

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072719\
 Data File : BF115820.D
 Acq On : 27 Jul 2019 10:29
 Operator : HP/JU
 Sample : K4011-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 29 00:58:44 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

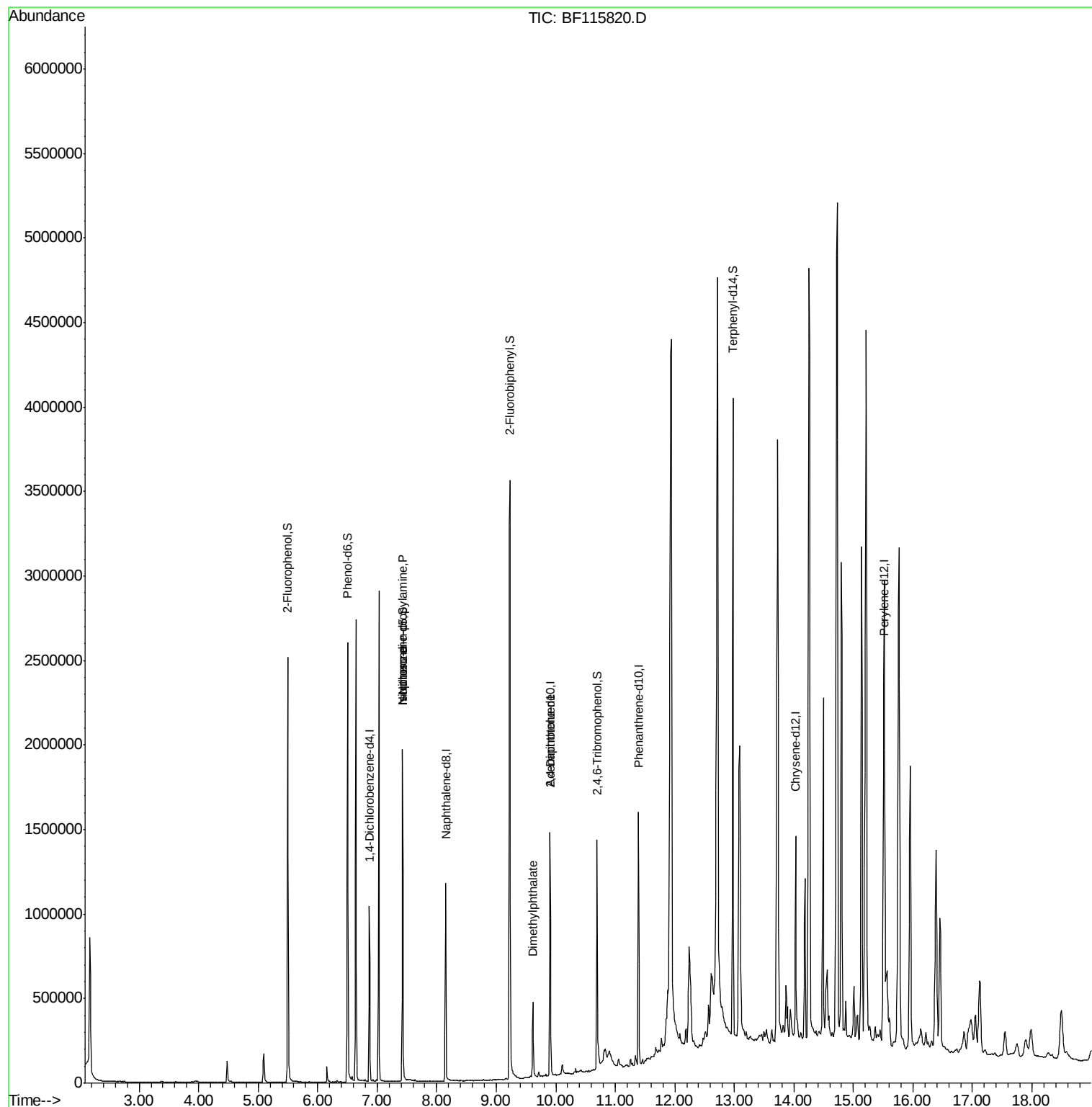
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	142265	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	524905	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	303547	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	535435	20.00	ng	0.00
76) Chrysene-d12	14.03	240	406394	20.00	ng	0.00
87) Perylene-d12	15.50	264	377806	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	725856	83.46	ng	0.00
7) Phenol-d6	6.50	99	1017545	92.20	ng	0.00
23) Nitrobenzene-d5	7.43	82	670842	74.31	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	183384	51.76	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1313369	75.73	ng	0.00
79) Terphenyl-d14	12.98	244	1476229	67.03	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	90895	12.629	ng	Qvalue # 79
25) Isophorone	7.43	82	670837	37.137	ng	# 65
50) Dimethylphthalate	9.62	163	189053	8.278	ng	99
57) 2,4-Dinitrotoluene	9.90	165	39914	5.936	ng	# 24

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

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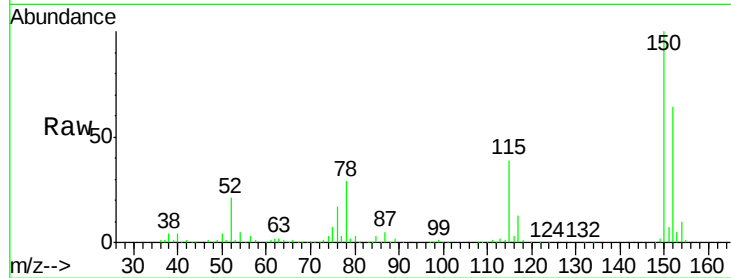


