

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042617\
 Data File : BF094644.D
 Acq On : 26 Apr 2017 14:04
 Operator : SJ/MA
 Sample : I2805-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AREA3-COMP1

Quant Time: Apr 27 02:50:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

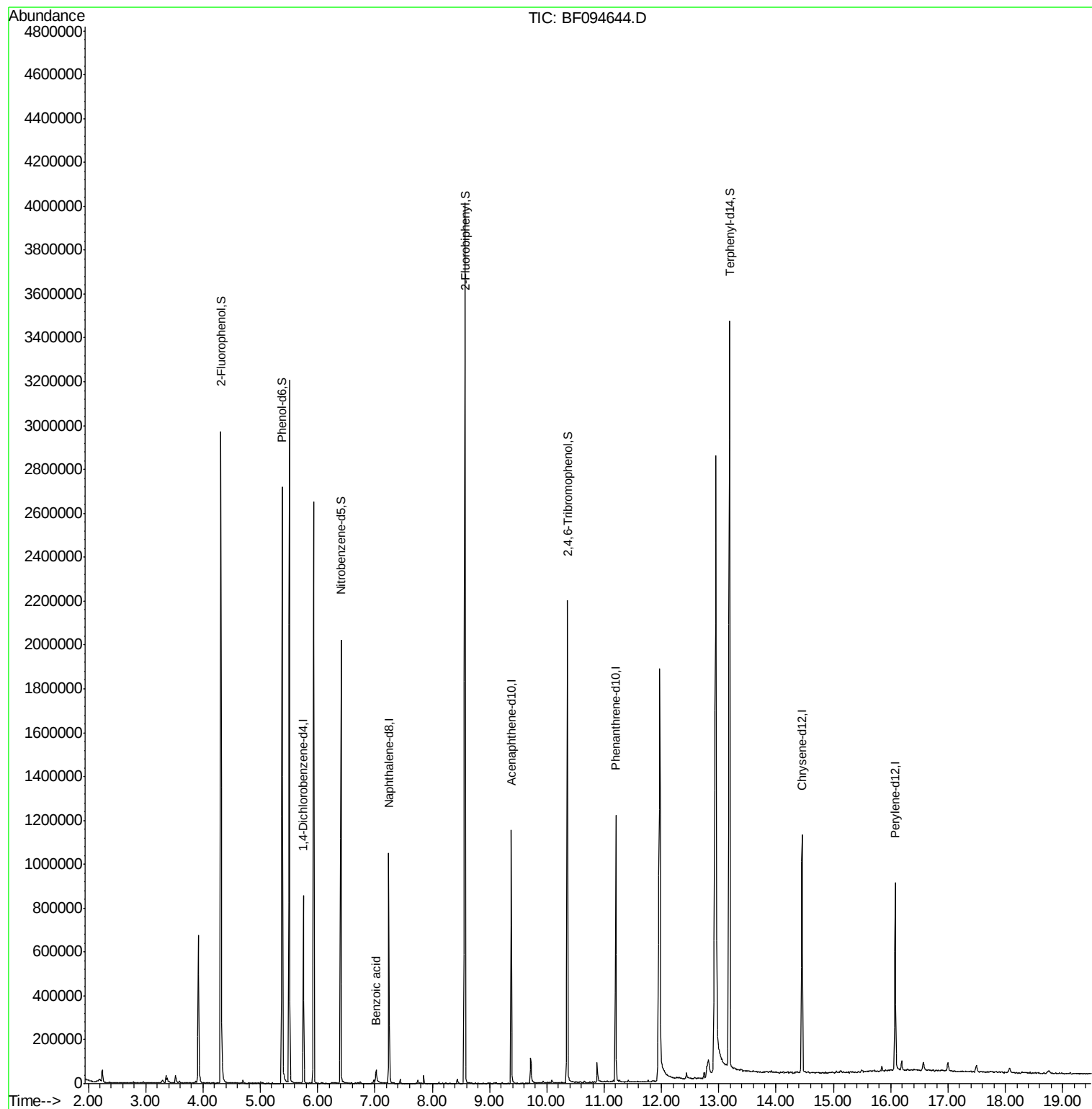
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	127854	20.00	ng	0.00
21) Naphthalene-d8	7.24	136	519277	20.00	ng	-0.02
38) Acenaphthene-d10	9.38	164	244671	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	480889	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	438541	20.00	ng	-0.01
86) Perylene-d12	16.08	264	352537	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	924845	120.01	ng	0.00
7) Phenol-d6	5.38	99	1103414	121.45	ng	0.00
23) Nitrobenzene-d5	6.41	82	749400	89.11	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	302026	157.82	ng	-0.01
44) 2-Fluorobiphenyl	8.57	172	1418907	85.33	ng	-0.01
78) Terphenyl-d14	13.19	244	1486183	90.58	ng	0.00
Target Compounds						
32) Benzoic acid	7.02	122	24095	5.90	ng	Qvalue 94

