

Data Path : Z:\HPCHEM1\BNA_F\Data\BF032217\
 Data File : BF093870.D
 Acq On : 23 Mar 2017 9:03
 Operator : SJ/MA
 Sample : I2350-11
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11937-VNJ-205-COMP

Quant Time: Mar 23 10:53:24 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

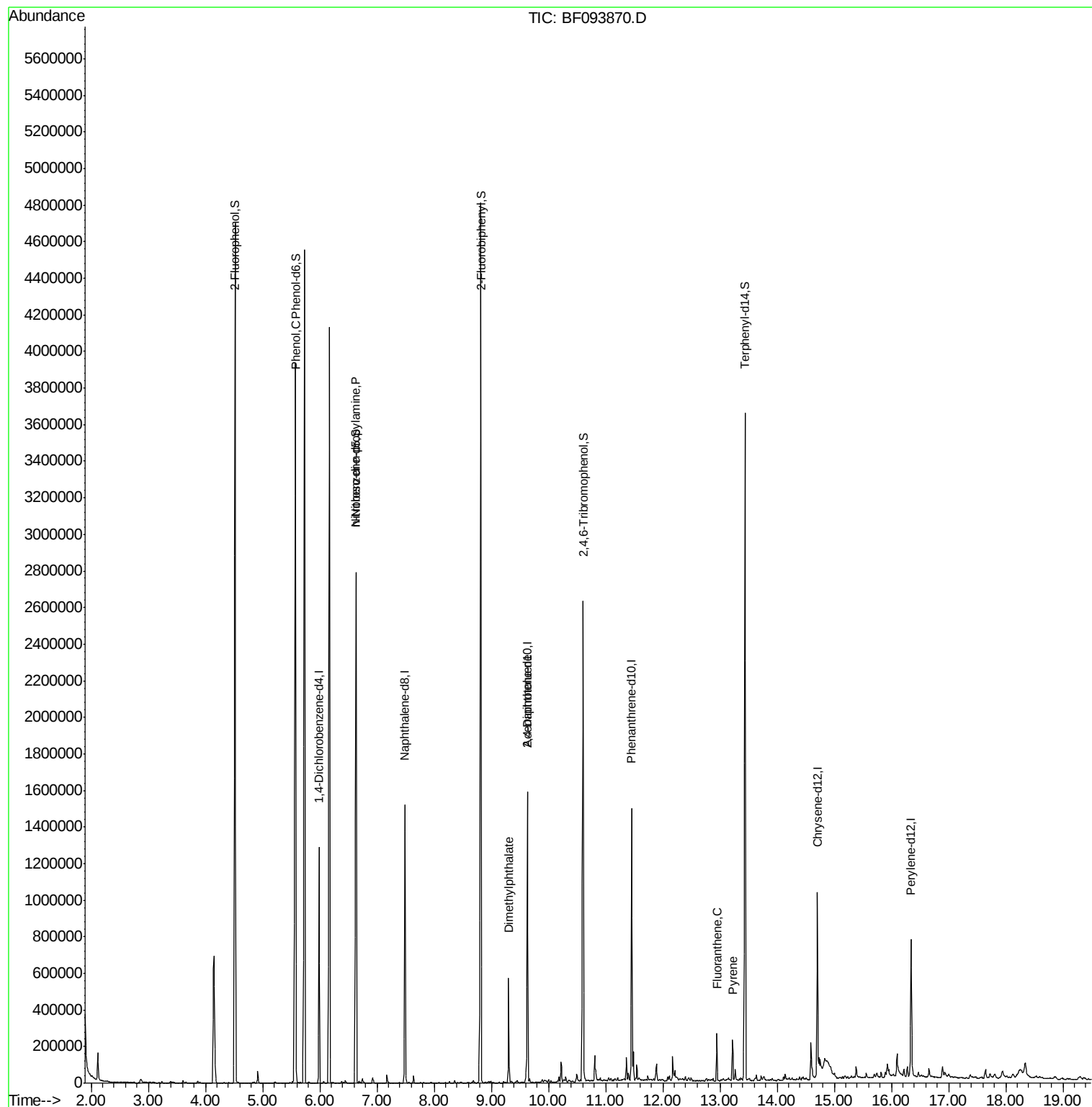
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.99	152	197167	20.00	ng	0.00
21) Naphthalene-d8	7.49	136	785009	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	343430	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	567328	20.00	ng	0.00
75) Chrysene-d12	14.70	240	364179	20.00	ng	-0.01
86) Perylene-d12	16.34	264	309711	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.52	112	1624789	139.19	ng	0.02
7) Phenol-d6	5.57	99	2096143	145.15	ng	0.00
23) Nitrobenzene-d5	6.63	82	1294348	94.10	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	387387	142.75	ng	0.00
44) 2-Fluorobiphenyl	8.82	172	2004551	89.03	ng	0.00
78) Terphenyl-d14	13.44	244	1342732	82.64	ng	0.00
Target Compounds						
10) Phenol	5.59	94	92007	5.60	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	6.63	70	172526	18.59	ng	# 79
49) Dimethylphthalate	9.30	163	239746	9.82	ng	99
56) 2,4-Dinitrotoluene	9.63	165	45401	6.46	ng	# 33
74) Fluoranthene	12.94	202	106193	3.29	ng	98
77) Pyrene	13.22	202	84063	3.18	ng	93

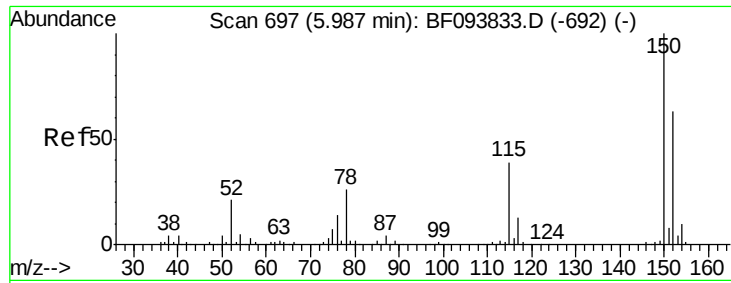
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
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Quant Time: Mar 23 10:53:24 2017
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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: BF093870.D

Acq: 23 Mar 2017 9:03

Instrument :

BNA_F

ClientSampleId :

