

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
 Data File : BF093867.D
 Acq On : 23 Mar 2017 7:40
 Operator : SJ/MA
 Sample : I2349-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-212-207-COMP

Quant Time: Mar 23 08:05:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 23 02:02:22 2017
 Response via : Initial Calibration

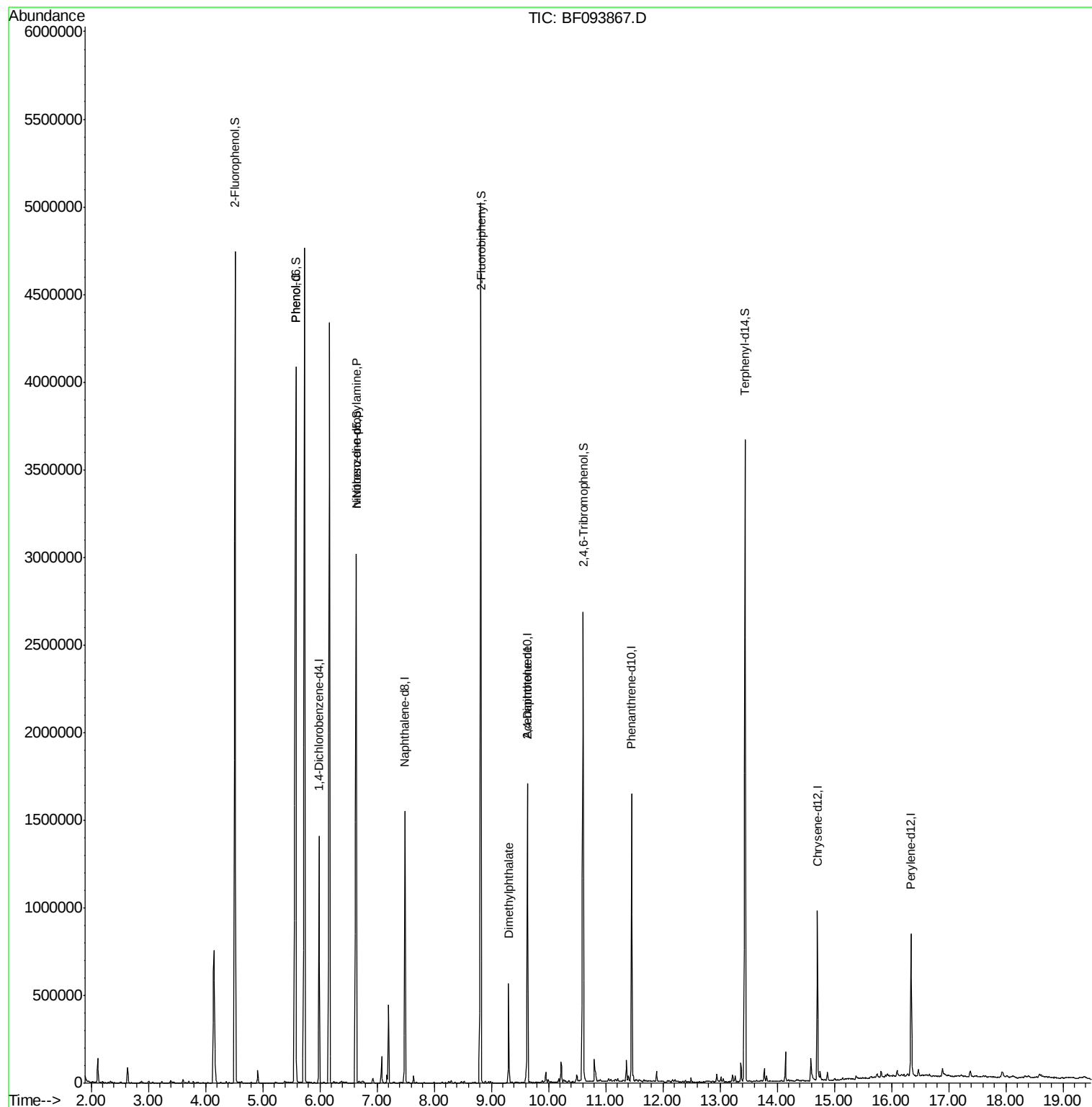
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.99	152	212912	20.00	ng	0.00
21) Naphthalene-d8	7.49	136	853586	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	370586	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	599979	20.00	ng	0.00
75) Chrysene-d12	14.70	240	379994	20.00	ng	-0.01
86) Perylene-d12	16.34	264	319604	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.52	112	1690896	134.14	ng	0.02
7) Phenol-d6	5.58	99	2192234	140.58	ng	0.01
23) Nitrobenzene-d5	6.64	82	1382550	92.43	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	408241	139.41	ng	0.00
44) 2-Fluorobiphenyl	8.82	172	2131563	87.73	ng	0.00
78) Terphenyl-d14	13.44	244	1394783	82.27	ng	0.00
Target Compounds						
10) Phenol	5.59	94	102739	5.79	ng	92
19) n-Nitroso-di-n-propylamine	6.64	70	184210	18.38	ng	# 77
49) Dimethylphthalate	9.30	163	235515	8.94	ng	99
56) 2,4-Dinitrotoluene	9.63	165	48317	6.37	ng	# 33

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

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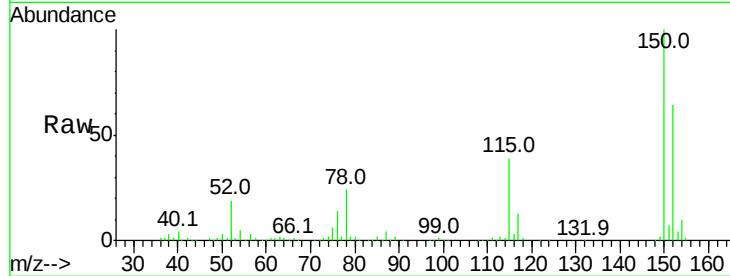


