

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032417\
 Data File : BF093915.D
 Acq On : 24 Mar 2017 19:19
 Operator : SJ/MA
 Sample : I2394-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP4

Quant Time: Mar 25 00:34:41 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

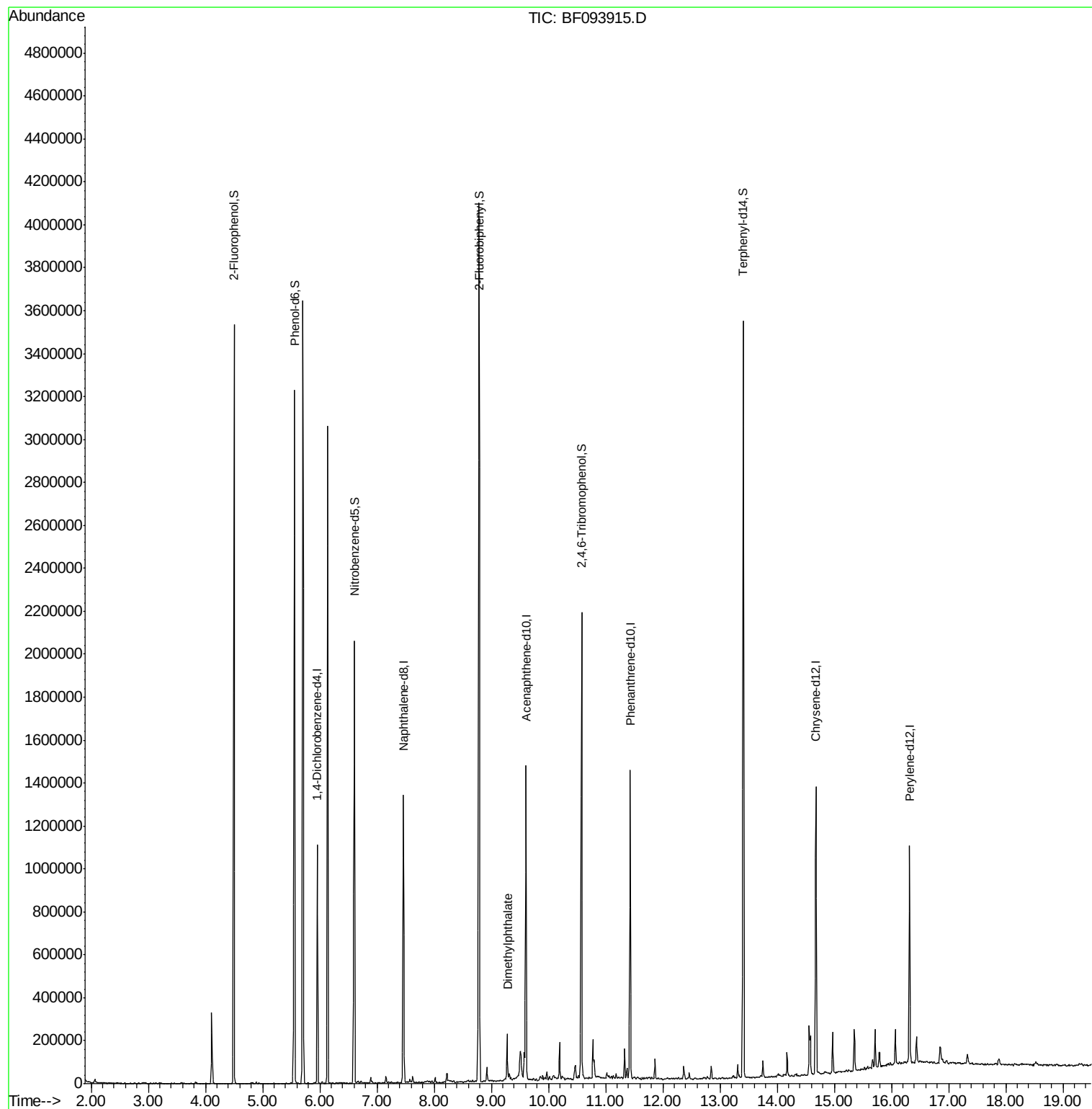
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.96	152	166588	20.00	ng	-0.03
21) Naphthalene-d8	7.46	136	684538	20.00	ng	-0.03
38) Acenaphthene-d10	9.60	164	321486	20.00	ng	-0.04
63) Phenanthrene-d10	11.43	188	576892	20.00	ng	-0.04
75) Chrysene-d12	14.68	240	500612	20.00	ng	-0.04
86) Perylene-d12	16.32	264	397489	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	4.50	112	1083306	109.83	ng	0.00
7) Phenol-d6	5.56	99	1386571	113.64	ng	-0.01
23) Nitrobenzene-d5	6.60	82	854345	71.23	ng	-0.04
41) 2,4,6-Tribromophenol	10.58	330	307176	120.91	ng	-0.03
44) 2-Fluorobiphenyl	8.79	172	1548457	73.47	ng	-0.04
78) Terphenyl-d14	13.41	244	1326097	59.38	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.28	163	95478	4.18	ng	Qvalue 96

