

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072719\
 Data File : BF115828.D
 Acq On : 27 Jul 2019 14:02
 Operator : HP/JU
 Sample : K4000-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 29 01:00:38 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

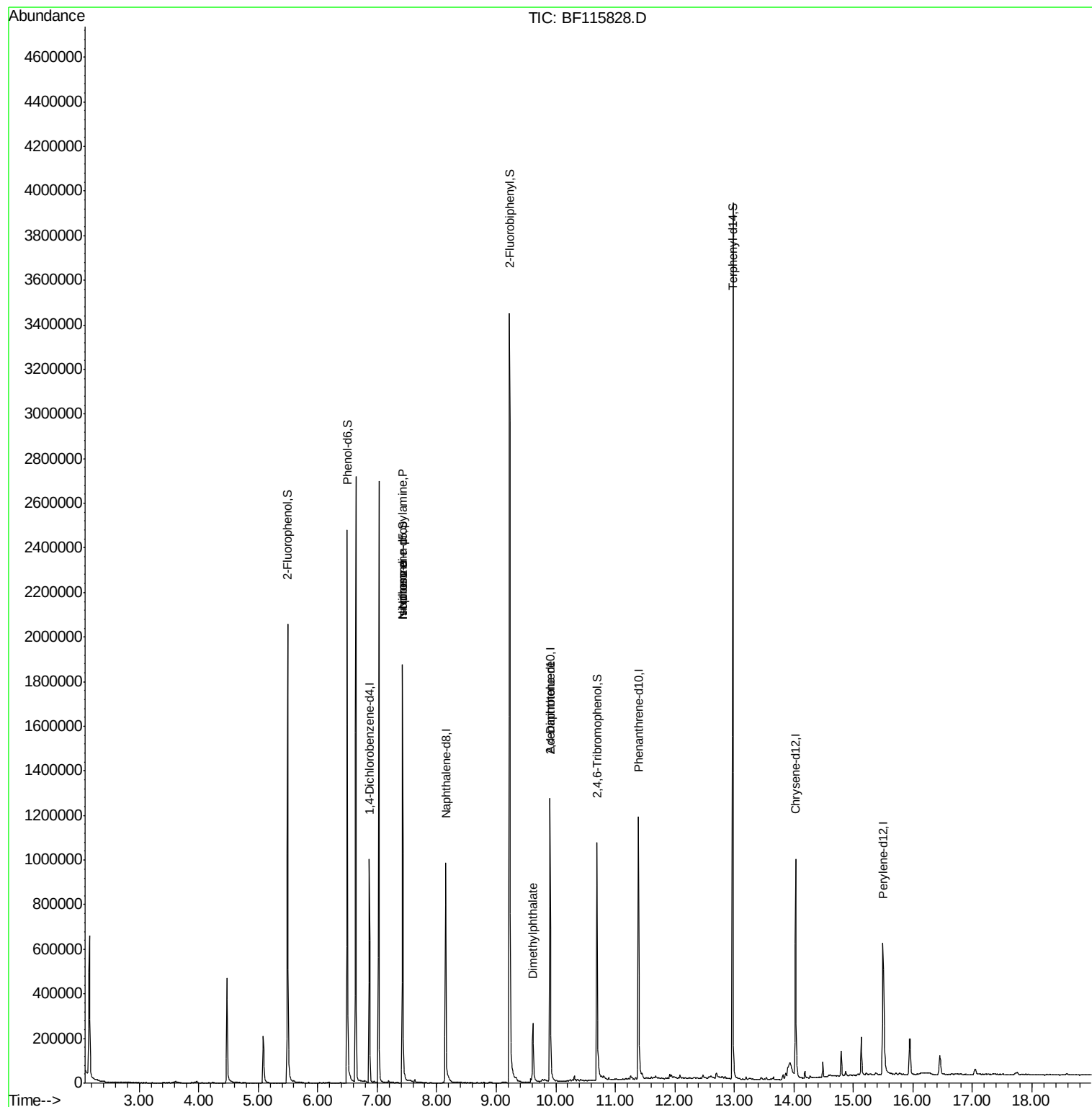
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	134410	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	521815	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	277280	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	502412	20.00	ng	0.00
76) Chrysene-d12	14.03	240	359988	20.00	ng	0.00
87) Perylene-d12	15.50	264	362634	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	639915	77.87	ng	0.00
7) Phenol-d6	6.50	99	956956	91.78	ng	0.00
23) Nitrobenzene-d5	7.43	82	650766	72.52	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	160924	49.72	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1266926	79.97	ng	-0.01
79) Terphenyl-d14	12.97	244	1379514	70.71	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	85815	12.620	ng	# 78
25) Isophorone	7.43	82	650758	36.239	ng	# 65
50) Dimethylphthalate	9.62	163	145525	6.976	ng	99
57) 2,4-Dinitrotoluene	9.90	165	35698	5.812	ng	# 24

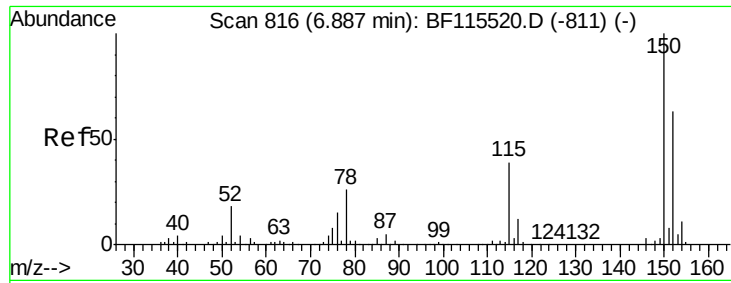
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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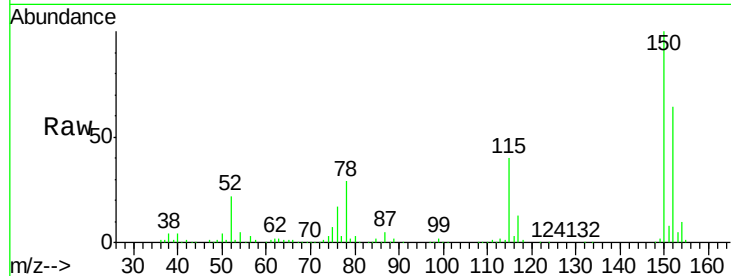


