

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072719\
 Data File : BF115827.D
 Acq On : 27 Jul 2019 13:35
 Operator : HP/JU
 Sample : K4000-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 29 01:00:25 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

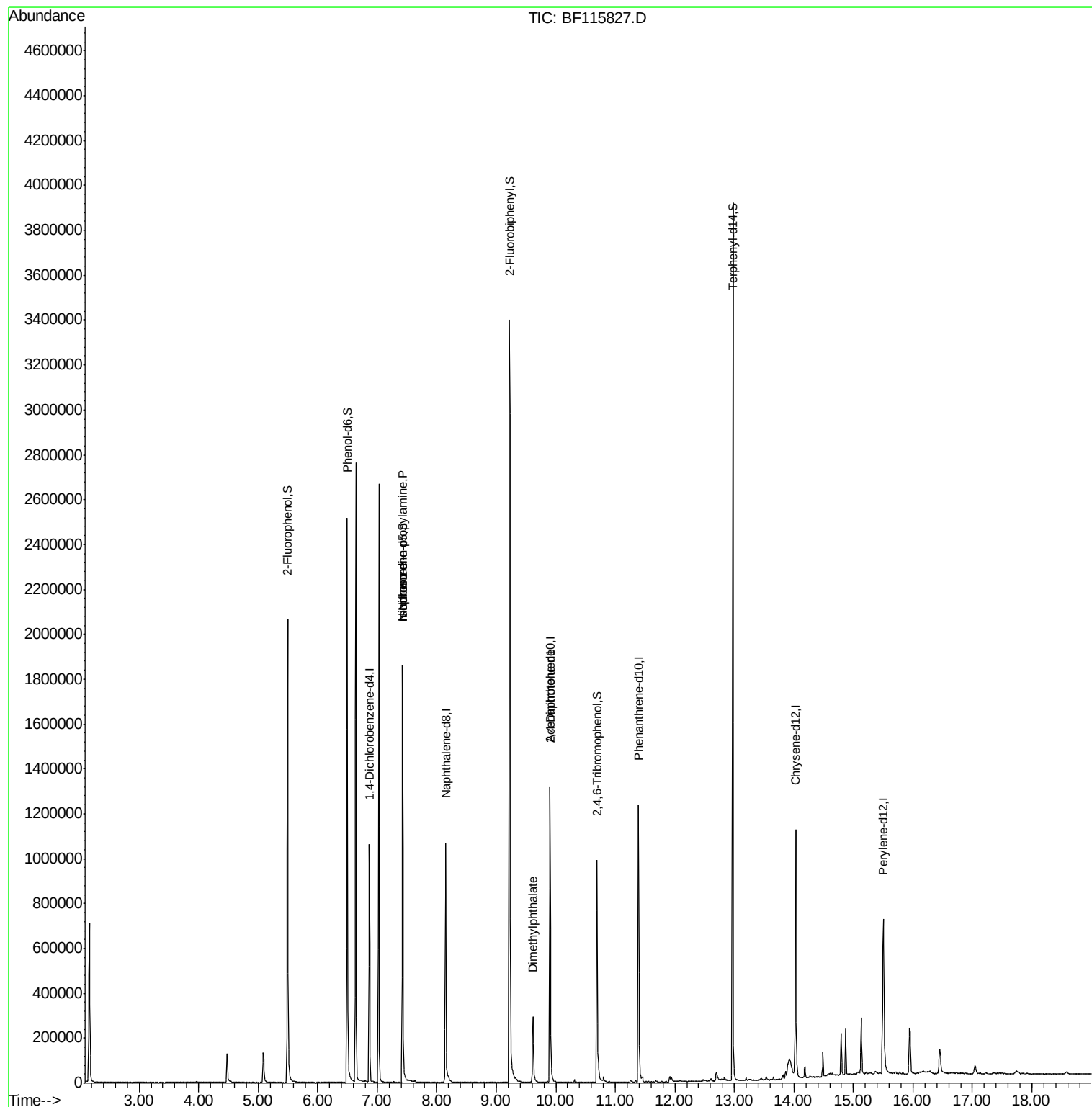
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	141582	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	548003	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	300449	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	540459	20.00	ng	0.00
76) Chrysene-d12	14.03	240	403407	20.00	ng	0.00
87) Perylene-d12	15.50	264	394821	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	632663	73.09	ng	0.00
7) Phenol-d6	6.50	99	961762	87.57	ng	0.00
23) Nitrobenzene-d5	7.43	82	638888	67.79	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	152771	43.56	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1262654	73.56	ng	-0.01
79) Terphenyl-d14	12.97	244	1402768	64.16	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	86828	12.122	ng	# 80
25) Isophorone	7.43	82	638882	33.878	ng	# 65
50) Dimethylphthalate	9.62	163	160889	7.117	ng	99
57) 2,4-Dinitrotoluene	9.90	165	37642	5.656	ng	# 24

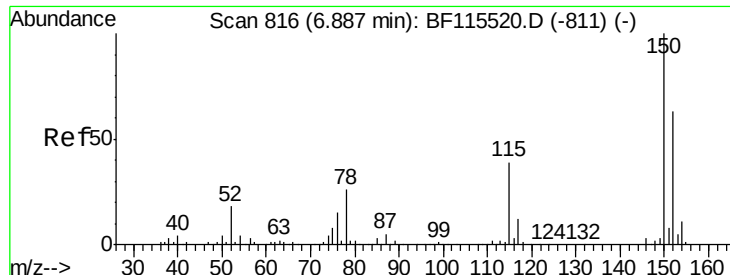
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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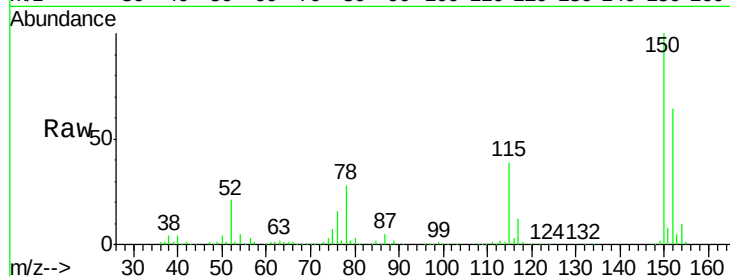