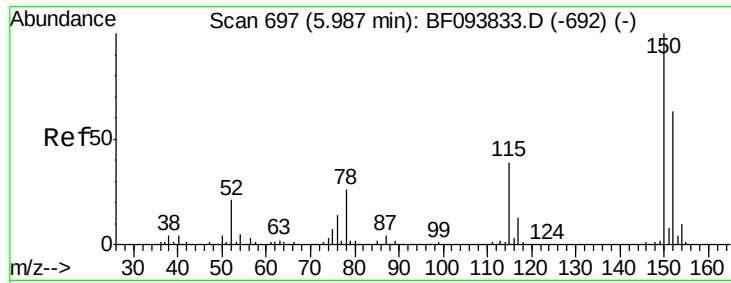
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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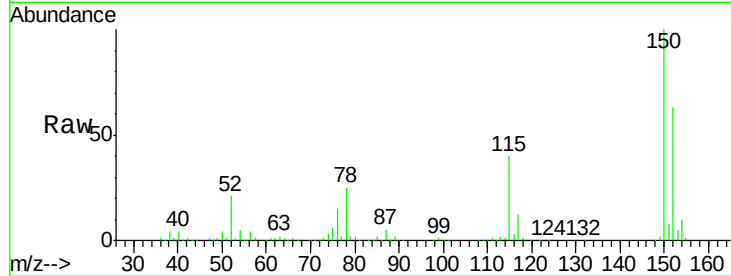


#1

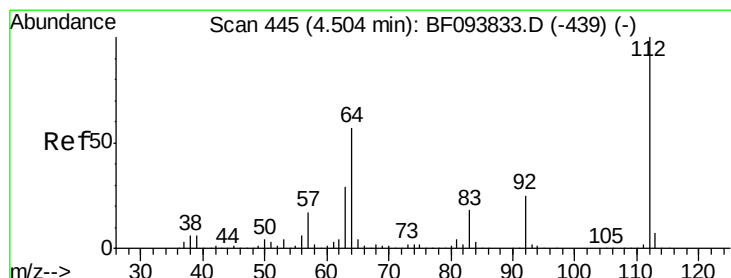
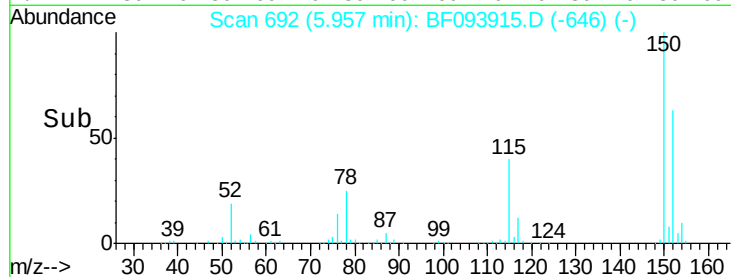
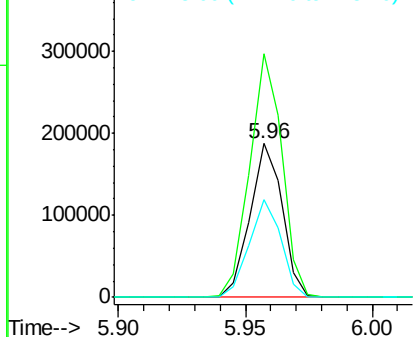
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.96 min Scan# 692
Delta R.T. -0.03 min
Lab File: BF093915.D
Acq: 24 Mar 2017 19:19

Instrument :
BNA_F
ClientSampleId :
COMP4

Tot Ion:152 Resp: 166588
Ion Ratio Lower Upper
152 100
150 158.6 126.2 189.2
115 63.3 52.2 78.2



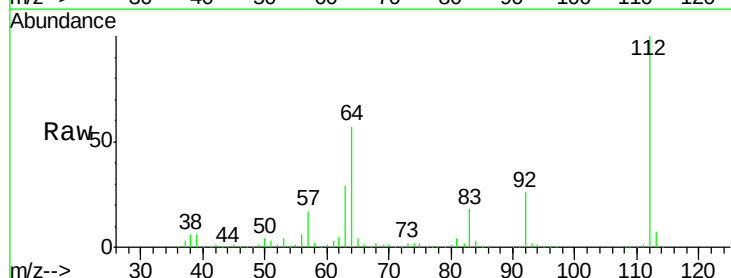
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



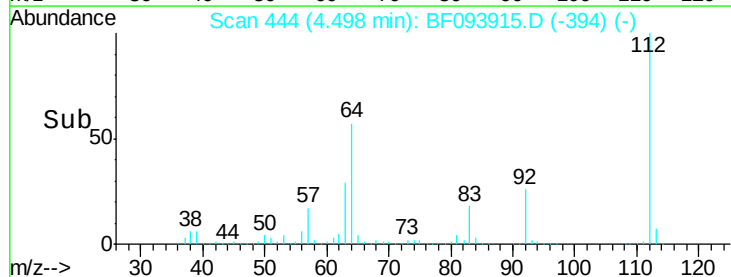
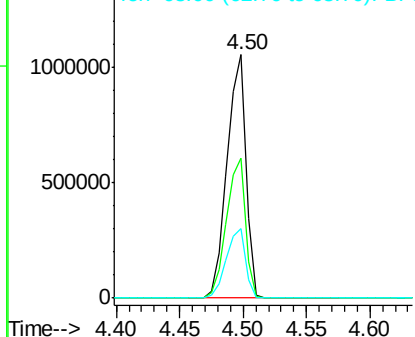
#5

