

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
 Data File : BF097459.D
 Acq On : 8 Aug 2017 6:00
 Operator : SJ/JU
 Sample : I4627-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ERM-33

Quant Time: Aug 08 08:00:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

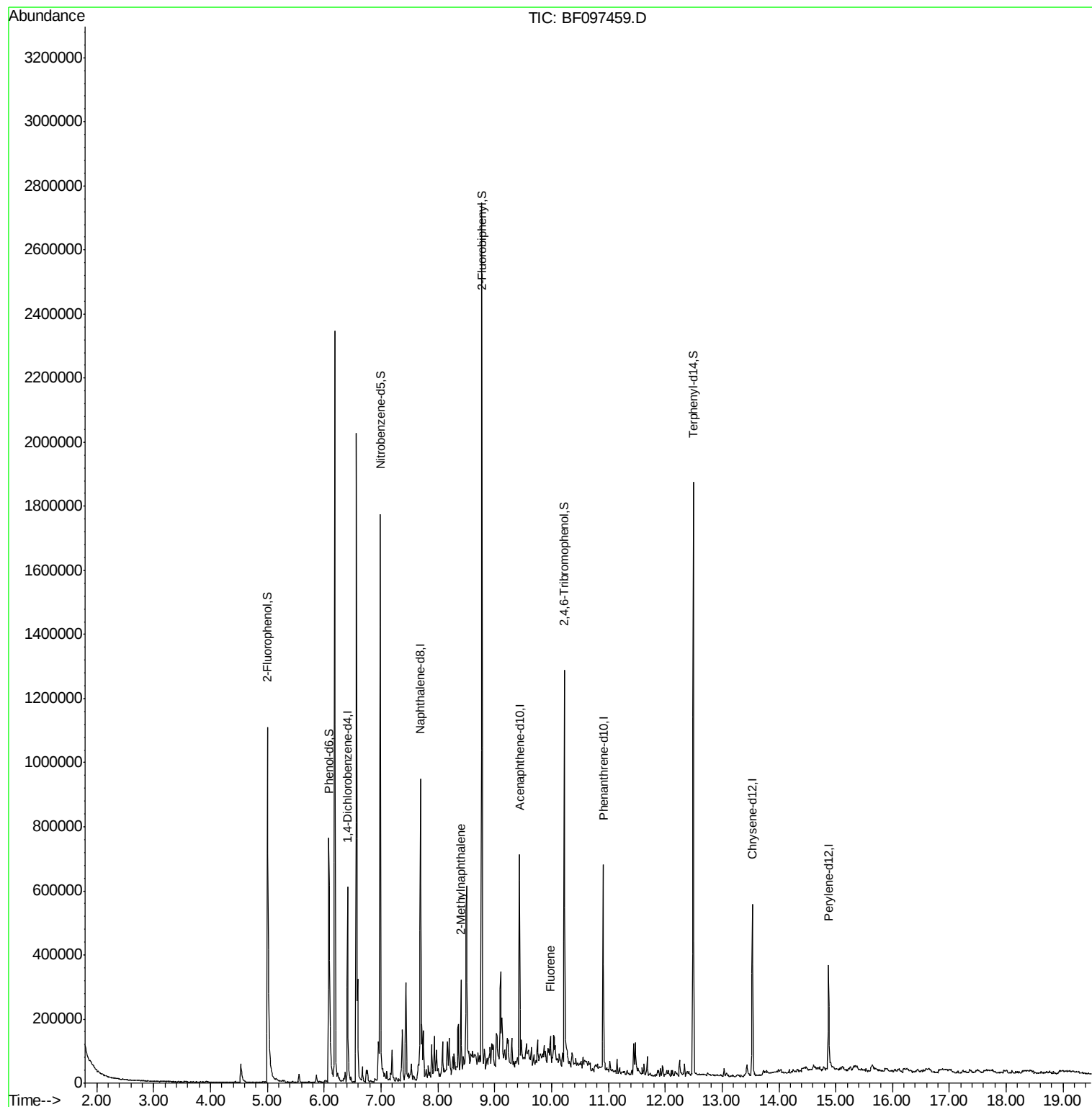
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.41	152	89004	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	354701	20.00	ng	0.00
38) Acenaphthene-d10	9.43	164	127059	20.00	ng	0.00
63) Phenanthrene-d10	10.91	188	203650	20.00	ng	0.00
75) Chrysene-d12	13.53	240	172849	20.00	ng	0.00
86) Perylene-d12	14.87	264	122643	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.00	112	441677	74.81	ng	0.00
7) Phenol-d6	6.08	99	356801	52.94	ng	0.00
23) Nitrobenzene-d5	6.99	82	517863	85.65	ng	0.00
41) 2,4,6-Tribromophenol	10.23	330	138997	138.46	ng	0.00
44) 2-Fluorobiphenyl	8.77	172	845973	112.99	ng	0.00
78) Terphenyl-d14	12.49	244	626056	73.85	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.40	142	76842	7.259	ng	98
57) Fluorene	9.98	166	15337	2.122	ng	# 96

