

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
 Data File : BF093869.D
 Acq On : 23 Mar 2017 8:35
 Operator : SJ/MA
 Sample : I2350-06
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-238-210-221-COMP

Quant Time: Mar 23 08:59:51 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

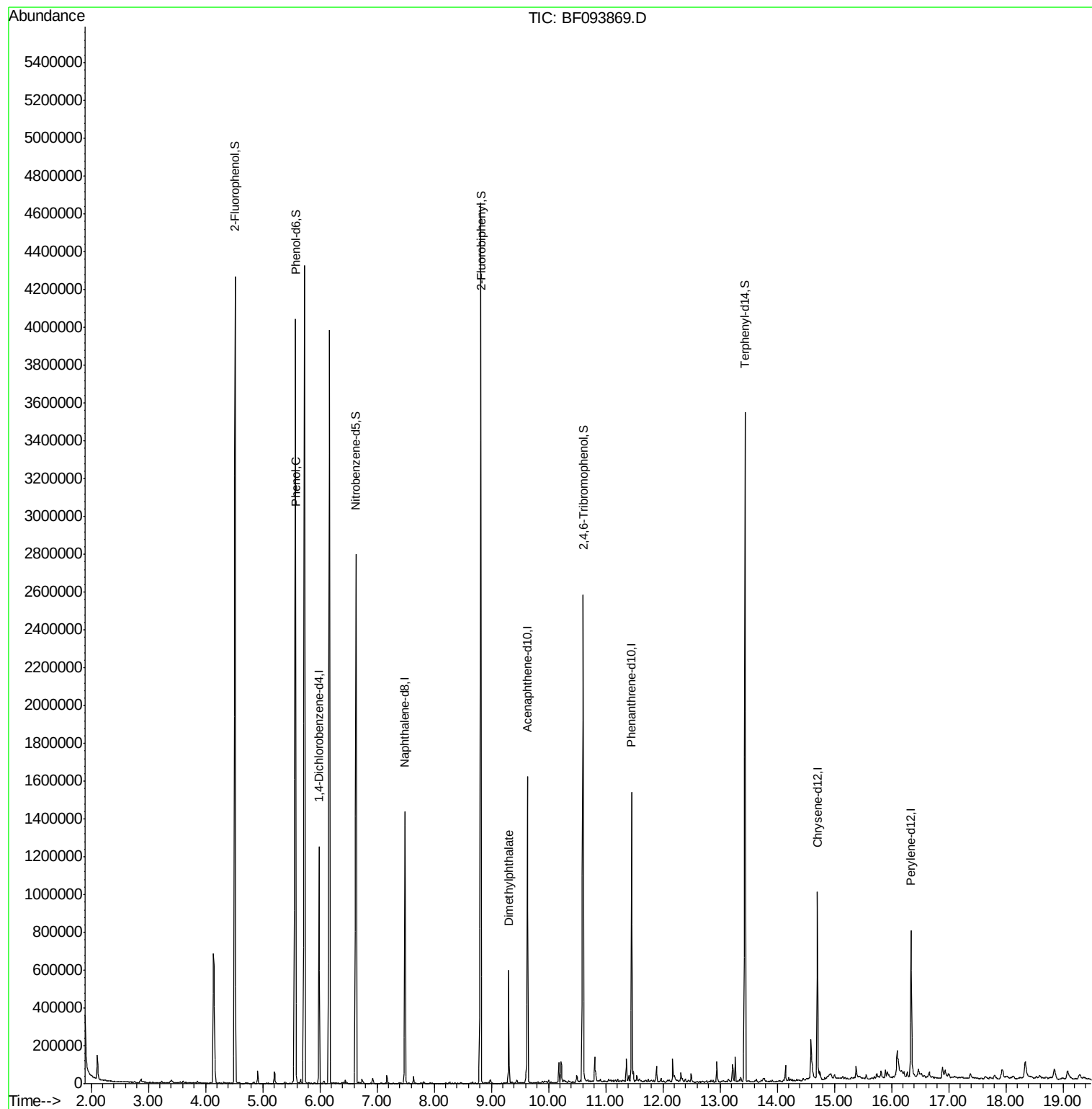
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.99	152	195399	20.00	ng	0.00
21) Naphthalene-d8	7.49	136	776003	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	339207	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	560761	20.00	ng	0.00
75) Chrysene-d12	14.70	240	362214	20.00	ng	-0.01
86) Perylene-d12	16.34	264	305458	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.52	112	1581105	136.67	ng	0.02
7) Phenol-d6	5.57	99	2028544	141.74	ng	0.00
23) Nitrobenzene-d5	6.63	82	1257926	92.51	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	375412	140.05	ng	0.00
44) 2-Fluorobiphenyl	8.82	172	1923073	86.47	ng	0.00
78) Terphenyl-d14	13.44	244	1267336	78.43	ng	0.00
Target Compounds						
10) Phenol	5.59	94	77527	4.76	ng	85
49) Dimethylphthalate	9.30	163	243461	10.10	ng	100

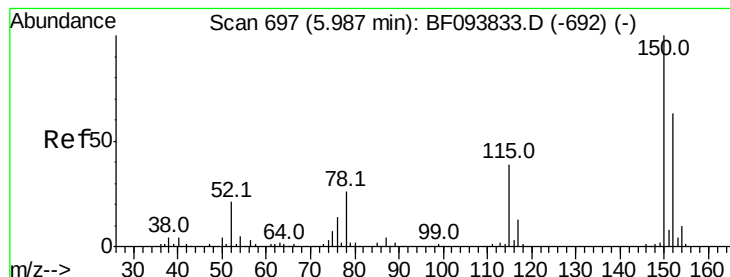
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093869.D

