 74.9



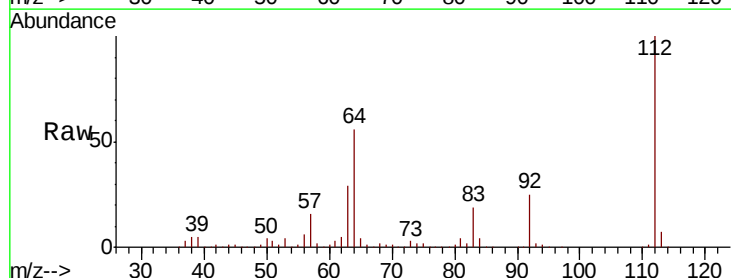
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



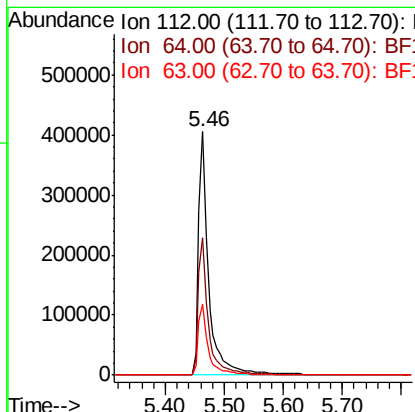
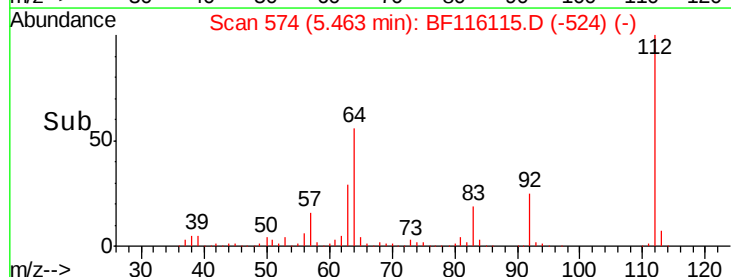
#5

2-Fluorophenol
Concen: 67.107 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF116115.D
Acq: 9 Aug 2019 16:06

Tgt Ion:112 Resp: 484655
Ion Ratio Lower Upper
112 100
64 56.3 45.4 68.2
63 28.9 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: 50.499 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116115.D

Acq: 9 Aug 2019 16:06

Instrument :

BNA_F

ClientSampled :

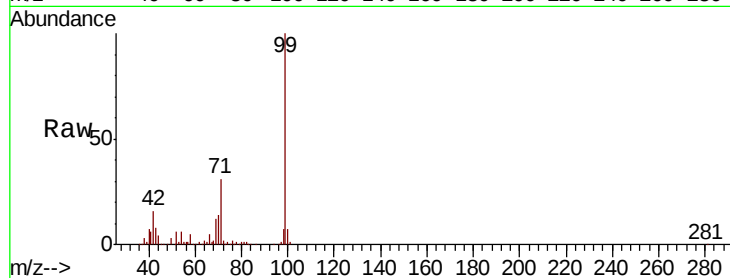
Tot Ion: 99 Resp: 460141

Ion Ratio Lower Upper

99 100

42 16.1 13.8 20.8

71 31.4 27.3 40.9

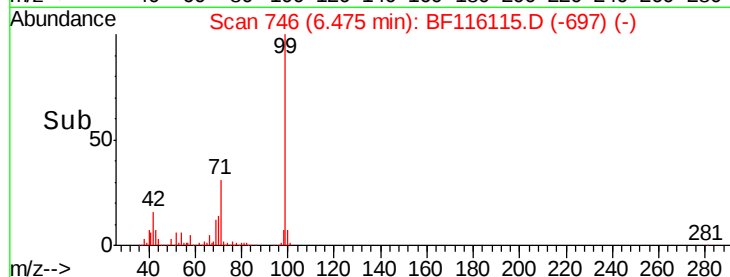
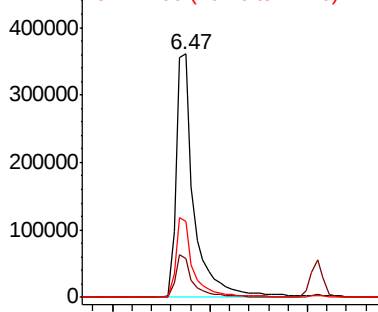


Abundance

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: 18.092 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.13 min

