

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033017\
 Data File : BF094072.D
 Acq On : 30 Mar 2017 21:48
 Operator : SJ/MA
 Sample : I2417-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)

Quant Time: Mar 31 01:52:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

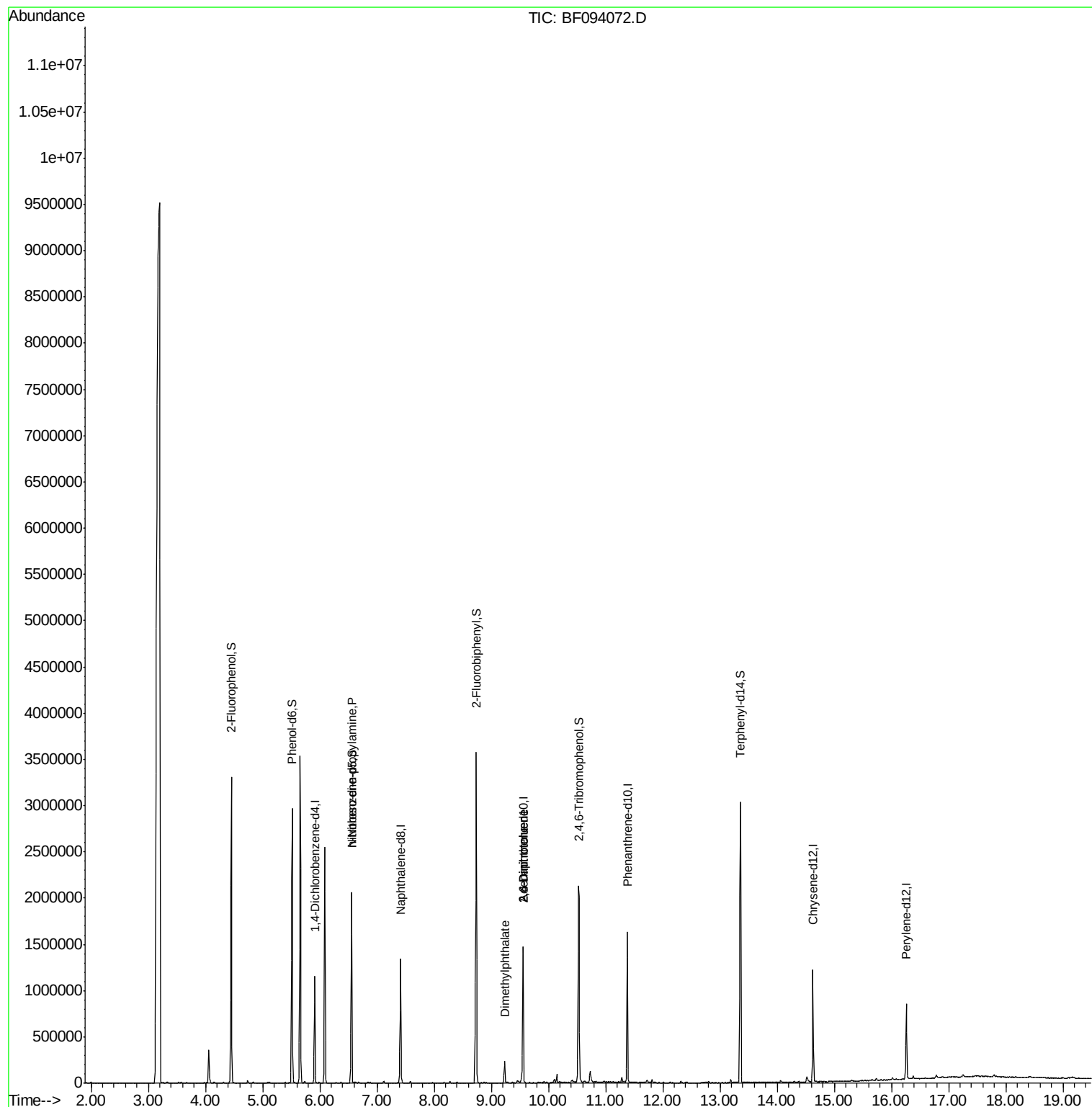
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.91	152	184871	20.00	ng	-0.04
21) Naphthalene-d8	7.41	136	753223	20.00	ng	-0.05
38) Acenaphthene-d10	9.55	164	365370	20.00	ng	-0.05
63) Phenanthrene-d10	11.38	188	657896	20.00	ng	-0.04
75) Chrysene-d12	14.63	240	484865	20.00	ng	-0.05
86) Perylene-d12	16.26	264	336013	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.45	112	1058026	96.66	ng	-0.02
7) Phenol-d6	5.52	99	1359389	100.39	ng	-0.04
23) Nitrobenzene-d5	6.56	82	837699	63.47	ng	-0.05
41) 2,4,6-Tribromophenol	10.53	330	310131	107.42	ng	-0.04
44) 2-Fluorobiphenyl	8.74	172	1484011	61.95	ng	-0.04
78) Terphenyl-d14	13.36	244	1168627	54.02	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.56	70	110921	12.75	ng	# 77
49) Dimethylphthalate	9.23	163	107503	4.14	ng	99
50) 2,6-Dinitrotoluene	9.55	165	46966	7.89	ng	# 33
56) 2,4-Dinitrotoluene	9.55	165	46967	6.28	ng	# 33

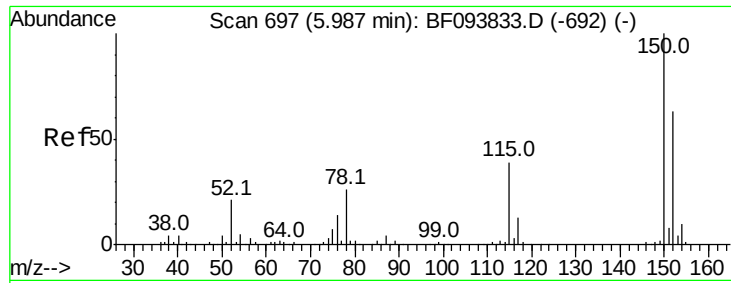
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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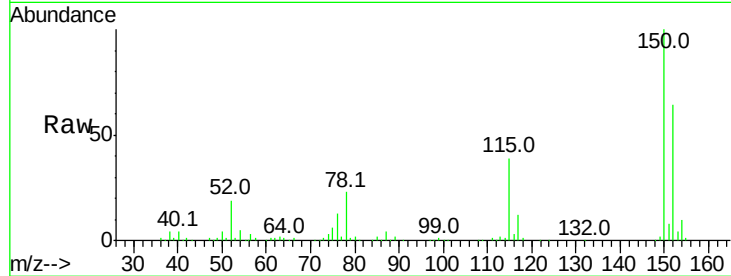


