

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
 Data File : BF093504.D
 Acq On : 10 Mar 2017 4:31
 Operator : SJ/MA
 Sample : I2176-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-19

Quant Time: Mar 10 05:10:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

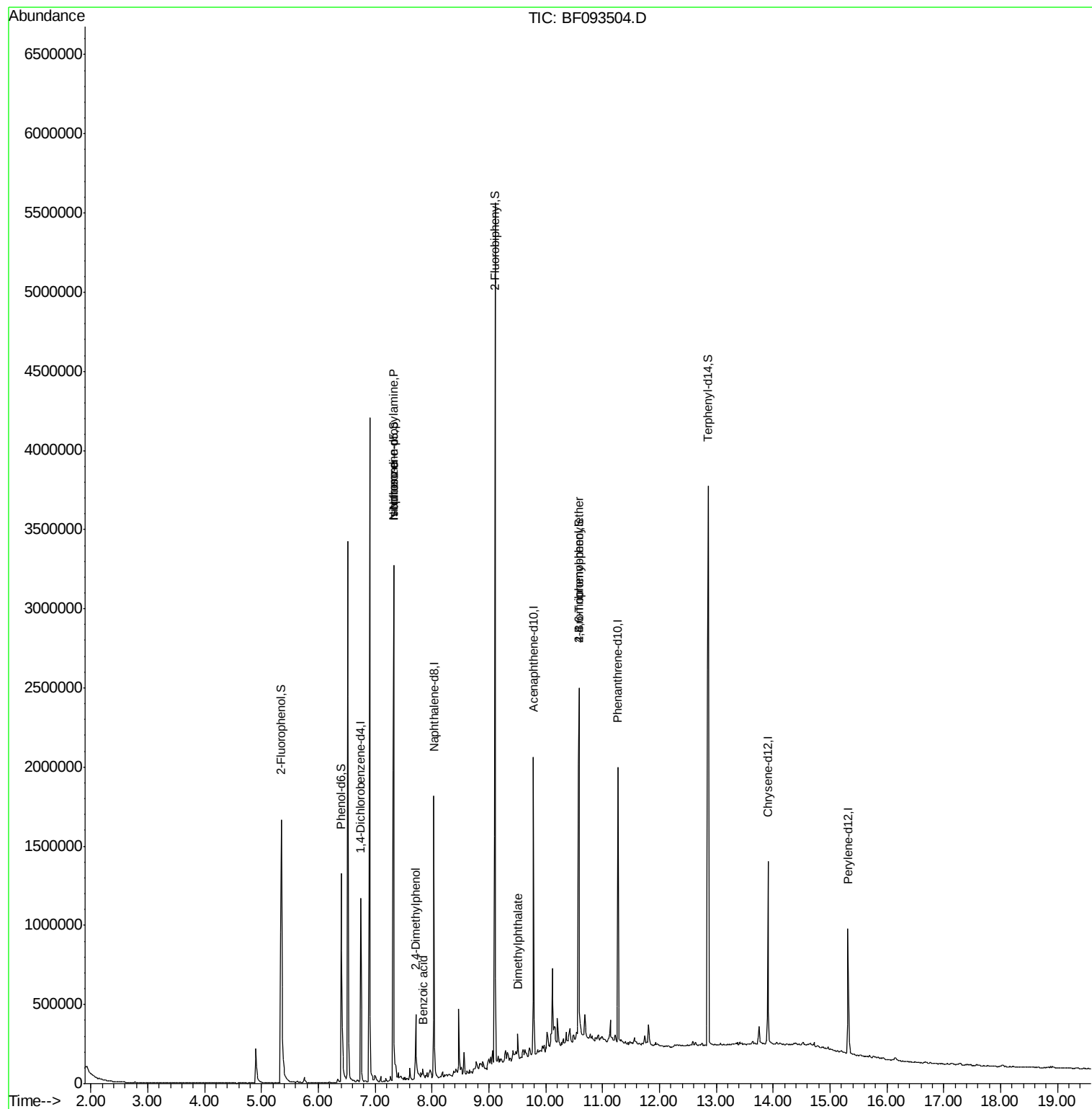
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	189964	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	745302	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	347351	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	595502	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	389686	20.00	ng	-0.01
86) Perylene-d12	15.32	264	354579	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	743440	65.13	ng	0.00
7) Phenol-d6	6.40	99	678765	47.16	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1338537	99.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	346202	152.98	ng	-0.01
44) 2-Fluorobiphenyl	9.11	172	1720925	92.15	ng	-0.02
78) Terphenyl-d14	12.86	244	1382547	92.24	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.40	77	1619	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.33	70	186802	18.88	ng	# 78
25) Isophorone	7.33	82	1320529	48.75	ng	# 65
27) 2,4-Dimethylphenol	7.72	122	100245	8.95	ng	97
32) Benzoic acid	7.84	122	14936	2.57	ng	# 21
49) Dimethylphthalate	9.51	163	50242	2.18	ng	97
66) 4-Bromophenyl-phenylether	10.58	248	26493	4.21	ng	# 1

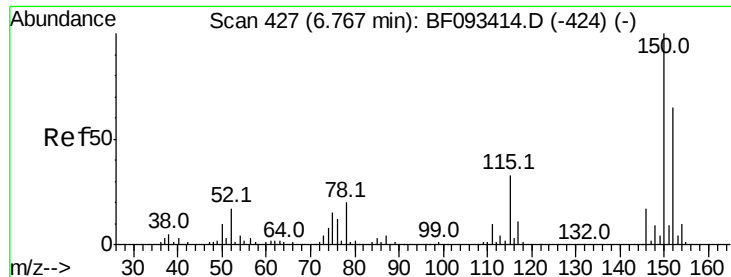
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF093504.D

Acq: 10 Mar 2017 4:31

Instrument :

BNA_F

ClientSampleId :

