

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031517\
 Data File : BF093670.D
 Acq On : 15 Mar 2017 16:19
 Operator : SJ/MA
 Sample : I2264-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-WSW

Quant Time: Mar 16 02:08:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

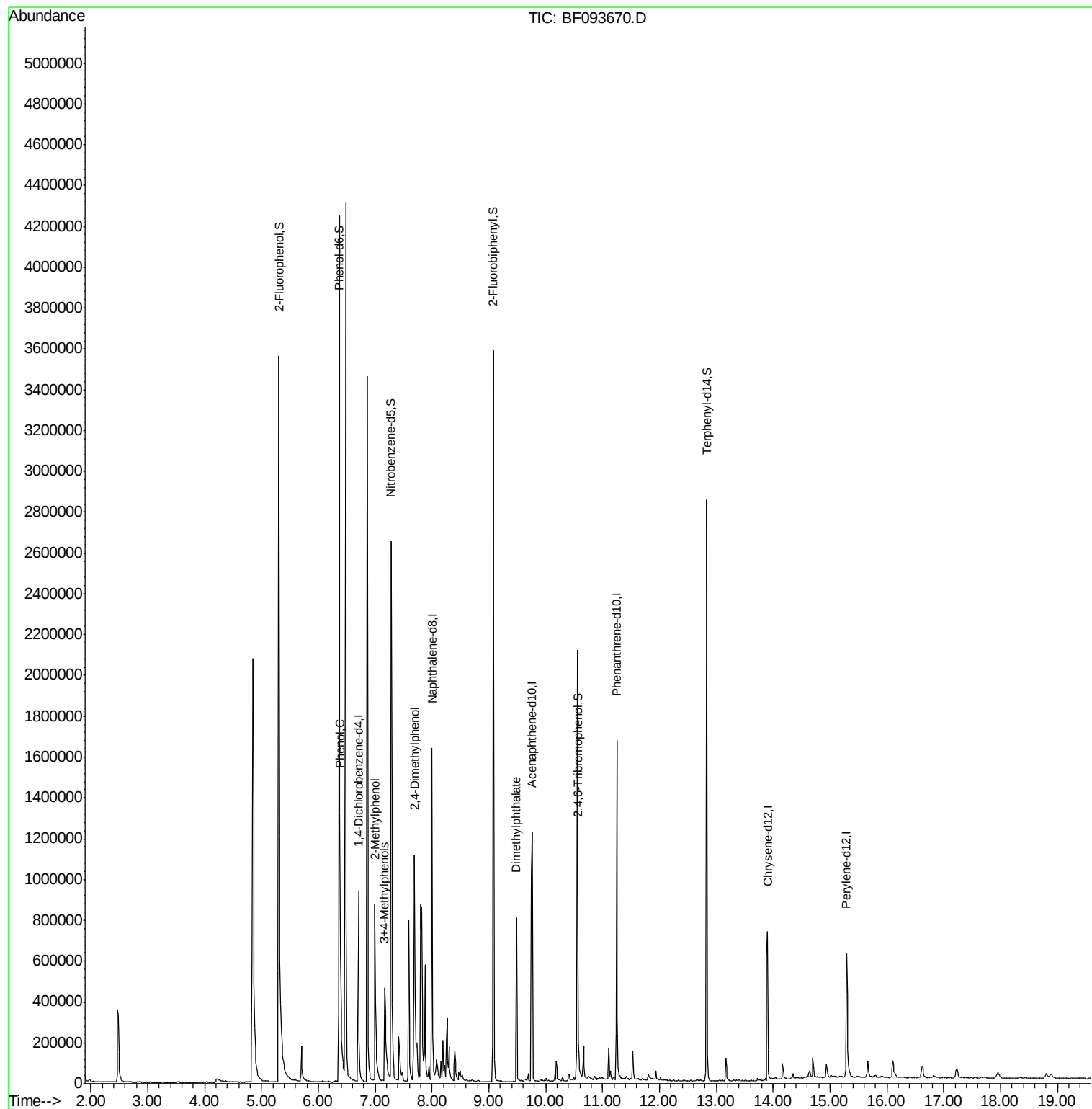
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	178843	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	719982	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	333561	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	609348	20.00	ng	0.00
75) Chrysene-d12	13.90	240	382816	20.00	ng	0.01
86) Perylene-d12	15.29	264	306942	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1358041	126.38	ng	-0.01
7) Phenol-d6	6.37	99	1675746	123.67	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1066864	82.22	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	275461	126.75	ng	0.01
44) 2-Fluorobiphenyl	9.08	172	1455837	81.18	ng	-0.01
78) Terphenyl-d14	12.84	244	1126966	76.54	ng	0.01
Target Compounds						
10) Phenol	6.38	94	145699	8.77	ng	Qvalue 89
17) 2-Methylphenol	7.00	107	217853	21.39	ng	97
20) 3+4-Methylphenols	7.17	107	220082	16.66	ng	# 74
27) 2,4-Dimethylphenol	7.69	122	349739	32.31	ng	92
49) Dimethylphthalate	9.49	163	329774	14.91	ng	100