#1

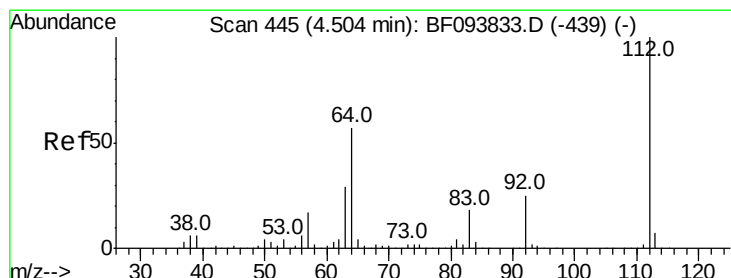
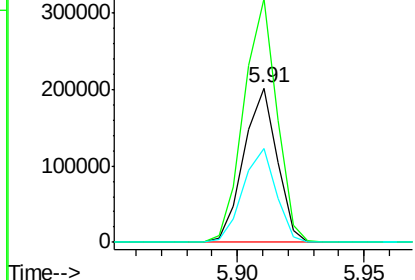
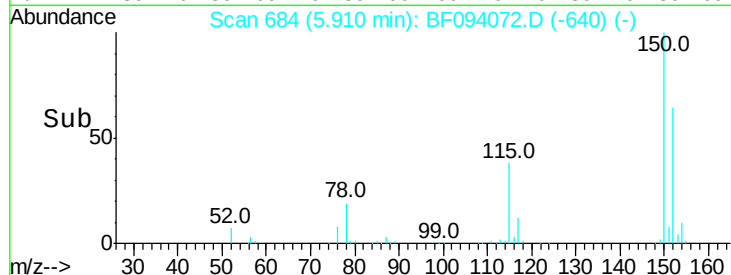
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.91 min Scan# 684
 Delta R.T. -0.04 min
 Lab File: BF094072.D
 Acq: 30 Mar 2017 21:48

Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)

Tot Ion:152 Resp: 184871
 Ion Ratio Lower Upper
 152 100
 150 157.5 126.2 189.2
 115 60.7 52.2 78.2



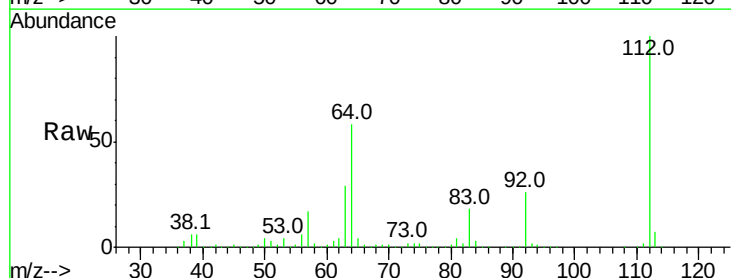
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



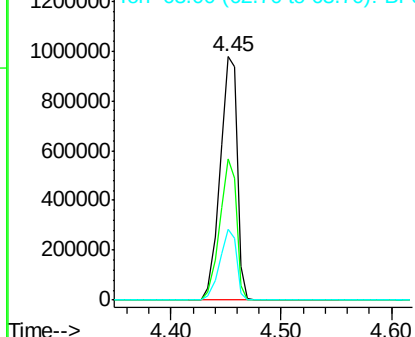
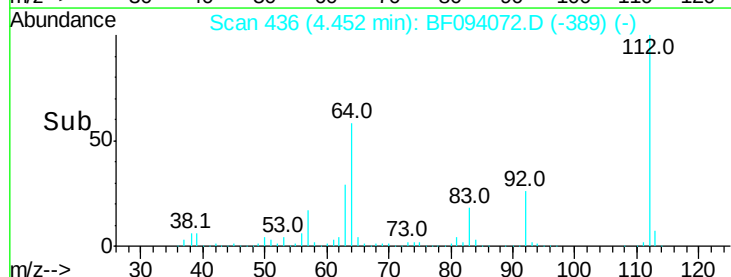
#5

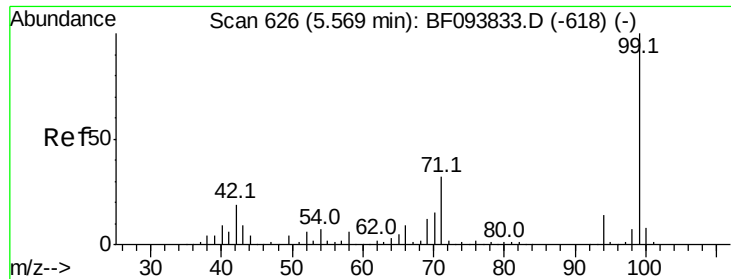
2-Fluorophenol
 Concen: 96.66 ng
 RT: 4.45 min Scan# 436
 Delta R.T. -0.02 min
 Lab File: BF094072.D
 Acq: 30 Mar 2017 21:48

Tgt Ion:112 Resp: 1058026
 Ion Ratio Lower Upper
 112 100
 64 57.7 46.0 69.0
 63 29.1 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: 100.39 ng

RT: 5.52 min Scan# 617

Delta R.T. -0.04 min

Lab File: BF094072.D

Acq: 30 Mar 2017 21:48

Instrument :

BNA_F

ClientSampleId :

SW-1(1.5-2)

