

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072719\
 Data File : BF115821.D
 Acq On : 27 Jul 2019 10:56
 Operator : HP/JU
 Sample : K4000-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 29 00:58:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

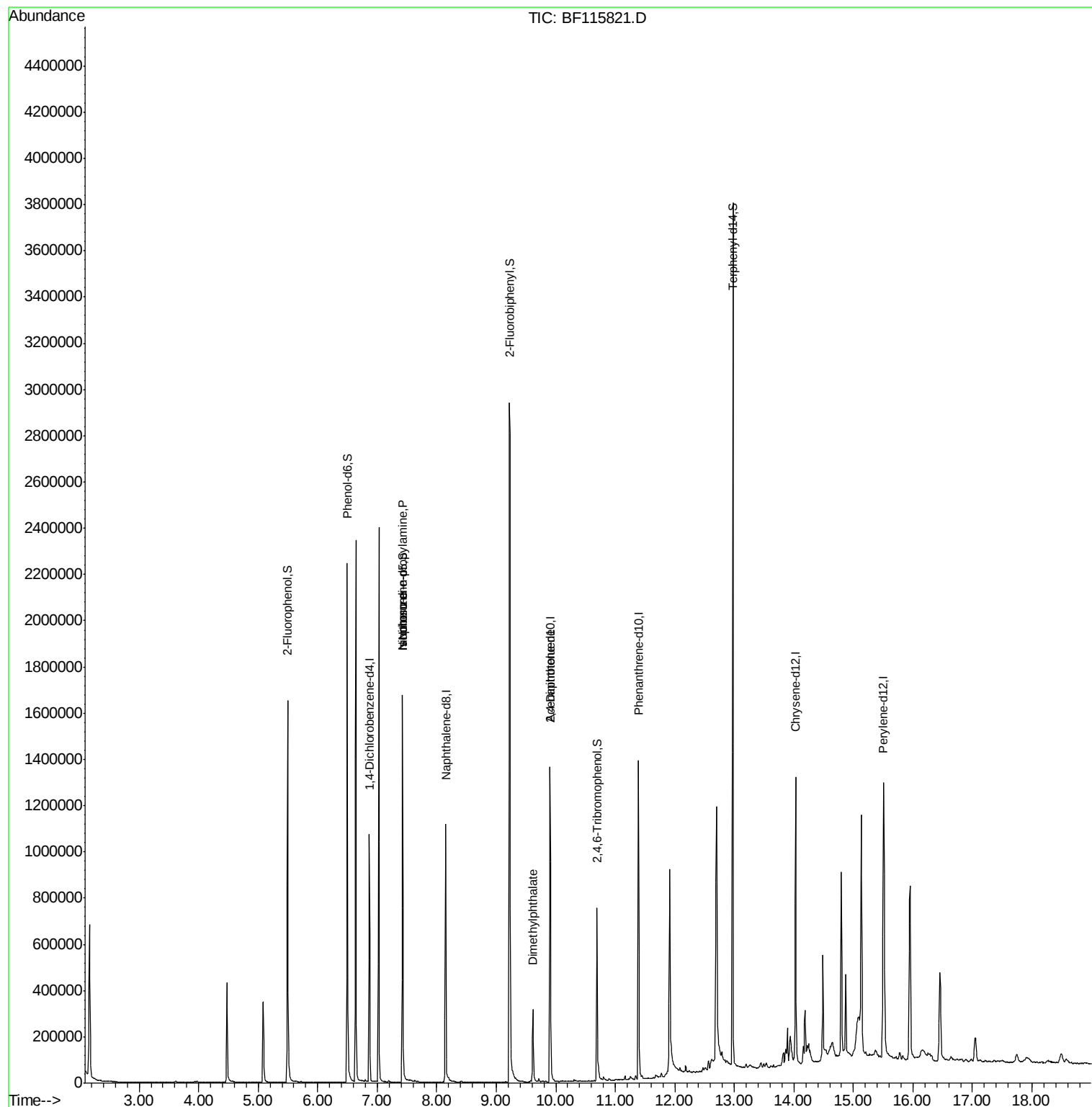
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	143315	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	555950	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	307455	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	553635	20.00	ng	0.00
76) Chrysene-d12	14.03	240	417286	20.00	ng	0.00
87) Perylene-d12	15.50	264	387306	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	499678	57.03	ng	0.00
7) Phenol-d6	6.50	99	822483	73.98	ng	0.00
23) Nitrobenzene-d5	7.43	82	563984	58.99	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	106307	29.62	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1126378	64.12	ng	0.00
79) Terphenyl-d14	12.97	244	1281684	56.67	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	76801	10.592	ng	# 78
25) Isophorone	7.43	82	563980	29.478	ng	# 65
50) Dimethylphthalate	9.62	163	152420	6.589	ng	99
57) 2,4-Dinitrotoluene	9.90	165	39500	5.800	ng	# 24

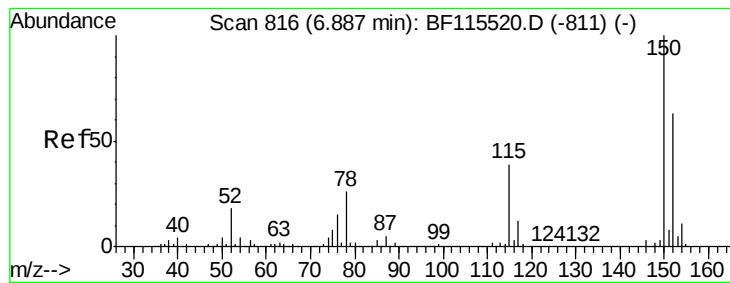
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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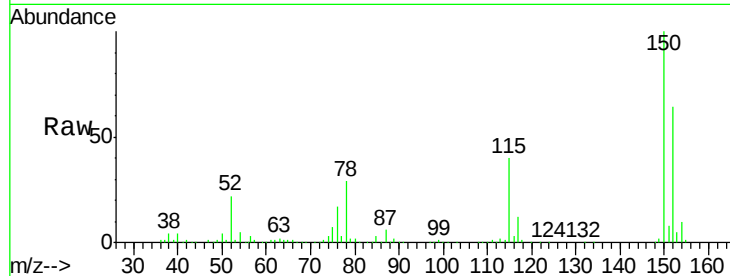