Acq: 23 Mar 2017 8:35

Instrument :

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ClientSampleId :

VNJ-238-210-221-COMP

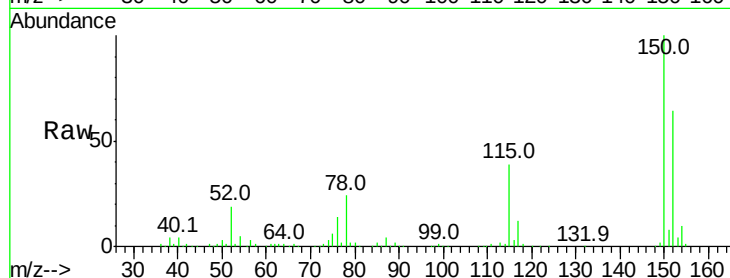
Tot Ion:152 Resp: 195399

Ion Ratio Lower Upper

152 100

150 156.6 126.2 189.2

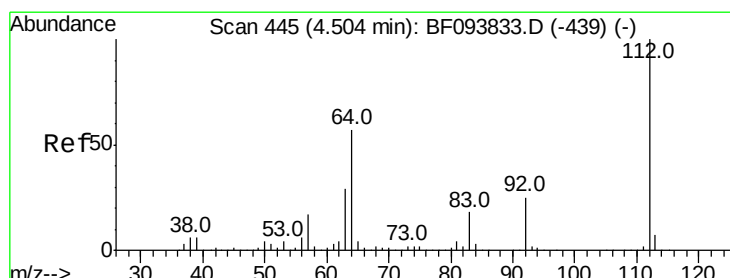
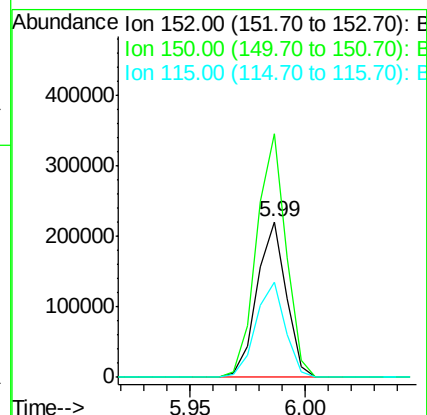
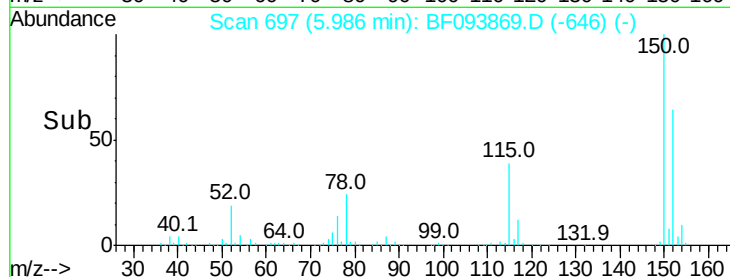
115 61.4 52.2 78.2



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: 136.67 ng

RT: 4.52 min Scan# 448

Delta R.T. 0.02 min

Lab File: BF093869.D

Acq: 23 Mar 2017 8:35

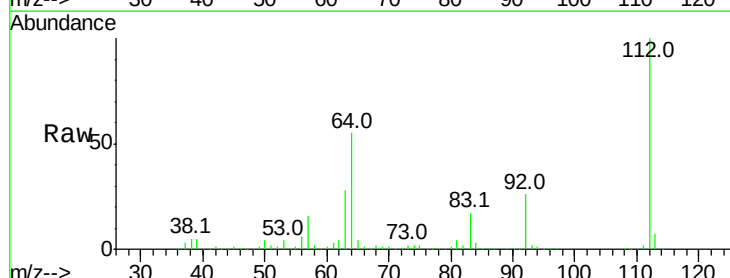
Tgt Ion:112 Resp: 1581105

Ion Ratio Lower Upper

112 100

64 54.8 46.0 69.0

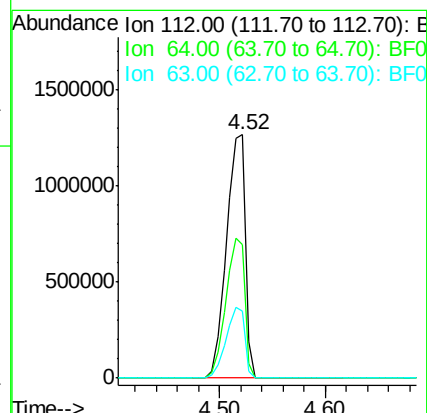
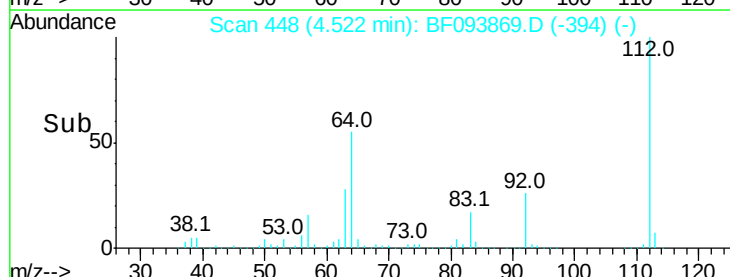
63 27.5 23.4 35.0