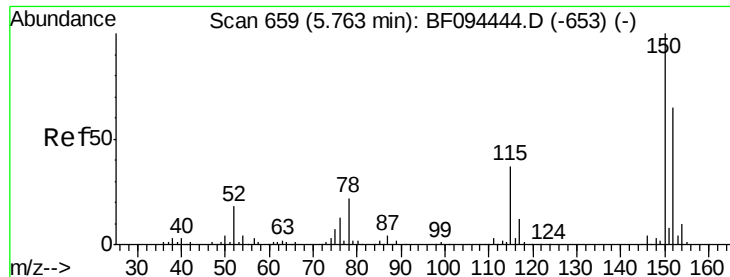
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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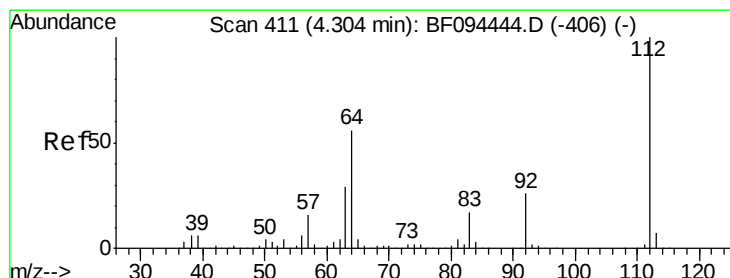
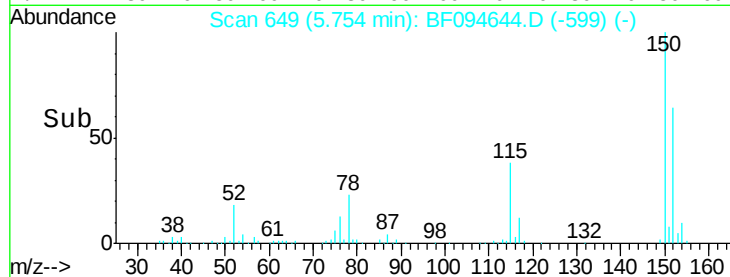
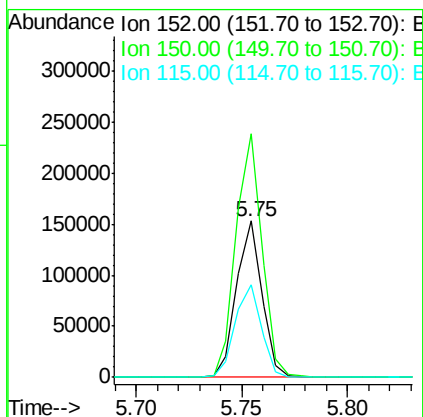
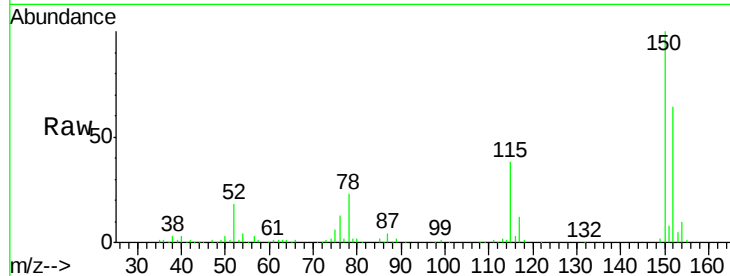


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094644.D
Acq: 26 Apr 2017 14:04

Instrument :
BNA_F
ClientSampleId :
AREA3-COMP1

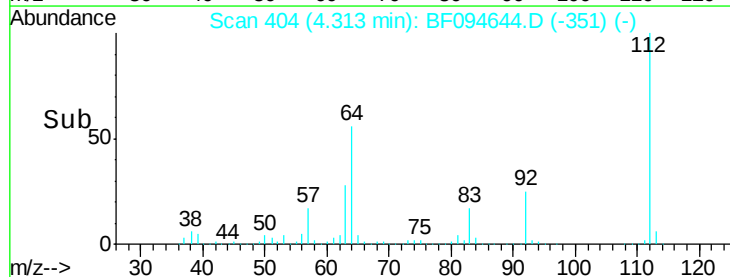
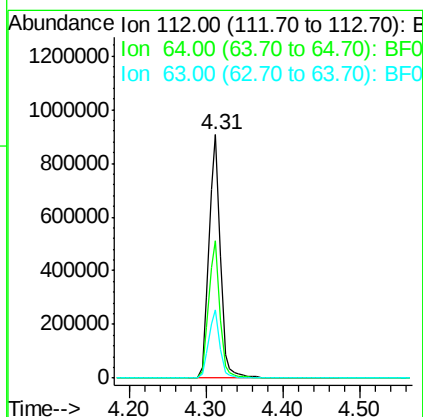
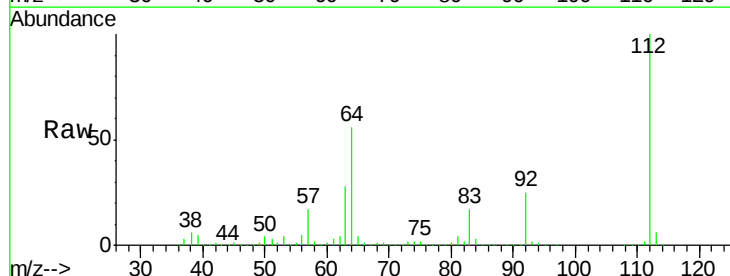
Tot Ion:152 Resp: 127854
Ion Ratio Lower Upper
152 100
150 155.7 126.2 189.2
115 58.9 52.2 78.2