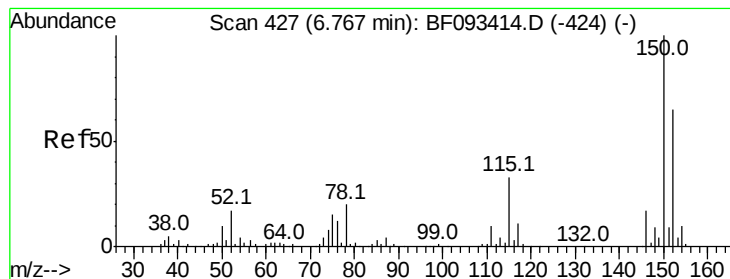
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031517\
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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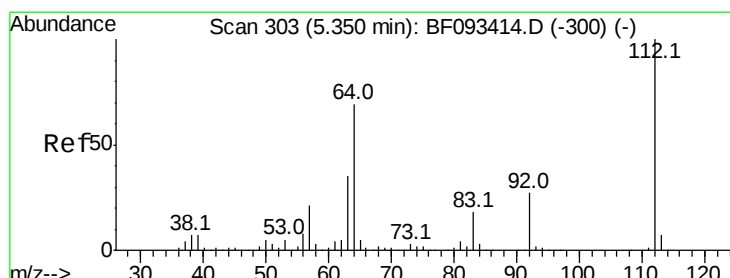
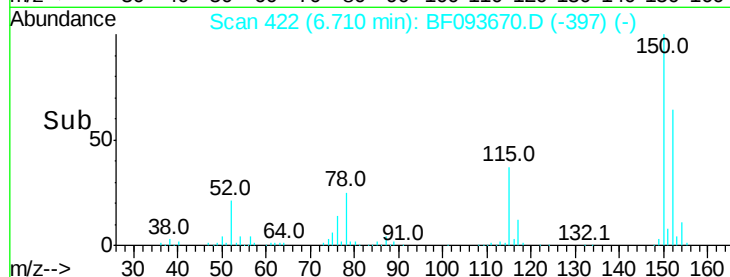
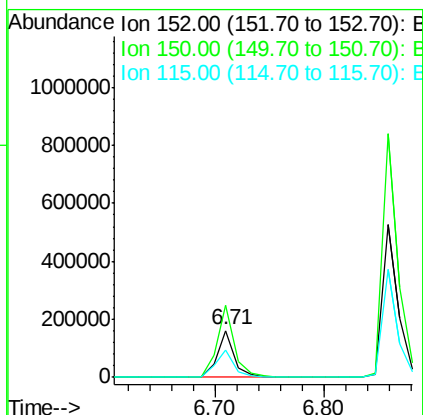
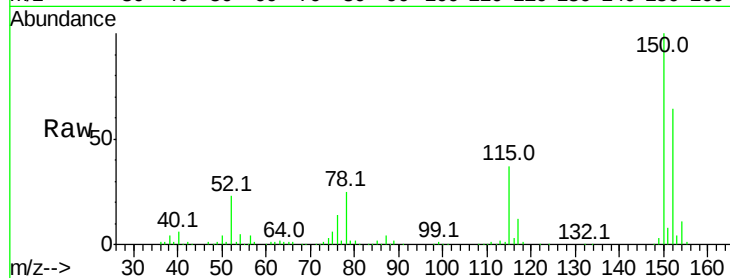


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF093670.D
Acq: 15 Mar 2017 16:19

Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSW

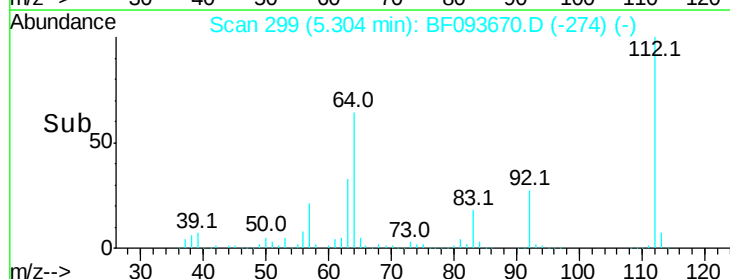
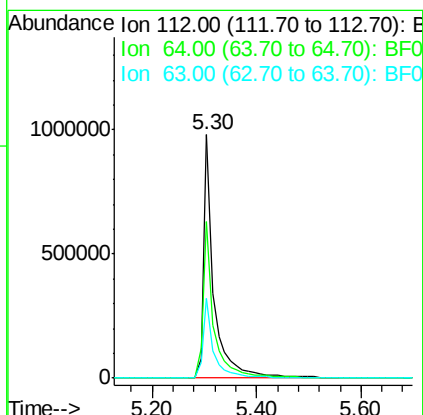
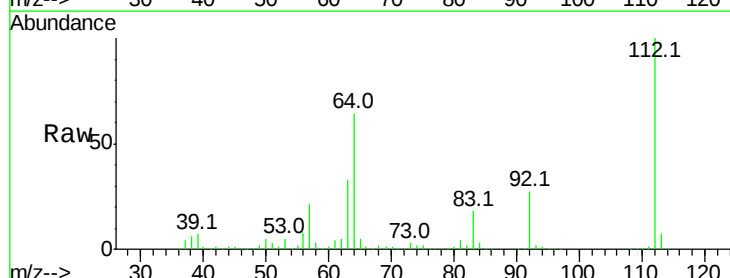
Tot Ion:152 Resp: 178843
Ion Ratio Lower Upper
152 100
150 155.5 124.9 187.3
115 57.8 46.0 69.0

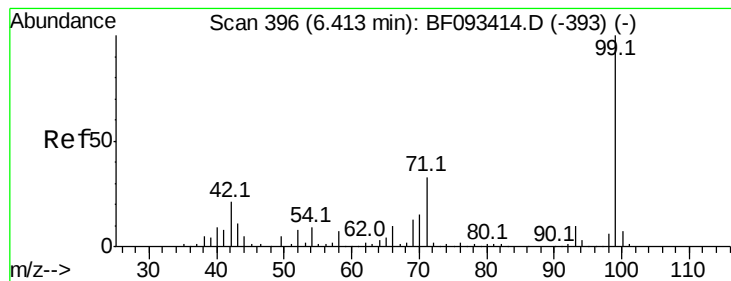


#5

2-Fluorophenol
Concen: 126.38 ng
RT: 5.30 min Scan# 299
Delta R.T. -0.01 min
Lab File: BF093670.D
Acq: 15 Mar 2017 16:19

Tgt Ion:112 Resp: 1358041
Ion Ratio Lower Upper
112 100
64 64.2 46.1 69.1
63 32.7 23.8 35.6