72-11937-VNJ-205-COMP

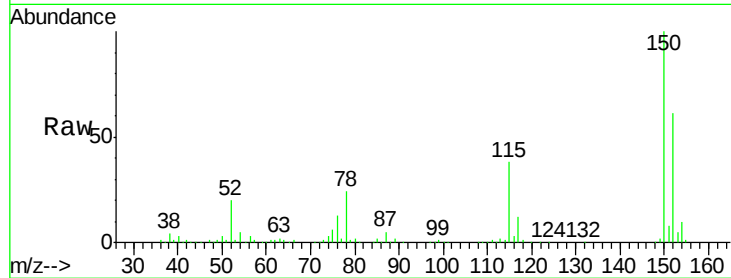
Tgt Ion:152 Resp: 197167

Ion Ratio Lower Upper

152 100

150 162.8 126.2 189.2

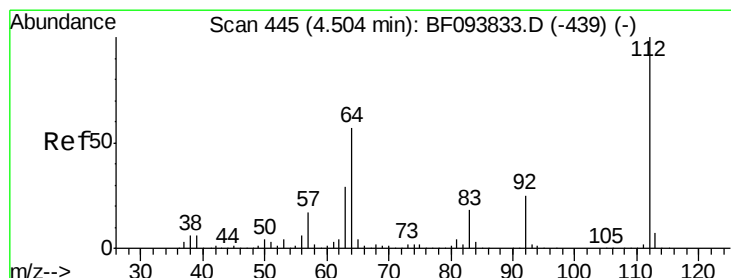
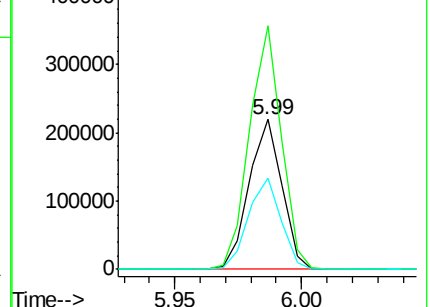
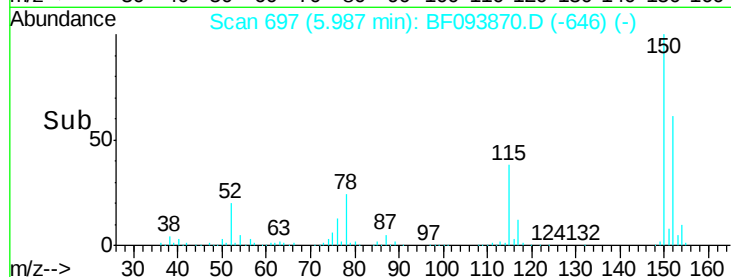
115 61.1 52.2 78.2



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: 139.19 ng

RT: 4.52 min Scan# 448

Delta R.T. 0.02 min

Lab File: BF093870.D

Acq: 23 Mar 2017 9:03

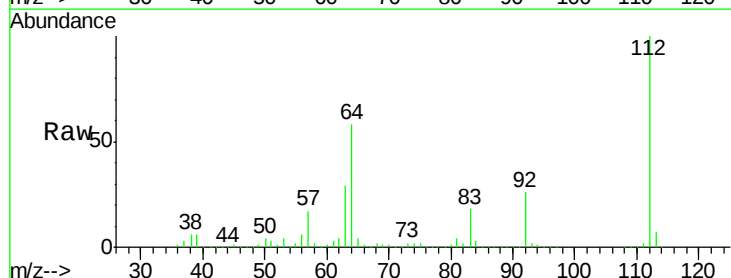
Tgt Ion:112 Resp: 1624789

Ion Ratio Lower Upper

112 100

64 57.8 46.0 69.0

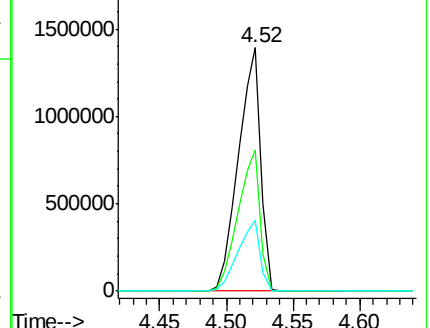
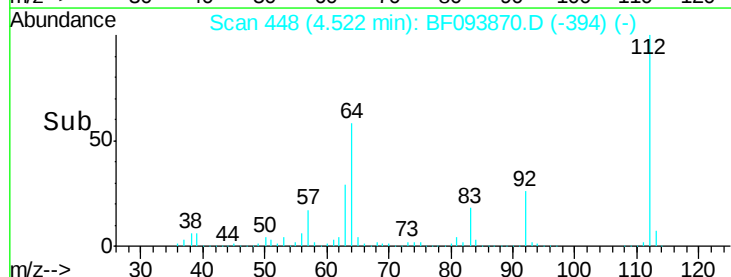
63 29.0 23.4 35.0

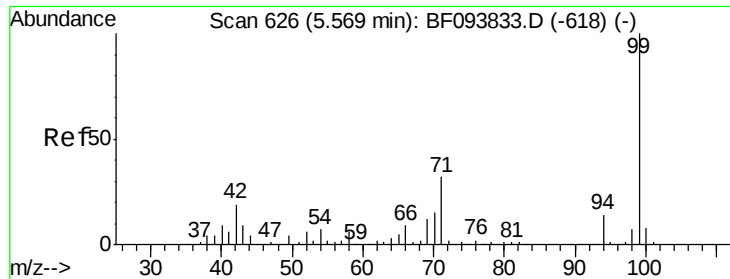


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 145.15 ng

RT: 5.57 min Scan# 627

Delta R.T. 0.01 min

Lab File: BF093870.D

Acq: 23 Mar 2017 9:03

Instrument :

BNA_F

ClientSampleId :

72-11937-VNJ-205-COMP

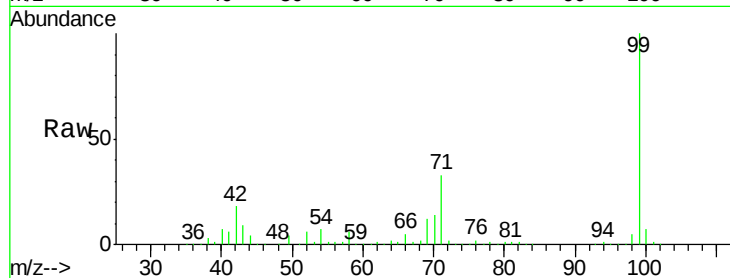
Tgt Ion: 99 Resp: 2096143

Ion Ratio Lower Upper

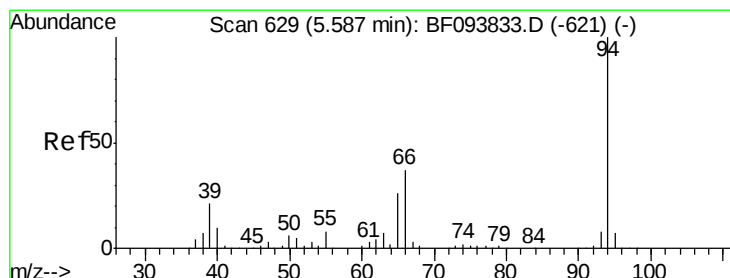
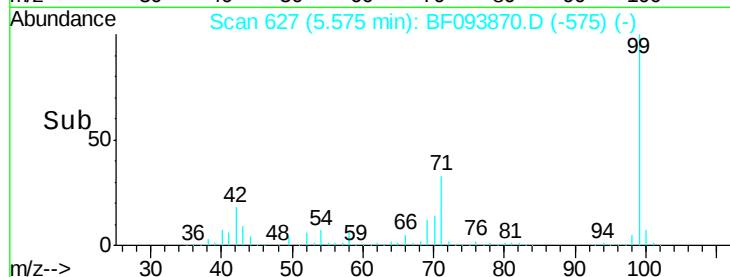
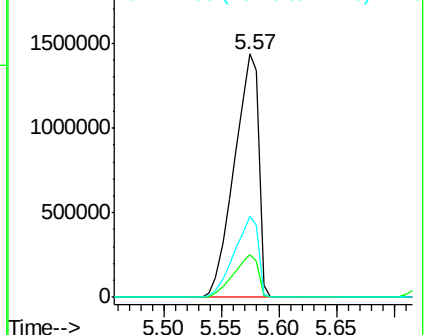
99 100

