

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 07:11:30 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

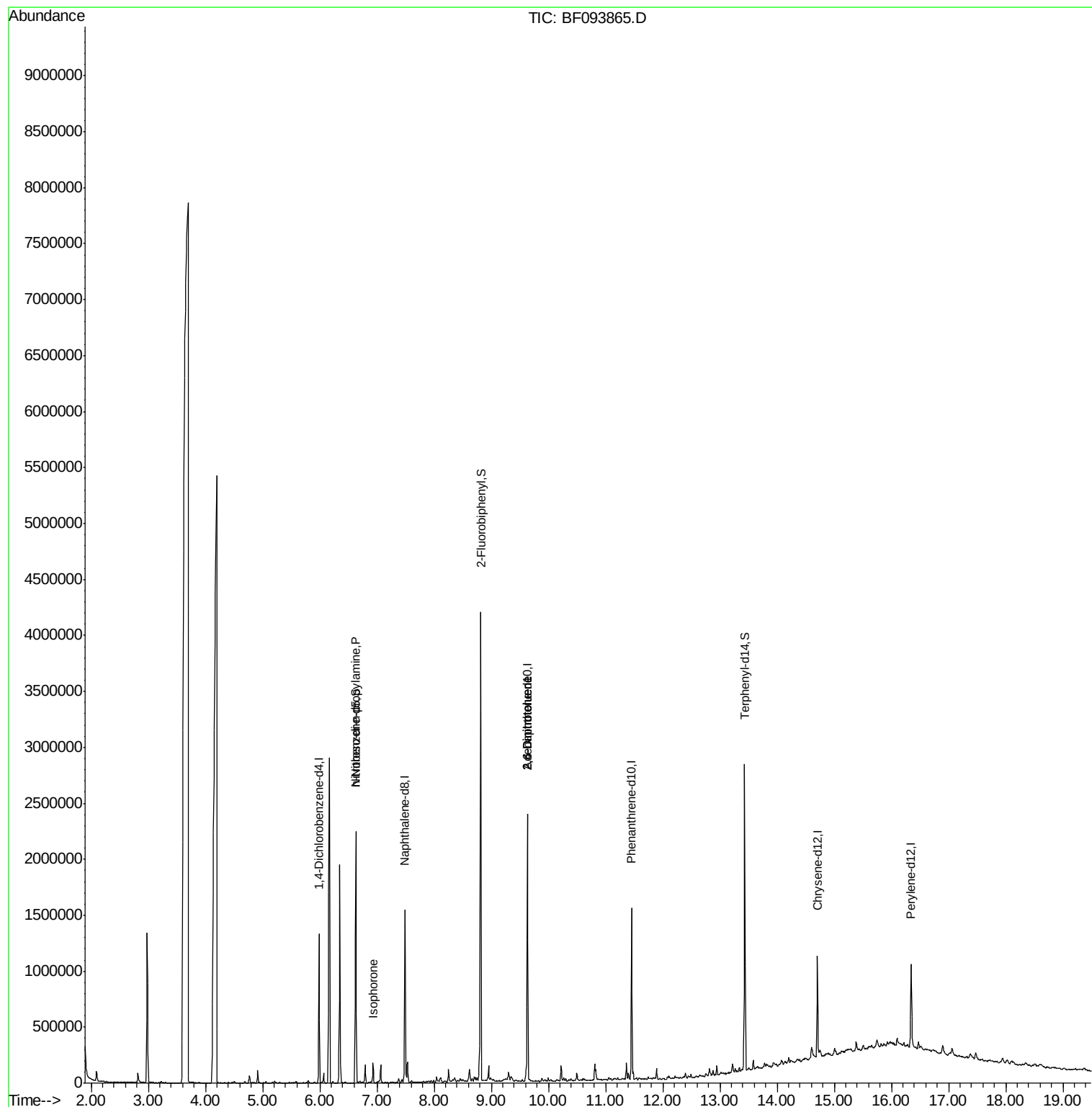
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.99	152	208436	20.00	ng	0.00
21) Naphthalene-d8	7.49	136	835256	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	352527	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	587605	20.00	ng	0.00
75) Chrysene-d12	14.71	240	367990	20.00	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						
19) n-Nitroso-di-n-propylamine	6.63	70	116361	11.86	ng	# 77
25) Isophorone	6.93	82	63375	2.46	ng	99
50) 2,6-Dinitrotoluene	9.63	165	45253	7.88	ng	# 33
56) 2,4-Dinitrotoluene	9.63	165	45367	6.29	ng	# 33

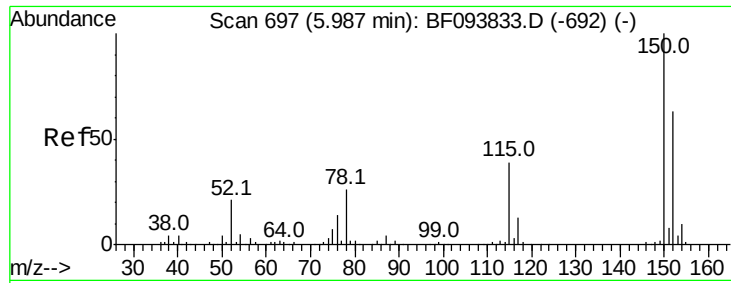
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 07:11:30 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