#7

Phenol-d6

Concen: 123.67 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093670.D

Acq: 15 Mar 2017 16:19

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSW

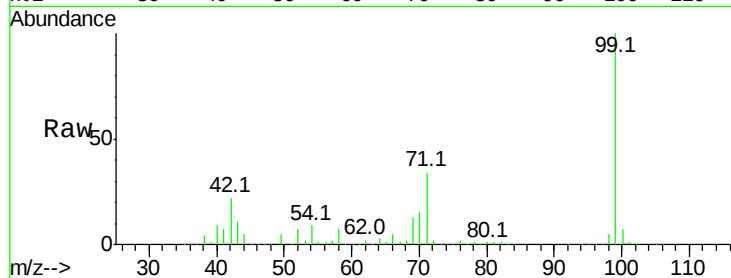
Tot Ion: 99 Resp: 1675746

Ion Ratio Lower Upper

99 100

42 21.6 15.6 23.4

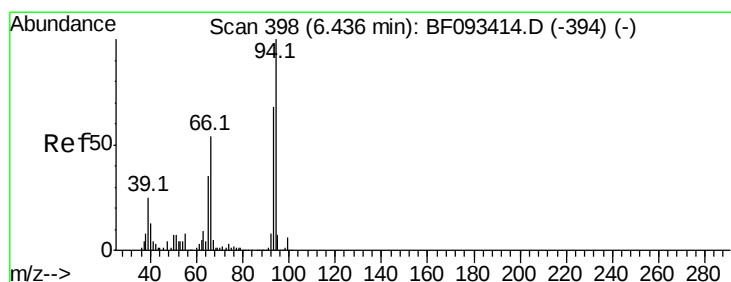
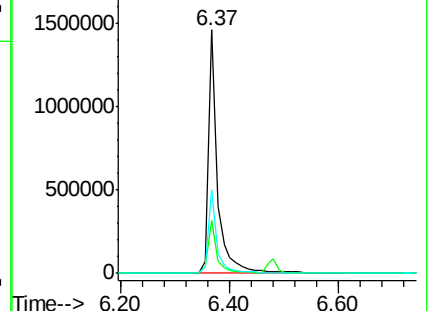
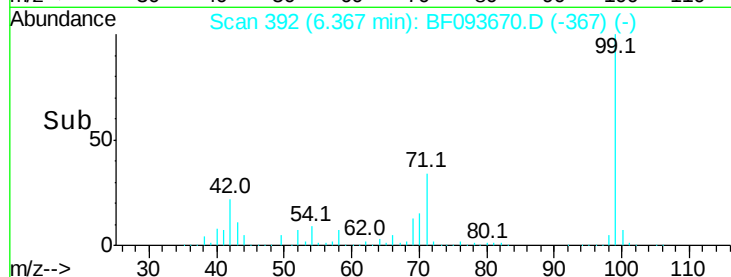
71 34.3 27.5 41.3



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: 8.77 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF093670.D

Acq: 15 Mar 2017 16:19

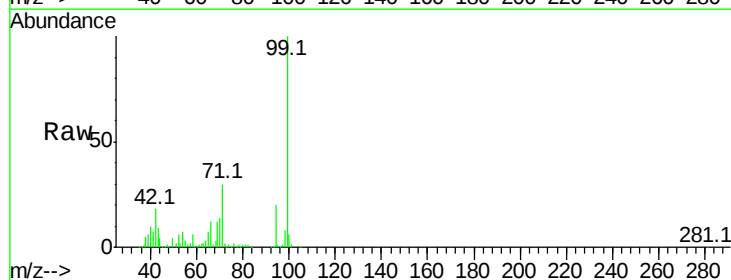
Tgt Ion: 94 Resp: 145699

Ion Ratio Lower Upper

94 100

65 32.4 21.4 61.4

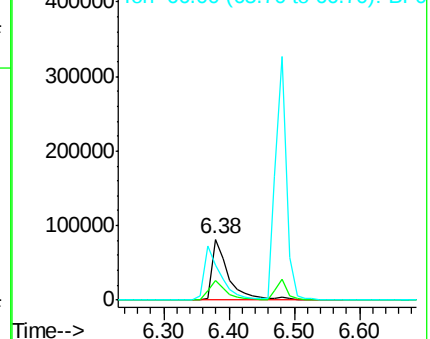
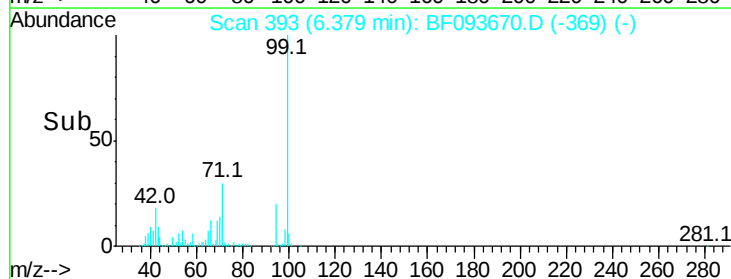
66 57.6 44.0 84.0

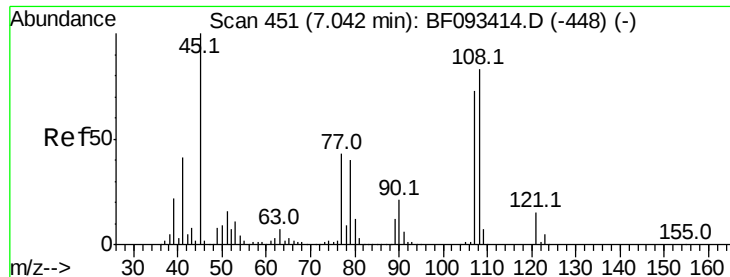


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#17

2-Methylphenol

Concen: 21.39 ng

RT: 7.00 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF093670.D

Acq: 15 Mar 2017 16:19

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSW

Tot Ion:107 Resp: 217853

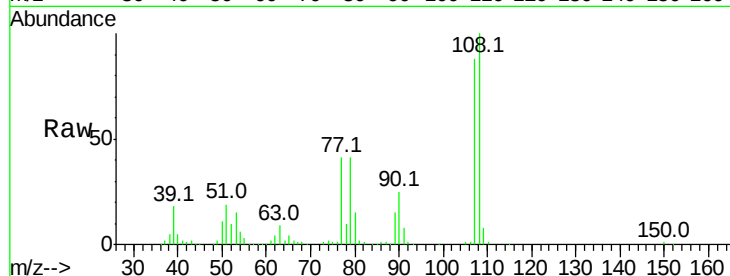
Ion Ratio Lower Upper

107 100

108 113.3 93.0 139.6

77 46.7 39.8 59.8

79 46.2 38.0 57.0

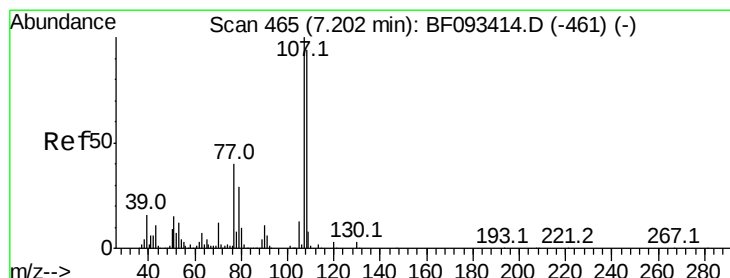
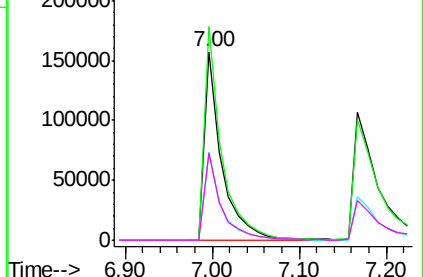
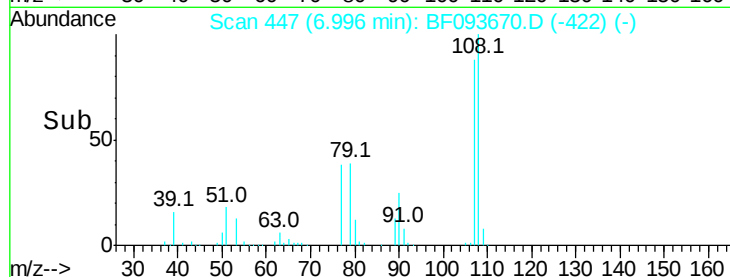


