

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081919\
 Data File : BF116390.D
 Acq On : 19 Aug 2019 15:25
 Operator : HP/JU
 Sample : K4356-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1RE

Quant Time: Aug 19 16:18:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

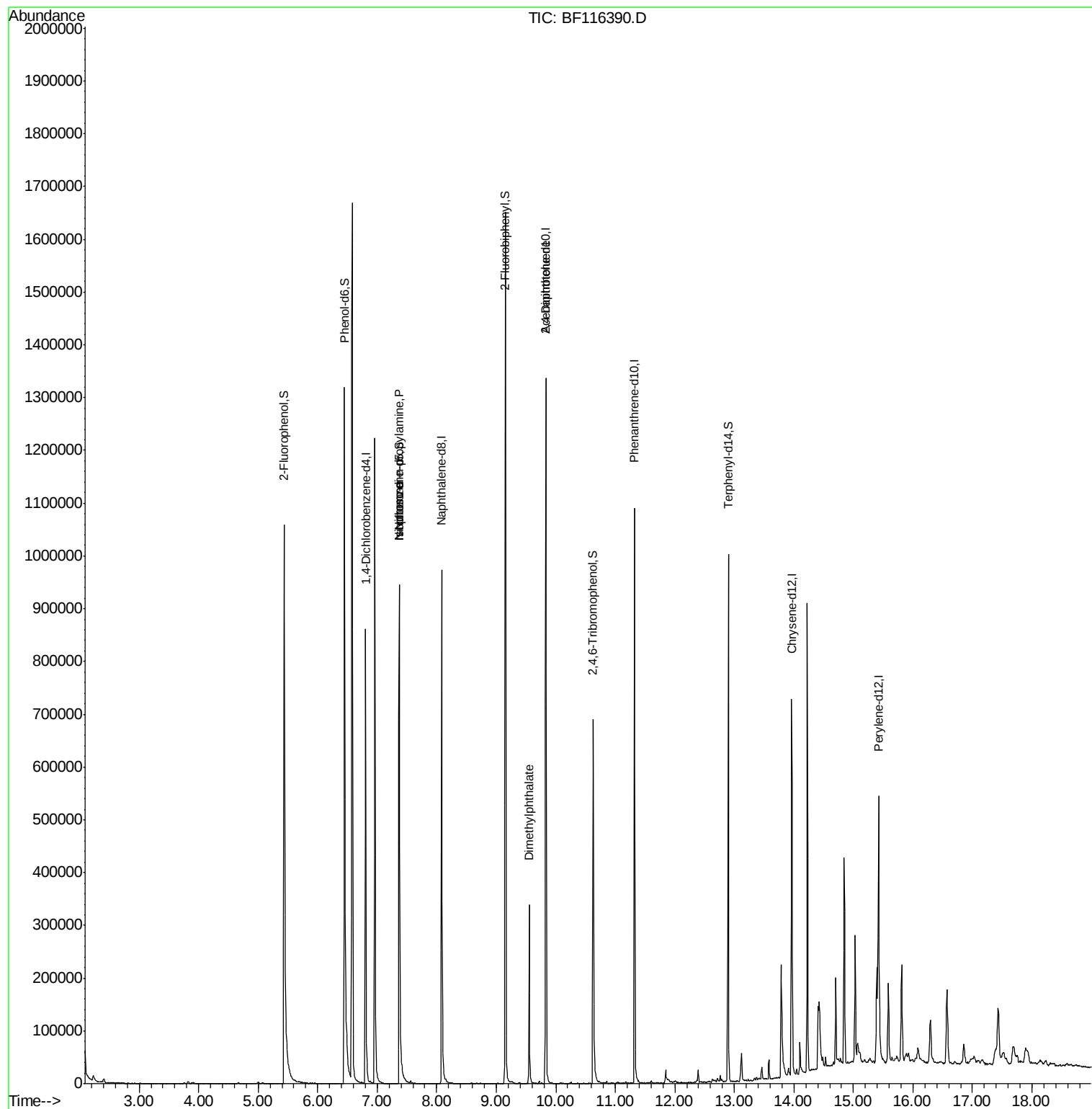
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	130740	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	516380	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	260303	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	390333	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	242032	20.00	ng	-0.02
87) Perylene-d12	15.42	264	257532	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	448015	57.37	ng	0.00
7) Phenol-d6	6.45	99	611217	62.03	ng	-0.02
23) Nitrobenzene-d5	7.37	82	373871	41.79	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	99951	39.60	ng	-0.02
45) 2-Fluorobiphenyl	9.15	172	533552	38.39	ng	-0.02
79) Terphenyl-d14	12.90	244	343238	29.88	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	48553	7.952	ng	# 79
25) Isophorone	7.37	82	373871	21.856	ng	# 65
50) Dimethylphthalate	9.55	163	140282	7.915	ng	100
57) 2,4-Dinitrotoluene	9.83	165	32459	6.330	ng	# 20

