

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
 Data File : BF097933.D
 Acq On : 22 Aug 2017 4:13
 Operator : SJ/JU
 Sample : I4881-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RWB-9

Quant Time: Aug 22 07:13:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

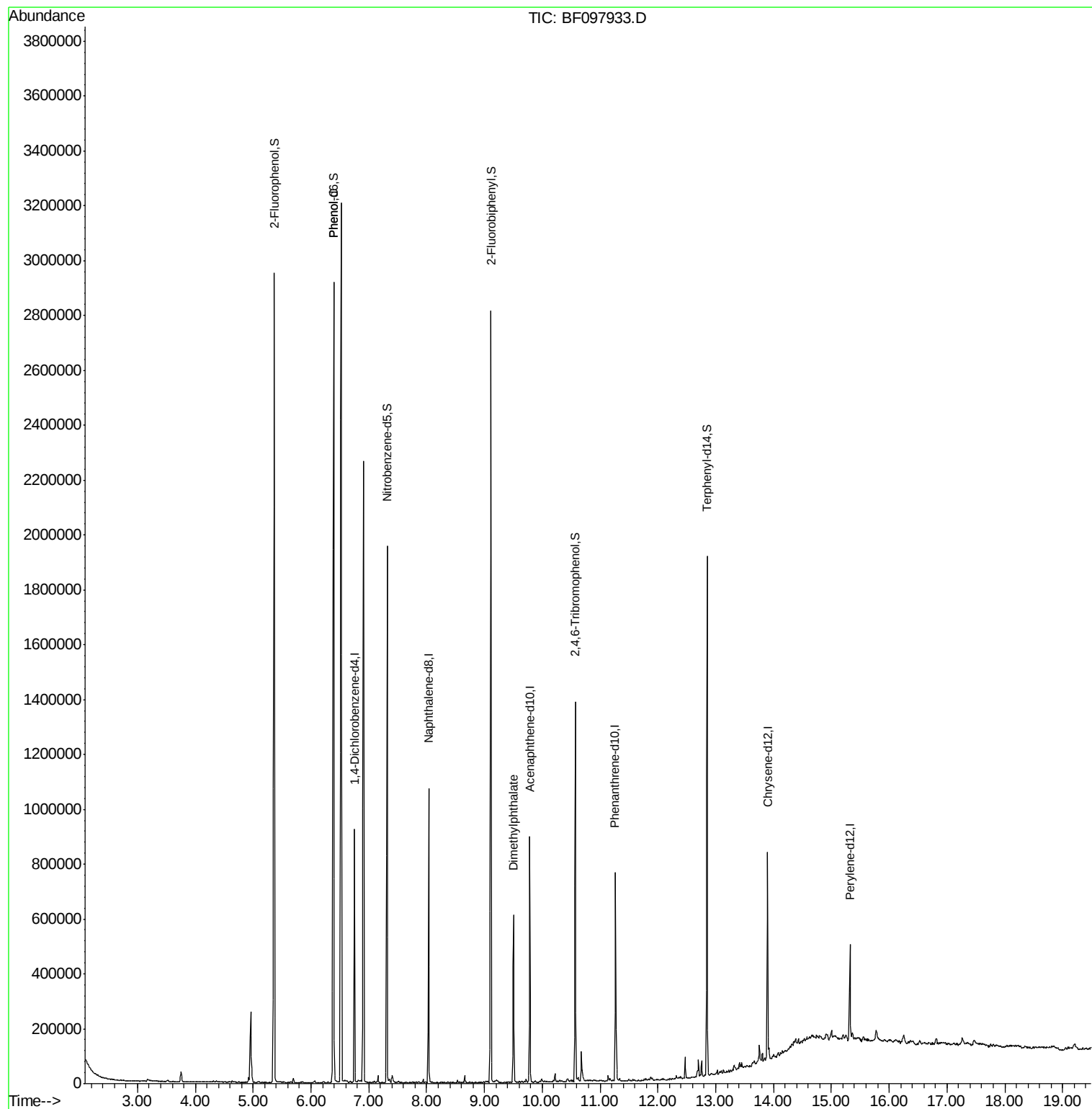
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	115084	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	419520	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	156681	20.00	ng	0.00
63) Phenanthrene-d10	11.27	188	271450	20.00	ng	0.00
75) Chrysene-d12	13.90	240	226100	20.00	ng	0.00
86) Perylene-d12	15.32	264	152406	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	940994	124.37	ng	0.01
7) Phenol-d6	6.39	99	1229381	119.59	ng	0.00
23) Nitrobenzene-d5	7.32	82	684654	88.66	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	148779	109.44	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	804432	75.43	ng	0.00
78) Terphenyl-d14	12.85	244	535698	49.41	ng	0.00
Target Compounds						
10) Phenol	6.40	94	53965	4.488	ng	99
49) Dimethylphthalate	9.50	163	196620	17.168	ng	98