#1

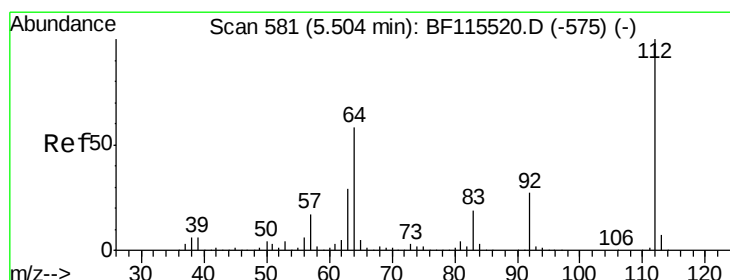
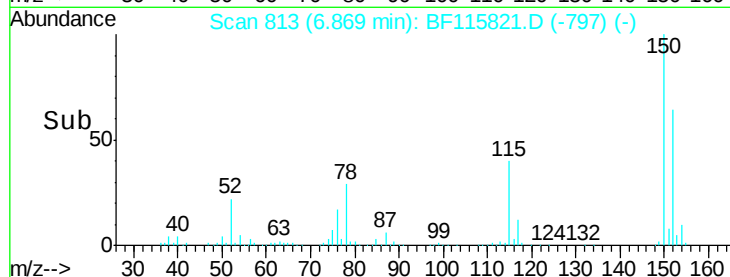
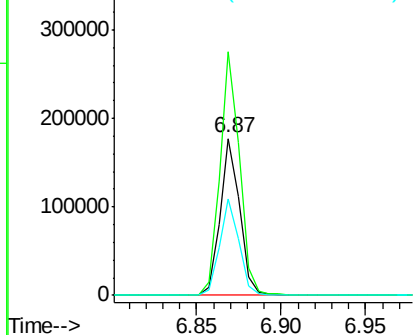
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF115821.D
 Acq: 27 Jul 2019 10:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 143315
 Ion Ratio Lower Upper
 152 100
 150 155.1 126.6 189.8
 115 61.7 47.8 71.6



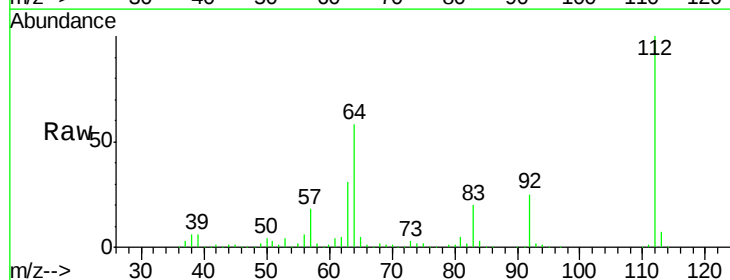
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



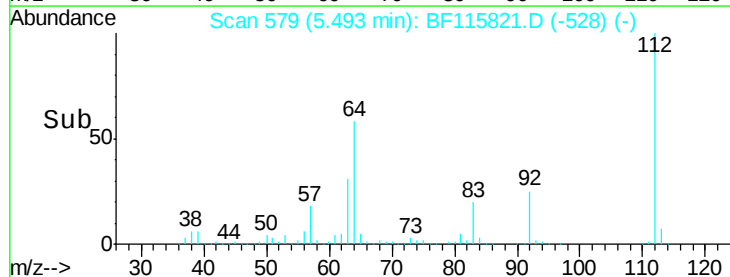
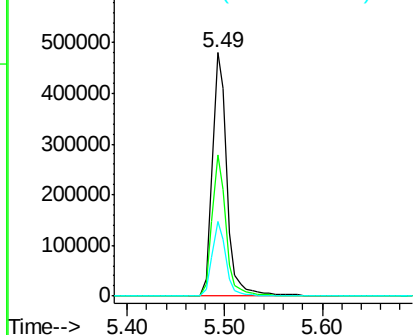
#5

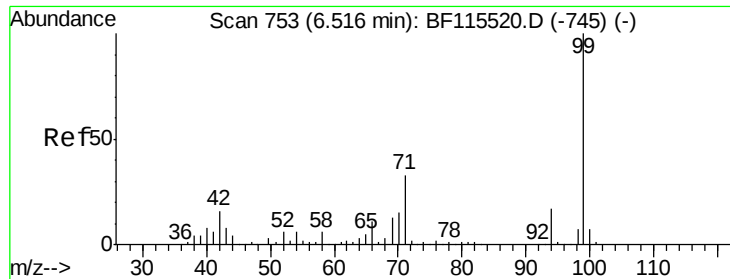
2-Fluorophenol
 Concen: 57.030 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF115821.D
 Acq: 27 Jul 2019 10:56

Tgt Ion:112 Resp: 499678
 Ion Ratio Lower Upper
 112 100
 64 57.8 45.8 68.8
 63 30.7 23.6 35.4



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: 73.981 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF115821.D

Acq: 27 Jul 2019 10:56

Instrument :

BNA_F

ClientSampled :