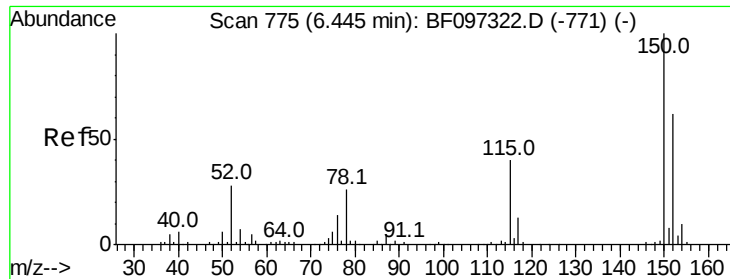
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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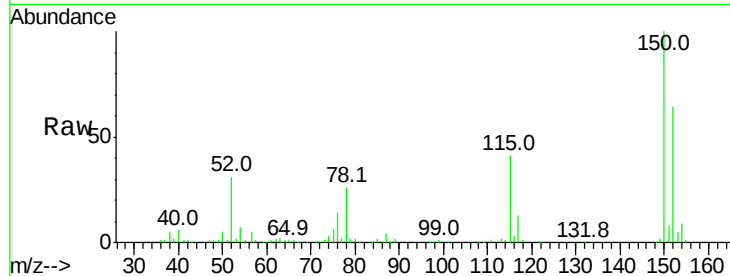


#1

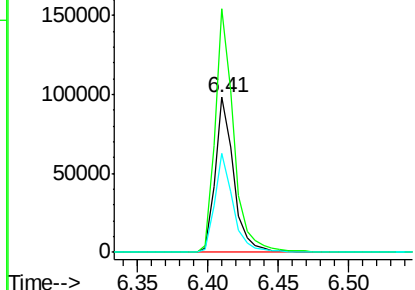
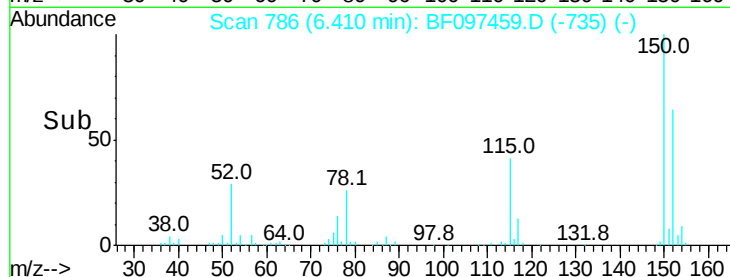
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.41 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF097459.D
 Acq: 8 Aug 2017 6:00

Instrument :
 BNA_F
 ClientSampleId :
 ERM-33

Tot Ion:152 Resp: 89004
 Ion Ratio Lower Upper
 152 100
 150 157.3 126.2 189.2
 115 63.9 52.2 78.2



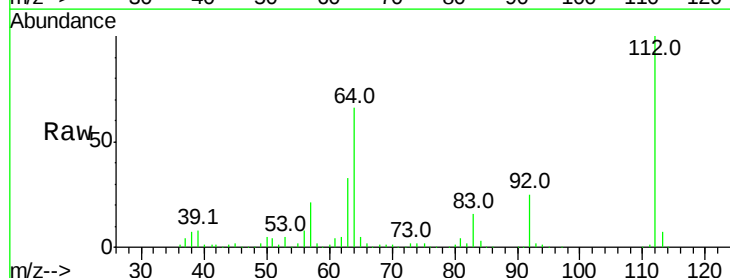
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



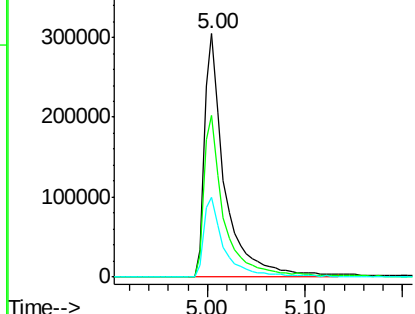
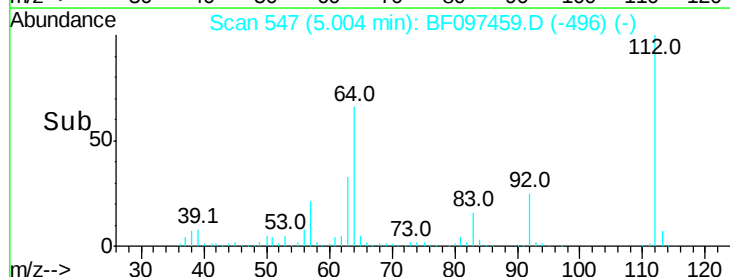
#5

2-Fluorophenol
 Concen: 74.808 ng
 RT: 5.00 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF097459.D
 Acq: 8 Aug 2017 6:00

Tgt Ion:112 Resp: 441677
 Ion Ratio Lower Upper
 112 100
 64 66.5 46.0 69.0
 63 32.9 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: 52.936 ng

RT: 6.08 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097459.D

Acq: 8 Aug 2017 6:00

Instrument :

BNA_F

ClientSampleId :