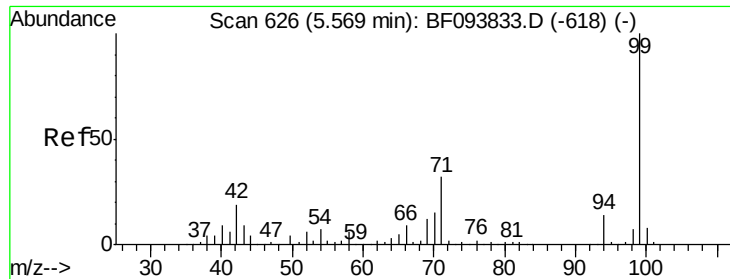
2-Fluorophenol
Concen: 109.83 ng
RT: 4.50 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF093915.D
Acq: 24 Mar 2017 19:19

Tgt Ion:112 Resp: 1083306
Ion Ratio Lower Upper
112 100
64 57.2 46.0 69.0
63 28.7 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: 113.64 ng

RT: 5.56 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF093915.D

Acq: 24 Mar 2017 19:19

Instrument :

BNA_F

ClientSampleId :

COMP4

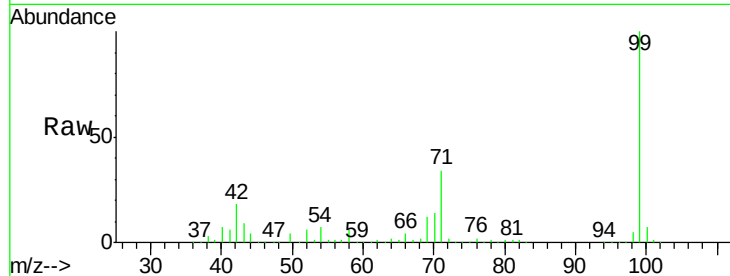
Tot Ion: 99 Resp: 1386571

Ion	Ratio	Lower	Upper
99	100		
42	18.0	13.5	20.3
71	33.8	24.5	36.7

99 100

42 18.0 13.5 20.3

71 33.8 24.5 36.7

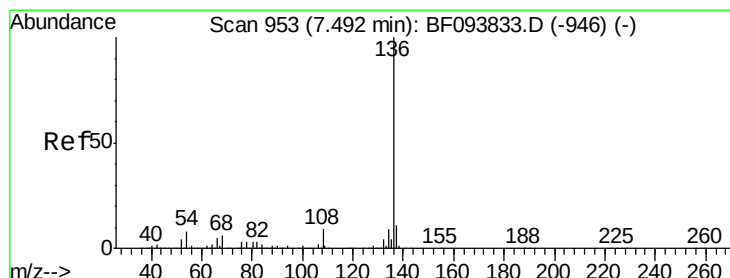
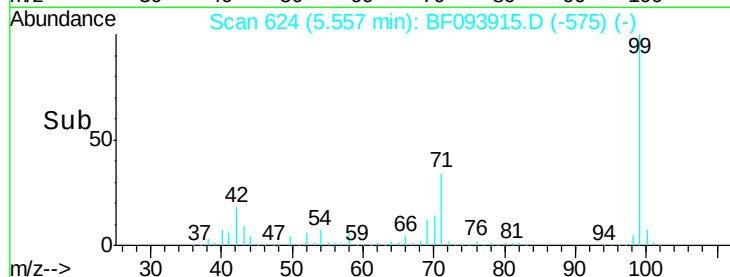
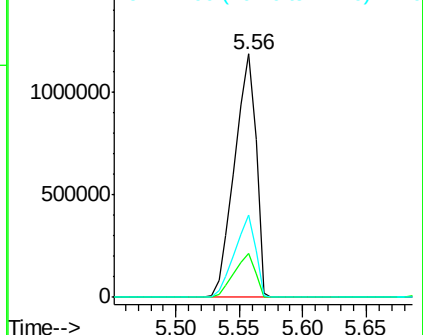


Abundance

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: 7.46 min Scan# 948

Delta R.T. -0.03 min

Lab File: BF093915.D

Acq: 24 Mar 2017 19:19

Tgt Ion: 136 Resp: 684538

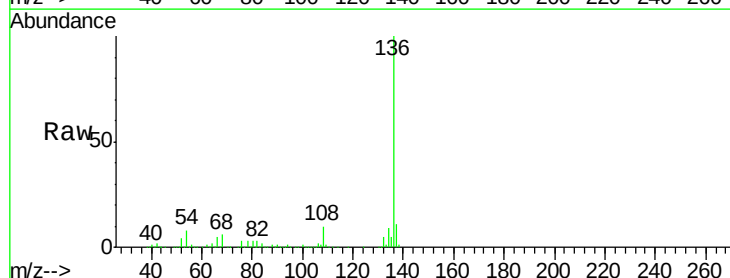
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.6	4.9	7.3#
68	6.2	4.1	6.1#

