

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
 Data File : BF093866.D
 Acq On : 23 Mar 2017 7:13
 Operator : SJ/MA
 Sample : I2348-03
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-229

Quant Time: Mar 23 07:49:55 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

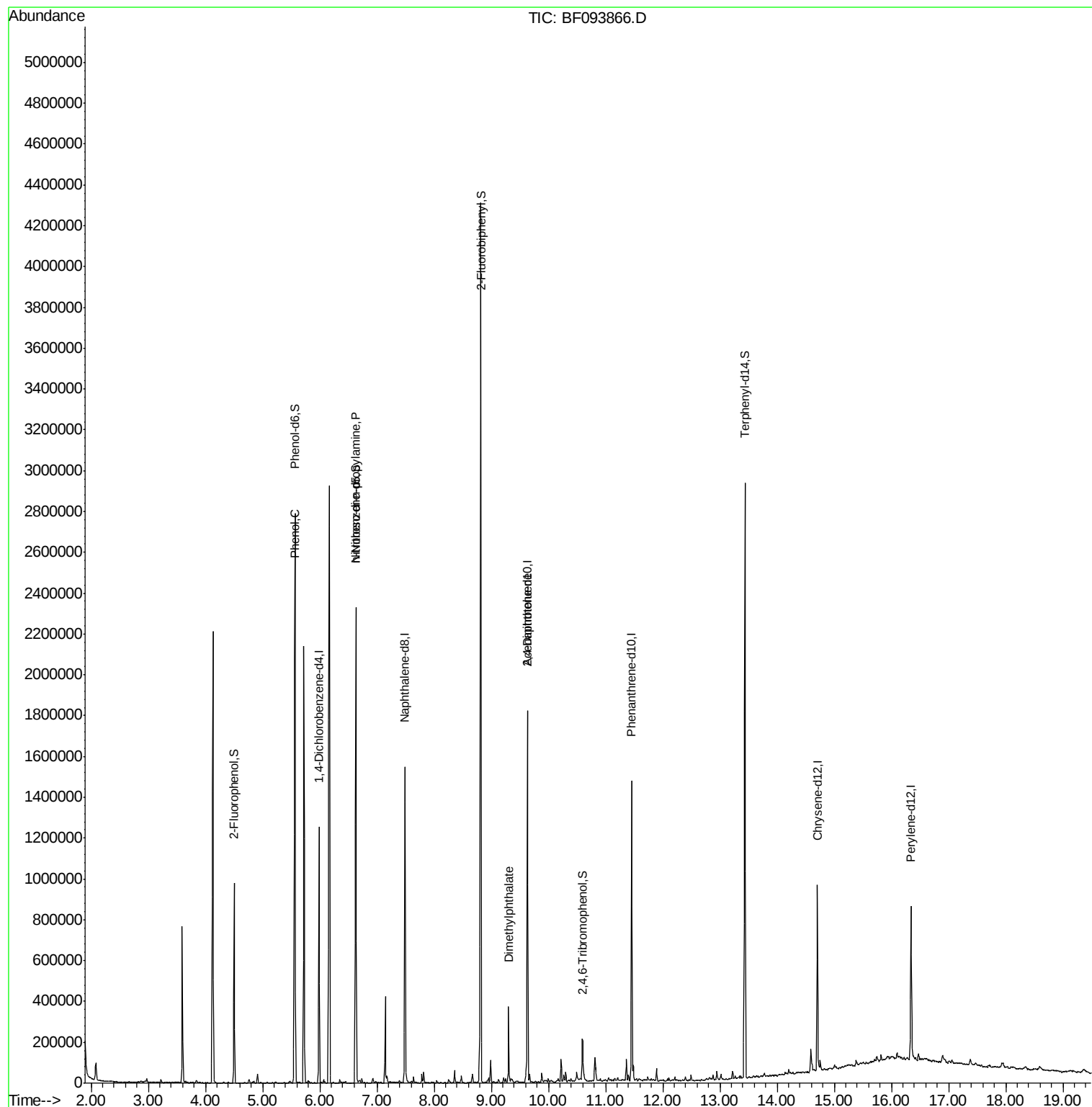
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.99	152	199113	20.00	ng	0.00
21) Naphthalene-d8	7.49	136	793255	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	341388	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	561653	20.00	ng	0.00
75) Chrysene-d12	14.70	240	353414	20.00	ng	-0.01
86) Perylene-d12	16.34	264	300647	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.50	112	284231	24.11	ng	0.00
7) Phenol-d6	5.56	99	1217426	83.48	ng	0.00
23) Nitrobenzene-d5	6.63	82	883870	63.59	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	18935	7.02	ng	-0.01
44) 2-Fluorobiphenyl	8.82	172	1598290	71.41	ng	0.00
78) Terphenyl-d14	13.44	244	1088166	69.02	ng	0.00
Target Compounds						
10) Phenol	5.57	94	58603	3.53	ng	Qvalue 90
19) n-Nitroso-di-n-propylamine	6.63	70	124893	13.32	ng	# 76
49) Dimethylphthalate	9.30	163	146063	6.02	ng	98
56) 2,4-Dinitrotoluene	9.63	165	45113	6.46	ng	# 33

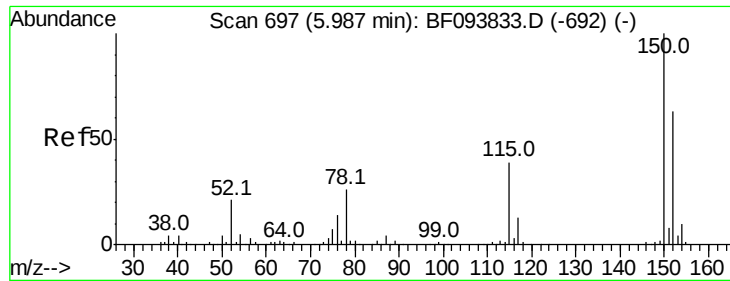
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
Data File : BF093866.D
Acq On : 23 Mar 2017 7:13
Operator : SJ/MA
Sample : I2348-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-229

Quant Time: Mar 23 07:49:55 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