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

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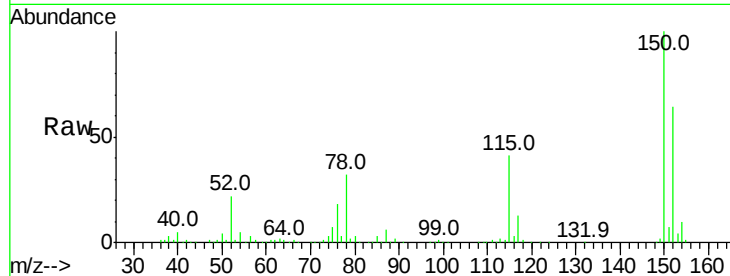


#1

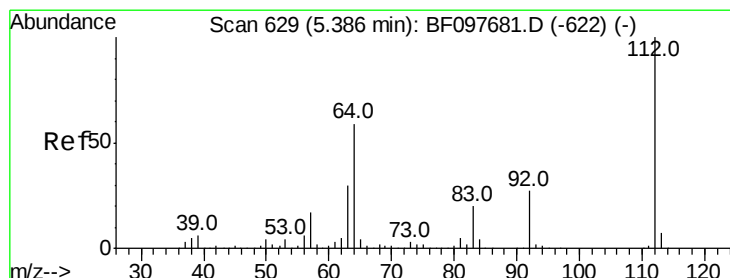
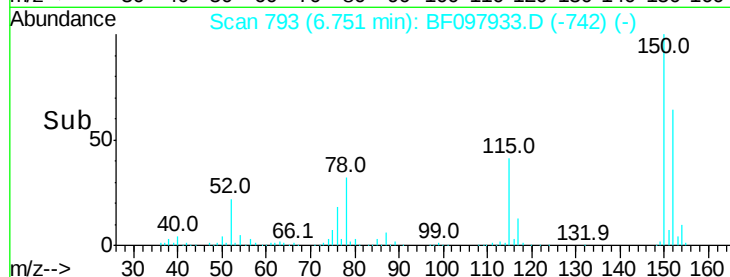
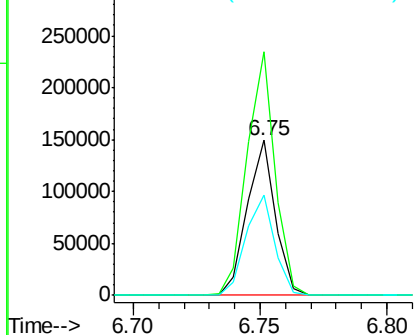
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF097933.D
Acq: 22 Aug 2017 4:13

Instrument :
BNA_F
ClientSampleId :
RWB-9

Tot Ion:152 Resp: 115084
Ion Ratio Lower Upper
152 100
150 157.0 126.2 189.2
115 64.8 52.2 78.2



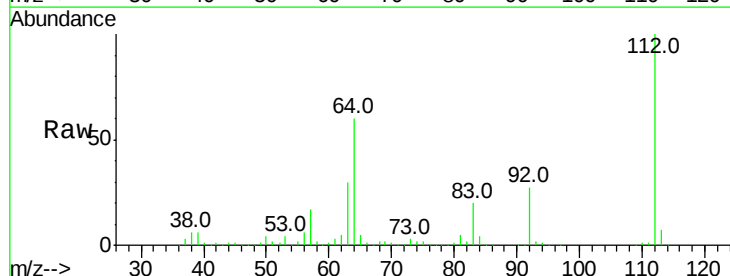
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



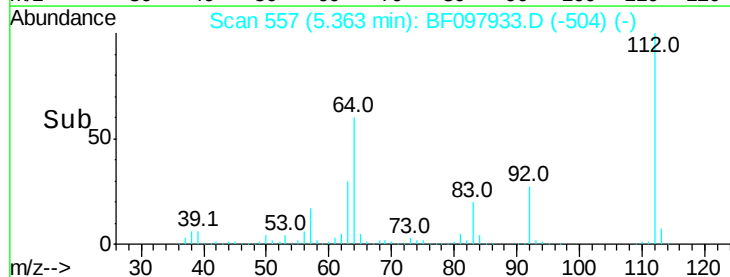
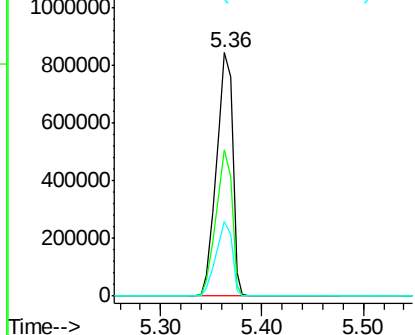
#5

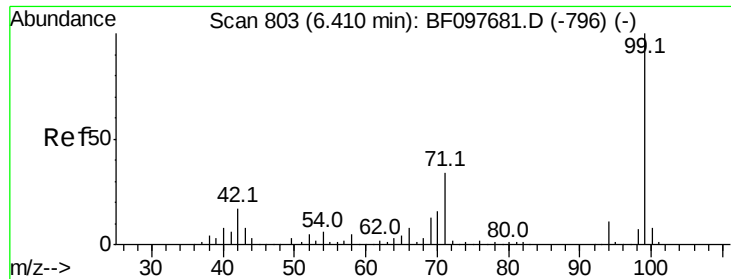
2-Fluorophenol
Concen: 124.372 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF097933.D
Acq: 22 Aug 2017 4:13