W-19

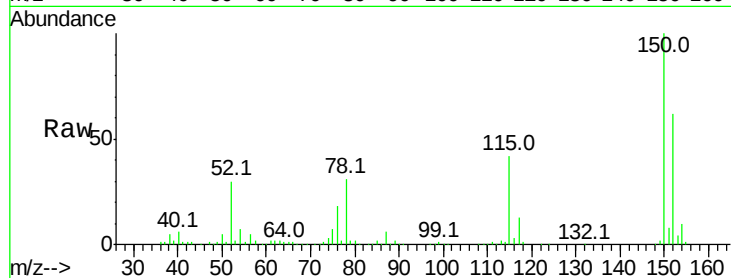
Tot Ion:152 Resp: 189964

Ion Ratio Lower Upper

152 100

150 161.5 124.9 187.3

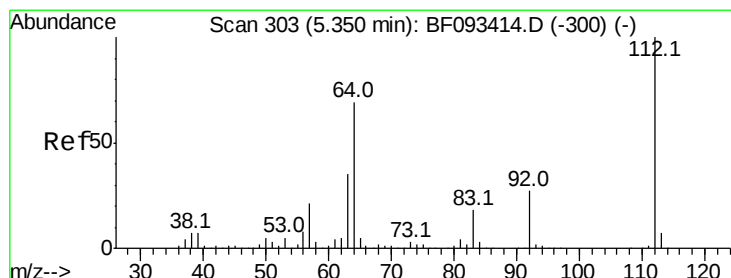
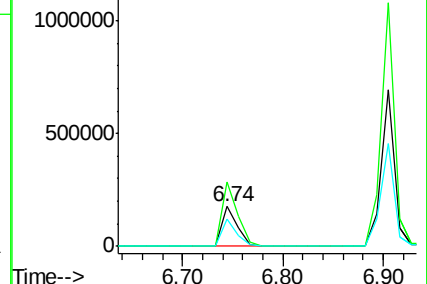
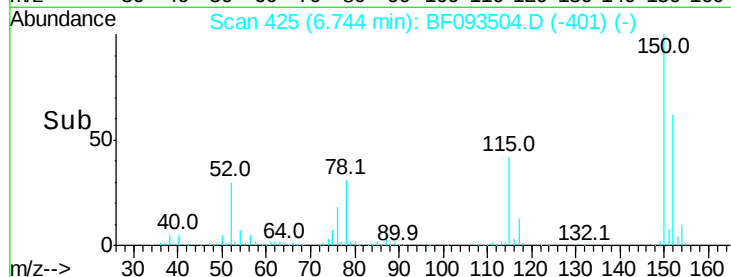
115 67.5 46.0 69.0



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: 65.13 ng

RT: 5.35 min Scan# 303

Delta R.T. -0.00 min

Lab File: BF093504.D

Acq: 10 Mar 2017 4:31

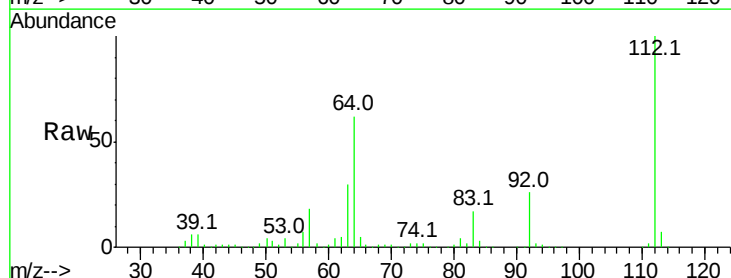
Tgt Ion:112 Resp: 743440

Ion Ratio Lower Upper

112 100

64 61.5 46.1 69.1

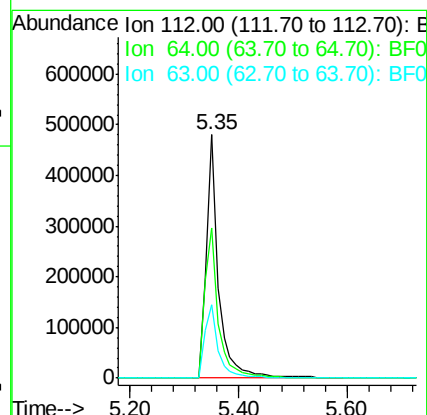
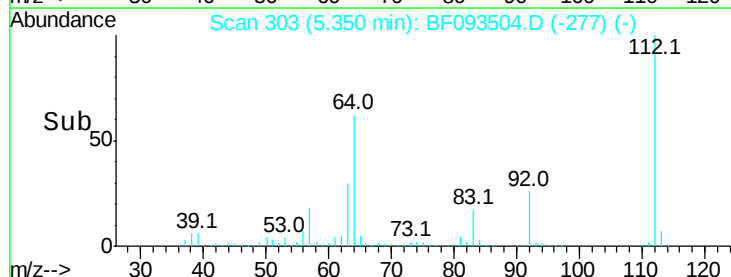
63 30.3 23.8 35.6

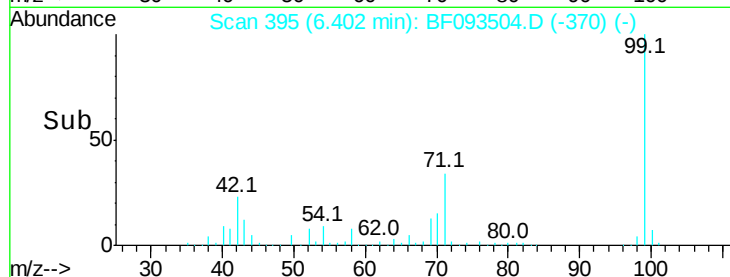
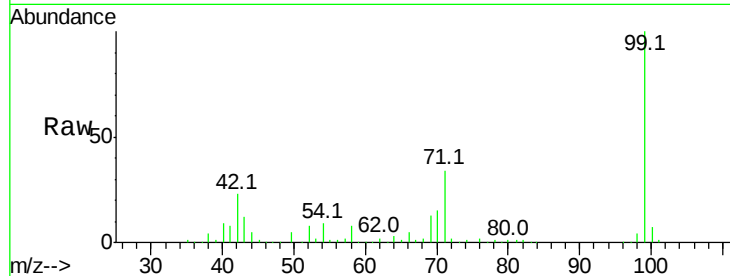
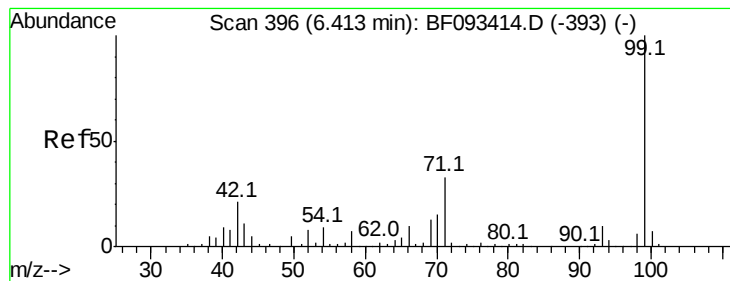


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 47.16 ng

RT: 6.40 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF093504.D

Acq: 10 Mar 2017 4:31

Instrument :

BNA_F

ClientSampleId :