ERM-33

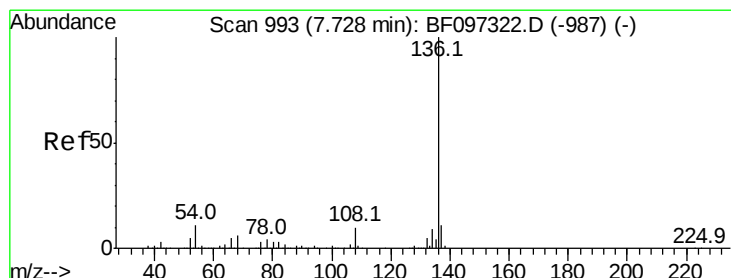
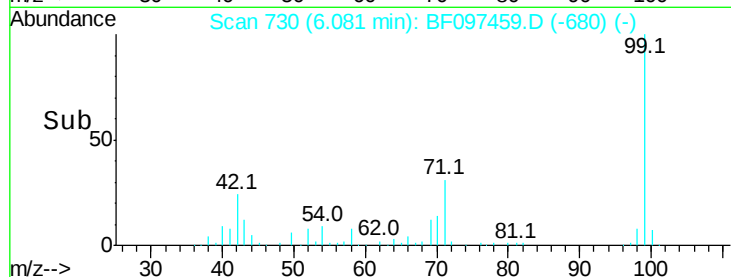
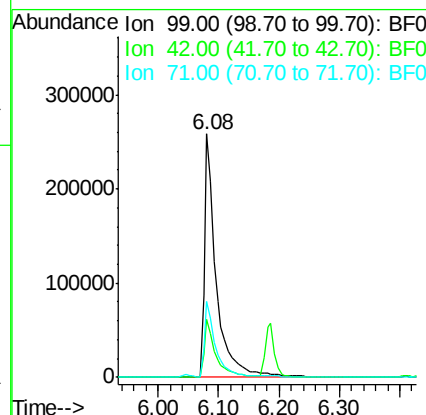
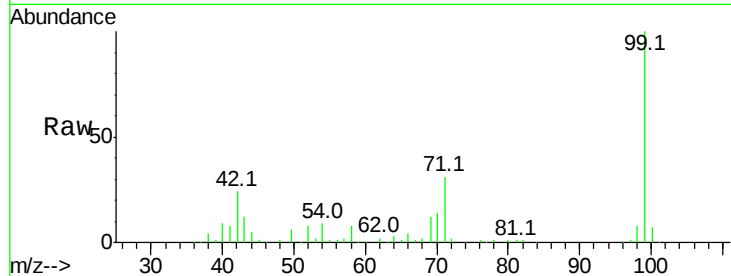
Tot Ion: 99 Resp: 356801

Ion Ratio Lower Upper

99 100

42 23.7 13.5 20.3#

71 31.1 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.69 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF097459.D

Acq: 8 Aug 2017 6:00

Tgt Ion: 136 Resp: 354701

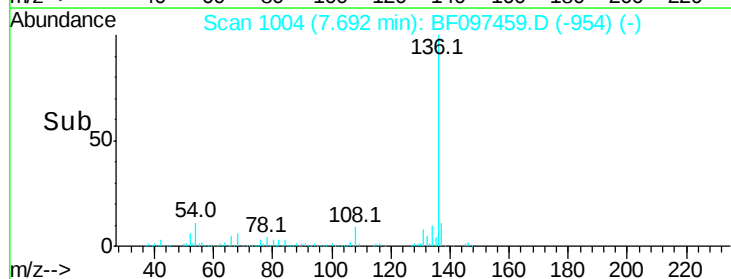
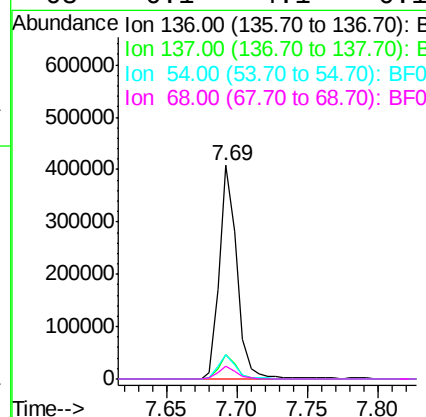
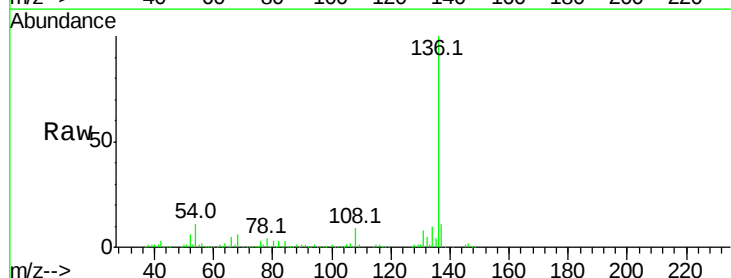
Ion Ratio Lower Upper