42 17.7 13.5 20.3

71 33.4 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: 5.60 ng

RT: 5.59 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF093870.D

Acq: 23 Mar 2017 9:03

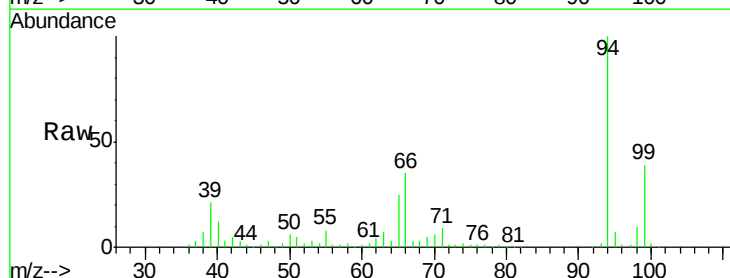
Tgt Ion: 94 Resp: 92007

Ion Ratio Lower Upper

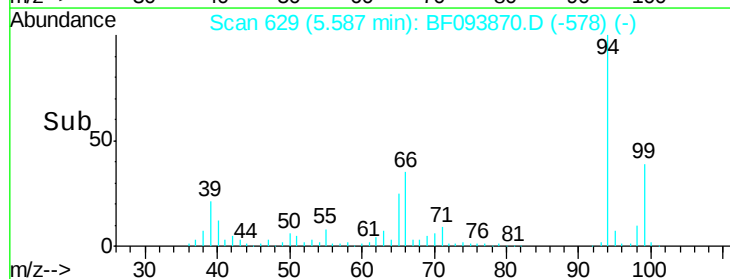
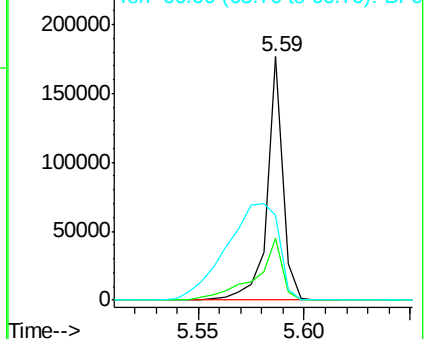
94 100

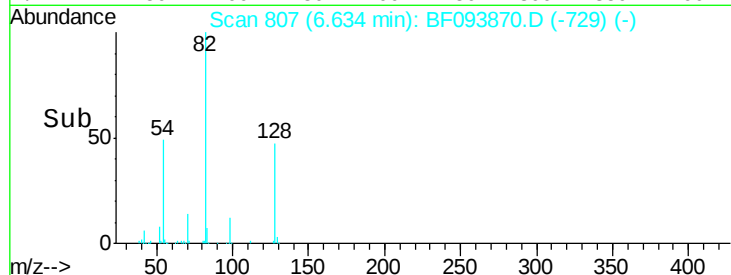
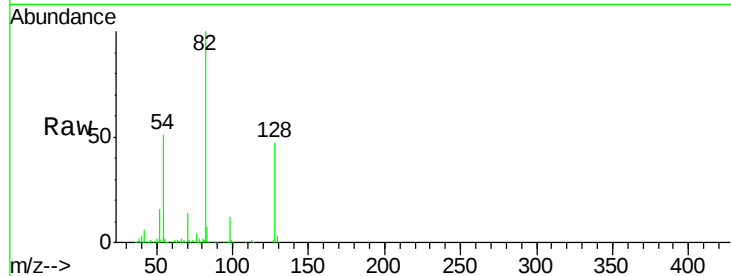
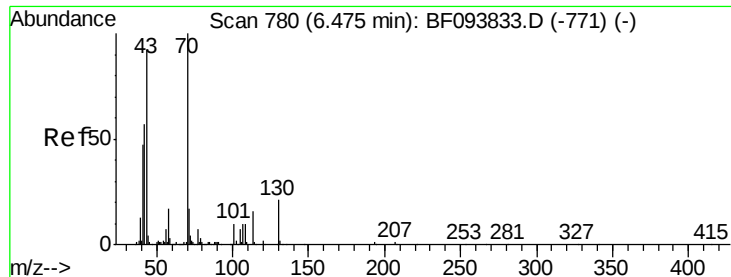
65 25.4 9.9 49.9

66 34.9 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

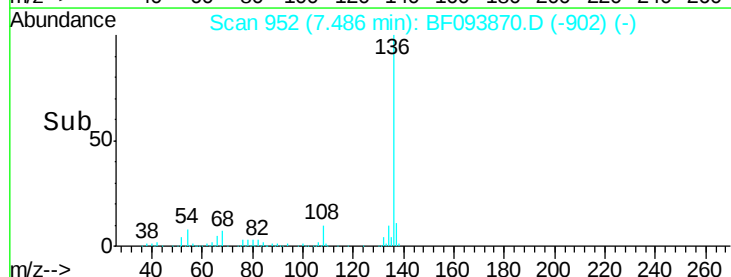
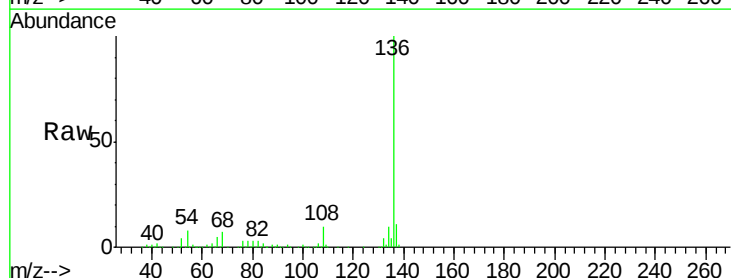
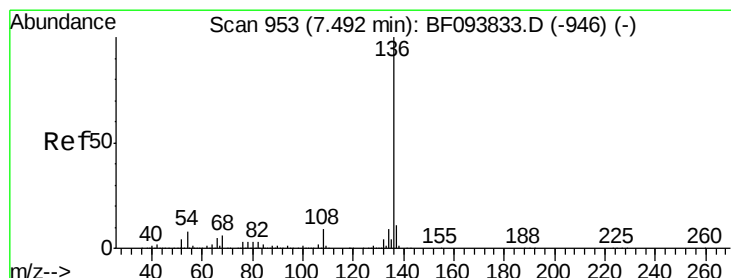
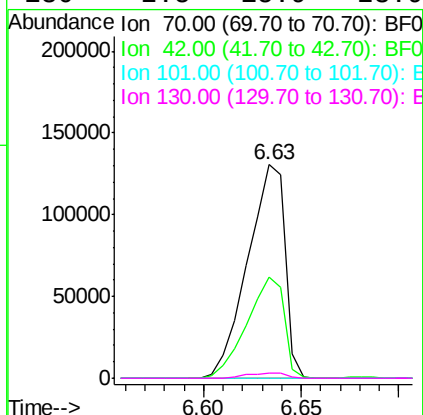