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#20

3+4-Methylphenols

Concen: 16.66 ng

RT: 7.17 min Scan# 462

Delta R.T. -0.00 min

Lab File: BF093670.D

Acq: 15 Mar 2017 16:19

Tgt Ion:107 Resp: 220082

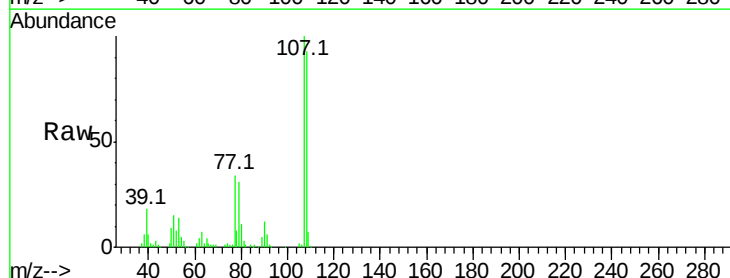
Ion Ratio Lower Upper

107 100

108 93.4 73.0 113.0

77 34.3 71.3 111.3#

79 31.1 11.1 51.1

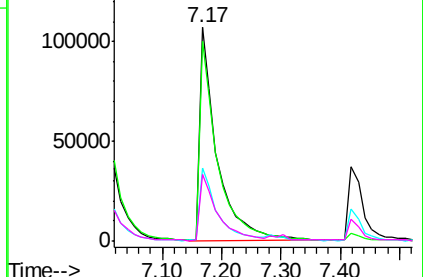
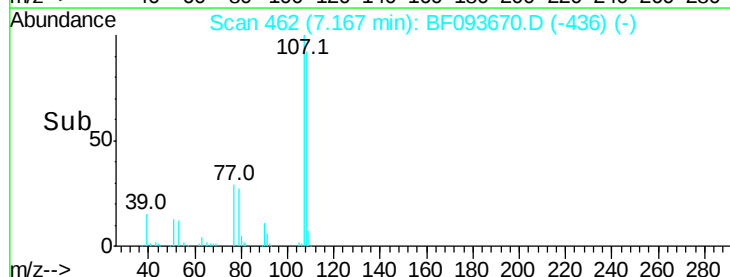


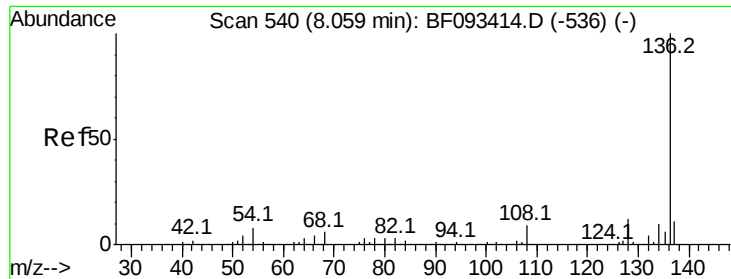
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

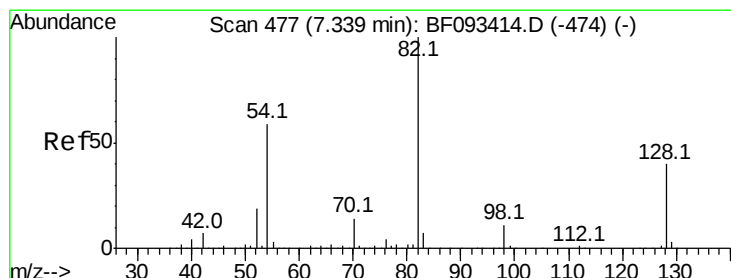
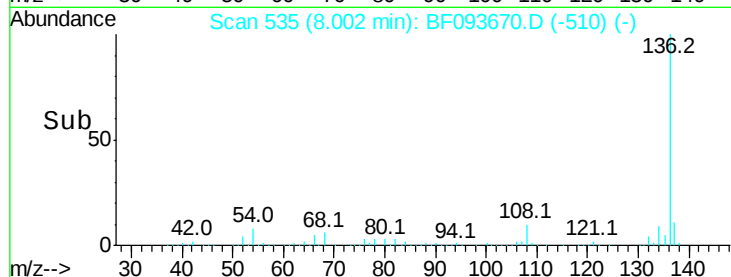
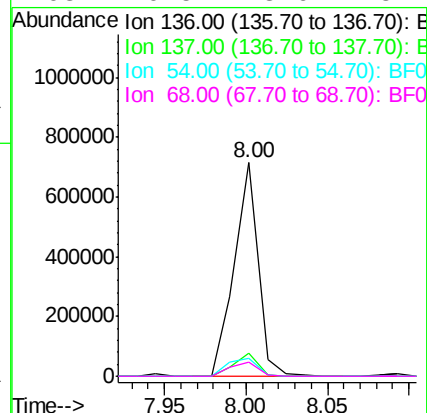
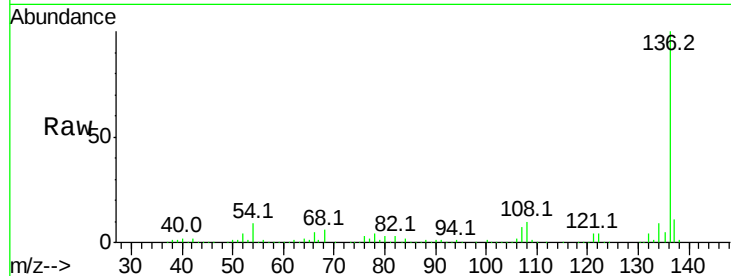