W-19

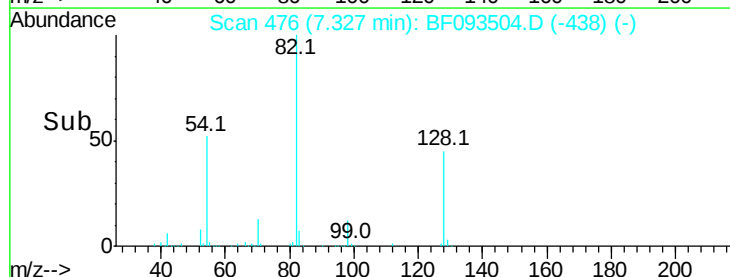
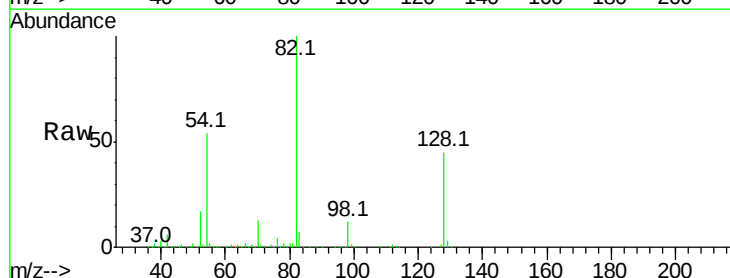
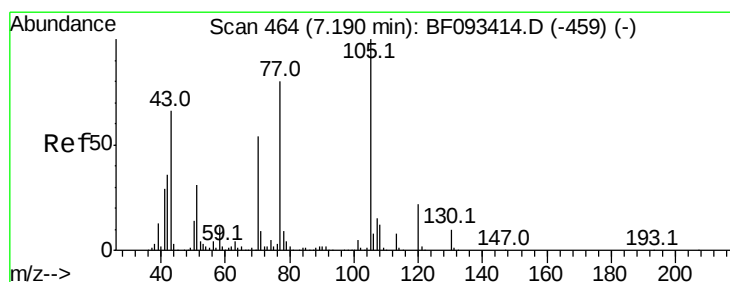
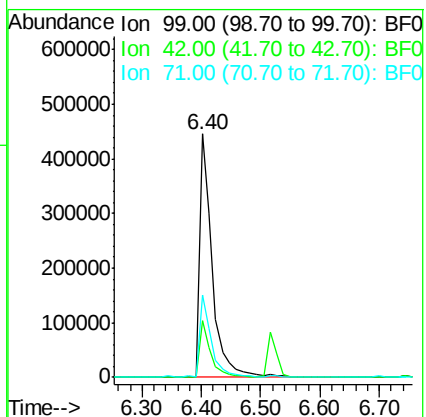
Tot Ion: 99 Resp: 678765

Ion Ratio Lower Upper

99 100

42 23.2 15.6 23.4

71 33.9 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 18.88 ng

RT: 7.33 min Scan# 476

Delta R.T. 0.14 min

Lab File: BF093504.D

Acq: 10 Mar 2017 4:31

Tgt Ion: 70 Resp: 186802

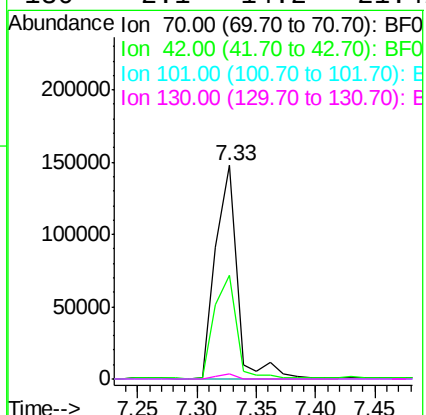
Ion Ratio Lower Upper

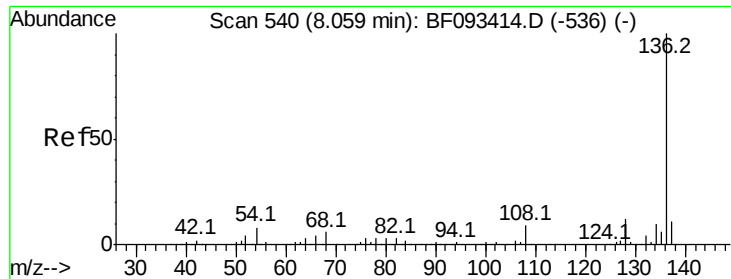
70 100

42 48.3 49.4 74.0#

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

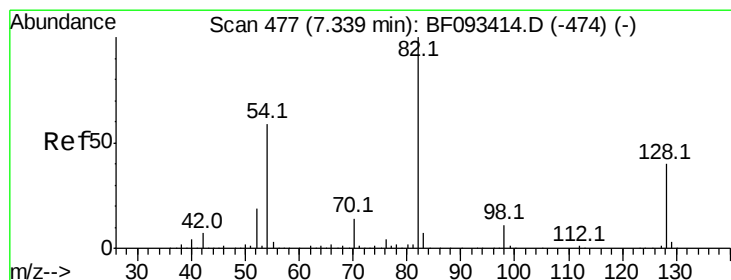
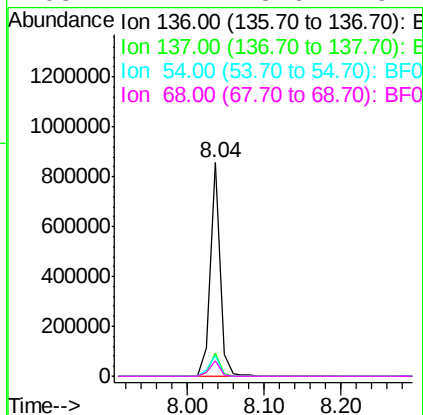
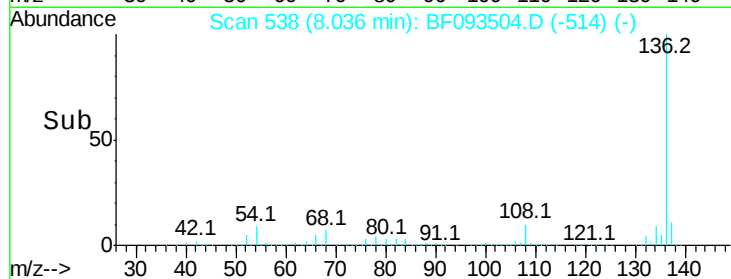
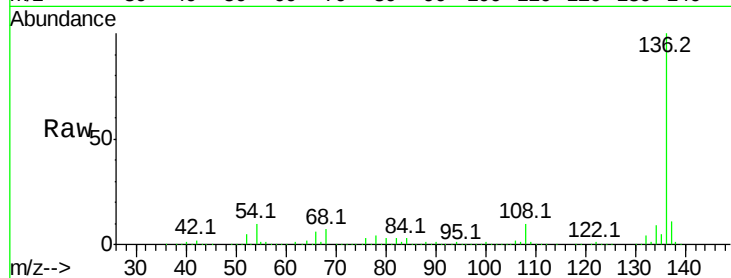




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF093504.D
Acq: 10 Mar 2017 4:31