#19
n-Nitroso-di-n-propylamine
Concen: 18.59 ng
RT: 6.63 min Scan# 807
Delta R.T. 0.16 min
Lab File: BF093870.D
Acq: 23 Mar 2017 9:03

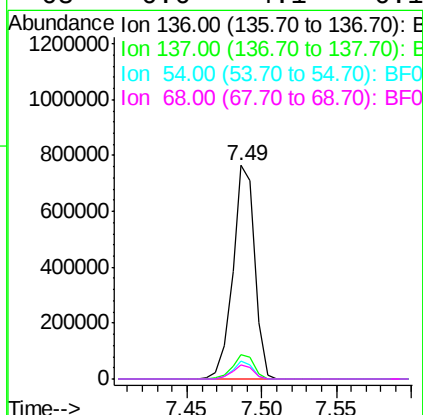
Instrument :
BNA_F
ClientSampleId :
72-11937-VNJ-205-COMP

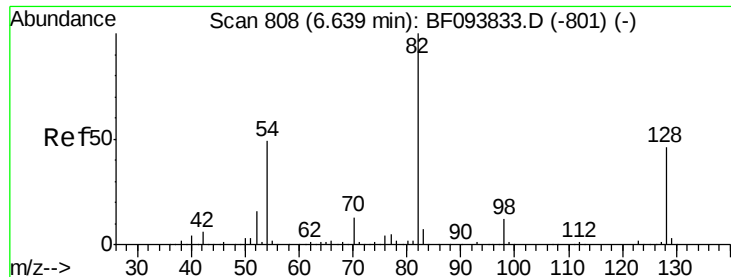
Tgt Ion: 70 Resp: 172526
Ion Ratio Lower Upper
70 100
42 47.6 47.2 70.8
101 0.0 7.2 10.8#
130 2.5 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.49 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF093870.D
Acq: 23 Mar 2017 9:03

Tgt Ion: 136 Resp: 785009
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 8.2 4.9 7.3#
68 6.6 4.1 6.1#

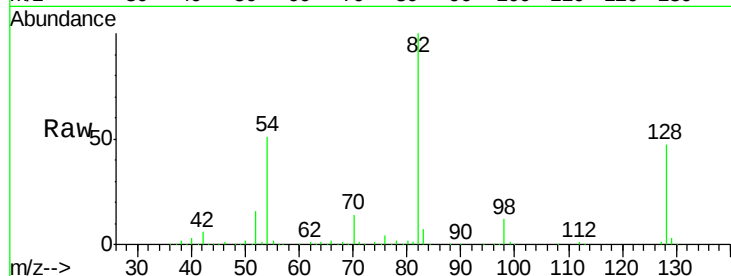




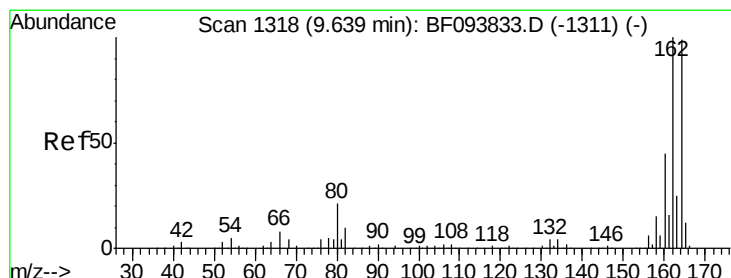
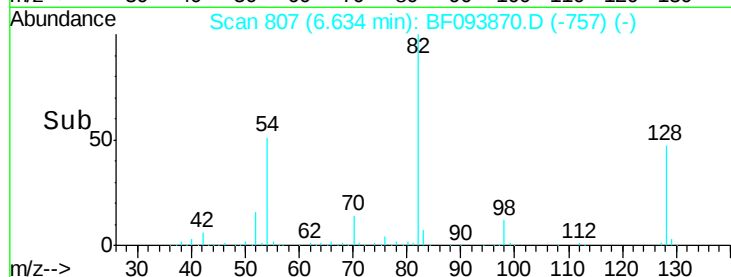
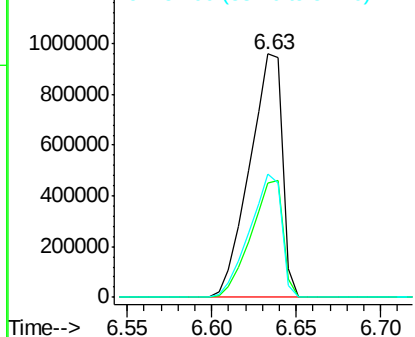
#23
 Nitrobenzene-d5
 Concen: 94.10 ng
 RT: 6.63 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF093870.D
 Acq: 23 Mar 2017 9:03

Instrument :
 BNA_F
 ClientSampleId :
 72-11937-VNJ-205-COMP

Tgt Ion: 82 Resp: 1294348
 Ion Ratio Lower Upper
 82 100
 128 46.8 34.0 51.0
 54 50.8 42.2 63.2

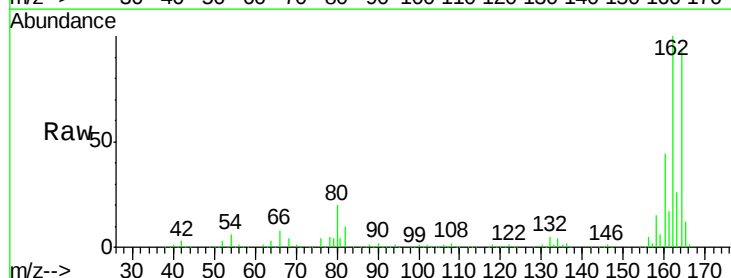


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

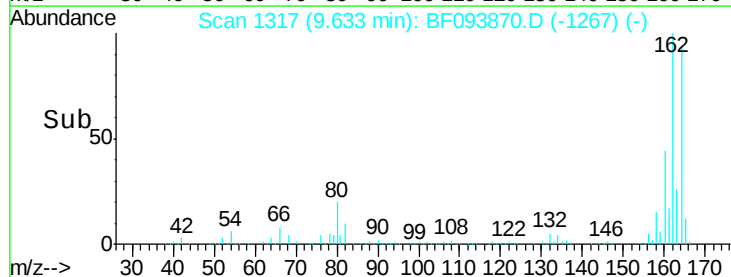
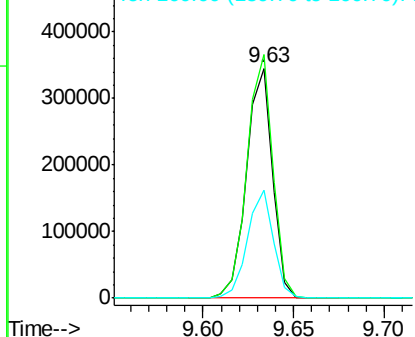


