

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
 Data File : BF093865.D
 Acq On : 23 Mar 2017 6:45
 Operator : SJ/MA
 Sample : I2348-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-218

Quant Time: Mar 23 07:13:53 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	208436	20.00	ng	0.00
21) Naphthalene-d8	7.49	136	835256	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	352527	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	587605	20.00	ng	0.00
75) Chrysene-d12	14.71	240	367990	20.00	ng	0.00
86) Perylene-d12	16.34	264	305554	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.50	112	148	0.01	ng	0.00
7) Phenol-d6	5.56	99	2079	0.14	ng	-0.01
23) Nitrobenzene-d5	6.63	82	876128	59.86	ng	0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	8.82	172	1575537	68.17	ng	0.00
78) Terphenyl-d14	13.43	244	1046905	63.77	ng	0.00

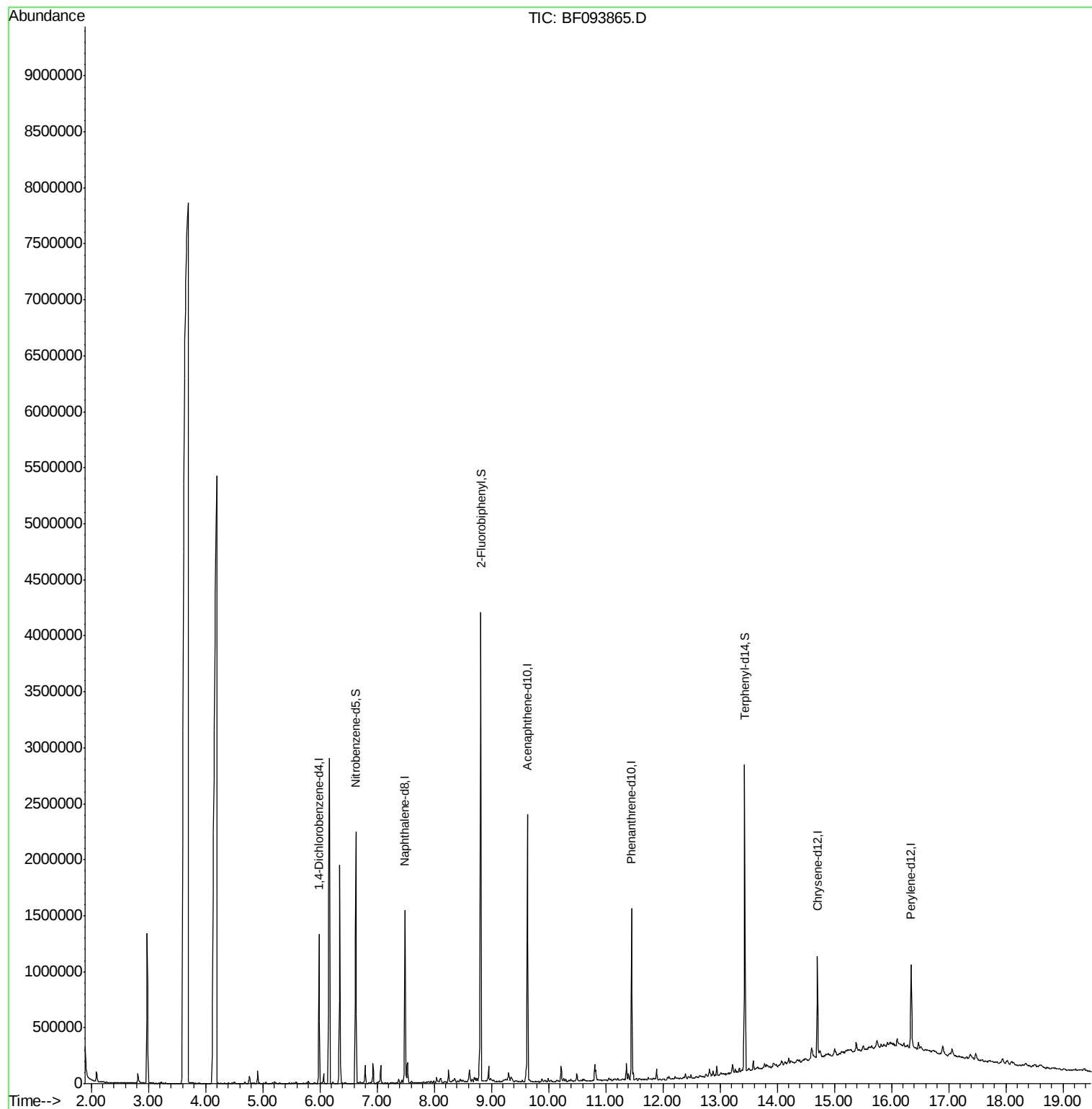
Target Compounds Qvalue

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

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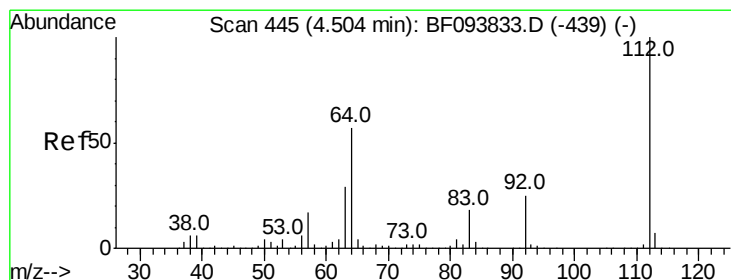
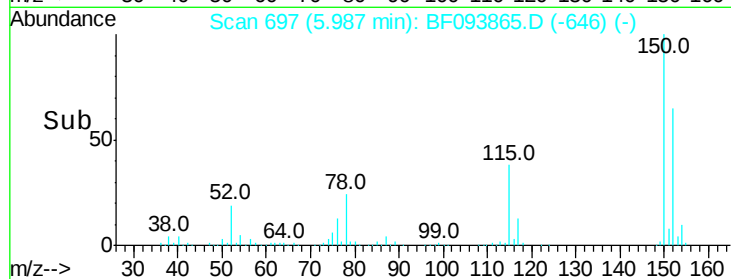
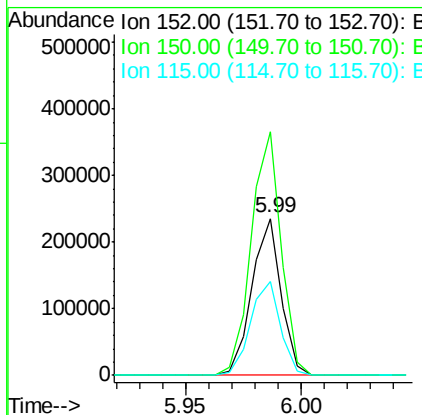
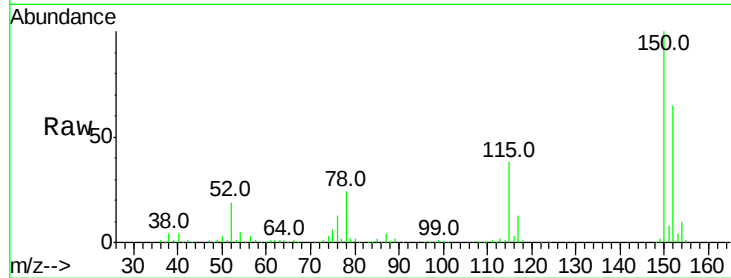


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.99 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF093865.D
Acq: 23 Mar 2017 6:45

Instrument :
BNA_F
ClientSampleId :
VNJ-218

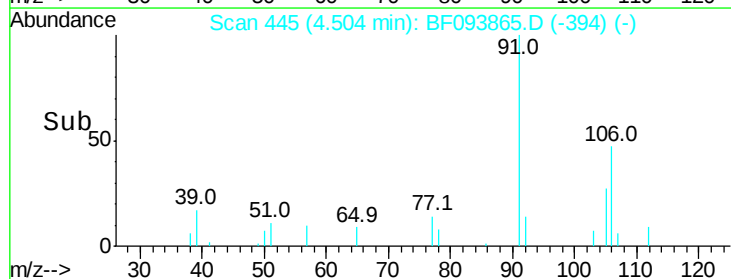
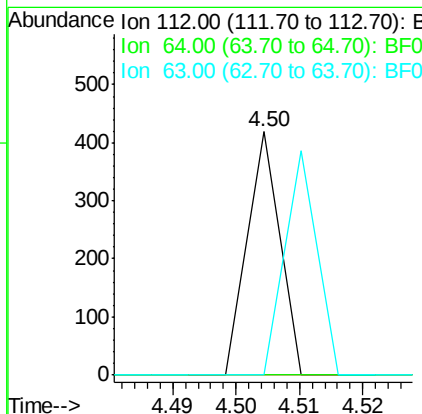
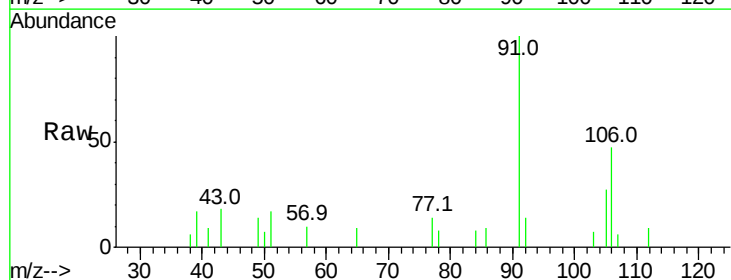
Tot Ion:152 Resp: 208436
Ion Ratio Lower Upper
152 100
150 154.9 126.2 189.2
115 59.6 52.2 78.2