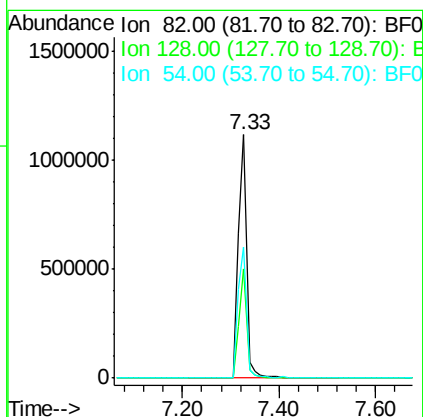
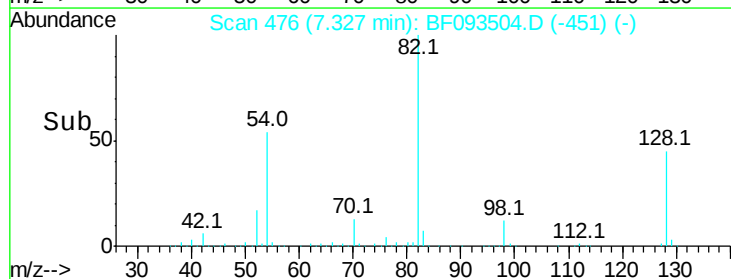
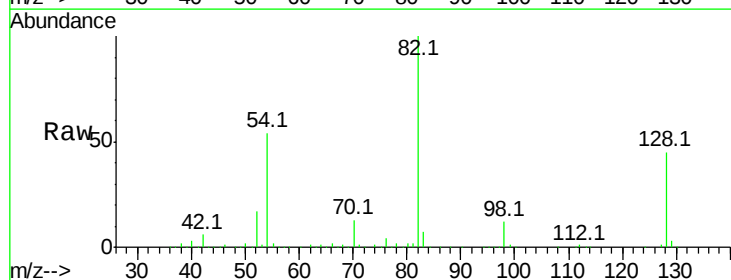
Instrument :
BNA_F
ClientSampleId :
W-19

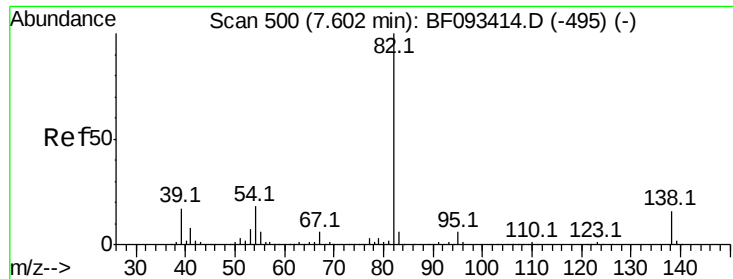
Tot Ion:	136	Resp:	745302
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	9.6	4.5	6.7#
68	7.1	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 99.65 ng
RT: 7.33 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF093504.D
Acq: 10 Mar 2017 4:31

Tgt Ion:	82	Resp:	1338537
Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.6	52.0
54	53.9	39.5	59.3

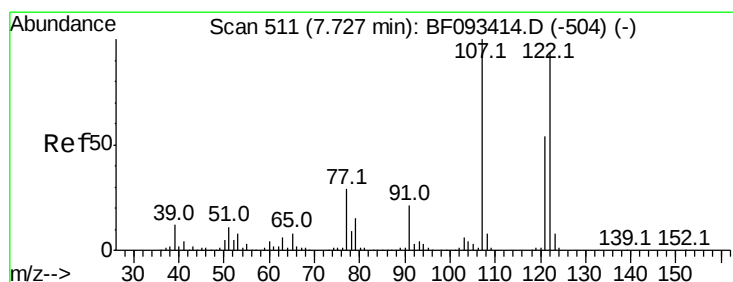
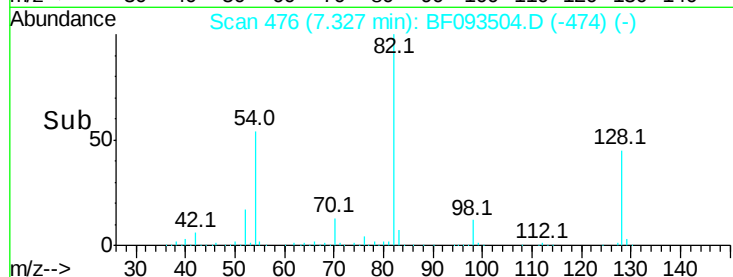
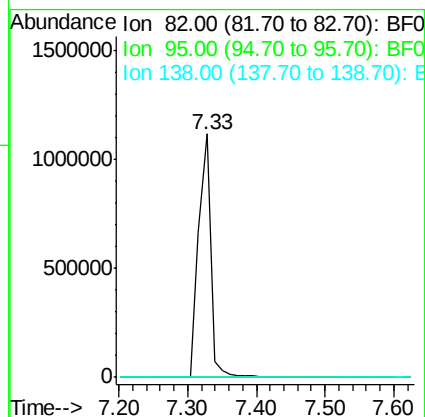
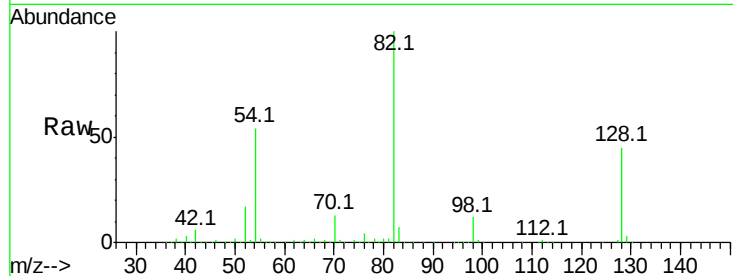




#25
Isophorone
Concen: 48.75 ng
RT: 7.33 min Scan# 476
Delta R.T. -0.27 min
Lab File: BF093504.D
Acq: 10 Mar 2017 4:31