Lab File: BF116115.D

Acq: 9 Aug 2019 16:06

Tgt Ion: 70 Resp: 102153

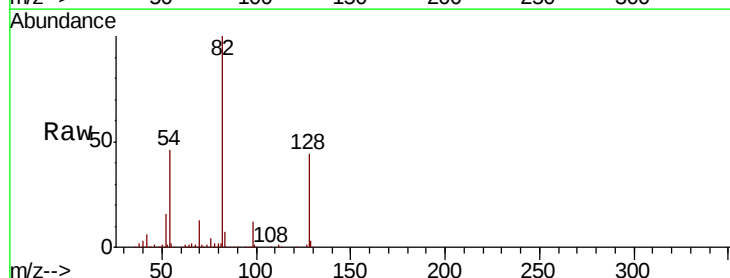
Ion Ratio Lower Upper

70 100

42 44.1 40.9 61.3

101 0.0 7.9 11.9#

130 2.2 16.9 25.3#



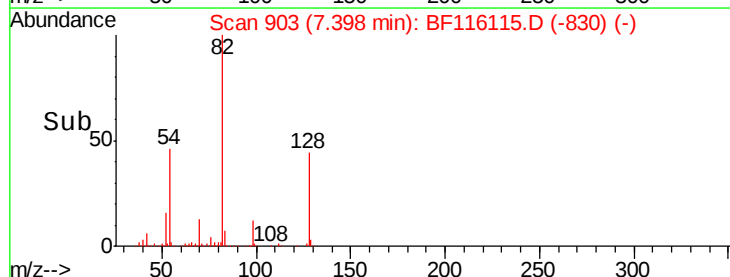
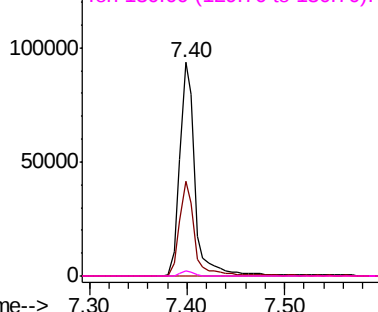
Abundance

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

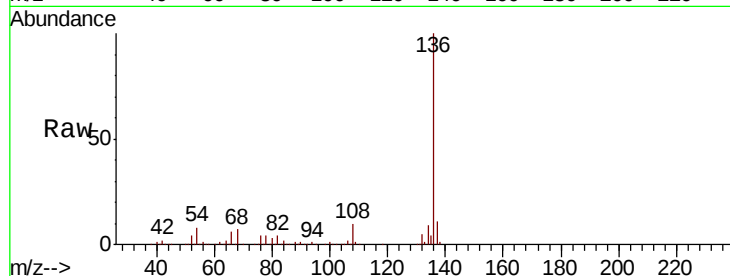




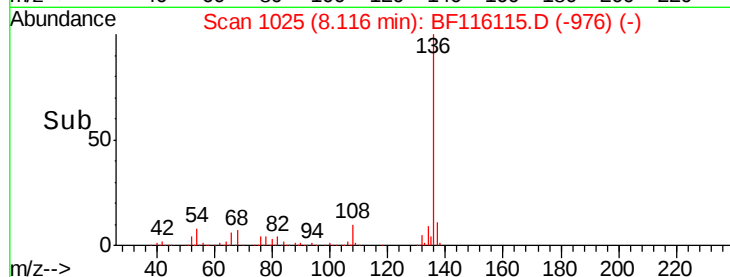
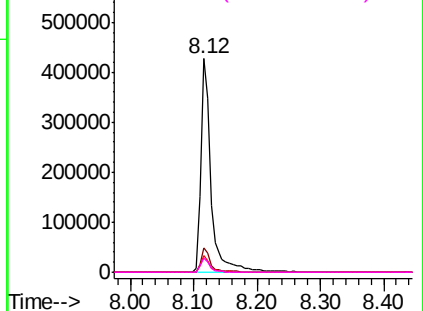
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116115.D
Acq: 9 Aug 2019 16:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	470611
Ion	Ratio	Lower Upper
136	100	
137	11.3	9.0 13.4
54	7.6	5.8 8.6
68	6.5	5.2 7.8

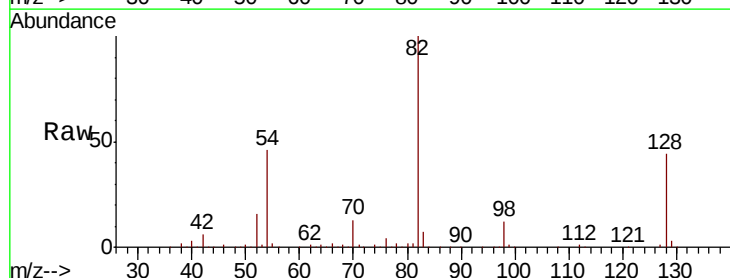


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

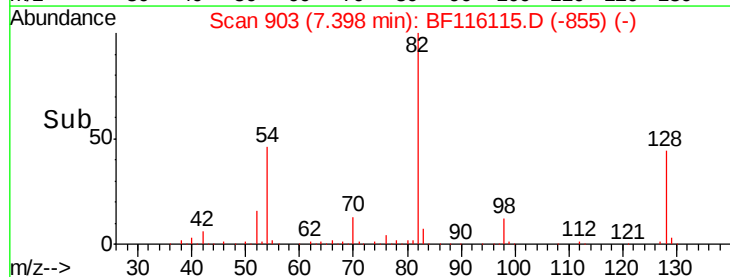
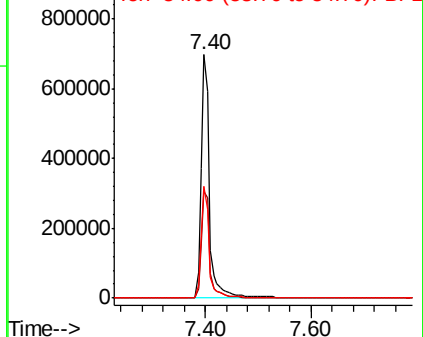