#1

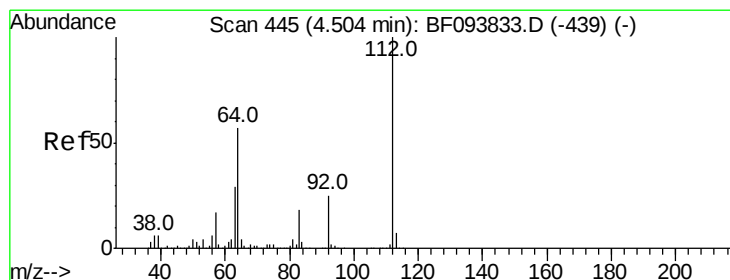
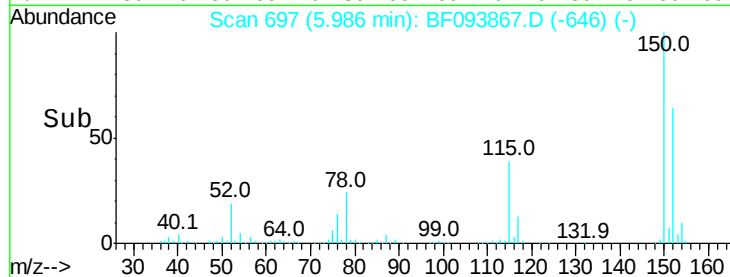
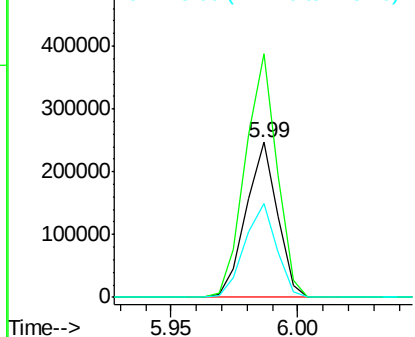
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.99 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF093867.D
Acq: 23 Mar 2017 7:40

Instrument :
BNA_F
ClientSampleId :
VNJ-212-207-COMP

Tot Ion:152 Resp: 212912
Ion Ratio Lower Upper
152 100
150 157.3 126.2 189.2
115 61.0 52.2 78.2



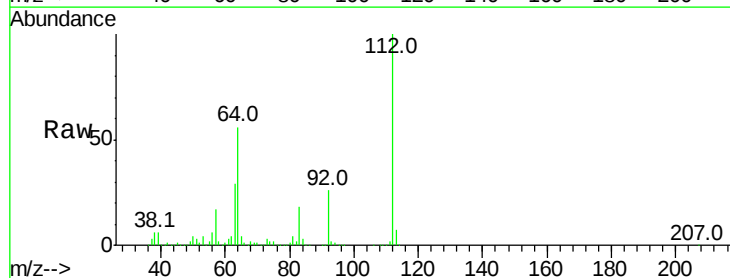
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



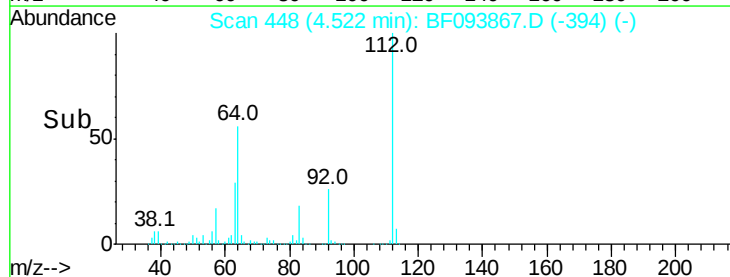
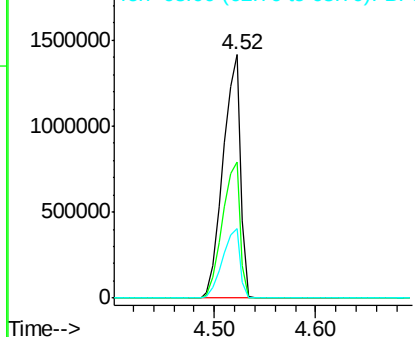
#5

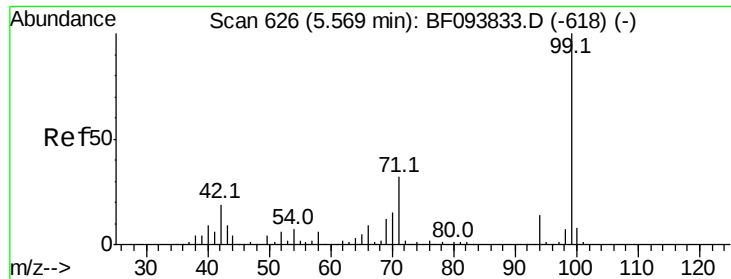
2-Fluorophenol
Concen: 134.14 ng
RT: 4.52 min Scan# 448
Delta R.T. 0.02 min
Lab File: BF093867.D
Acq: 23 Mar 2017 7:40

Tgt Ion:112 Resp: 1690896
Ion Ratio Lower Upper
112 100
64 56.1 46.0 69.0
63 28.5 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 140.58 ng

RT: 5.58 min Scan# 628

Delta R.T. 0.01 min

Lab File: BF093867.D

Acq: 23 Mar 2017 7:40

Instrument :

BNA_F

ClientSampleId :