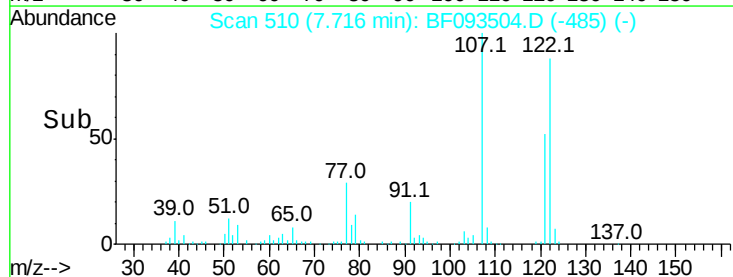
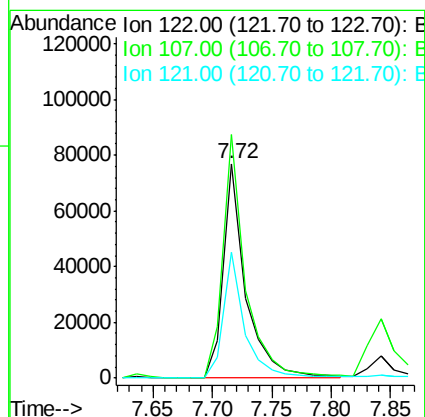
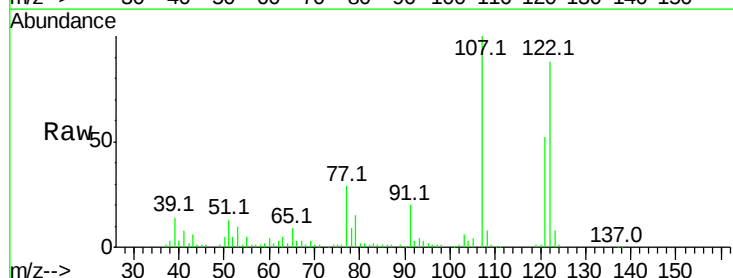
Instrument :
BNA_F
ClientSampled :
W-19

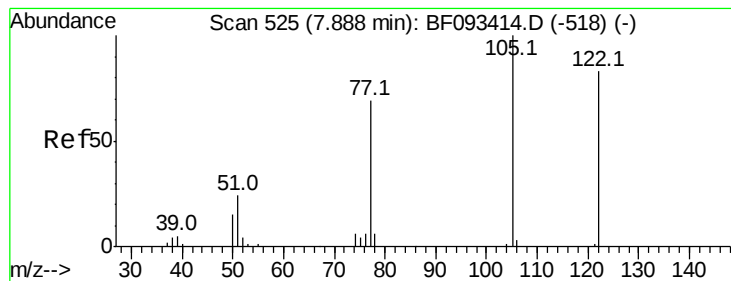
Tot Ion: 82 Resp: 1320529
Ion Ratio Lower Upper
82 100
95 0.1 5.6 8.4#
138 0.0 14.6 22.0#



#27
2,4-Dimethylphenol
Concen: 8.95 ng
RT: 7.72 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF093504.D
Acq: 10 Mar 2017 4:31

Tgt Ion:122 Resp: 100245
Ion Ratio Lower Upper
122 100
107 113.6 94.1 141.1
121 59.0 46.0 69.0





#32

Benzoic acid

Concen: 2.57 ng

RT: 7.84 min Scan# 521

Delta R.T. -0.05 min

Lab File: BF093504.D

Acq: 10 Mar 2017 4:31

Instrument :

BNA_F

ClientSampleId :

W-19

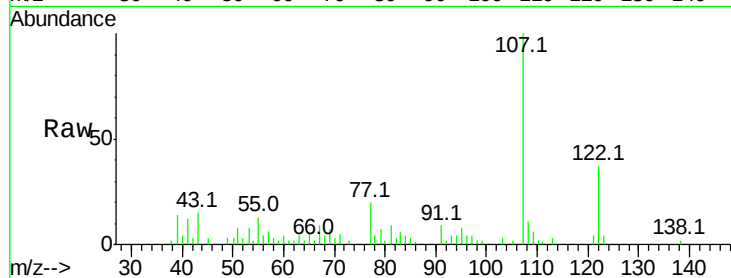
Tot Ion:122 Resp: 14936

Ion Ratio Lower Upper

122 100

105 5.3 107.2 147.2#

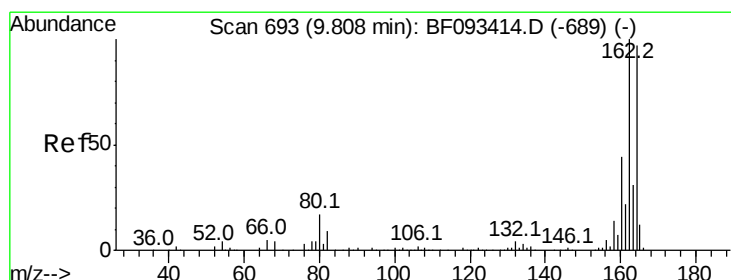
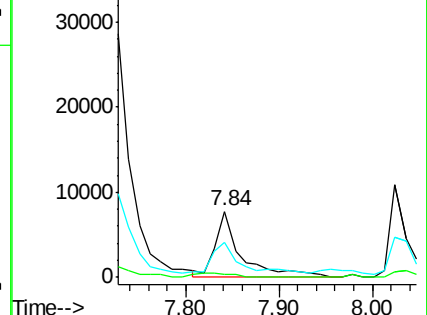
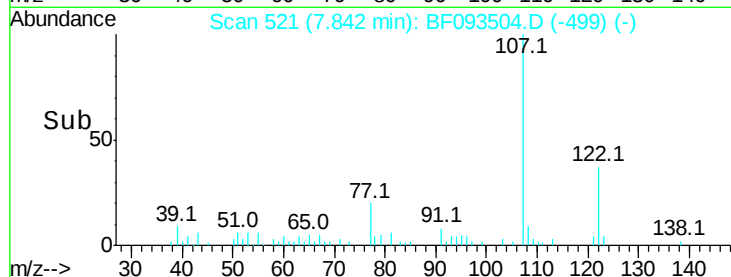
77 53.3 74.5 114.5#



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: 9.78 min Scan# 691

Delta R.T. -0.02 min

Lab File: BF093504.D

Acq: 10 Mar 2017 4:31

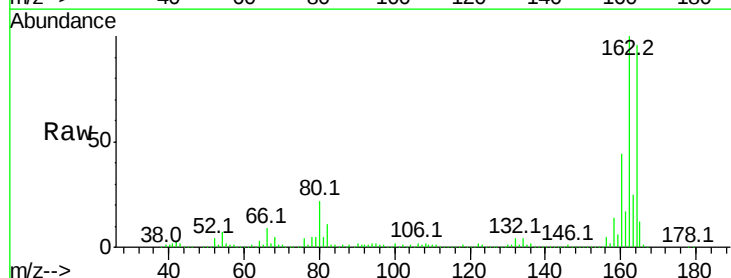
Tgt Ion:164 Resp: 347351

Ion Ratio Lower Upper

164 100

162 104.4 80.2 120.2

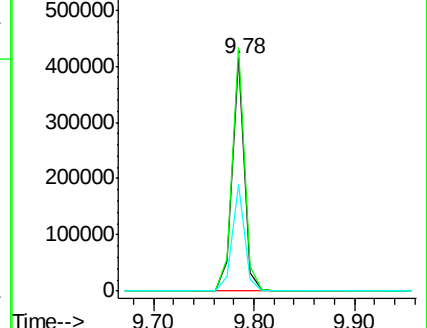
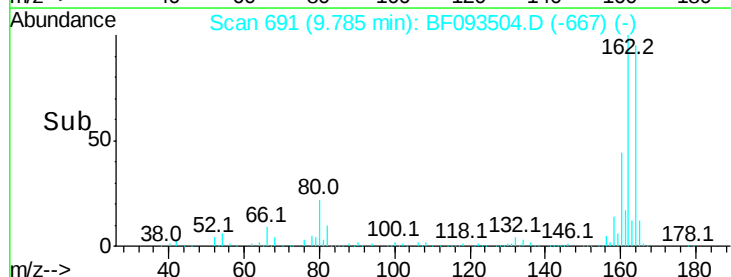
160 45.8 36.9 55.3