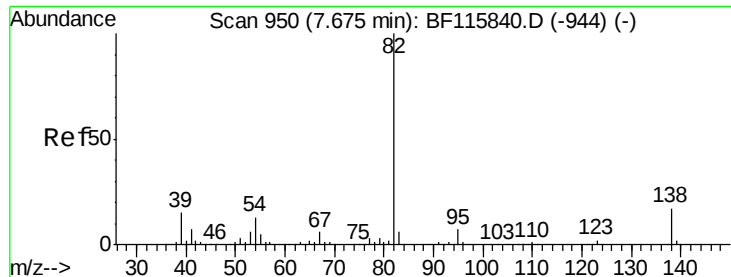
#23
Nitrobenzene-d5
Concen: 94.401 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116115.D
Acq: 9 Aug 2019 16:06

Tgt Ion: 82	Resp:	769642
Ion	Ratio	Lower Upper
82	100	
128	44.1	36.5 54.7
54	45.8	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: 49.369 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF116115.D

Acq: 9 Aug 2019 16:06

Instrument :

BNA_F

ClientSampled :

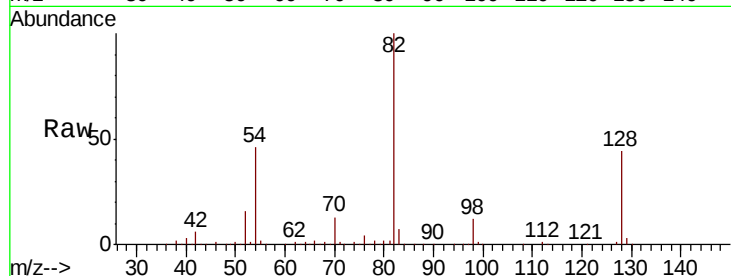
Tot Ion: 82 Resp: 769638

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

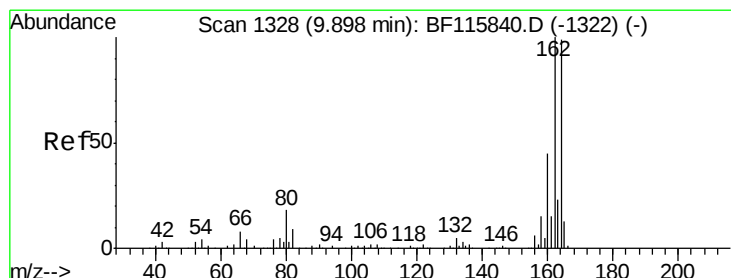
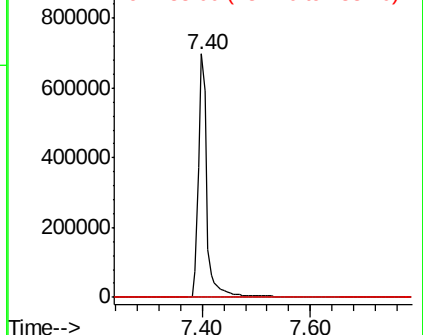
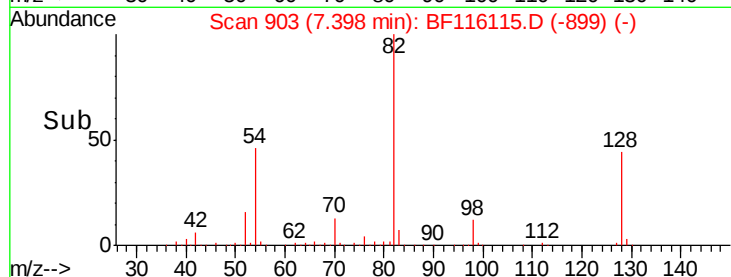
138 0.0 14.5 21.7#



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: BF116115.D

Acq: 9 Aug 2019 16:06

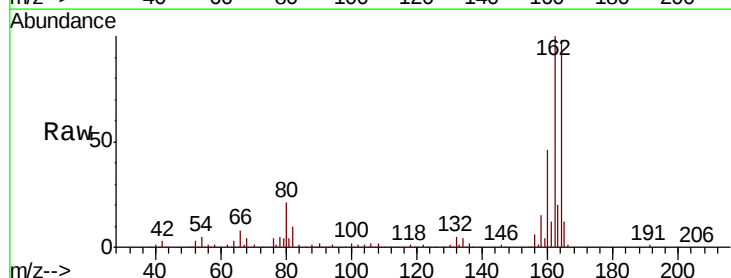
Tgt Ion:164 Resp: 253237

Ion Ratio Lower Upper

164 100

162 102.2 82.6 124.0

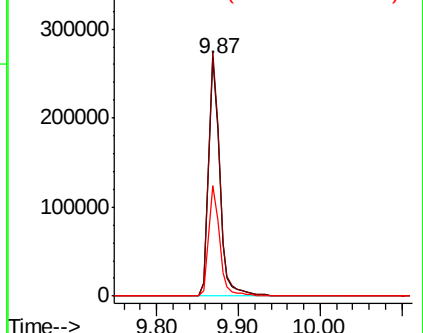
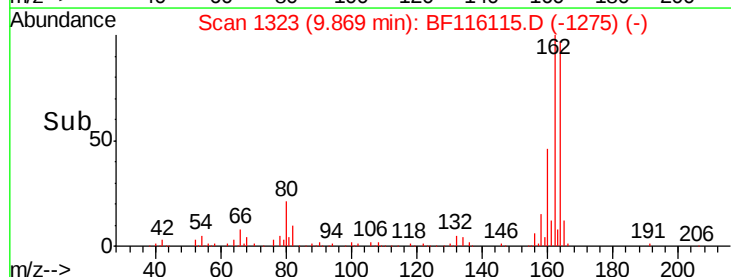
160 46.6 37.6 56.4