#1

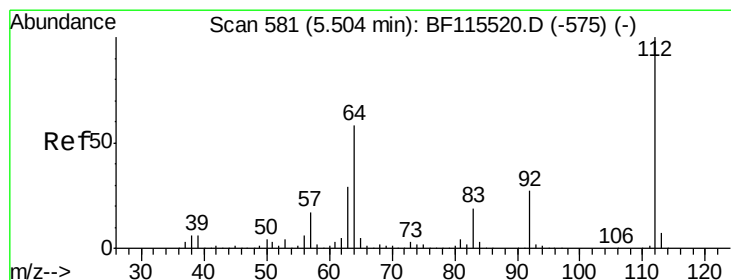
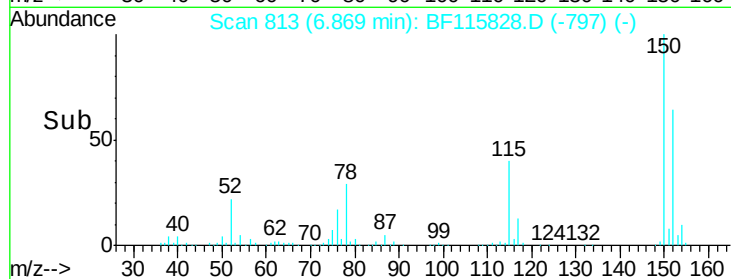
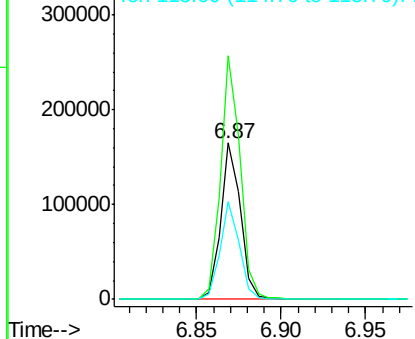
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF115828.D
 Acq: 27 Jul 2019 14:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 134410
 Ion Ratio Lower Upper
 152 100
 150 155.6 126.6 189.8
 115 62.8 47.8 71.6



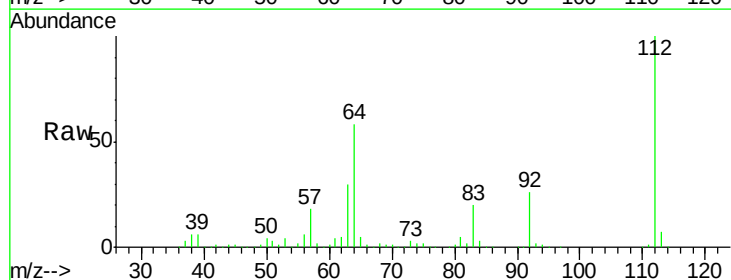
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



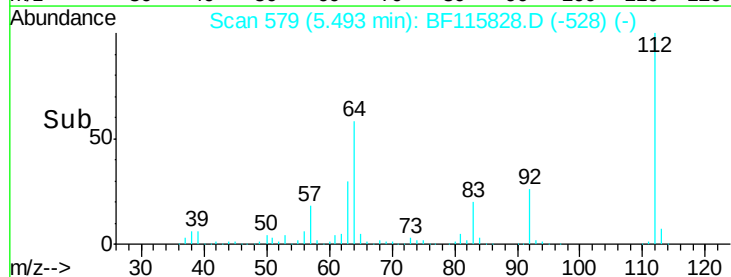
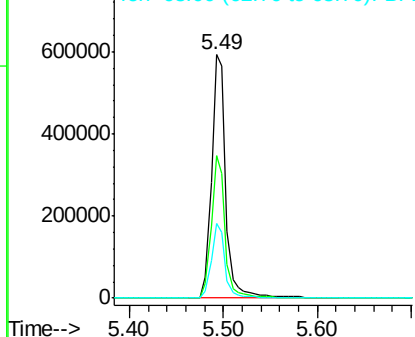
#5

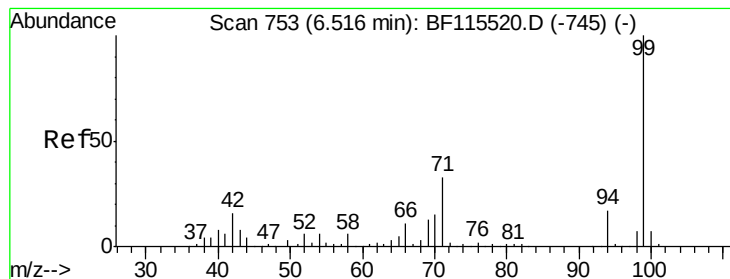
2-Fluorophenol
 Concen: 77.875 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF115828.D
 Acq: 27 Jul 2019 14:02

Tgt Ion:112 Resp: 639915
 Ion Ratio Lower Upper
 112 100
 64 58.3 45.8 68.8
 63 30.4 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: 91.779 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF115828.D

Acq: 27 Jul 2019 14:02

Instrument :

BNA_F

ClientSampled :