#5

2-Fluorophenol
Concen: 0.01 ng
RT: 4.50 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF093865.D
Acq: 23 Mar 2017 6:45

Tgt Ion:112 Resp: 148
Ion Ratio Lower Upper
112 100
64 0.0 46.0 69.0#
63 0.0 23.4 35.0#





#7

Phenol-d6

Concen: 0.14 ng

RT: 5.56 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF093865.D

Acq: 23 Mar 2017 6:45

Instrument :

BNA_F

ClientSampleId :

VNJ-218

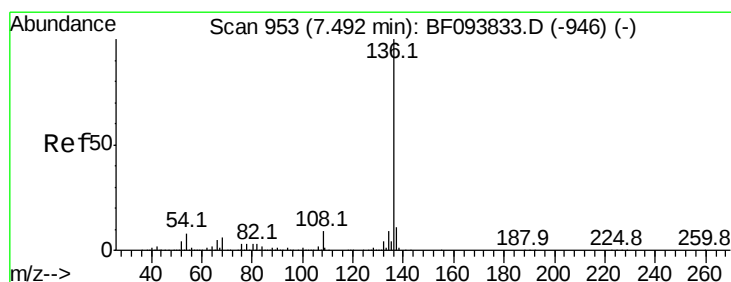
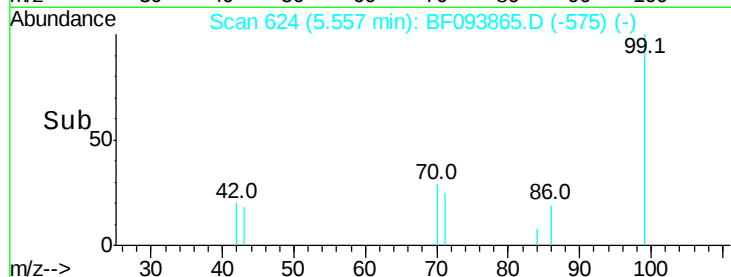
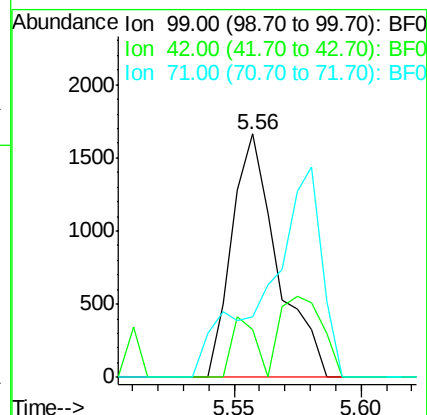
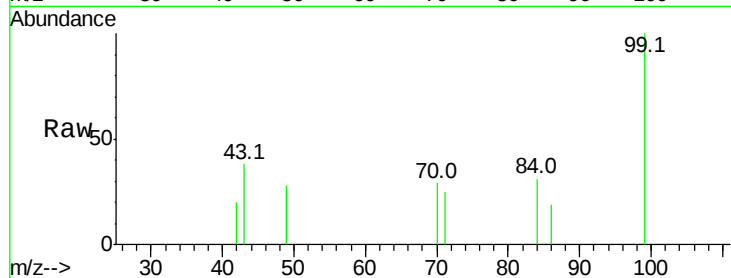
Tot Ion: 99 Resp: 2079

Ion Ratio Lower Upper

99 100

42 19.7 13.5 20.3

71 24.8 24.5 36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.49 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF093865.D