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: 127.824 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116115.D

Acq: 9 Aug 2019 16:06

Instrument :

BNA_F

ClientSampleId :

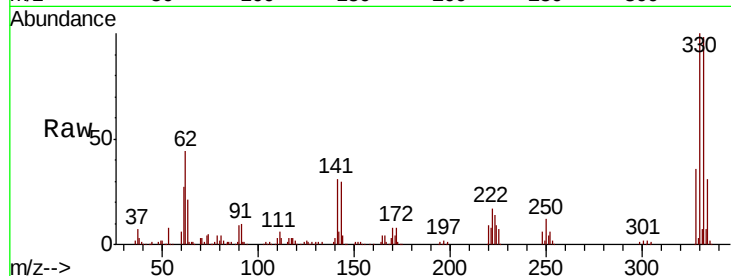
Tot Ion:330 Resp: 313834

Ion Ratio Lower Upper

330 100

332 97.6 76.8 115.2

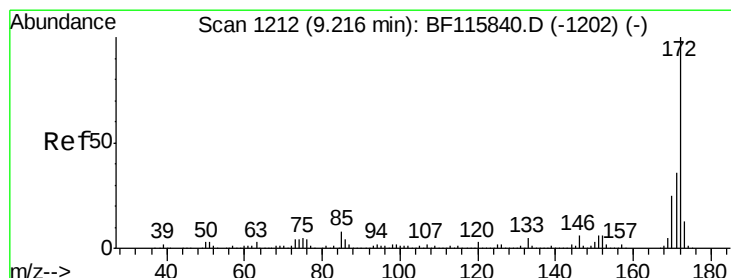
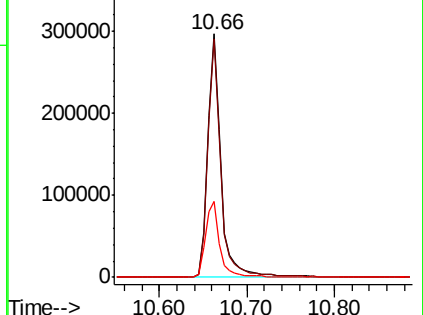
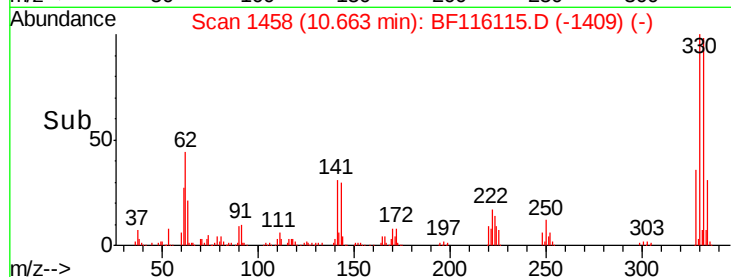
141 34.0 26.3 39.5



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: 95.553 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF116115.D

Acq: 9 Aug 2019 16:06

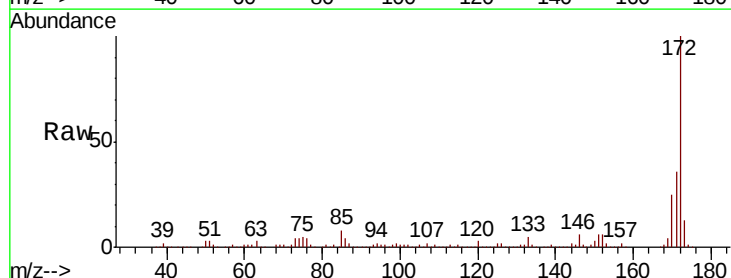
Tgt Ion:172 Resp: 1291867

Ion Ratio Lower Upper

172 100

171 36.3 29.6 44.4

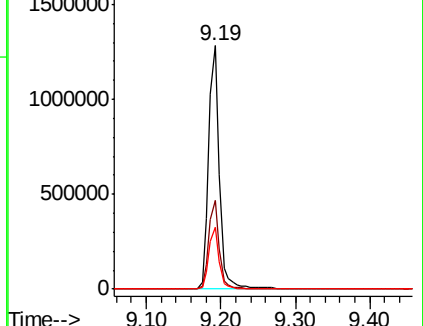
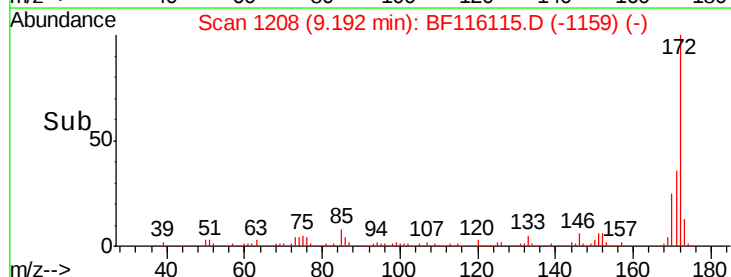
170 25.3 20.1 30.1