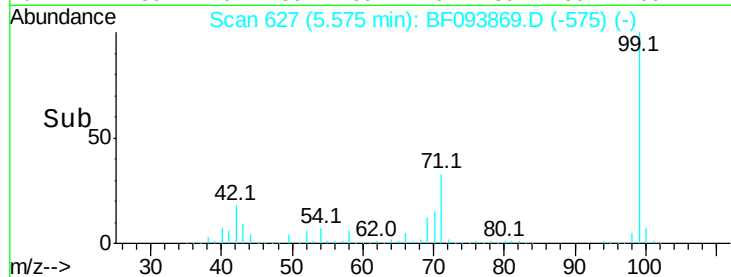
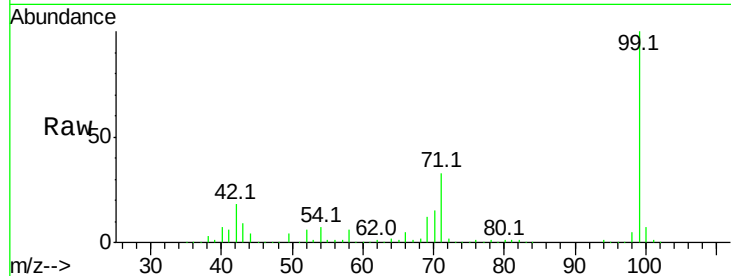
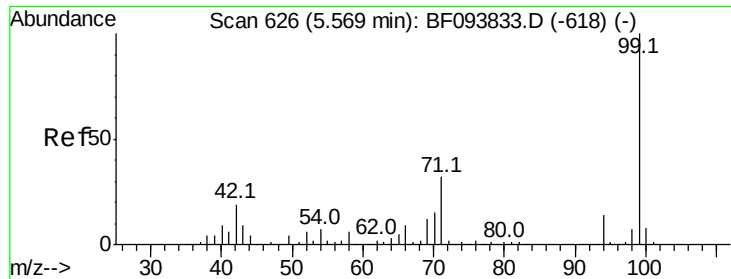


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 141.74 ng

RT: 5.57 min Scan# 627

Delta R.T. 0.01 min

Lab File: BF093869.D

Acq: 23 Mar 2017 8:35

Instrument :

BNA_F

ClientSampleId :

VNJ-238-210-221-COMP

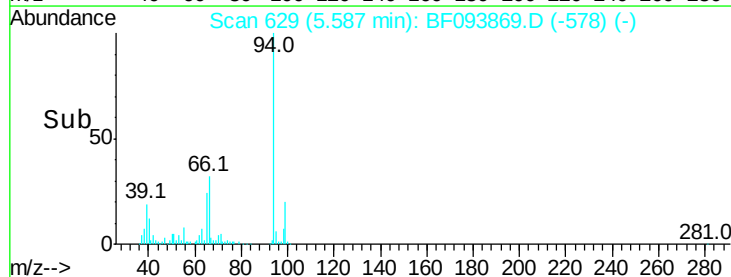
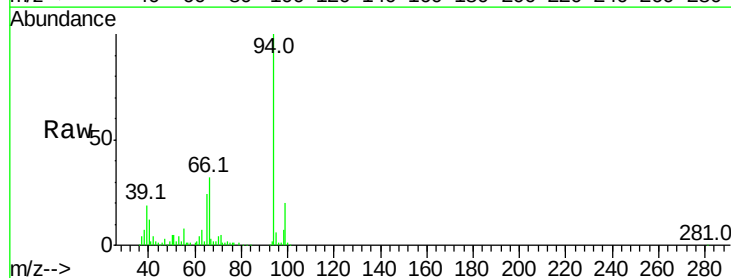
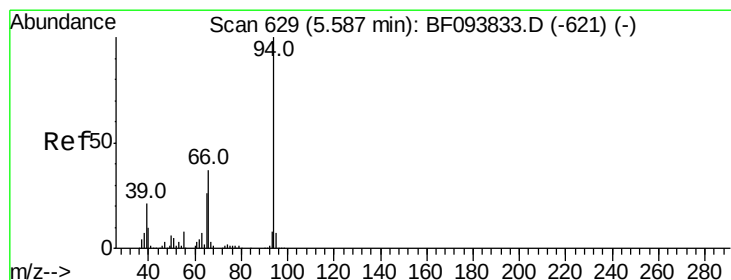
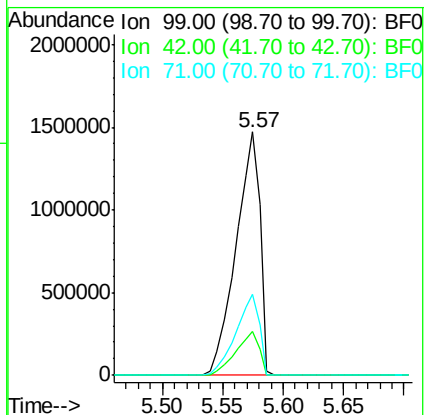
Tot Ion: 99 Resp: 2028544