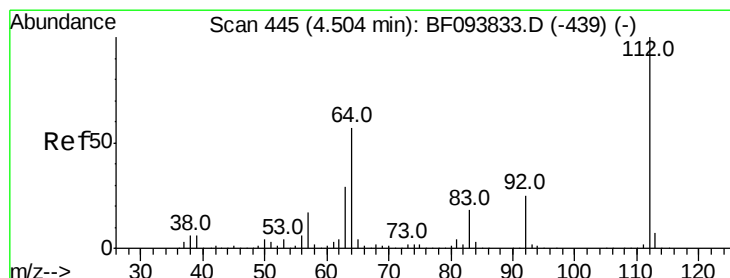
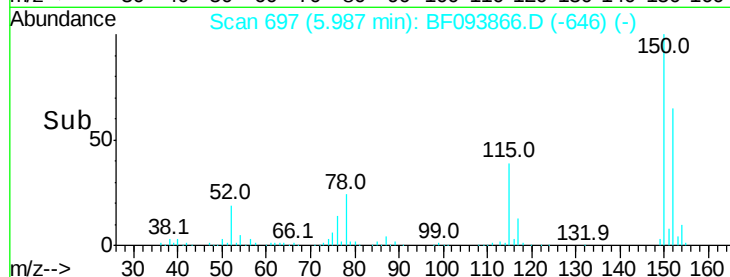
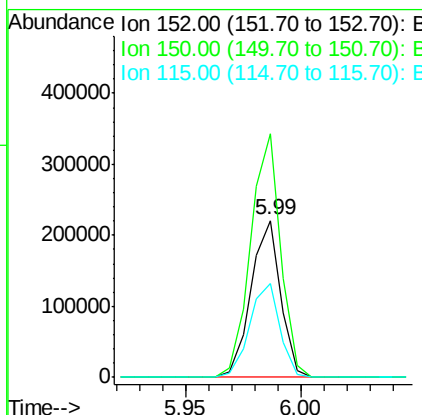
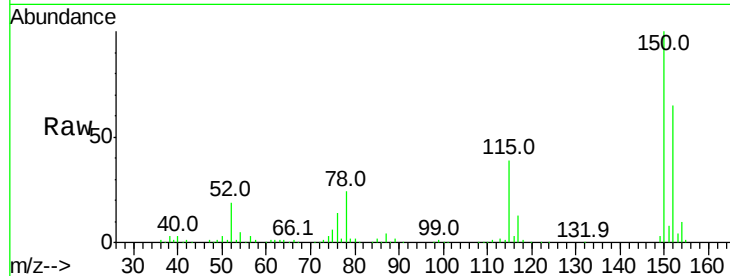


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.99 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF093866.D
Acq: 23 Mar 2017 7:13

Instrument :
BNA_F
ClientSampleId :
VNJ-229

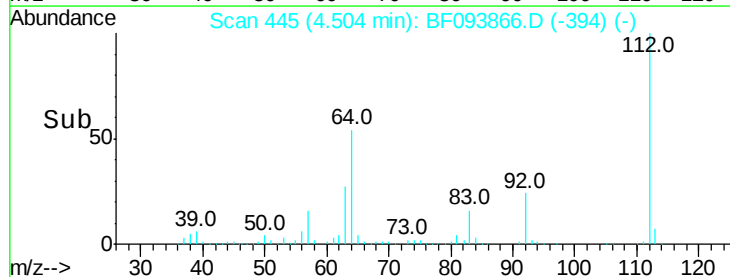
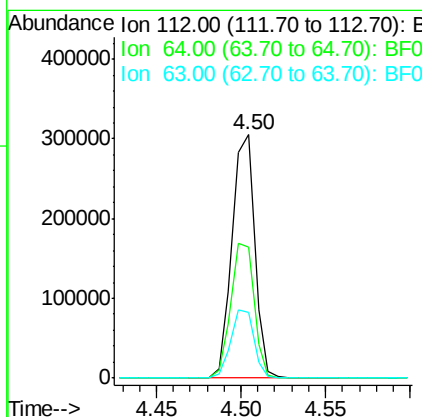
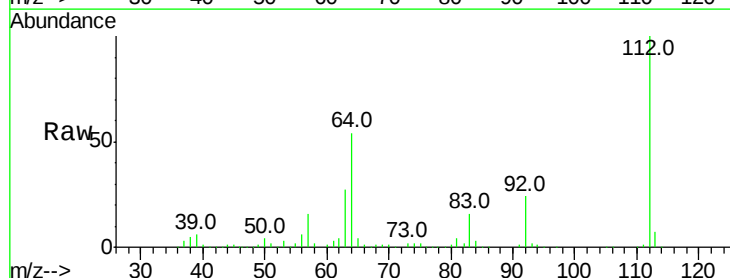
Tot Ion:152 Resp: 199113
Ion Ratio Lower Upper
152 100
150 154.9 126.2 189.2
115 60.1 52.2 78.2

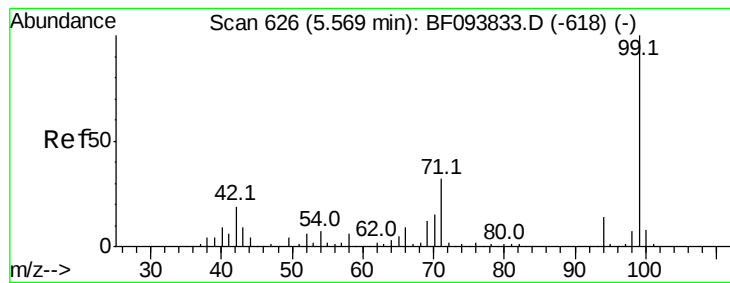


#5

2-Fluorophenol
Concen: 24.11 ng
RT: 4.50 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF093866.D
Acq: 23 Mar 2017 7:13

Tgt Ion:112 Resp: 284231
Ion Ratio Lower Upper
112 100
64 53.8 46.0 69.0
63 26.8 23.4 35.0





#7

Phenol-d6

Concen: 83.48 ng

RT: 5.56 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF093866.D

Acq: 23 Mar 2017 7:13

Instrument :

BNA_F

ClientSampleId :