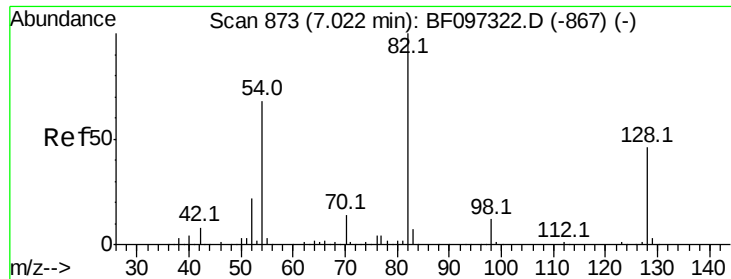
136 100

137 11.2 8.5 12.7

54 11.4 4.9 7.3#

68 6.1 4.1 6.1#

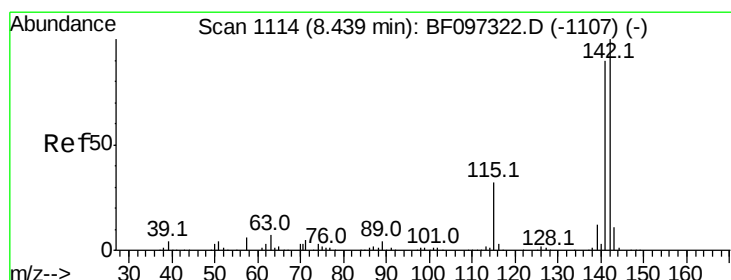
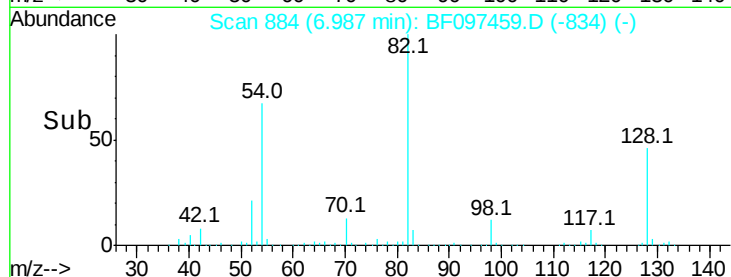
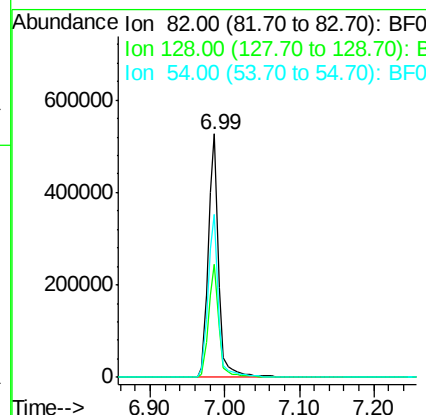
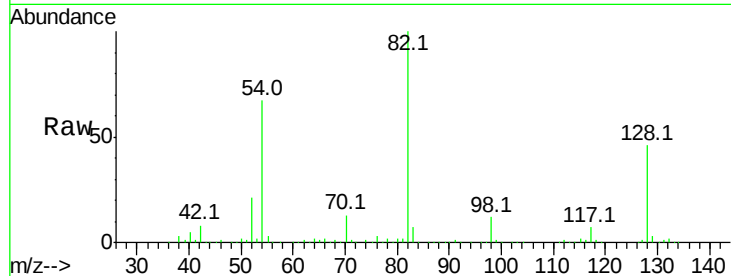




#23
 Nitrobenzene-d5
 Concen: 85.649 ng
 RT: 6.99 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF097459.D
 Acq: 8 Aug 2017 6:00

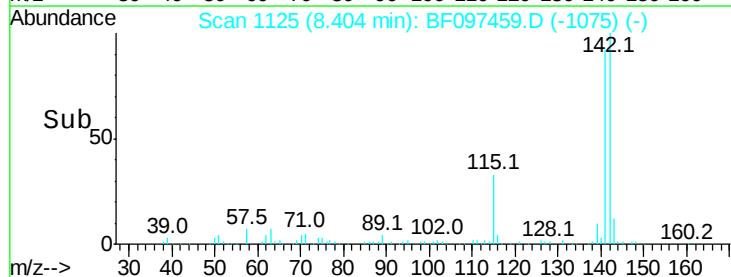
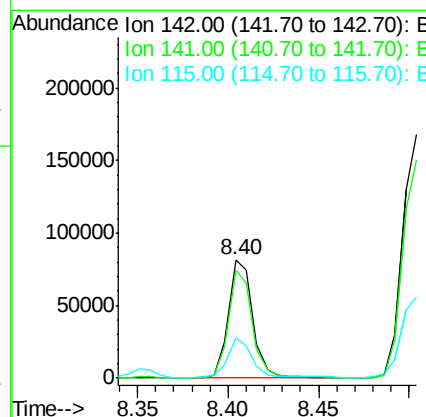
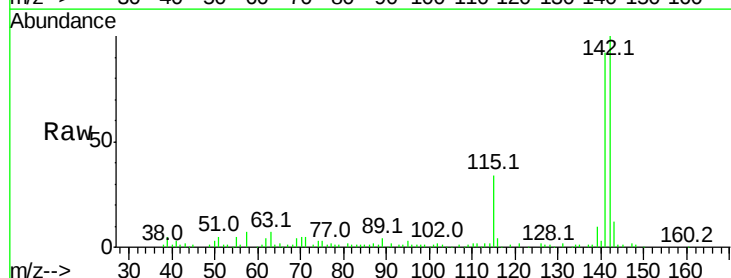
Instrument :
 BNA_F
 ClientSampleId :
 ERM-33

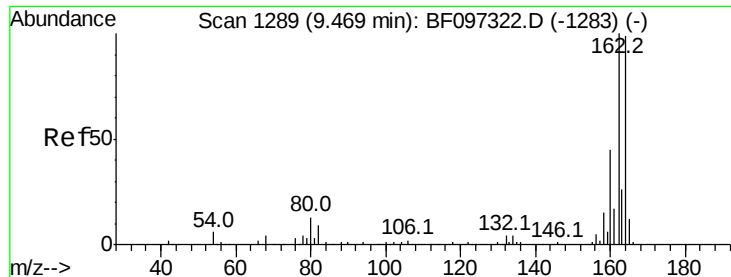
Tot Ion: 82 Resp: 517863
 Ion Ratio Lower Upper
 82 100
 128 46.3 34.0 51.0
 54 67.0 42.2 63.2#