Ion Ratio Lower Upper

99 100

42 18.0 13.5 20.3

71 33.3 24.5 36.7



#10

Phenol

Concen: 4.76 ng

RT: 5.59 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF093869.D

Acq: 23 Mar 2017 8:35

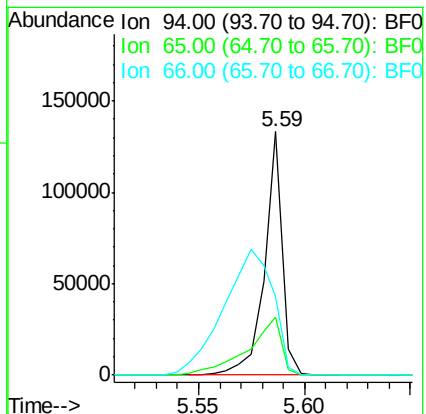
Tgt Ion: 94 Resp: 77527

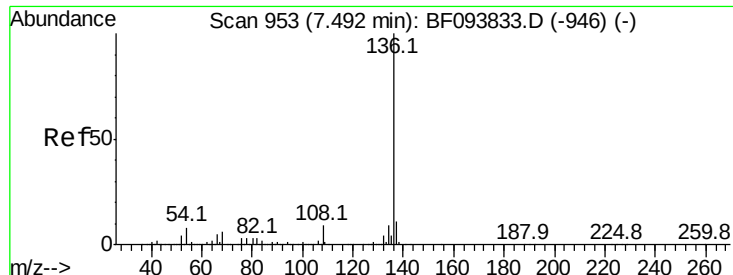
Ion Ratio Lower Upper

94 100

65 23.9 9.9 49.9

66 32.1 23.1 63.1

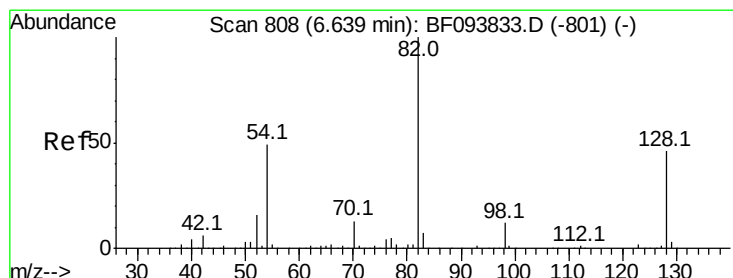
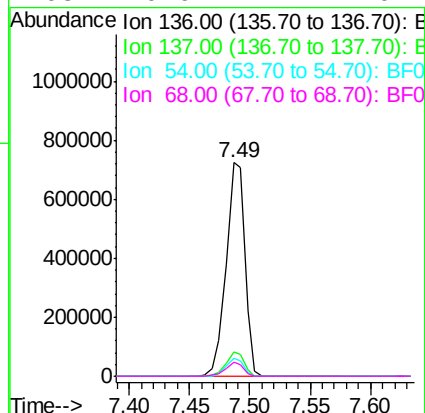
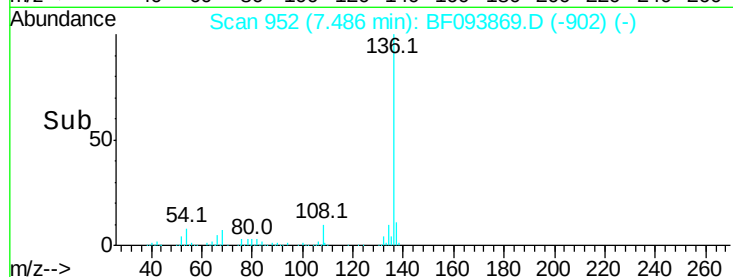
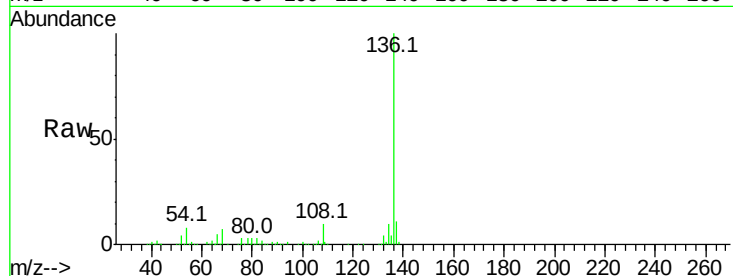




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.49 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF093869.D
Acq: 23 Mar 2017 8:35

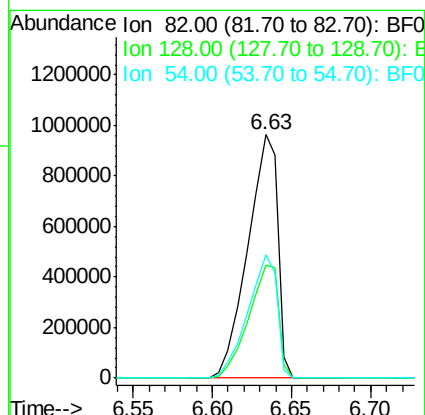
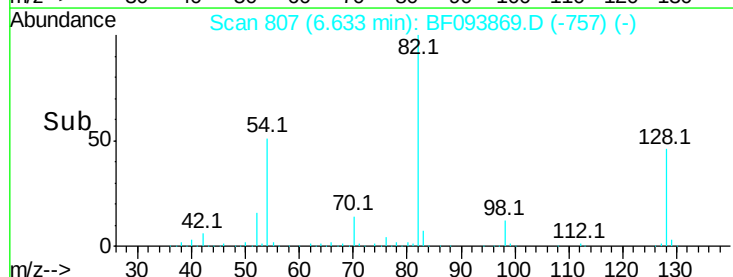
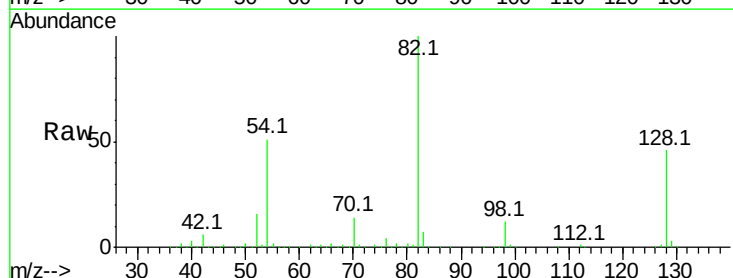
Instrument :
BNA_F
ClientSampleId :
VNJ-238-210-221-COMP