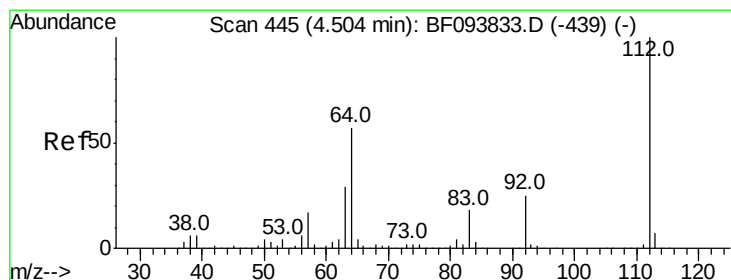
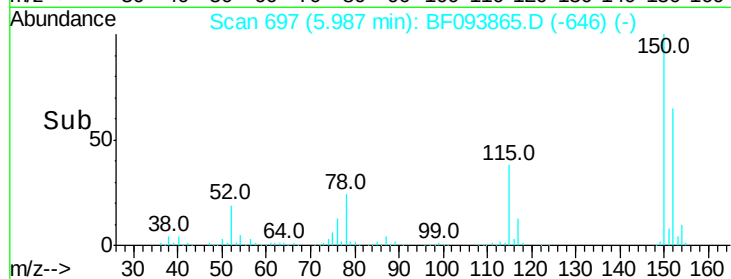
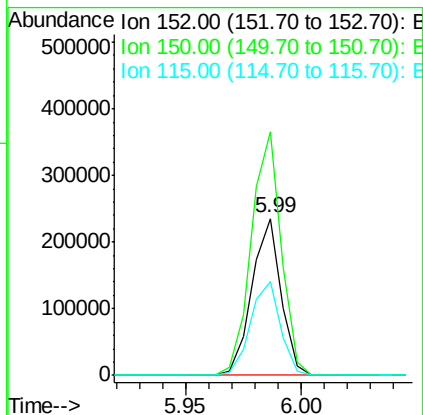
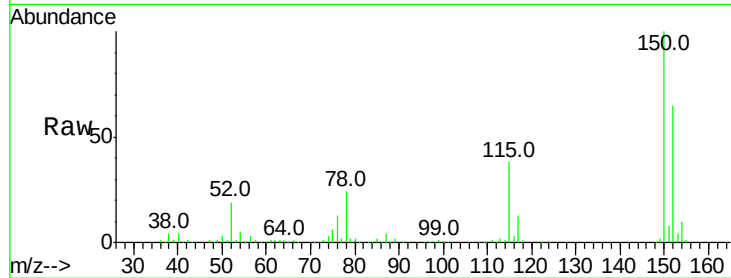


#1

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

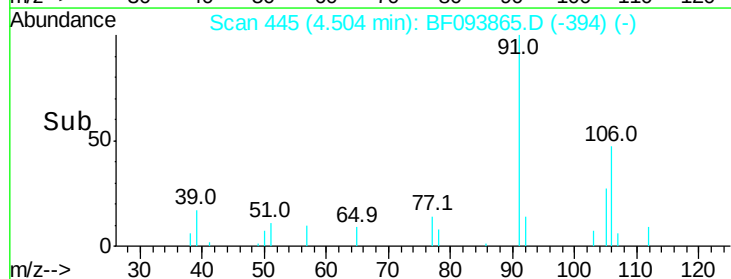
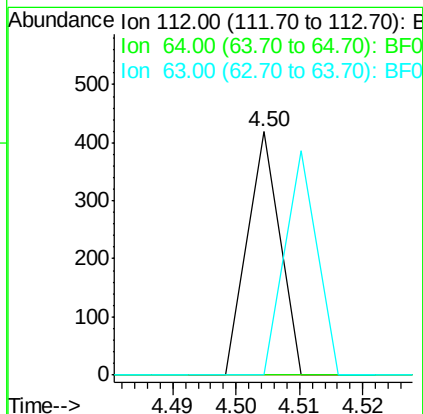
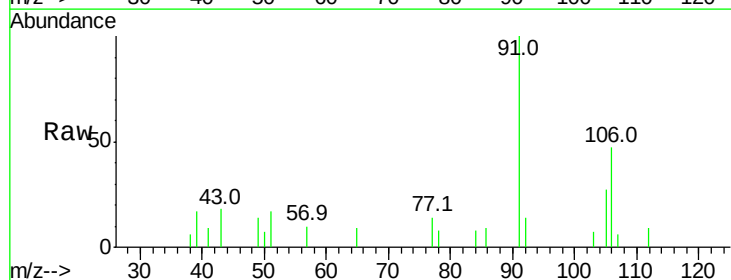
Tot Ion:152 Resp: 208436
Ion Ratio Lower Upper
152 100
150 154.9 126.2 189.2
115 59.6 52.2 78.2