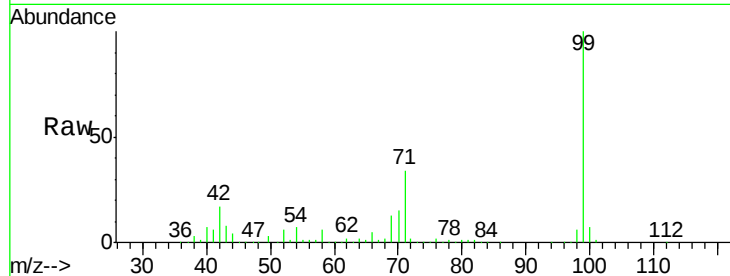
Tot Ion: 99 Resp: 822483

Ion Ratio Lower Upper

99 100

42 17.3 13.4 20.2

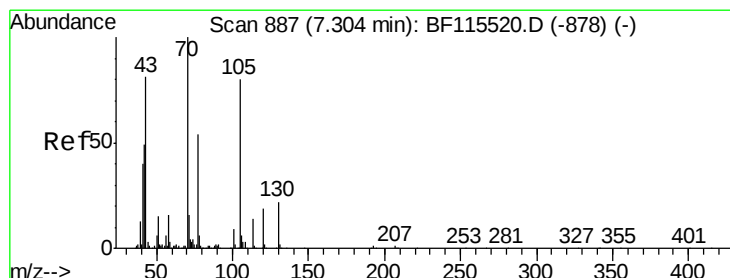
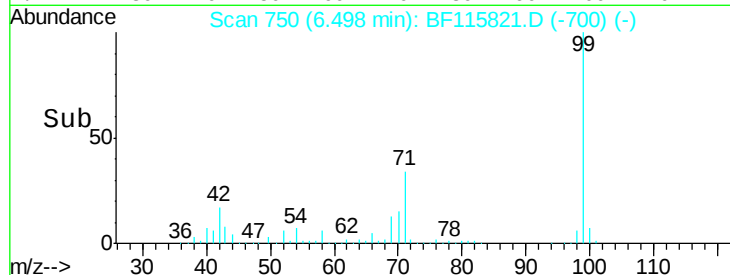
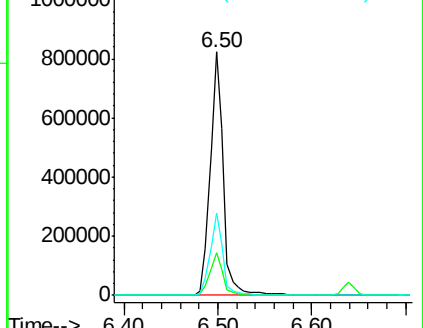
71 33.9 26.7 40.1



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: 10.592 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF115821.D

Acq: 27 Jul 2019 10:56

Tgt Ion: 70 Resp: 76801

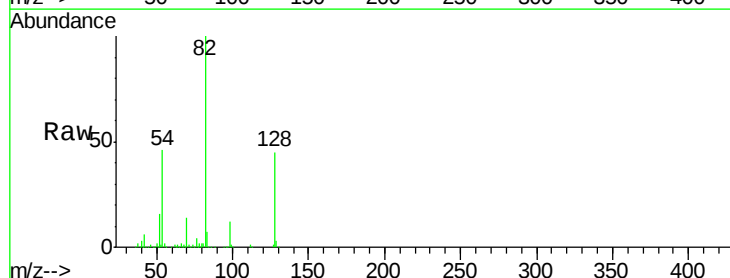
Ion Ratio Lower Upper

70 100

42 42.8 41.8 62.8

101 0.0 7.6 11.4#

130 2.1 16.9 25.3#

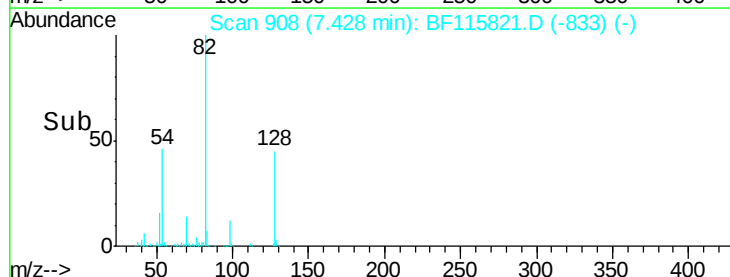
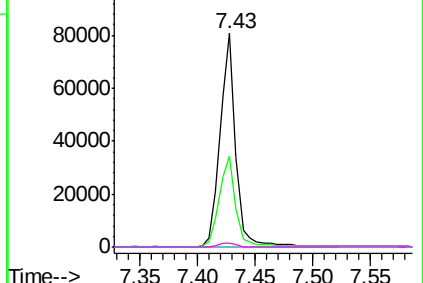


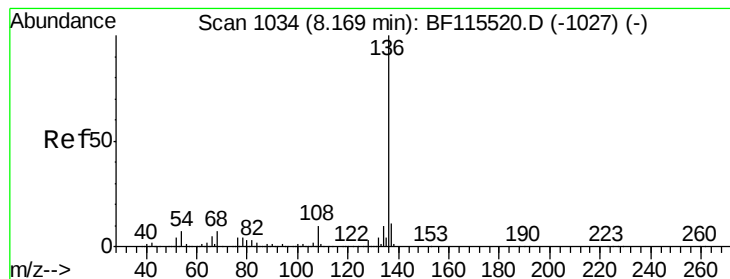
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF115821.D

Acq: 27 Jul 2019 10:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 555950

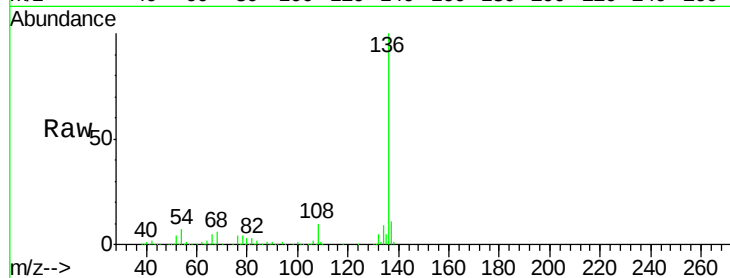
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 6.8 5.0 7.6