#37
 2-Methylnaphthalene
 Concen: 7.259 ng
 RT: 8.40 min Scan# 1125
 Delta R.T. -0.01 min
 Lab File: BF097459.D
 Acq: 8 Aug 2017 6:00

Tgt Ion: 142 Resp: 76842
 Ion Ratio Lower Upper
 142 100
 141 91.7 71.3 106.9
 115 33.5 27.1 40.7

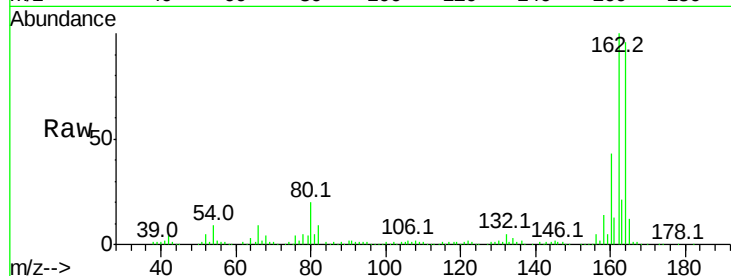




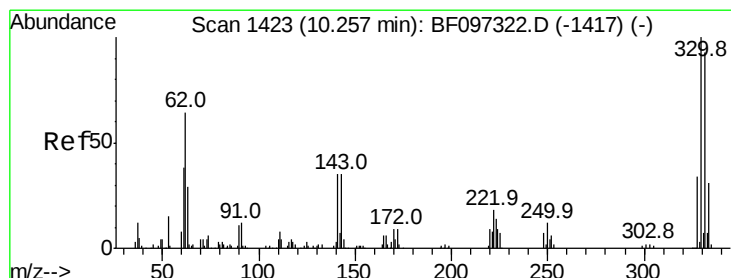
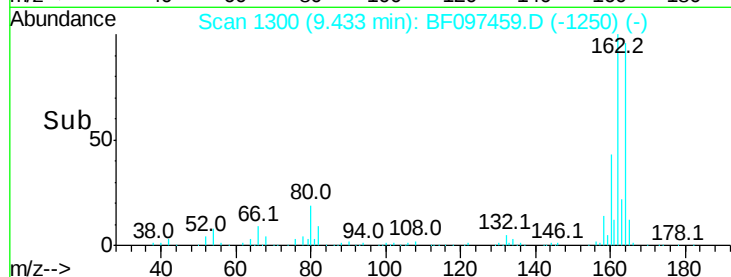
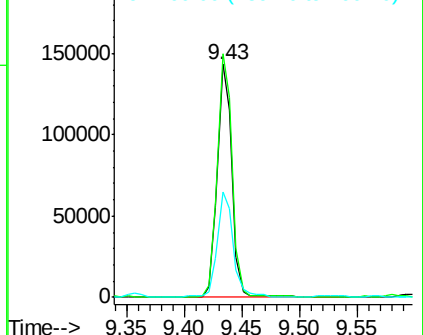
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.43 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF097459.D
Acq: 8 Aug 2017 6:00

Instrument :
BNA_F
ClientSampleId :
ERM-33

Tot Ion:164 Resp: 127059
Ion Ratio Lower Upper
164 100
162 104.4 82.6 123.8
160 45.1 36.2 54.2

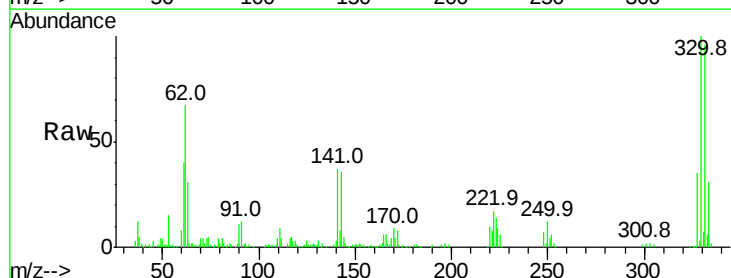


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

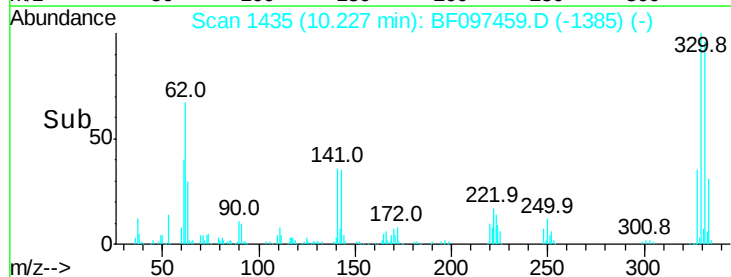
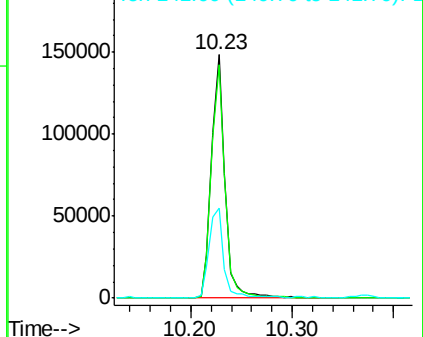