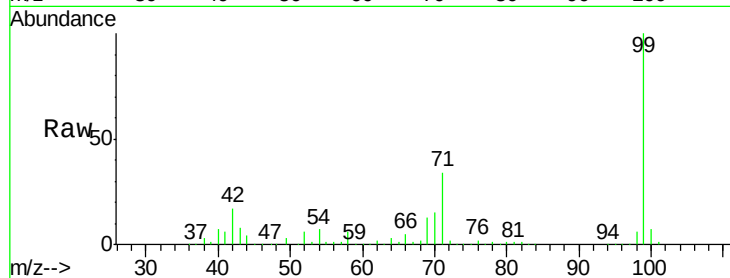
Tot Ion: 99 Resp: 956956

Ion Ratio Lower Upper

99 100

42 17.1 13.4 20.2

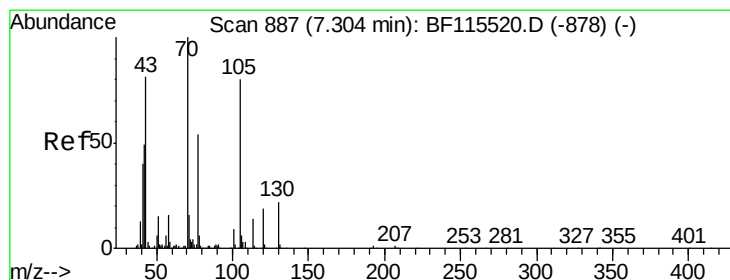
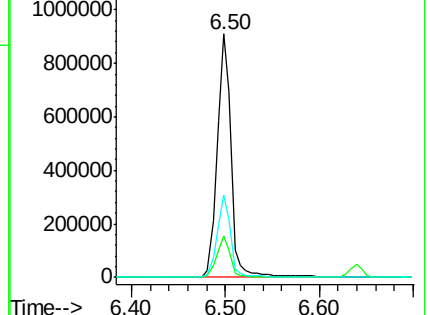
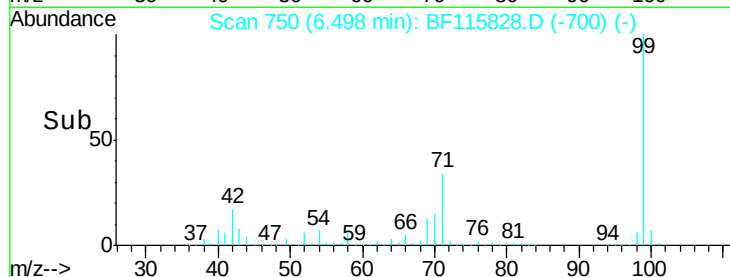
71 33.8 26.7 40.1



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: 12.620 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF115828.D

Acq: 27 Jul 2019 14:02

Tgt Ion: 70 Resp: 85815

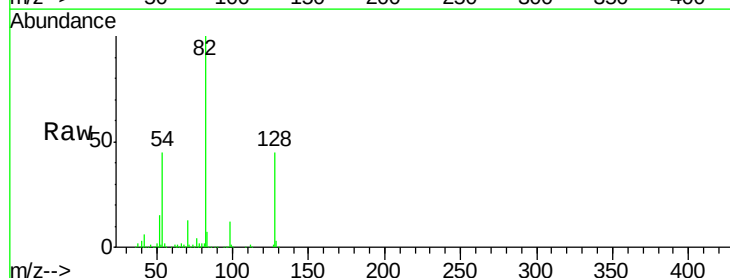
Ion Ratio Lower Upper

70 100

42 42.4 41.8 62.8

101 0.0 7.6 11.4#

130 2.2 16.9 25.3#

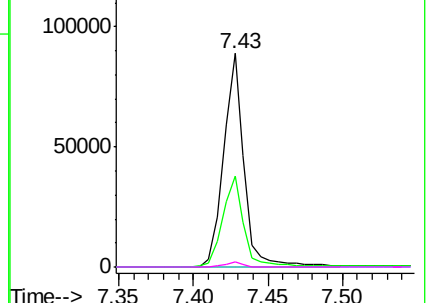
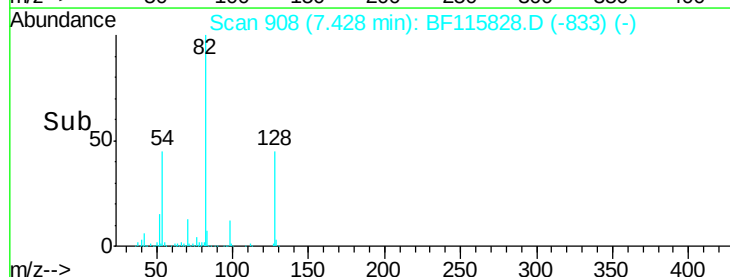


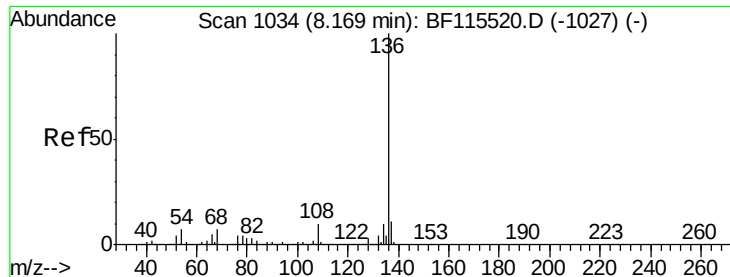
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