VNJ-212-207-COMP

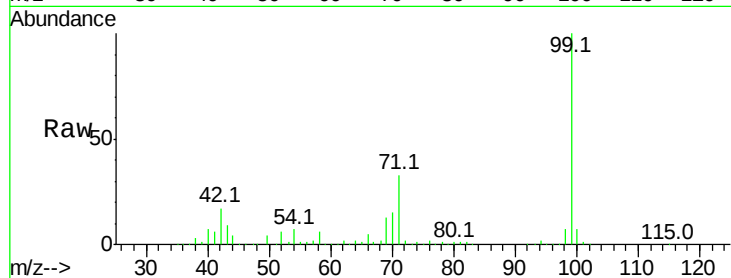
Tot Ion: 99 Resp: 2192234

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

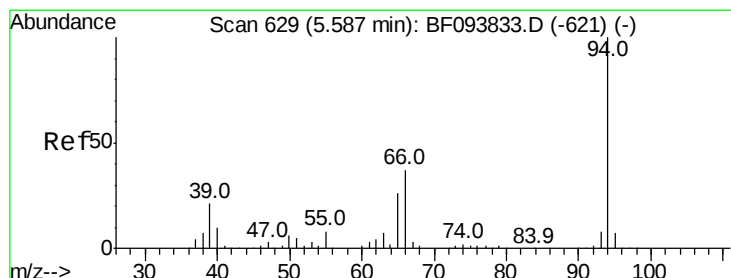
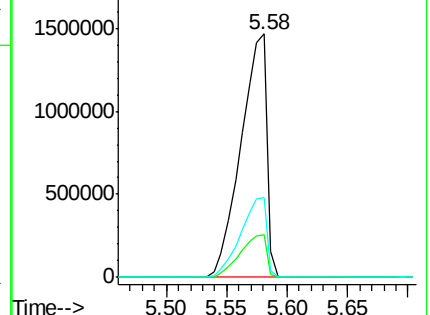
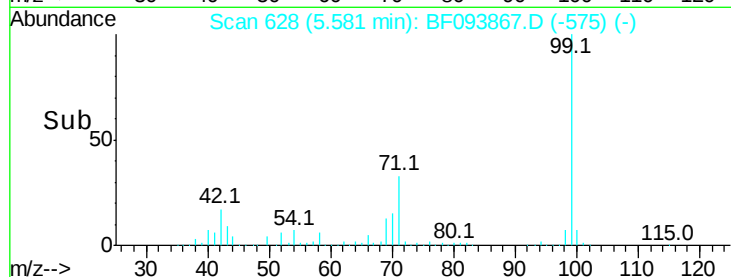
71 33.0 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 5.79 ng

RT: 5.59 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF093867.D

Acq: 23 Mar 2017 7:40

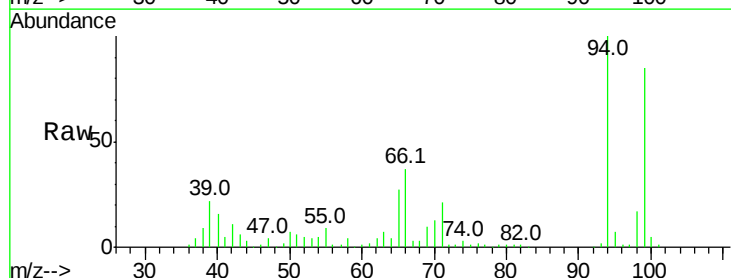
Tgt Ion: 94 Resp: 102739

Ion Ratio Lower Upper

94 100

65 27.3 9.9 49.9

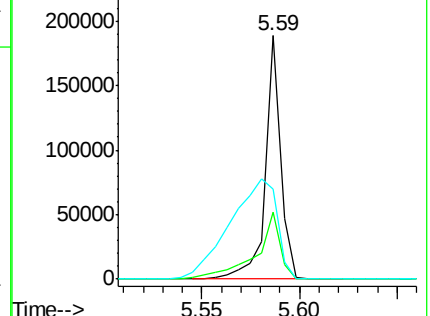
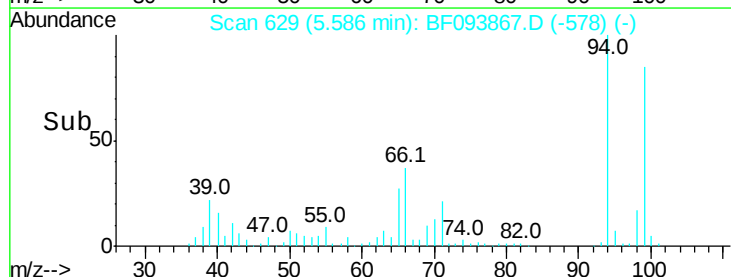
66 37.1 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 18.38 ng

RT: 6.64 min Scan# 808

Delta R.T. 0.16 min

Lab File: BF093867.D

Acq: 23 Mar 2017 7:40

Instrument :

BNA_F

ClientSampleId :