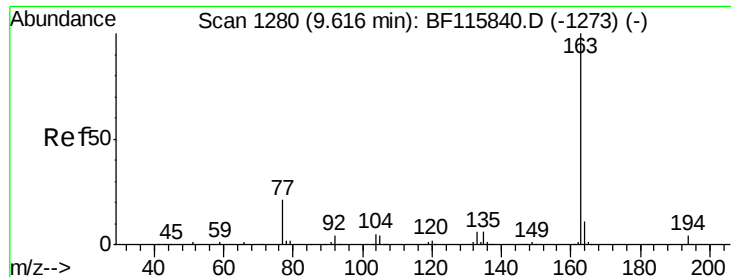


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.724 ng

RT: 9.59 min Scan# 1276

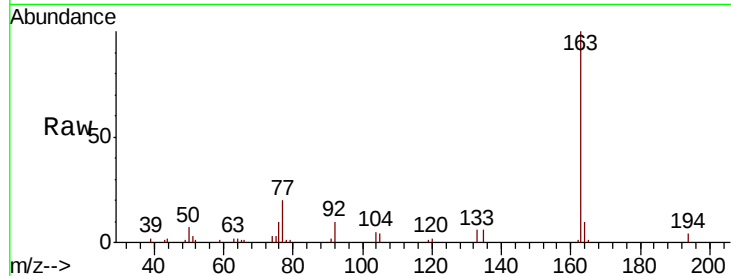
Delta R.T. -0.01 min

Lab File: BF116115.D

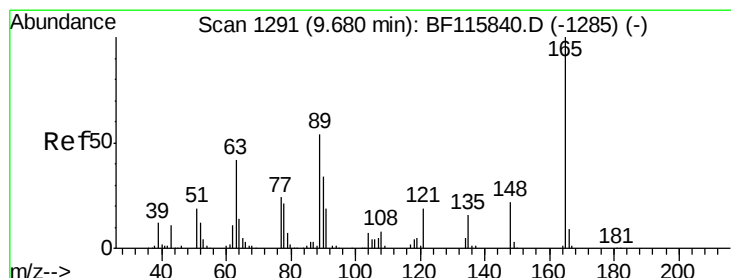
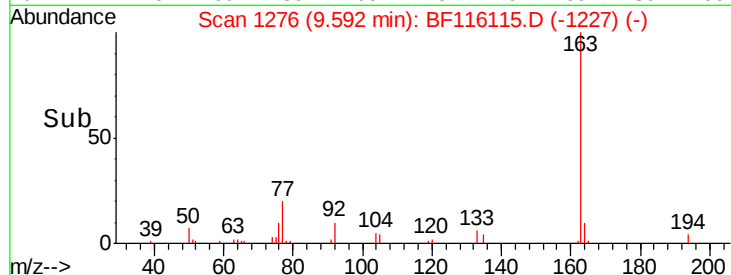
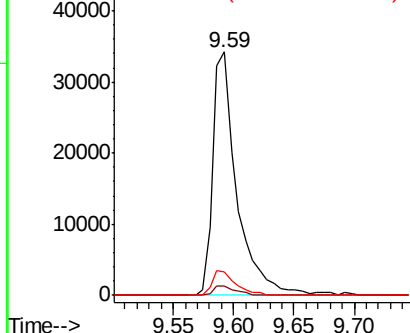
Acq: 9 Aug 2019 16:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163	Resp:	46969
Ion Ratio	Lower	Upper
163	100	
194	3.7	3.0 4.6
164	9.9	8.4 12.6



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



#51

2,6-Dinitrotoluene

Concen: 8.425 ng

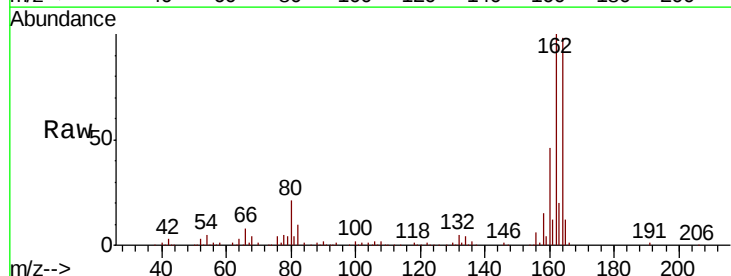
RT: 9.87 min Scan# 1323

Delta R.T. 0.19 min

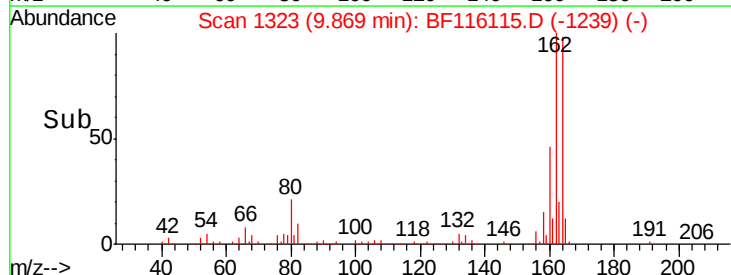
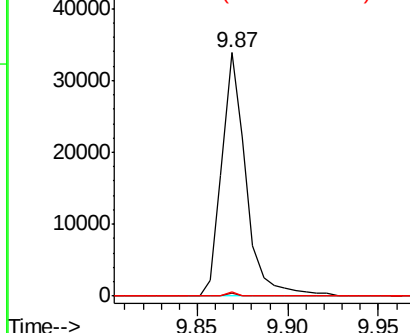
Lab File: BF116115.D