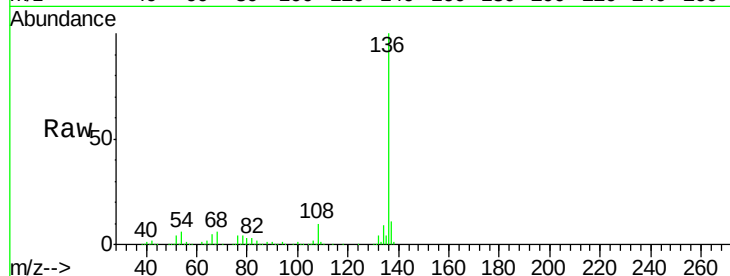




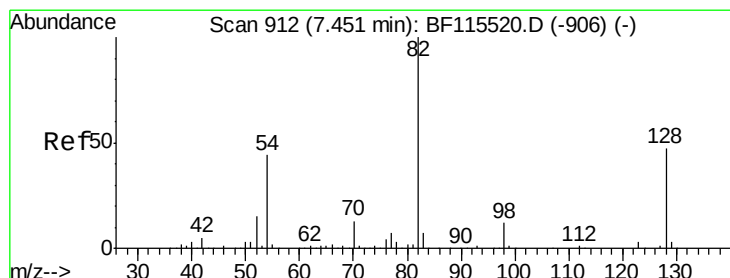
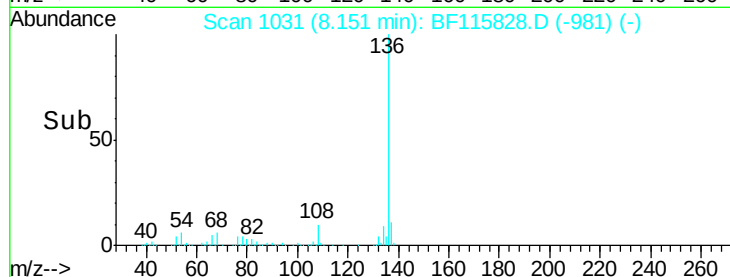
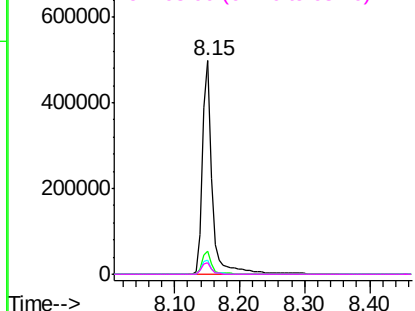
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF115828.D
Acq: 27 Jul 2019 14:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	521815
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.7	13.1
54 6.5	5.0	7.6
68 5.6	4.7	7.1

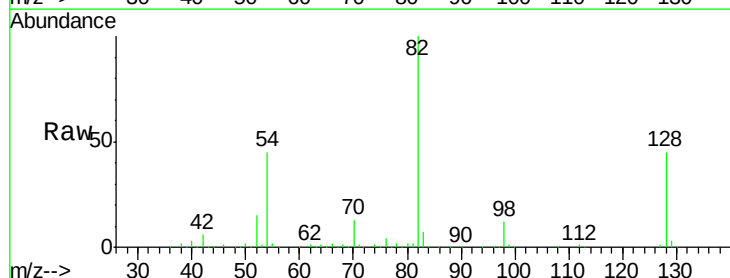


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

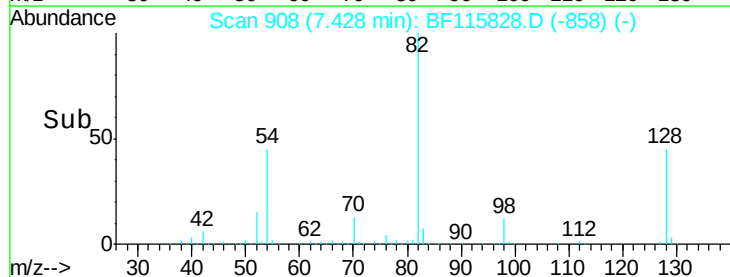
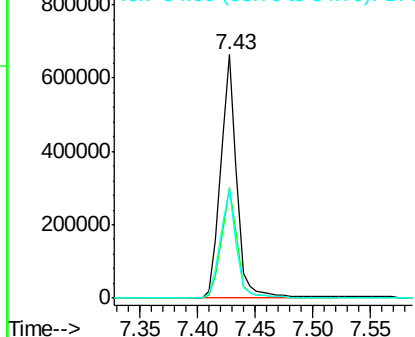


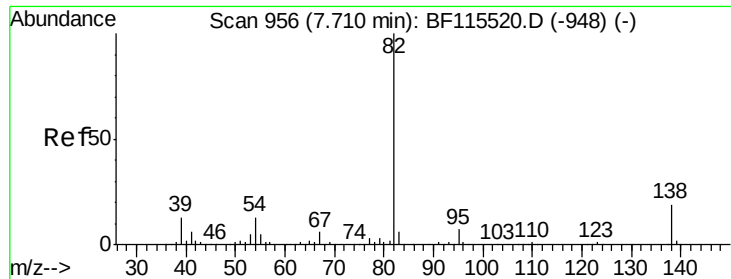
#23
Nitrobenzene-d5
Concen: 72.516 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF115828.D
Acq: 27 Jul 2019 14:02

Tgt Ion: 82	Resp: 650766
Ion Ratio	Lower Upper
82 100	
128 45.4	36.6 55.0
54 44.6	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: 36.239 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.26 min

Lab File: BF115828.D

Acq: 27 Jul 2019 14:02

Instrument :

BNA_F

ClientSampled :