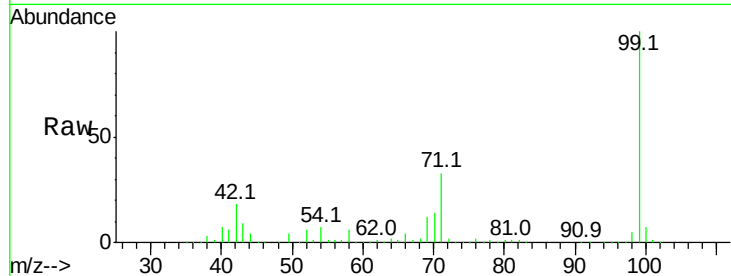
Tot Ion: 99 Resp: 1359389

Ion Ratio Lower Upper

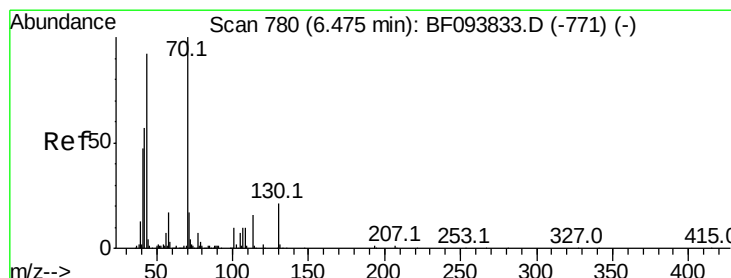
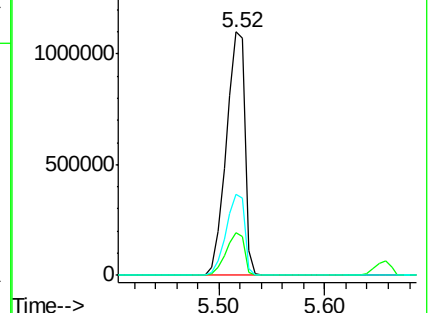
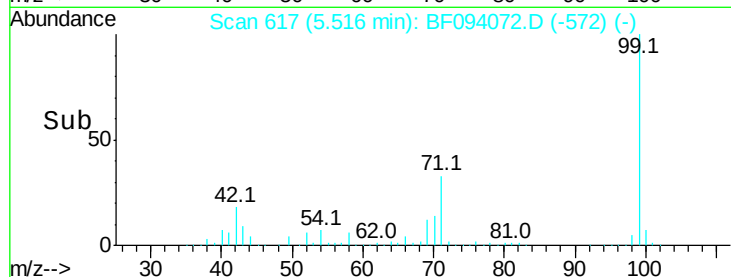
99 100

42 17.5 13.5 20.3

71 33.3 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



#19

n-Nitroso-di-n-propylamine

Concen: 12.75 ng

RT: 6.56 min Scan# 794

Delta R.T. 0.12 min

Lab File: BF094072.D

Acq: 30 Mar 2017 21:48

Tgt Ion: 70 Resp: 110921

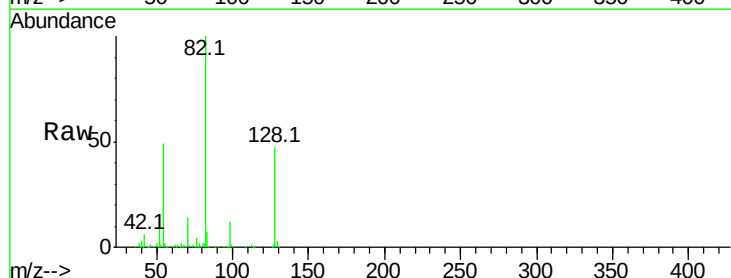
Ion Ratio Lower Upper

70 100

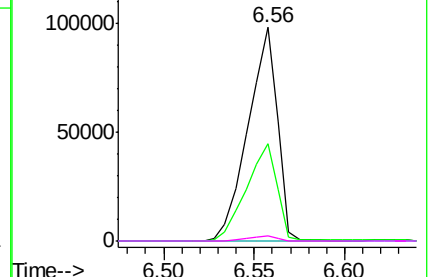
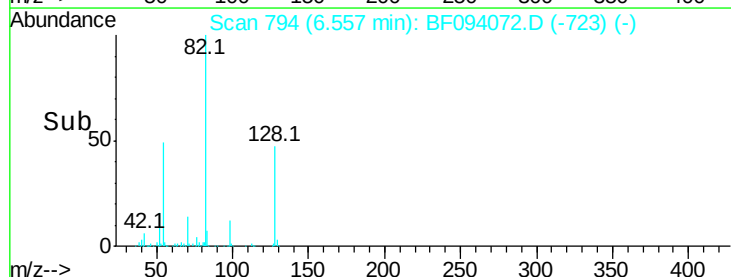
42 45.5 47.2 70.8#

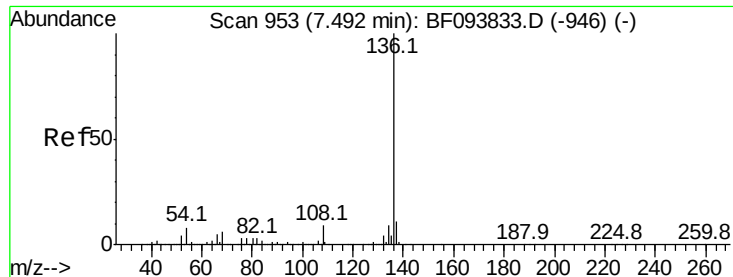
101 0.0 7.2 10.8#

130 2.6 15.9 23.9#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): BF0
Ion 130.00 (129.70 to 130.70): BF0