VNJ-229

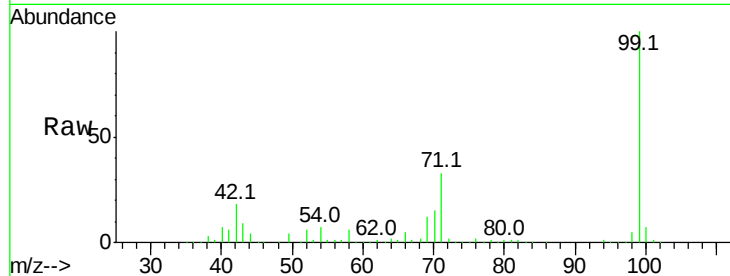
Tot Ion: 99 Resp: 1217426

Ion	Ratio	Lower	Upper
99	100		
42	18.5	13.5	20.3
71	33.1	24.5	36.7

99 100

42 18.5 13.5 20.3

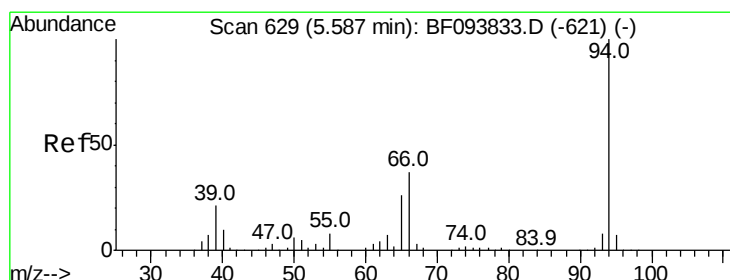
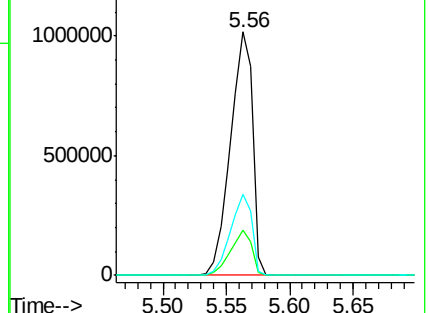
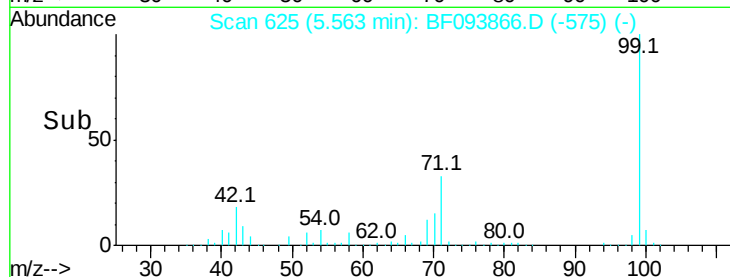
71 33.1 24.5 36.7



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: 3.53 ng

RT: 5.57 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF093866.D

Acq: 23 Mar 2017 7:13

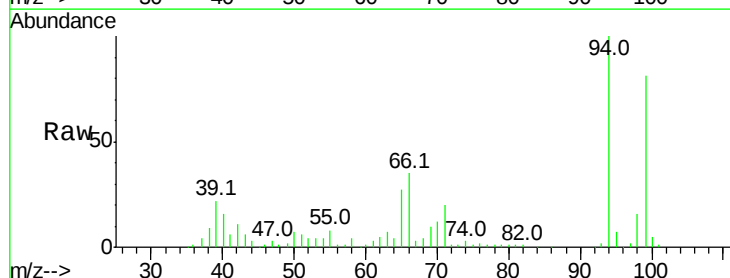
Tgt Ion: 94 Resp: 58603

Ion	Ratio	Lower	Upper
94	100		
65	27.4	9.9	49.9
66	34.5	23.1	63.1

94 100

65 27.4 9.9 49.9

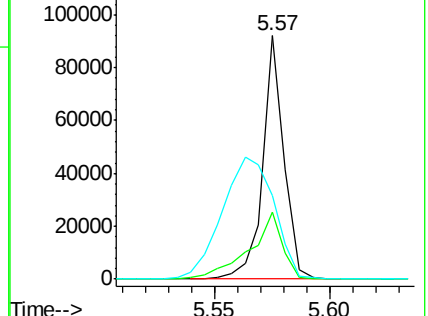
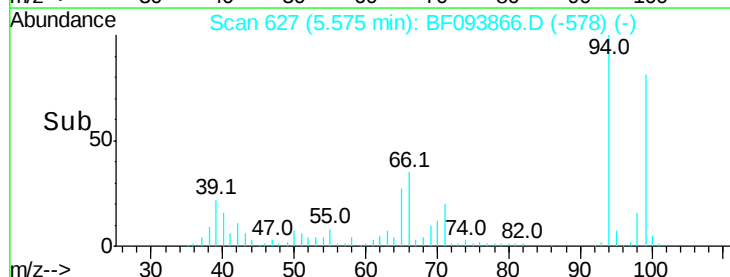
66 34.5 23.1 63.1