#1

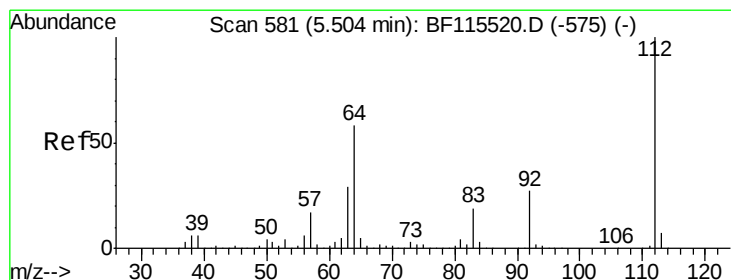
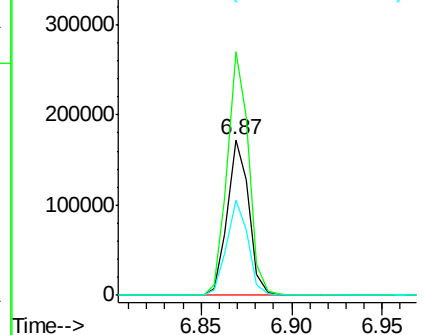
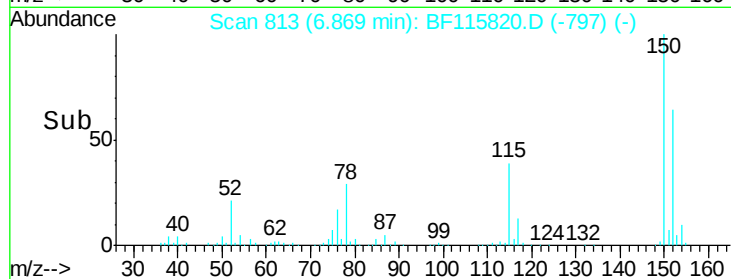
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF115820.D
 Acq: 27 Jul 2019 10:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 142265
 Ion Ratio Lower Upper
 152 100
 150 156.5 126.6 189.8
 115 61.6 47.8 71.6



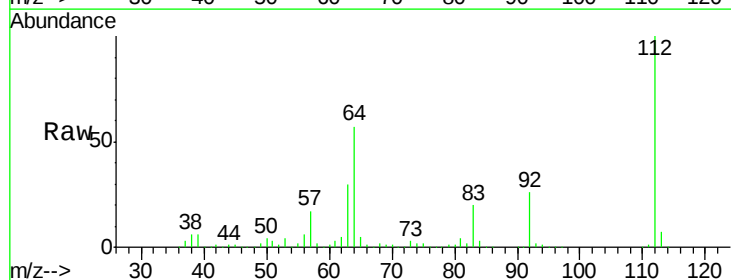
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



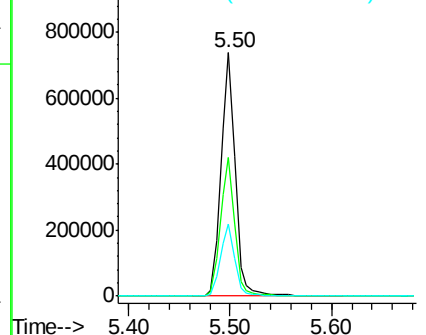
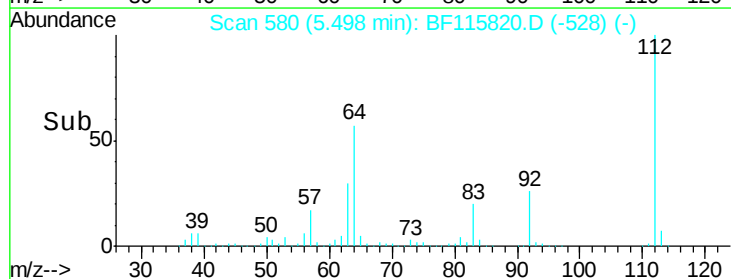
#5

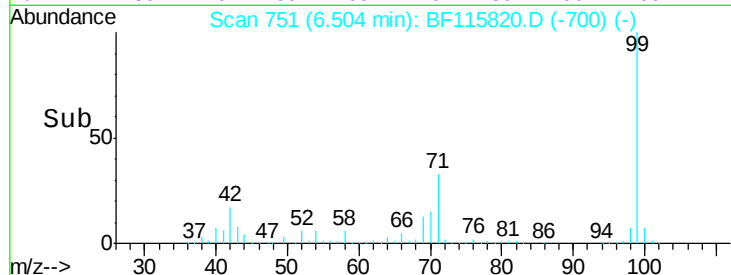
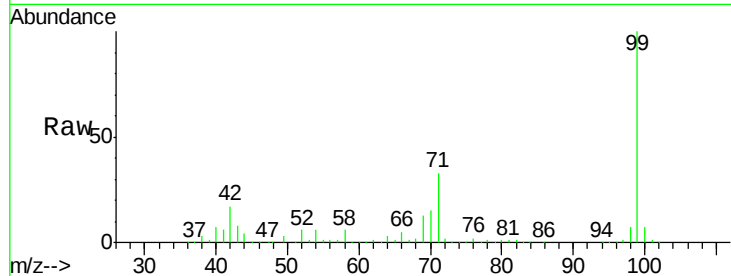
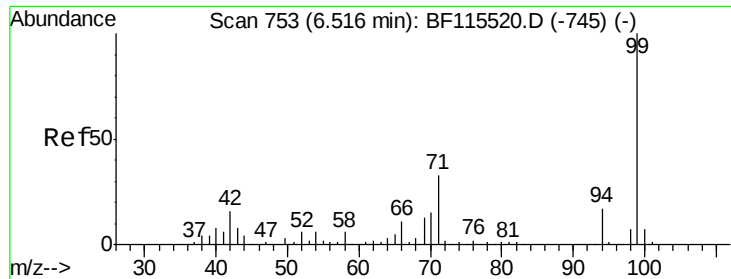
2-Fluorophenol
 Concen: 83.456 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.01 min
 Lab File: BF115820.D
 Acq: 27 Jul 2019 10:29