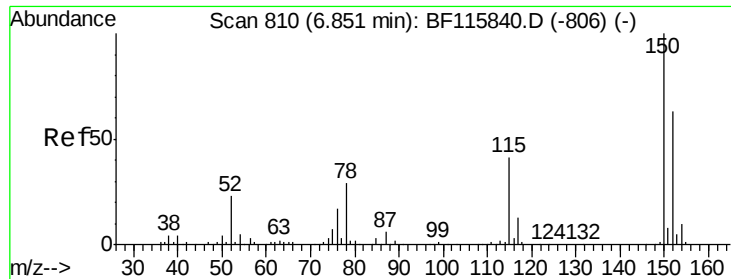
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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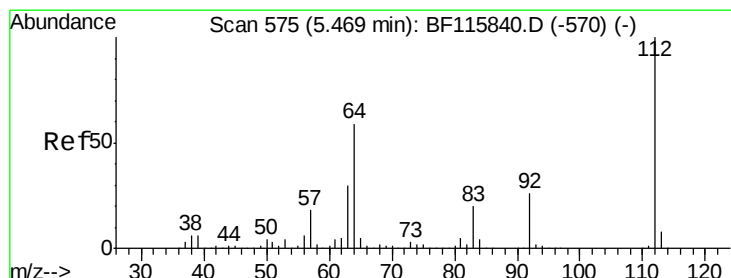
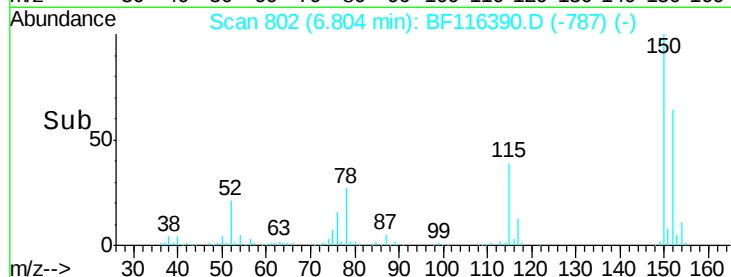
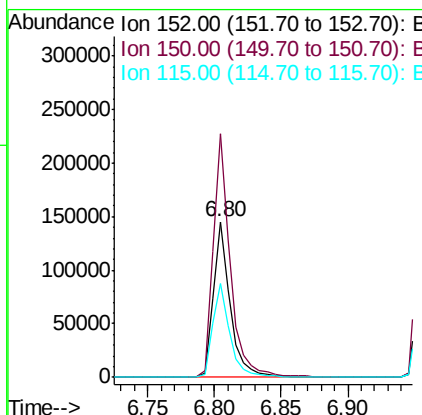
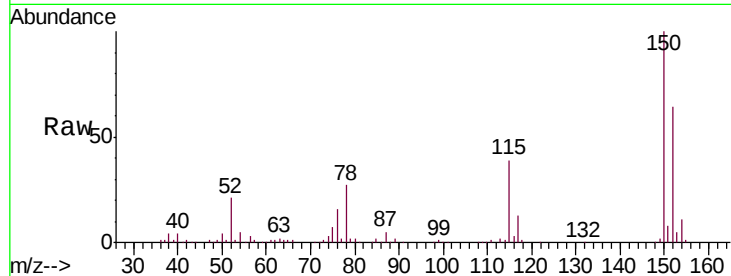




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF116390.D
 Acq: 19 Aug 2019 15:25

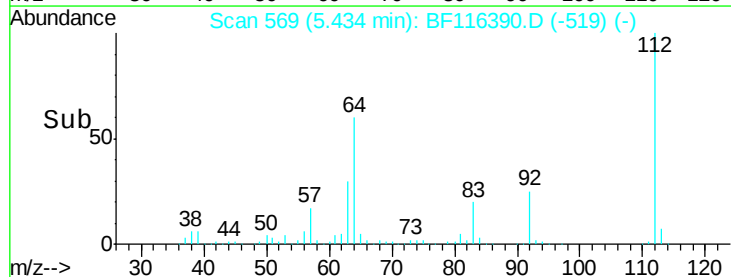
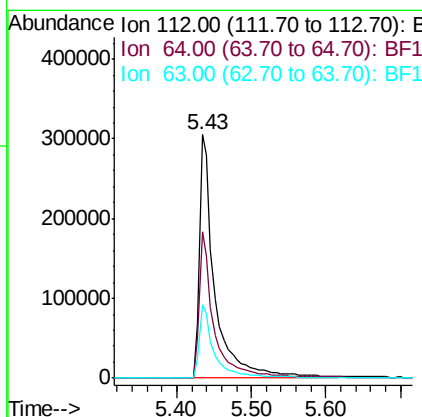
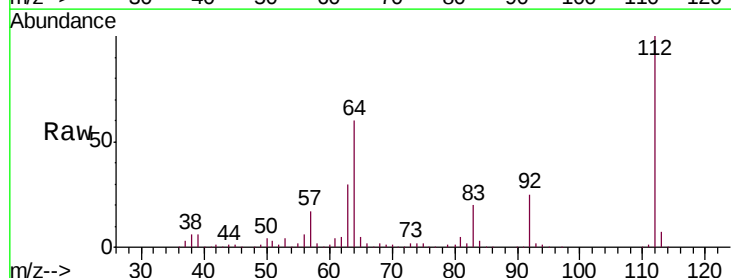
Instrument :
 BNA_F
 ClientSampleId :
 TP-1RE

Tgt Ion:152 Resp: 130740
 Ion Ratio Lower Upper
 152 100
 150 156.2 126.2 189.2
 115 60.6 49.9 74.9



#5
 2-Fluorophenol
 Concen: 57.366 ng
 RT: 5.43 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: BF116390.D
 Acq: 19 Aug 2019 15:25

Tgt Ion:112 Resp: 448015
 Ion Ratio Lower Upper
 112 100
 64 60.0 45.4 68.2
 63 30.3 23.7 35.5





#7

Phenol-d6

Concen: 62.031 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF116390.D

Acq: 19 Aug 2019 15:25

Instrument :