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

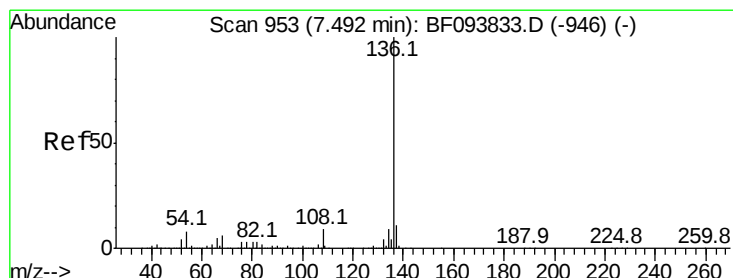
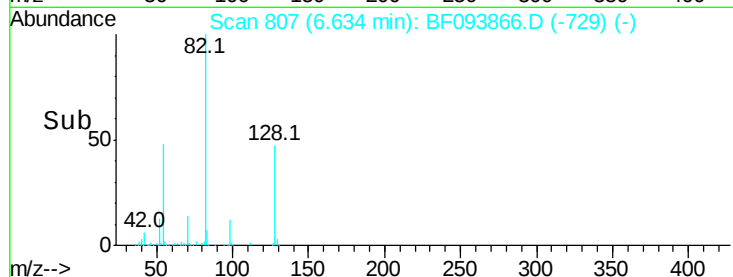
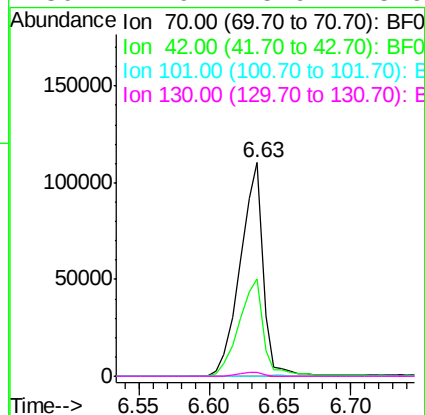
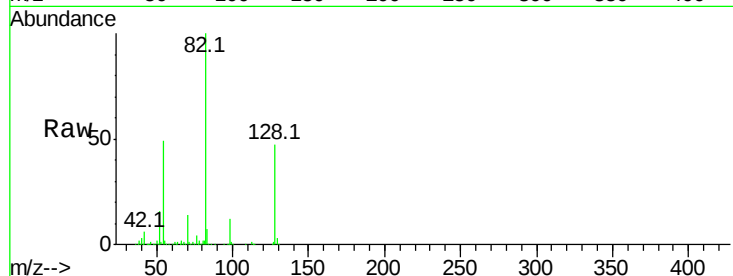




#19
n-Nitroso-di-n-propylamine
Concen: 13.32 ng
RT: 6.63 min Scan# 807
Delta R.T. 0.16 min
Lab File: BF093866.D
Acq: 23 Mar 2017 7:13

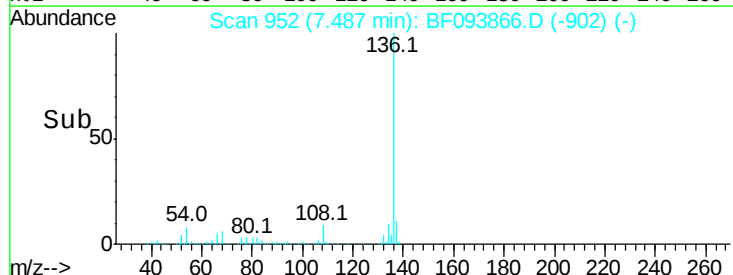
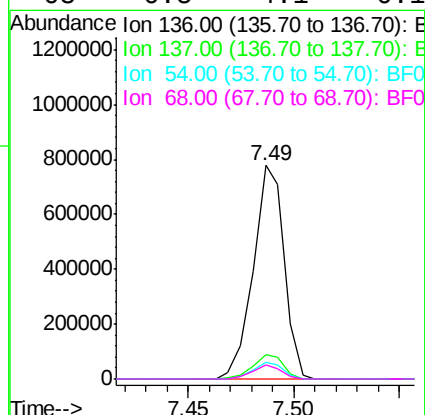
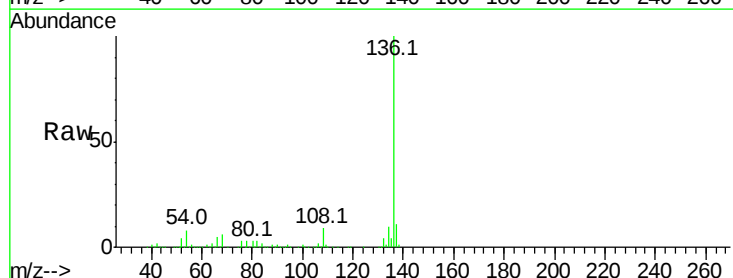
Instrument :
BNA_F
ClientSampleId :
VNJ-229

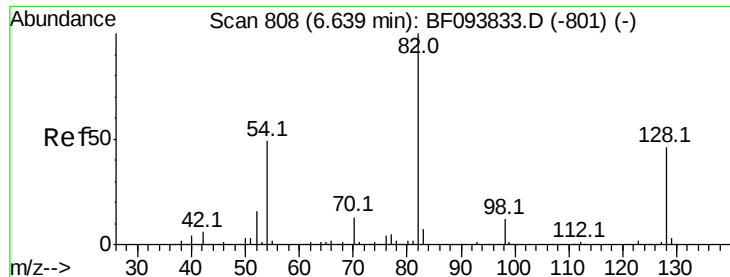
Tot Ion: 70 Resp: 124893
Ion Ratio Lower Upper
70 100
42 45.3 47.2 70.8#
101 0.0 7.2 10.8#
130 1.9 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.49 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF093866.D
Acq: 23 Mar 2017 7:13

Tgt Ion:136 Resp: 793255
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 7.9 4.9 7.3#
68 6.5 4.1 6.1#