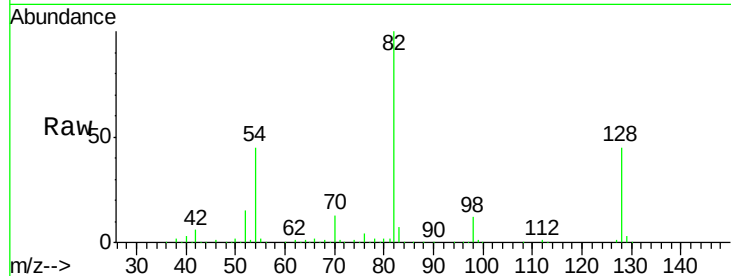
Tot Ion: 82 Resp: 650758

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.2 21.4#

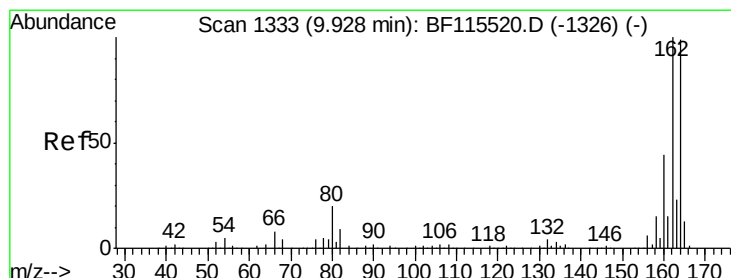
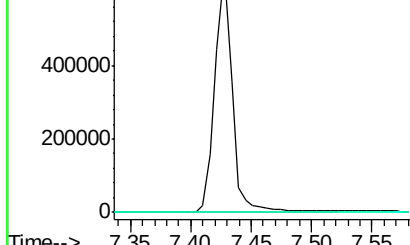
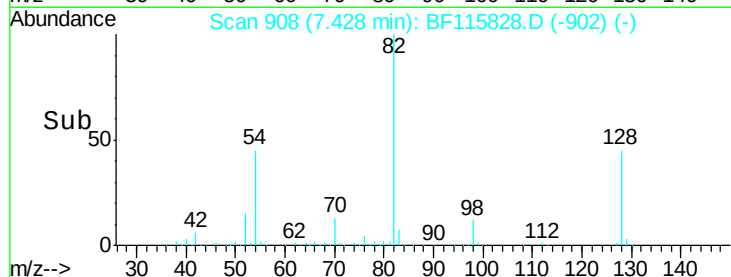


Abundance Ion 82.00 (81.70 to 82.70): BF115520.D (-948) (-)

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: BF115828.D

Acq: 27 Jul 2019 14:02

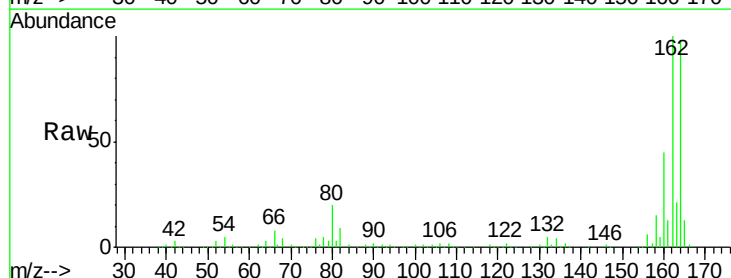
Tgt Ion: 164 Resp: 277280

Ion Ratio Lower Upper

164 100

162 101.9 81.8 122.6

160 45.9 37.5 56.3

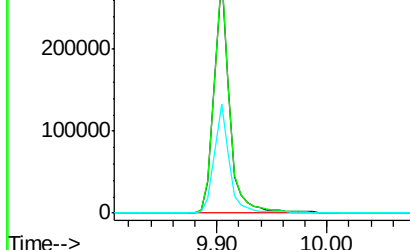
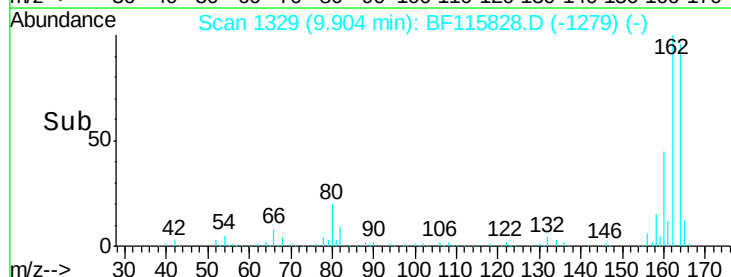


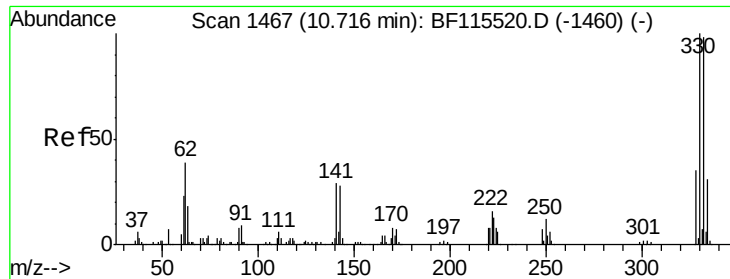
Abundance Ion 164.00 (163.70 to 164.70): BF115520.D (-1326) (-)