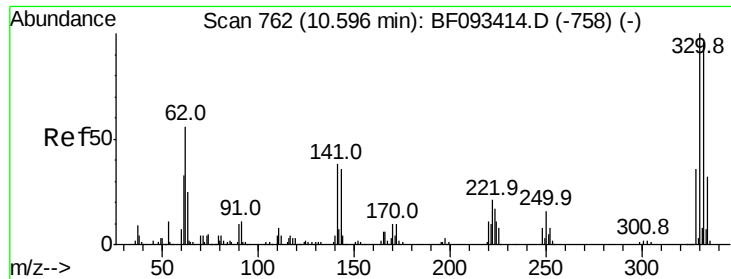


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

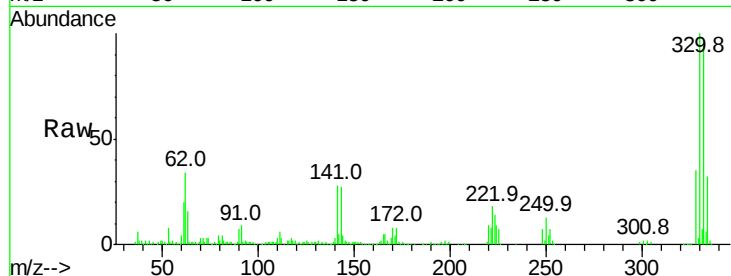




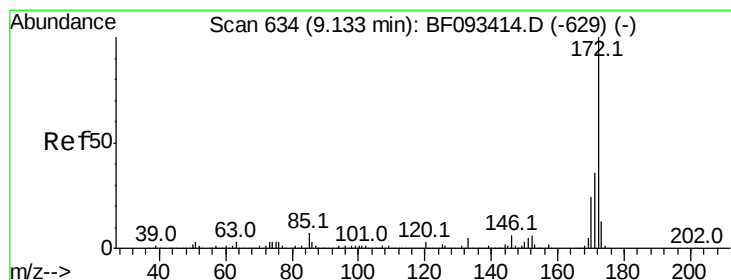
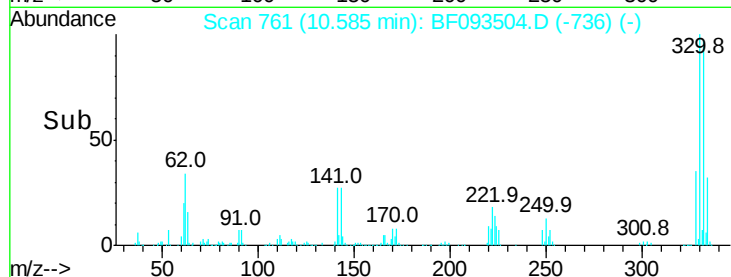
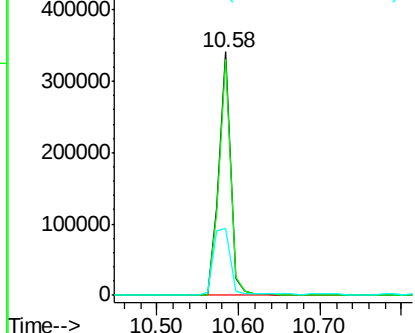
#41
 2,4,6-Tribromophenol
 Concen: 152.98 ng
 RT: 10.58 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF093504.D
 Acq: 10 Mar 2017 4:31

Instrument :
 BNA_F
 ClientSampled :
 W-19

Tot Ion:330 Resp: 346202
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.4 116.2
 141 39.5 34.1 51.1

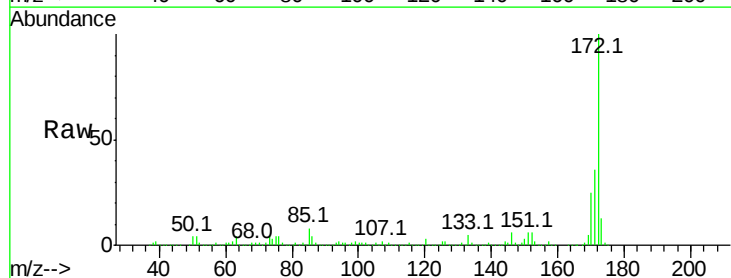


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

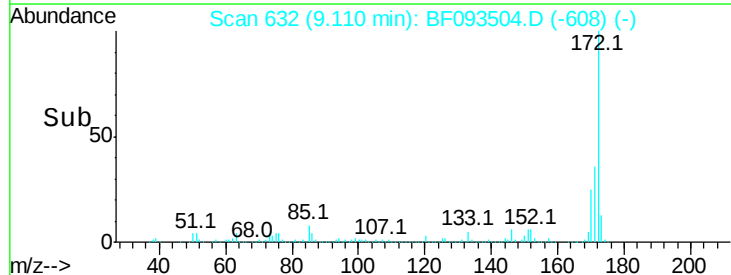
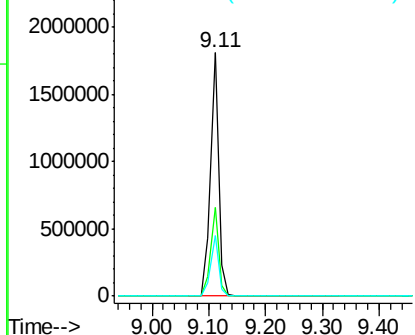


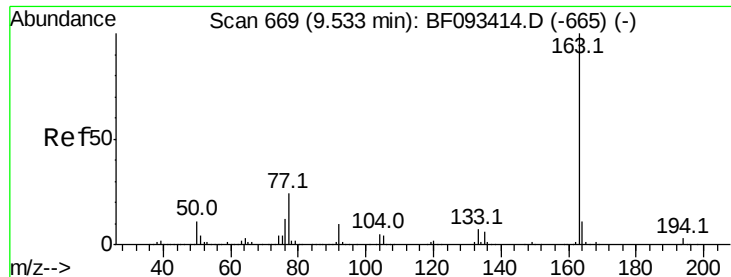
#44
 2-Fluorobiphenyl
 Concen: 92.15 ng
 RT: 9.11 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF093504.D
 Acq: 10 Mar 2017 4:31