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093670.D
Acq: 15 Mar 2017 16:19

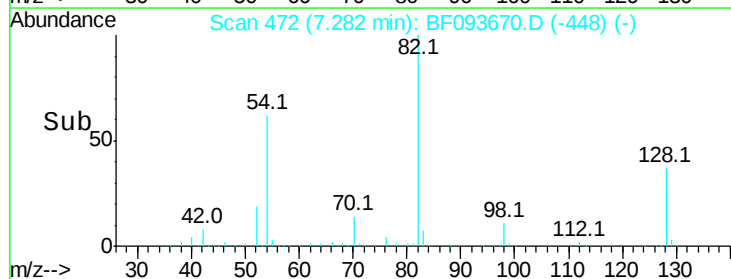
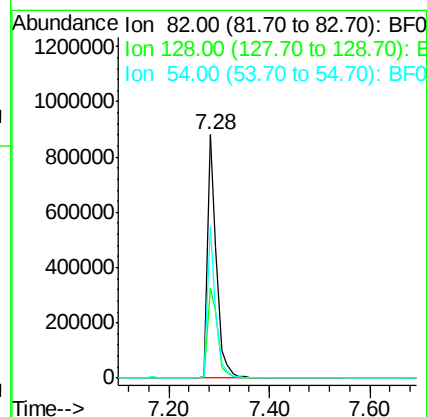
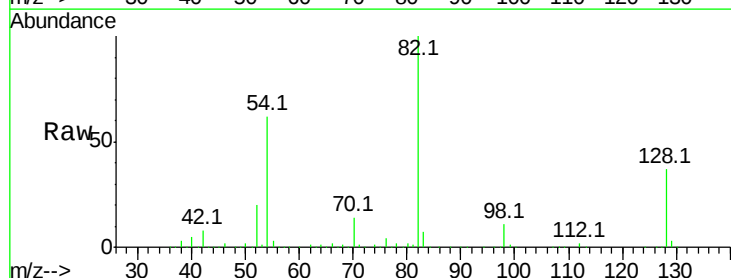
Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSW

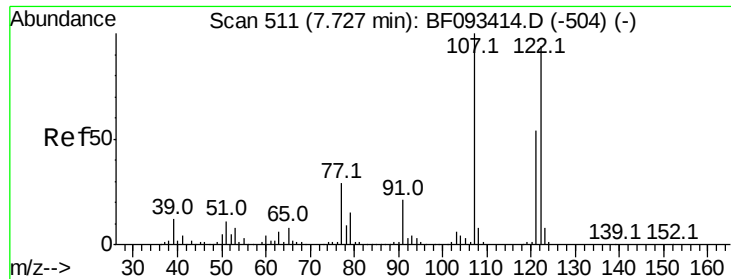
Tot Ion:	136	Resp:	719982
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	8.6	4.5	6.7#
68	6.5	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 82.22 ng
RT: 7.28 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF093670.D
Acq: 15 Mar 2017 16:19

Tgt Ion:	82	Resp:	1066864
Ion	Ratio	Lower	Upper
82	100		
128	36.7	34.6	52.0
54	62.0	39.5	59.3#

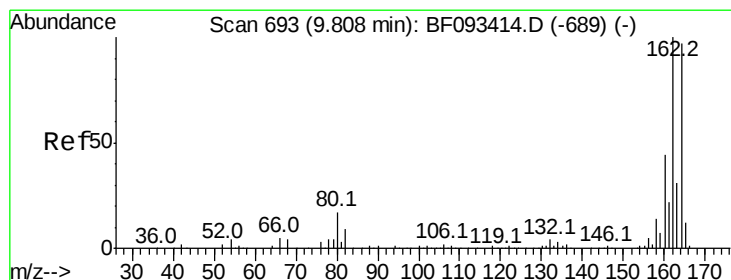
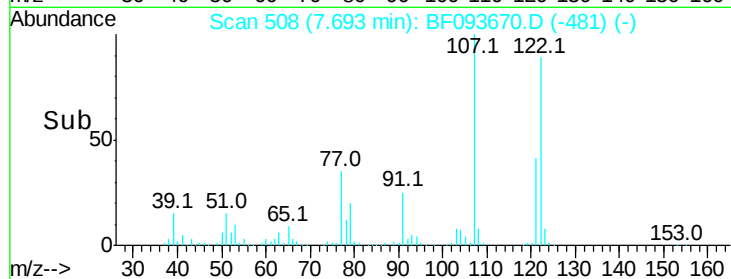
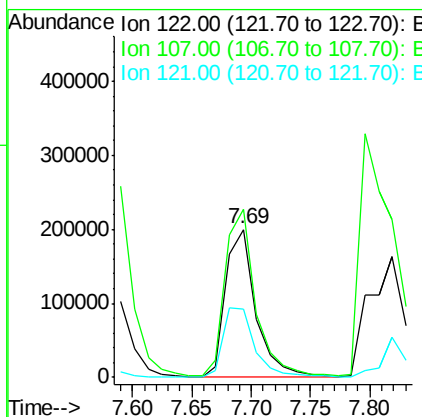
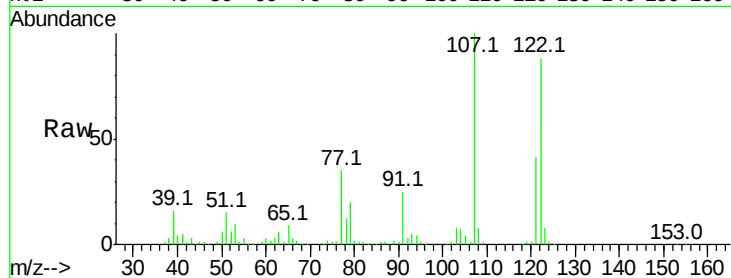




#27
 2,4-Dimethylphenol
 Concen: 32.31 ng
 RT: 7.69 min Scan# 508
 Delta R.T. 0.01 min
 Lab File: BF093670.D
 Acq: 15 Mar 2017 16:19