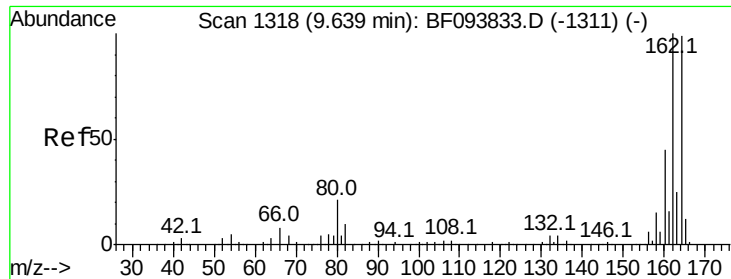
Tot Ion:136	Resp:	776003
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.5	12.7
54 8.3	4.9	7.3#
68 6.6	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 92.51 ng
RT: 6.63 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF093869.D
Acq: 23 Mar 2017 8:35

Tgt Ion: 82	Resp:	1257926
Ion Ratio	Lower	Upper
82 100		
128 46.3	34.0	51.0
54 50.9	42.2	63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.63 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF093869.D

Acq: 23 Mar 2017 8:35

Instrument :

BNA_F

ClientSampleId :

VNJ-238-210-221-COMP

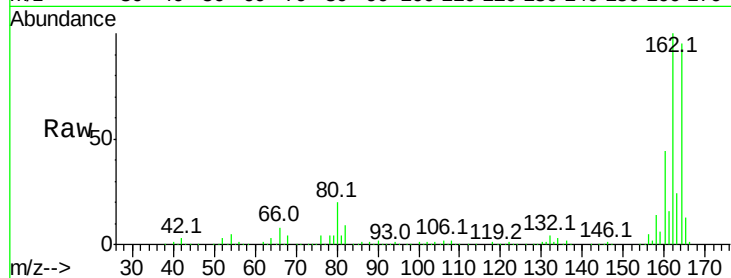
Tot Ion:164 Resp: 339207

Ion Ratio Lower Upper

164 100

162 105.1 82.6 123.8

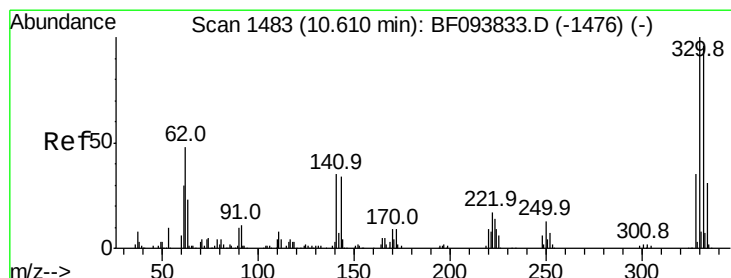
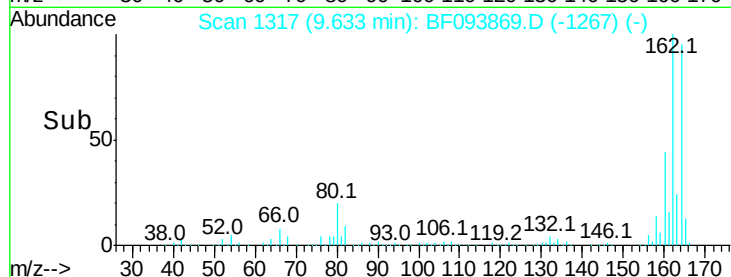
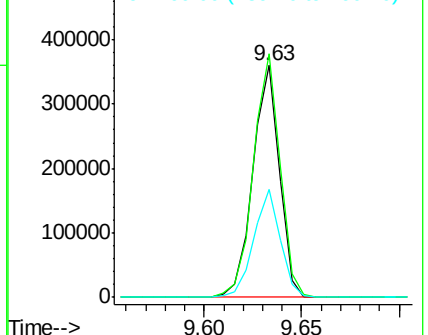
160 46.6 36.2 54.2