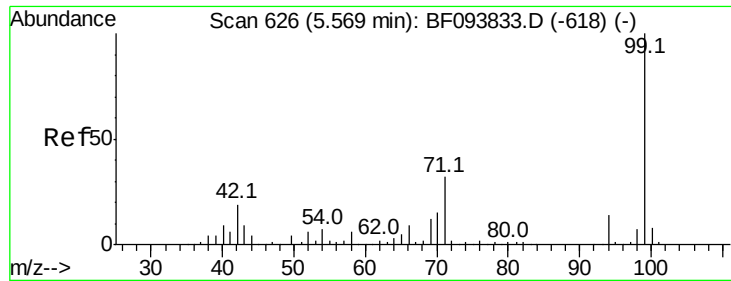


#5

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

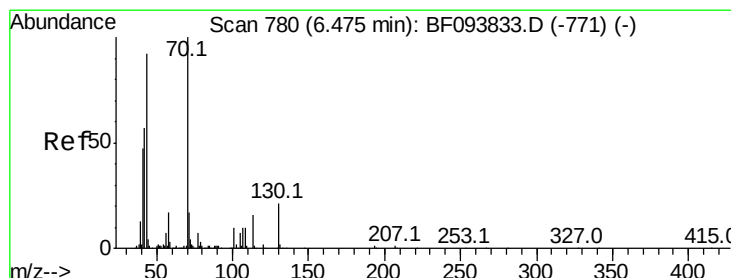
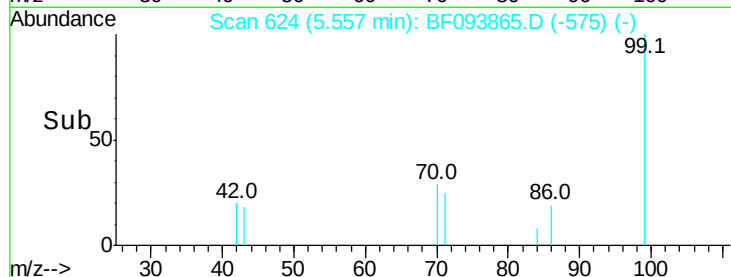
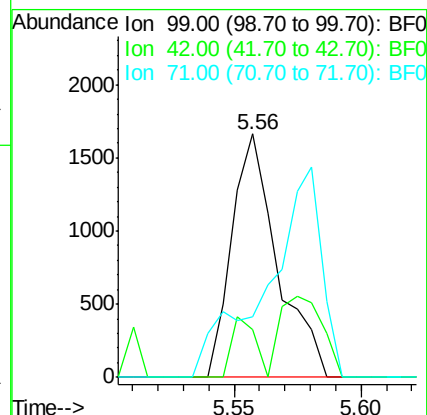
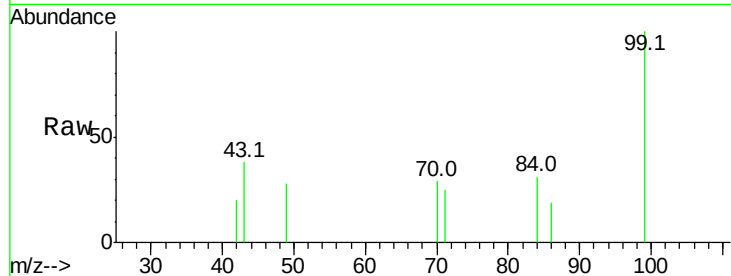
Tot Ion: 99 Resp: 2079

Ion Ratio Lower Upper

99 100

42 19.7 13.5 20.3

71 24.8 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 11.86 ng

RT: 6.63 min Scan# 807

Delta R.T. 0.16 min

Lab File: BF093865.D

Acq: 23 Mar 2017 6:45

Tgt Ion: 70 Resp: 116361

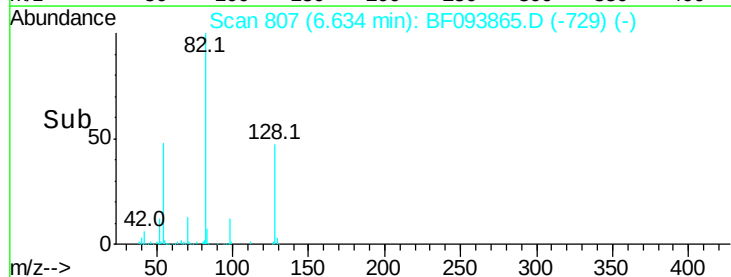
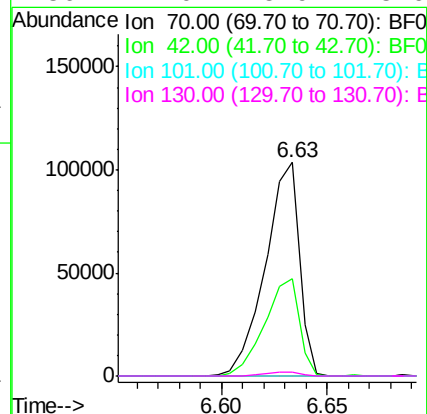
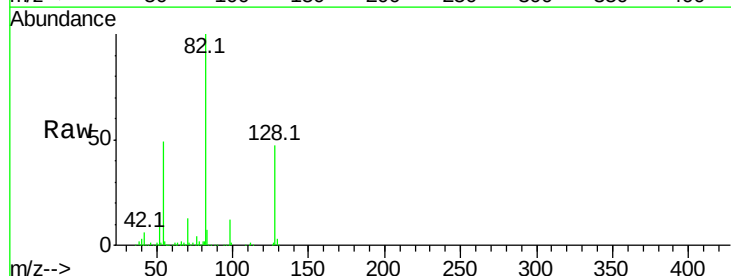
Ion Ratio Lower Upper