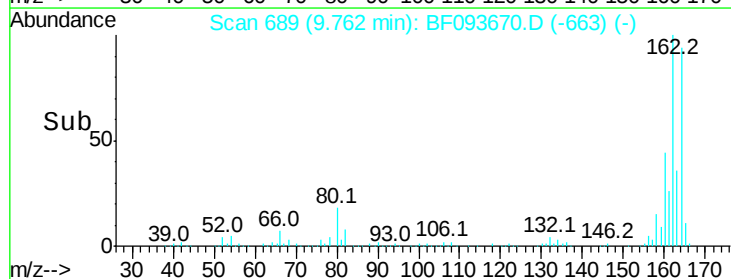
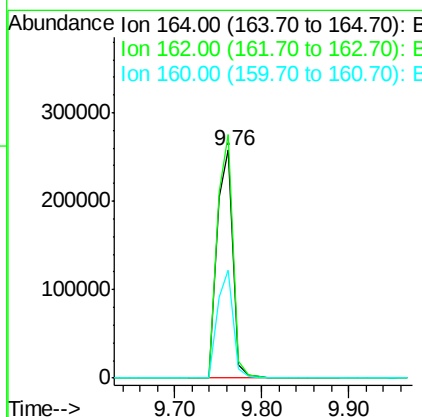
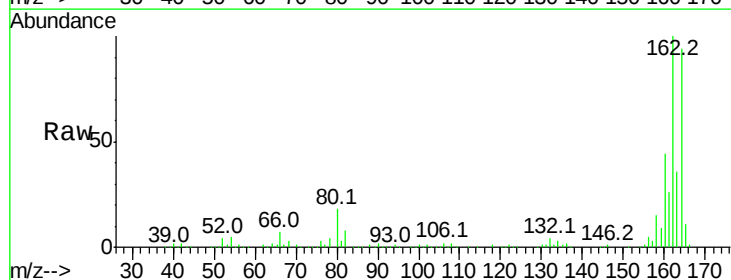
Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-WSW

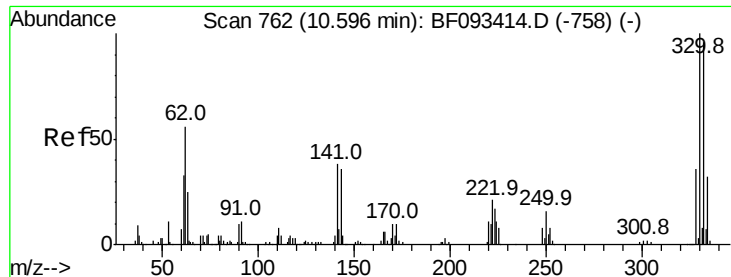
Tot Ion:122 Resp: 349739
 Ion Ratio Lower Upper
 122 100
 107 113.3 94.1 141.1
 121 46.3 46.0 69.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: BF093670.D
 Acq: 15 Mar 2017 16:19

Tgt Ion:164 Resp: 333561
 Ion Ratio Lower Upper
 164 100
 162 106.9 80.2 120.2
 160 47.2 36.9 55.3

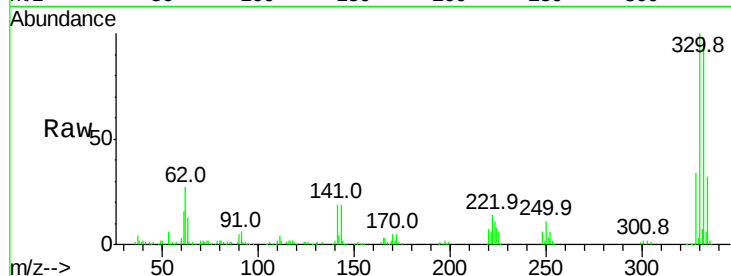




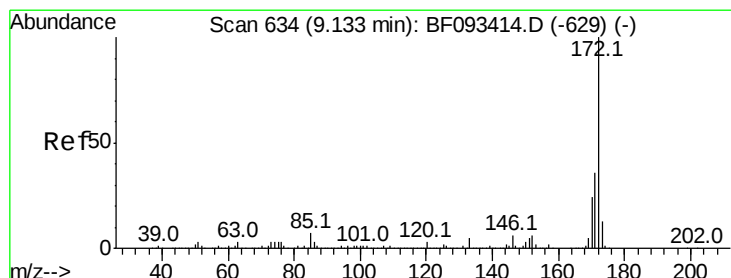
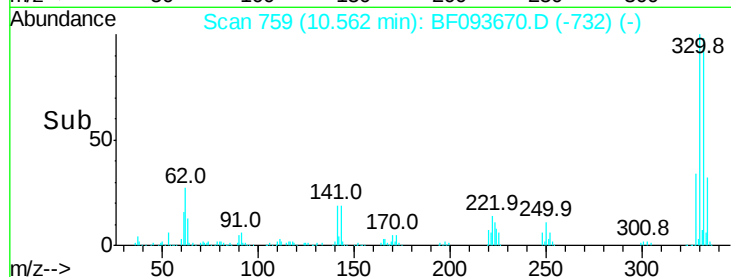
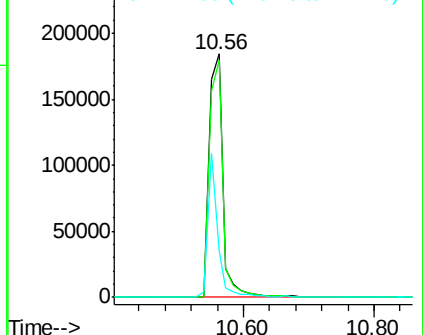
#41
 2,4,6-Tribromophenol
 Concen: 126.75 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093670.D
 Acq: 15 Mar 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-WSW

Tot Ion:330 Resp: 275461
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.4 116.2
 141 41.8 34.1 51.1

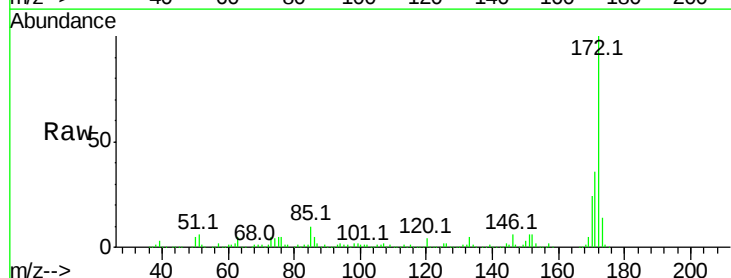


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

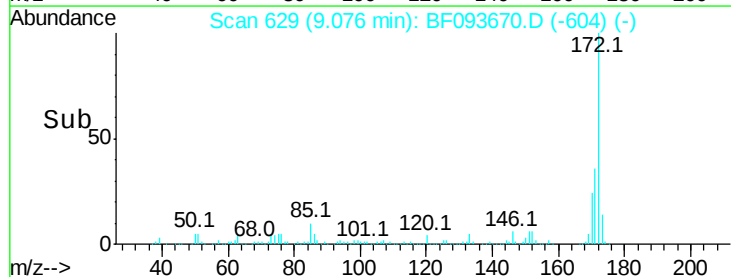
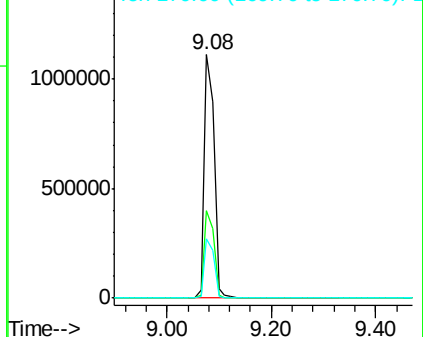