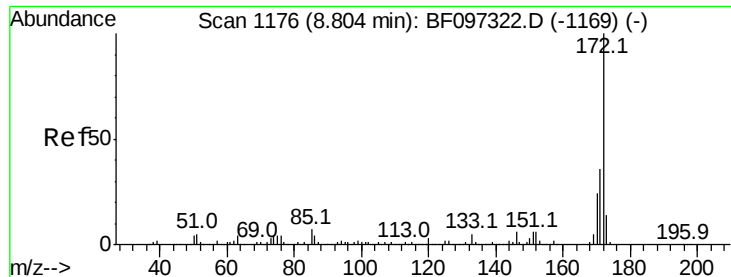
#41
2,4,6-Tribromophenol
Concen: 138.459 ng
RT: 10.23 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF097459.D
Acq: 8 Aug 2017 6:00

Tgt Ion:330 Resp: 138997
Ion Ratio Lower Upper
330 100
332 96.5 76.6 115.0
141 41.0 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

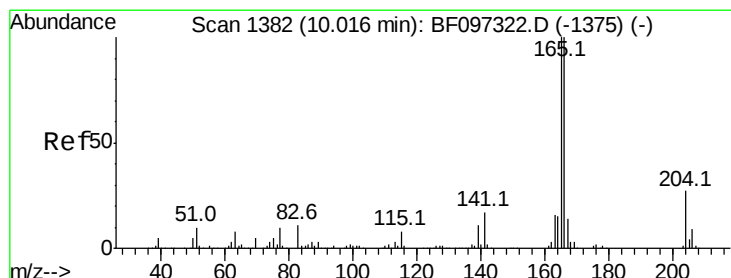
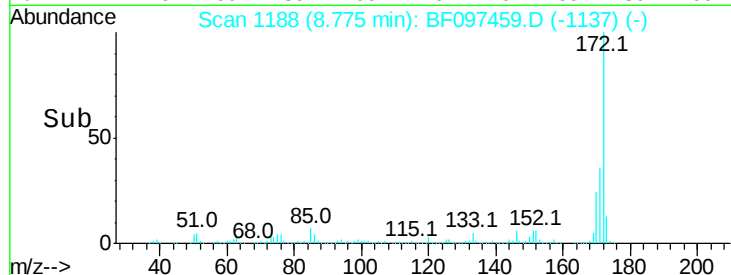
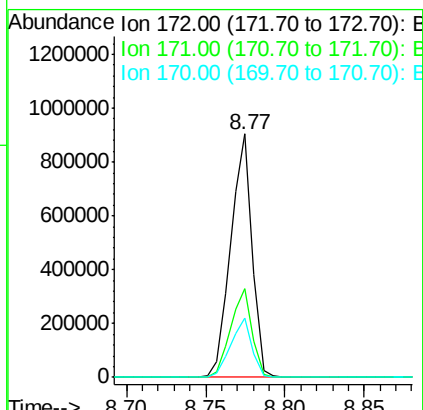
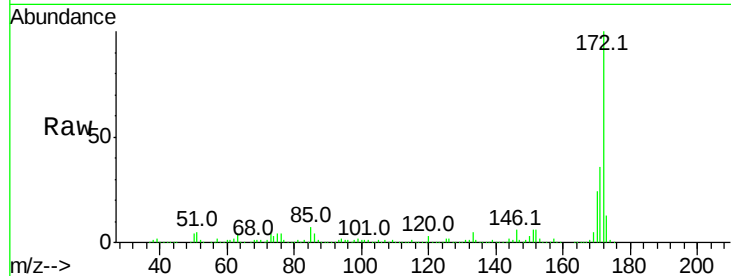




#44
 2-Fluorobiphenyl
 Concen: 112.995 ng
 RT: 8.77 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF097459.D
 Acq: 8 Aug 2017 6:00

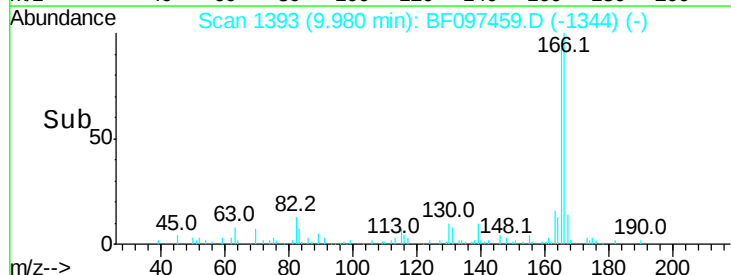
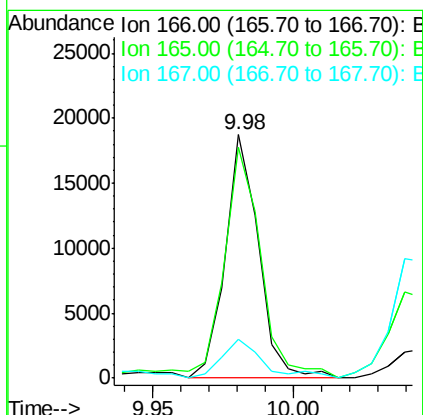
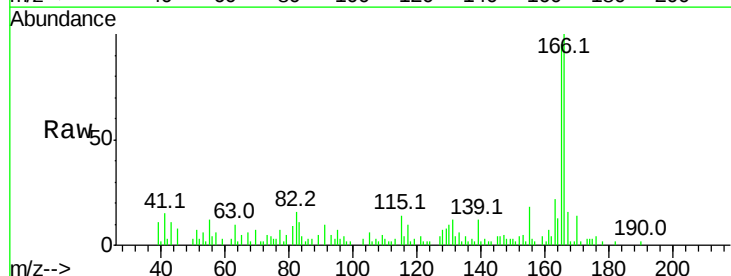
Instrument :
 BNA_F
 ClientSampled :
 ERM-33