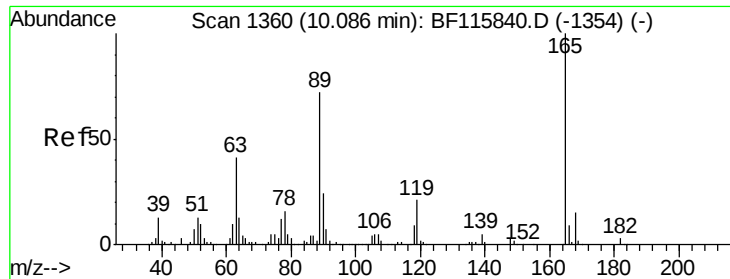
Acq: 9 Aug 2019 16:06

Tgt Ion:165	Resp:	31570
Ion Ratio	Lower	Upper
165	100	
63	1.1	38.2 57.2#
89	1.6	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

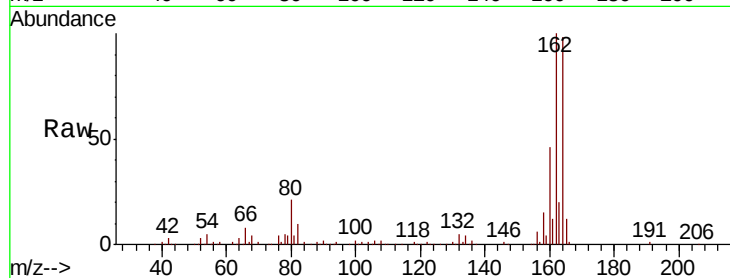




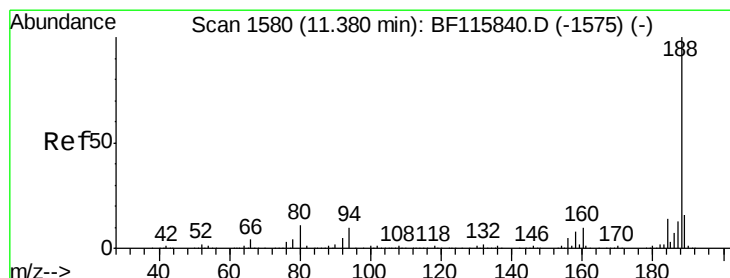
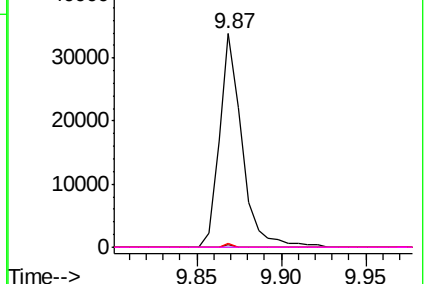
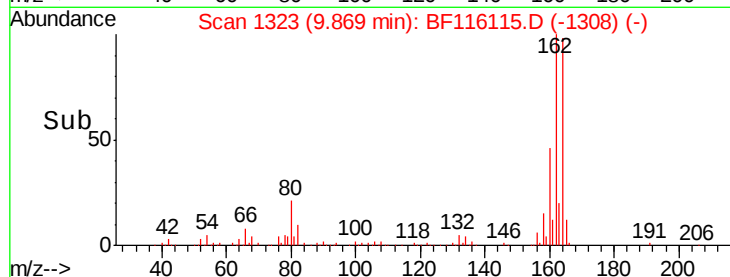
#57
 2,4-Dinitrotoluene
 Concen: 6.328 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF116115.D
 Acq: 9 Aug 2019 16:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 31571
 Ion Ratio Lower Upper
 165 100
 63 1.1 39.6 59.4#
 89 1.6 62.2 93.2#
 182 0.0 2.1 3.1#

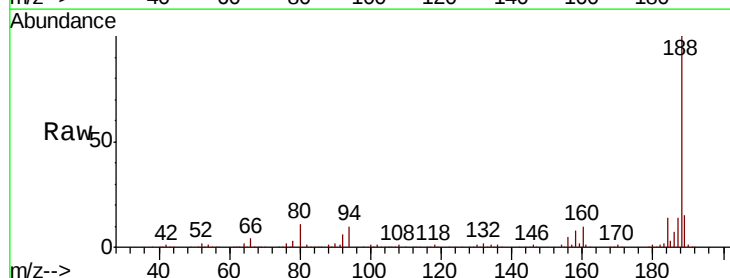


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

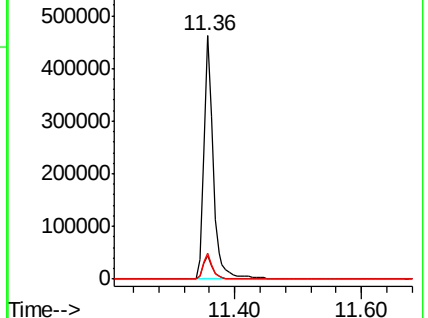
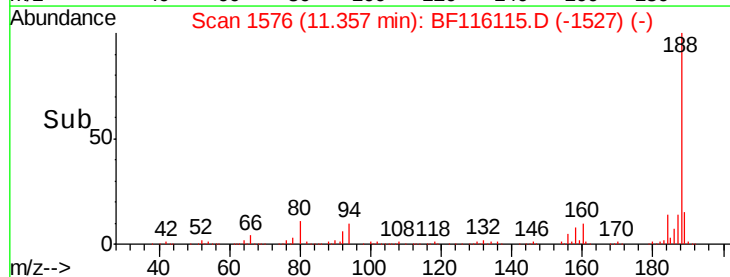