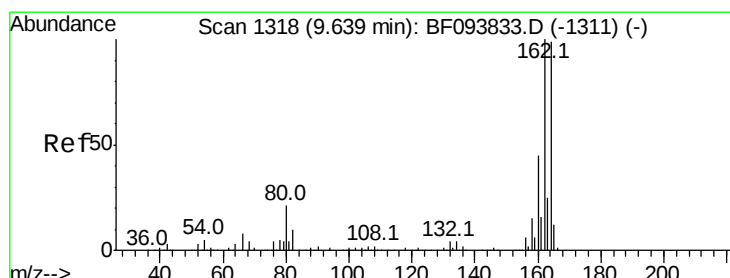
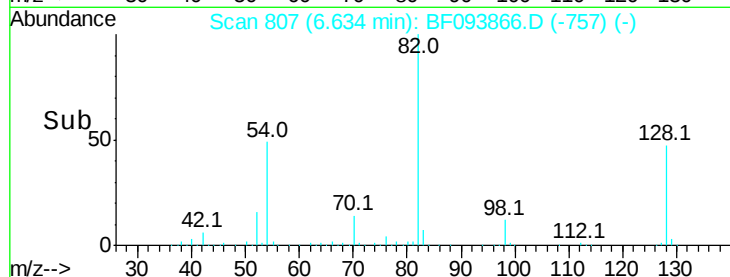
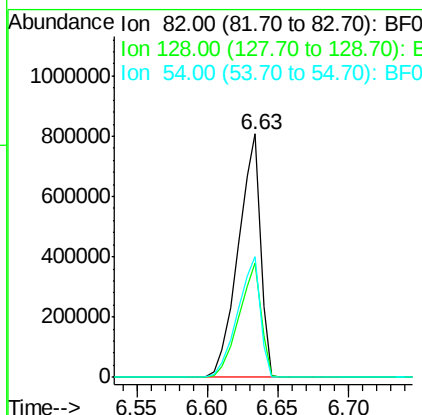
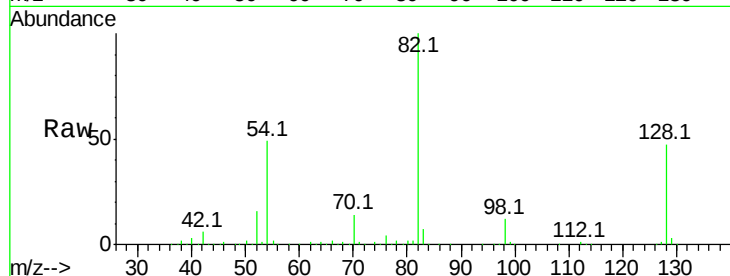




#23
 Nitrobenzene-d5
 Concen: 63.59 ng
 RT: 6.63 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF093866.D
 Acq: 23 Mar 2017 7:13

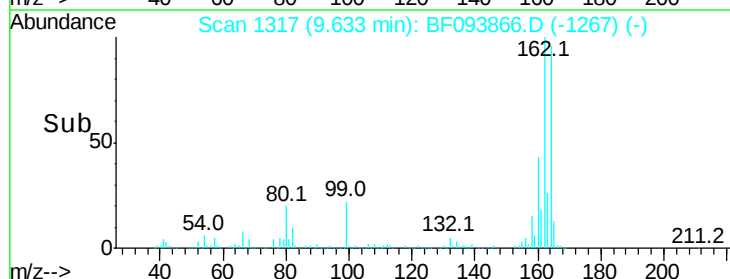
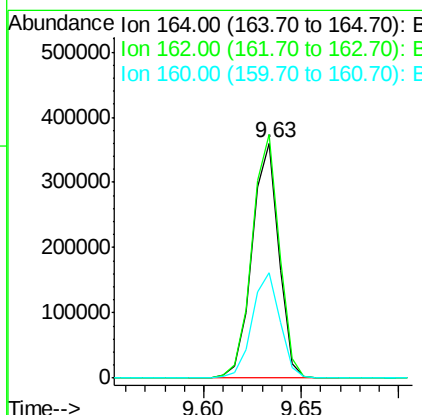
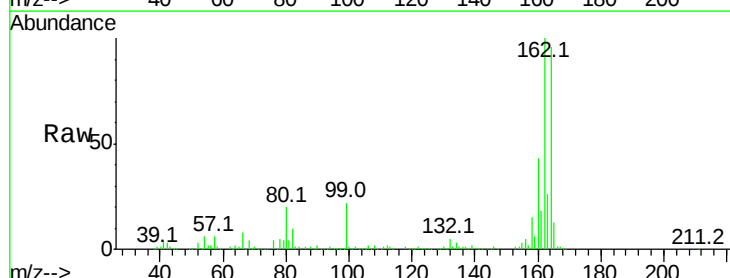
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-229

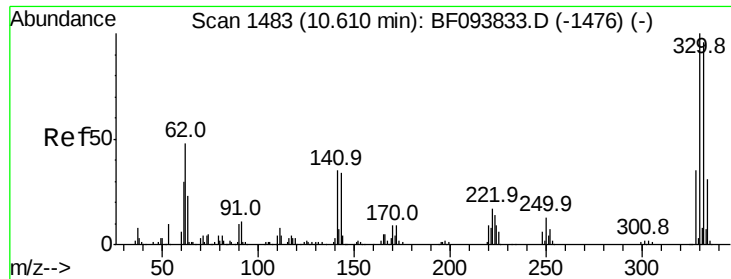
Tot Ion: 82 Resp: 883870
 Ion Ratio Lower Upper
 82 100
 128 47.2 34.0 51.0
 54 49.3 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF093866.D
 Acq: 23 Mar 2017 7:13

Tgt Ion:164 Resp: 341388
 Ion Ratio Lower Upper
 164 100
 162 103.6 82.6 123.8
 160 44.8 36.2 54.2