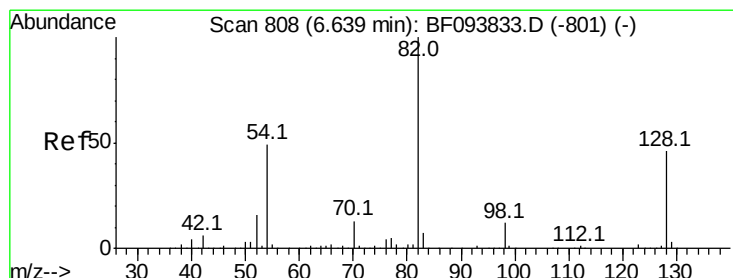
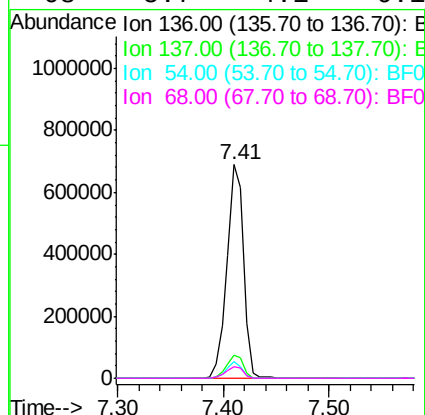
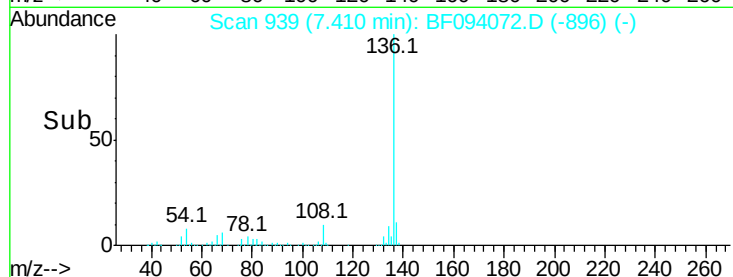
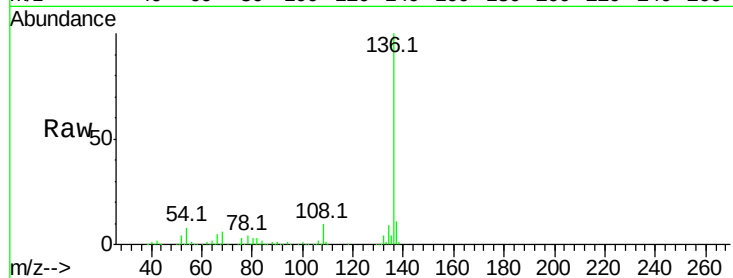




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.41 min Scan# 939
Delta R.T. -0.05 min
Lab File: BF094072.D
Acq: 30 Mar 2017 21:48

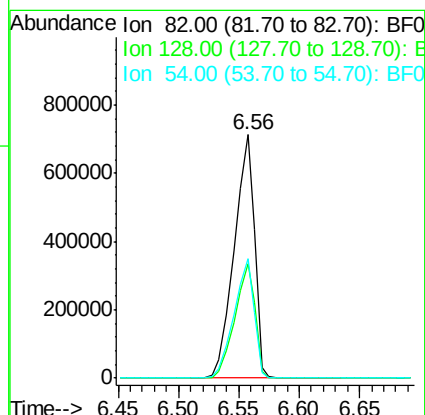
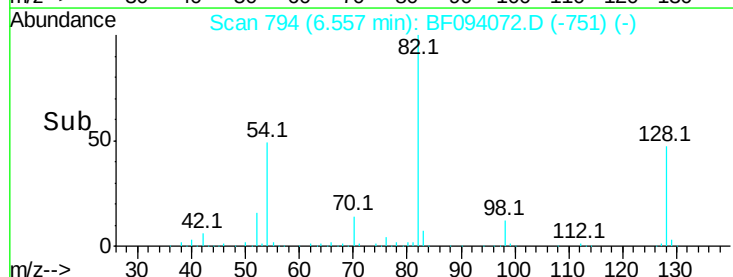
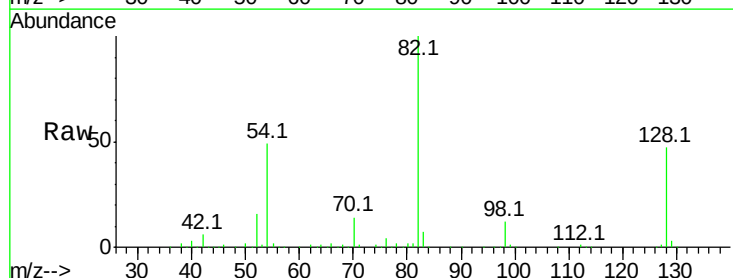
Instrument :
BNA_F
ClientSampleId :
SW-1(1.5-2)

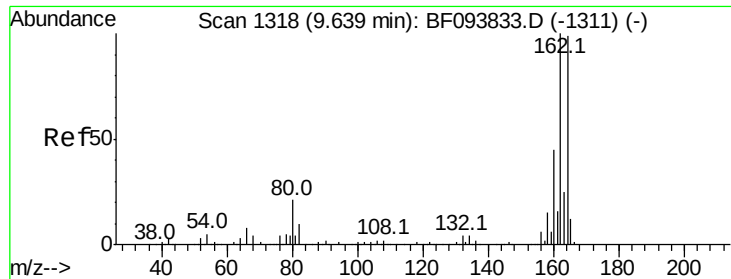
Tot Ion:	136	Resp:	753223
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.7	4.9	7.3#
68	5.7	4.1	6.1



#23
Nitrobenzene-d5
Concen: 63.47 ng
RT: 6.56 min Scan# 794
Delta R.T. -0.05 min
Lab File: BF094072.D
Acq: 30 Mar 2017 21:48

Tgt Ion:	82	Resp:	837699
Ion	Ratio	Lower	Upper
82	100		
128	47.0	34.0	51.0
54	49.3	42.2	63.2