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

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

Time-->

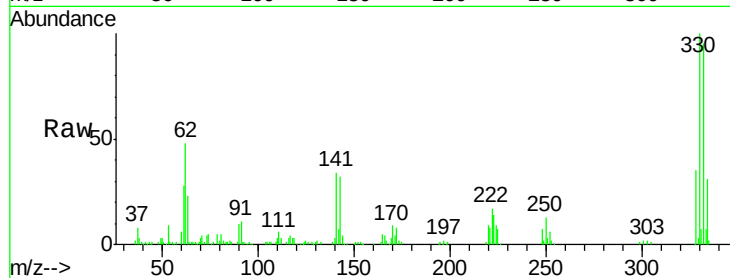




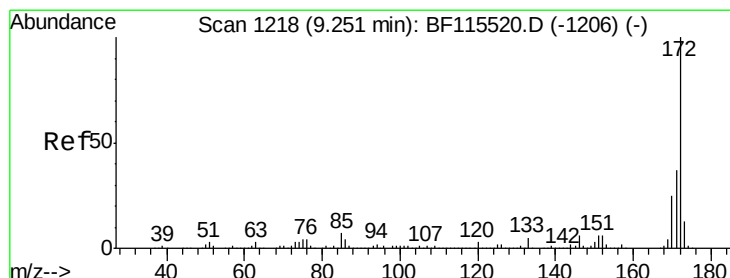
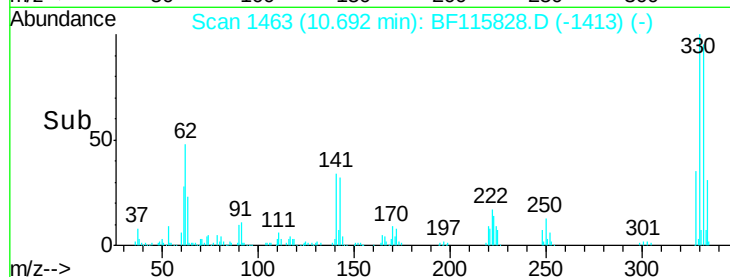
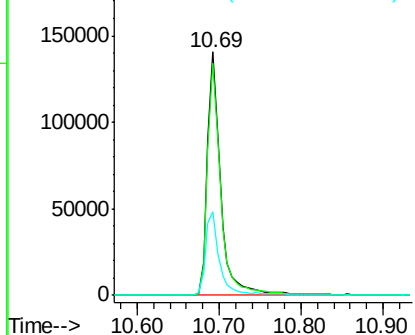
#42
 2,4,6-Tribromophenol
 Concen: 49.721 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF115828.D
 Acq: 27 Jul 2019 14:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 160924
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.1 114.1
 141 36.4 25.9 38.9

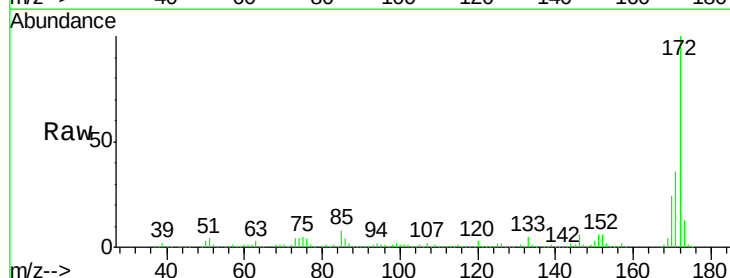


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

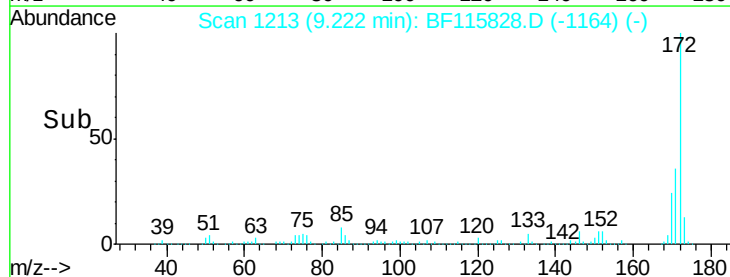
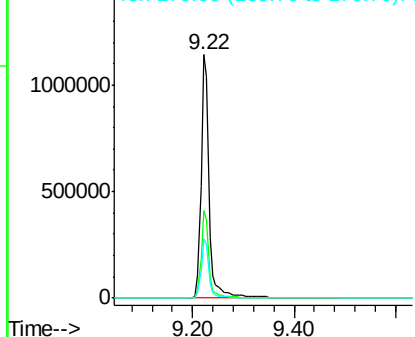


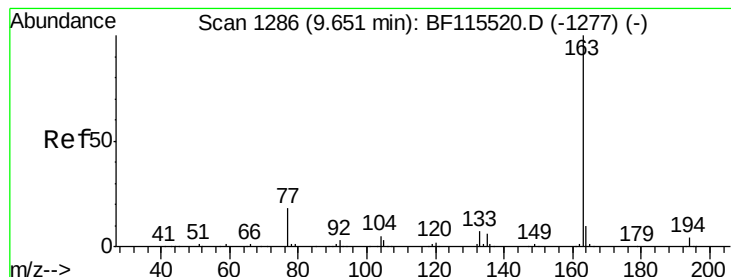
#45
 2-Fluorobiphenyl
 Concen: 79.973 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF115828.D
 Acq: 27 Jul 2019 14:02

Tgt Ion:172 Resp: 1266926
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.4
 170 24.5 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: 6.976 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BF115828.D

Acq: 27 Jul 2019 14:02

Instrument :

BNA_F

ClientSampleId :