Tgt Ion:112 Resp: 940994
Ion Ratio Lower Upper
112 100
64 60.1 46.0 69.0
63 30.4 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: 119.590 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF097933.D

Acq: 22 Aug 2017 4:13

Instrument :

BNA_F

ClientSampled :

RWB-9

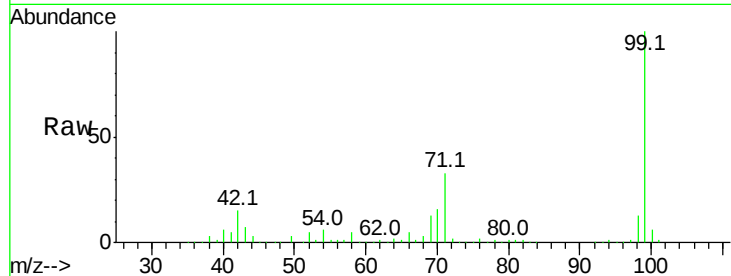
Tot Ion: 99 Resp: 1229381

Ion Ratio Lower Upper

99 100

42 15.1 13.5 20.3

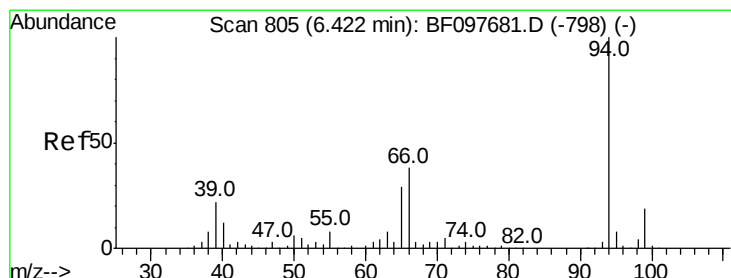
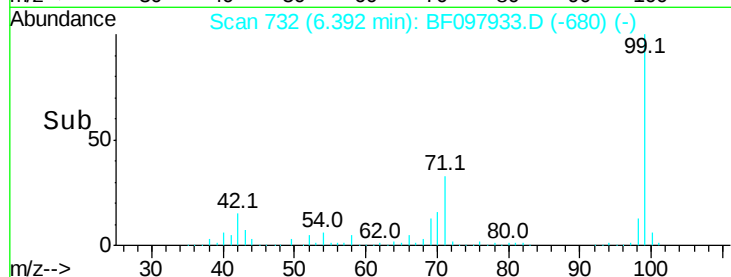
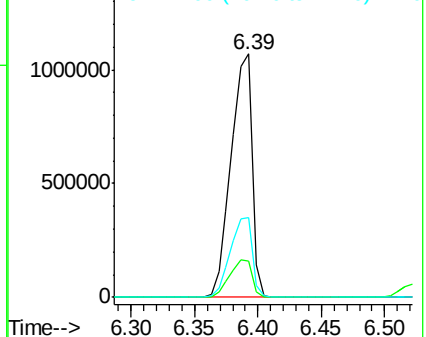
71 32.9 24.5 36.7



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: 4.488 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF097933.D

Acq: 22 Aug 2017 4:13

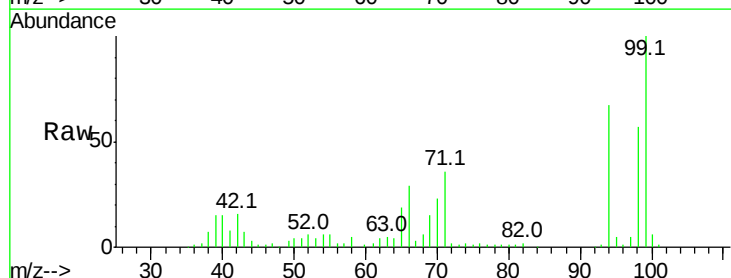
Tgt Ion: 94 Resp: 53965

Ion Ratio Lower Upper

94 100

65 28.8 9.9 49.9

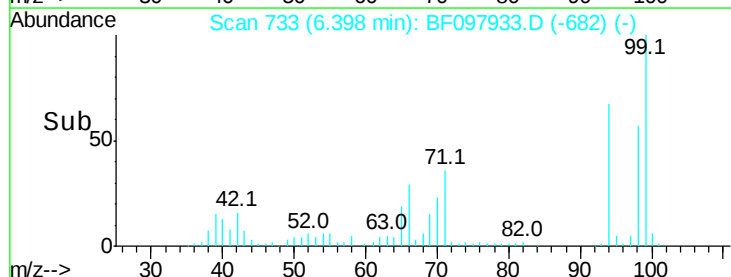
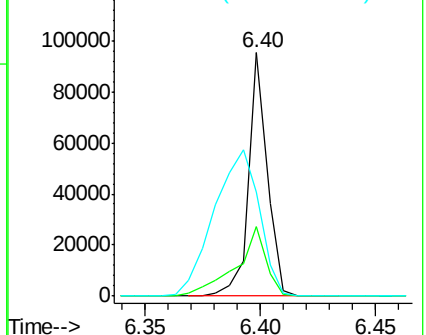
66 43.0 23.1 63.1