#1

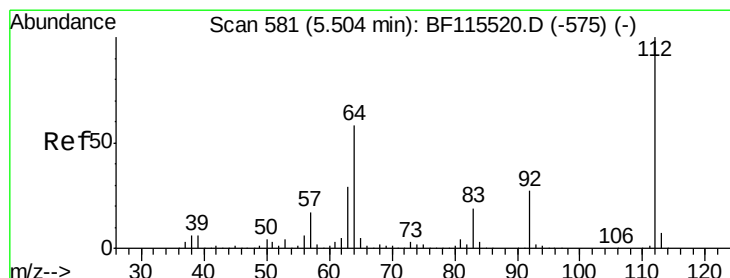
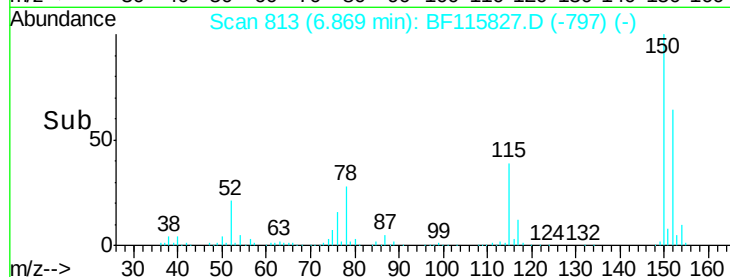
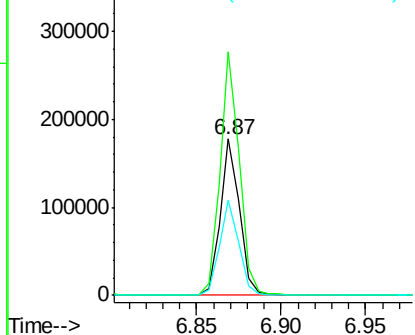
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF115827.D
 Acq: 27 Jul 2019 13:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 141582
 Ion Ratio Lower Upper
 152 100
 150 155.6 126.6 189.8
 115 61.2 47.8 71.6



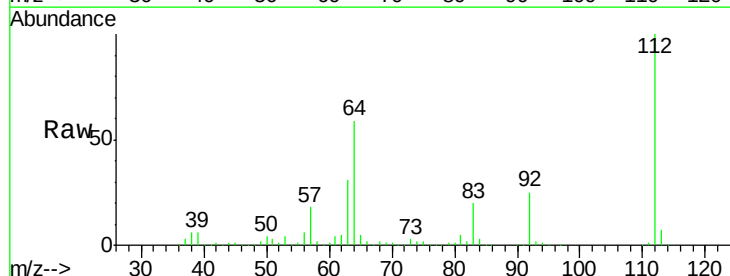
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



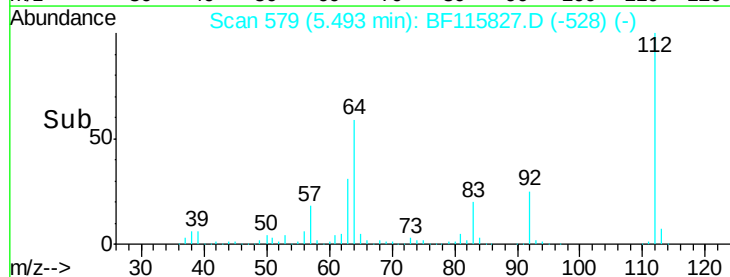
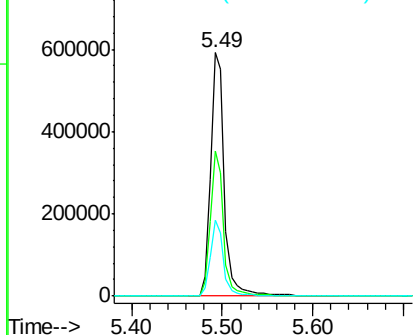
#5

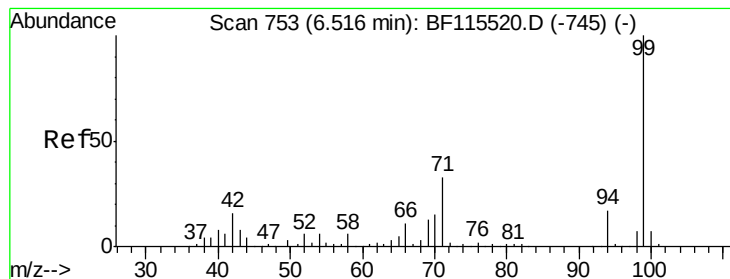
2-Fluorophenol
 Concen: 73.092 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF115827.D
 Acq: 27 Jul 2019 13:35

Tgt Ion:112 Resp: 632663
 Ion Ratio Lower Upper
 112 100
 64 59.3 45.8 68.8
 63 31.1 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: 87.568 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF115827.D

Acq: 27 Jul 2019 13:35

Instrument :

BNA_F

ClientSampleId :