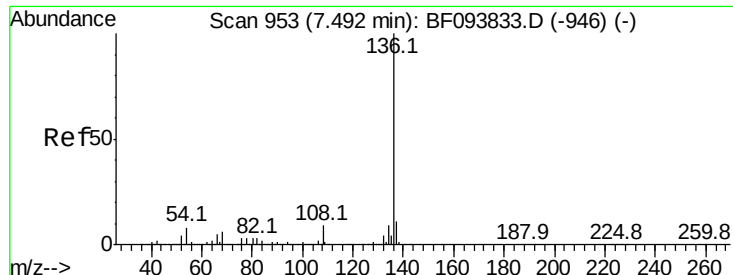
70 100

42 45.7 47.2 70.8#

101 0.0 7.2 10.8#

130 2.0 15.9 23.9#

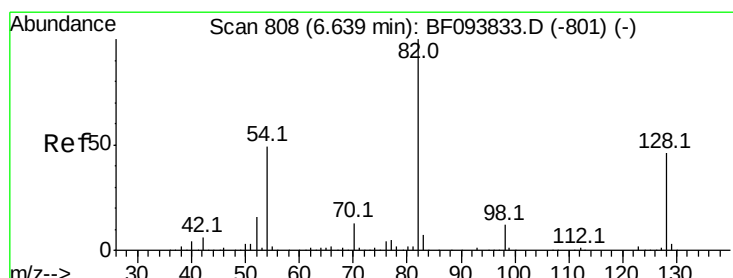
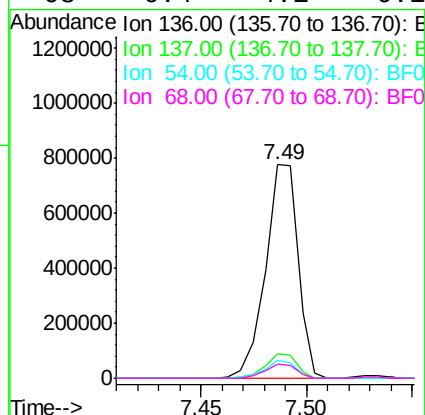
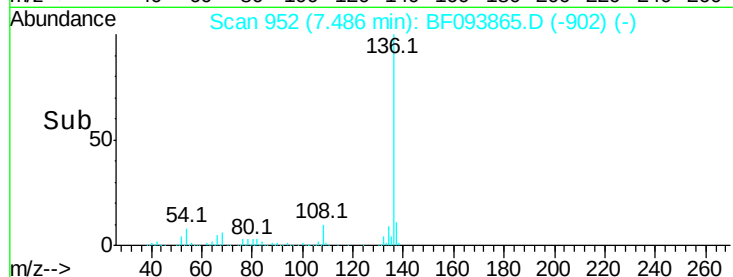
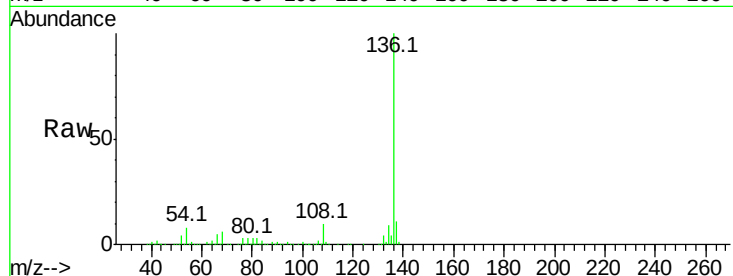




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.49 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF093865.D
Acq: 23 Mar 2017 6:45

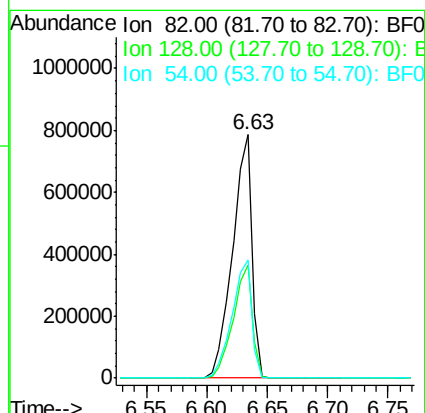
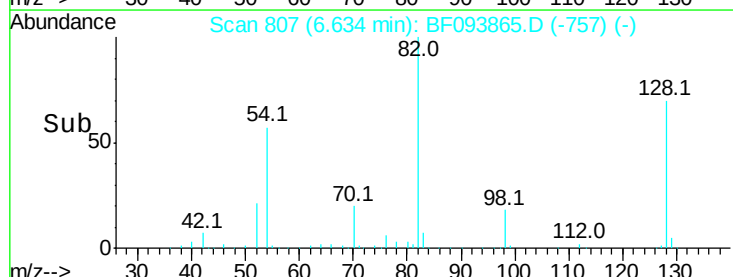
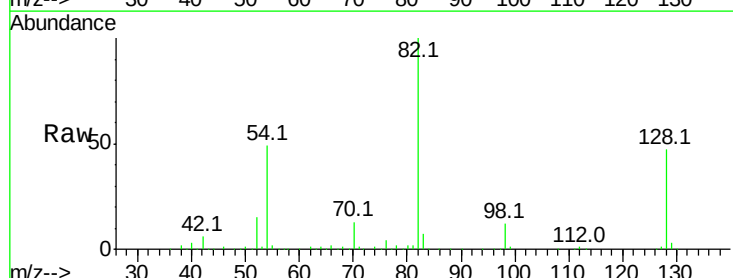
Instrument :
BNA_F
ClientSampleId :
VNJ-218

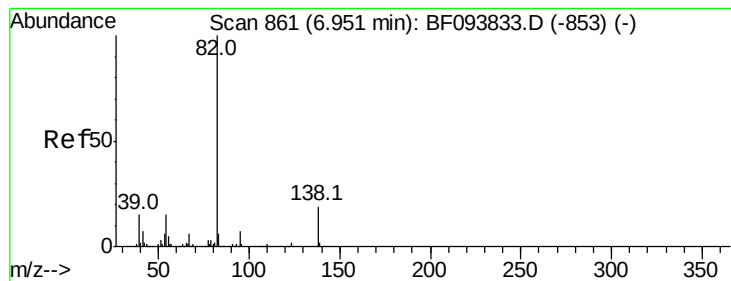
Tot Ion:136	Resp:	835256
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.5 12.7
54	8.2	4.9 7.3#
68	6.4	4.1 6.1#



#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

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





#25

Isophorone

Concen: 2.46 ng

RT: 6.93 min Scan# 858

Delta R.T. -0.02 min

Lab File: BF093865.D

Acq: 23 Mar 2017 6:45

Instrument :

BNA_F

ClientSampleId :