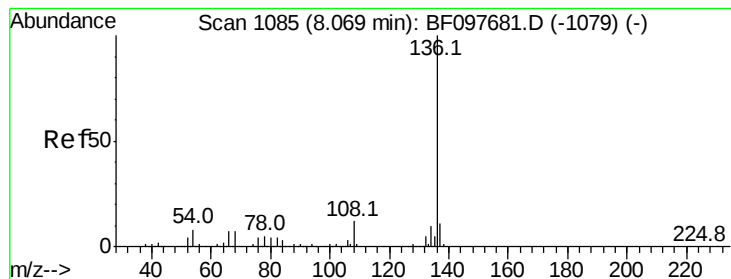


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF097933.D

Acq: 22 Aug 2017 4:13

Instrument :

BNA_F

ClientSampleId :

RWB-9

Tot Ion:136 Resp: 419520

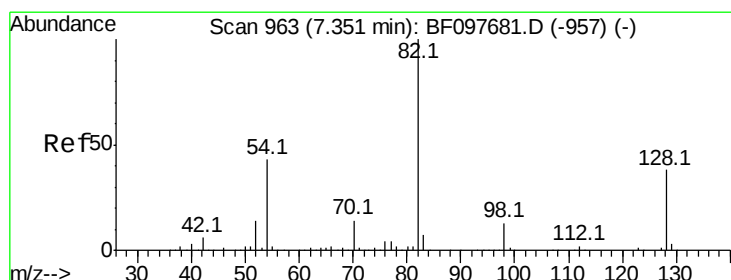
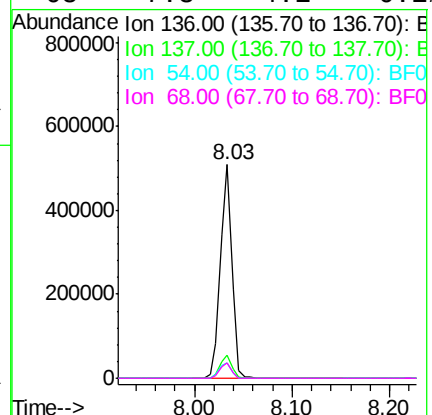
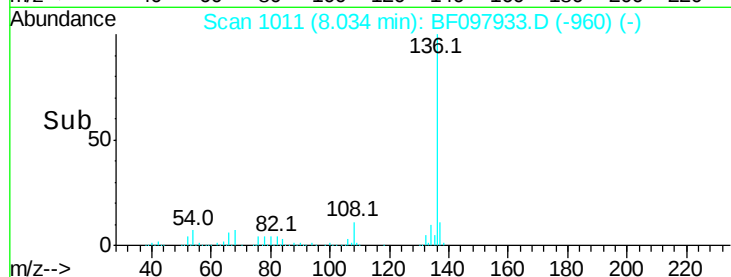
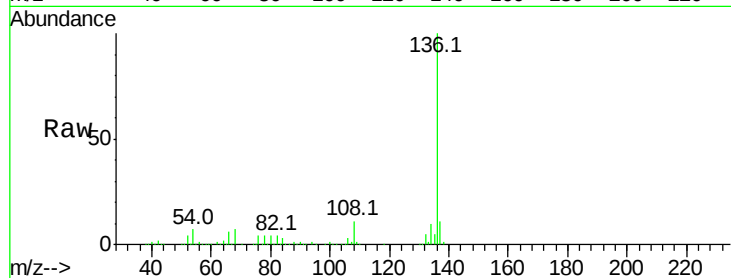
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.3 4.9 7.3

68 7.3 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 88.657 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF097933.D

Acq: 22 Aug 2017 4:13

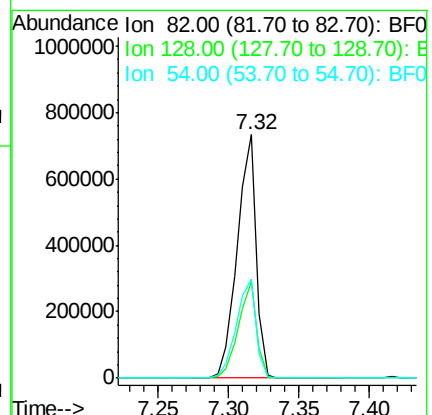
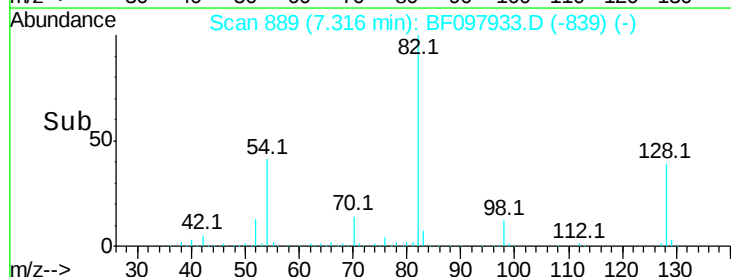
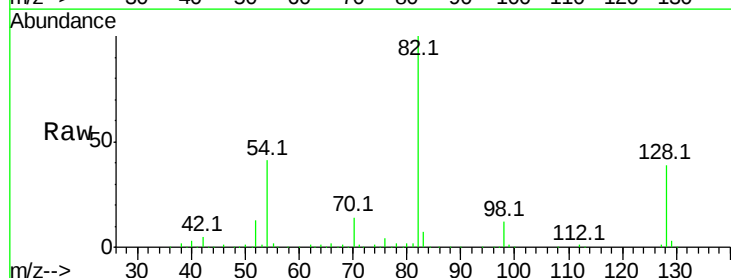
Tgt Ion: 82 Resp: 684654