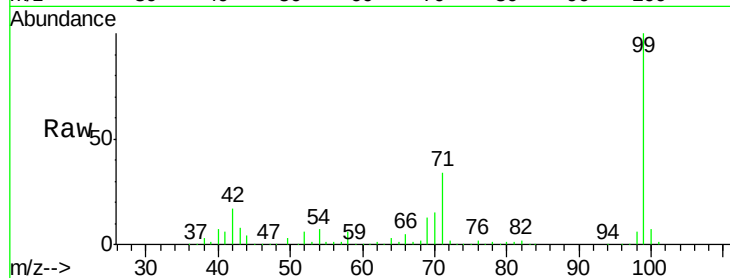
Tot Ion: 99 Resp: 961762

Ion Ratio Lower Upper

99 100

42 17.1 13.4 20.2

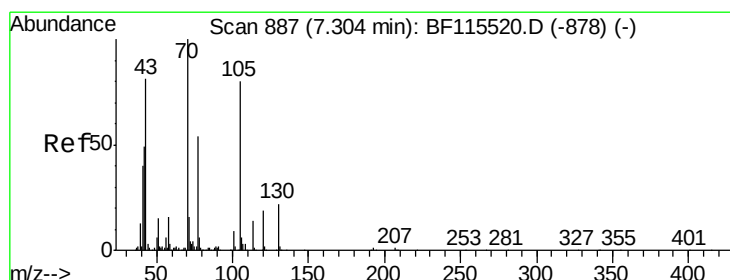
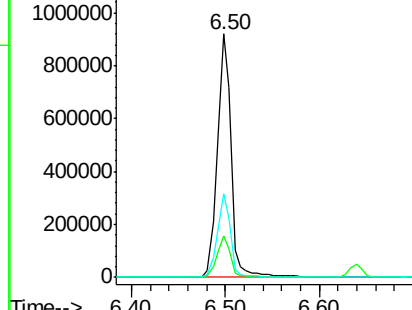
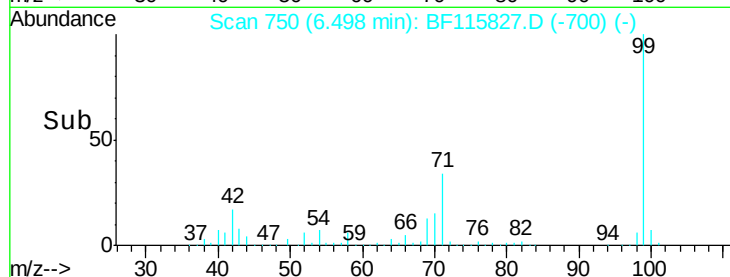
71 34.4 26.7 40.1



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: 12.122 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF115827.D

Acq: 27 Jul 2019 13:35

Tgt Ion: 70 Resp: 86828

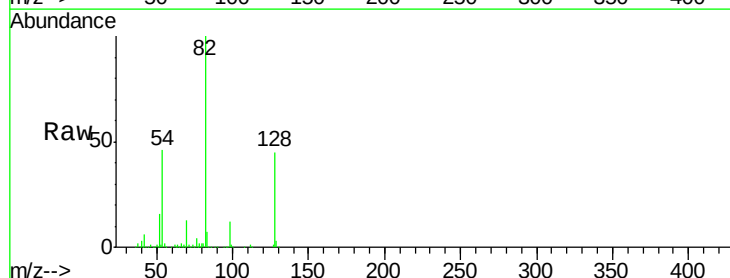
Ion Ratio Lower Upper

70 100

42 44.4 41.8 62.8

101 0.0 7.6 11.4#

130 2.3 16.9 25.3#

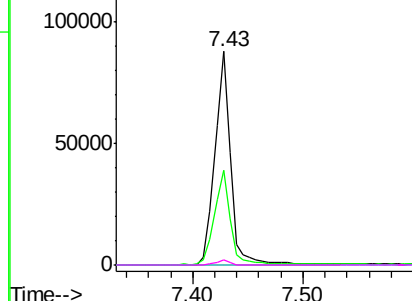
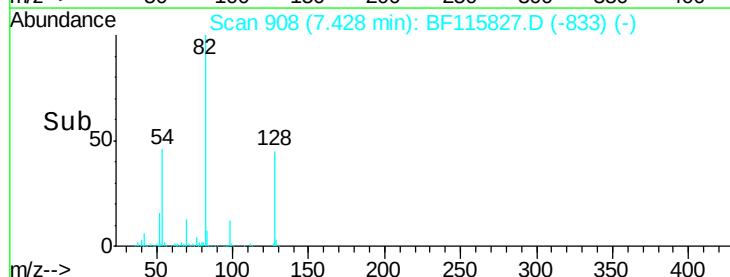


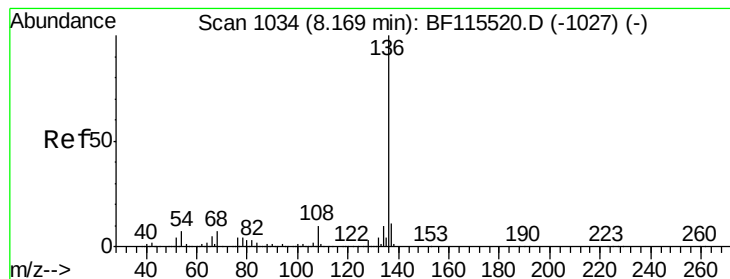
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

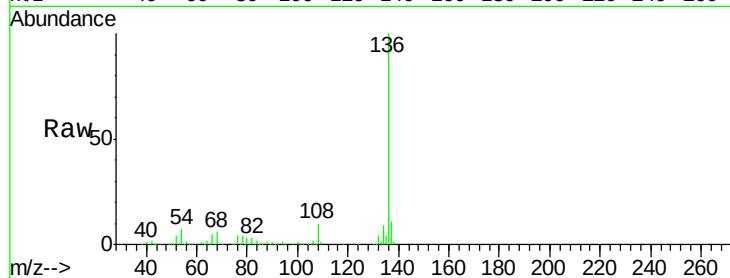
Delta R.T. -0.01 min

Lab File: BF115827.D

Acq: 27 Jul 2019 13:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 548003
Ion Ratio	Lower Upper
136 100	
137 10.8	8.7 13.1
54 6.7	5.0 7.6
68 5.8	4.7 7.1