BNA_F

ClientSampleId :

TP-1RE

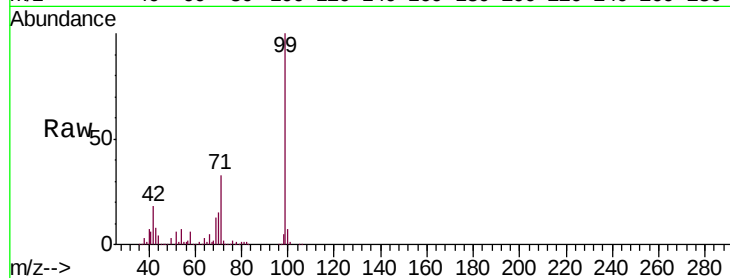
Tgt Ion: 99 Resp: 611217

Ion Ratio Lower Upper

99 100

42 17.7 13.8 20.8

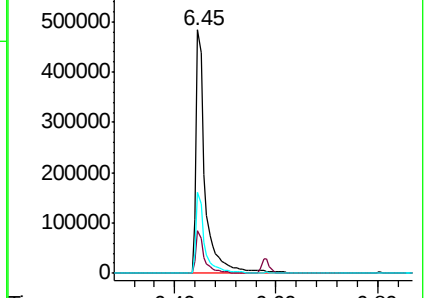
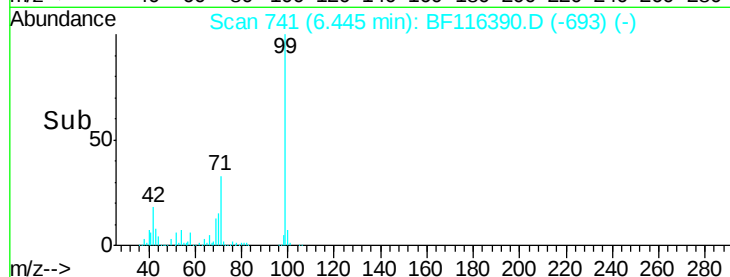
71 33.2 27.3 40.9



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: 7.952 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.14 min

Lab File: BF116390.D

Acq: 19 Aug 2019 15:25

Tgt Ion: 70 Resp: 48553

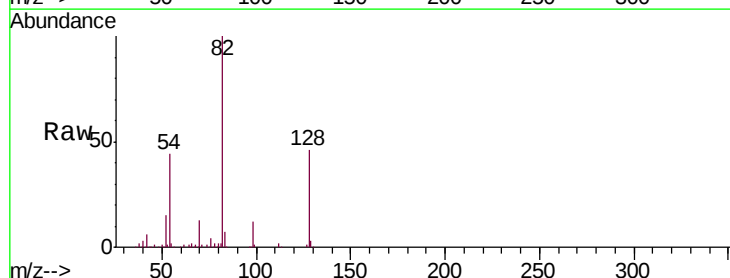
Ion Ratio Lower Upper

70 100

42 42.6 40.9 61.3

101 0.0 7.9 11.9#

130 2.8 16.9 25.3#

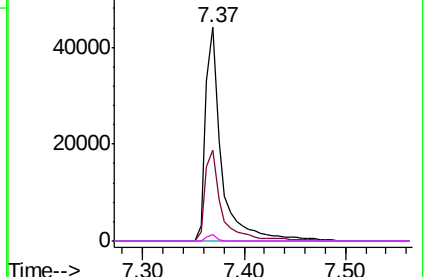
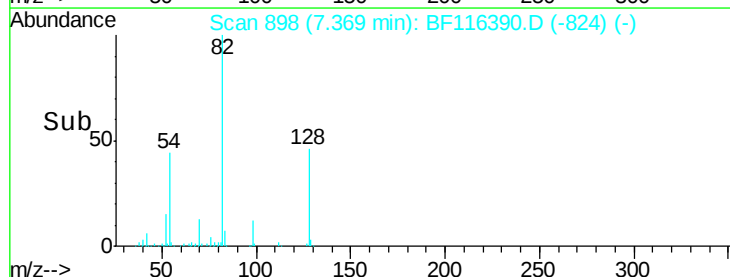


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF116390.D

Acq: 19 Aug 2019 15:25

Instrument :

BNA_F

ClientSampleId :

TP-1RE

Tgt Ion:136 Resp: 516380

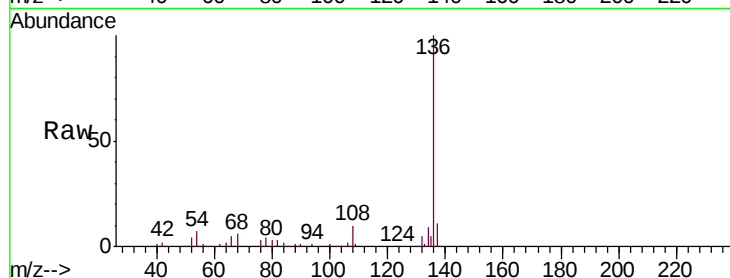
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 6.6 5.8 8.6