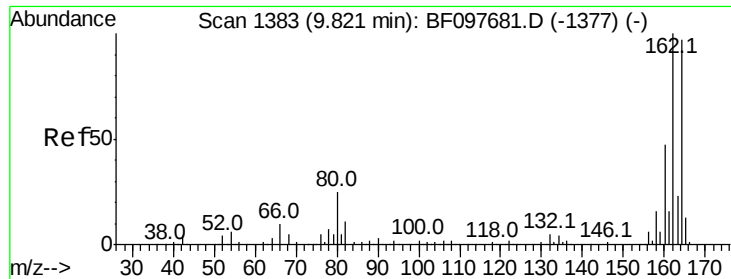
Ion Ratio Lower Upper

82 100

128 39.5 34.0 51.0

54 40.6 42.2 63.2#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF097933.D

Acq: 22 Aug 2017 4:13

Instrument :

BNA_F

ClientSampleId :

RWB-9

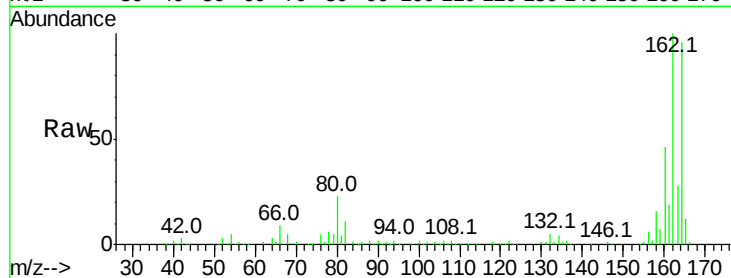
Tot Ion:164 Resp: 156681

Ion Ratio Lower Upper

164 100

162 104.4 82.6 123.8

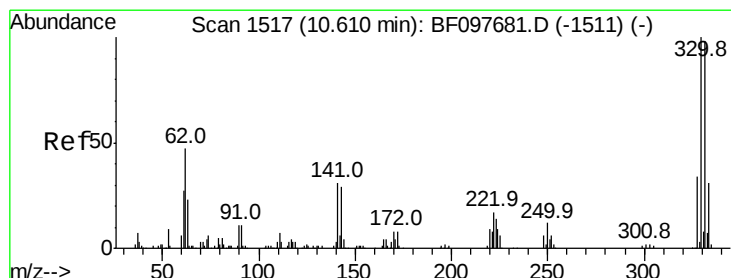
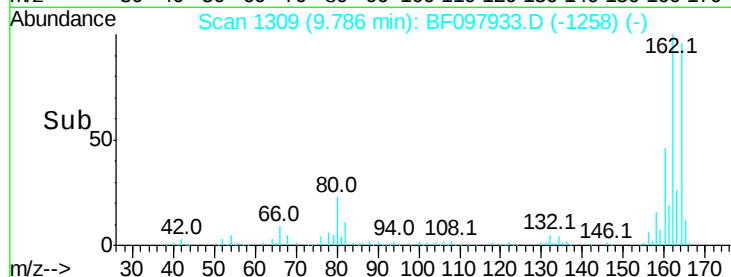
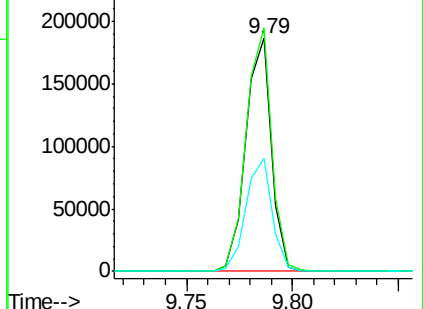
160 48.5 36.2 54.2