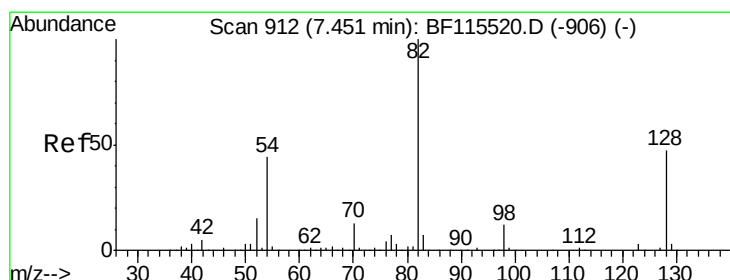
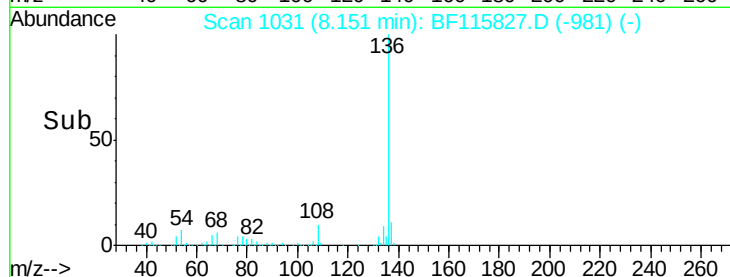
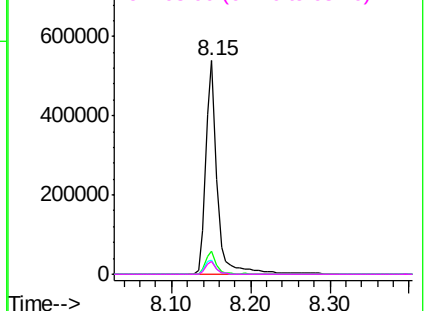


Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.790 ng

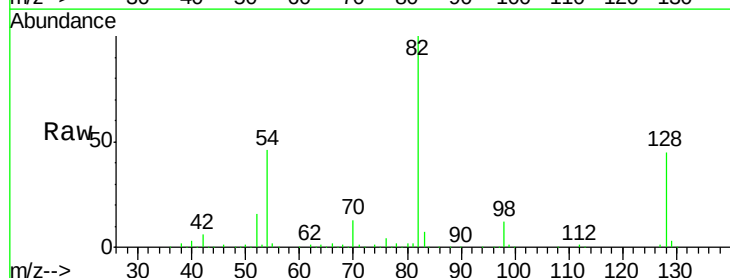
RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF115827.D

Acq: 27 Jul 2019 13:35

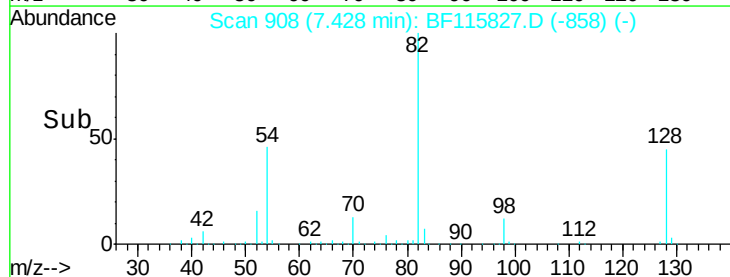
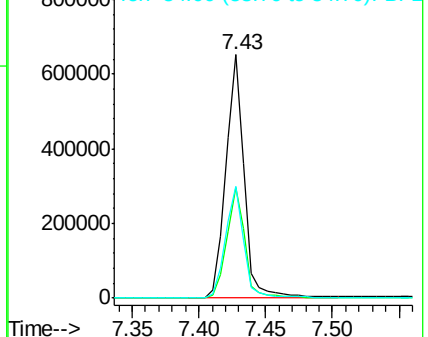
Tgt Ion: 82	Resp: 638888
Ion Ratio	Lower Upper
82 100	
128 45.3	36.6 55.0
54 45.9	36.6 54.8

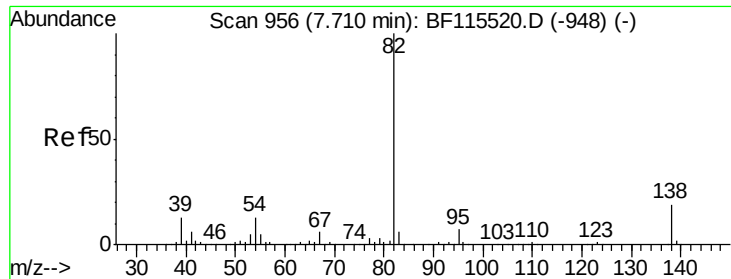


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 33.878 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.26 min

Lab File: BF115827.D

Acq: 27 Jul 2019 13:35

Instrument :

BNA_F

ClientSampled :