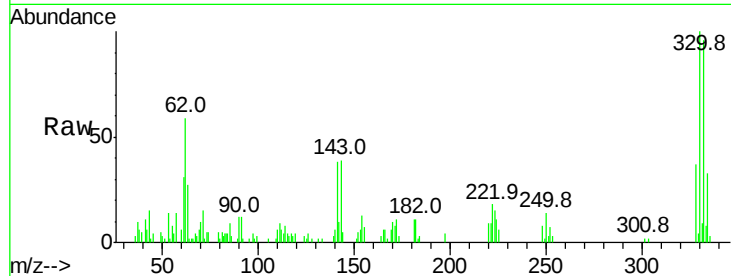




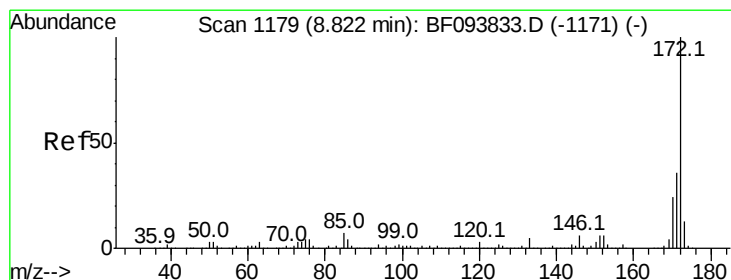
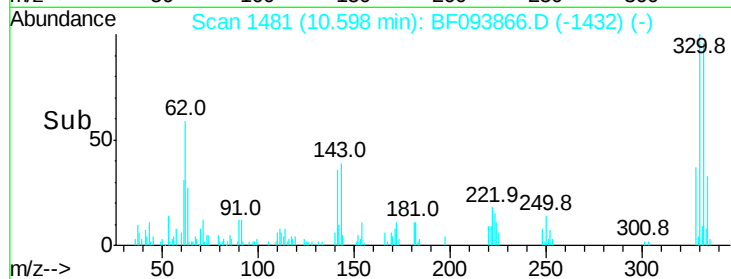
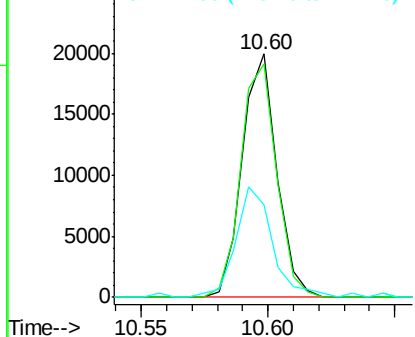
#41
 2,4,6-Tribromophenol
 Concen: 7.02 ng
 RT: 10.60 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BF093866.D
 Acq: 23 Mar 2017 7:13

Instrument :
 BNA_F
 ClientSampled :
 VNJ-229

Tot Ion:330 Resp: 18935
 Ion Ratio Lower Upper
 330 100
 332 99.3 76.6 115.0
 141 47.9 31.4 47.2#

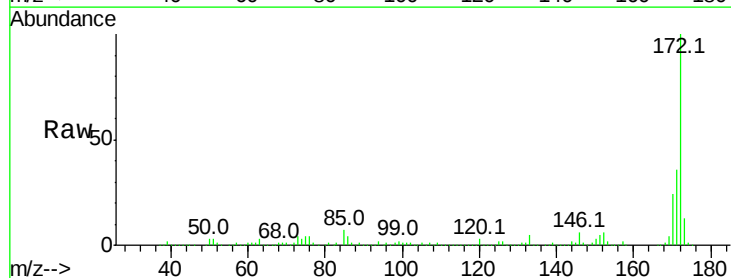


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

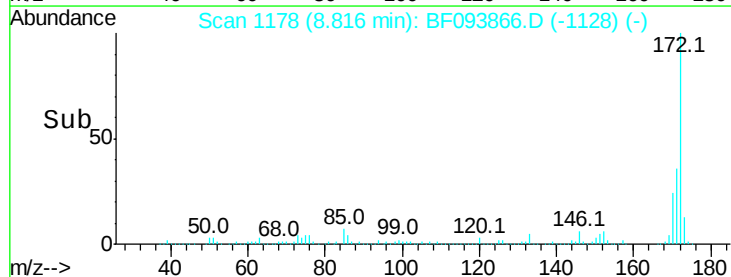
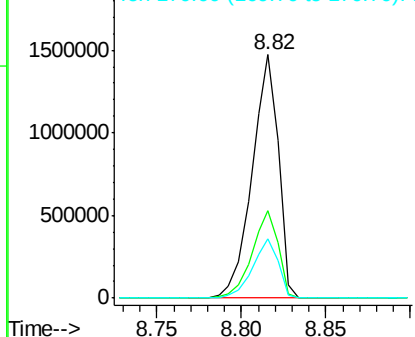


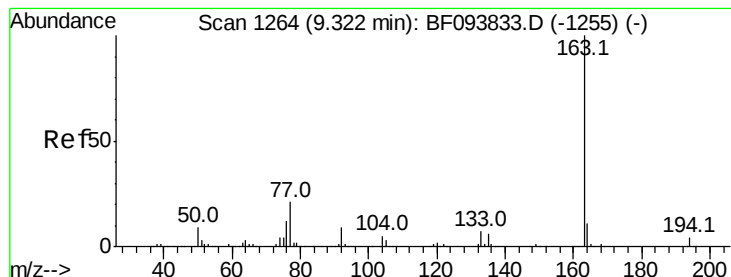
#44
 2-Fluorobiphenyl
 Concen: 71.41 ng
 RT: 8.82 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF093866.D
 Acq: 23 Mar 2017 7:13

Tgt Ion:172 Resp: 1598290
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.4 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: 6.02 ng

RT: 9.30 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF093866.D

Acq: 23 Mar 2017 7:13

Instrument :

BNA_F

ClientSampleId :

VNJ-229

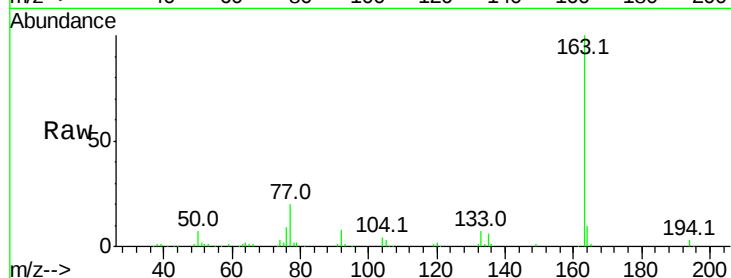
Tot Ion:163 Resp: 146063

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

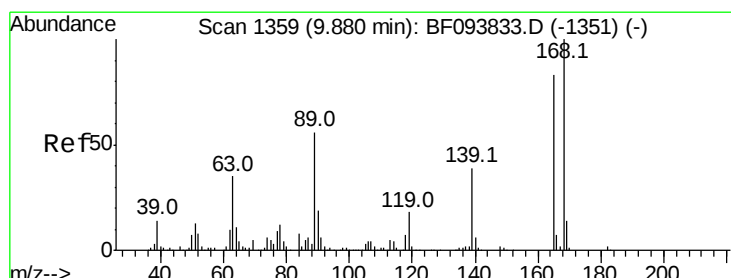
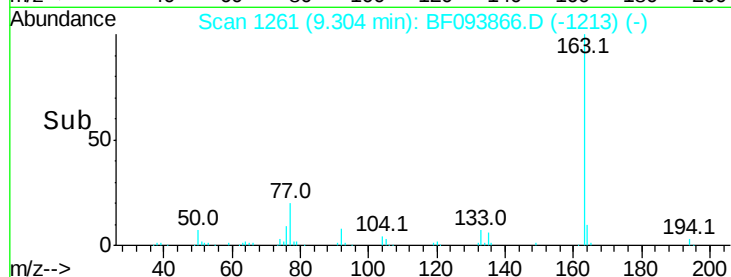
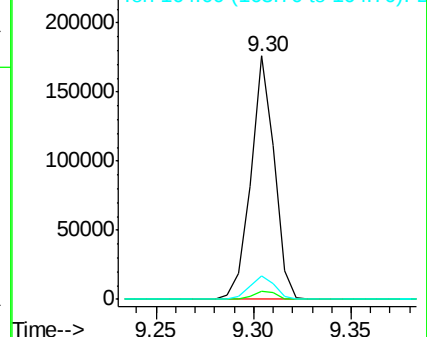
164 9.6 8.4 12.6