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: 109.440 ng

RT: 10.57 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BF097933.D

Acq: 22 Aug 2017 4:13

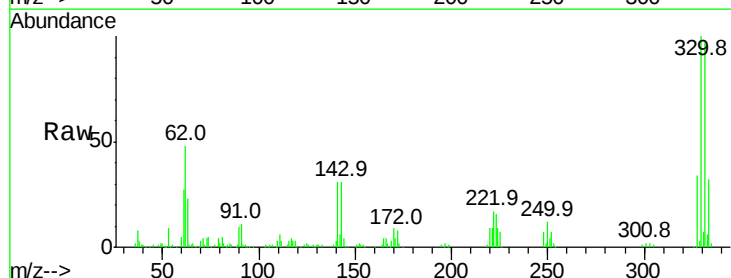
Tgt Ion:330 Resp: 148779

Ion Ratio Lower Upper

330 100

332 97.5 76.6 115.0

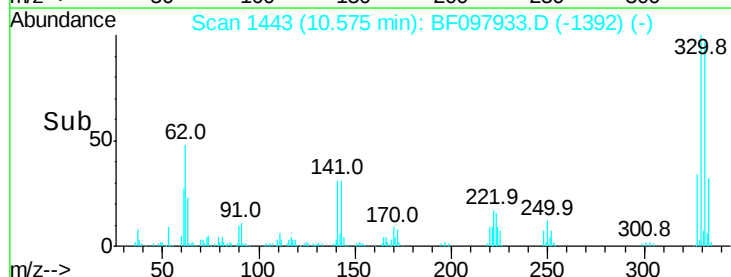
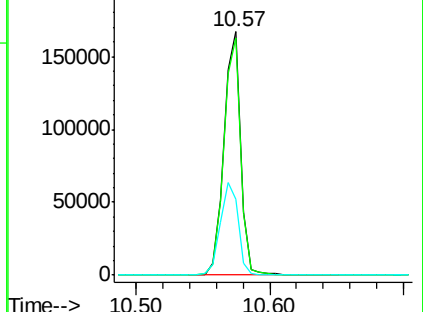
141 40.8 31.4 47.2



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

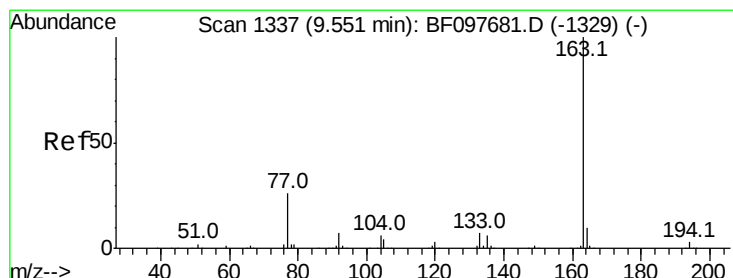
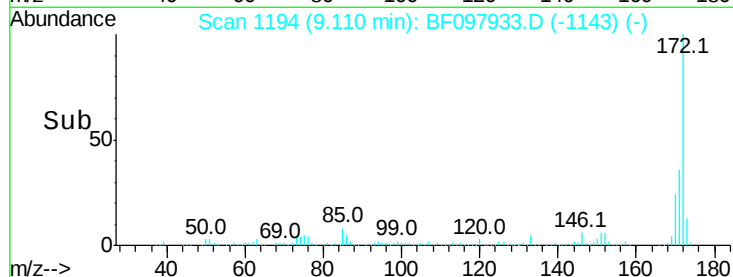
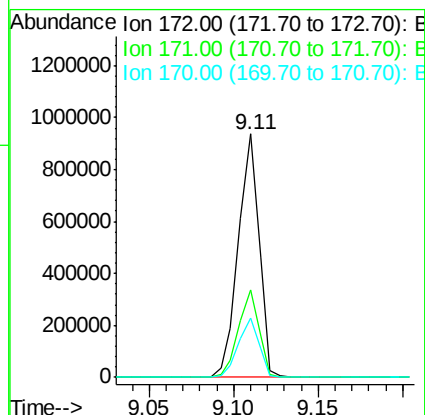
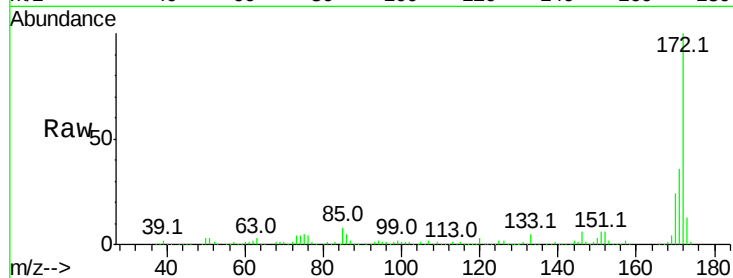




#44
 2-Fluorobiphenyl
 Concen: 75.432 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF097933.D
 Acq: 22 Aug 2017 4:13

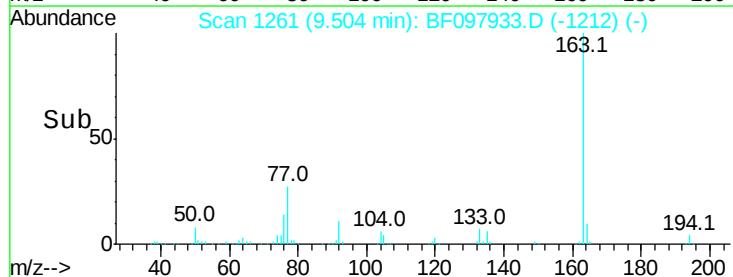
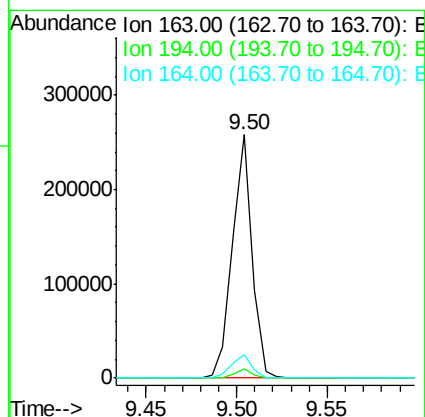
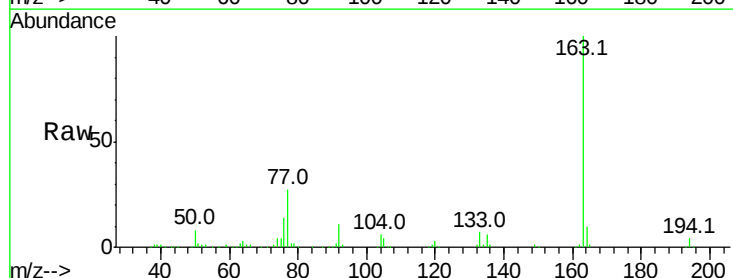
Instrument :
 BNA_F
 ClientSampleId :
 RWB-9