68 6.0 5.2 7.8

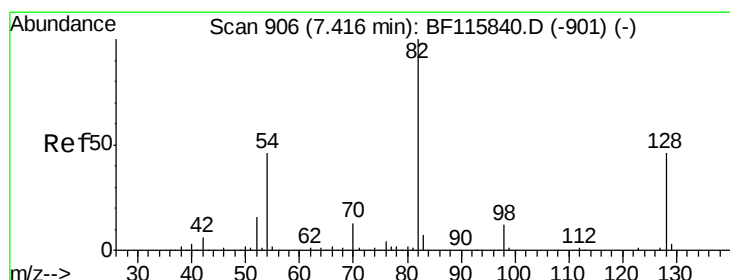
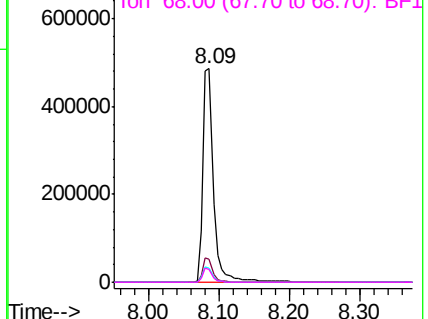
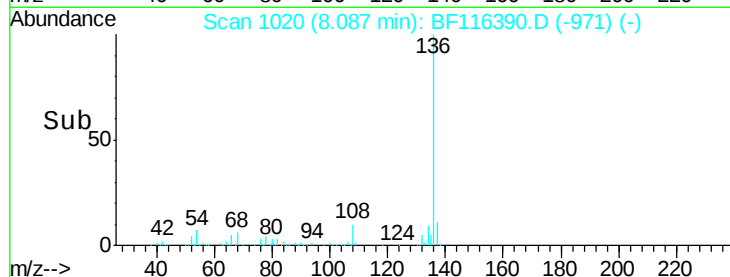


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.793 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.02 min

Lab File: BF116390.D

Acq: 19 Aug 2019 15:25

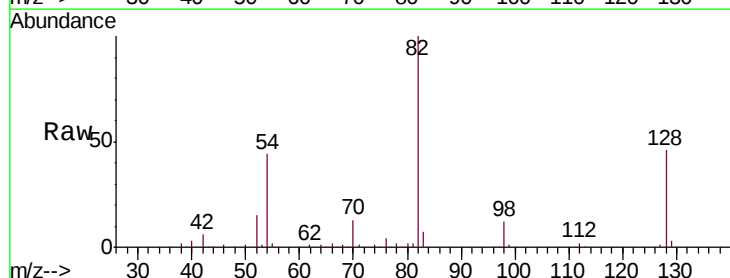
Tgt Ion: 82 Resp: 373871

Ion Ratio Lower Upper

82 100

128 46.4 36.5 54.7

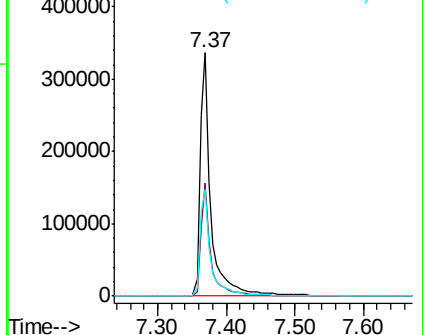
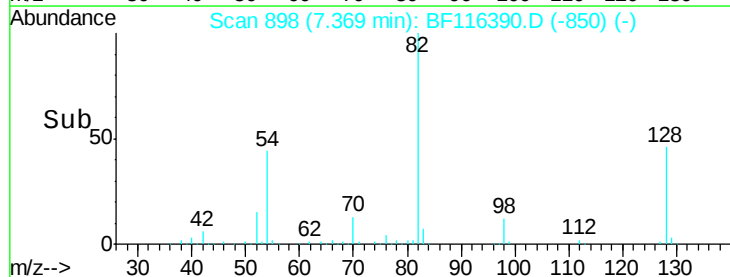
54 43.6 36.0 54.0



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: 21.856 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.27 min

Lab File: BF116390.D

Acq: 19 Aug 2019 15:25

Instrument :

BNA_F

ClientSampleId :

TP-1RE

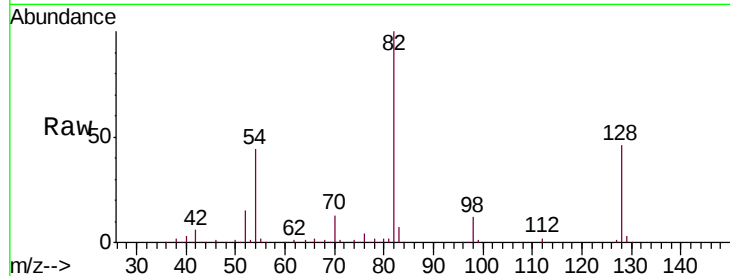
Tgt Ion: 82 Resp: 373871

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

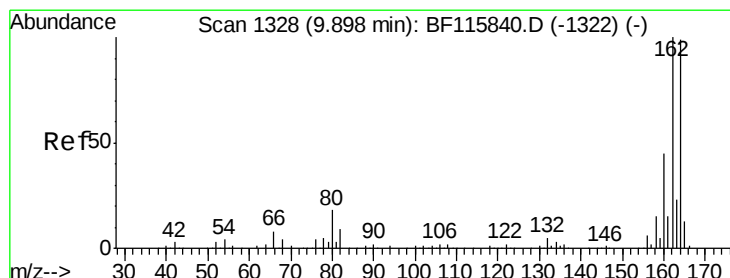
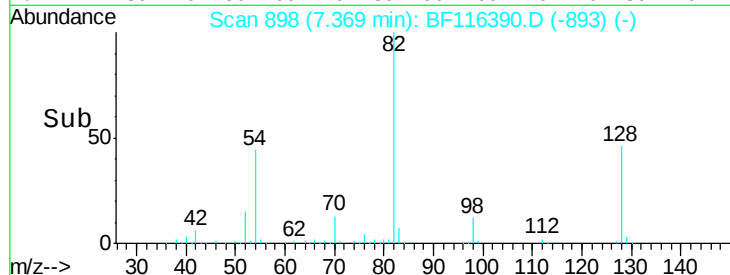
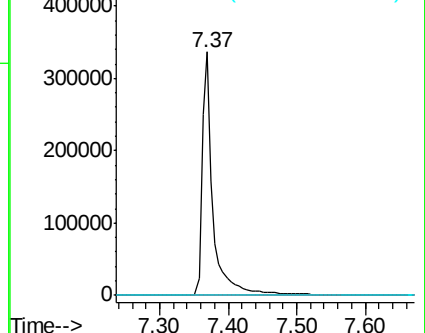
138 0.0 14.5 21.7#