Tgt Ion:112 Resp: 725856
 Ion Ratio Lower Upper
 112 100
 64 56.8 45.8 68.8
 63 29.6 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

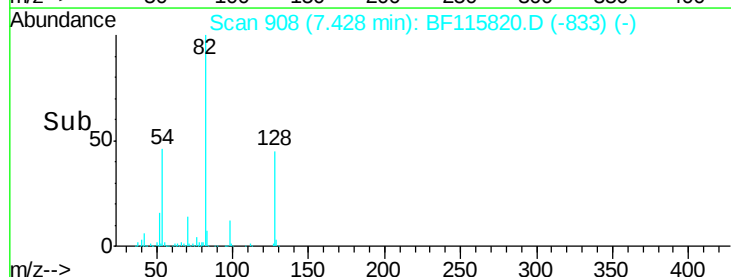
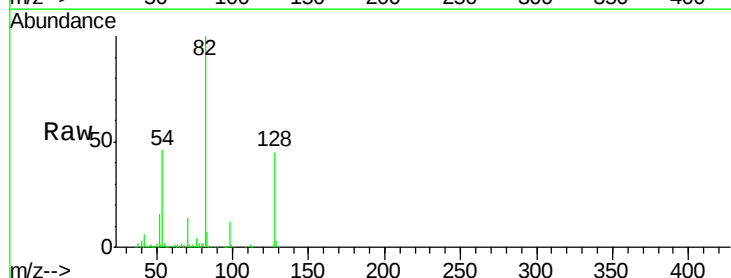
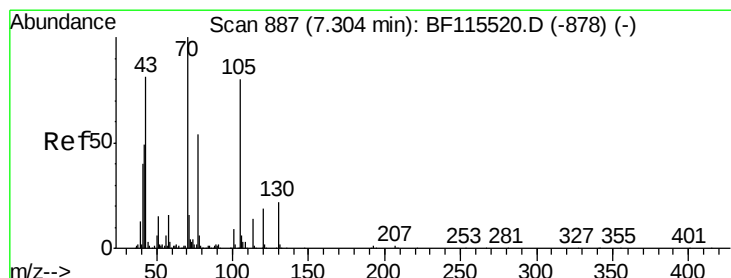
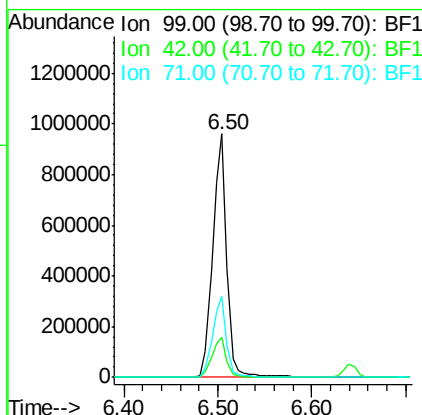




#7
Phenol-d6
Concen: 92.202 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF115820.D
Acq: 27 Jul 2019 10:29

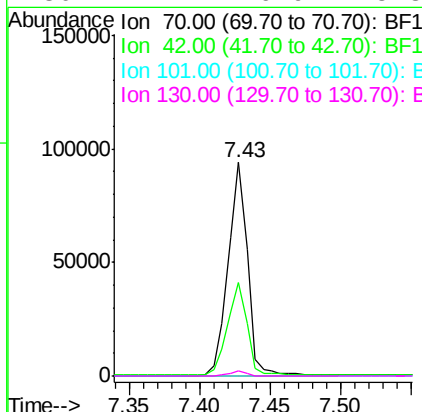
Instrument :
BNA_F
ClientSampleId :

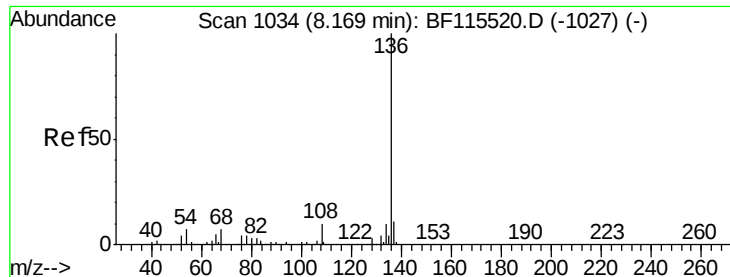
Tot Ion: 99 Resp: 1017545
Ion Ratio Lower Upper
99 100
42 16.7 13.4 20.2
71 33.3 26.7 40.1



#19
n-Nitroso-di-n-propylamine
Concen: 12.629 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF115820.D
Acq: 27 Jul 2019 10:29

Tgt Ion: 70 Resp: 90895
Ion Ratio Lower Upper
70 100
42 43.9 41.8 62.8
101 0.0 7.6 11.4#
130 2.2 16.9 25.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF115820.D

Acq: 27 Jul 2019 10:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 524905

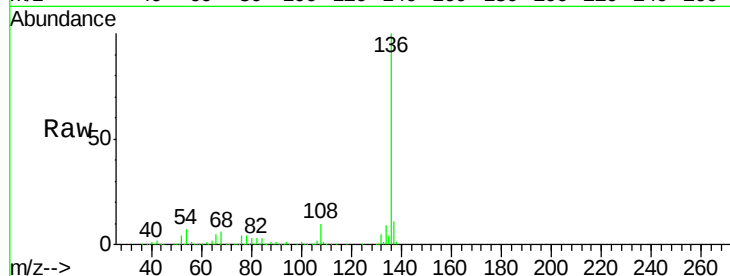
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.7 5.0 7.6