Acq: 23 Mar 2017 6:45

Tgt Ion: 136 Resp: 835256

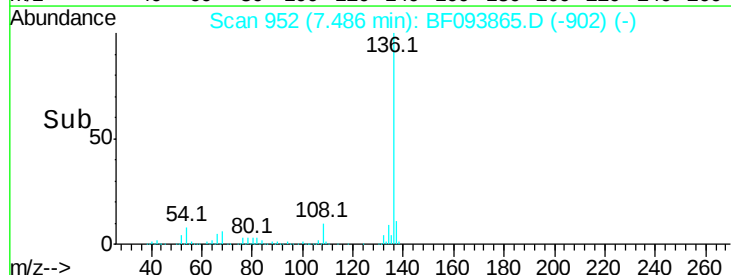
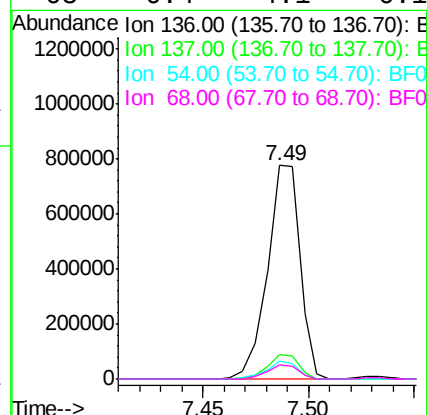
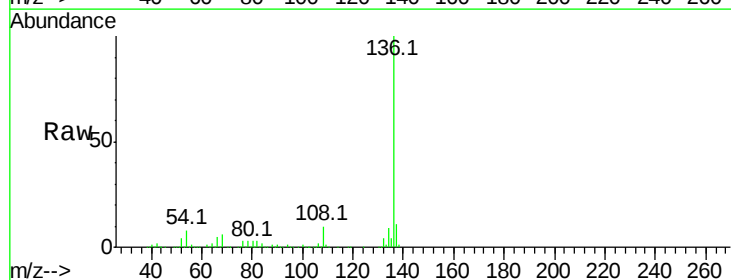
Ion Ratio Lower Upper

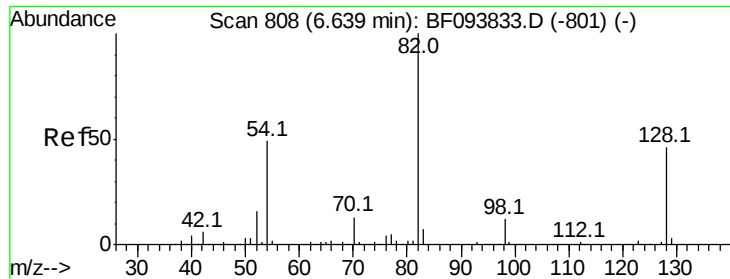
136 100

137 11.1 8.5 12.7

54 8.2 4.9 7.3#

68 6.4 4.1 6.1#

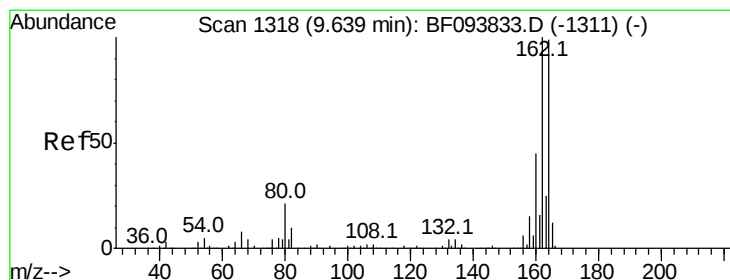
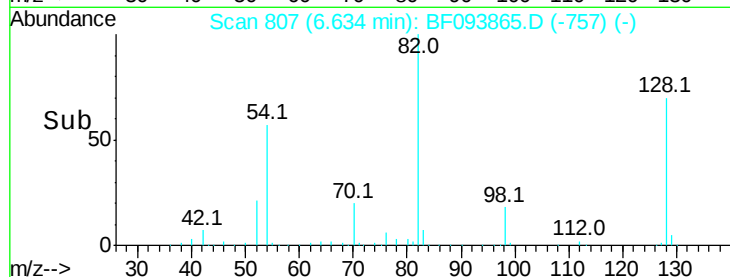
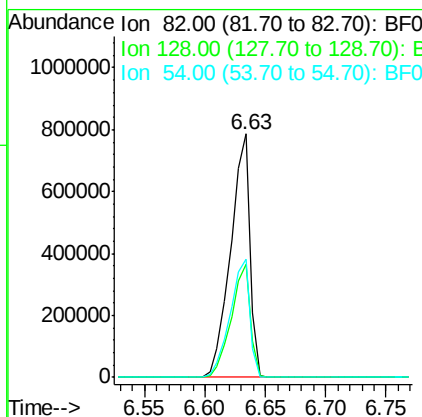
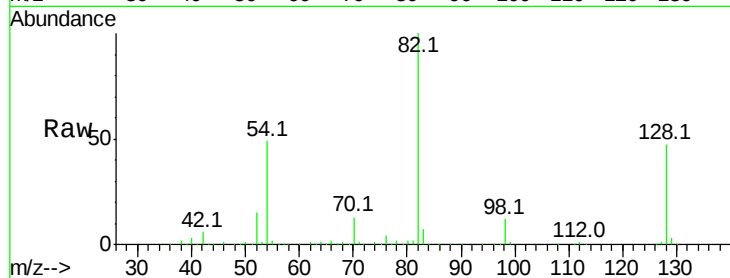