68 5.8 4.7 7.1

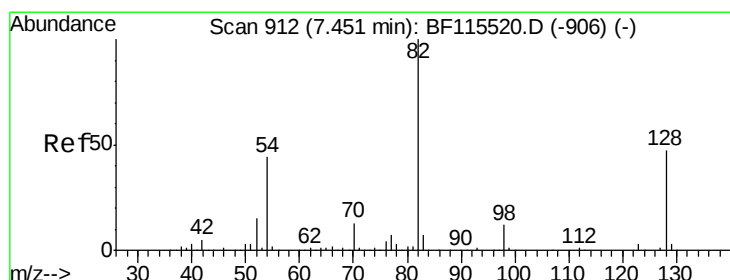
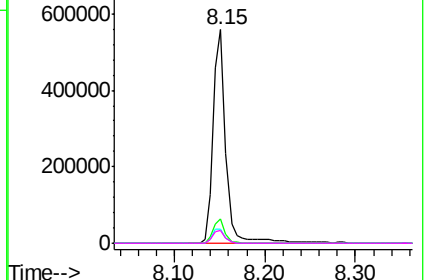
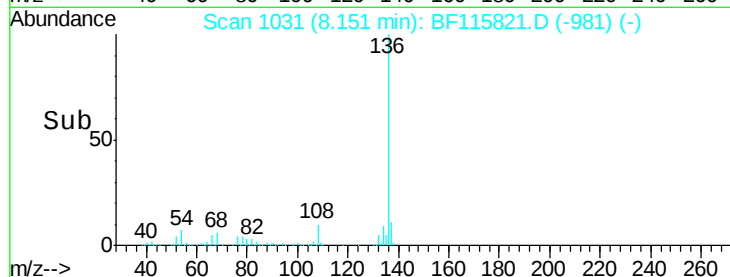


Abundance Ion 136.00 (135.70 to 136.70): E

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: 58.987 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF115821.D

Acq: 27 Jul 2019 10:56

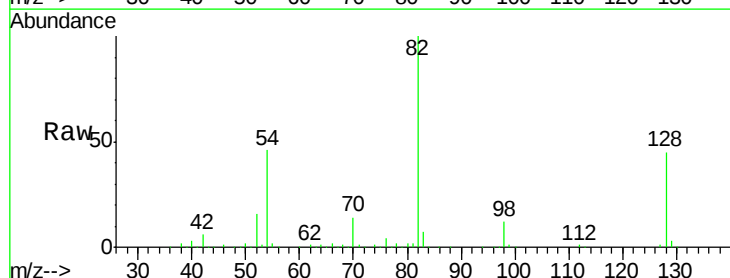
Tgt Ion: 82 Resp: 563984

Ion Ratio Lower Upper

82 100

128 45.1 36.6 55.0

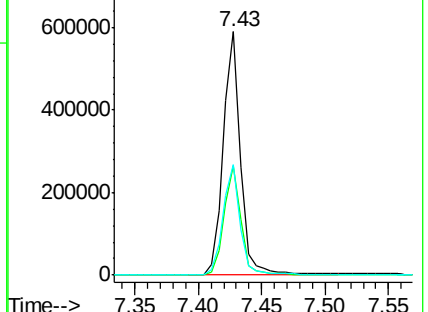
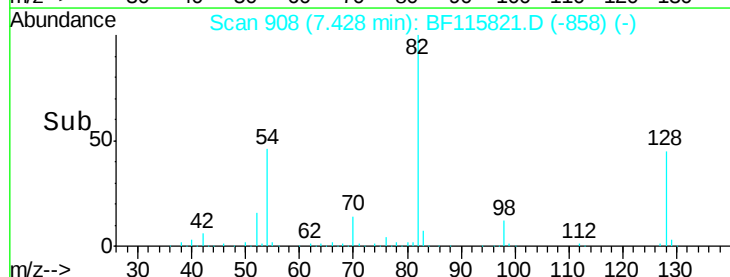
54 45.5 36.6 54.8

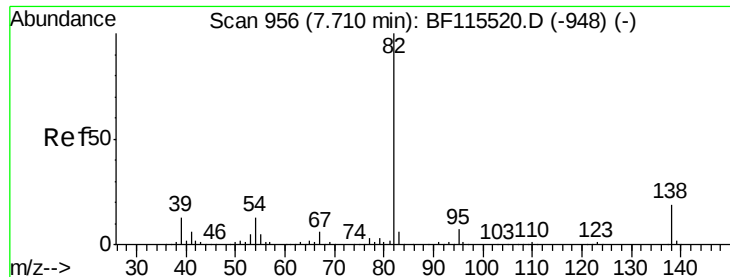


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

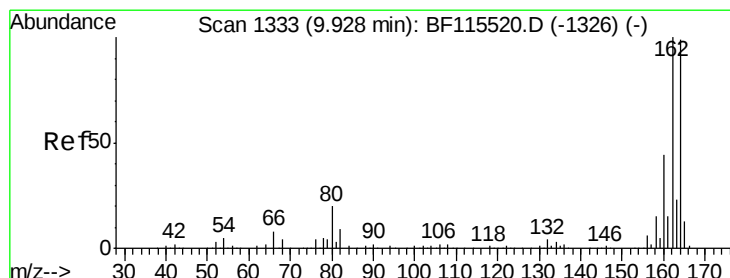
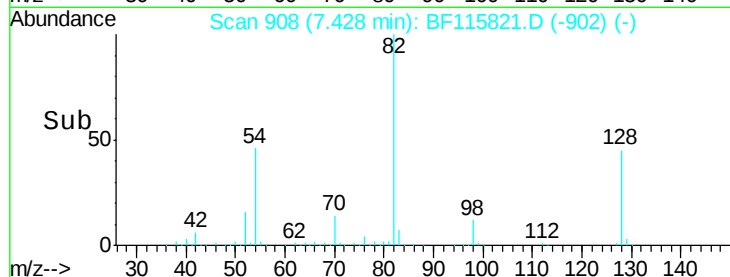
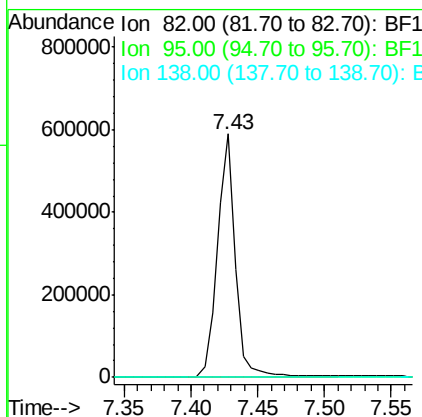
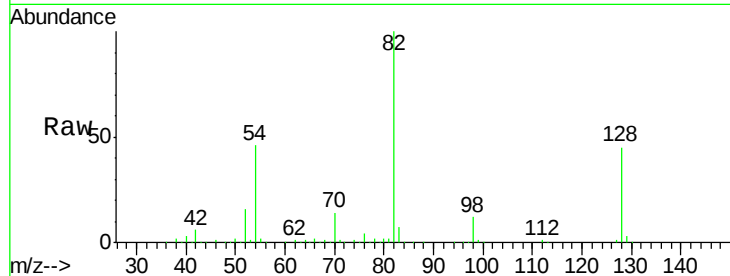