68 5.8 4.7 7.1

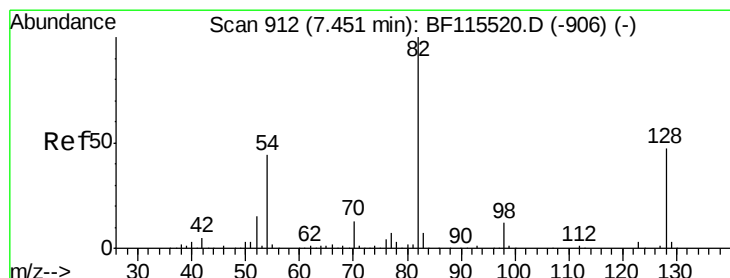
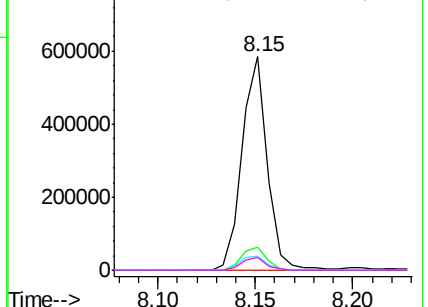
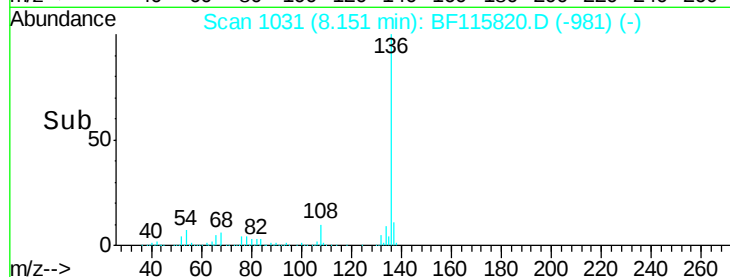


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.313 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF115820.D

Acq: 27 Jul 2019 10:29

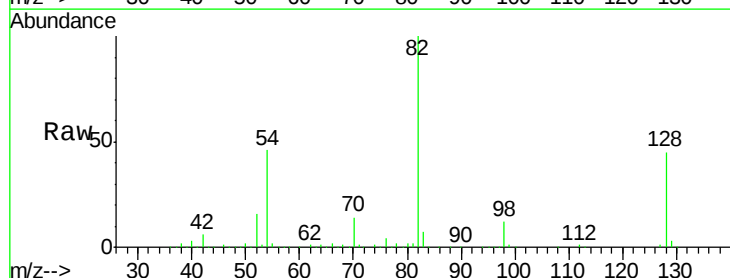
Tgt Ion: 82 Resp: 670842

Ion Ratio Lower Upper

82 100

128 45.1 36.6 55.0

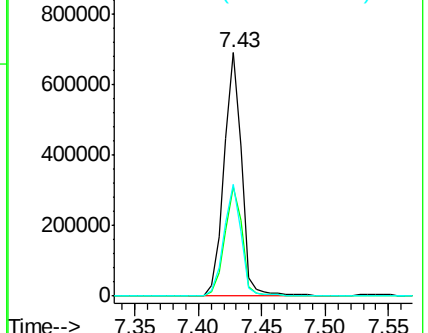
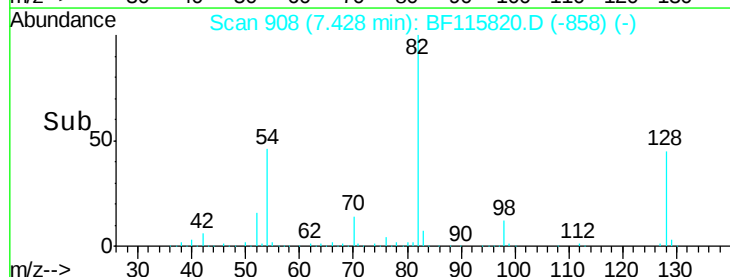
54 45.8 36.6 54.8



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

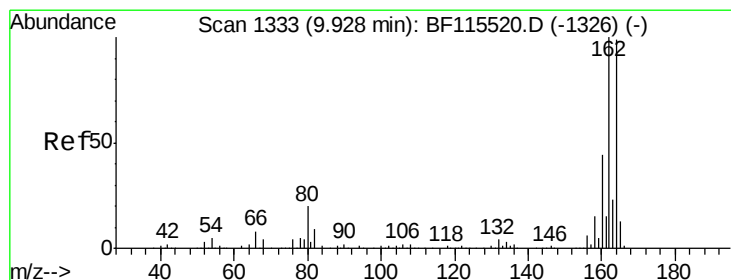
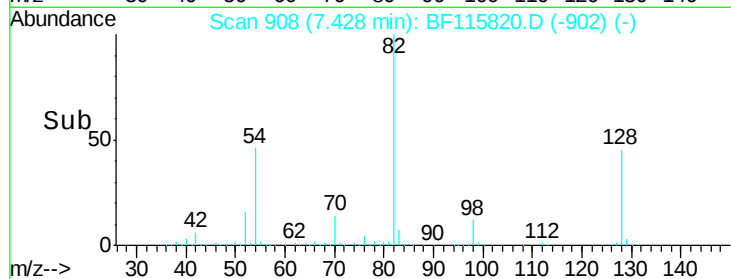
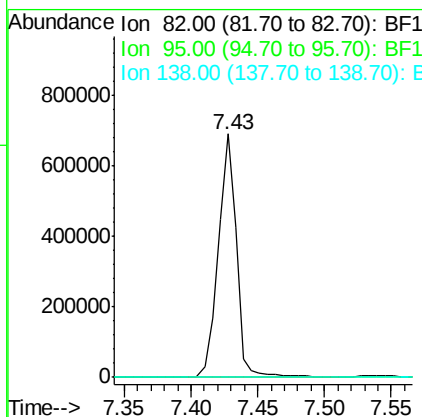
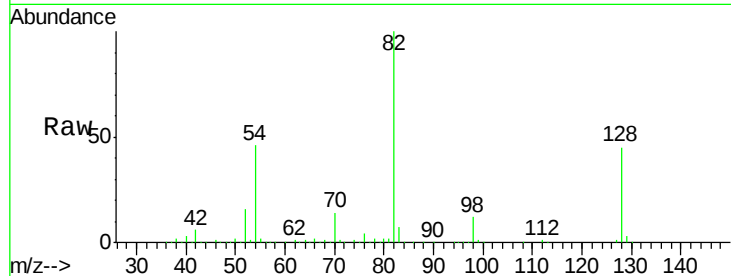