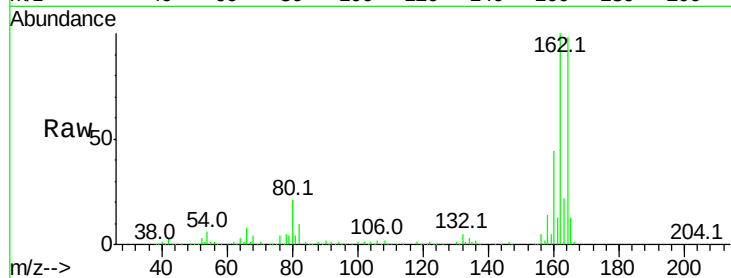




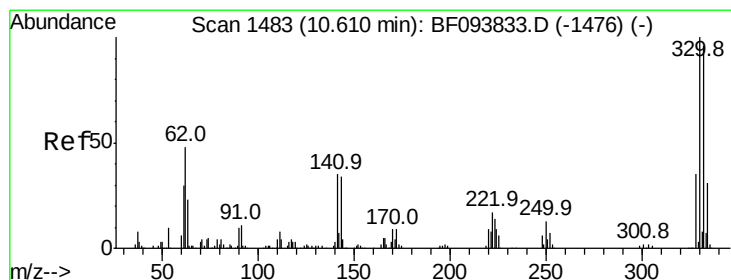
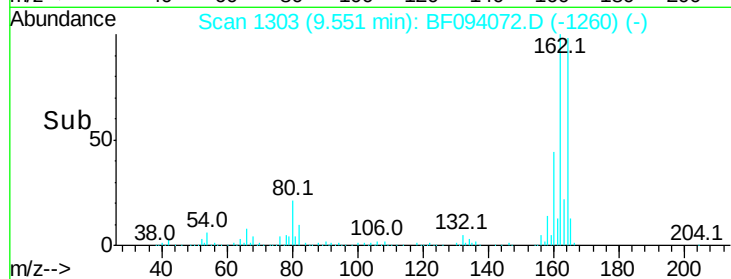
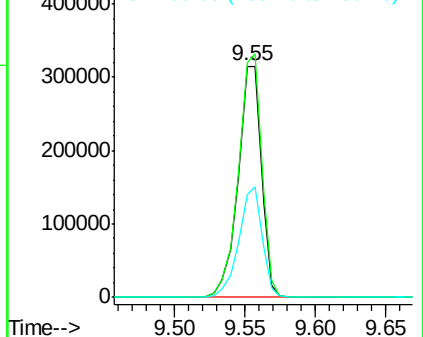
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.55 min Scan# 1303
Delta R.T. -0.05 min
Lab File: BF094072.D
Acq: 30 Mar 2017 21:48

Instrument :
BNA_F
ClientSampleId :
SW-1(1.5-2)

Tot Ion:164 Resp: 365370
Ion Ratio Lower Upper
164 100
162 101.6 82.6 123.8
160 44.7 36.2 54.2

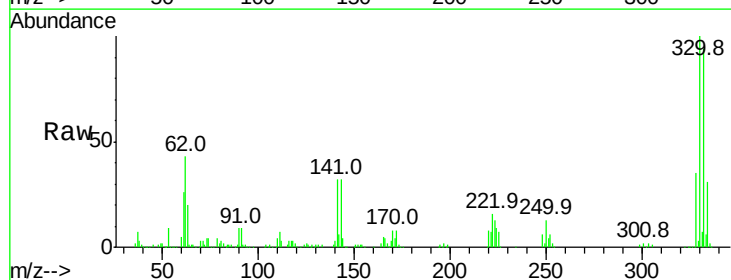


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

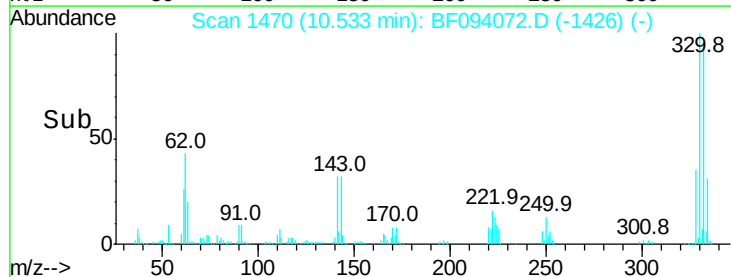
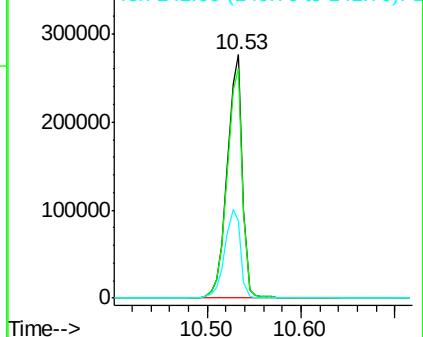


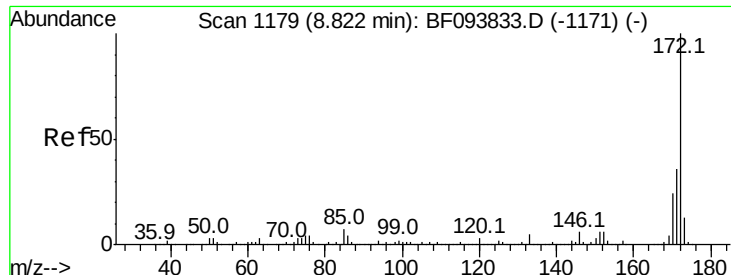
#41
2,4,6-Tribromophenol
Concen: 107.42 ng
RT: 10.53 min Scan# 1470
Delta R.T. -0.04 min
Lab File: BF094072.D
Acq: 30 Mar 2017 21:48

Tgt Ion:330 Resp: 310131
Ion Ratio Lower Upper
330 100
332 96.0 76.6 115.0
141 38.5 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

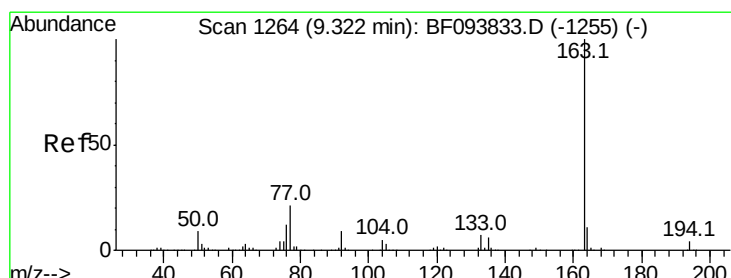
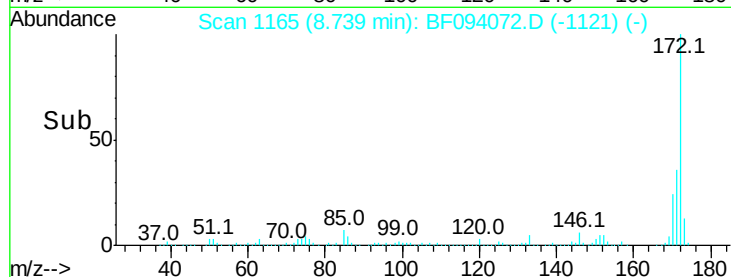
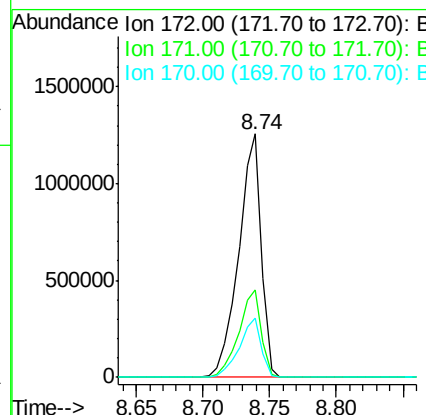
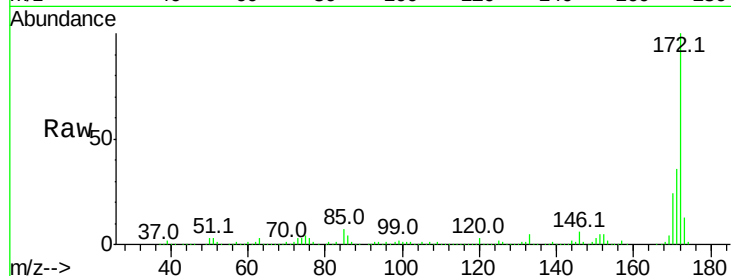