#23
 Nitrobenzene-d5
 Concen: 59.86 ng
 RT: 6.63 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF093865.D
 Acq: 23 Mar 2017 6:45

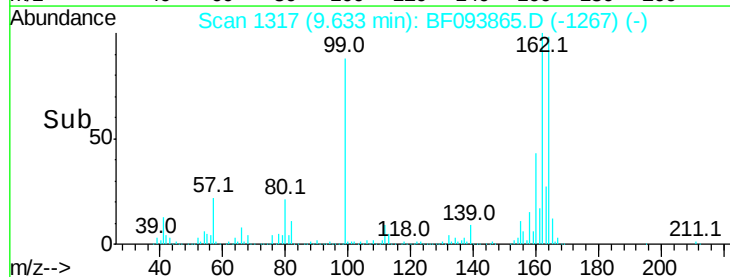
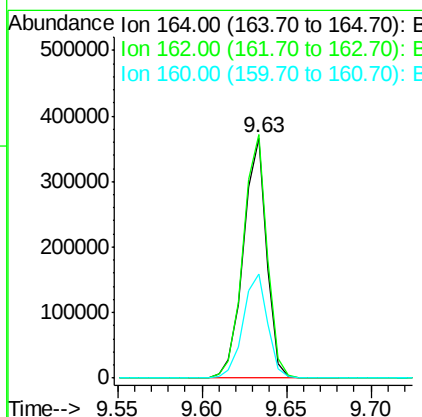
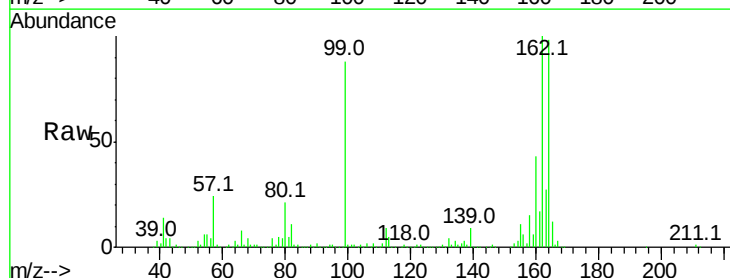
Instrument :
 BNA_F
 ClientSampled :
 VNJ-218

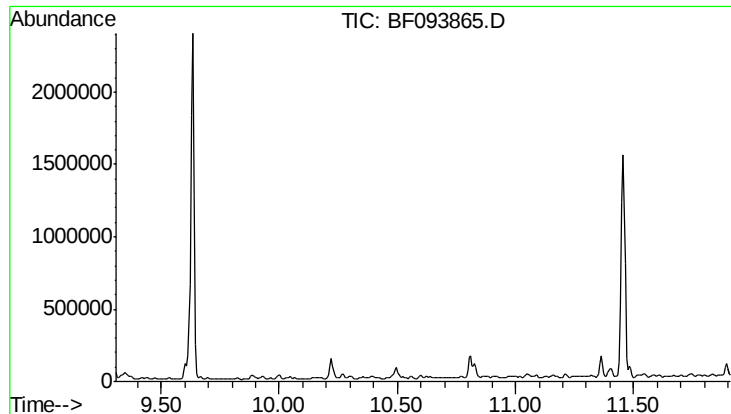
Tot Ion: 82 Resp: 876128
 Ion Ratio Lower Upper
 82 100
 128 46.6 34.0 51.0
 54 48.6 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF093865.D
 Acq: 23 Mar 2017 6:45

Tgt Ion:164 Resp: 352527
 Ion Ratio Lower Upper
 164 100
 162 101.5 82.6 123.8
 160 43.6 36.2 54.2