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: 9.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BF116390.D

Acq: 19 Aug 2019 15:25

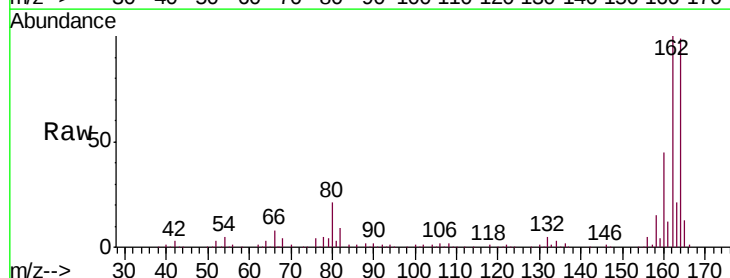
Tgt Ion: 164 Resp: 260303

Ion Ratio Lower Upper

164 100

162 100.9 82.6 124.0

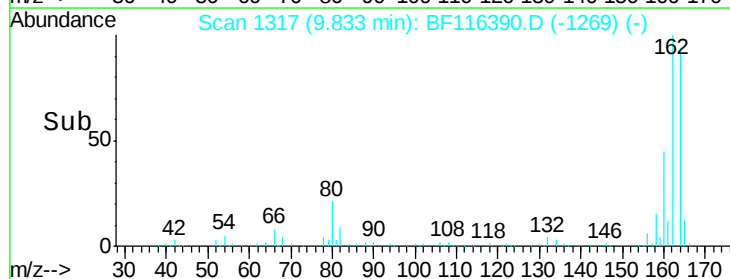
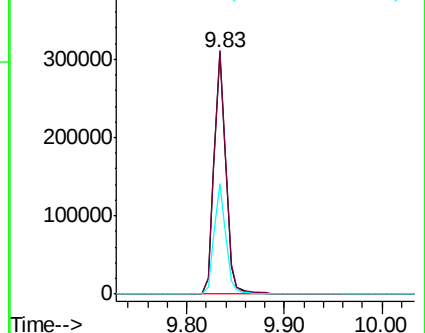
160 45.6 37.6 56.4



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

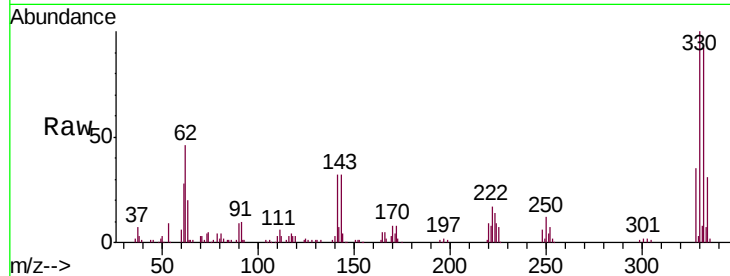




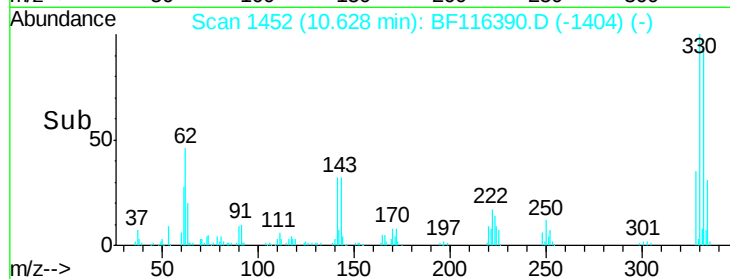
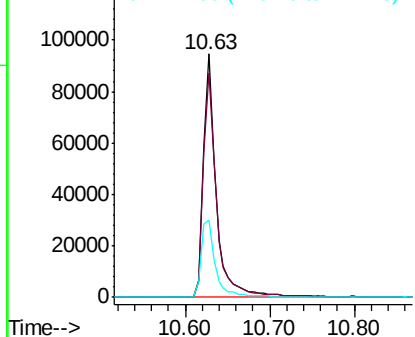
#42
 2,4,6-Tribromophenol
 Concen: 39.605 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BF116390.D
 Acq: 19 Aug 2019 15:25

Instrument :
 BNA_F
 ClientSampleId :
 TP-1RE

Tgt Ion:330 Resp: 99951
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.8 115.2
 141 35.1 26.3 39.5