#25
Isophorone
Concen: 37.137 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.26 min
Lab File: BF115820.D
Acq: 27 Jul 2019 10:29

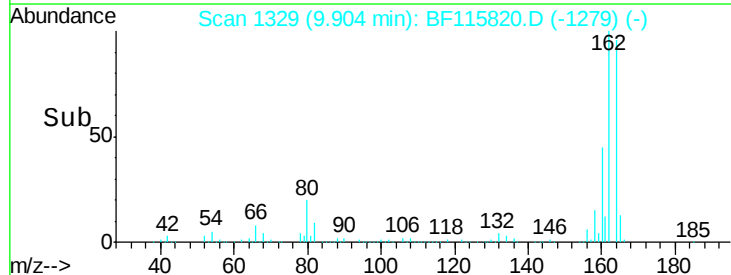
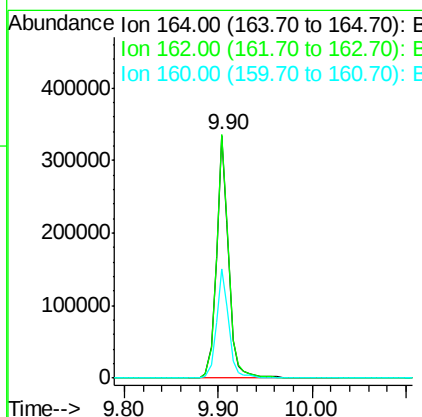
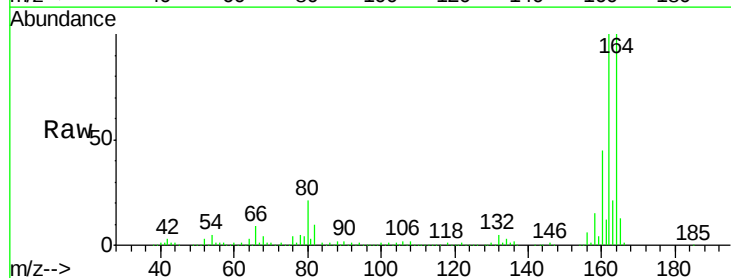
Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 670837
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: BF115820.D
Acq: 27 Jul 2019 10:29

Tgt Ion:164 Resp: 303547
Ion Ratio Lower Upper
164 100
162 100.5 81.8 122.6
160 45.3 37.5 56.3

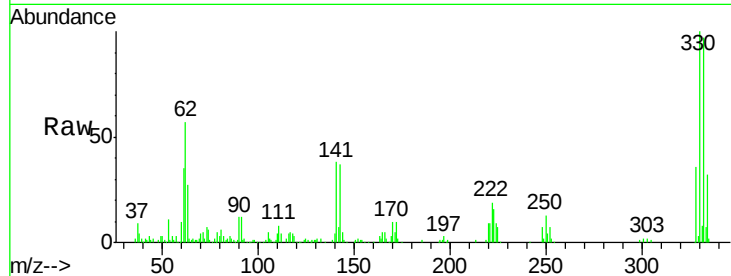




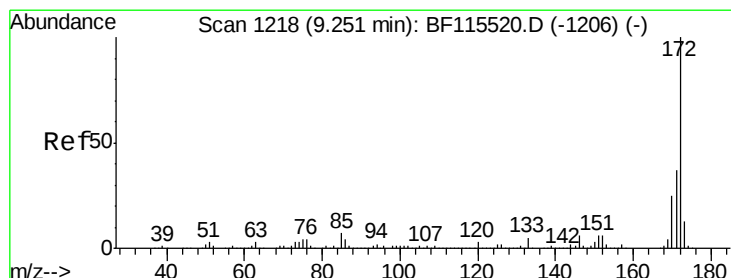
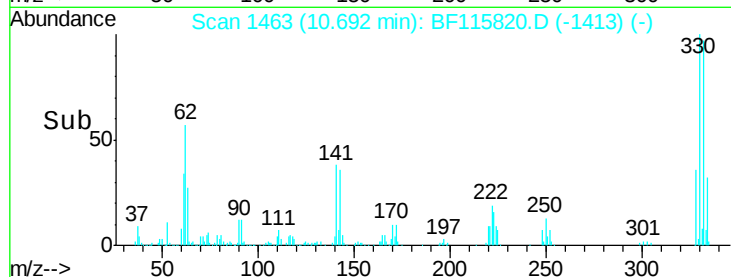
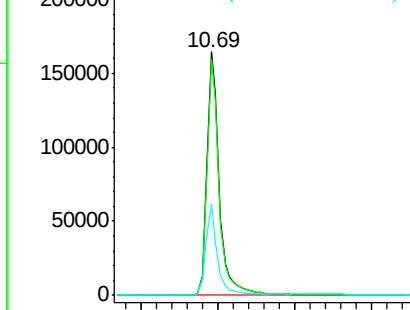
#42
 2,4,6-Tribromophenol
 Concen: 51.758 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF115820.D
 Acq: 27 Jul 2019 10:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 183384
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.1 114.1
 141 35.2 25.9 38.9