136 100

137 11.1 8.5 12.7

54 7.6 4.9 7.3#

68 6.2 4.1 6.1#



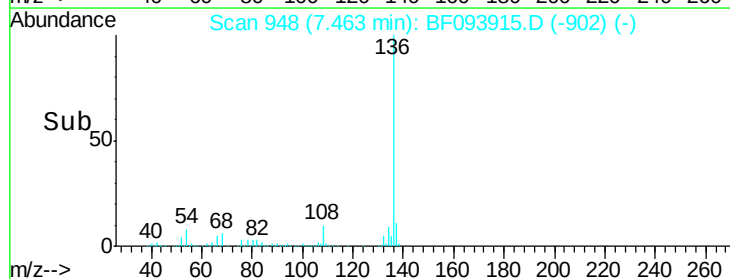
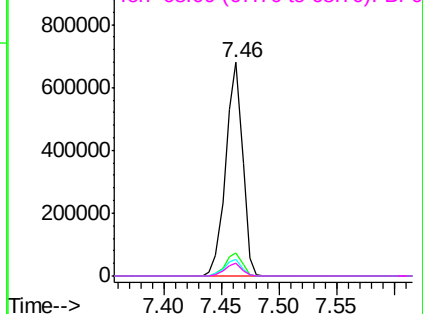
Abundance

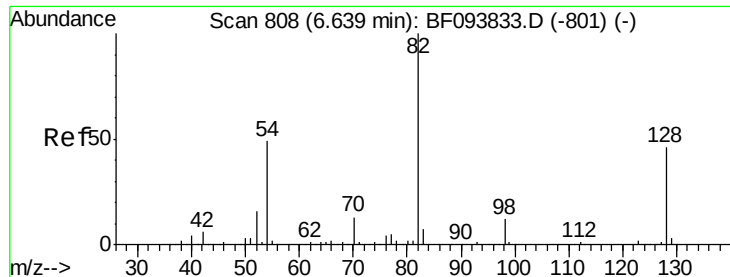
Ion 136.00 (135.70 to 136.70): E

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

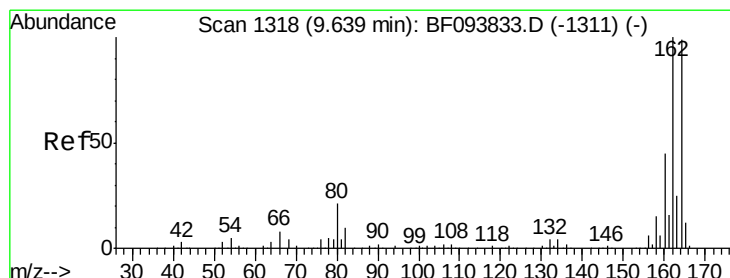
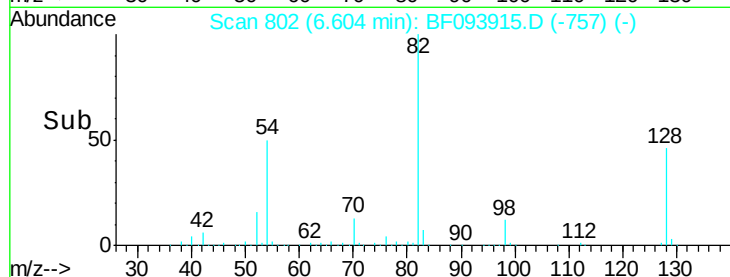
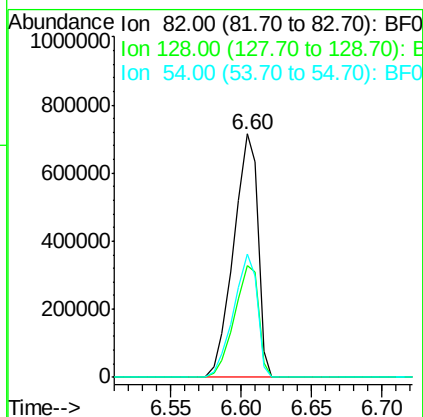
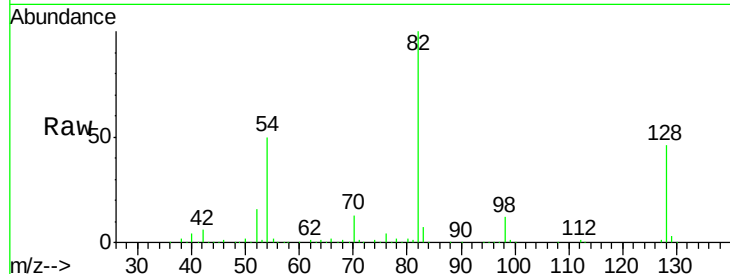




#23
Nitrobenzene-d5
Concen: 71.23 ng
RT: 6.60 min Scan# 802
Delta R.T. -0.04 min
Lab File: BF093915.D
Acq: 24 Mar 2017 19:19