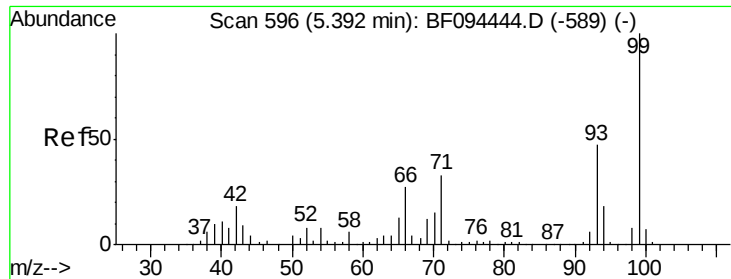


#5

2-Fluorophenol
Concen: 120.01 ng
RT: 4.31 min Scan# 404
Delta R.T. 0.01 min
Lab File: BF094644.D
Acq: 26 Apr 2017 14:04

Tgt Ion:112 Resp: 924845
Ion Ratio Lower Upper
112 100
64 56.5 46.0 69.0
63 27.8 23.4 35.0





#7

Phenol-d6

Concen: 121.45 ng

RT: 5.38 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF094644.D

Acq: 26 Apr 2017 14:04

Instrument :

BNA_F

ClientSampleId :

AREA3-COMP1

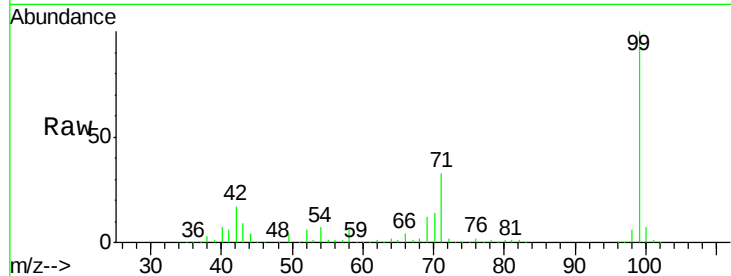
Tot Ion: 99 Resp: 1103414

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

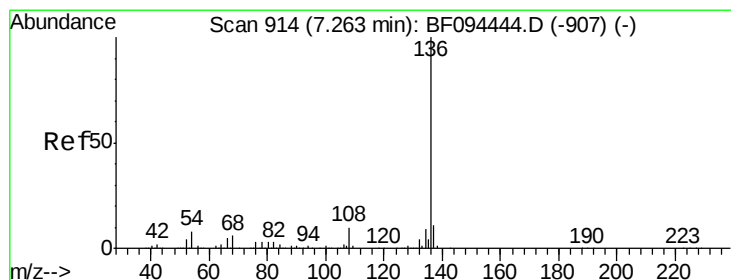
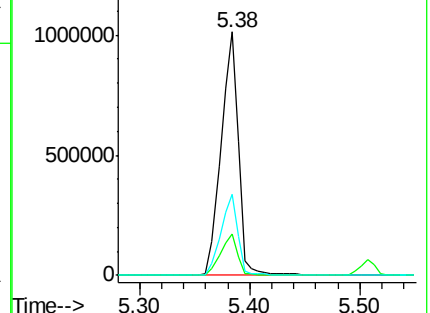
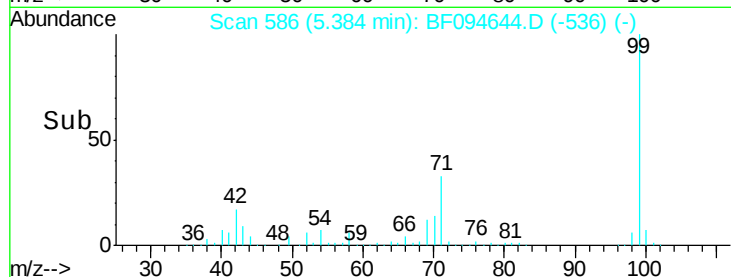
71 33.4 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.24 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF094644.D

Acq: 26 Apr 2017 14:04

Tgt Ion: 136 Resp: 519277

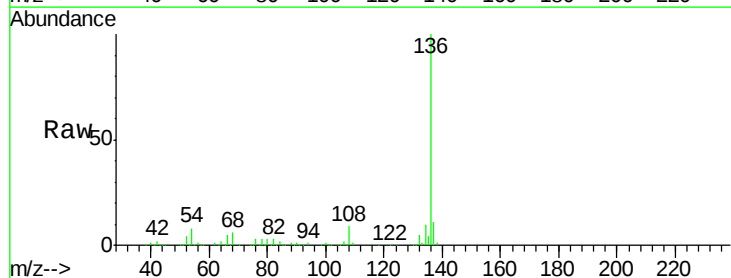
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.6 4.9 7.3#