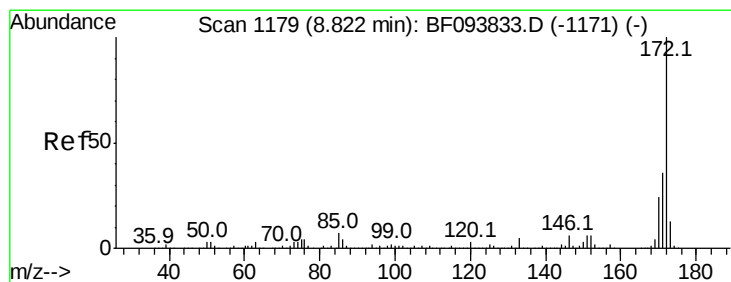
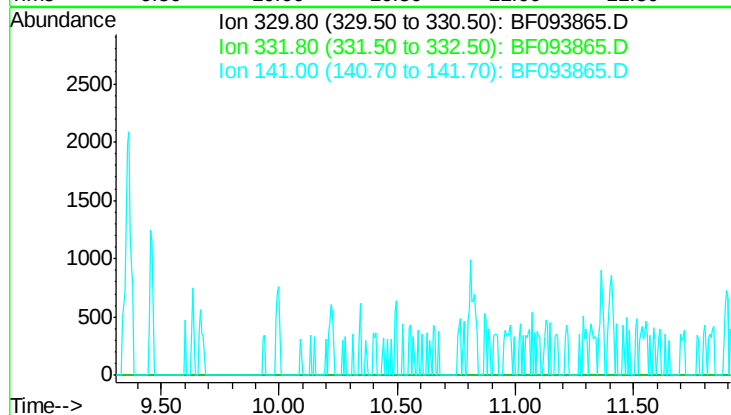




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.61 min
 Lab File: BF093865.D
 Acq: 23 Mar 2017 6:45

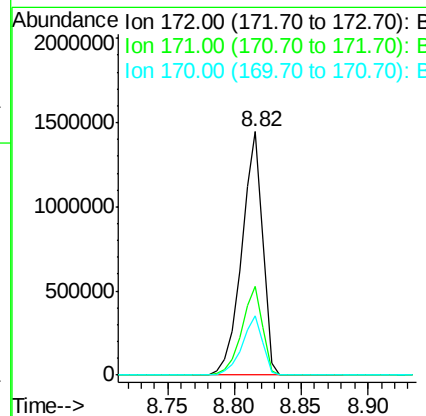
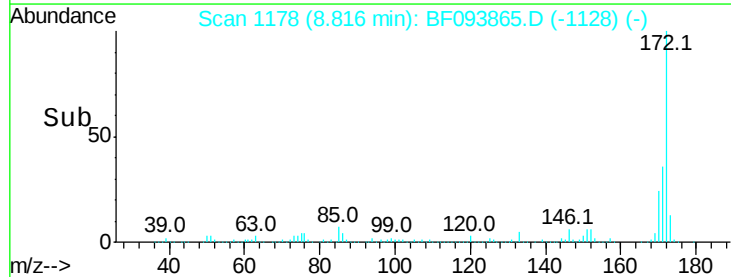
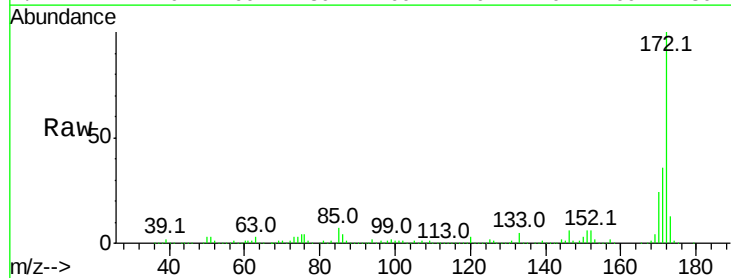
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-218

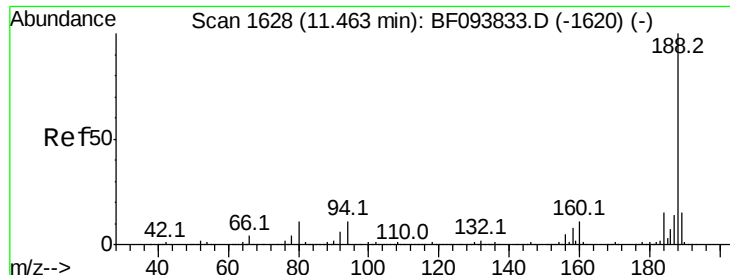
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 95.8
 141 39.3



#44
 2-Fluorobiphenyl
 Concen: 68.17 ng
 RT: 8.82 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF093865.D
 Acq: 23 Mar 2017 6:45

Tgt Ion: 172 Resp: 1575537
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.2 19.8 29.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.46 min Scan# 1627