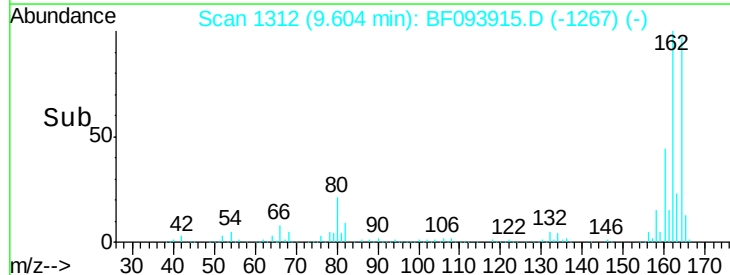
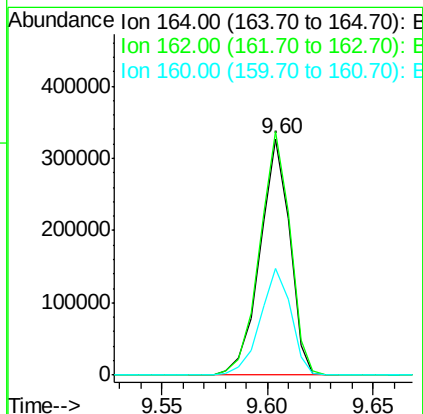
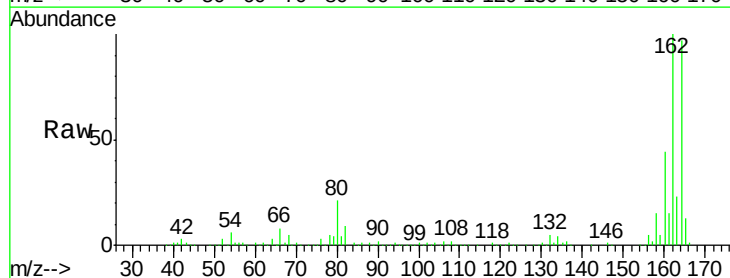
Instrument :
BNA_F
ClientSampleId :
COMP4

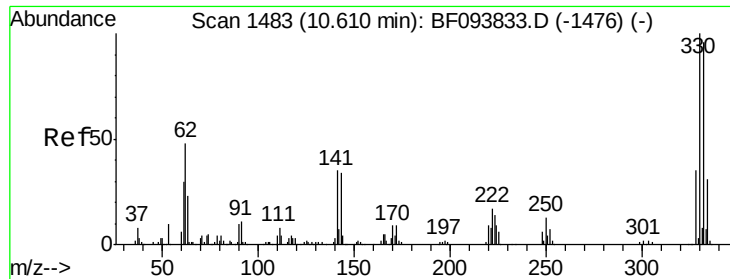
Tot Ion	82	Resp	854345
Ion Ratio	Lower	Upper	
82	100		
128	46.0	34.0	51.0
54	50.4	42.2	63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 1312
Delta R.T. -0.04 min
Lab File: BF093915.D
Acq: 24 Mar 2017 19:19

Tgt Ion	164	Resp	321486
Ion Ratio	Lower	Upper	
164	100		
162	103.1	82.6	123.8
160	45.3	36.2	54.2

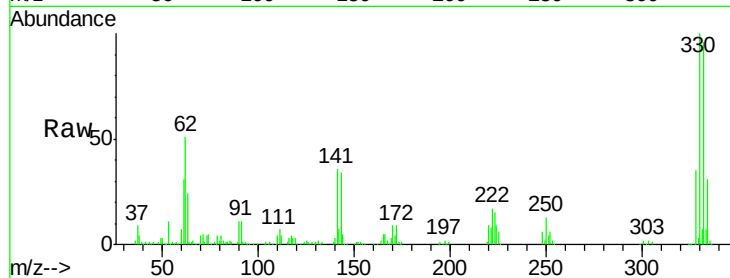




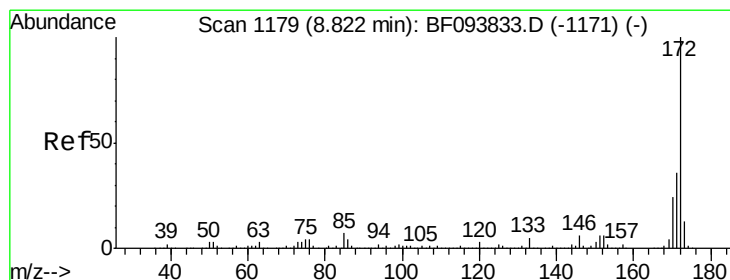
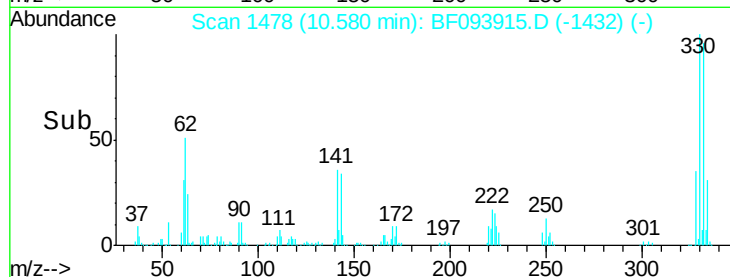
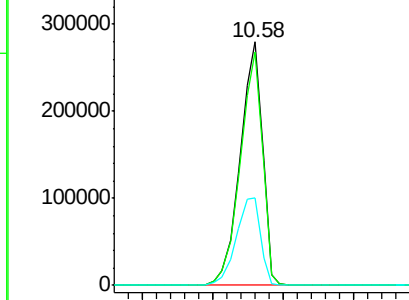
#41
 2,4,6-Tribromophenol
 Concen: 120.91 ng
 RT: 10.58 min Scan# 1478
 Delta R.T. -0.03 min
 Lab File: BF093915.D
 Acq: 24 Mar 2017 19:19