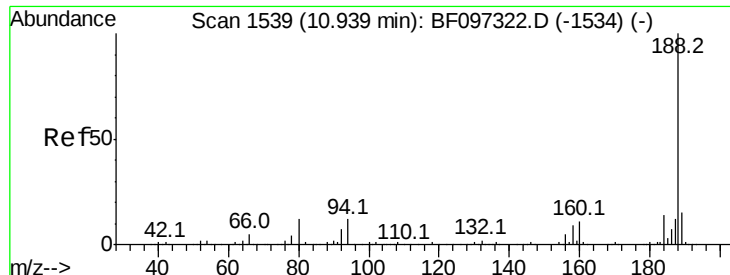
Tot Ion:172 Resp: 845973
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.4 19.8 29.8



#57
 Fluorene
 Concen: 2.122 ng
 RT: 9.98 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF097459.D
 Acq: 8 Aug 2017 6:00

Tgt Ion:166 Resp: 15337
 Ion Ratio Lower Upper
 166 100
 165 94.7 78.8 118.2
 167 16.1 10.6 16.0#

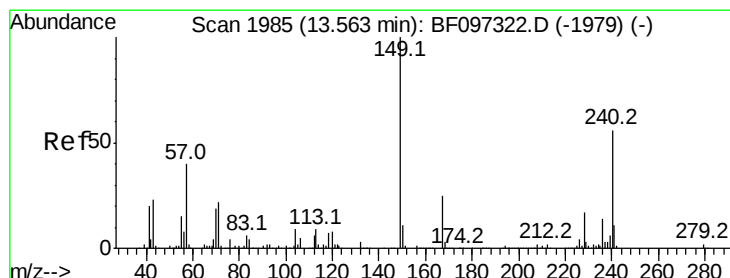
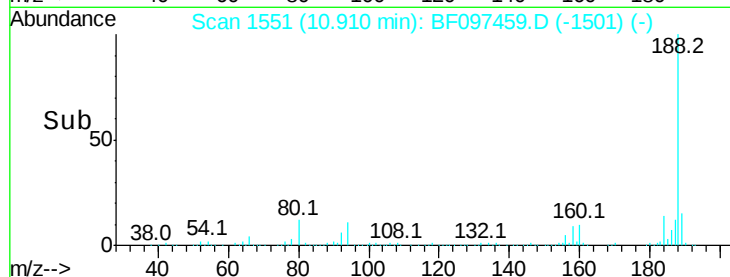
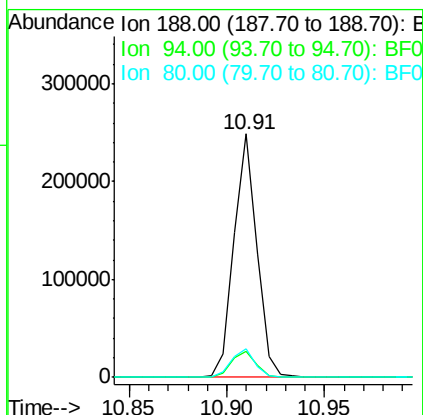
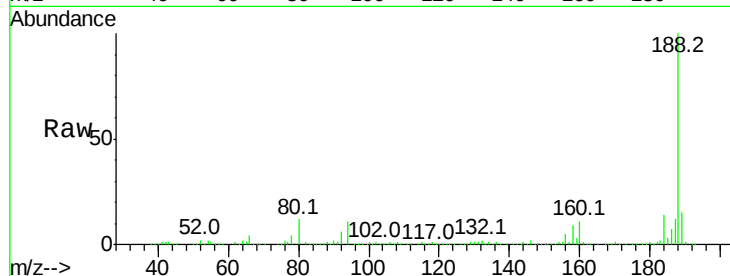




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.91 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF097459.D
Acq: 8 Aug 2017 6:00

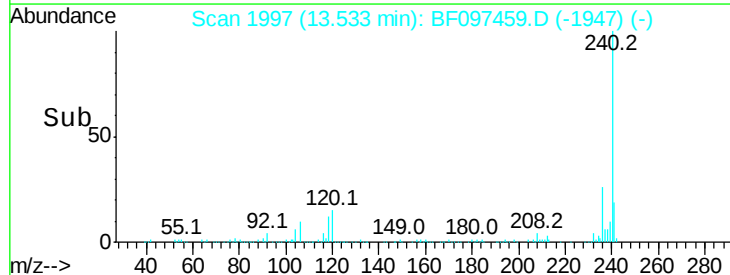
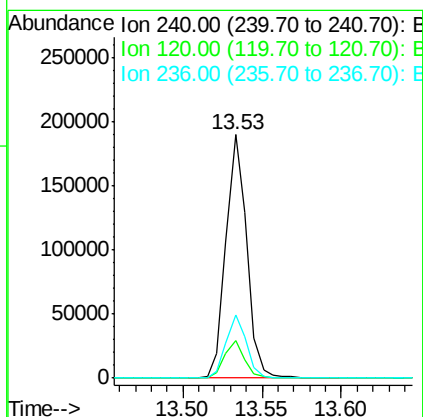
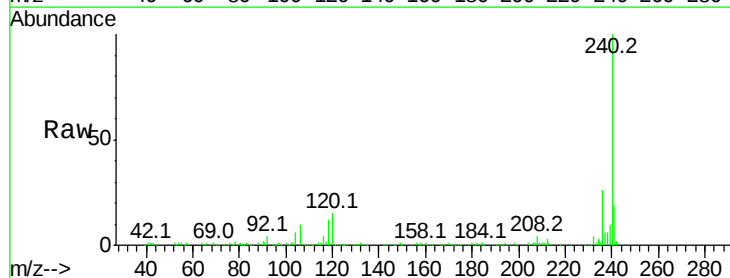
Instrument :
BNA_F
ClientSampleId :
ERM-33