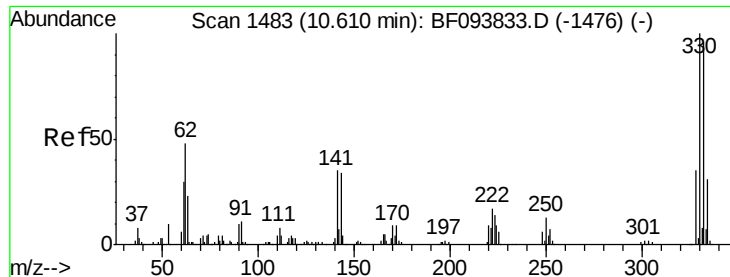
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF093870.D
 Acq: 23 Mar 2017 9:03

Tgt Ion: 164 Resp: 343430
 Ion Ratio Lower Upper
 164 100
 162 105.8 82.6 123.8
 160 46.7 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

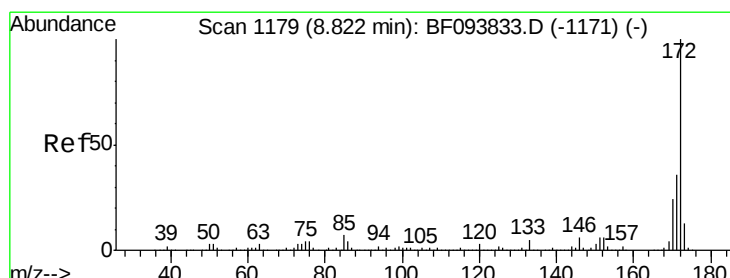
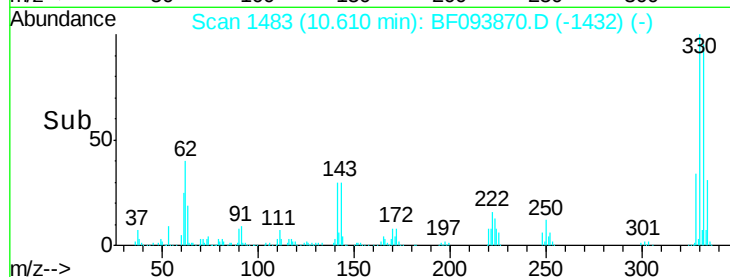
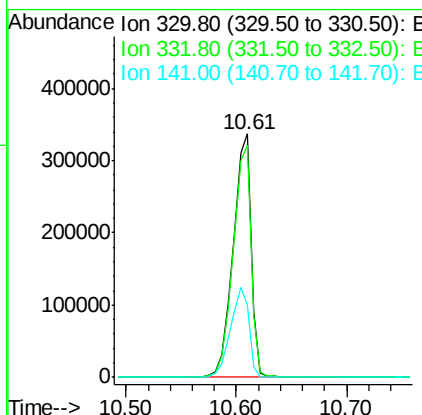
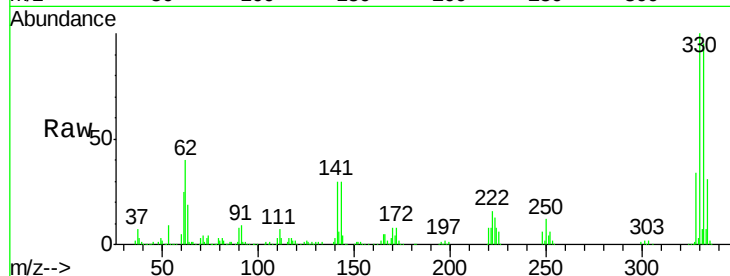




#41
 2,4,6-Tribromophenol
 Concen: 142.75 ng
 RT: 10.61 min Scan# 1483
 Delta R.T. -0.00 min
 Lab File: BF093870.D
 Acq: 23 Mar 2017 9:03

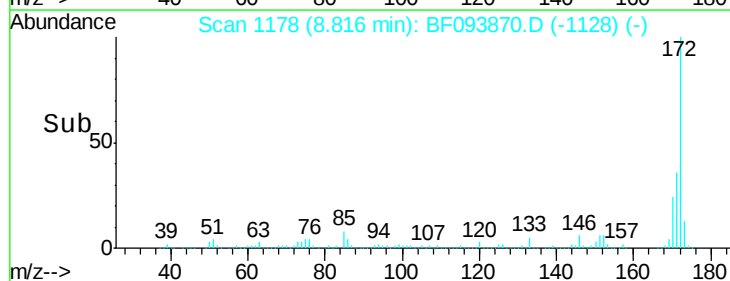
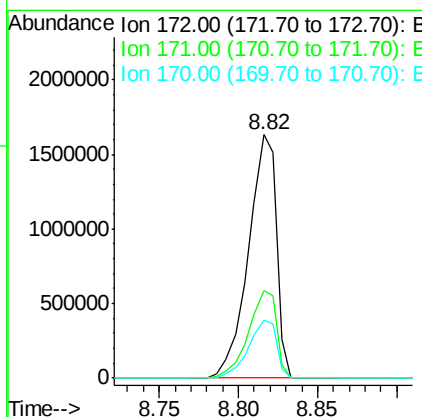
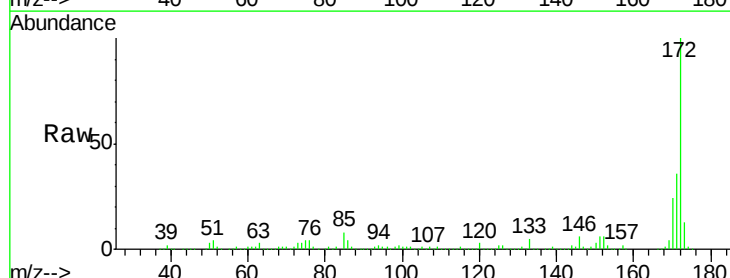
Instrument :
 BNA_F
 ClientSampleId :
 72-11937-VNJ-205-COMP

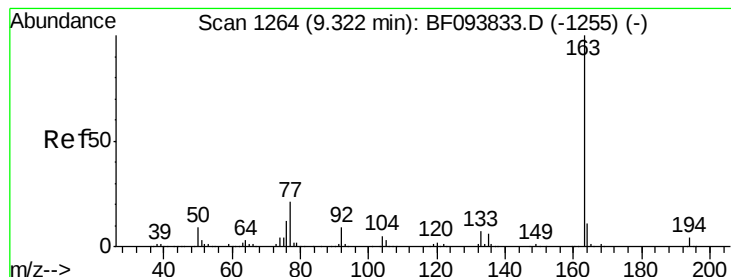
Tgt Ion:330 Resp: 387387
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 38.2 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 89.03 ng
 RT: 8.82 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF093870.D
 Acq: 23 Mar 2017 9:03