68 6.2 4.1 6.1#

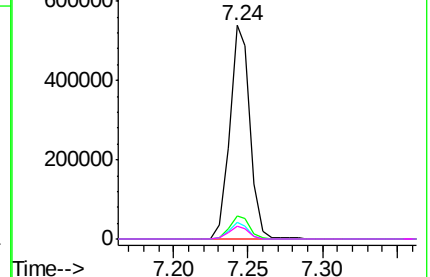
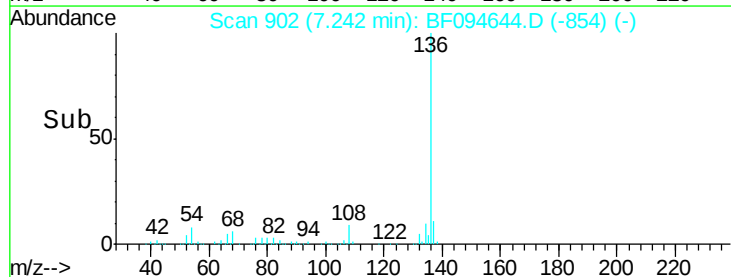


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

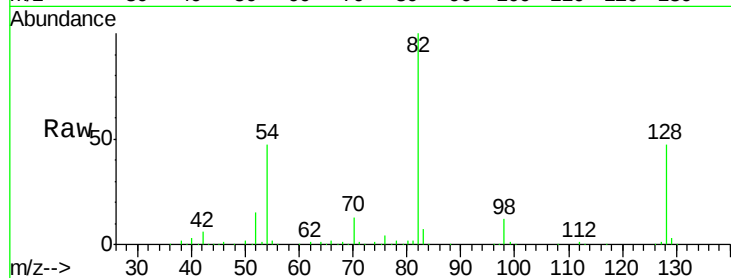




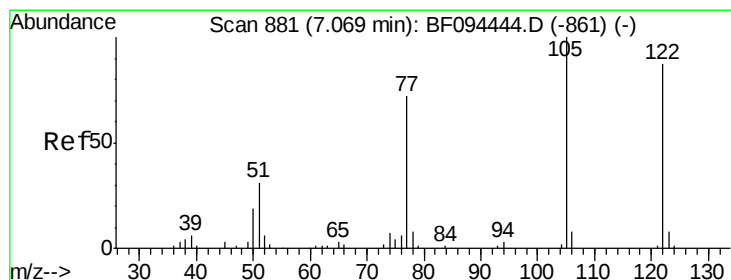
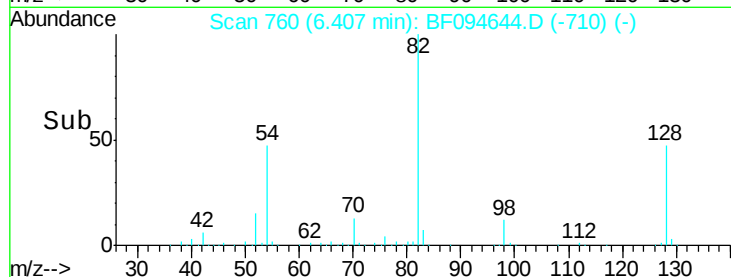
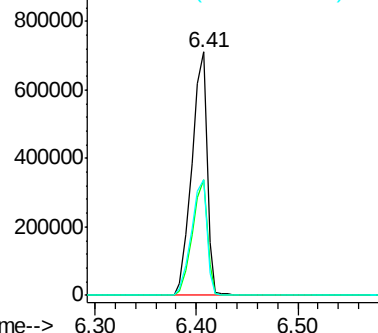
#23
 Nitrobenzene-d5
 Concen: 89.11 ng
 RT: 6.41 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF094644.D
 Acq: 26 Apr 2017 14:04

Instrument :
 BNA_F
 ClientSampleId :
 AREA3-COMP1

Tot Ion: 82 Resp: 749400
 Ion Ratio Lower Upper
 82 100
 128 47.5 34.0 51.0
 54 47.3 42.2 63.2