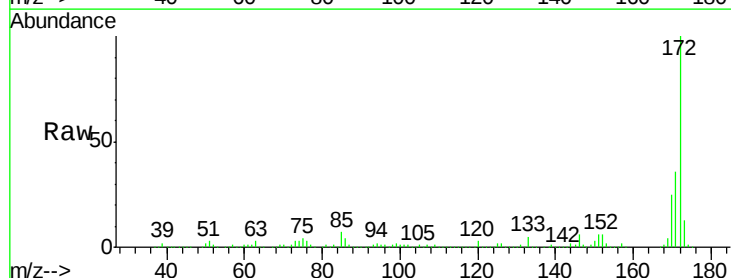


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

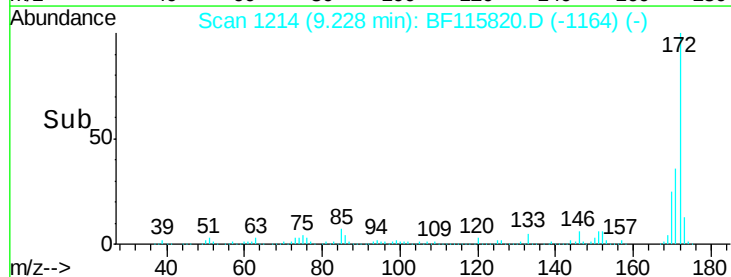
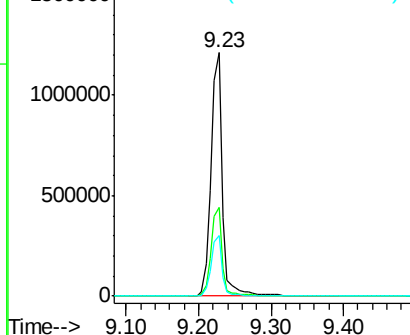


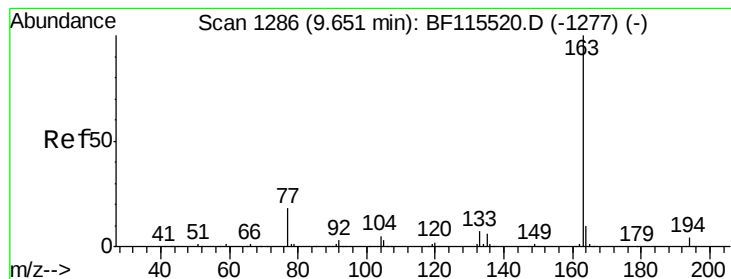
#45
 2-Fluorobiphenyl
 Concen: 75.730 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF115820.D
 Acq: 27 Jul 2019 10:29

Tgt Ion:172 Resp: 1313369
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.4
 170 25.0 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: 8.278 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BF115820.D

Acq: 27 Jul 2019 10:29

Instrument :

BNA_F

ClientSampleId :

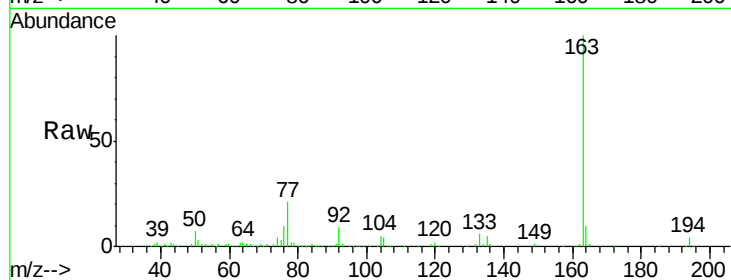
Tot Ion:163 Resp: 189053

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

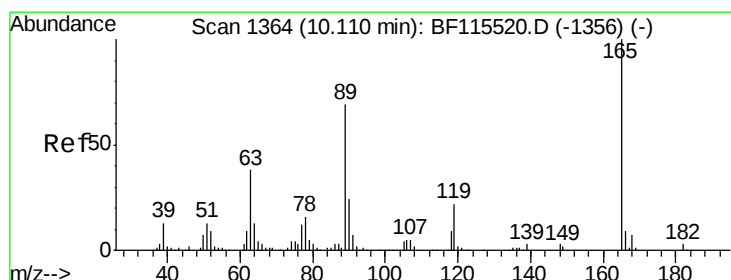
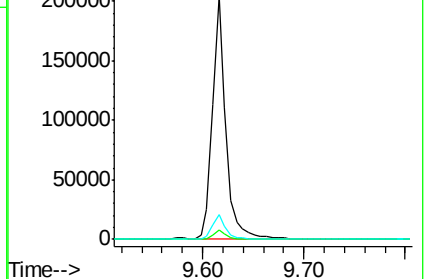
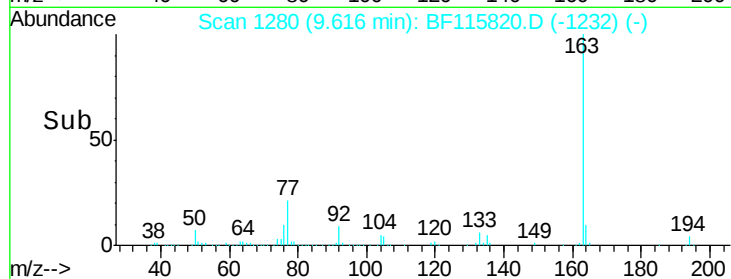
164 10.2 8.3 12.5



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: 5.936 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.19 min