Tgt Ion:172 Resp: 1720925
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.6 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

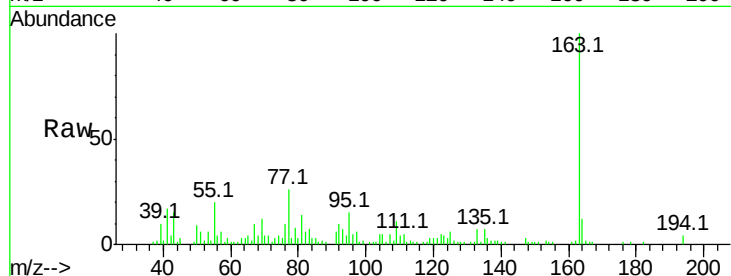




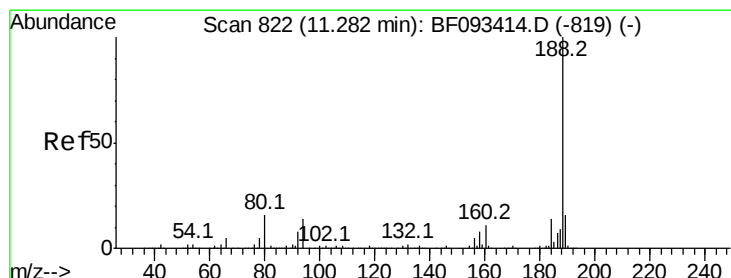
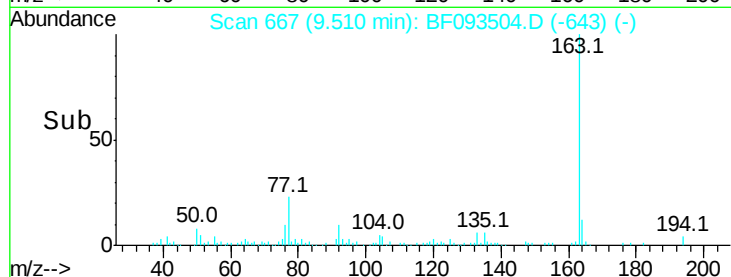
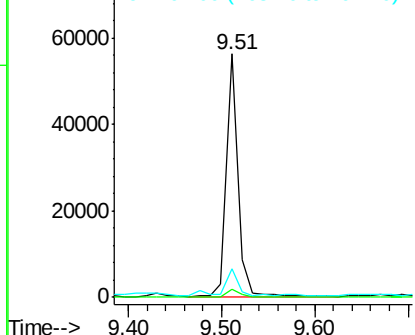
#49
Dimethylphthalate
Concen: 2.18 ng
RT: 9.51 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF093504.D
Acq: 10 Mar 2017 4:31

Instrument :
BNA_F
ClientSampleId :
W-19

Tot Ion:163 Resp: 50242
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 11.6 8.0 12.0

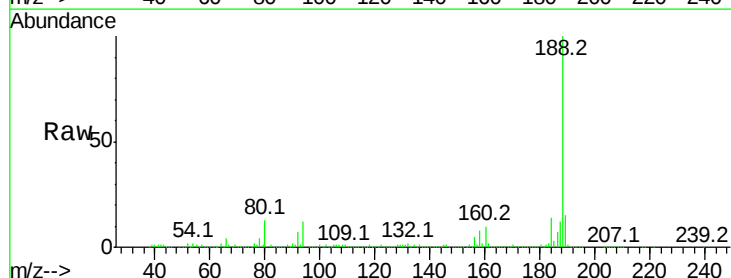


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

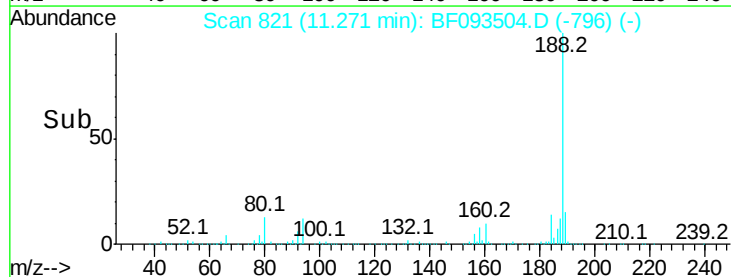
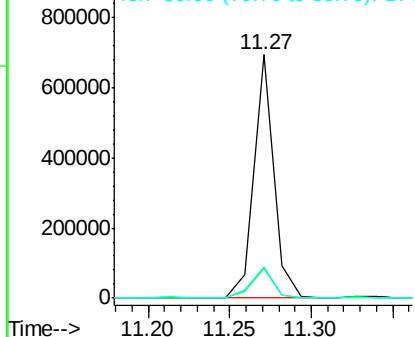


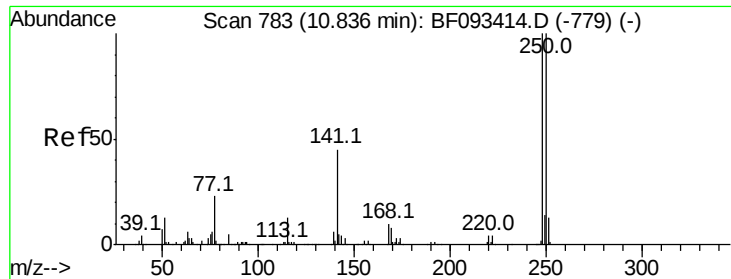
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF093504.D
Acq: 10 Mar 2017 4:31

Tgt Ion:188 Resp: 595502
Ion Ratio Lower Upper
188 100
94 12.1 10.0 15.0
80 13.0 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