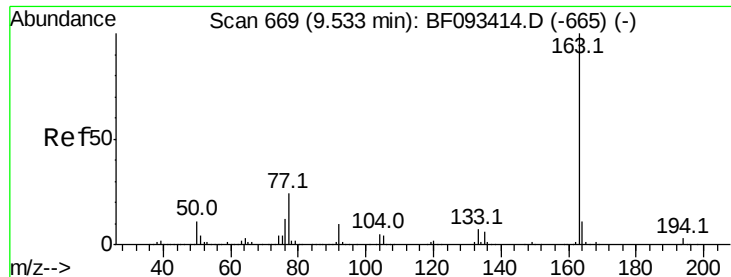
#44
 2-Fluorobiphenyl
 Concen: 81.18 ng
 RT: 9.08 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF093670.D
 Acq: 15 Mar 2017 16:19

Tgt Ion:172 Resp: 1455837
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.3 20.2 30.4



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

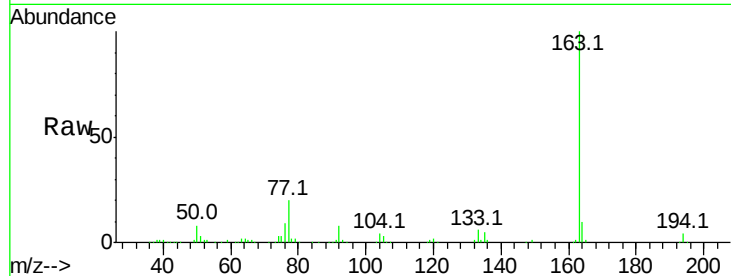




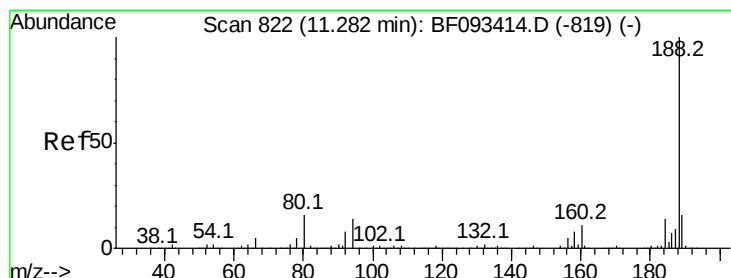
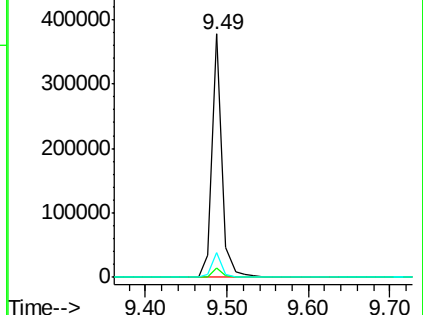
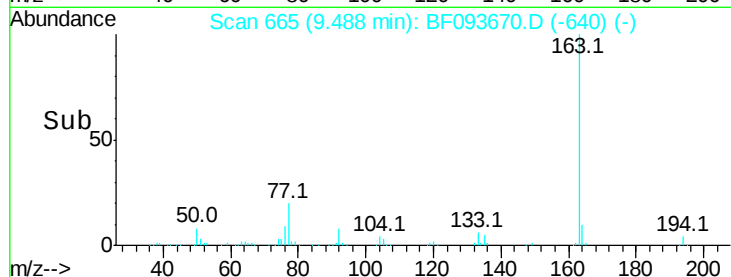
#49
Dimethylphthalate
Concen: 14.91 ng
RT: 9.49 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF093670.D
Acq: 15 Mar 2017 16:19

Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSW

Tot Ion:163 Resp: 329774
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.0 8.0 12.0

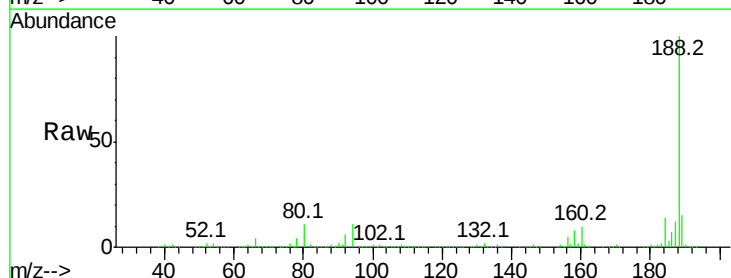


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

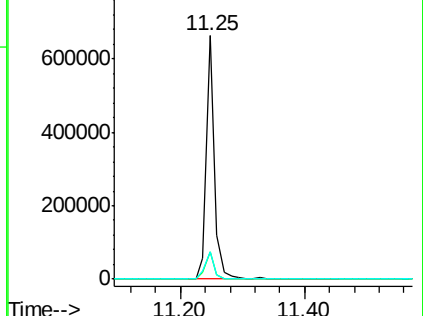
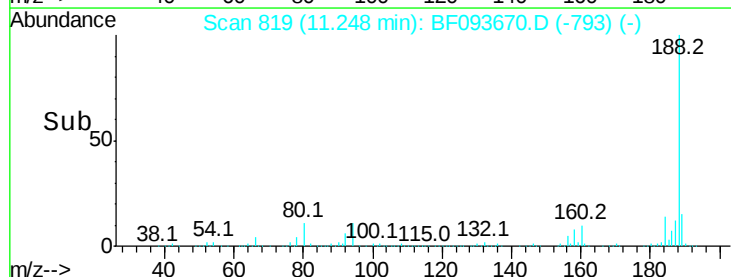