VNJ-218

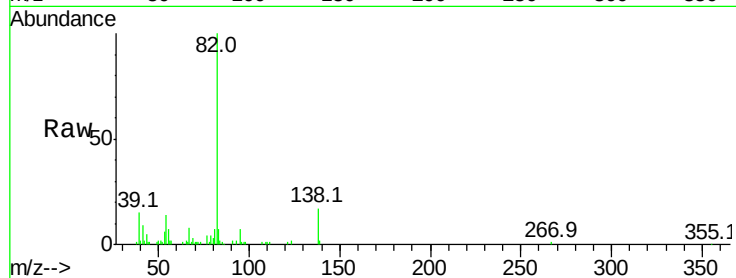
Tot Ion: 82 Resp: 63375

Ion Ratio Lower Upper

82 100

95 7.3 5.3 7.9

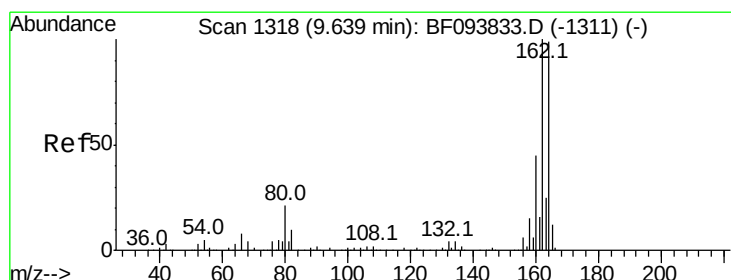
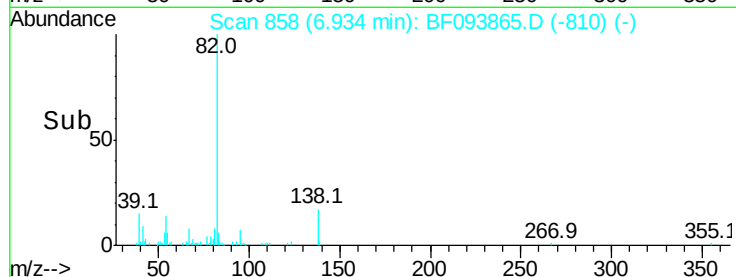
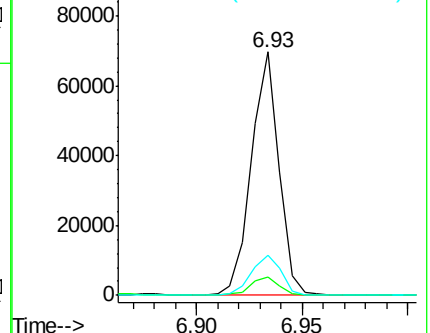
138 16.7 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#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

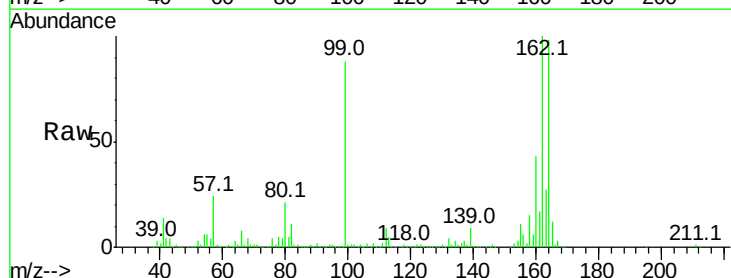
Tgt Ion: 164 Resp: 352527

Ion Ratio Lower Upper

164 100

162 101.5 82.6 123.8

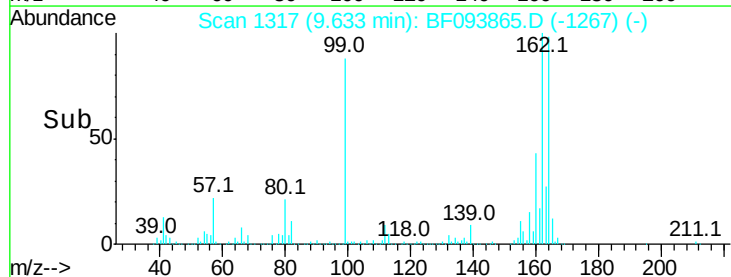
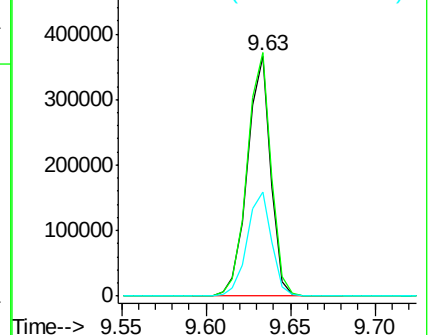
160 43.6 36.2 54.2

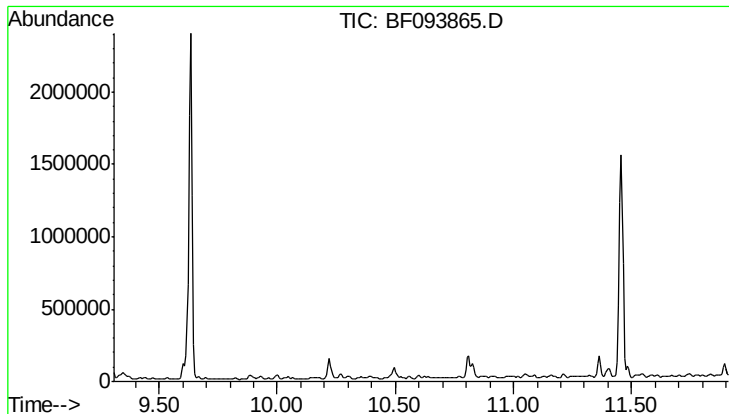


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

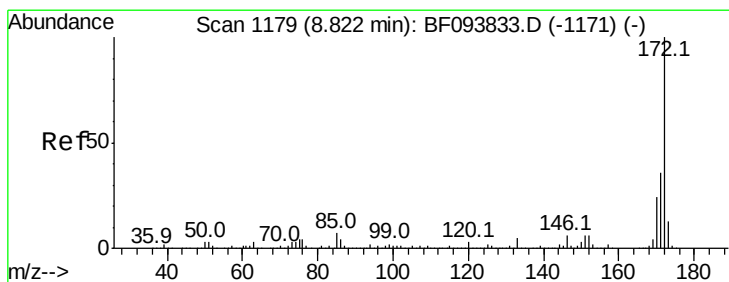
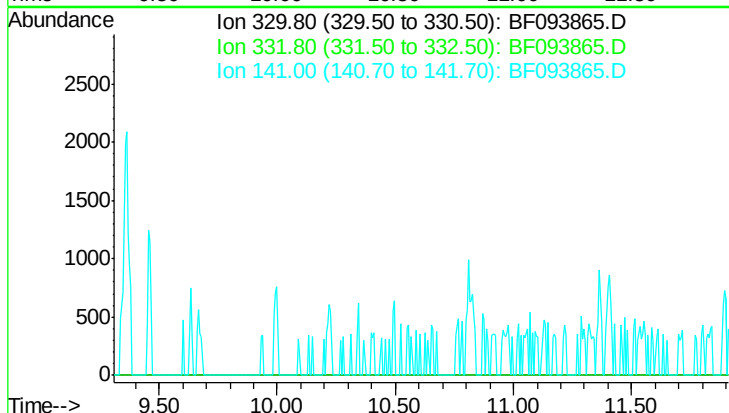