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: 140.05 ng

RT: 10.61 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BF093869.D

Acq: 23 Mar 2017 8:35

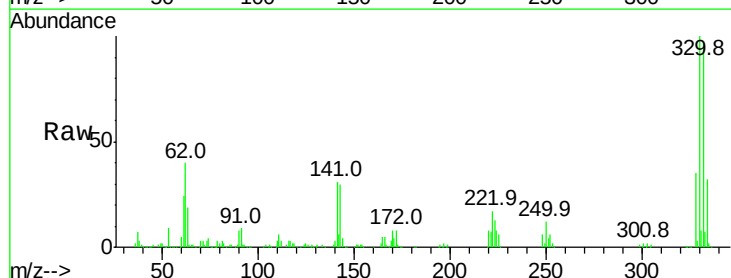
Tgt Ion:330 Resp: 375412

Ion Ratio Lower Upper

330 100

332 97.0 76.6 115.0

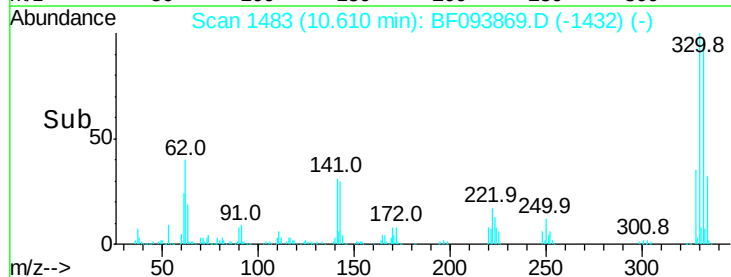
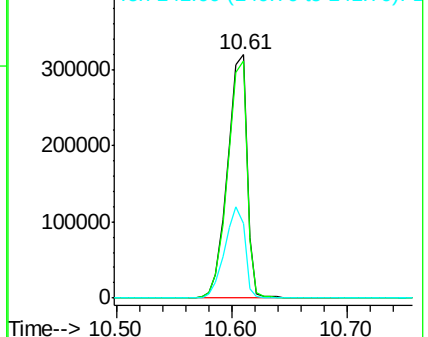
141 38.7 31.4 47.2

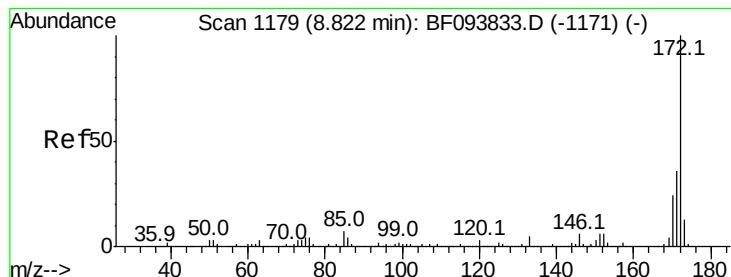


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 86.47 ng

RT: 8.82 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF093869.D

Acq: 23 Mar 2017 8:35

Instrument :

BNA_F

ClientSampleId :

VNJ-238-210-221-COMP

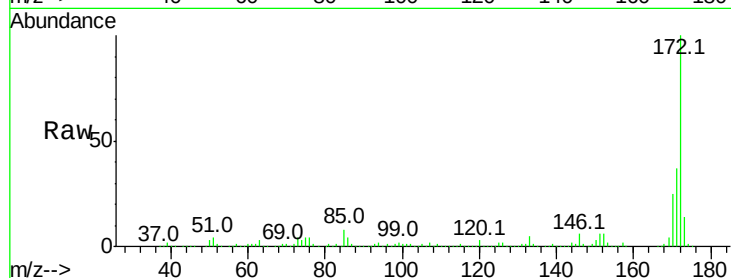
Tot Ion:172 Resp: 1923073

Ion Ratio Lower Upper

172 100

171 37.1 29.6 44.4

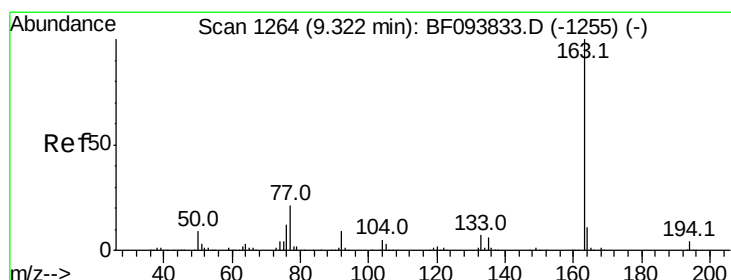
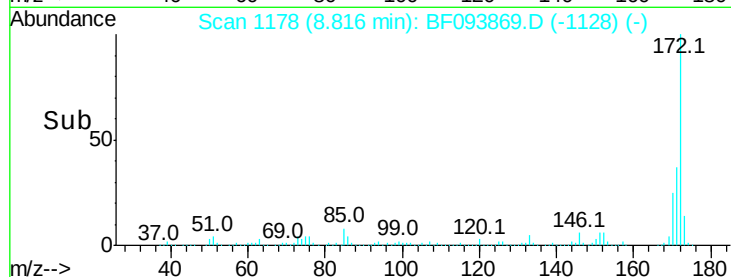
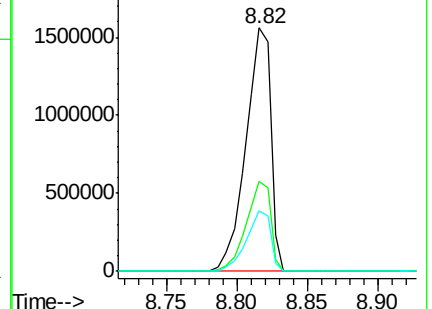
170 24.7 19.8 29.8