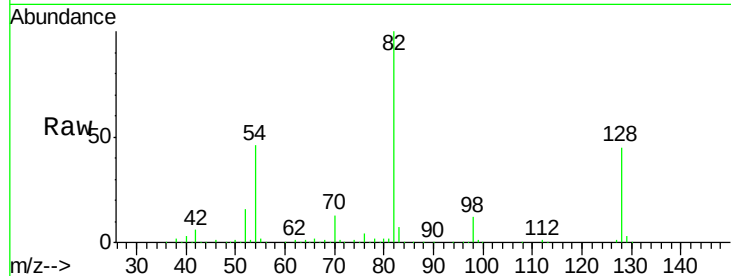
Tot Ion: 82 Resp: 638882

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.2 21.4#

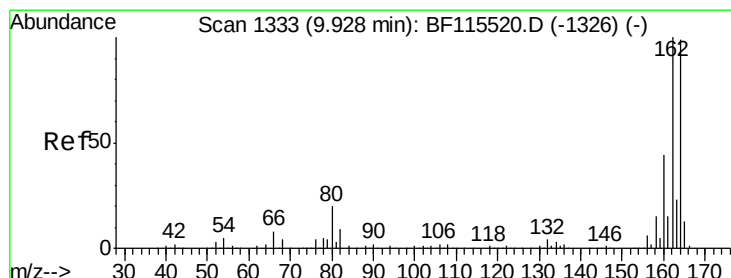
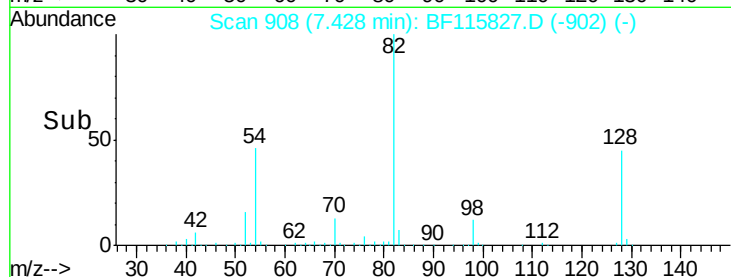


Abundance Ion 82.00 (81.70 to 82.70): BF115520.D (-948) (-)

Ion 95.00 (94.70 to 95.70): BF115520.D (-948) (-)

Ion 138.00 (137.70 to 138.70): BF115520.D (-948) (-)

Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF115827.D

Acq: 27 Jul 2019 13:35

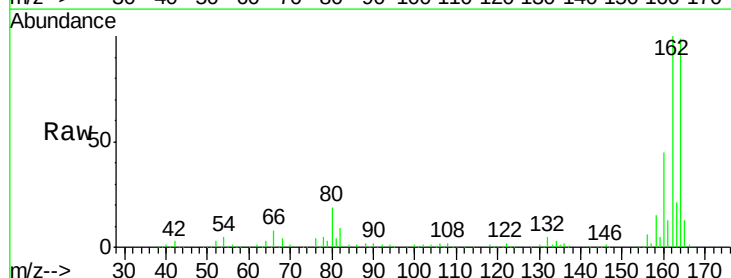
Tgt Ion: 164 Resp: 300449

Ion Ratio Lower Upper

164 100

162 100.8 81.8 122.6

160 45.7 37.5 56.3

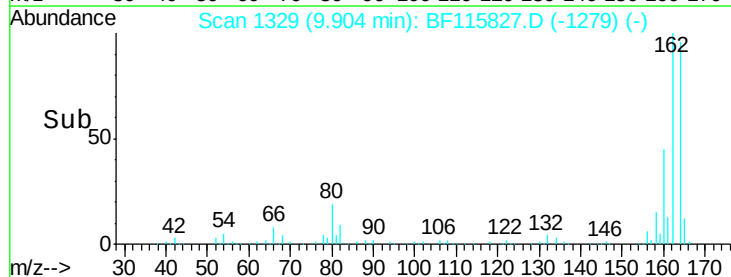


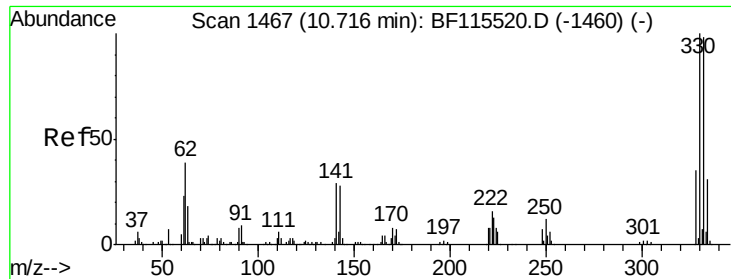
Abundance Ion 164.00 (163.70 to 164.70): BF115520.D (-1326) (-)

Ion 162.00 (161.70 to 162.70): BF115520.D (-1326) (-)

Ion 160.00 (159.70 to 160.70): BF115520.D (-1326) (-)

Time-->





#42

2,4,6-Tribromophenol

Concen: 43.562 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BF115827.D

Acq: 27 Jul 2019 13:35

Instrument :

BNA_F

ClientSampleId :

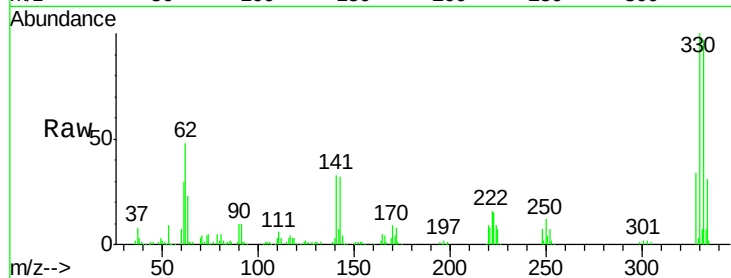
Tot Ion:330 Resp: 152771

Ion Ratio Lower Upper

330 100

332 96.7 76.1 114.1

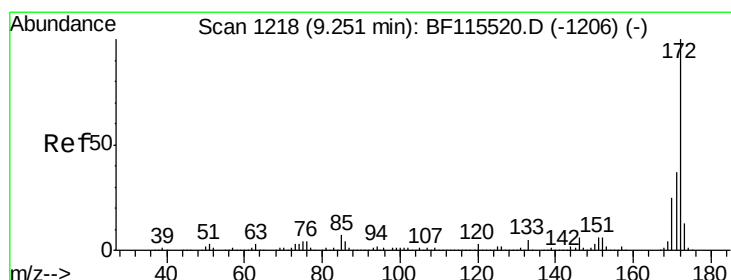
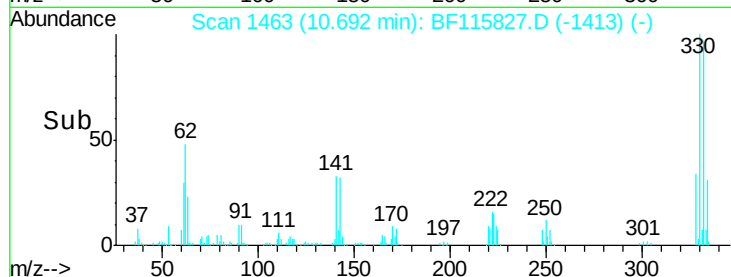
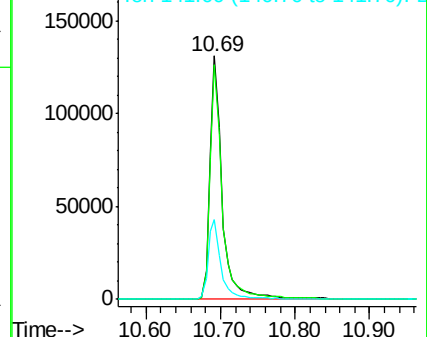
141 34.1 25.9 38.9