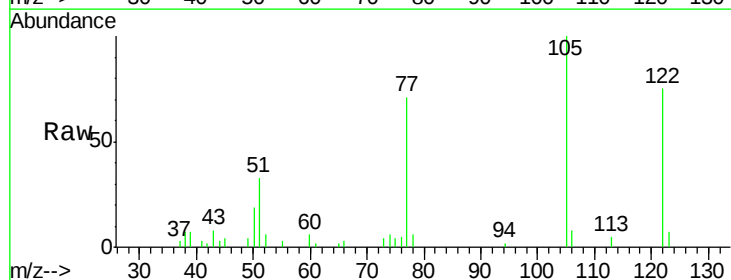


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

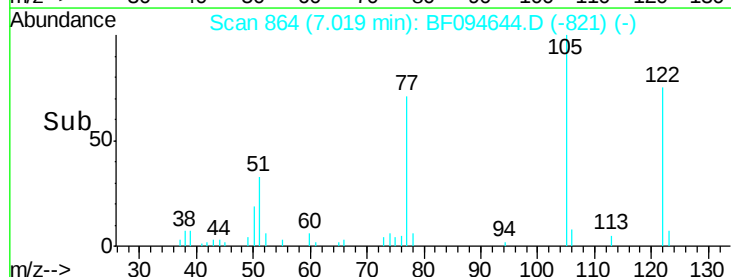
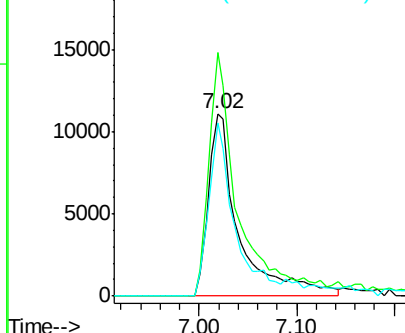


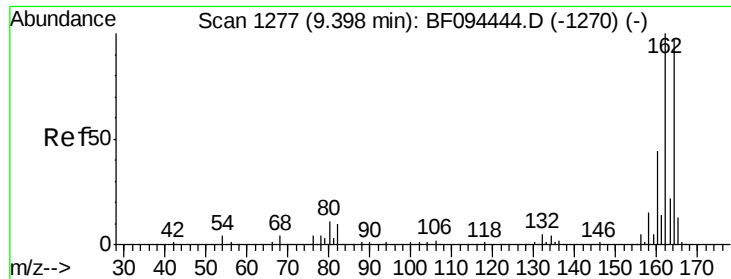
#32
 Benzoic acid
 Concen: 5.90 ng
 RT: 7.02 min Scan# 864
 Delta R.T. -0.05 min
 Lab File: BF094644.D
 Acq: 26 Apr 2017 14:04

Tgt Ion: 122 Resp: 24095
 Ion Ratio Lower Upper
 122 100
 105 133.5 103.3 143.3
 77 95.3 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 105.00 (104.70 to 105.70): E
 Ion 77.00 (76.70 to 77.70): BF0

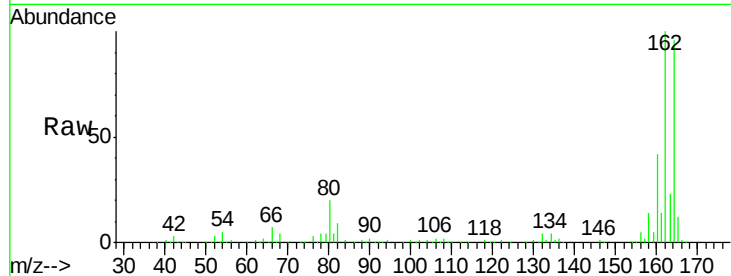




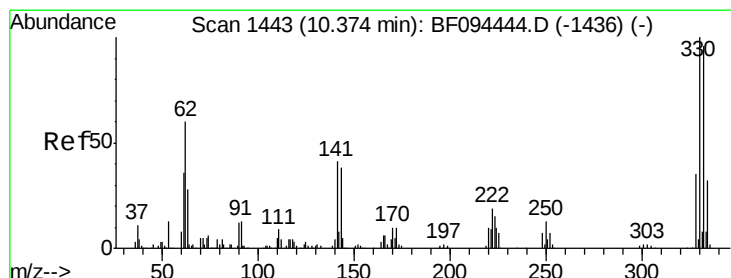
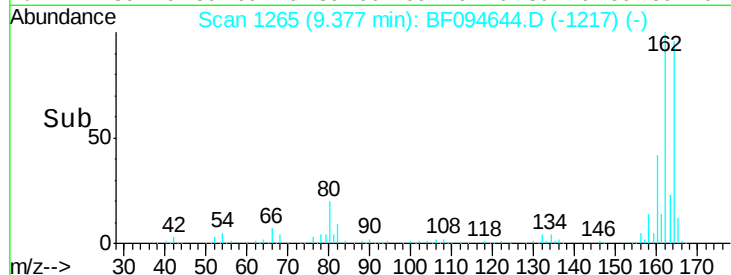
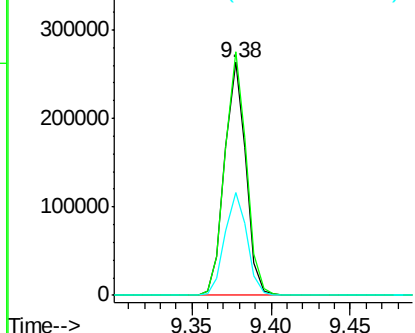
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.38 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF094644.D
Acq: 26 Apr 2017 14:04

Instrument :
BNA_F
ClientSampleId :
AREA3-COMP1

Tot Ion:164 Resp: 244671
Ion Ratio Lower Upper
164 100
162 104.5 82.6 123.8
160 44.2 36.2 54.2