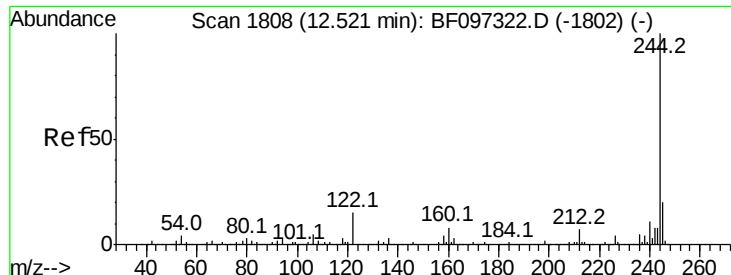
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	11.8	10.2	15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.53 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF097459.D
Acq: 8 Aug 2017 6:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.4	5.8	8.8#
236	25.7	20.5	30.7





#78

Terphenyl-d14

Concen: 73.847 ng

RT: 12.49 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF097459.D

Acq: 8 Aug 2017 6:00

Instrument :

BNA_F

ClientSampleId :

ERM-33

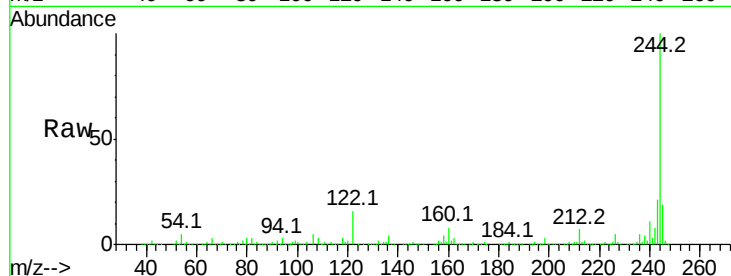
Tot Ion:244 Resp: 626056

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

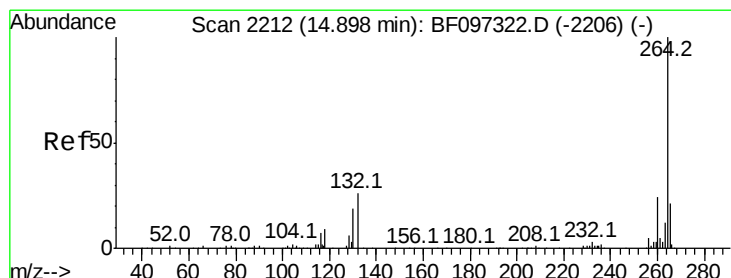
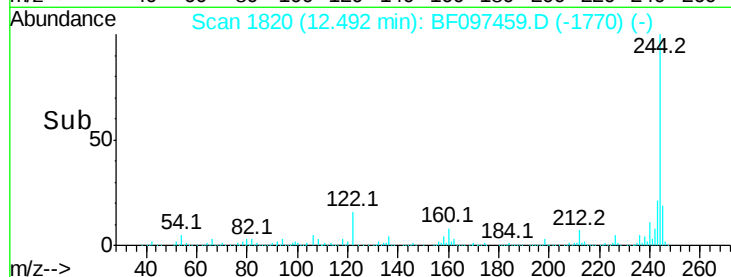
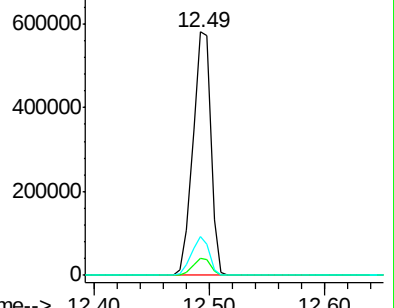
122 16.0 10.3 15.5#



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: 20.000 ng

RT: 14.87 min Scan# 2225

Delta R.T. 0.01 min

Lab File: BF097459.D

Acq: 8 Aug 2017 6:00

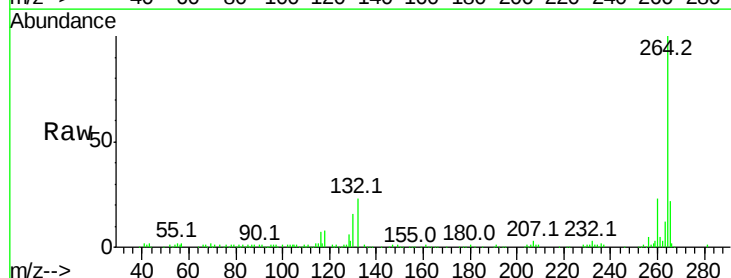
Tgt Ion:264 Resp: 122643

Ion Ratio Lower Upper

264 100

260 23.2 19.5 29.3

265 21.6 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