#25
Isophorone
Concen: 29.478 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.26 min
Lab File: BF115821.D
Acq: 27 Jul 2019 10:56

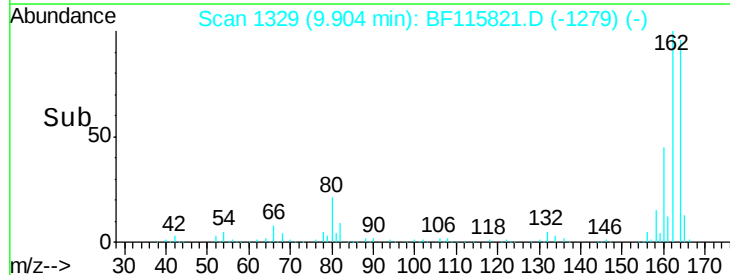
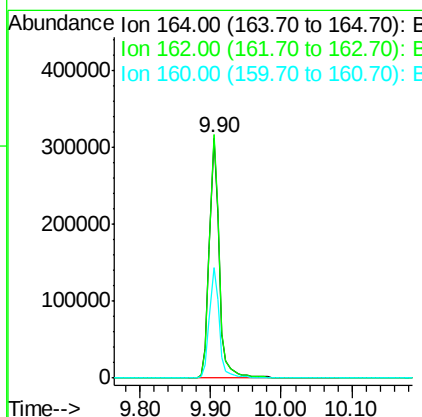
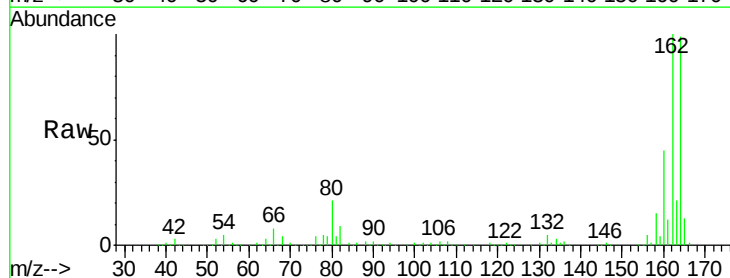
Instrument :
BNA_F
ClientSampleId :

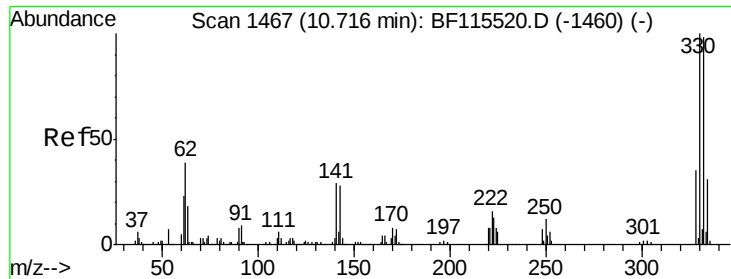
Tot Ion: 82 Resp: 563980
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.2 21.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF115821.D
Acq: 27 Jul 2019 10:56

Tgt Ion:164 Resp: 307455
Ion Ratio Lower Upper
164 100
162 101.3 81.8 122.6
160 46.0 37.5 56.3

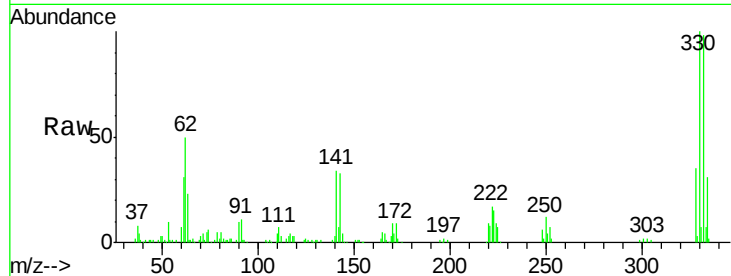




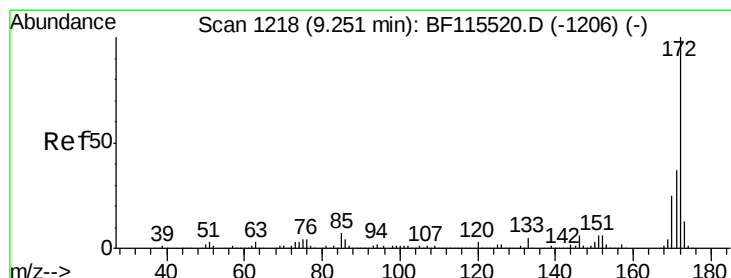
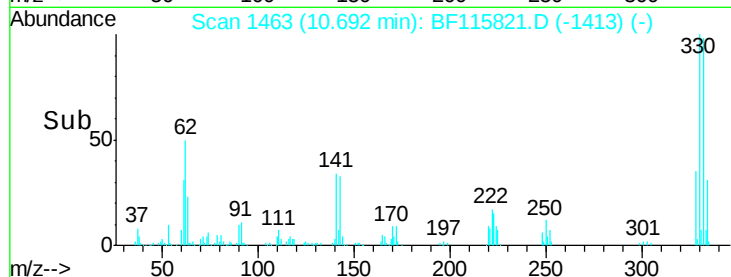
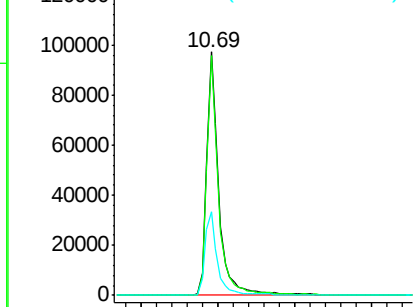
#42
 2,4,6-Tribromophenol
 Concen: 29.622 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF115821.D
 Acq: 27 Jul 2019 10:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 106307
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.1 114.1
 141 35.3 25.9 38.9