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: 6.46 ng

RT: 9.63 min Scan# 1317

Delta R.T. -0.25 min

Lab File: BF093866.D

Acq: 23 Mar 2017 7:13

Tgt Ion:165 Resp: 45113

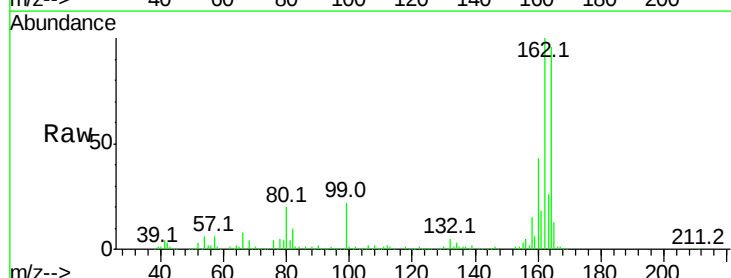
Ion Ratio Lower Upper

165 100

63 1.3 25.4 38.0#

89 1.6 46.4 69.6#

182 0.0 1.8 2.6#

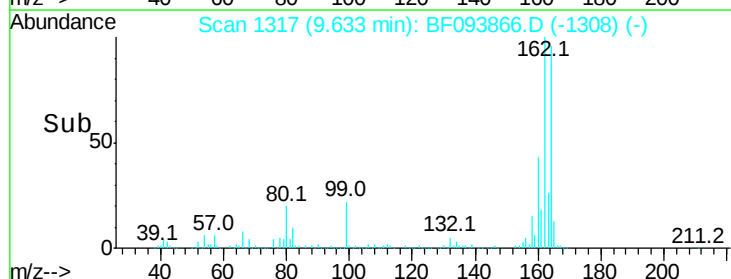
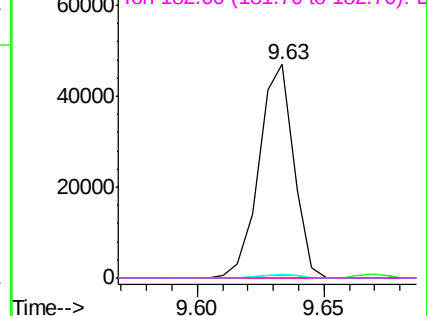


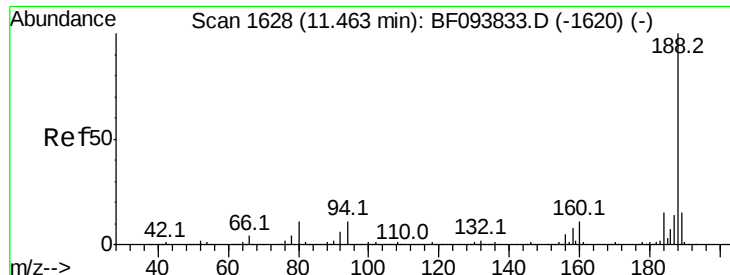
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF093866.D

Acq: 23 Mar 2017 7:13

Instrument :

BNA_F

ClientSampleId :

VNJ-229

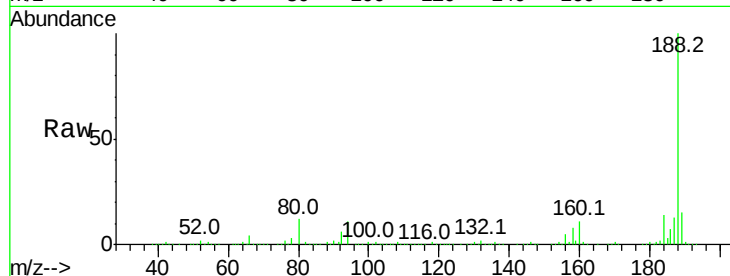
Tot Ion:188 Resp: 561653

Ion Ratio Lower Upper

188 100

94 10.5 9.4 14.2

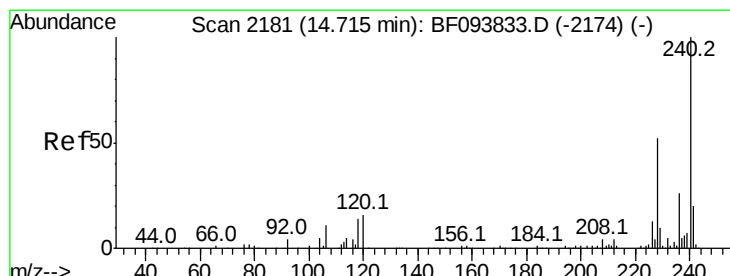
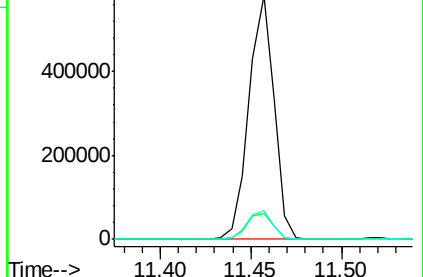
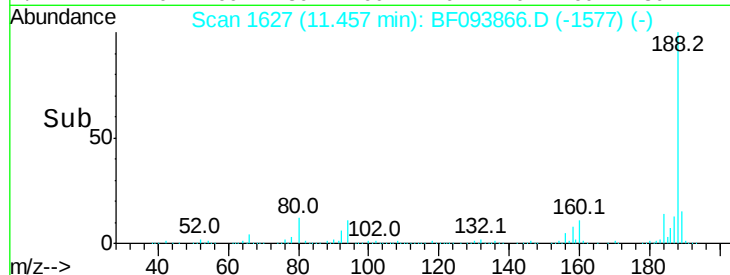
80 11.5 10.2 15.2