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: 73.557 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF115827.D

Acq: 27 Jul 2019 13:35

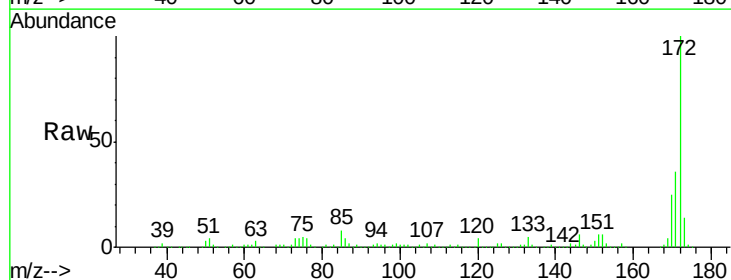
Tgt Ion:172 Resp: 1262654

Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.4

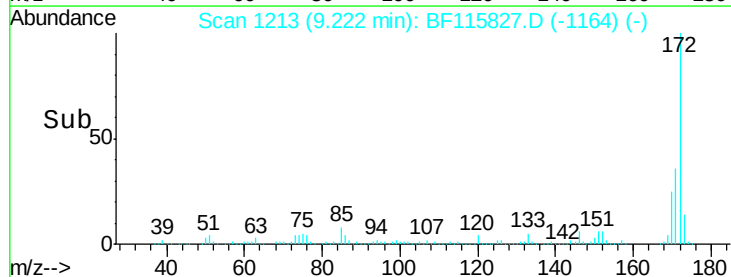
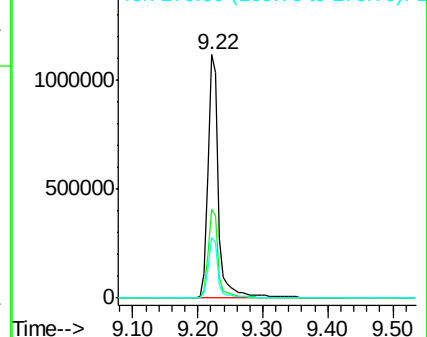
170 25.1 20.1 30.1

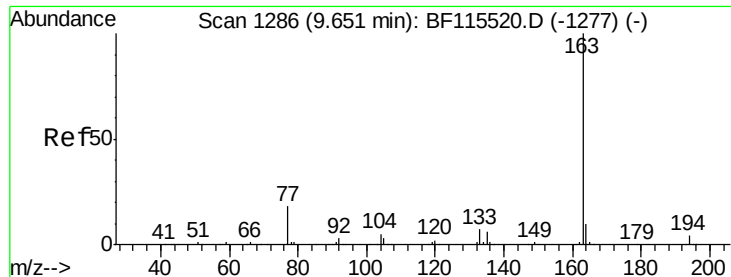


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

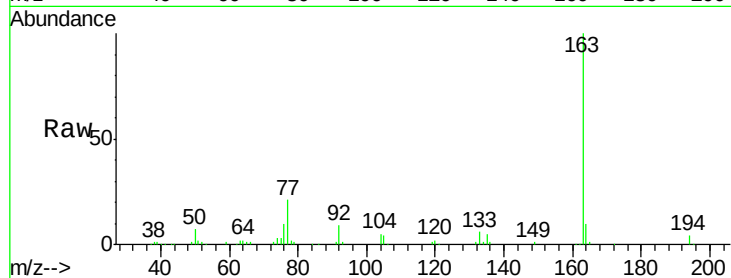




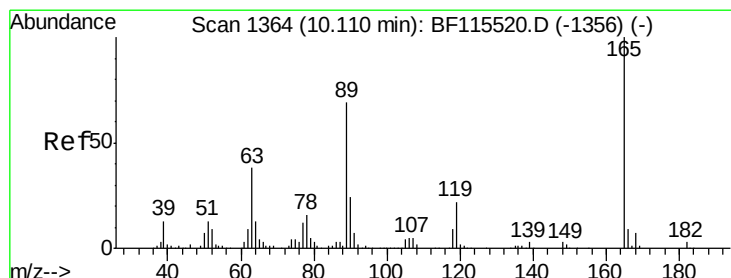
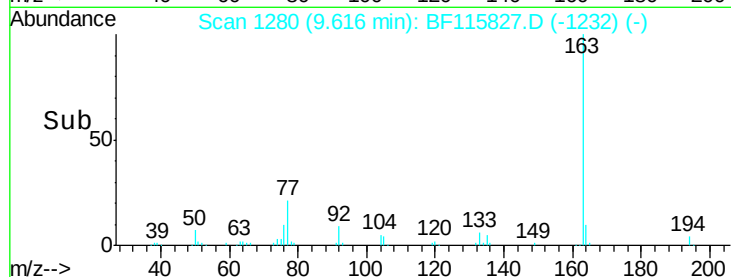
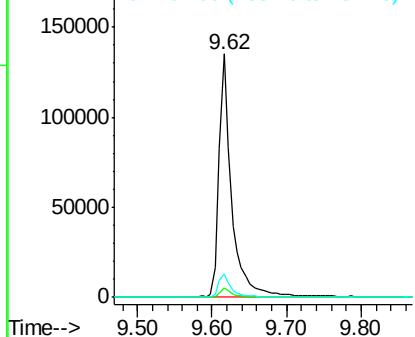
#50
Dimethylphthalate
Concen: 7.117 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF115827.D
Acq: 27 Jul 2019 13:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 160889
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 9.7 8.3 12.5