VNJ-212-207-COMP

Tot Ion: 70 Resp: 184210

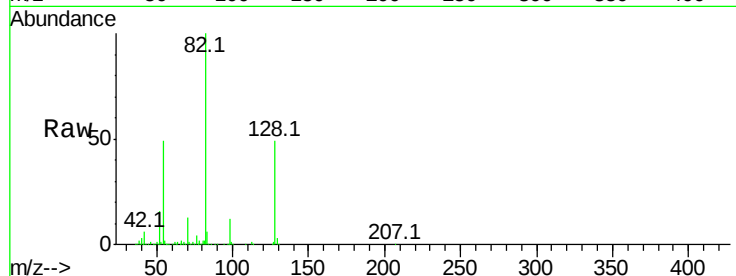
Ion Ratio Lower Upper

70 100

42 45.8 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

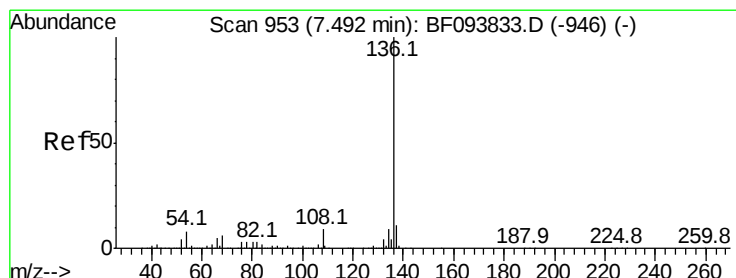
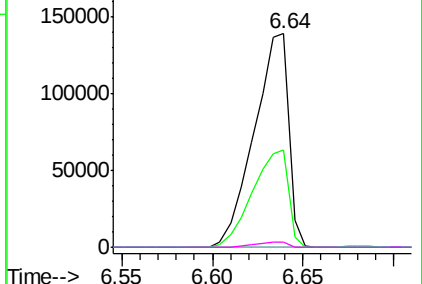
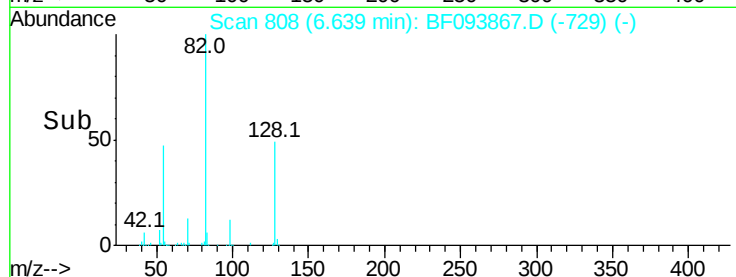


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.49 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF093867.D

Acq: 23 Mar 2017 7:40

Tgt Ion:136 Resp: 853586

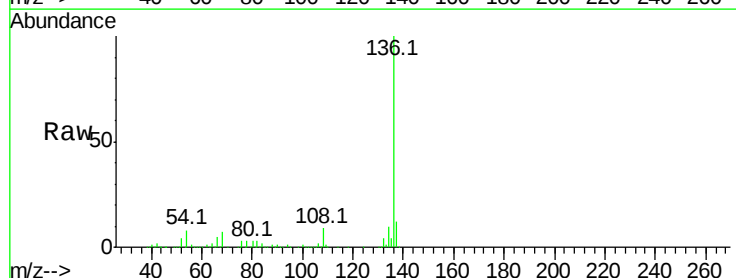
Ion Ratio Lower Upper

136 100

137 11.5 8.5 12.7

54 8.2 4.9 7.3#

68 6.7 4.1 6.1#

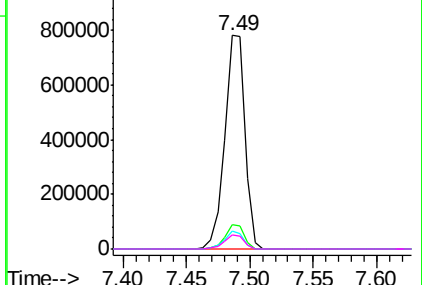
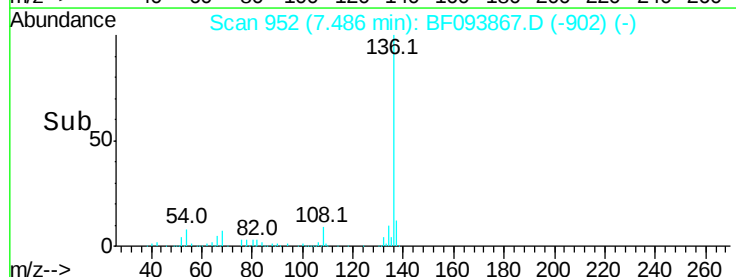


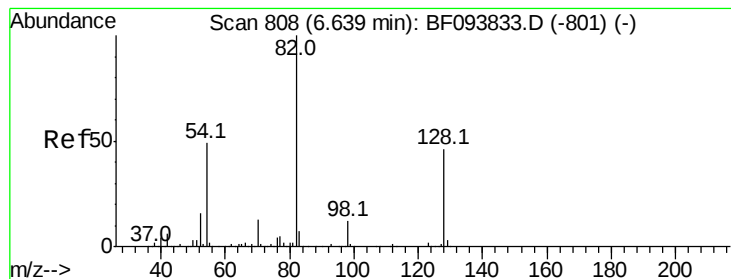
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 92.43 ng

RT: 6.64 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF093867.D

Acq: 23 Mar 2017 7:40

Instrument :

BNA_F

ClientSampleId :