Delta R.T. -0.01 min

Lab File: BF093865.D

Acq: 23 Mar 2017 6:45

Instrument :

BNA_F

ClientSampleId :

VNJ-218

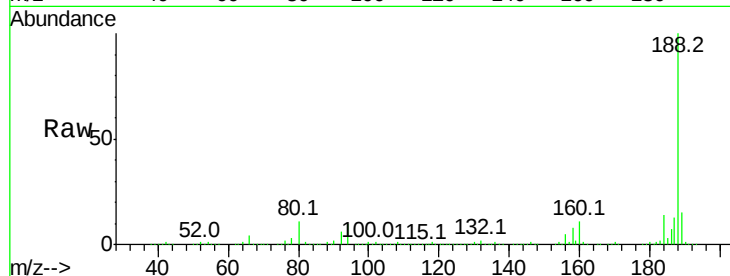
Tot Ion:188 Resp: 587605

Ion Ratio Lower Upper

188 100

94 10.5 9.4 14.2

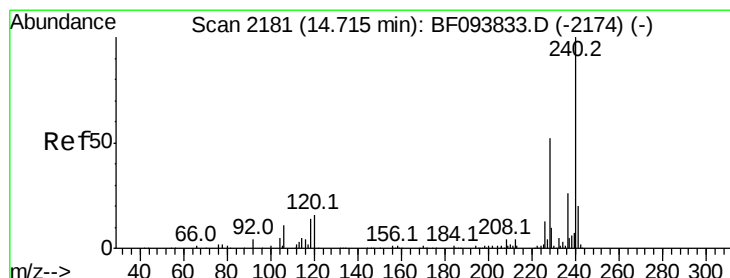
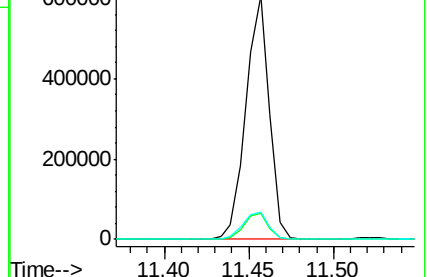
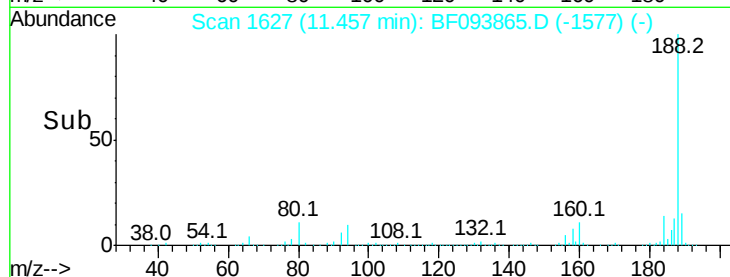
80 11.1 10.2 15.2



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: 14.71 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BF093865.D

Acq: 23 Mar 2017 6:45

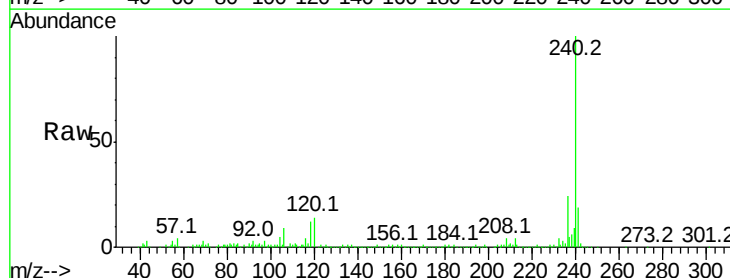
Tgt Ion:240 Resp: 367990

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

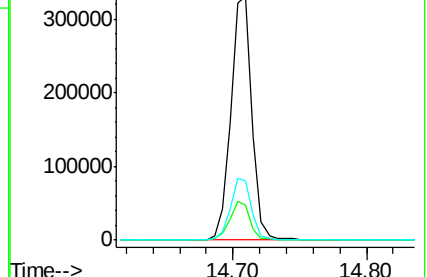
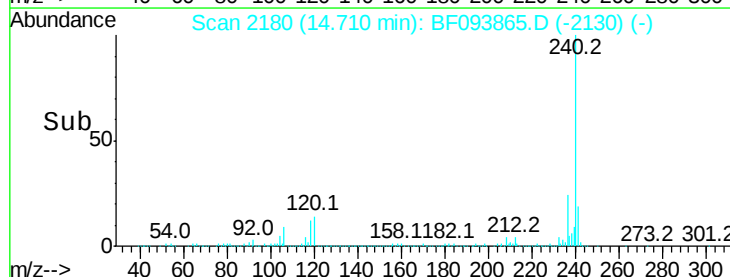
236 24.4 20.5 30.7