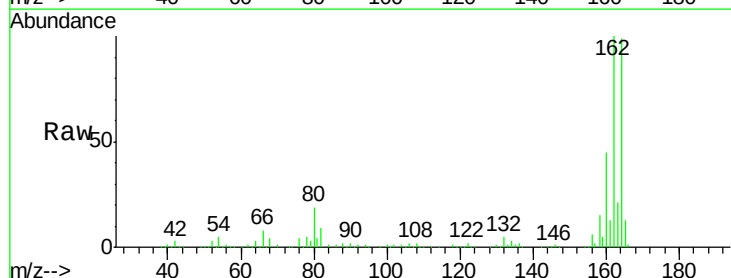


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

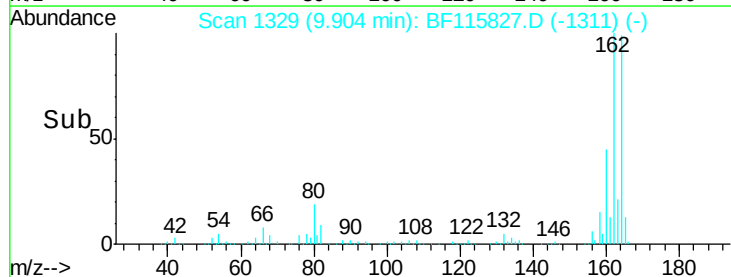
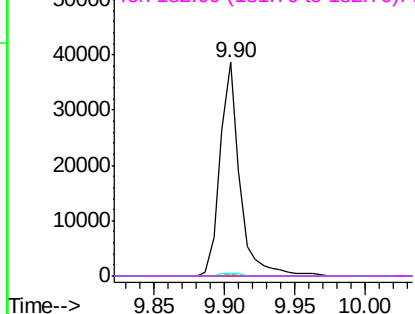


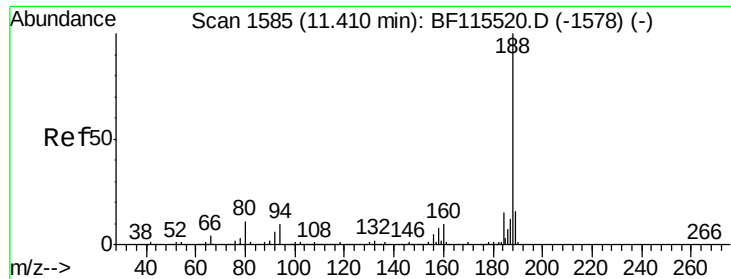
#57
2,4-Dinitrotoluene
Concen: 5.656 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.19 min
Lab File: BF115827.D
Acq: 27 Jul 2019 13:35

Tgt Ion:165 Resp: 37642
Ion Ratio Lower Upper
165 100
63 1.1 33.4 50.2#
89 1.5 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: BF115827.D

Acq: 27 Jul 2019 13:35

Instrument :

BNA_F

ClientSampleId :

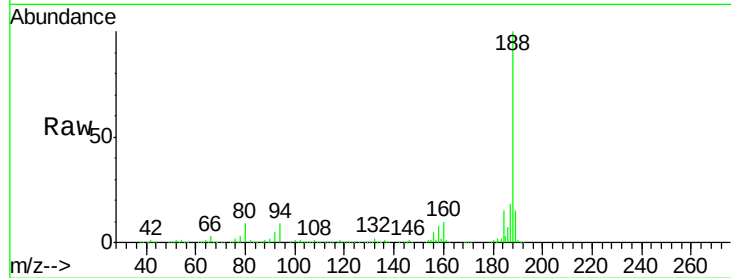
Tot Ion:188 Resp: 540459

Ion Ratio Lower Upper

188 100

94 8.5 8.2 12.2

80 9.3 9.0 13.6

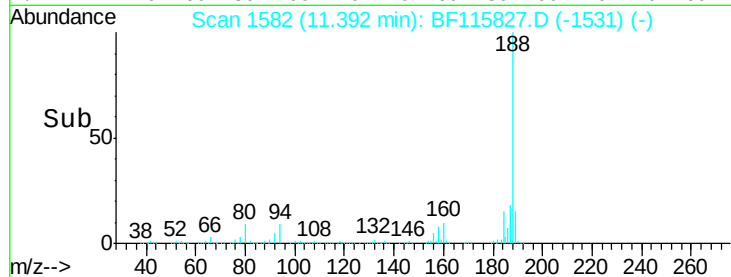


Abundance Ion 188.00 (187.70 to 188.70): E

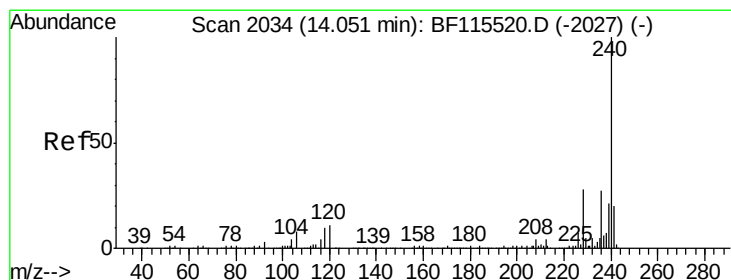
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF115827.D