#44
2-Fluorobiphenyl
Concen: 61.95 ng
RT: 8.74 min Scan# 1165
Delta R.T. -0.04 min
Lab File: BF094072.D
Acq: 30 Mar 2017 21:48

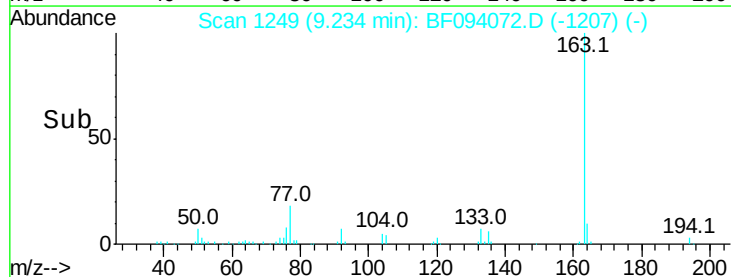
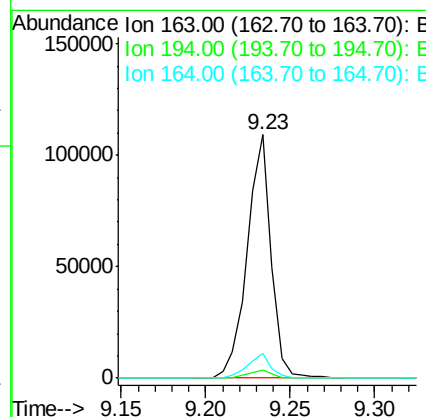
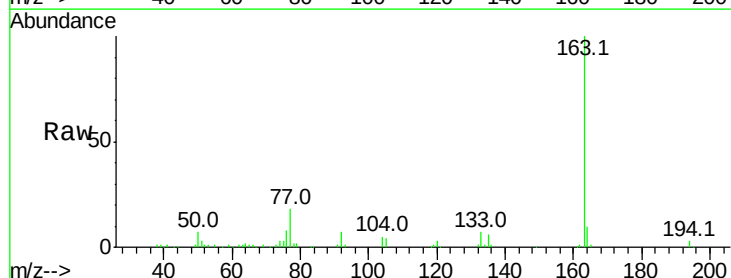
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SW-1(1.5-2)

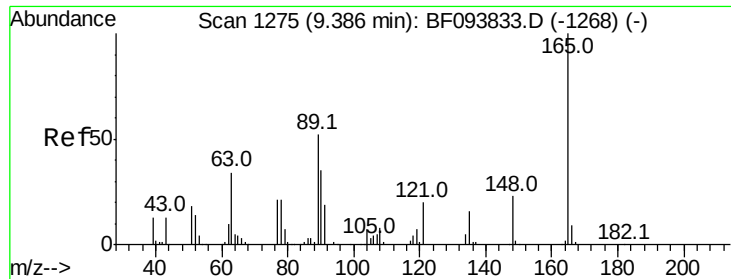
Tot Ion:172 Resp: 1484011
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 24.3 19.8 29.8



#49
Dimethylphthalate
Concen: 4.14 ng
RT: 9.23 min Scan# 1249
Delta R.T. -0.05 min
Lab File: BF094072.D
Acq: 30 Mar 2017 21:48

Tgt Ion:163 Resp: 107503
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.1 8.4 12.6

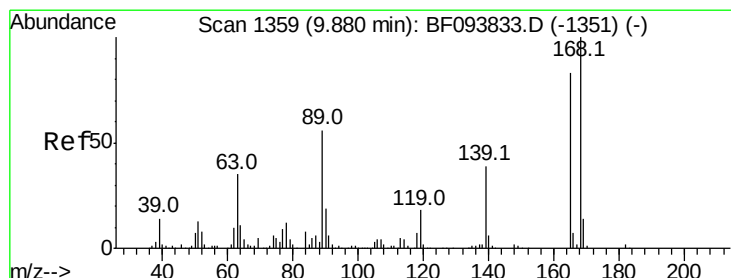
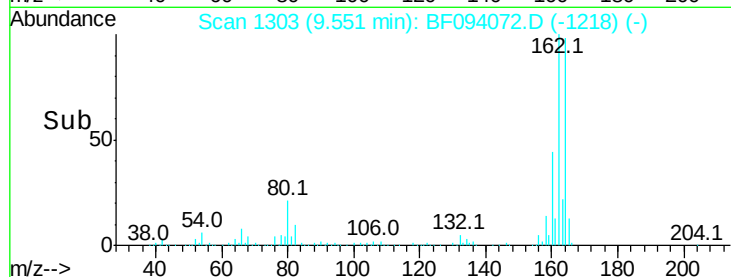
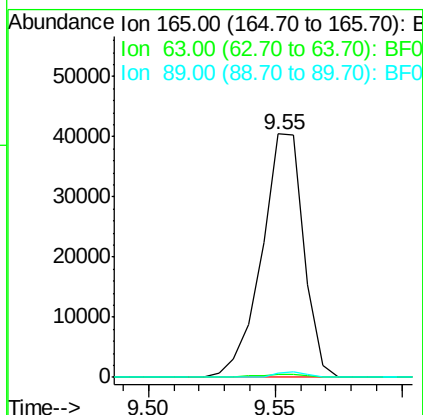
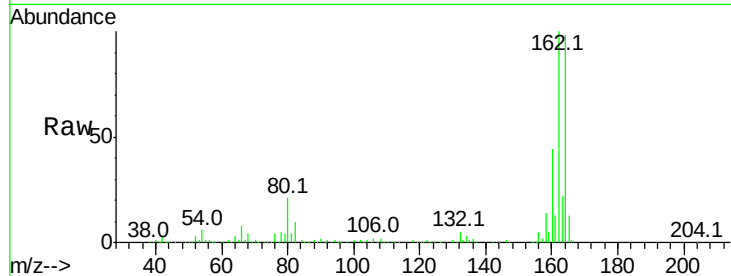