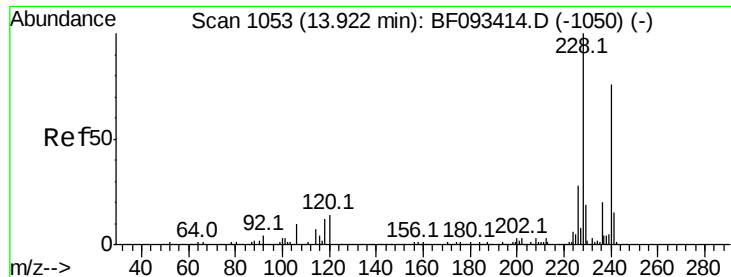
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF093670.D
Acq: 15 Mar 2017 16:19

Tgt Ion:188 Resp: 609348
Ion Ratio Lower Upper
188 100
94 11.0 10.0 15.0
80 11.1 11.2 16.8#



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: 13.90 min Scan# 1051

Delta R.T. 0.01 min

Lab File: BF093670.D

Acq: 15 Mar 2017 16:19

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSW

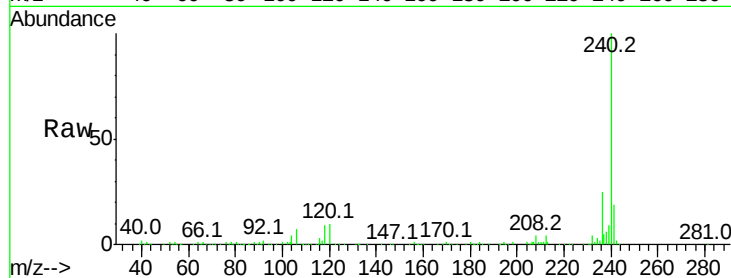
Tot Ion:240 Resp: 382816

Ion Ratio Lower Upper

240 100

120 10.1 12.9 19.3#

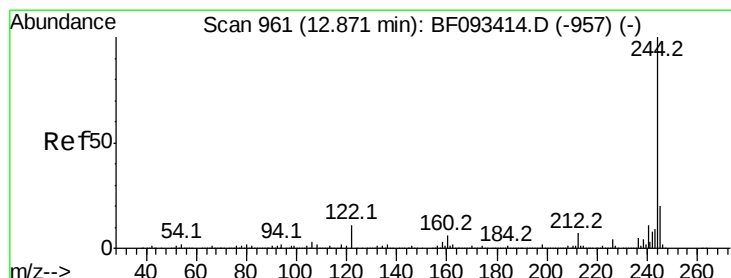
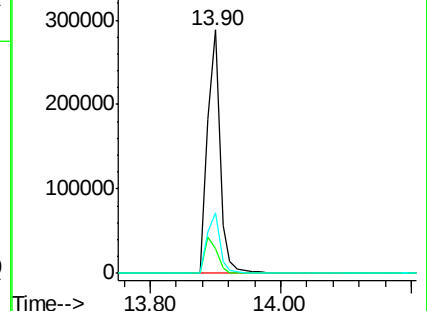
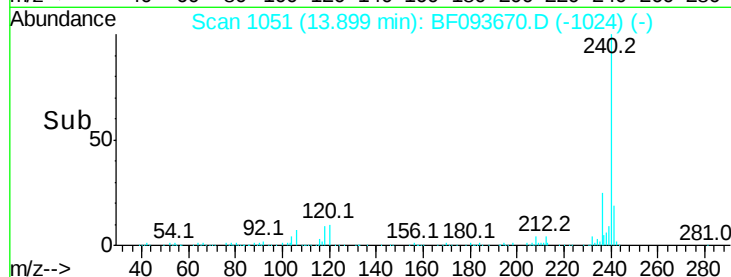
236 25.1 20.9 31.3



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: 76.54 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093670.D

Acq: 15 Mar 2017 16:19

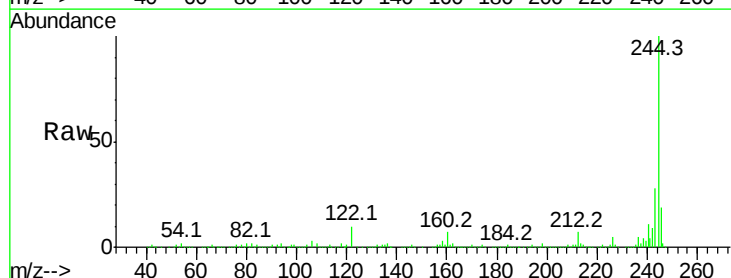
Tgt Ion:244 Resp: 1126966

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

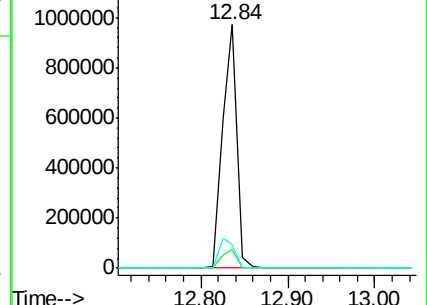
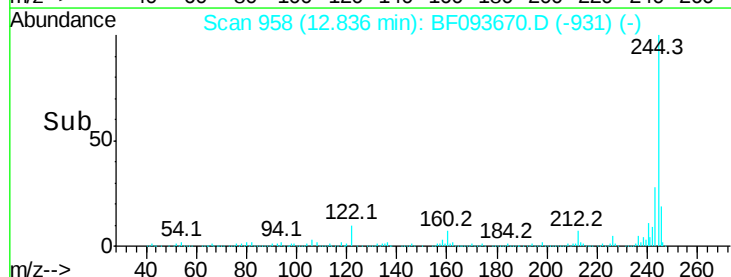
122 9.7 11.4 17.2#

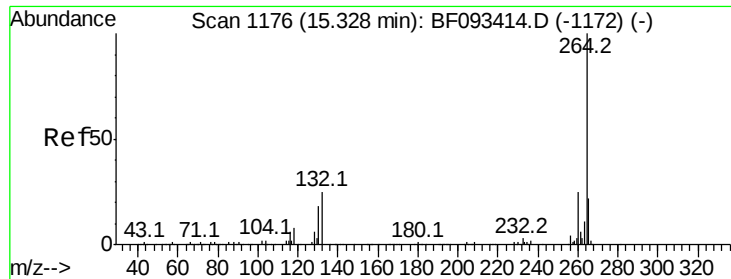


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BF093670.D
Acq: 15 Mar 2017 16:19

Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSW

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.8	17.4	26.0