Instrument :
 BNA_F
 ClientSampleId :
 COMP4

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	39.8	31.4	47.2

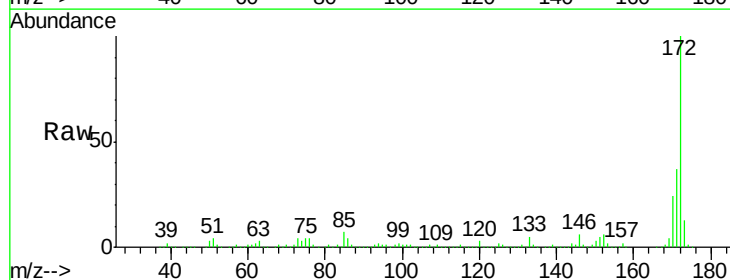


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

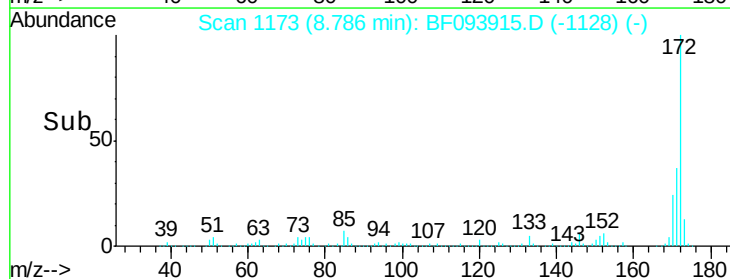
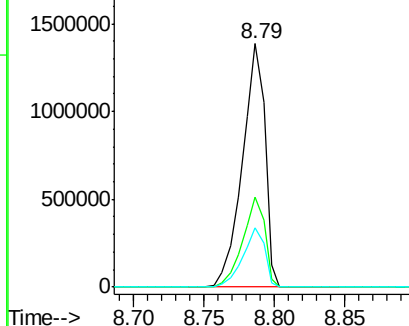


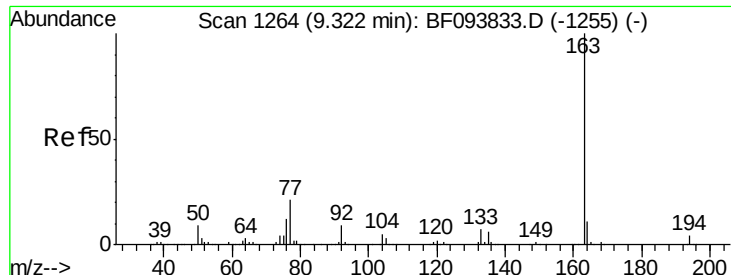
#44
 2-Fluorobiphenyl
 Concen: 73.47 ng
 RT: 8.79 min Scan# 1173
 Delta R.T. -0.04 min
 Lab File: BF093915.D
 Acq: 24 Mar 2017 19:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	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