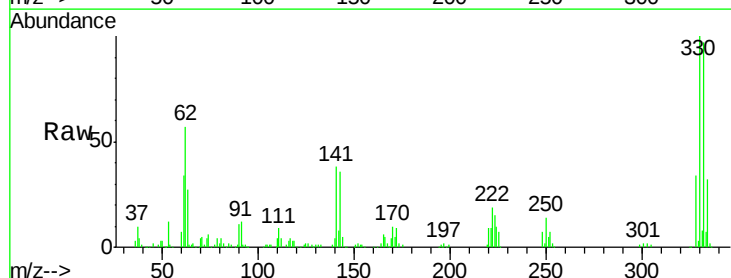


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

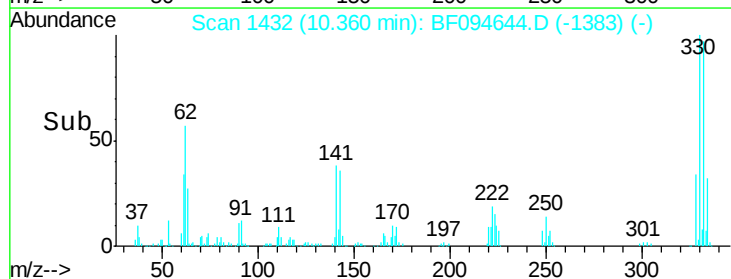
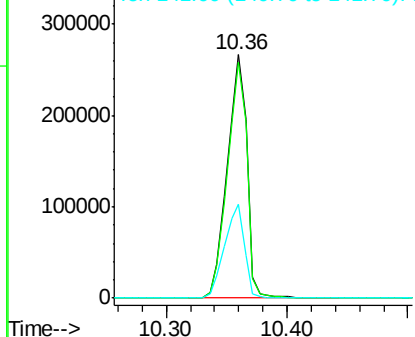


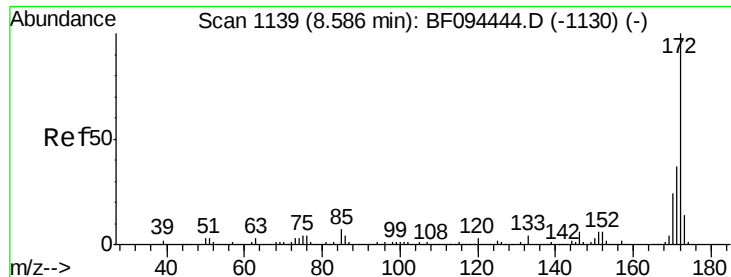
#41
2,4,6-Tribromophenol
Concen: 157.82 ng
RT: 10.36 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF094644.D
Acq: 26 Apr 2017 14:04

Tgt Ion:330 Resp: 302026
Ion Ratio Lower Upper
330 100
332 96.5 76.6 115.0
141 38.9 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



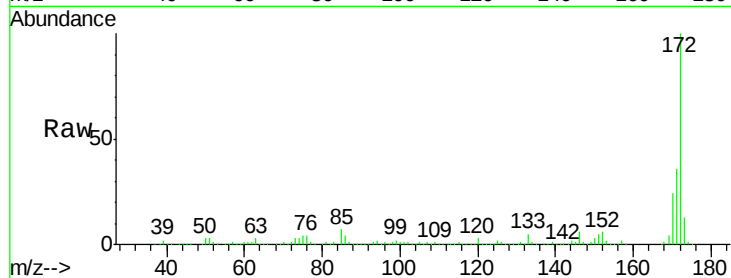


#44
 2-Fluorobiphenyl
 Concen: 85.33 ng
 RT: 8.57 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF094644.D
 Acq: 26 Apr 2017 14:04

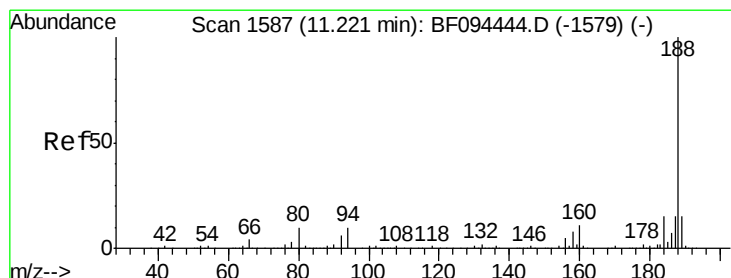
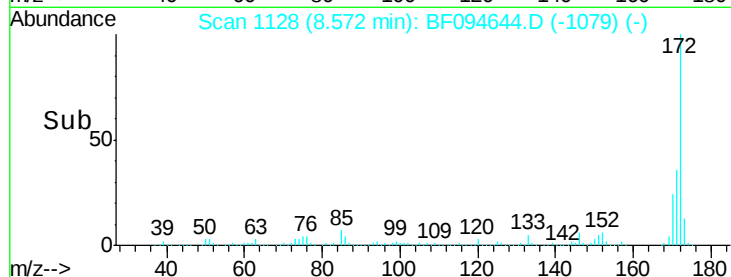
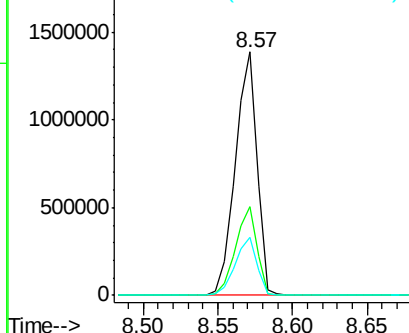
Instrument :
 BNA_F
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 AREA3-COMP1