Lab File: BF115820.D

Acq: 27 Jul 2019 10:29

Tgt Ion:165 Resp: 39914

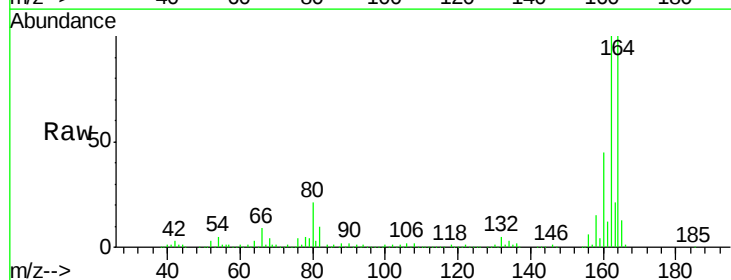
Ion Ratio Lower Upper

165 100

63 0.8 33.4 50.2#

89 1.6 57.3 85.9#

182 0.0 2.1 3.1#

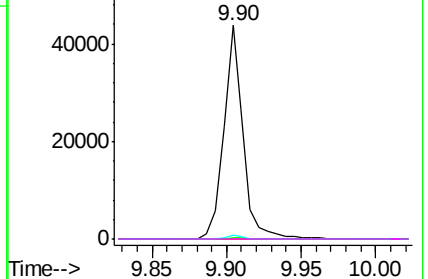
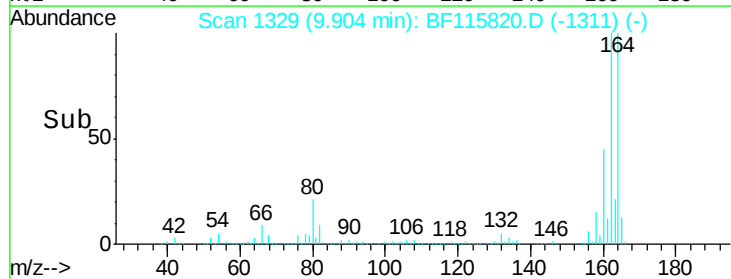


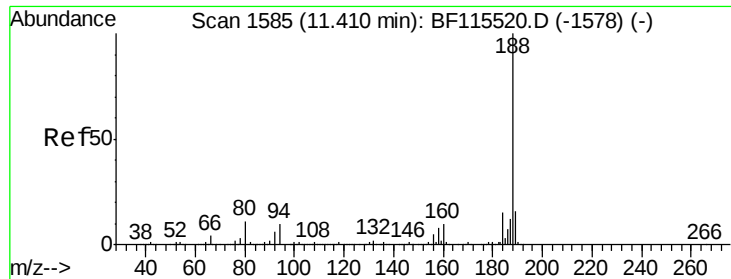
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF115820.D

Acq: 27 Jul 2019 10:29

Instrument :

BNA_F

ClientSampleId :

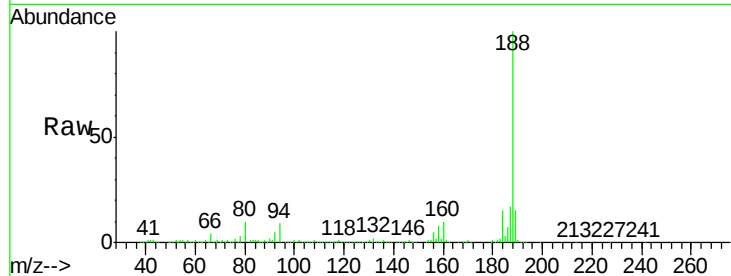
Tot Ion:188 Resp: 535435

Ion Ratio Lower Upper

188 100

94 8.9 8.2 12.2

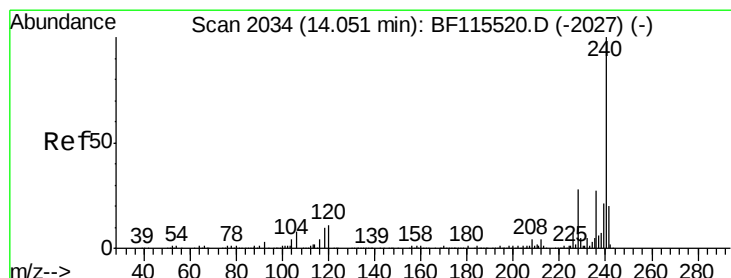
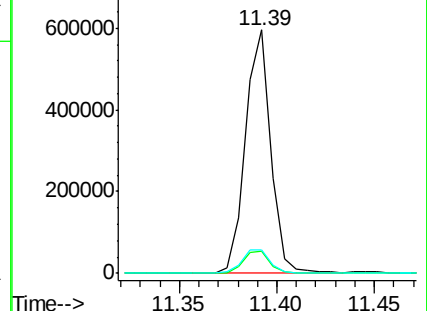
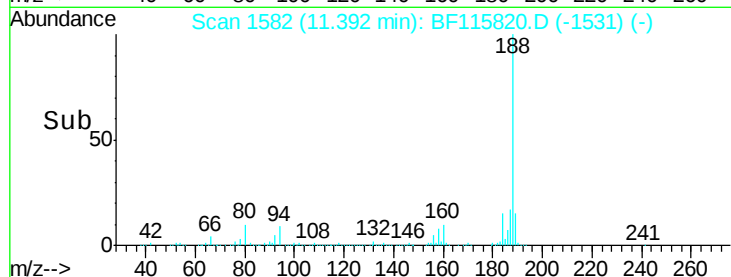
80 9.9 9.0 13.6