#50
 2,6-Dinitrotoluene
 Concen: 7.89 ng
 RT: 9.55 min Scan# 1303
 Delta R.T. 0.20 min
 Lab File: BF094072.D
 Acq: 30 Mar 2017 21:48

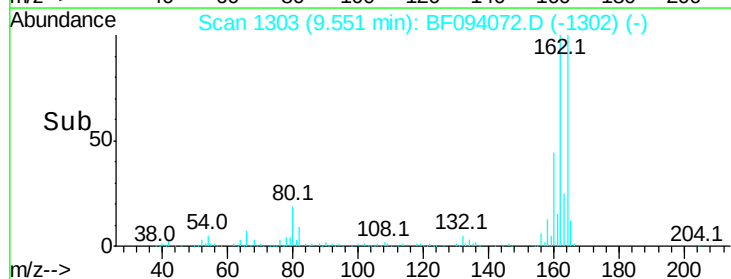
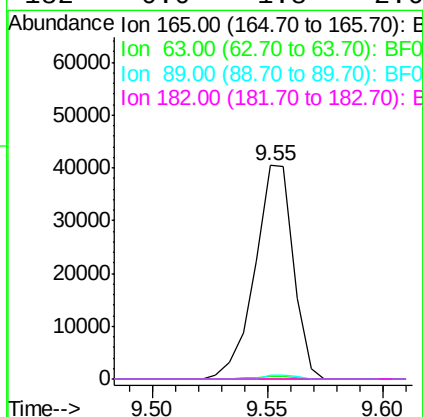
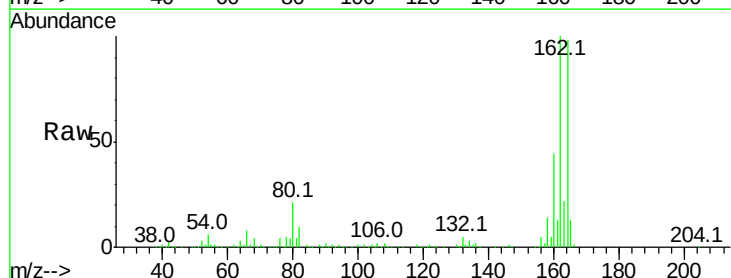
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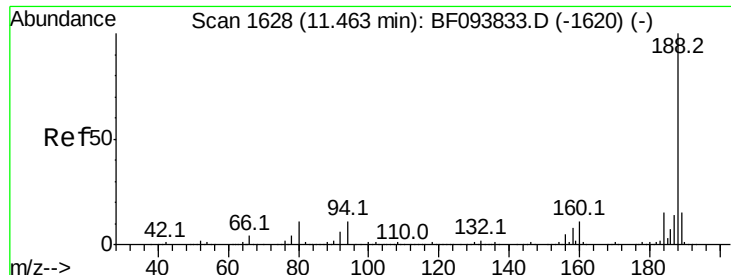
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	34.3	51.5#
89	1.5	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.28 ng
 RT: 9.55 min Scan# 1303
 Delta R.T. -0.29 min
 Lab File: BF094072.D
 Acq: 30 Mar 2017 21:48

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	25.4	38.0#
89	1.5	46.4	69.6#
182	0.0	1.8	2.6#

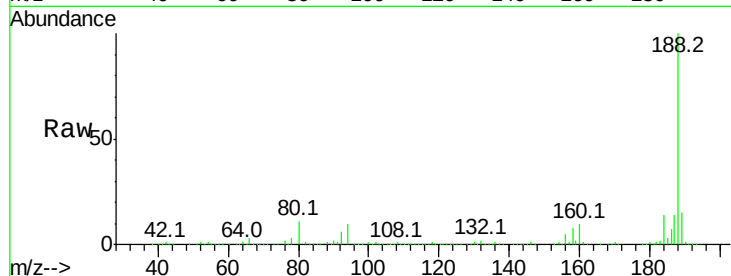




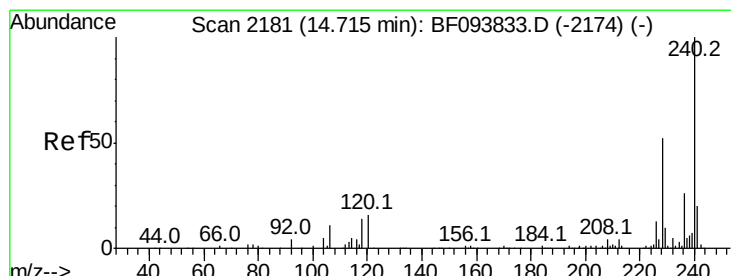
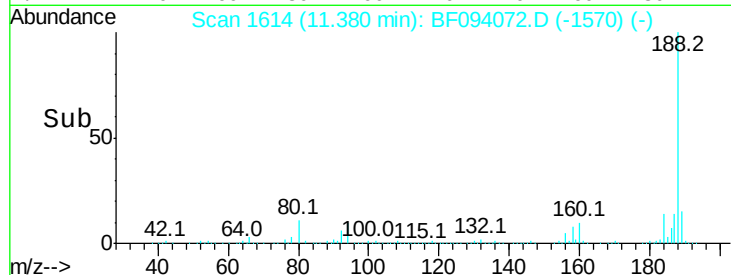
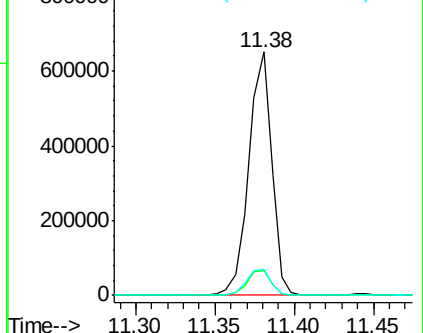
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 1614
Delta R.T. -0.04 min
Lab File: BF094072.D
Acq: 30 Mar 2017 21:48