VNJ-212-207-COMP

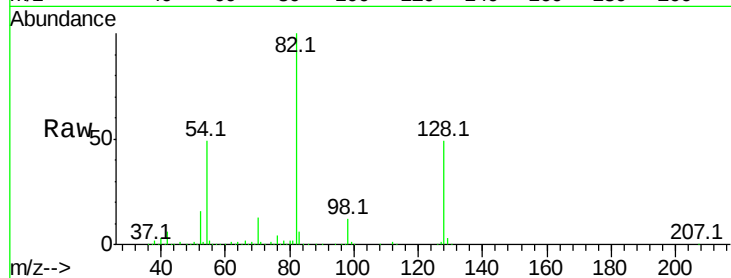
Tot Ion: 82 Resp: 1382550

Ion Ratio Lower Upper

82 100

128 48.9 34.0 51.0

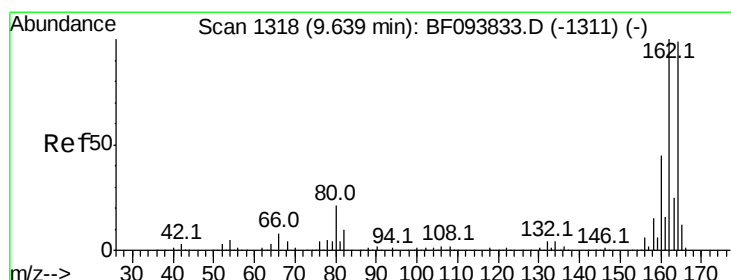
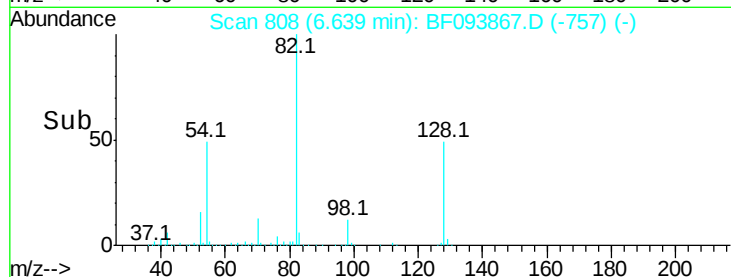
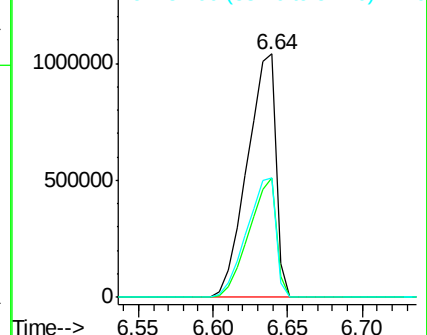
54 48.8 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.63 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF093867.D

Acq: 23 Mar 2017 7:40

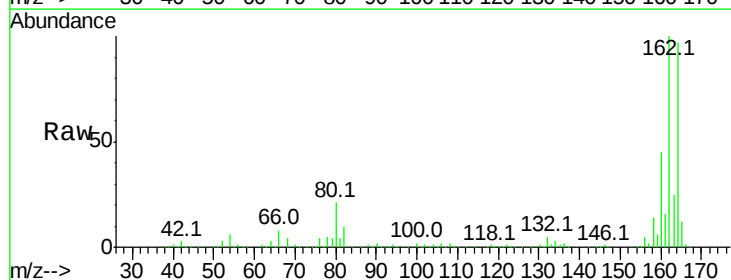
Tgt Ion:164 Resp: 370586

Ion Ratio Lower Upper

164 100

162 102.8 82.6 123.8

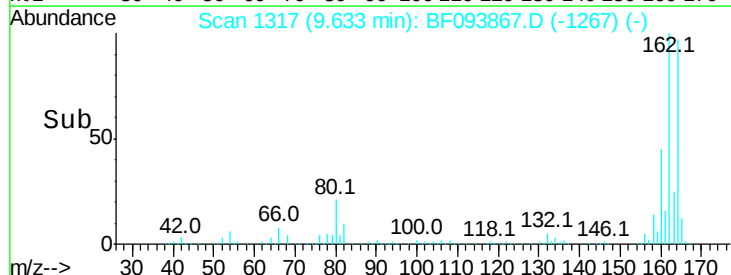
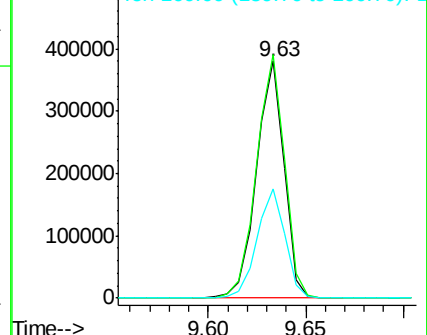
160 45.9 36.2 54.2

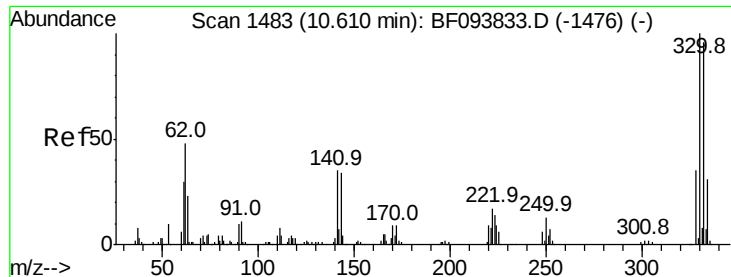


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 139.41 ng

RT: 10.61 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BF093867.D

Acq: 23 Mar 2017 7:40

Instrument :

BNA_F

ClientSampleId :

VNJ-212-207-COMP

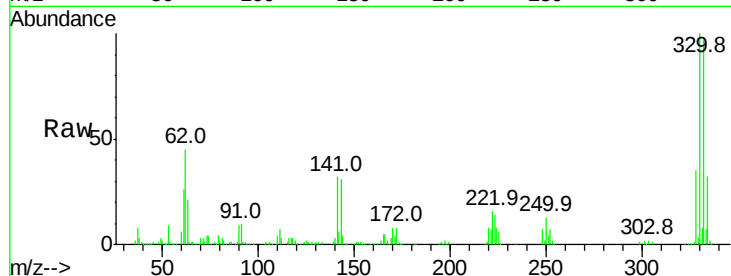
Tot Ion:330 Resp: 408241

Ion Ratio Lower Upper

330 100

332 96.6 76.6 115.0

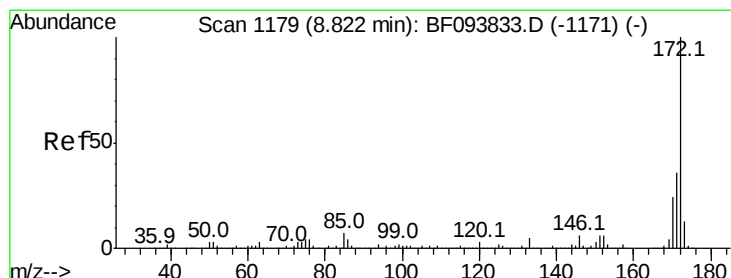
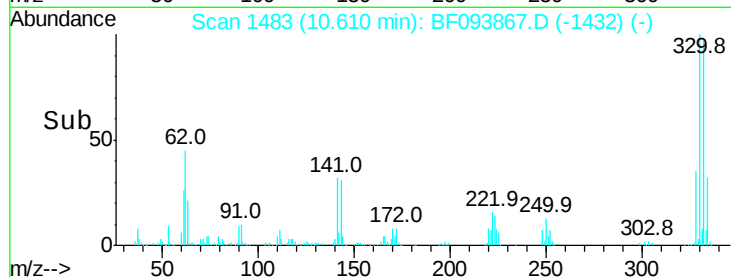
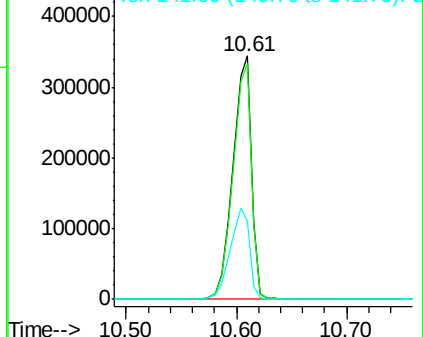
141 39.0 31.4 47.2