Tot Ion:172 Resp: 1418907

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.6	19.8	29.8



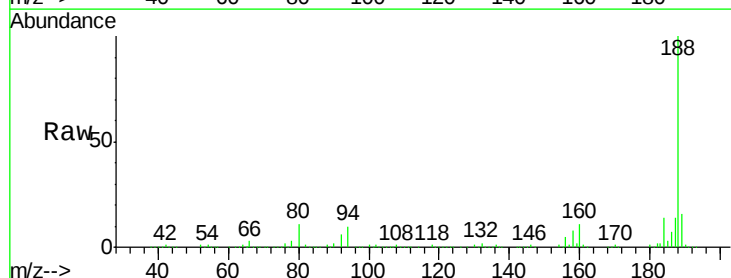
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



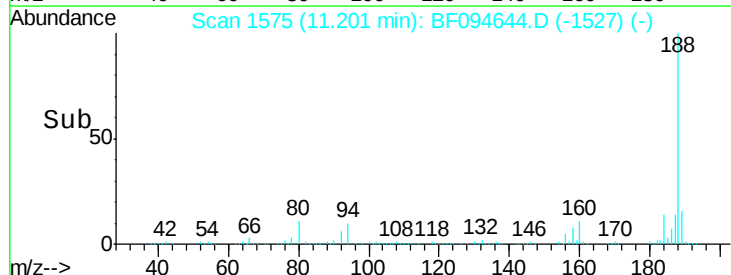
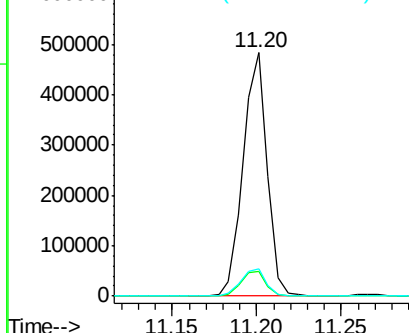
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF094644.D
 Acq: 26 Apr 2017 14:04

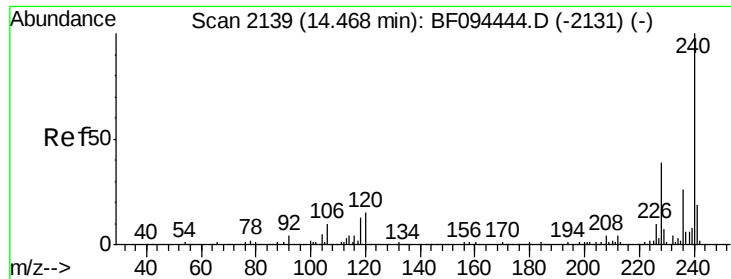
Tgt Ion:188 Resp: 480889

Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.4	14.2
80	11.3	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

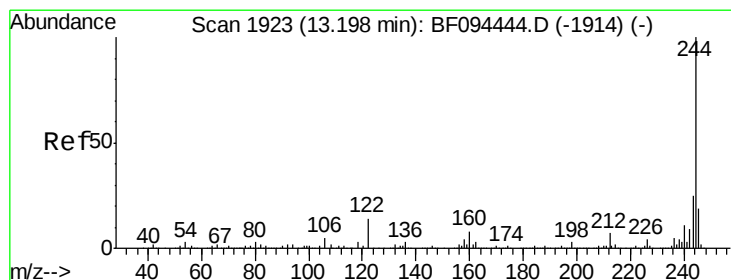
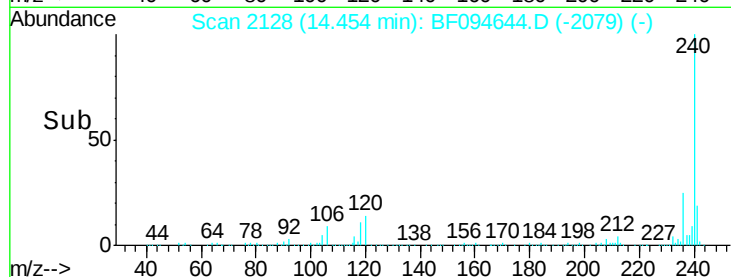
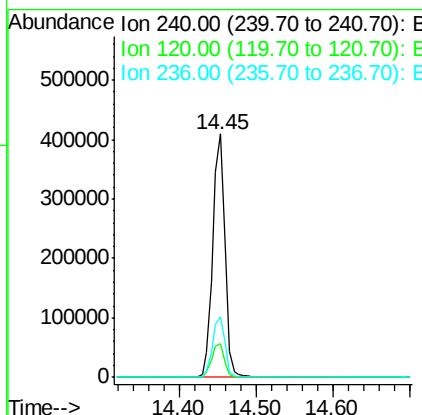
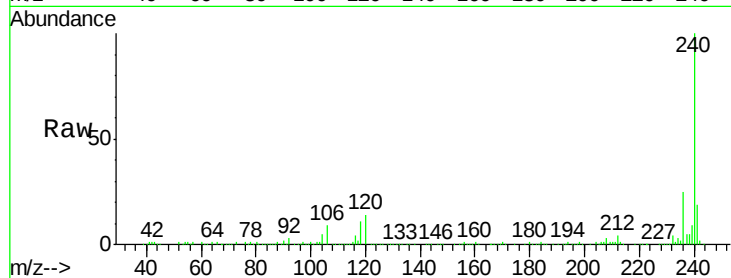