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.61 min
 Lab File: BF093865.D
 Acq: 23 Mar 2017 6:45

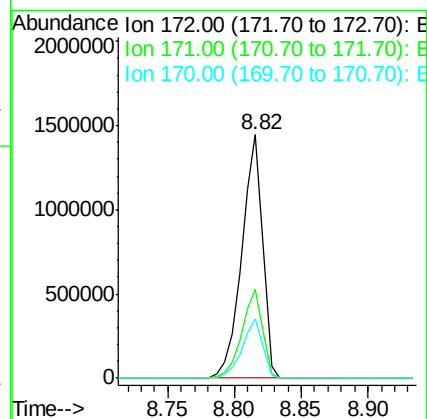
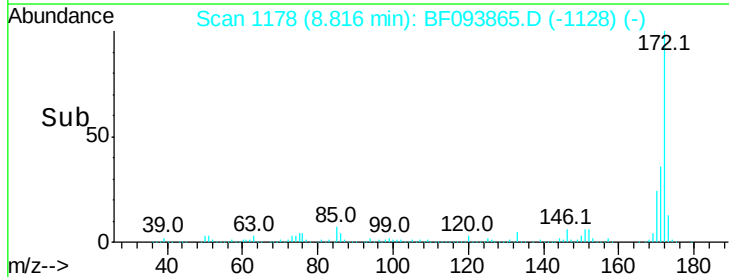
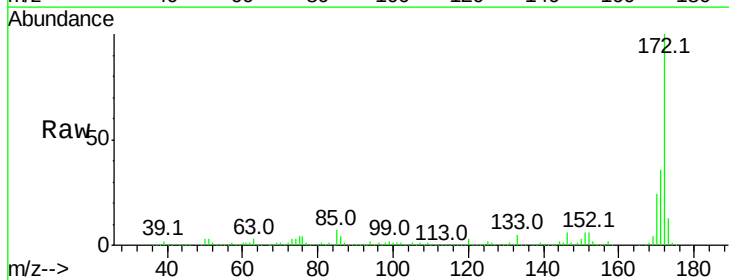
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-218

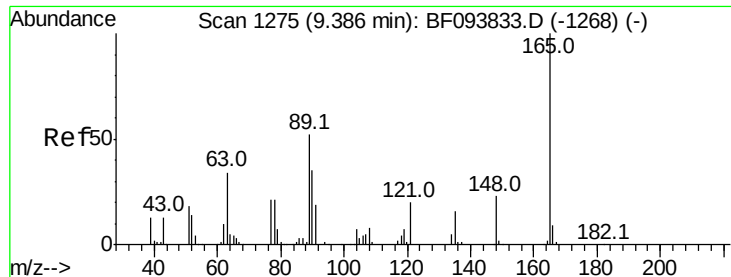
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 95.8
 141 39.3



#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

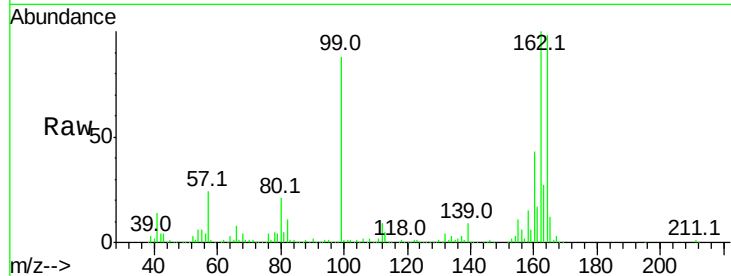




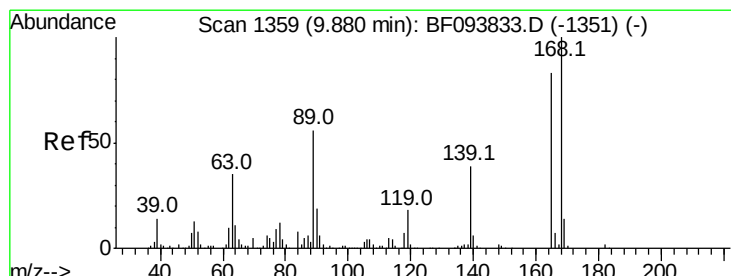
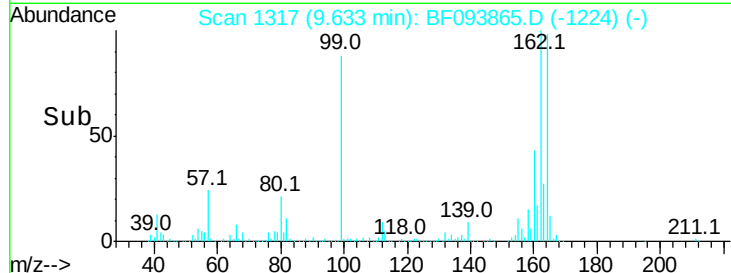
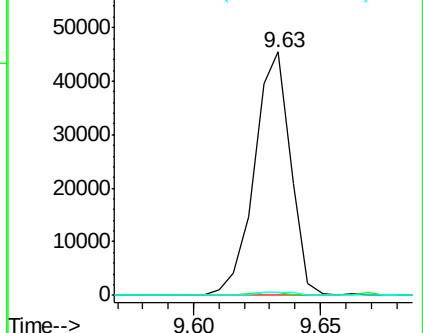
#50
 2,6-Dinitrotoluene
 Concen: 7.88 ng
 RT: 9.63 min Scan# 1317
 Delta R.T. 0.25 min
 Lab File: BF093865.D
 Acq: 23 Mar 2017 6:45