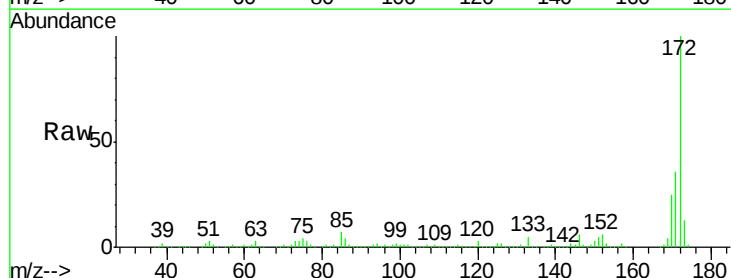


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

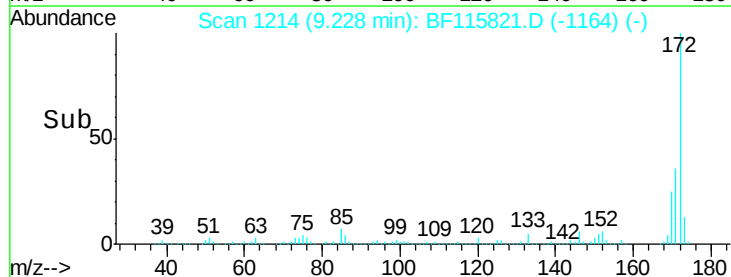
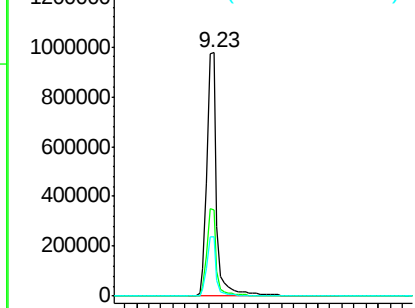


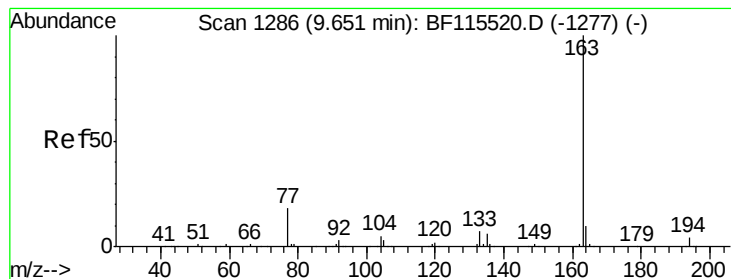
#45
 2-Fluorobiphenyl
 Concen: 64.123 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF115821.D
 Acq: 27 Jul 2019 10:56

Tgt Ion:172 Resp: 1126378
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.0 43.4
 170 24.6 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: 6.589 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BF115821.D

Acq: 27 Jul 2019 10:56

Instrument :

BNA_F

ClientSampleId :

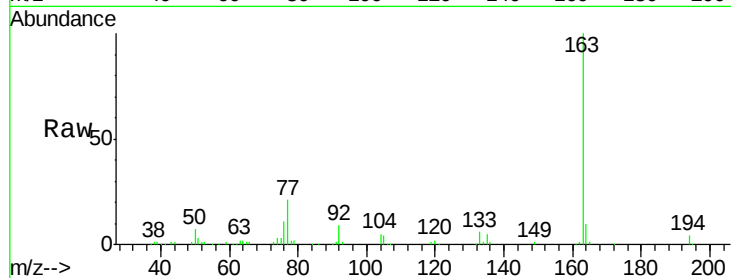
Tot Ion:163 Resp: 152420

Ion Ratio Lower Upper

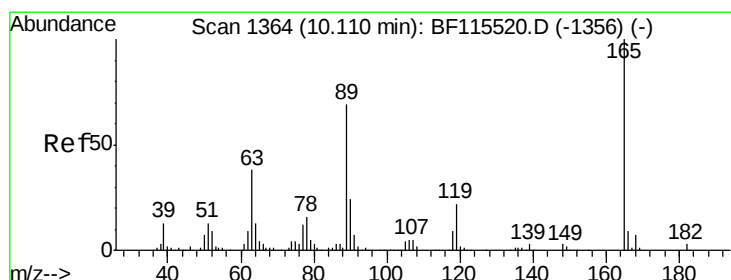
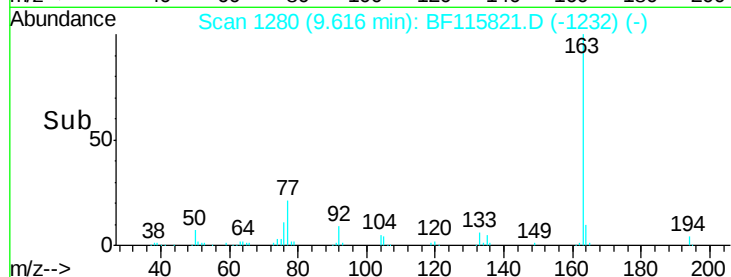
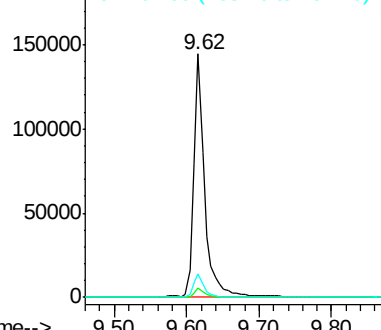
163 100