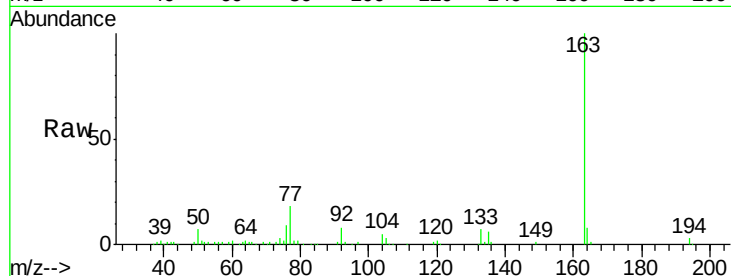




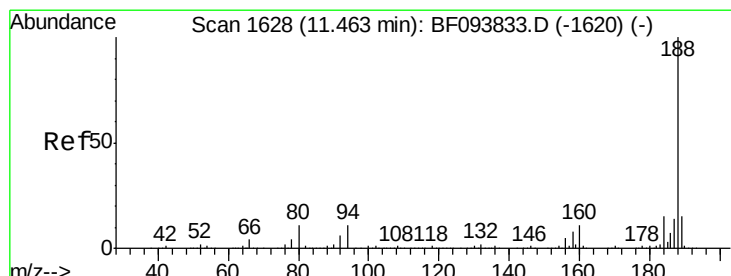
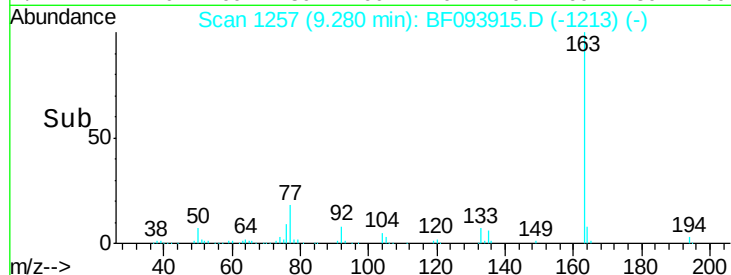
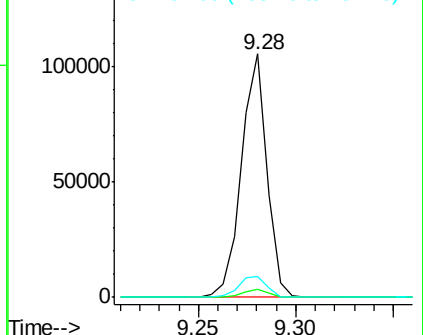
#49
Dimethylphthalate
Concen: 4.18 ng
RT: 9.28 min Scan# 1257
Delta R.T. -0.04 min
Lab File: BF093915.D
Acq: 24 Mar 2017 19:19

Instrument :
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COMP4

Tot Ion:163 Resp: 95478
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 8.4 8.4 12.6

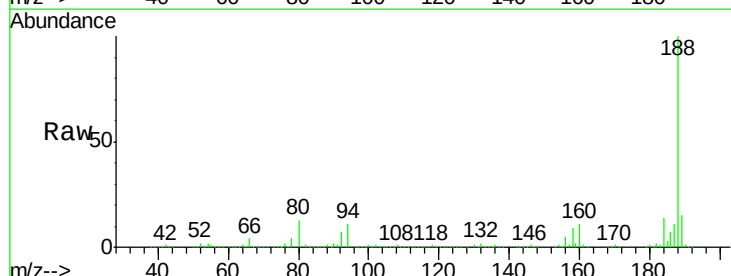


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

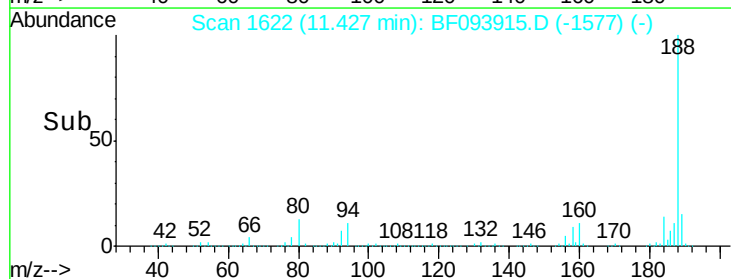
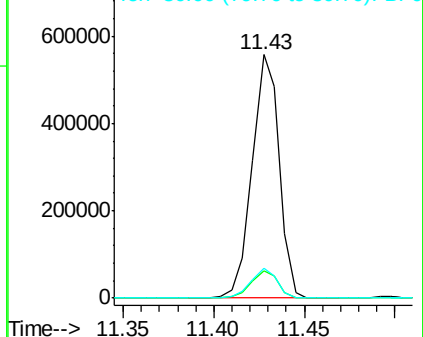


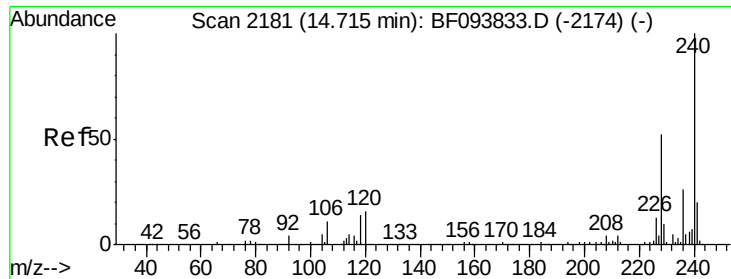
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 1622
Delta R.T. -0.04 min
Lab File: BF093915.D
Acq: 24 Mar 2017 19:19

Tgt Ion:188 Resp: 576892
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 12.5 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