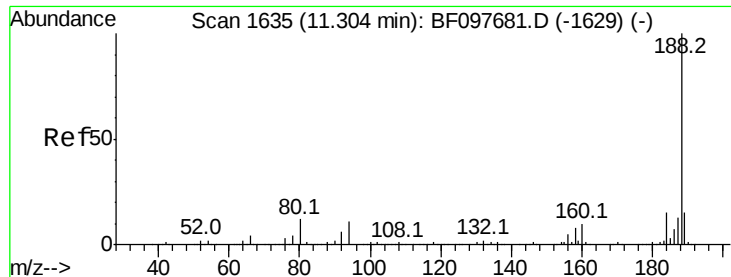
Tot Ion:172 Resp: 804432
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 24.2 19.8 29.8



#49
 Dimethylphthalate
 Concen: 17.168 ng
 RT: 9.50 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: BF097933.D
 Acq: 22 Aug 2017 4:13

Tgt Ion:163 Resp: 196620
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.6 4.0
 164 9.8 8.4 12.6

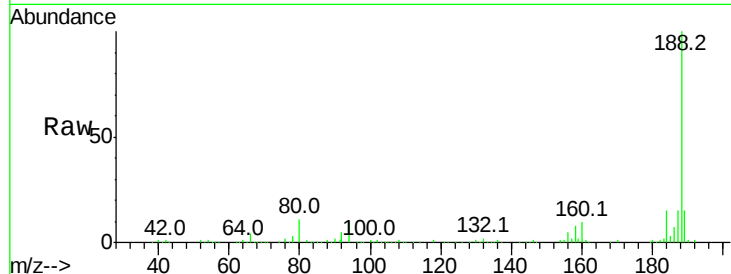




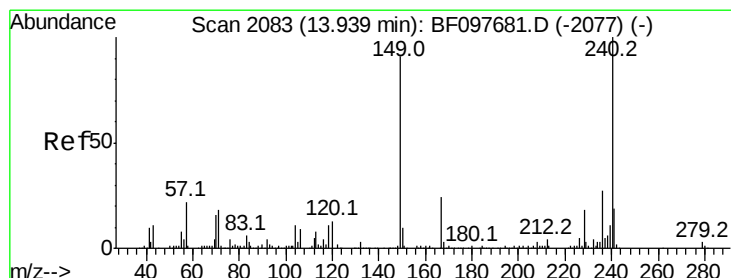
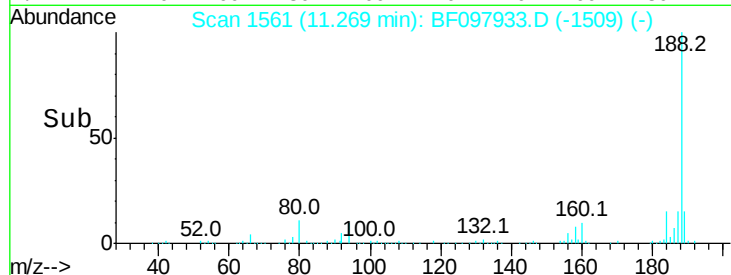
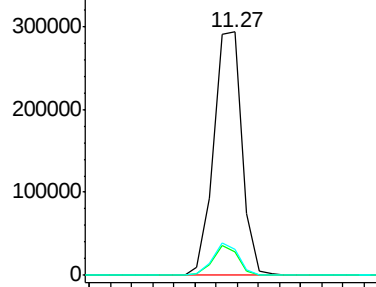
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF097933.D
Acq: 22 Aug 2017 4:13