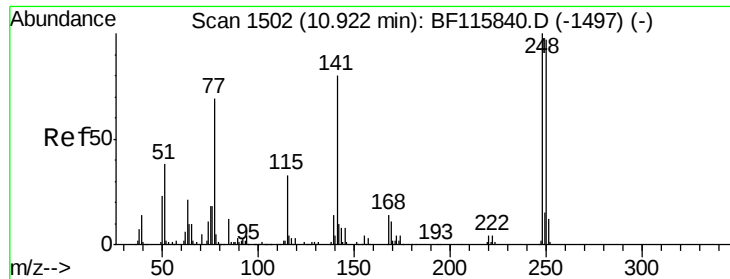
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116115.D
 Acq: 9 Aug 2019 16:06

Tgt Ion:188 Resp: 468723
 Ion Ratio Lower Upper
 188 100
 94 9.8 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

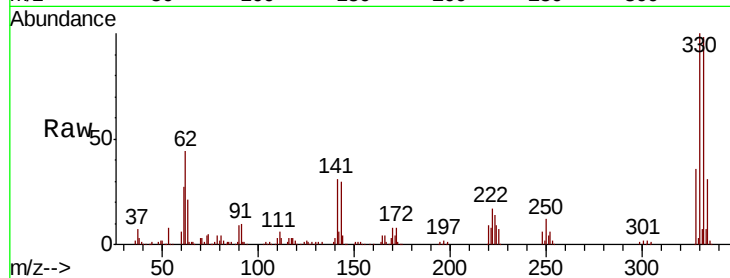




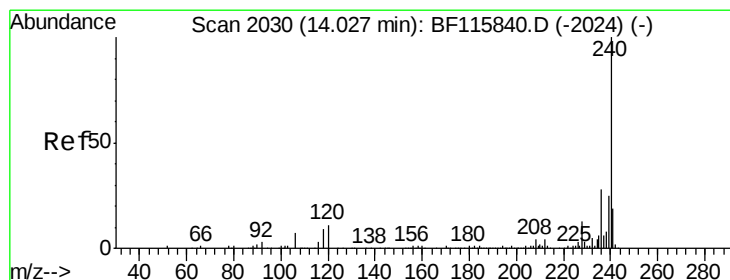
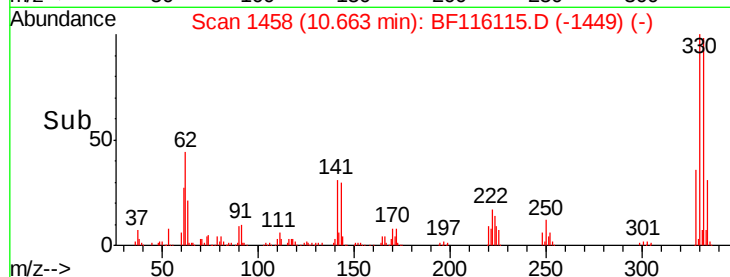
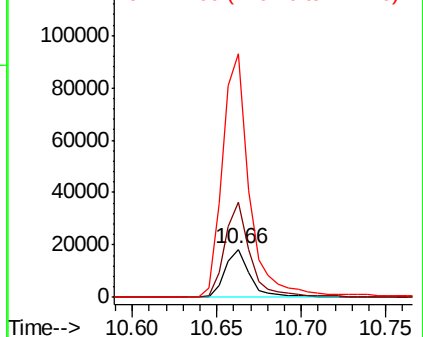
#67
4-Bromophenyl-phenylether
Concen: 3.803 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF116115.D
Acq: 9 Aug 2019 16:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 19082
Ion Ratio Lower Upper
248 100
250 197.9 77.4 116.2#
141 507.4 56.8 85.2#

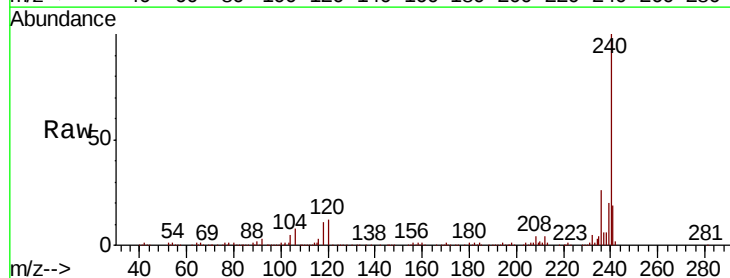


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

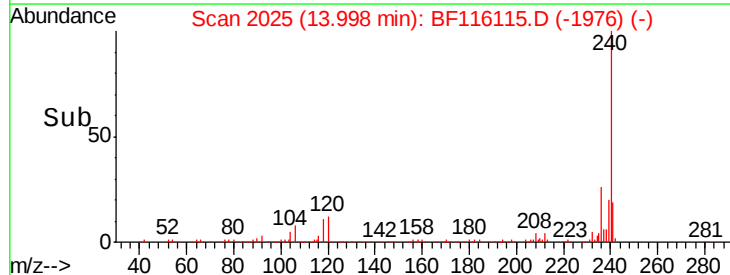
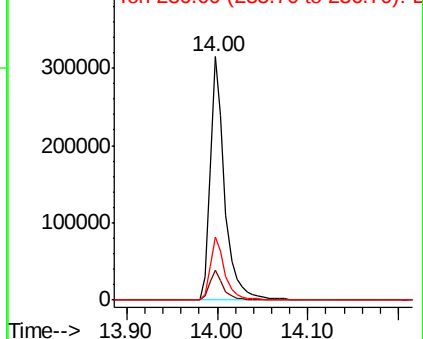