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



#44

2-Fluorobiphenyl

Concen: 87.73 ng

RT: 8.82 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF093867.D

Acq: 23 Mar 2017 7:40

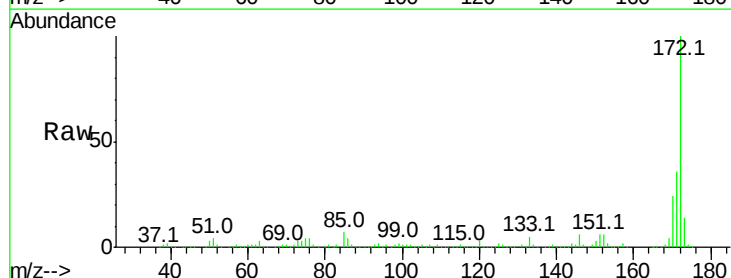
Tgt Ion:172 Resp: 2131563

Ion Ratio Lower Upper

172 100

171 36.2 29.6 44.4

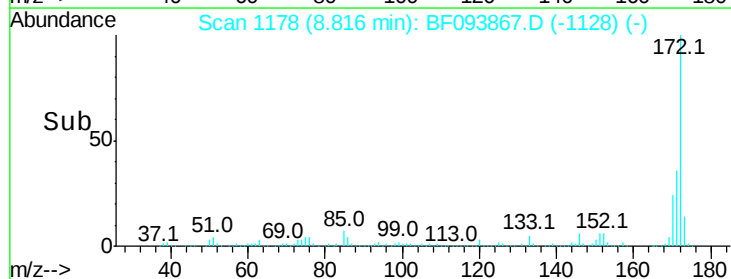
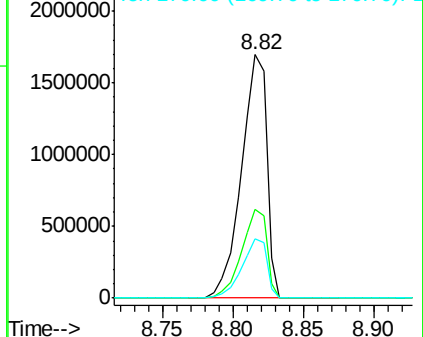
170 24.2 19.8 29.8

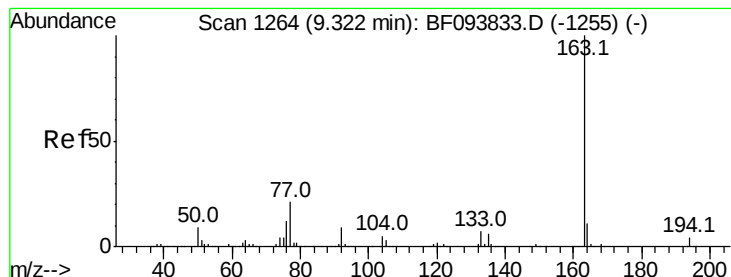


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 8.94 ng

RT: 9.30 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF093867.D

Acq: 23 Mar 2017 7:40

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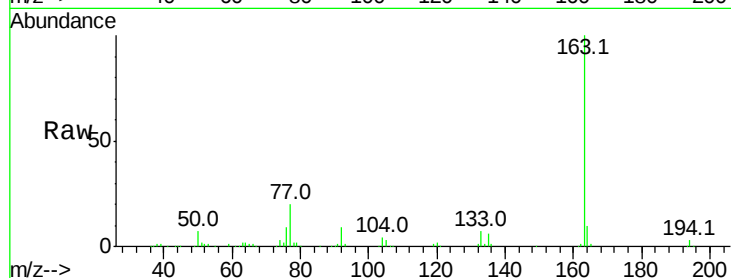
Tot Ion:163 Resp: 235515

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

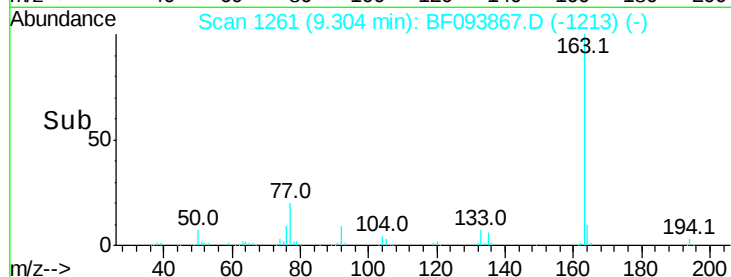
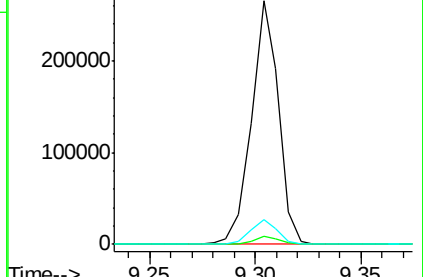
164 9.9 8.4 12.6