Tgt Ion:172 Resp: 2004551
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 24.0 19.8 29.8





#49

Dimethylphthalate

Concen: 9.82 ng

RT: 9.30 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF093870.D

Acq: 23 Mar 2017 9:03

Instrument :

BNA_F

ClientSampleId :

72-11937-VNJ-205-COMP

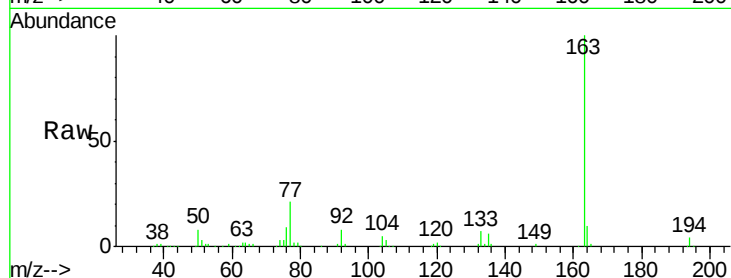
Tgt Ion:163 Resp: 239746

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

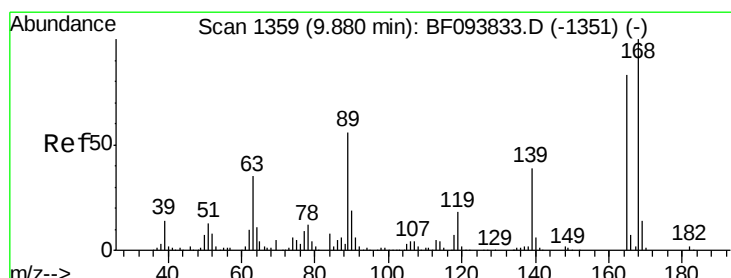
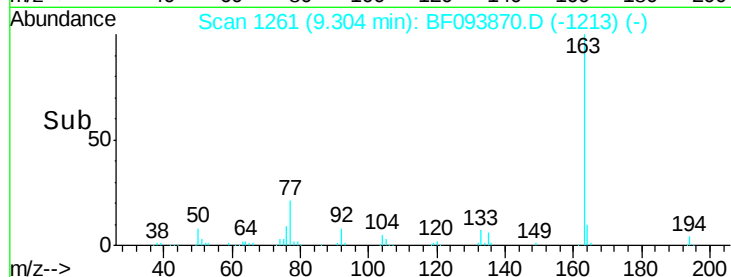
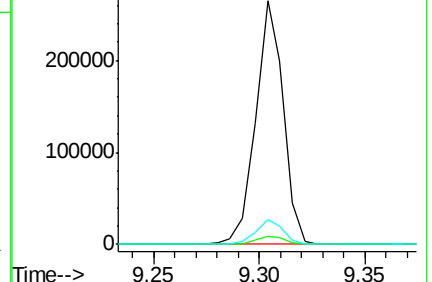
164 10.0 8.4 12.6



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: BF093870.D

Acq: 23 Mar 2017 9:03

Tgt Ion:165 Resp: 45401

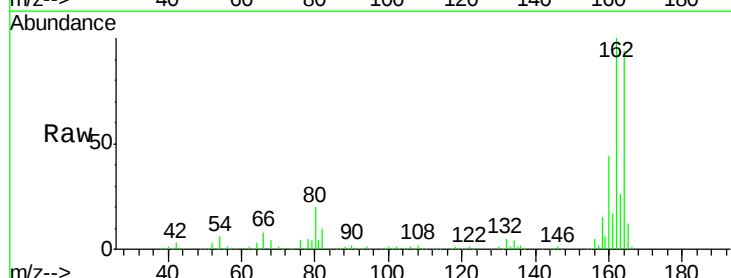
Ion Ratio Lower Upper

165 100

63 1.7 25.4 38.0#

89 1.4 46.4 69.6#

182 0.0 1.8 2.6#

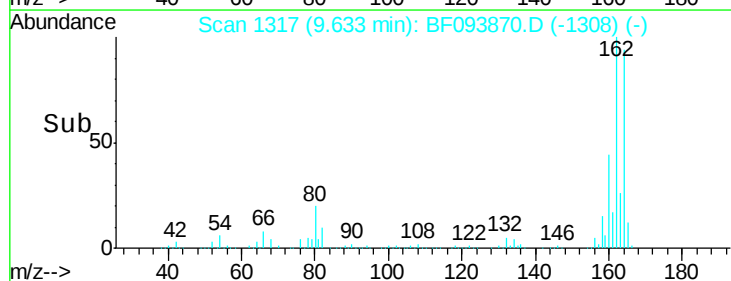
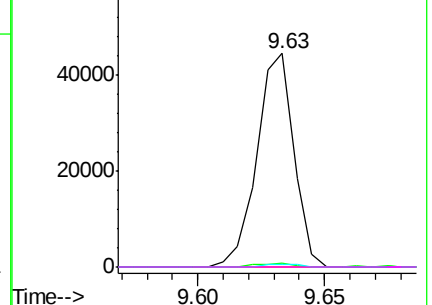


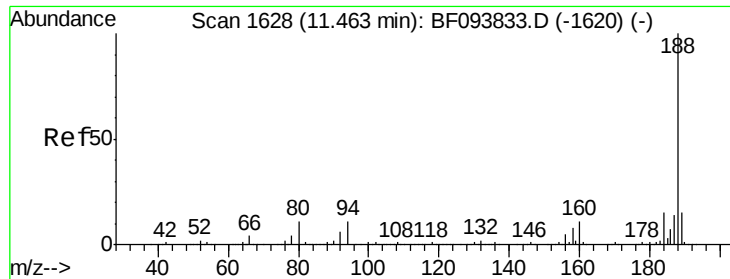
Abundance Ion 165.00 (164.70 to 165.70): E