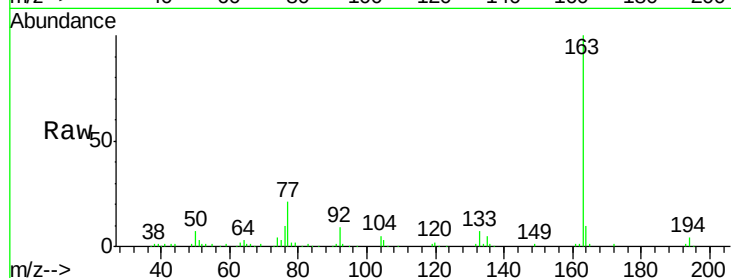
Tot Ion:163 Resp: 145525

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

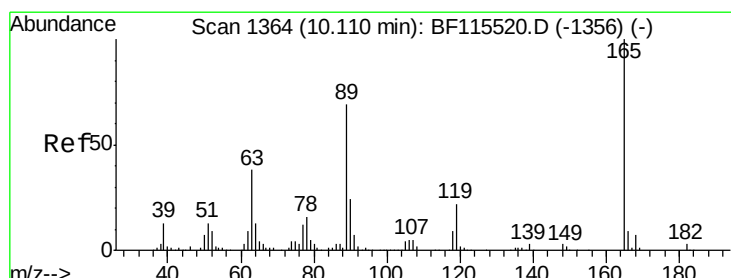
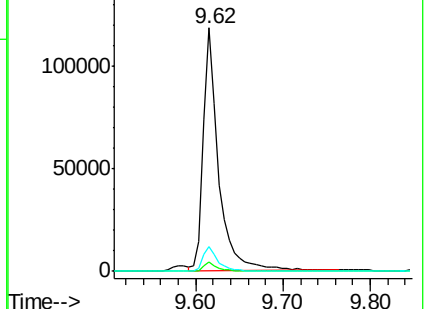
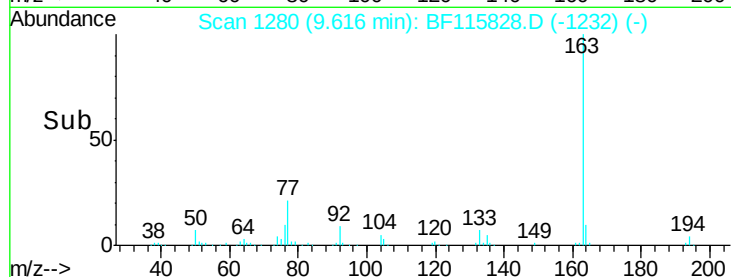
164 10.0 8.3 12.5



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: 5.812 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.19 min

Lab File: BF115828.D

Acq: 27 Jul 2019 14:02

Tgt Ion:165 Resp: 35698

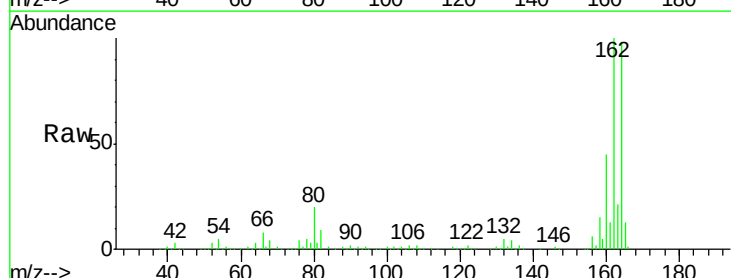
Ion Ratio Lower Upper

165 100

63 1.2 33.4 50.2#

89 1.1 57.3 85.9#

182 0.0 2.1 3.1#

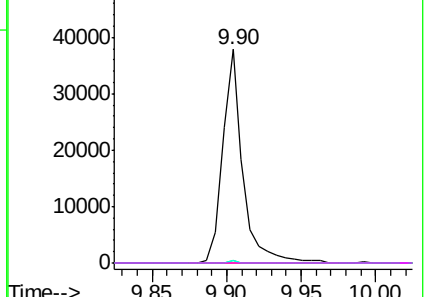
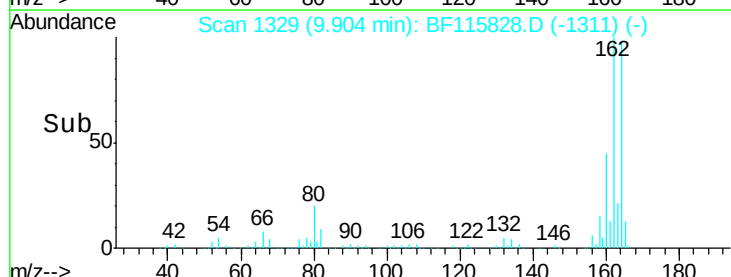


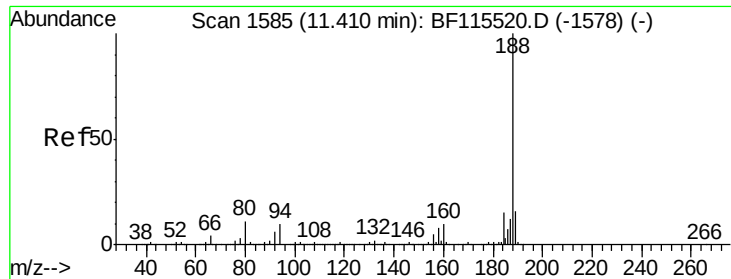
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF115828.D

Acq: 27 Jul 2019 14:02

Instrument :

BNA_F

ClientSampleId :

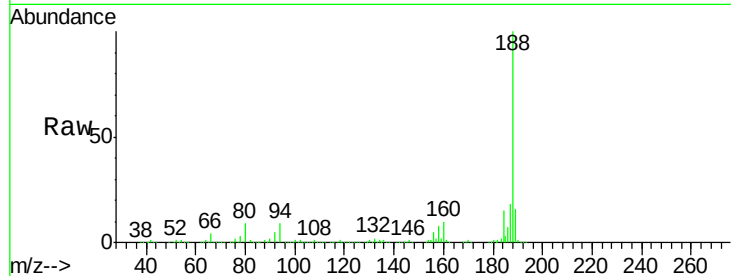
Tot Ion:188 Resp: 502412

Ion Ratio Lower Upper

188 100

94 8.7 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

600000

500000

400000

300000

200000

100000

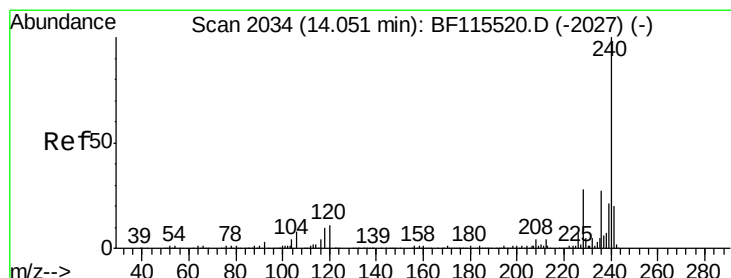
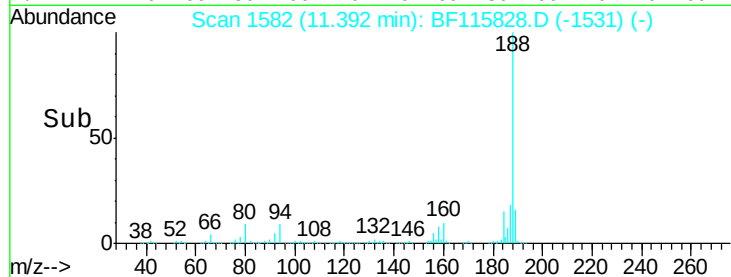
0