Instrument :
BNA_F
ClientSampleId :
SW-1(1.5-2)

Tot Ion:188 Resp: 657896
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.2
80 10.5 10.2 15.2

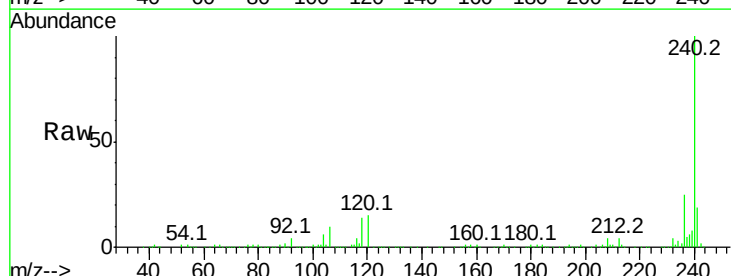


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

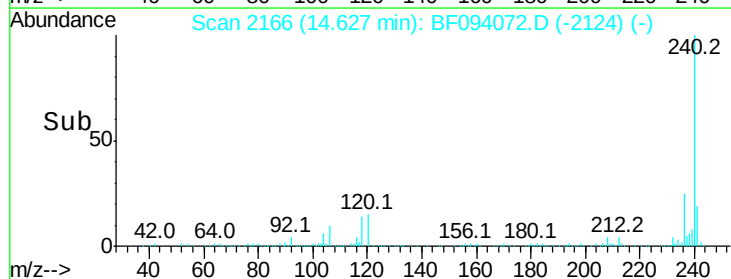
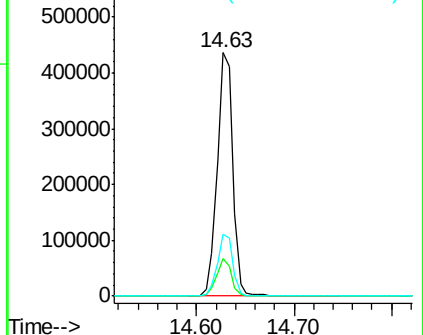


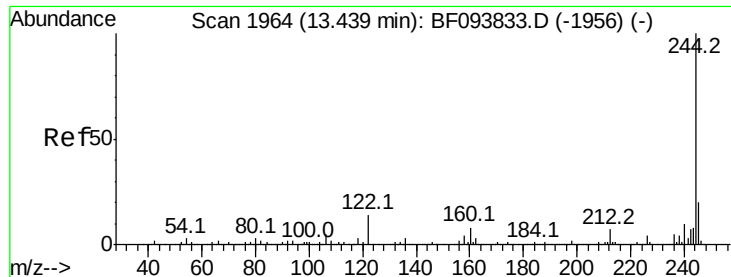
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.63 min Scan# 2166
Delta R.T. -0.05 min
Lab File: BF094072.D
Acq: 30 Mar 2017 21:48

Tgt Ion:240 Resp: 484865
Ion Ratio Lower Upper
240 100
120 15.4 5.8 8.8#
236 25.4 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



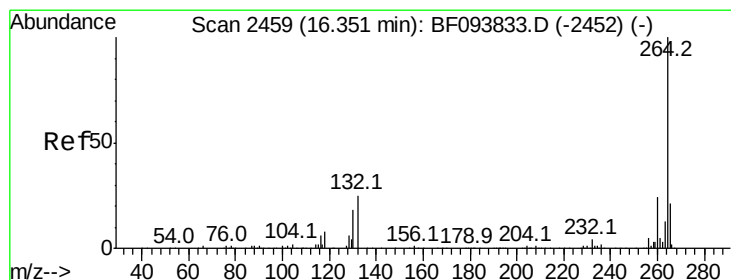
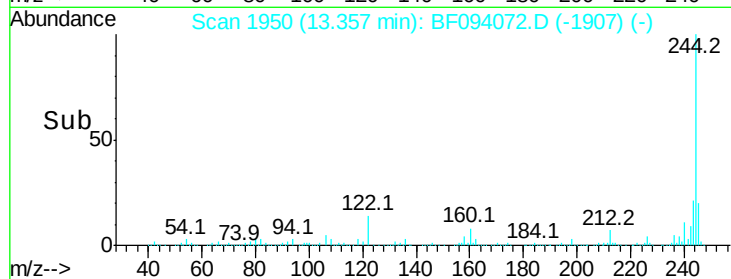
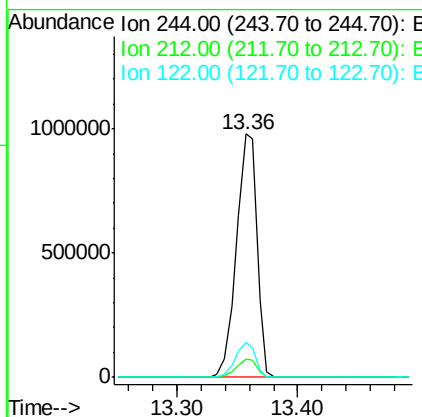
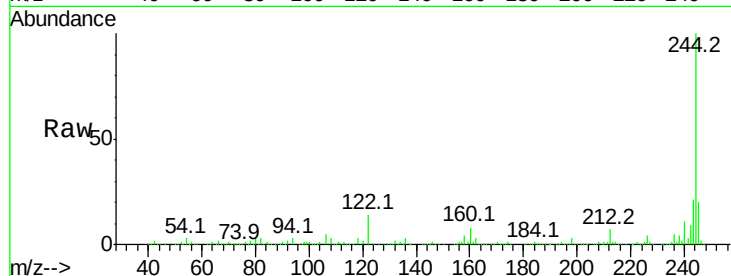


#78
 Terphenyl-d14
 Concen: 54.02 ng
 RT: 13.36 min Scan# 1950
 Delta R.T. -0.05 min
 Lab File: BF094072.D
 Acq: 30 Mar 2017 21:48

Instrument :
 BNA_F
 ClientSampleId :
 SW-1(1.5-2)

Tot Ion:244 Resp: 1168627

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	14.5	10.3	15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.26 min Scan# 2444
 Delta R.T. -0.05 min
 Lab File: BF094072.D
 Acq: 30 Mar 2017 21:48

Tgt Ion:264 Resp: 336013

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.5	29.3
265	22.3	17.2	25.8