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.45 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BF094644.D
 Acq: 26 Apr 2017 14:04

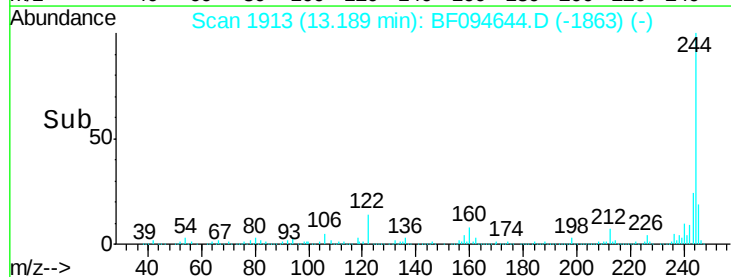
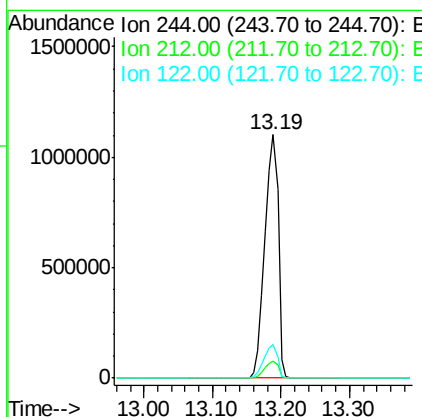
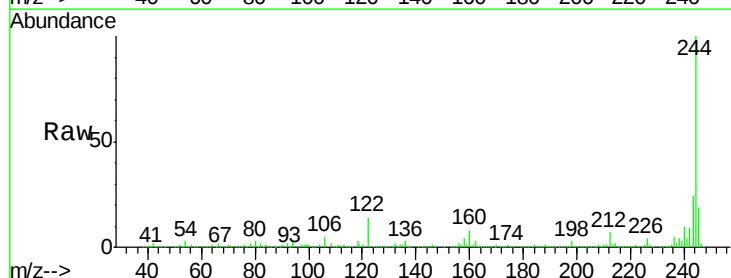
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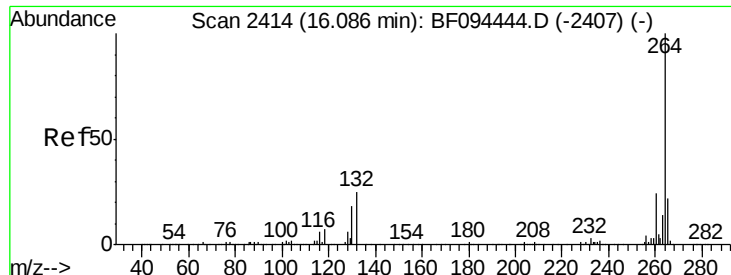
Tot Ion:240 Resp: 438541
 Ion Ratio Lower Upper
 240 100
 120 13.8 5.8 8.8#
 236 24.8 20.5 30.7



#78
 Terphenyl-d14
 Concen: 90.58 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF094644.D
 Acq: 26 Apr 2017 14:04

Tgt Ion:244 Resp: 1486183
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 13.9 10.3 15.5

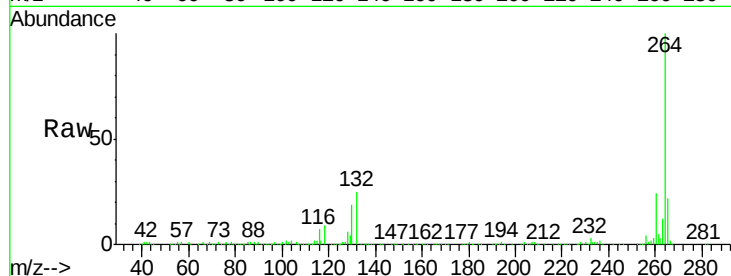




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BF094644.D
 Acq: 26 Apr 2017 14:04

Instrument :
 BNA_F
 ClientSampleId :
 AREA3-COMP1

Tot Ion	Ion	Ratio	Lower	Upper
352537	264	100		
	260	23.6	19.5	29.3
	265	22.4	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