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-218

Tot Ion:165 Resp: 45253
 Ion Ratio Lower Upper
 165 100
 63 1.3 34.3 51.5#
 89 1.3 37.1 55.7#

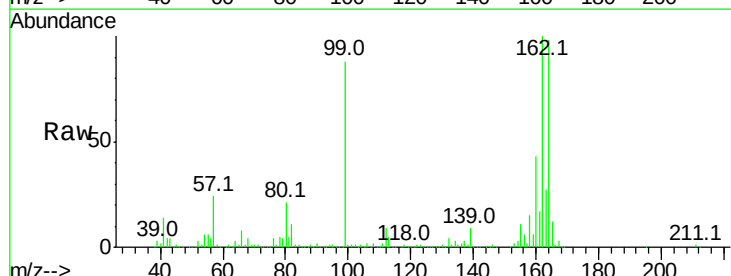


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

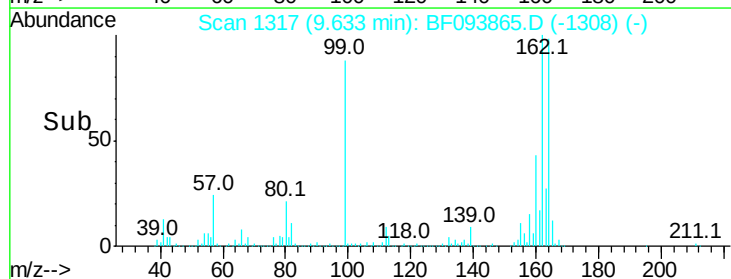
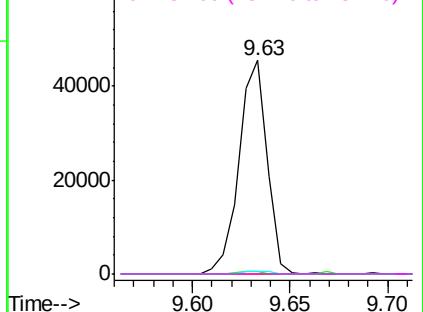


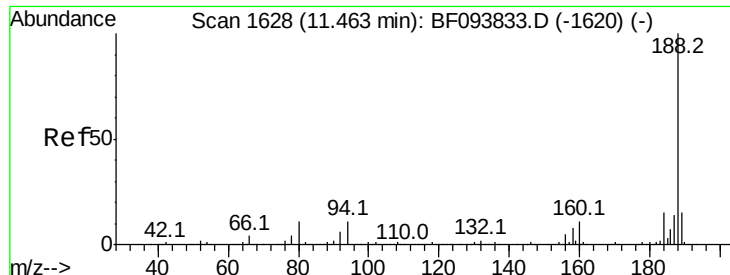
#56
 2,4-Dinitrotoluene
 Concen: 6.29 ng
 RT: 9.63 min Scan# 1317
 Delta R.T. -0.25 min
 Lab File: BF093865.D
 Acq: 23 Mar 2017 6:45

Tgt Ion:165 Resp: 45367
 Ion Ratio Lower Upper
 165 100
 63 1.3 25.4 38.0#
 89 1.3 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: BF093865.D

Acq: 23 Mar 2017 6:45

Instrument :

BNA_F

ClientSampleId :

VNJ-218

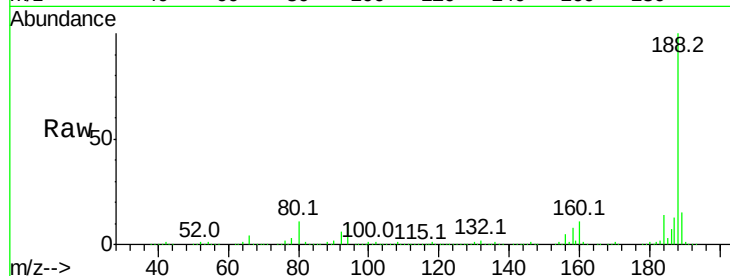
Tot Ion:188 Resp: 587605

Ion Ratio Lower Upper

188 100

94 10.5 9.4 14.2

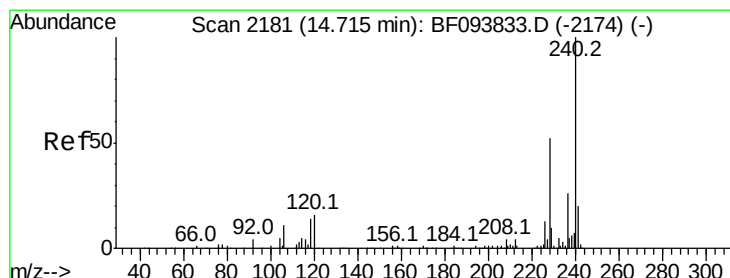
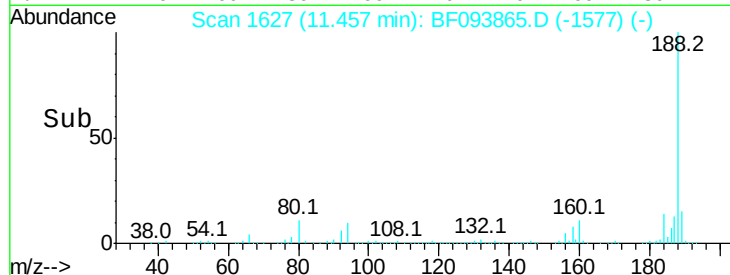
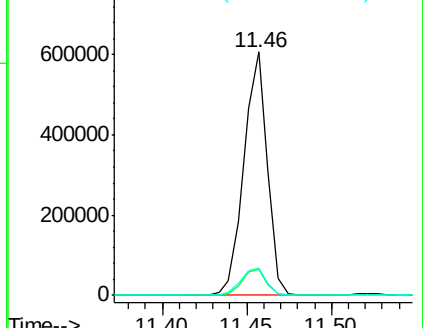
80 11.1 10.2 15.2