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: 10.10 ng

RT: 9.30 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF093869.D

Acq: 23 Mar 2017 8:35

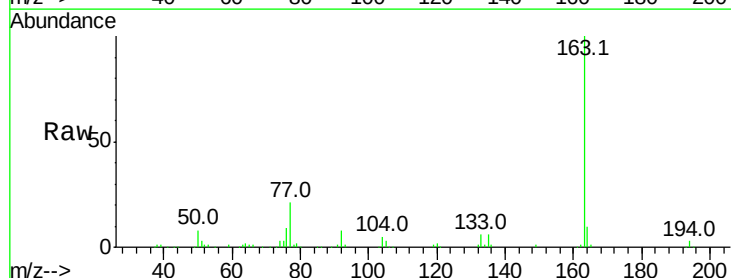
Tgt Ion:163 Resp: 243461

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

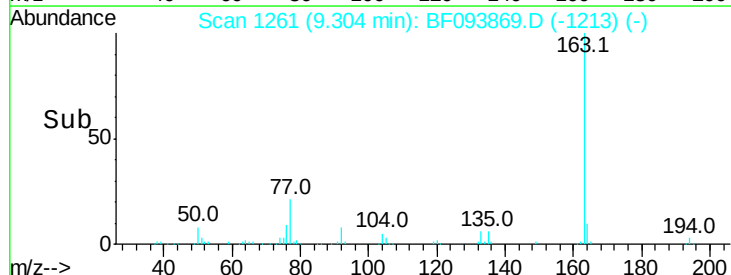
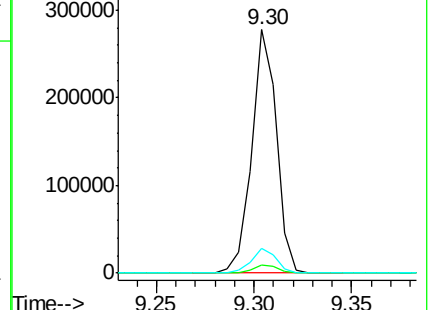
164 10.4 8.4 12.6

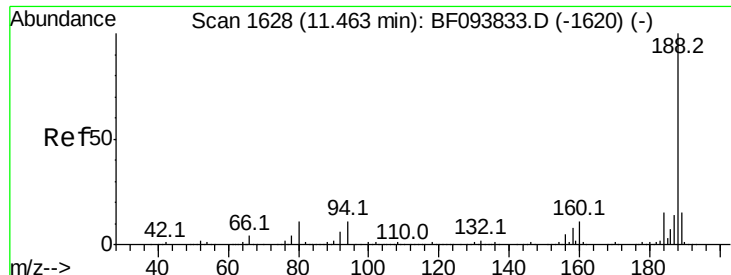


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.46 min Scan# 1627

Delta R.T. -0.01 min

Lab File: BF093869.D

Acq: 23 Mar 2017 8:35

Instrument :

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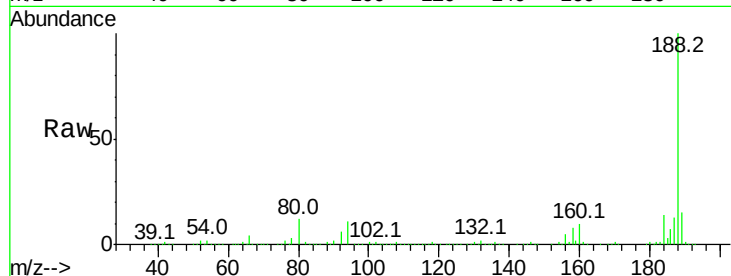
Tot Ion:188 Resp: 560761

Ion Ratio Lower Upper

188 100

94 10.9 9.4 14.2

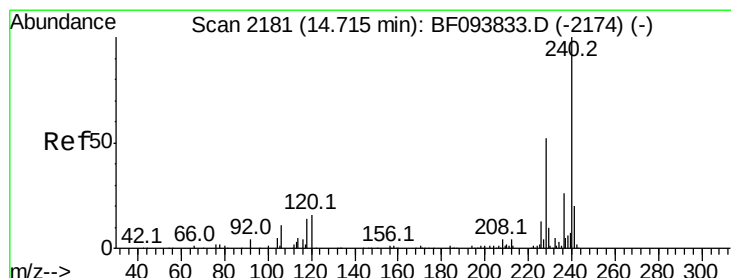
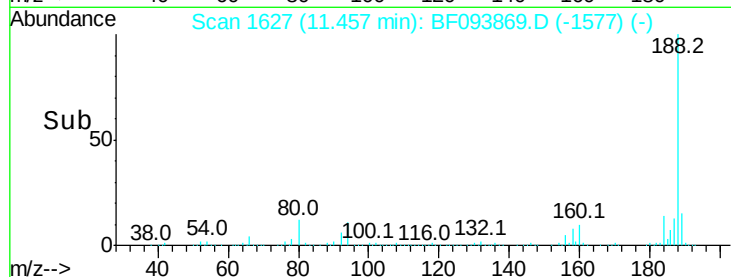
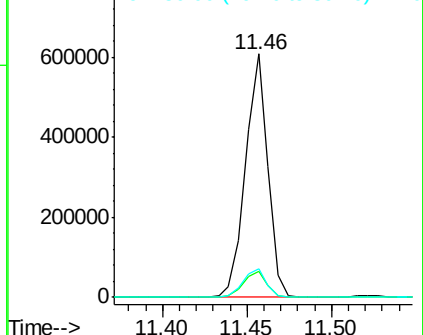
80 11.7 10.2 15.2