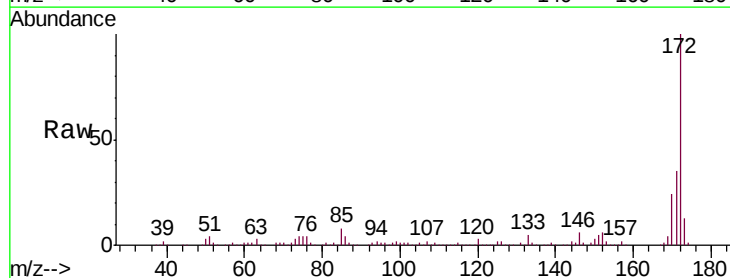


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

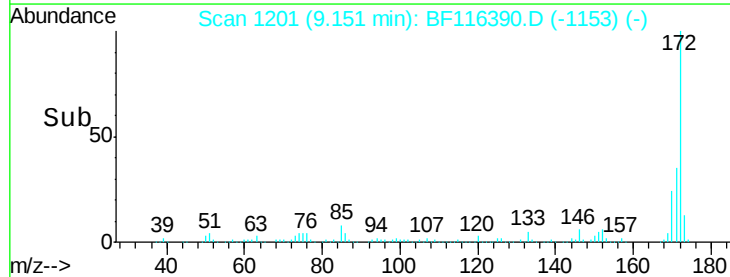
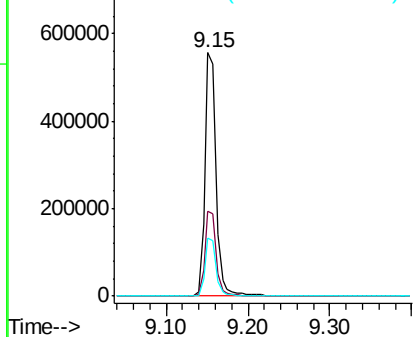


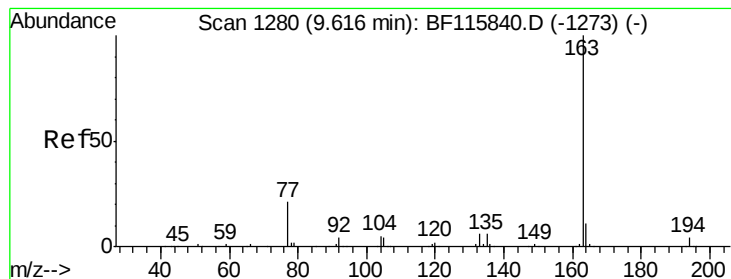
#45
 2-Fluorobiphenyl
 Concen: 38.393 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.02 min
 Lab File: BF116390.D
 Acq: 19 Aug 2019 15:25

Tgt Ion:172 Resp: 533552
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.6 44.4
 170 24.1 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: 7.915 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF116390.D

Acq: 19 Aug 2019 15:25

Instrument :

BNA_F

ClientSampleId :

TP-1RE

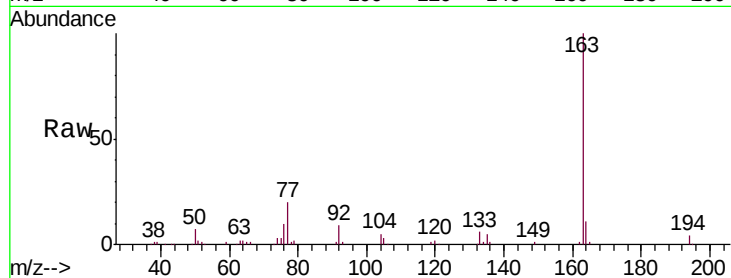
Tgt Ion:163 Resp: 140282

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

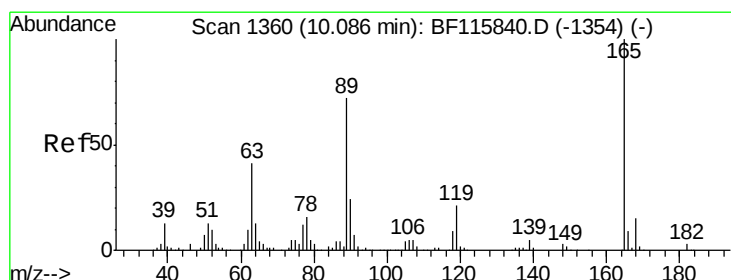
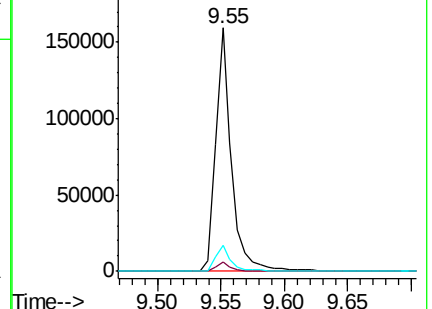
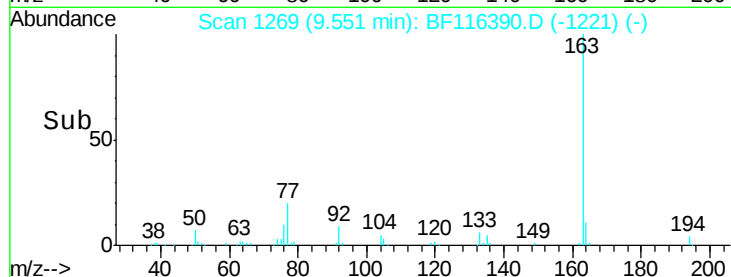
164 10.5 8.4 12.6