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



#56

2,4-Dinitrotoluene

Concen: 6.37 ng

RT: 9.63 min Scan# 1317

Delta R.T. -0.25 min

Lab File: BF093867.D

Acq: 23 Mar 2017 7:40

Tgt Ion:165 Resp: 48317

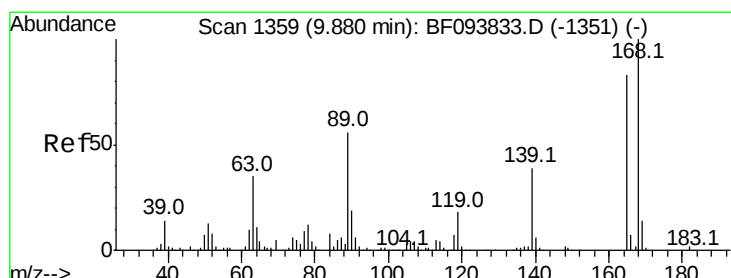
Ion Ratio Lower Upper

165 100

63 0.8 25.4 38.0#

89 1.5 46.4 69.6#

182 0.0 1.8 2.6#

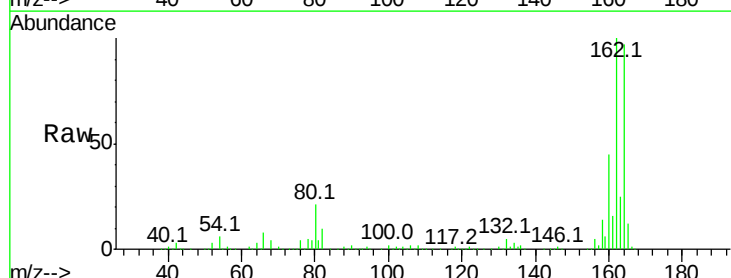
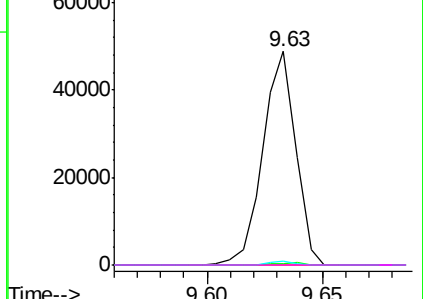


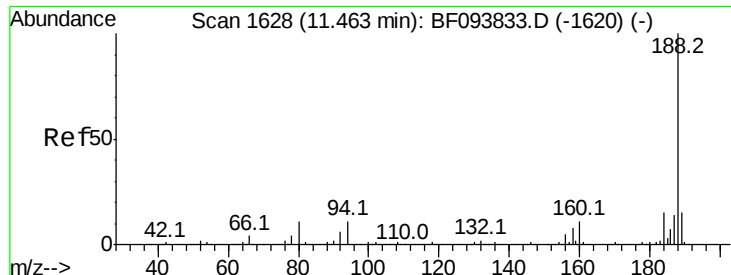
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.46 min Scan# 1627

Delta R.T. -0.01 min

Lab File: BF093867.D

Acq: 23 Mar 2017 7:40

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VNJ-212-207-COMP

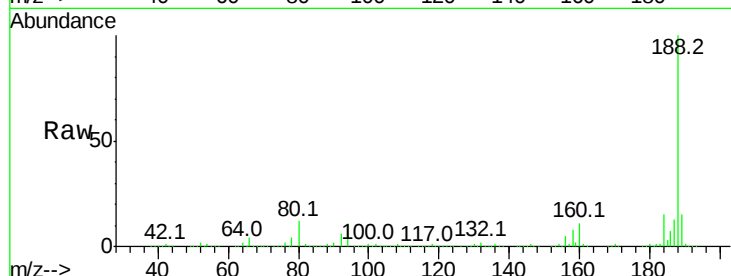
Tot Ion:188 Resp: 599979

Ion Ratio Lower Upper

188 100

94 11.1 9.4 14.2

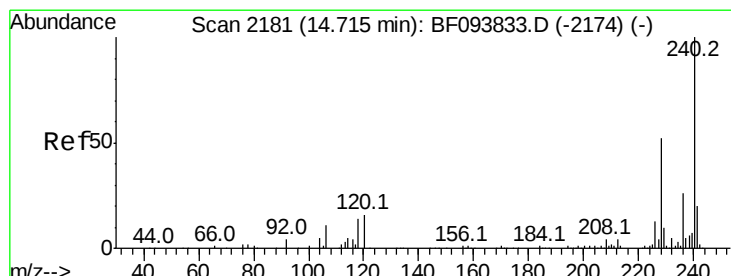
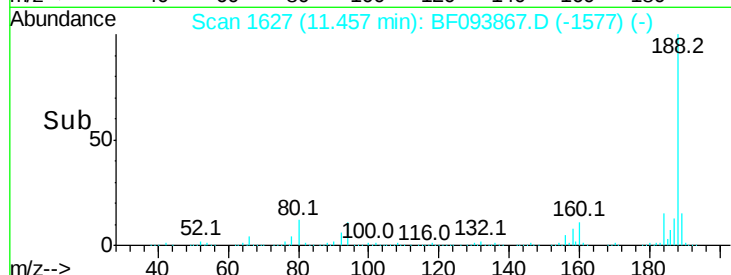
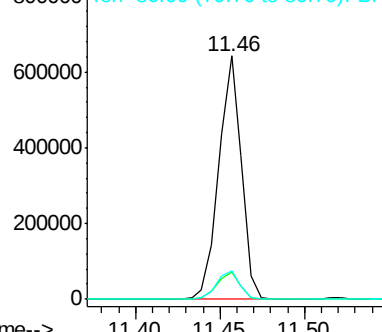
80 11.8 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.70 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BF093867.D