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

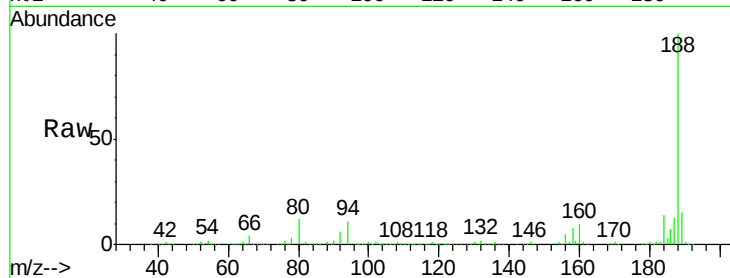




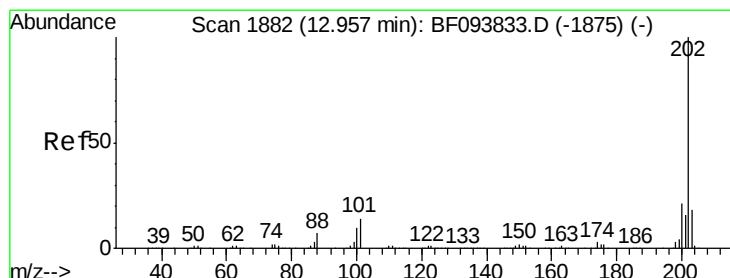
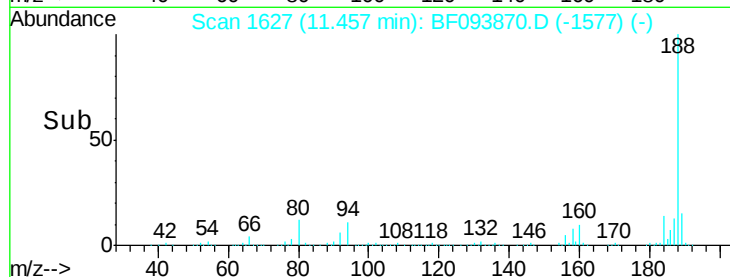
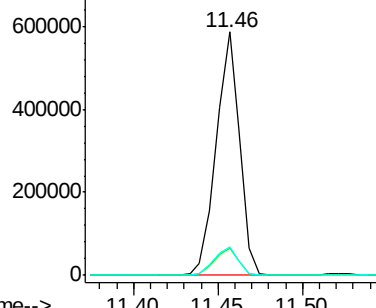
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 1627
Delta R.T. -0.01 min
Lab File: BF093870.D
Acq: 23 Mar 2017 9:03

Instrument :
BNA_F
ClientSampleId :
72-11937-VNJ-205-COMP

Tgt Ion:188 Resp: 567328
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 11.6 10.2 15.2

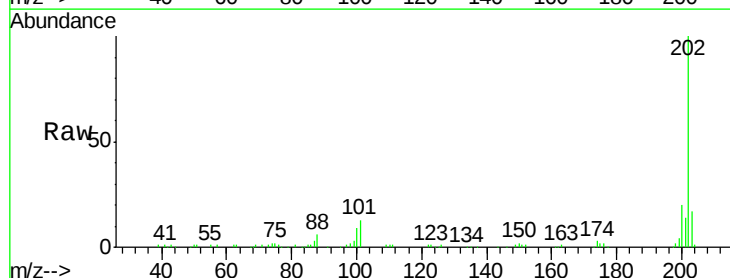


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

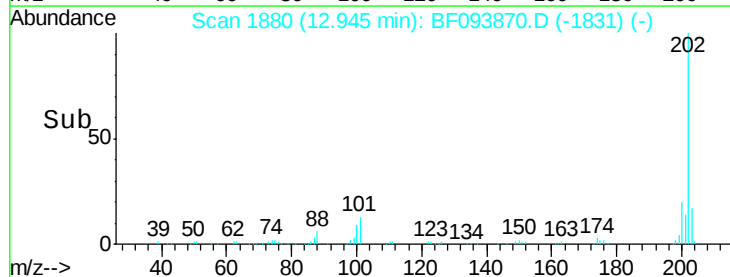
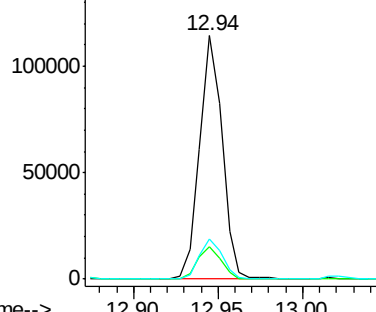


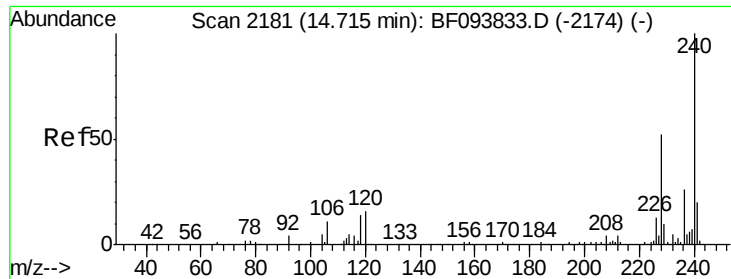
#74
Fluoranthene
Concen: 3.29 ng
RT: 12.94 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BF093870.D
Acq: 23 Mar 2017 9:03

Tgt Ion:202 Resp: 106193
Ion Ratio Lower Upper
202 100
101 13.1 0.0 33.2
203 16.5 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

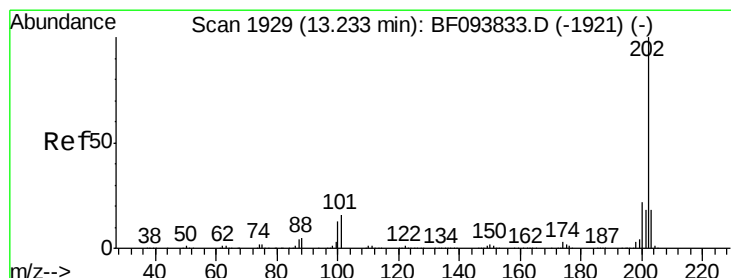
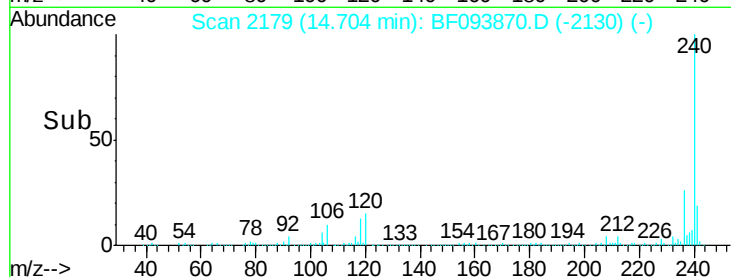
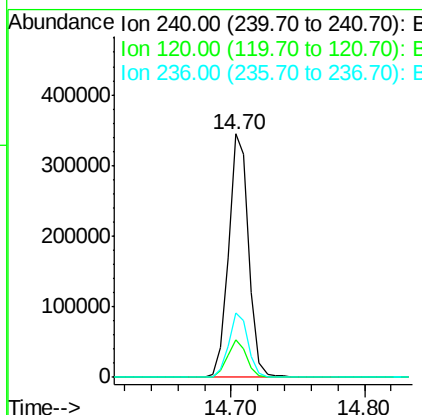
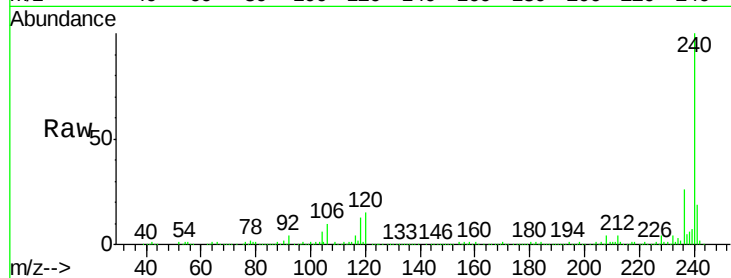