194 3.7 3.2 4.8

164 9.8 8.3 12.5



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



#57

2,4-Dinitrotoluene

Concen: 5.800 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.19 min

Lab File: BF115821.D

Acq: 27 Jul 2019 10:56

Tgt Ion:165 Resp: 39500

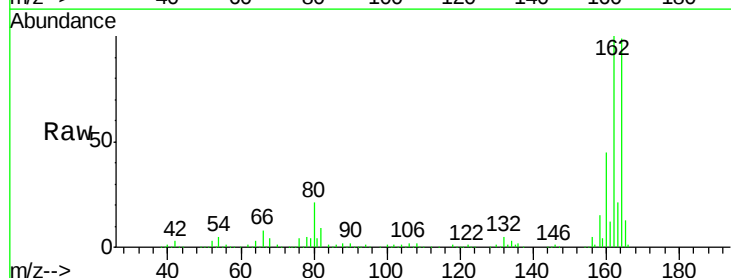
Ion Ratio Lower Upper

165 100

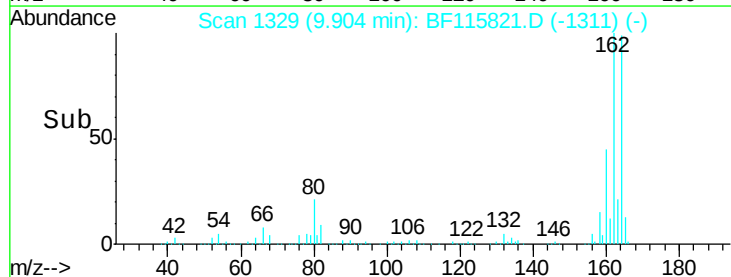
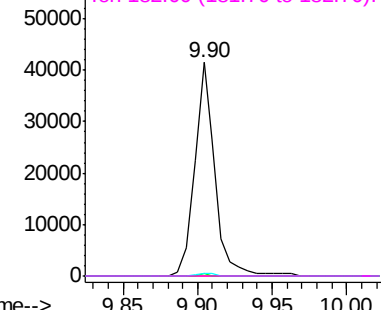
63 1.1 33.4 50.2#

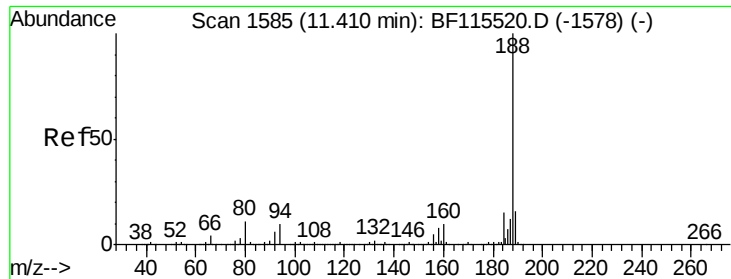
89 1.3 57.3 85.9#

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: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF115821.D

Acq: 27 Jul 2019 10:56

Instrument :

BNA_F

ClientSampleId :

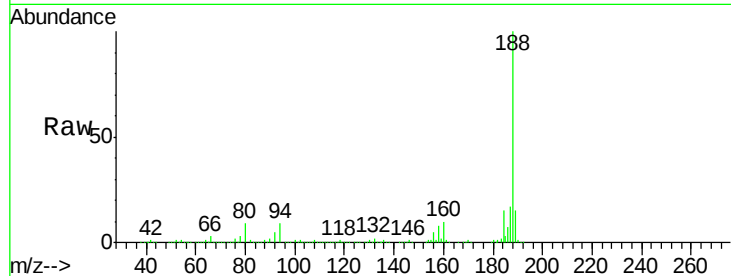
Tot Ion:188 Resp: 553635

Ion Ratio Lower Upper

188 100

94 8.8 8.2 12.2

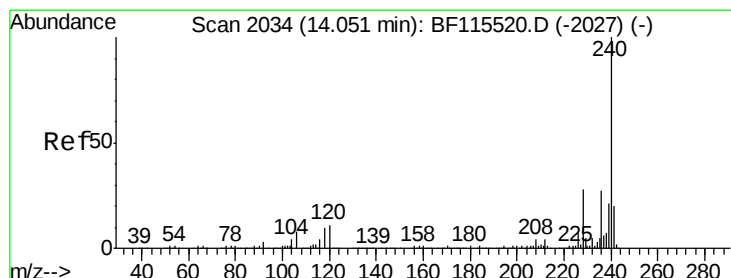
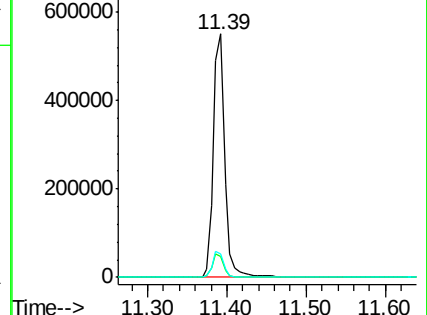
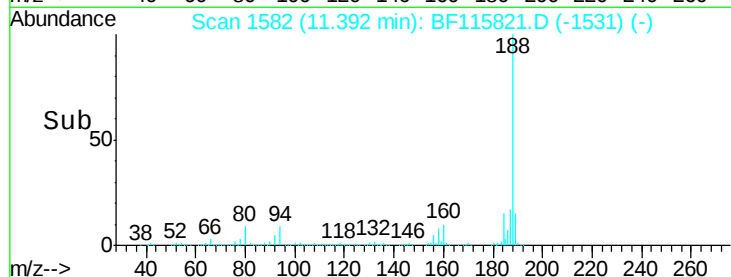
80 9.4 9.0 13.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF115821.D