Acq: 23 Mar 2017 7:40

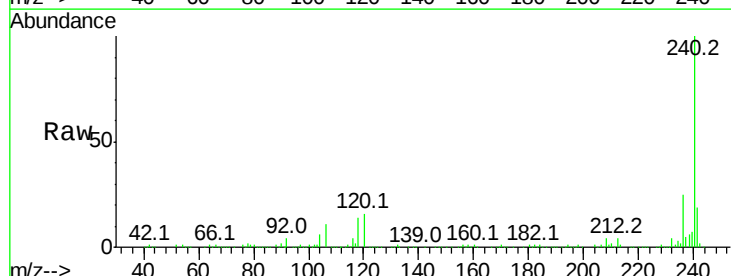
Tgt Ion:240 Resp: 379994

Ion Ratio Lower Upper

240 100

120 15.6 5.8 8.8#

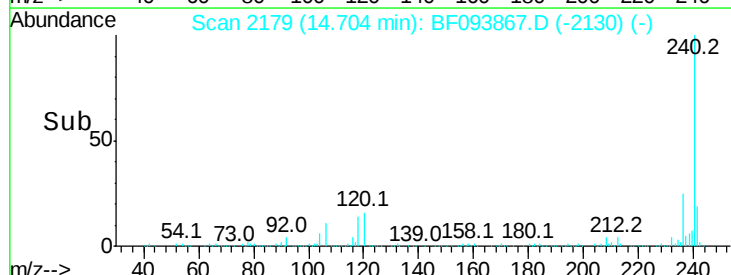
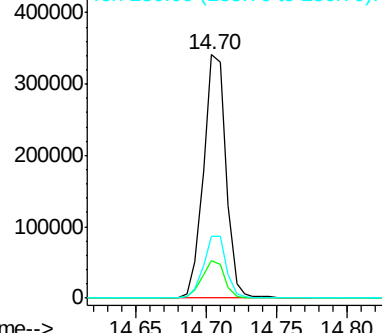
236 25.5 20.5 30.7

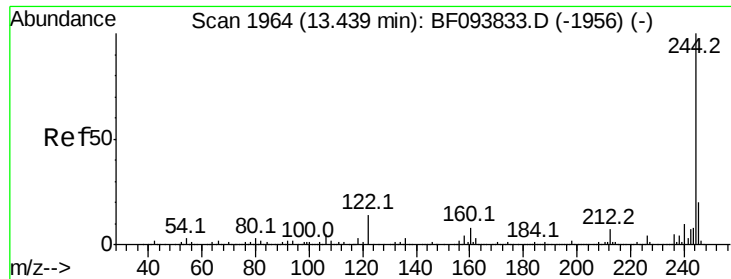


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.27 ng

RT: 13.44 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BF093867.D

Acq: 23 Mar 2017 7:40

Instrument :

BNA_F

ClientSampleId :

VNJ-212-207-COMP

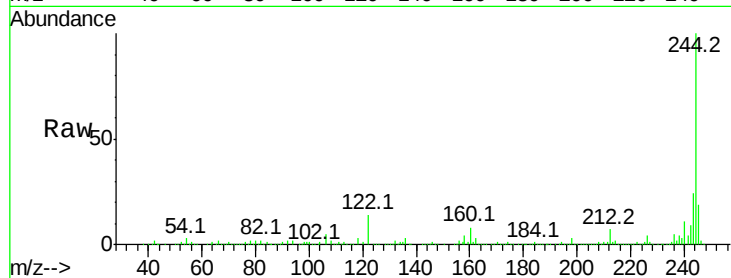
Tot Ion:244 Resp: 1394783

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

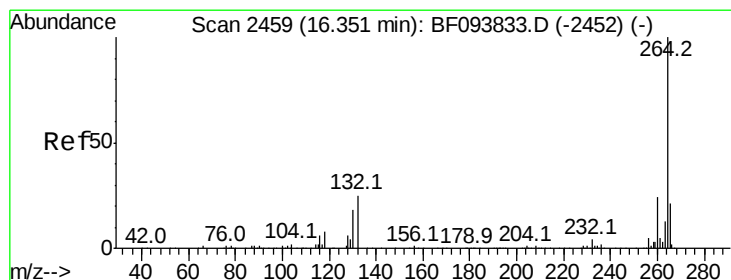
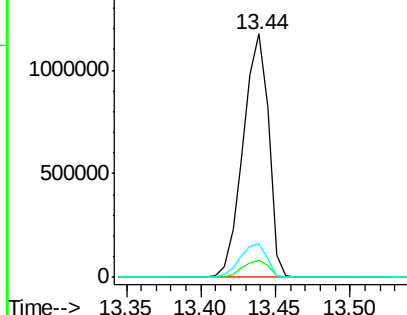
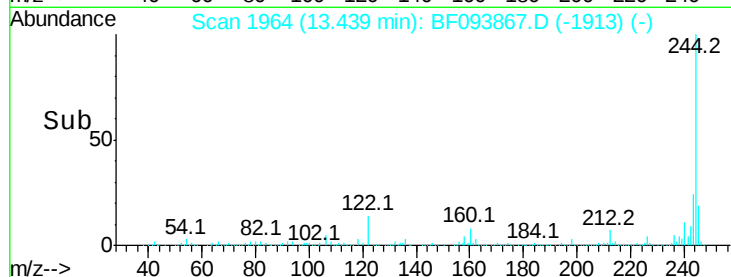
122 14.0 10.3 15.5



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.34 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BF093867.D

Acq: 23 Mar 2017 7:40

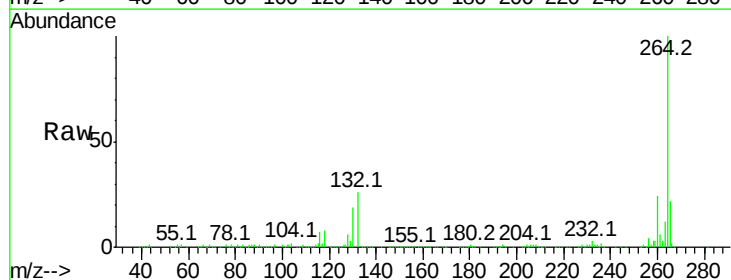
Tgt Ion:264 Resp: 319604

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 21.7 17.2 25.8



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