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: BF115820.D

Acq: 27 Jul 2019 10:29

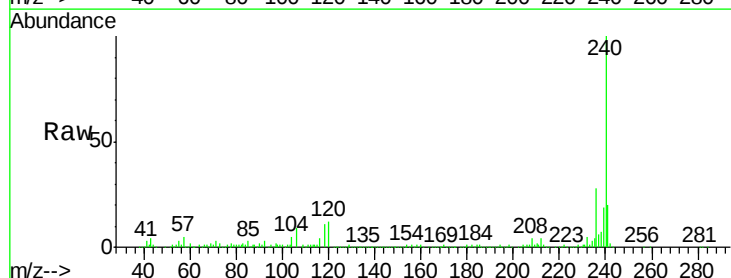
Tgt Ion:240 Resp: 406394

Ion Ratio Lower Upper

240 100

120 12.3 10.0 15.0

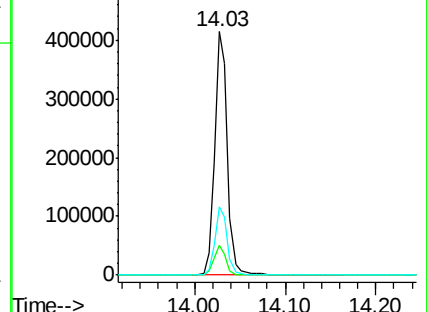
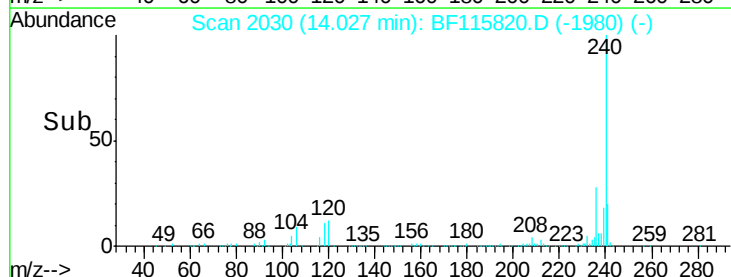
236 28.0 21.8 32.6

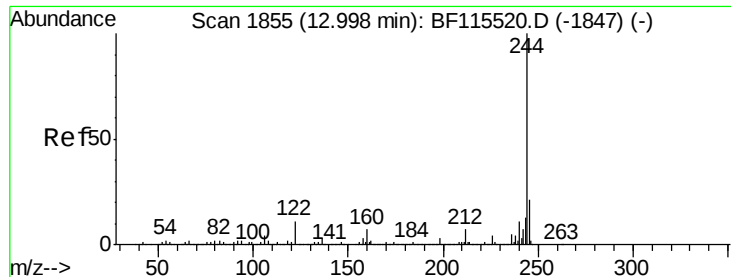


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 67.026 ng

RT: 12.98 min Scan# 1852

Delta R.T. 0.00 min

Lab File: BF115820.D

Acq: 27 Jul 2019 10:29

Instrument :

BNA_F

ClientSampleId :

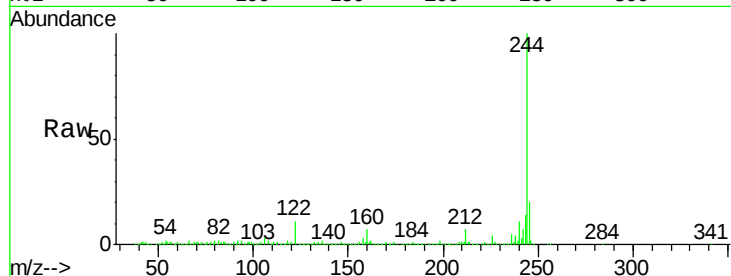
Tot Ion:244 Resp: 1476229

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

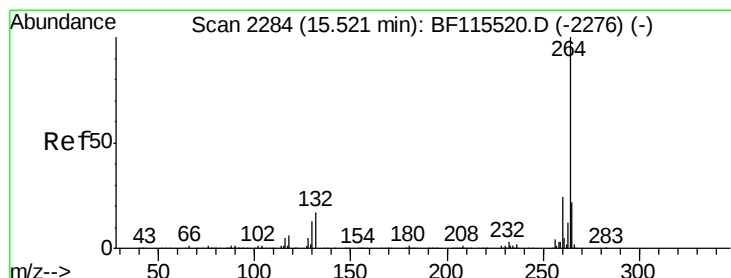
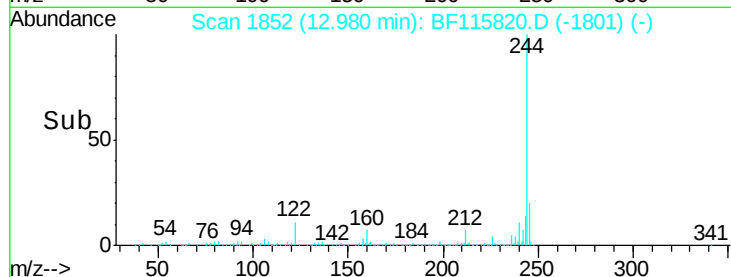
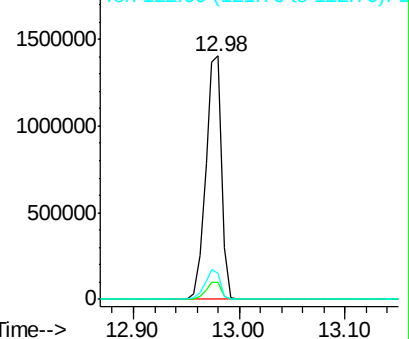
122 10.7 8.2 12.4



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# 2281

Delta R.T. 0.01 min

Lab File: BF115820.D

Acq: 27 Jul 2019 10:29

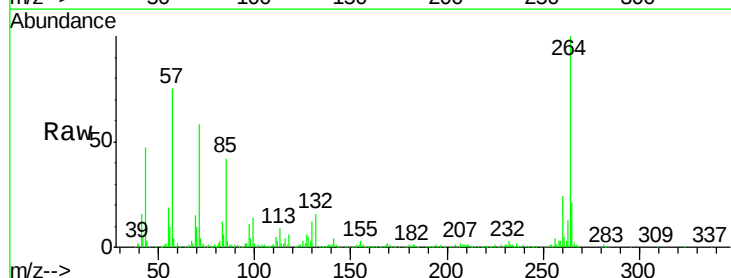
Tgt Ion:264 Resp: 377806

Ion Ratio Lower Upper

264 100

260 24.3 19.8 29.6

265 21.2 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