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



#57

2,4-Dinitrotoluene

Concen: 6.330 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.22 min

Lab File: BF116390.D

Acq: 19 Aug 2019 15:25

Tgt Ion:165 Resp: 32459

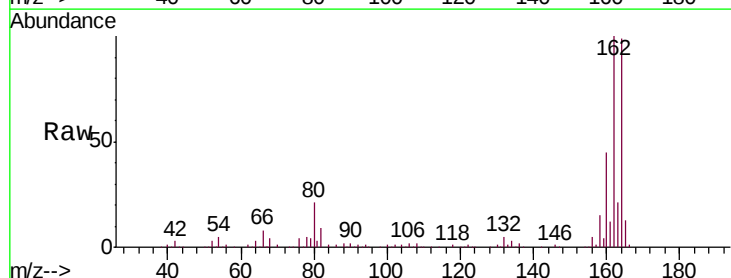
Ion Ratio Lower Upper

165 100

63 1.1 39.6 59.4#

89 1.3 62.2 93.2#

182 0.0 2.1 3.1#

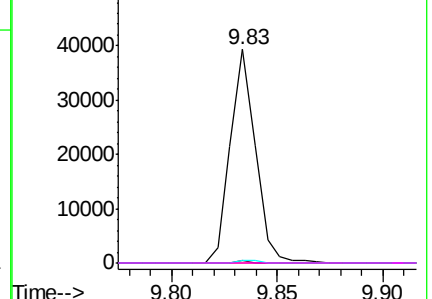
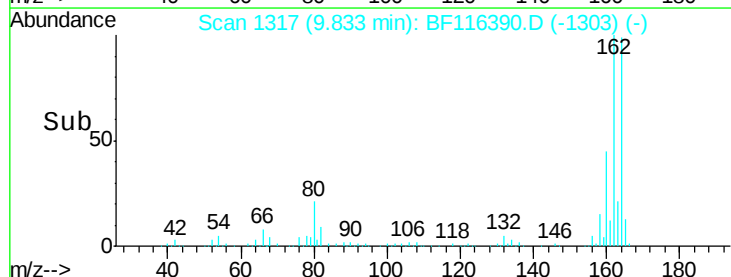


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.32 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BF116390.D

Acq: 19 Aug 2019 15:25

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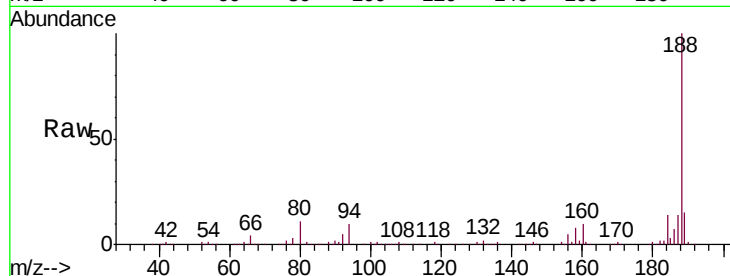
Tgt Ion:188 Resp: 390333

Ion Ratio Lower Upper

188 100

94 9.9 8.1 12.1

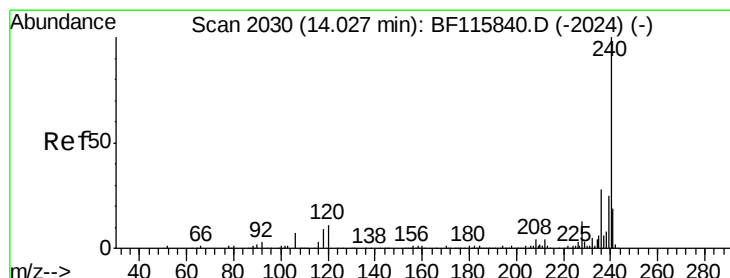
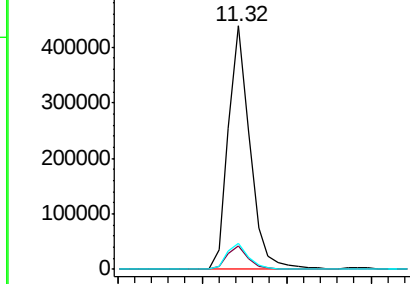
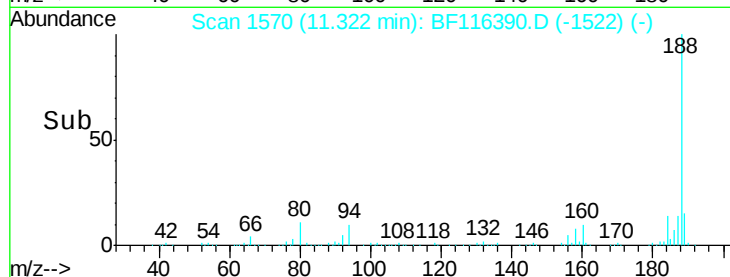
80 10.7 8.7 13.1