Acq: 27 Jul 2019 10:56

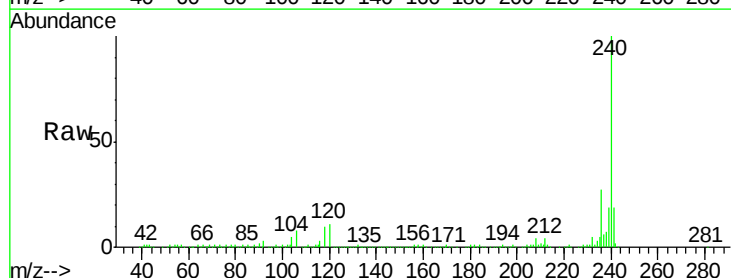
Tgt Ion:240 Resp: 417286

Ion Ratio Lower Upper

240 100

120 11.4 10.0 15.0

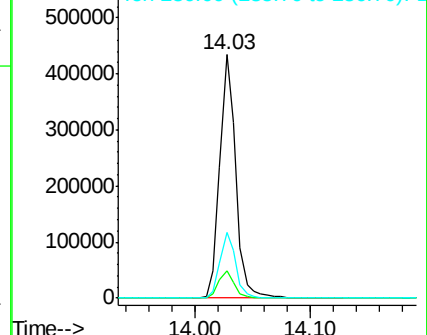
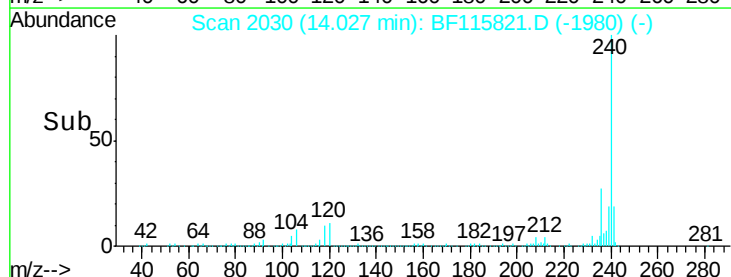
236 26.8 21.8 32.6

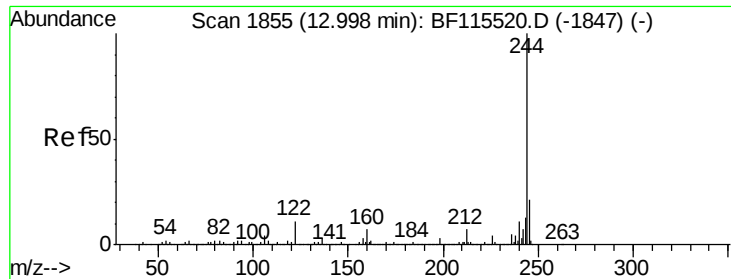


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

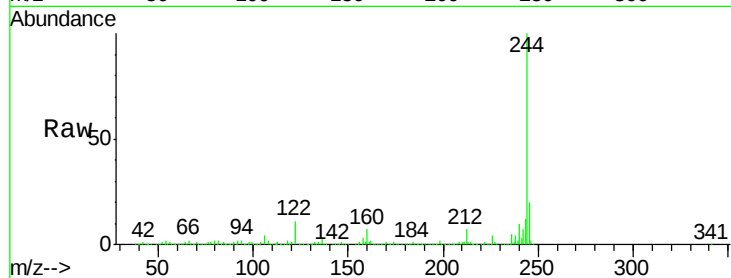




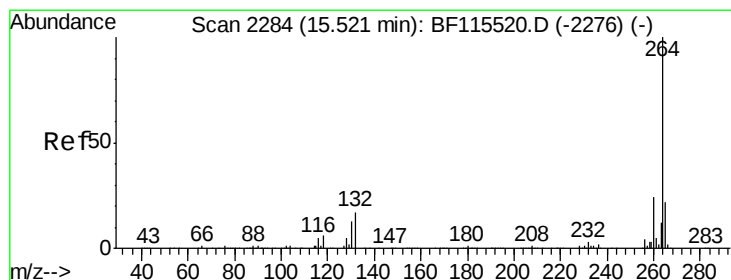
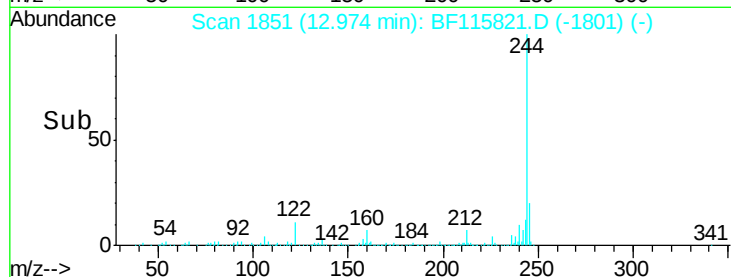
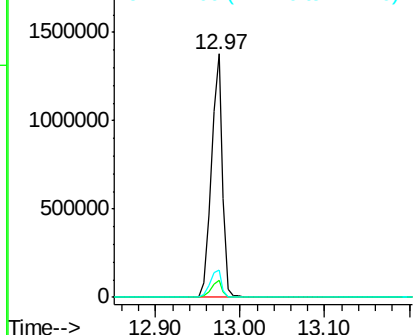
#79
 Terphenyl-d14
 Concen: 56.674 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF115821.D
 Acq: 27 Jul 2019 10:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1281684
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 11.3 8.2 12.4

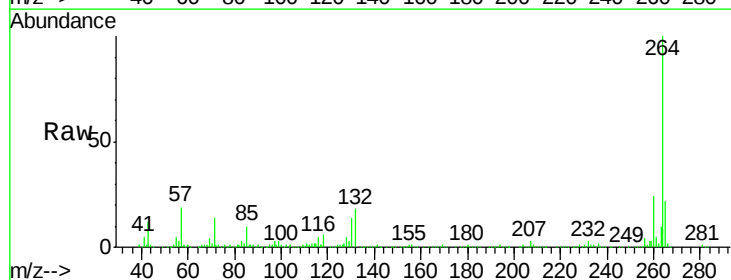


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: BF115821.D
 Acq: 27 Jul 2019 10:56

Tgt Ion:264 Resp: 387306
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.8 29.6
 265 21.6 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