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.70 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BF093870.D
 Acq: 23 Mar 2017 9:03

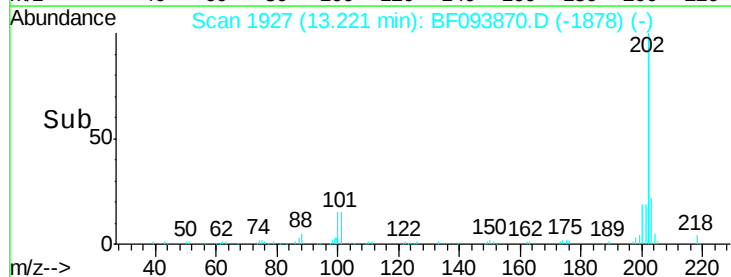
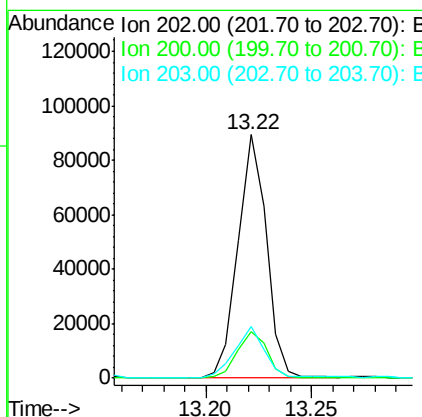
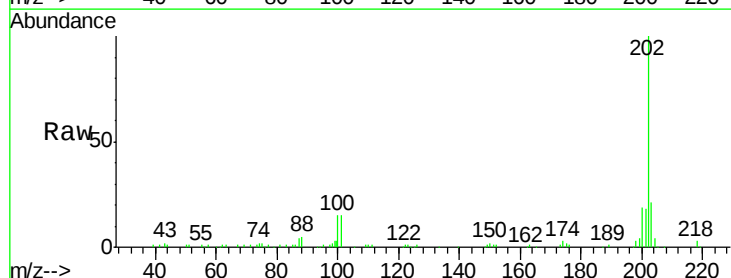
Instrument :
 BNA_F
 ClientSampleId :
 72-11937-VNJ-205-COMP

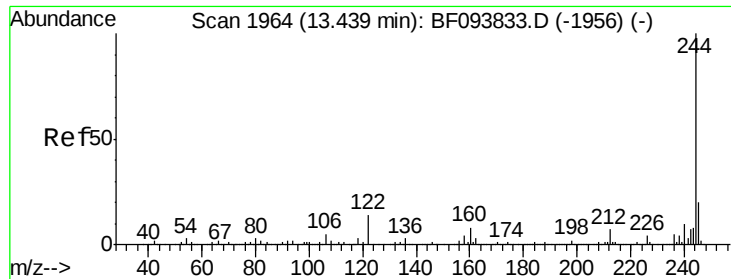
Tgt Ion:240 Resp: 364179
 Ion Ratio Lower Upper
 240 100
 120 15.3 5.8 8.8#
 236 26.3 20.5 30.7



#77
 Pyrene
 Concen: 3.18 ng
 RT: 13.22 min Scan# 1927
 Delta R.T. -0.01 min
 Lab File: BF093870.D
 Acq: 23 Mar 2017 9:03

Tgt Ion:202 Resp: 84063
 Ion Ratio Lower Upper
 202 100
 200 19.0 17.6 26.4
 203 21.3 14.4 21.6

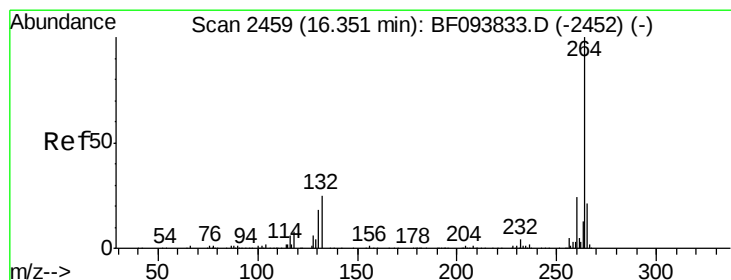
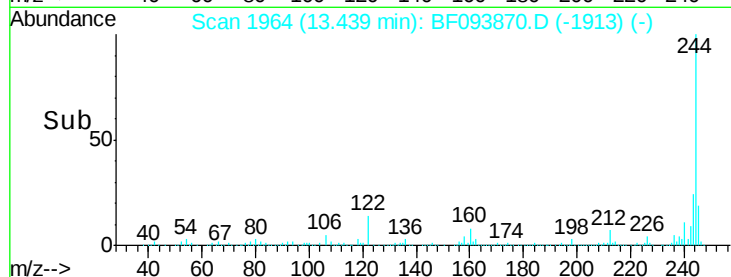
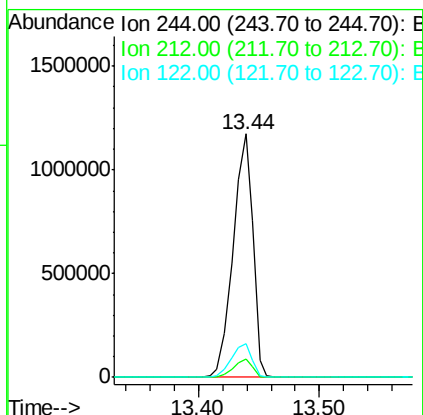
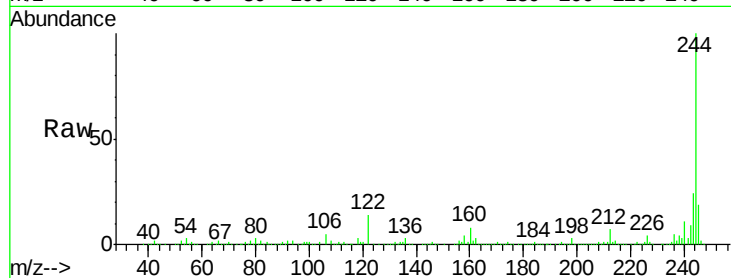




#78
 Terphenyl-d14
 Concen: 82.64 ng
 RT: 13.44 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: BF093870.D
 Acq: 23 Mar 2017 9:03

Instrument :
 BNA_F
 ClientSampleId :
 72-11937-VNJ-205-COMP

Tgt Ion:244 Resp: 1342732
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 13.7 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: BF093870.D
 Acq: 23 Mar 2017 9:03

Tgt Ion:264 Resp: 309711
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.5 29.3
 265 21.2 17.2 25.8