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.02 min

Lab File: BF116390.D

Acq: 19 Aug 2019 15:25

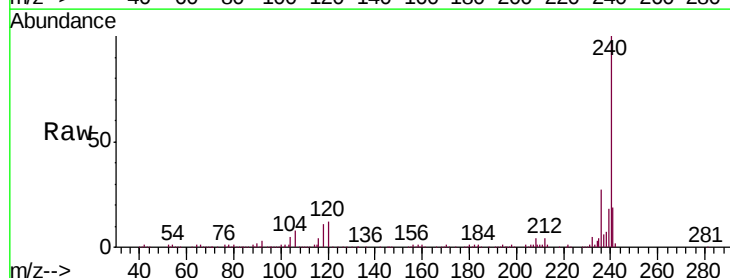
Tgt Ion:240 Resp: 242032

Ion Ratio Lower Upper

240 100

120 12.0 10.7 16.1

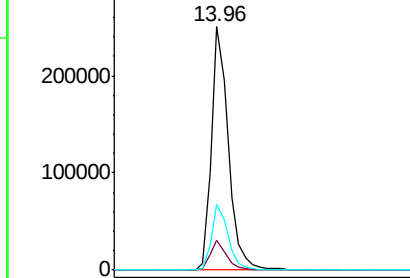
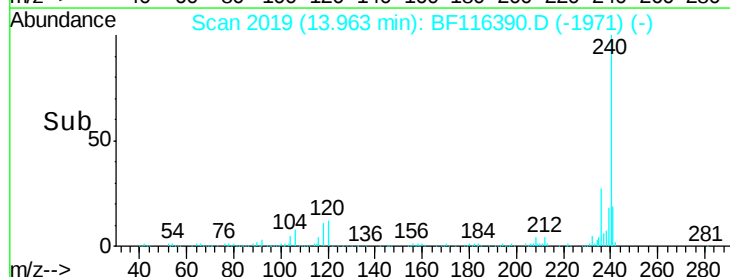
236 26.8 22.2 33.2

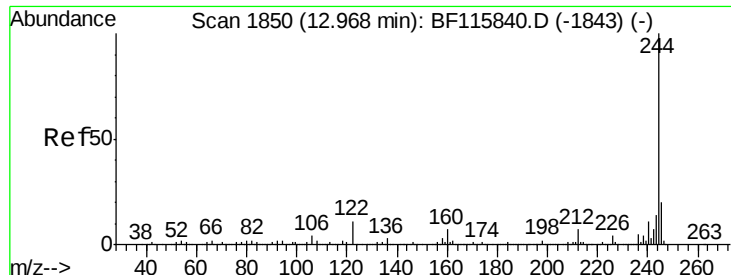


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 29.883 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF116390.D

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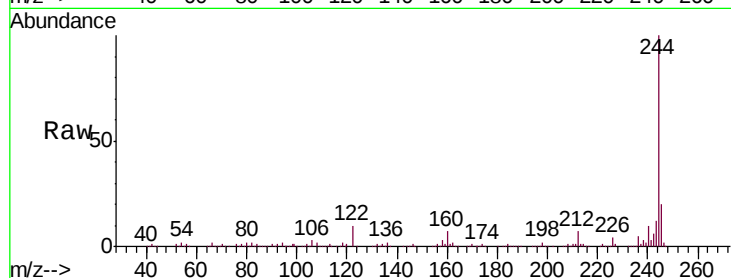
Tgt Ion:244 Resp: 343238

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

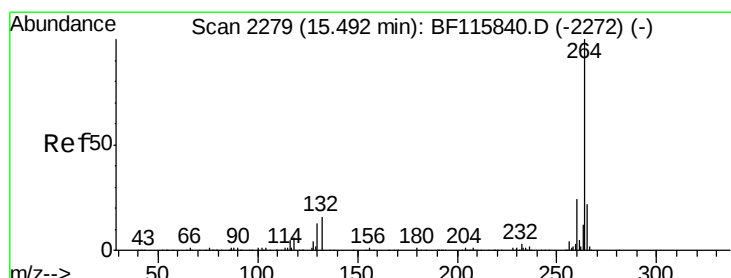
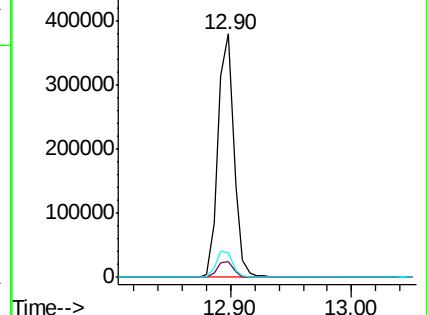
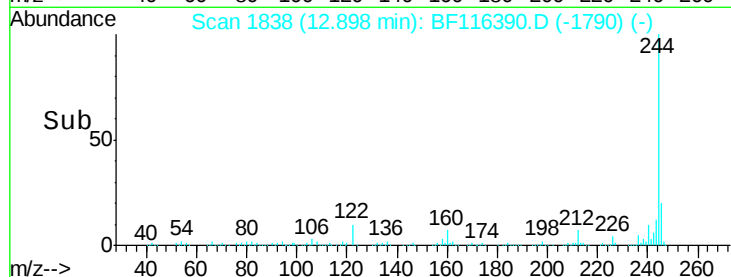
122 10.2 9.0 13.4



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: 15.42 min Scan# 2267

Delta R.T. -0.02 min

Lab File: BF116390.D

Acq: 19 Aug 2019 15:25

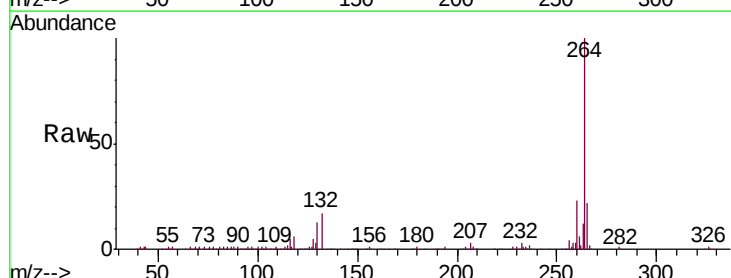
Tgt Ion:264 Resp: 257532

Ion Ratio Lower Upper

264 100

260 23.3 19.7 29.5

265 21.5 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