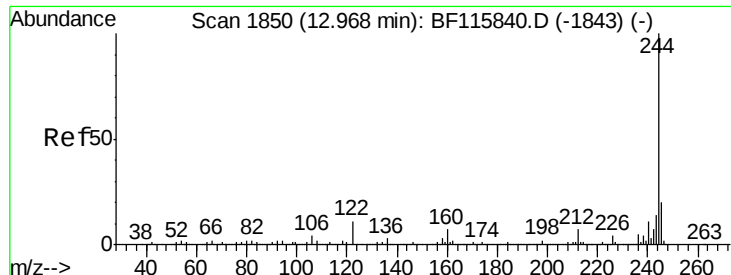
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116115.D
Acq: 9 Aug 2019 16:06

Tgt Ion:240 Resp: 353261
Ion Ratio Lower Upper
240 100
120 12.2 10.7 16.1
236 26.1 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: 95.133 ng

RT: 12.95 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116115.D

Acq: 9 Aug 2019 16:06

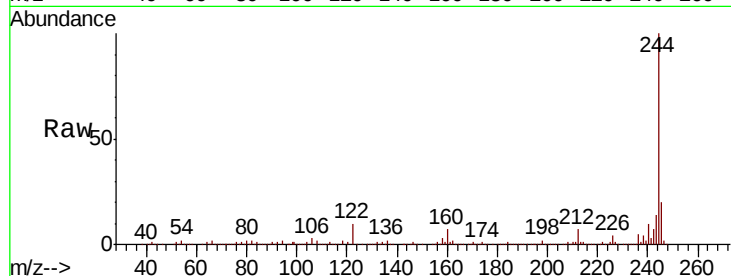
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1594876

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	10.4	9.0	13.4

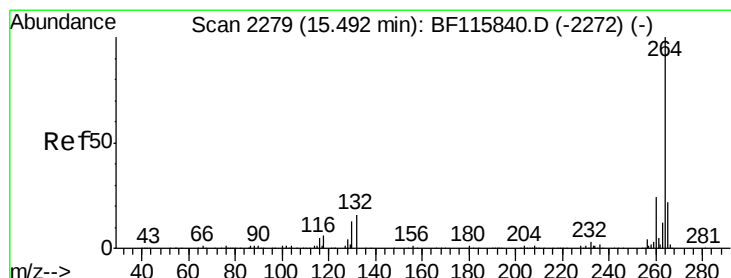
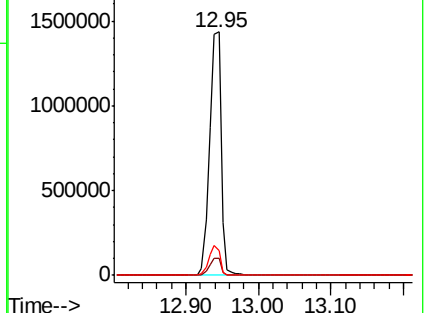
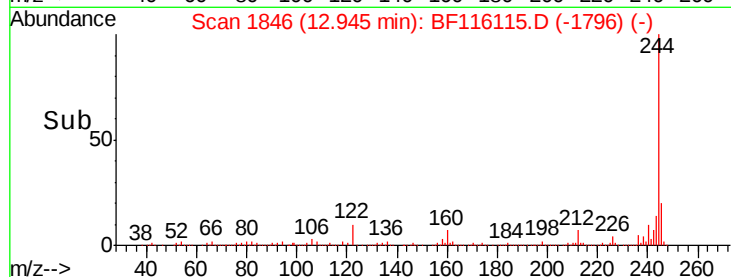


Abundance

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

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2274

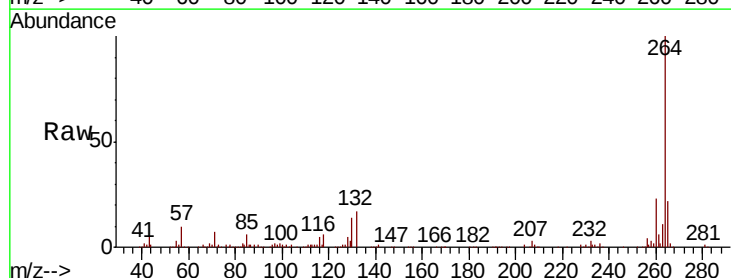
Delta R.T. -0.01 min

Lab File: BF116115.D

Acq: 9 Aug 2019 16:06

Tgt Ion:264 Resp: 288803

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.7	29.5
265	21.8	17.4	26.0



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