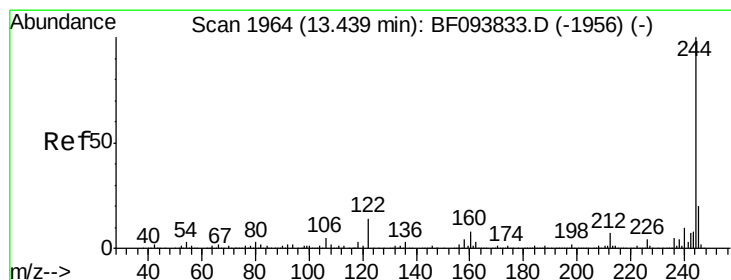
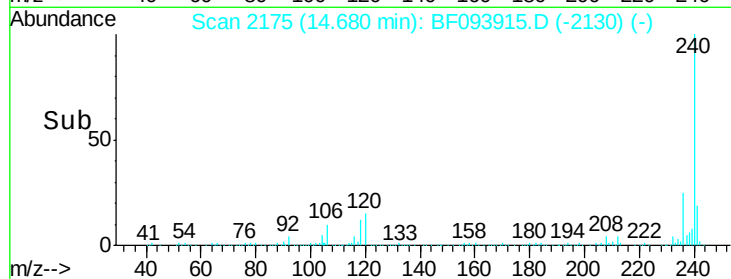
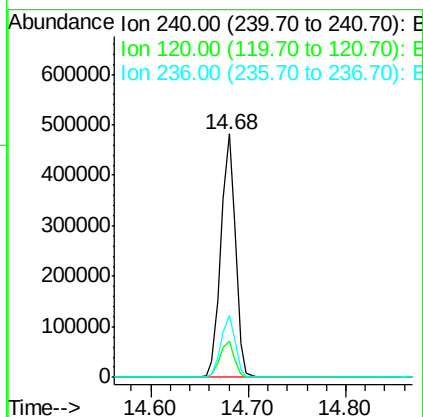
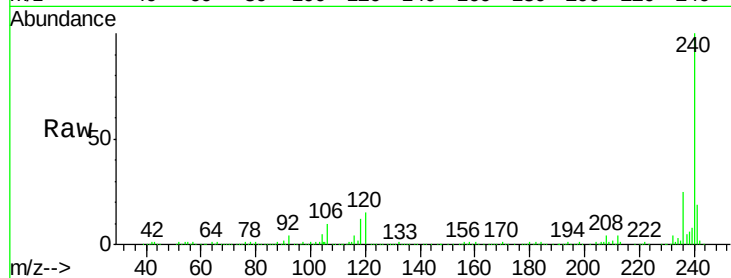




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.68 min Scan# 2175
 Delta R.T. -0.04 min
 Lab File: BF093915.D
 Acq: 24 Mar 2017 19:19

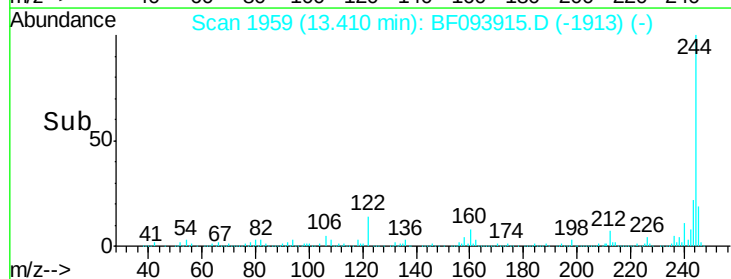
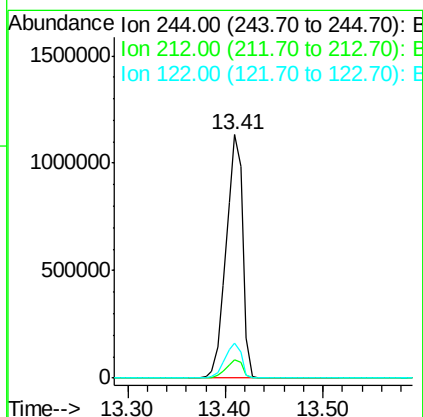
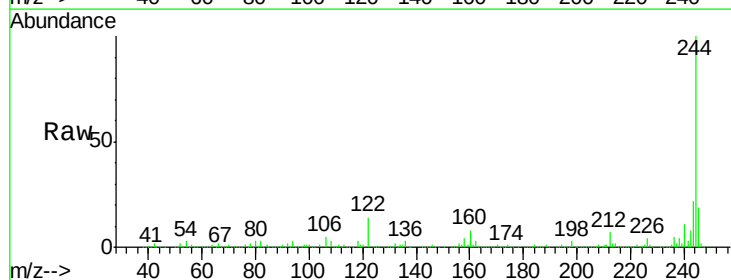
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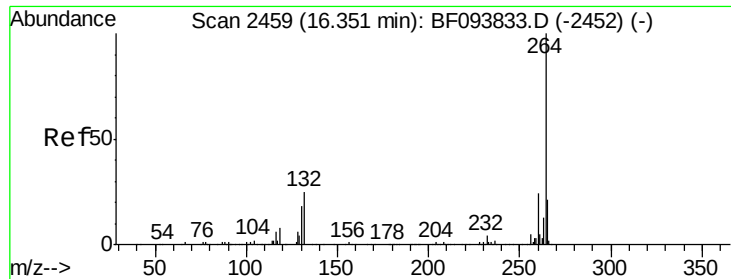
Tot Ion:240 Resp: 500612
 Ion Ratio Lower Upper
 240 100
 120 15.0 5.8 8.8#
 236 25.2 20.5 30.7



#78
 Terphenyl-d14
 Concen: 59.38 ng
 RT: 13.41 min Scan# 1959
 Delta R.T. -0.03 min
 Lab File: BF093915.D
 Acq: 24 Mar 2017 19:19

Tgt Ion:244 Resp: 1326097
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 14.3 10.3 15.5





#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.32 min Scan# 2453
Delta R.T. -0.04 min
Lab File: BF093915.D
Acq: 24 Mar 2017 19:19

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.3	17.2	25.8