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

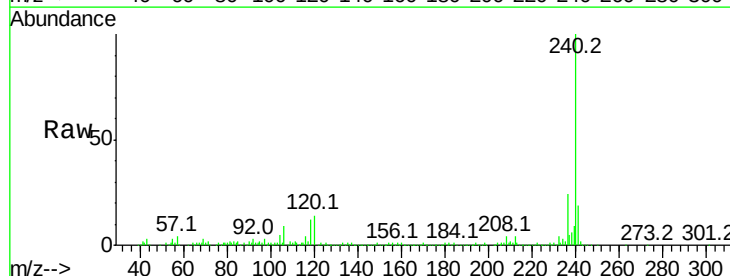
Tgt Ion:240 Resp: 367990

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

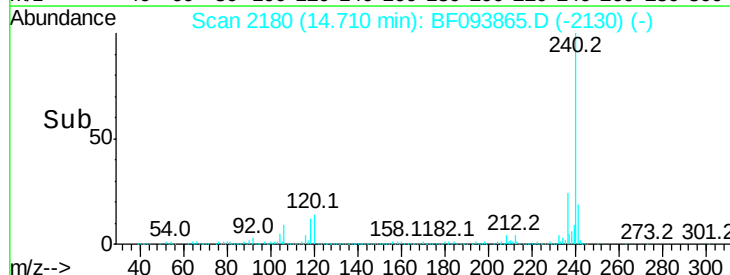
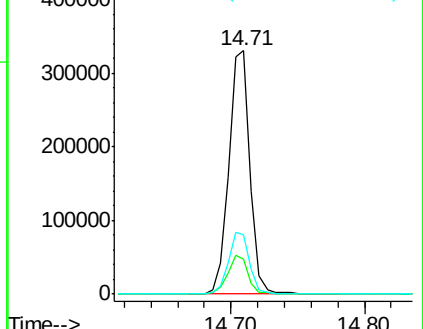
236 24.4 20.5 30.7

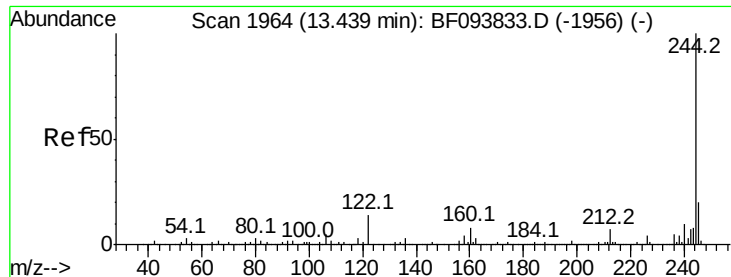


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

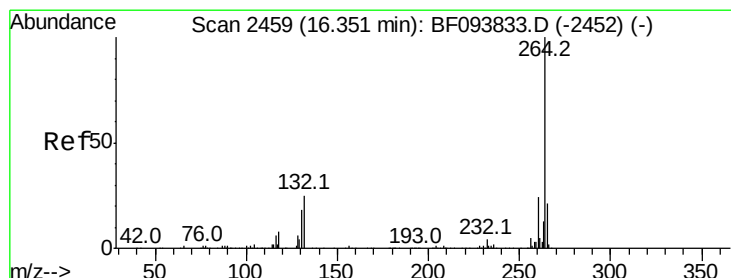
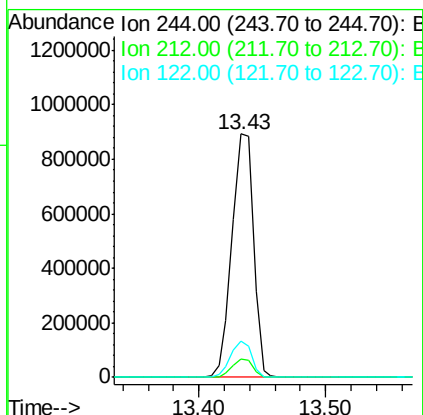
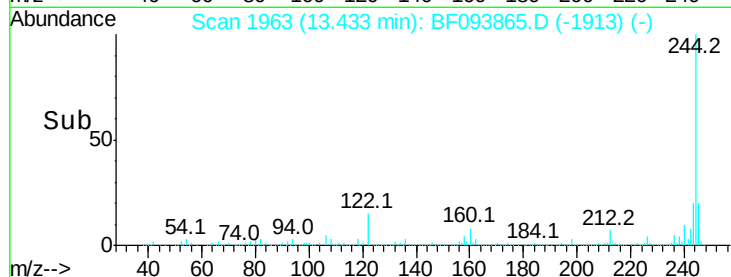
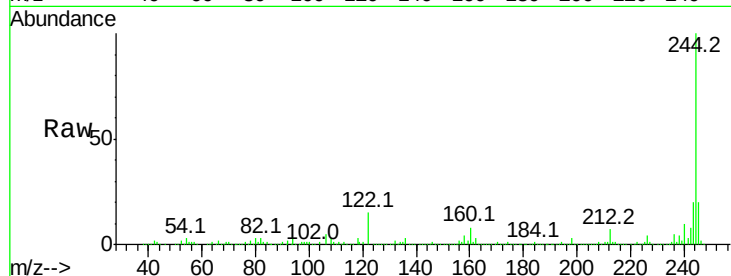




#78
 Terphenyl-d14
 Concen: 63.77 ng
 RT: 13.43 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: BF093865.D
 Acq: 23 Mar 2017 6:45

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



#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