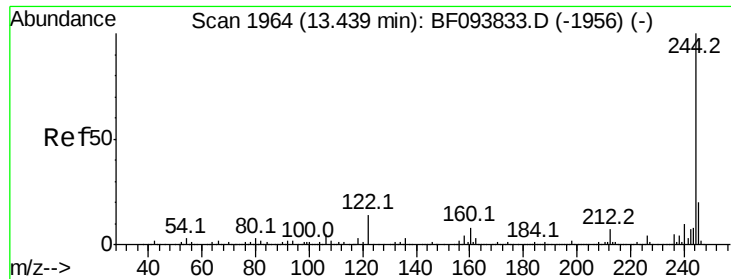


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 63.77 ng

RT: 13.43 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BF093865.D

Acq: 23 Mar 2017 6:45

Instrument :

BNA_F

ClientSampleId :

VNJ-218

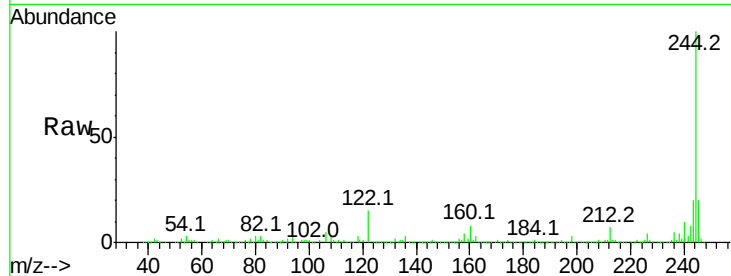
Tot Ion:244 Resp: 1046905

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

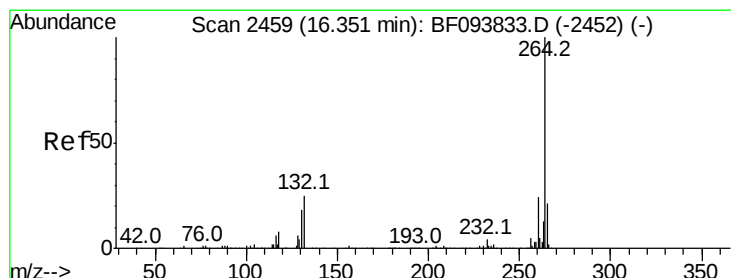
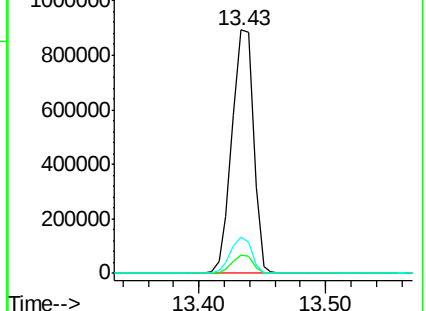
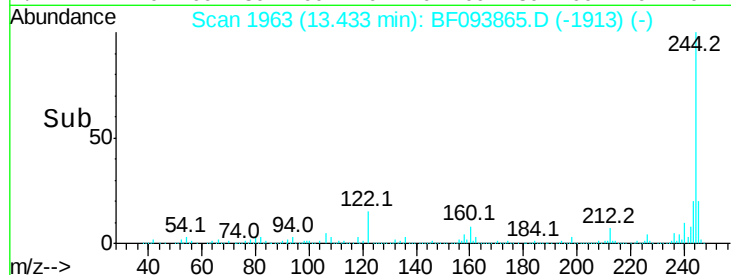
122 14.8 10.3 15.5



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: BF093865.D

Acq: 23 Mar 2017 6:45

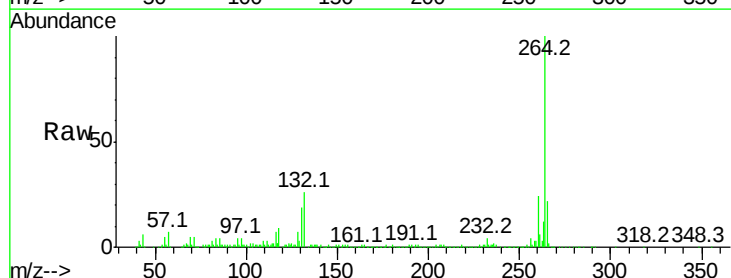
Tgt Ion:264 Resp: 305554

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 21.8 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