Acq: 27 Jul 2019 13:35

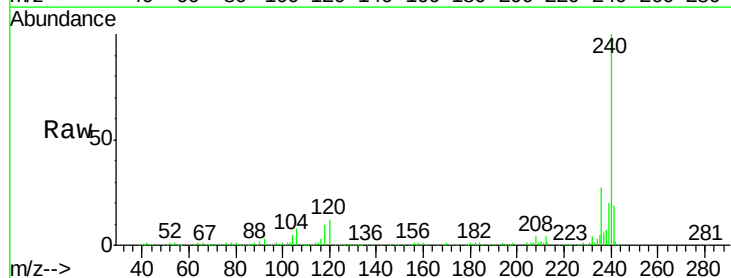
Tgt Ion:240 Resp: 403407

Ion Ratio Lower Upper

240 100

120 11.6 10.0 15.0

236 26.8 21.8 32.6

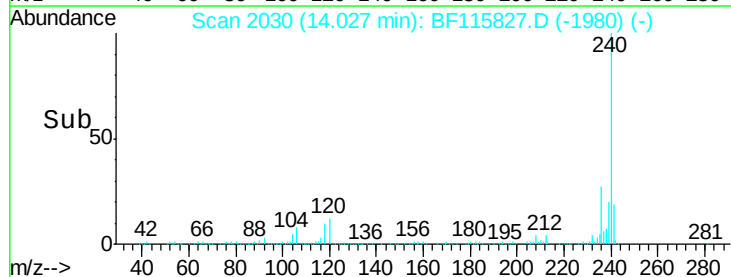


Abundance Ion 240.00 (239.70 to 240.70): E

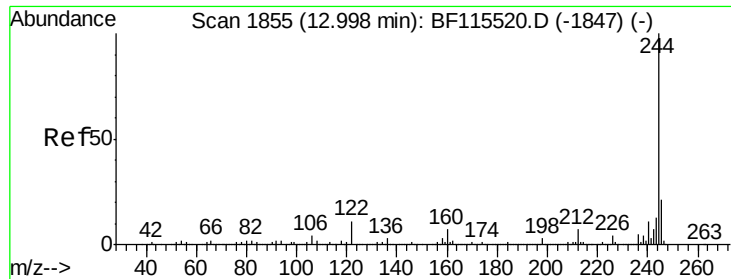
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



Time-->



#79

Terphenyl-d14

Concen: 64.162 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF115827.D

Acq: 27 Jul 2019 13:35

Instrument :

BNA_F

ClientSampleId :

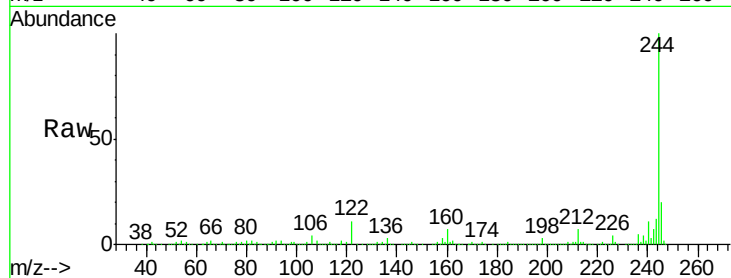
Tot Ion:244 Resp: 1402768

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

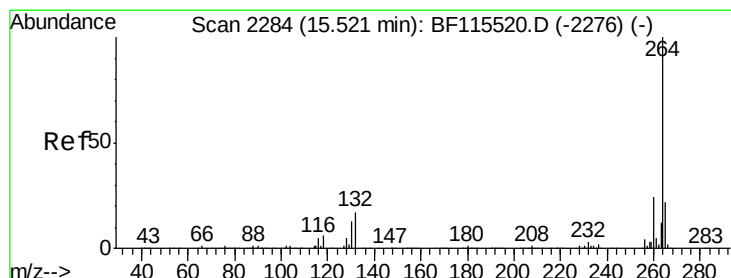
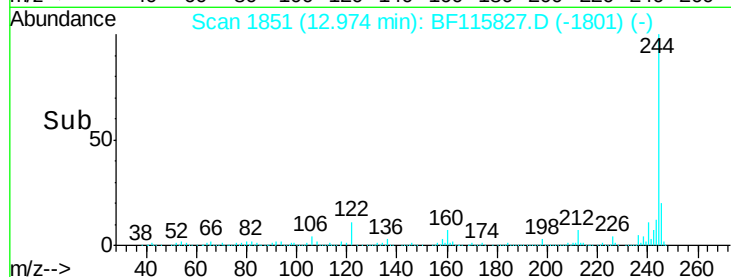
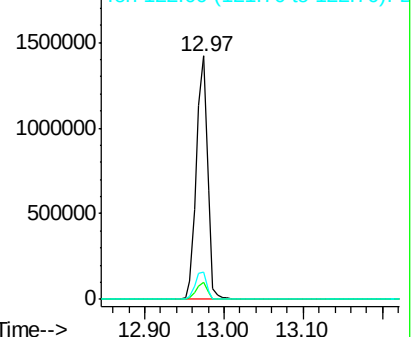
122 11.5 8.2 12.4



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: BF115827.D

Acq: 27 Jul 2019 13:35

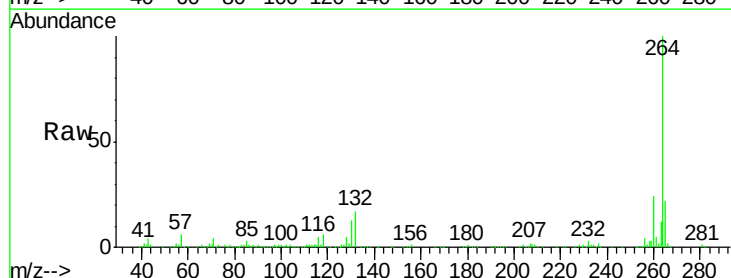
Tgt Ion:264 Resp: 394821

Ion Ratio Lower Upper

264 100

260 23.8 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