11.39

11.40

11.60

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF115828.D

Acq: 27 Jul 2019 14:02

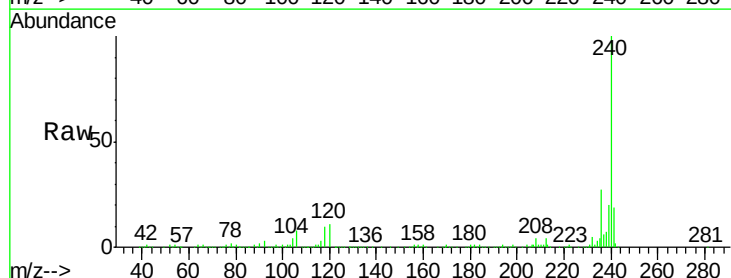
Tgt Ion:240 Resp: 359988

Ion Ratio Lower Upper

240 100

120 11.1 10.0 15.0

236 27.2 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

400000

300000

200000

100000

0

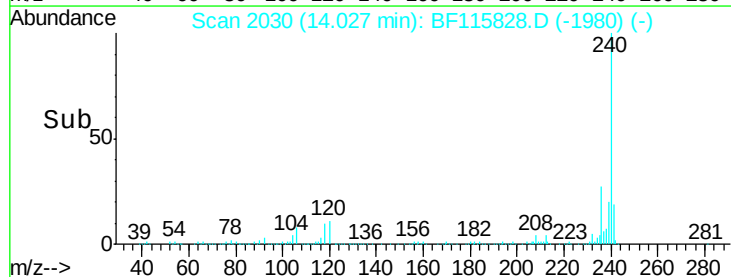
14.03

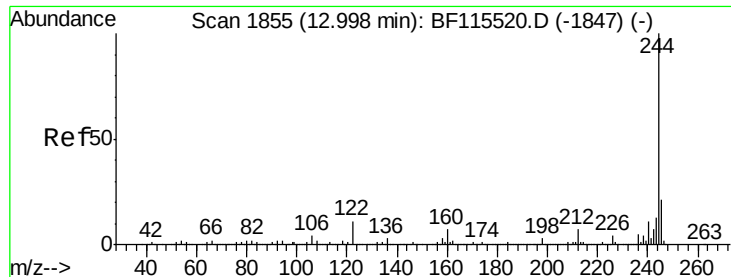
14.00

14.10

14.20

Time-->





#79

Terphenyl-d14

Concen: 70.709 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF115828.D

Acq: 27 Jul 2019 14:02

Instrument :

BNA_F

ClientSampleId :

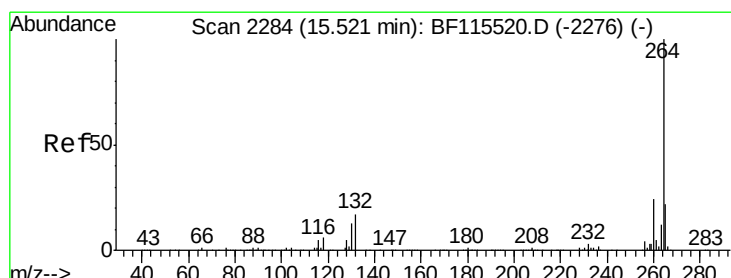
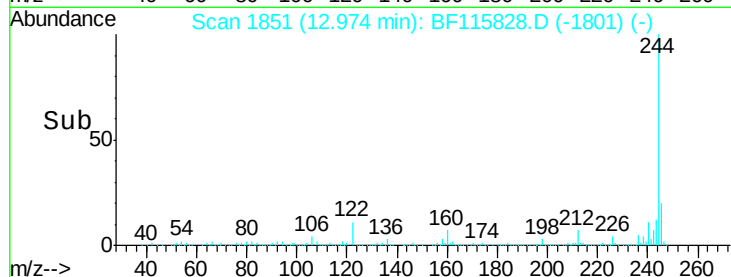
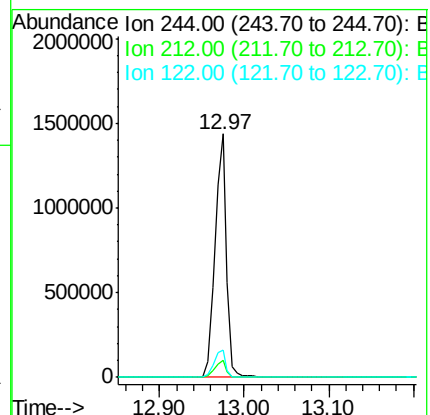
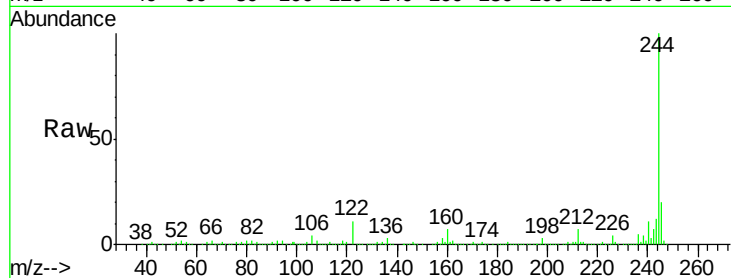
Tot Ion:244 Resp: 1379514

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 11.1 8.2 12.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BF115828.D

Acq: 27 Jul 2019 14:02

Tgt Ion:264 Resp: 362634

Ion Ratio Lower Upper

264 100

260 23.8 19.8 29.6

265 21.6 17.5 26.3