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: BF093866.D

Acq: 23 Mar 2017 7:13

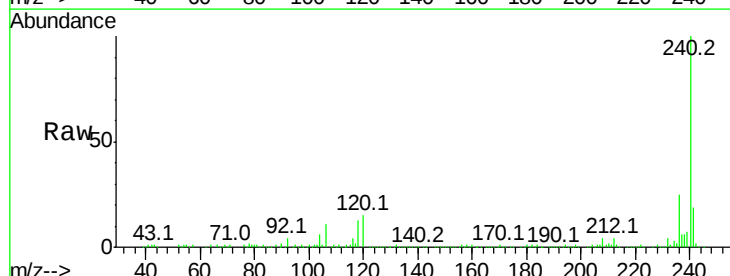
Tgt Ion:240 Resp: 353414

Ion Ratio Lower Upper

240 100

120 15.2 5.8 8.8#

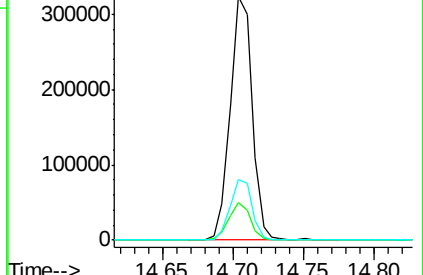
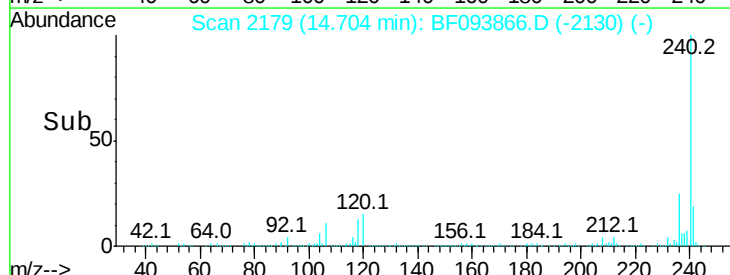
236 25.0 20.5 30.7

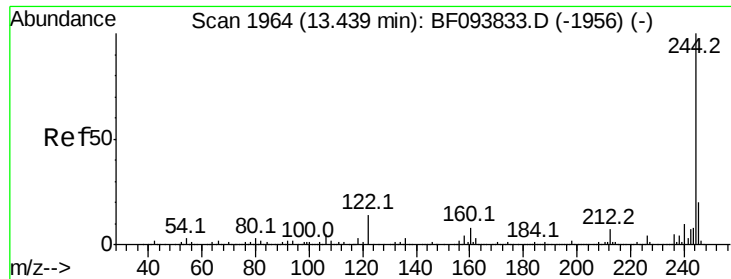


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

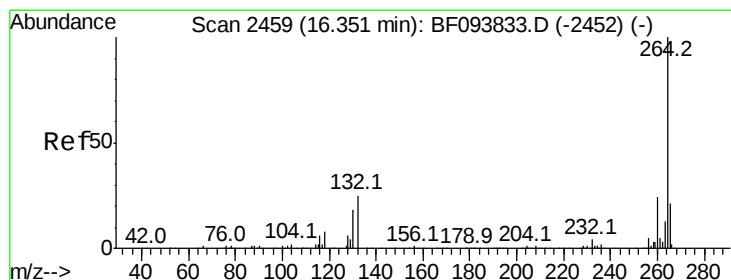
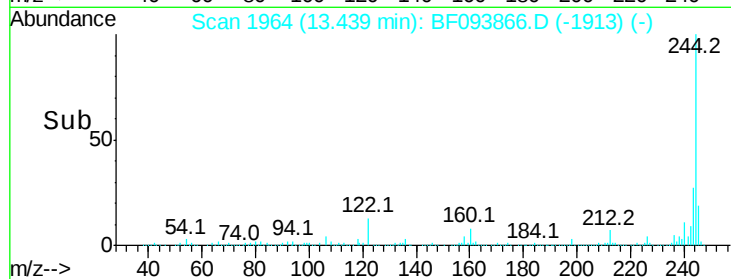
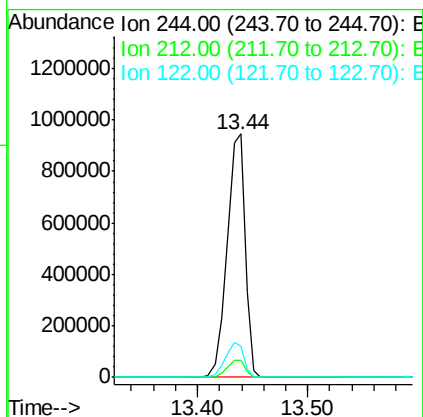
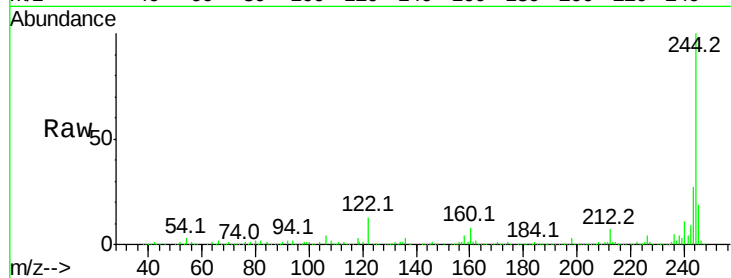




#78
 Terphenyl-d14
 Concen: 69.02 ng
 RT: 13.44 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: BF093866.D
 Acq: 23 Mar 2017 7:13

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-229

Tot Ion:244 Resp: 1088166
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 12.7 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: BF093866.D
 Acq: 23 Mar 2017 7:13

Tgt Ion:264 Resp: 300647
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 21.3 17.2 25.8