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: BF093869.D

Acq: 23 Mar 2017 8:35

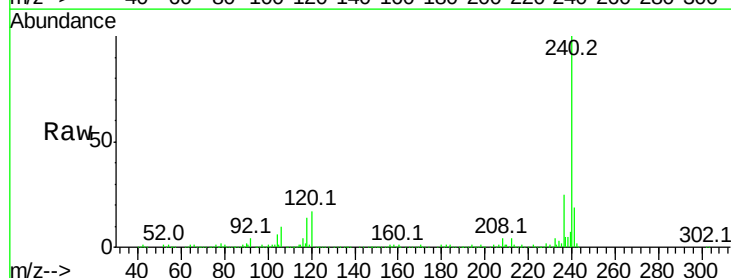
Tgt Ion:240 Resp: 362214

Ion Ratio Lower Upper

240 100

120 16.6 5.8 8.8#

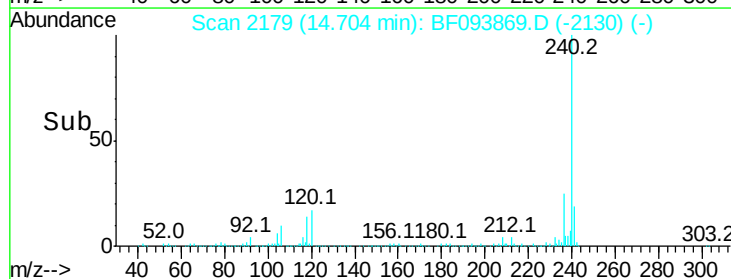
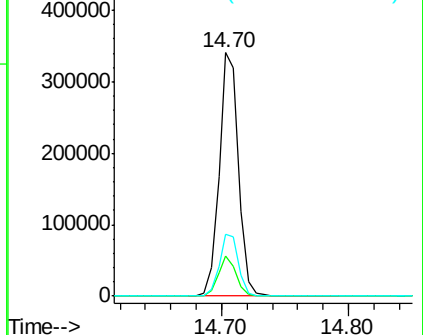
236 25.3 20.5 30.7

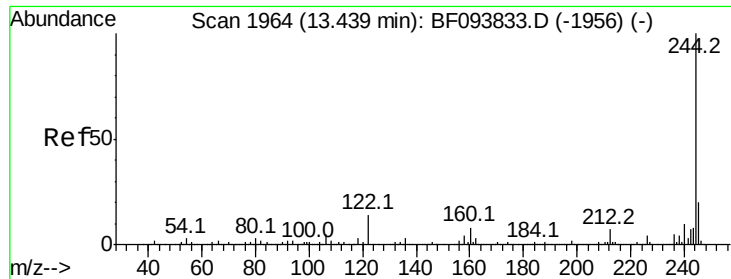


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 78.43 ng

RT: 13.44 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BF093869.D

Acq: 23 Mar 2017 8:35

Instrument :

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VNJ-238-210-221-COMP

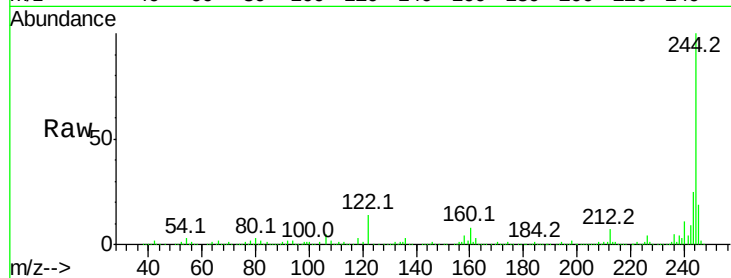
Tot Ion:244 Resp: 1267336

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

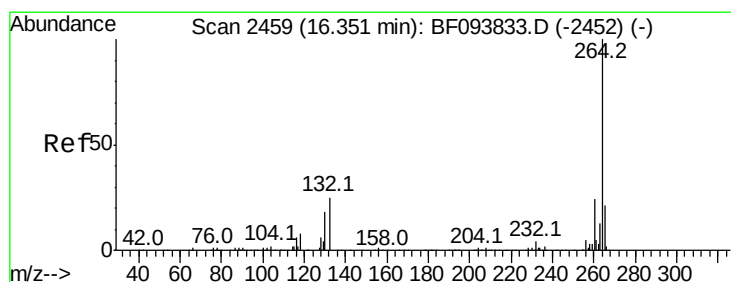
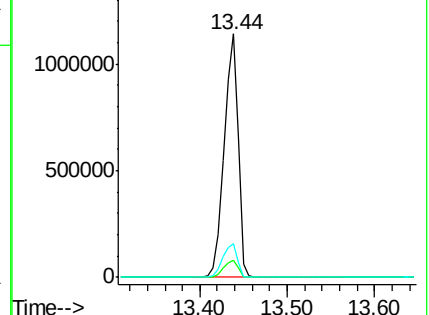
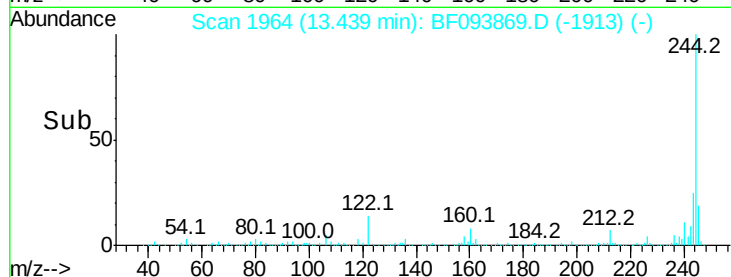
122 13.9 10.3 15.5



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: BF093869.D

Acq: 23 Mar 2017 8:35

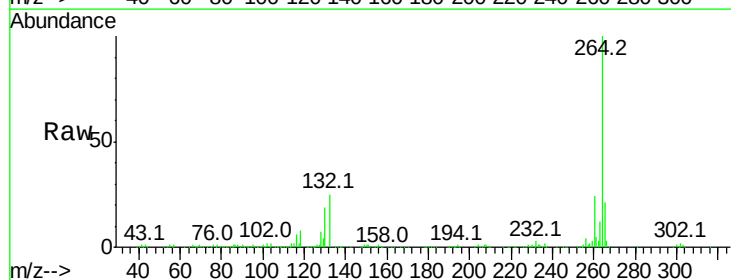
Tgt Ion:264 Resp: 305458

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 20.8 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