Instrument :
BNA_F
ClientSampleId :
RWB-9

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.4	14.2
80	10.6	10.2	15.2

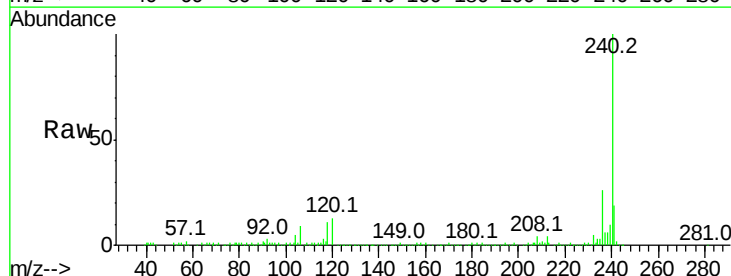


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

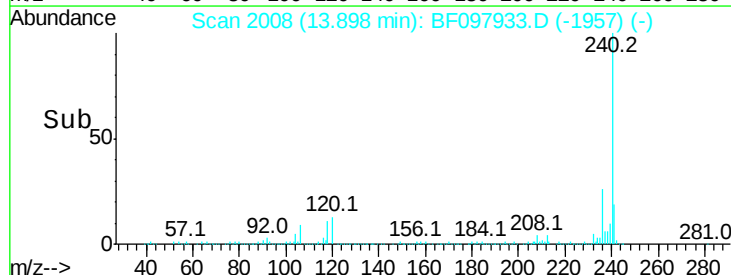
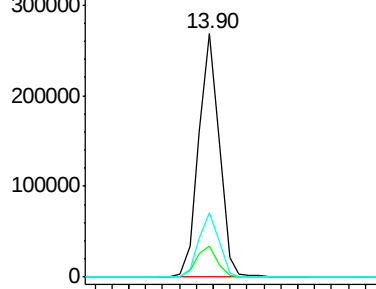


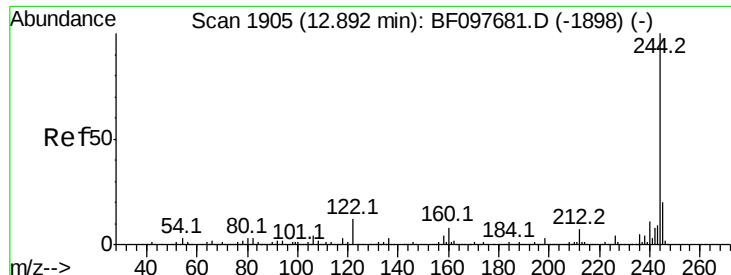
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF097933.D
Acq: 22 Aug 2017 4:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.0	5.8	8.8#
236	26.4	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

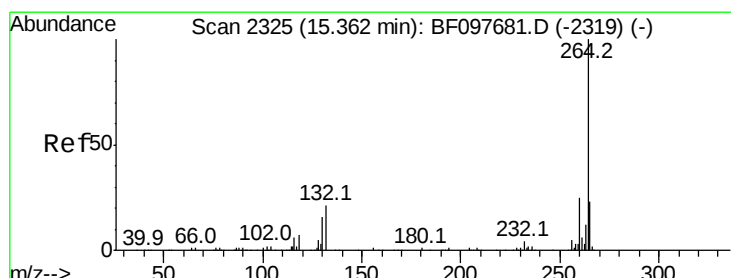
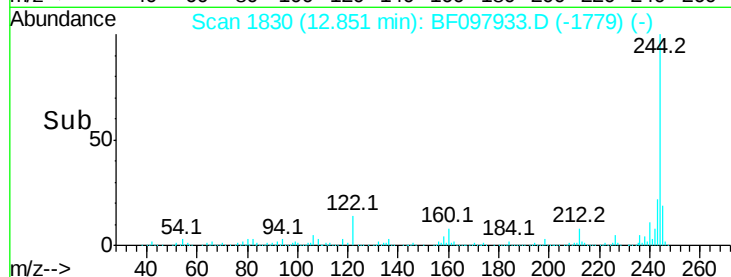
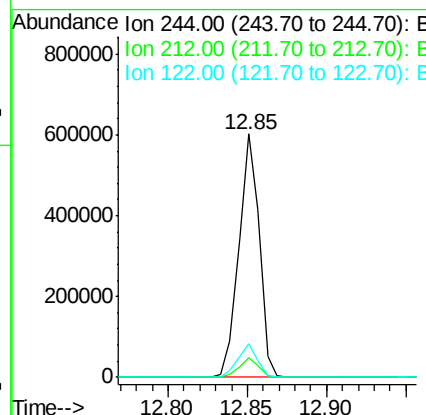
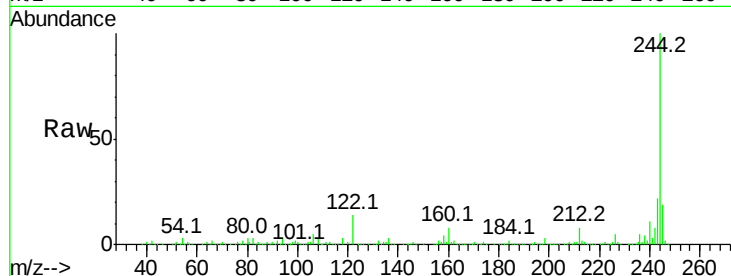




#78
 Terphenyl-d14
 Concen: 49.408 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. 0.00 min
 Lab File: BF097933.D
 Acq: 22 Aug 2017 4:13

Instrument :
 BNA_F
 ClientSampleId :
 RWB-9

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	13.9	10.3	15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. 0.01 min
 Lab File: BF097933.D
 Acq: 22 Aug 2017 4:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.6	17.2	25.8