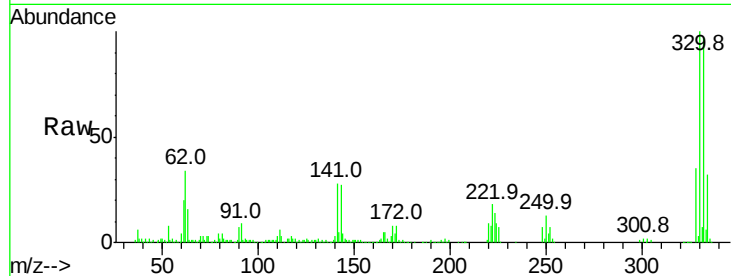




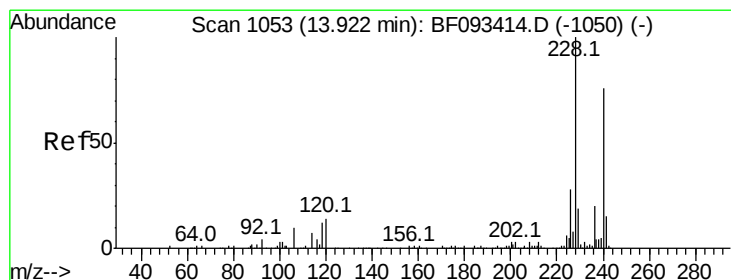
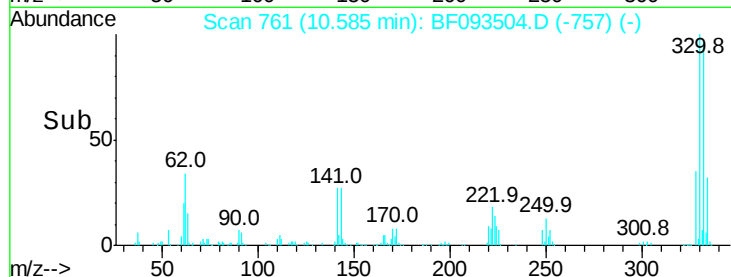
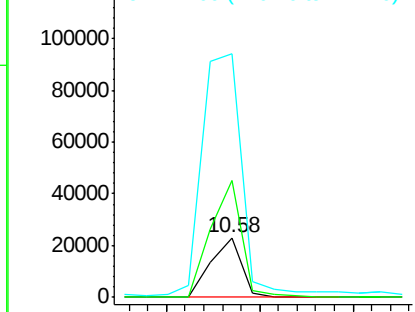
#66
4-Bromophenyl-phenylether
Concen: 4.21 ng
RT: 10.58 min Scan# 761
Delta R.T. -0.25 min
Lab File: BF093504.D
Acq: 10 Mar 2017 4:31

Instrument :
BNA_F
ClientSampleId :
W-19

Tot Ion:248 Resp: 26493
Ion Ratio Lower Upper
248 100
250 195.2 76.9 115.3#
141 407.6 68.2 102.4#

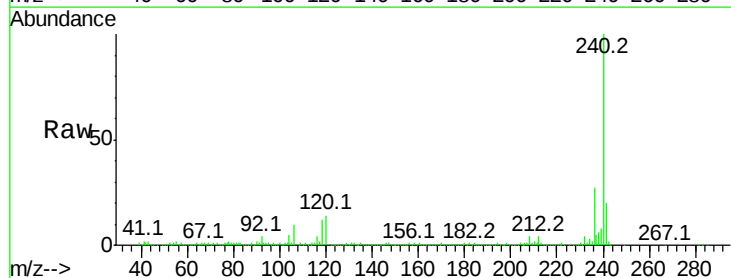


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

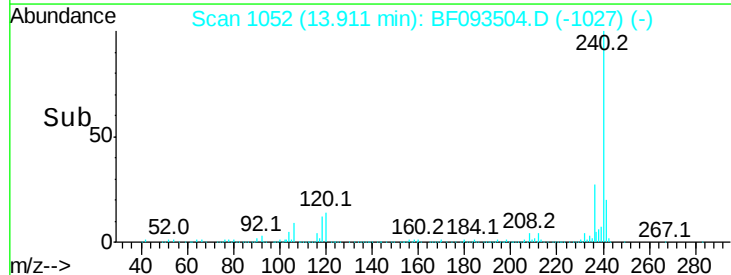
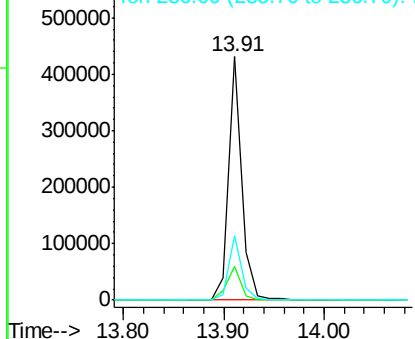


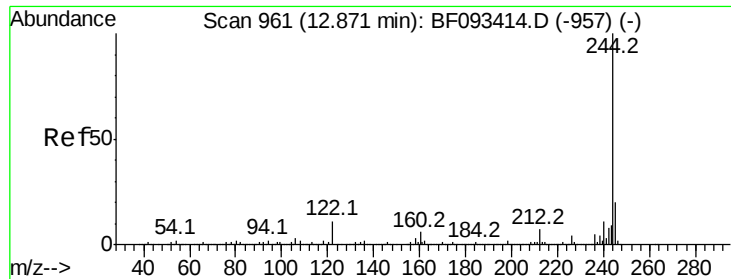
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF093504.D
Acq: 10 Mar 2017 4:31

Tgt Ion:240 Resp: 389686
Ion Ratio Lower Upper
240 100
120 14.0 12.9 19.3
236 26.7 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

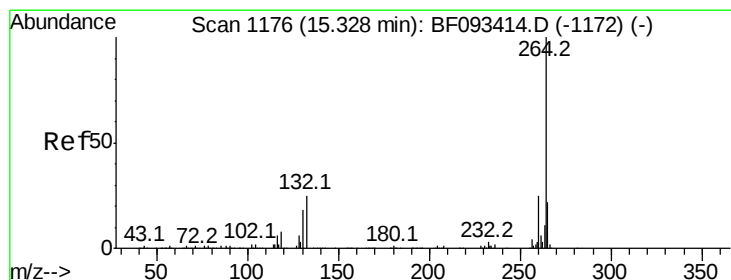
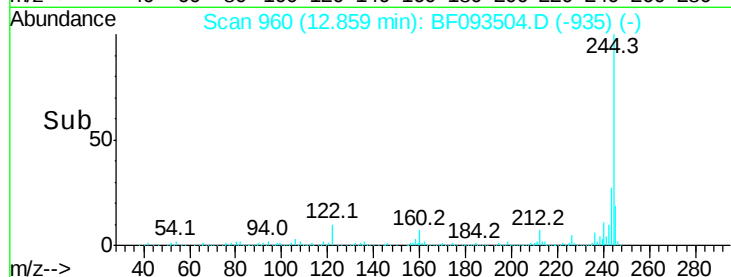
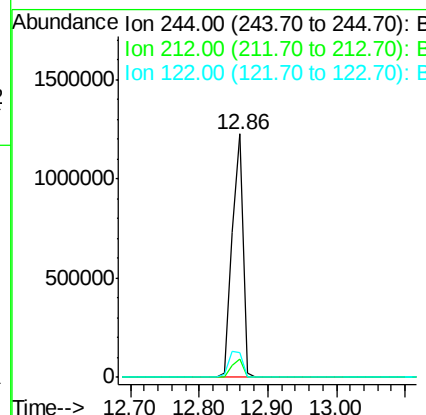
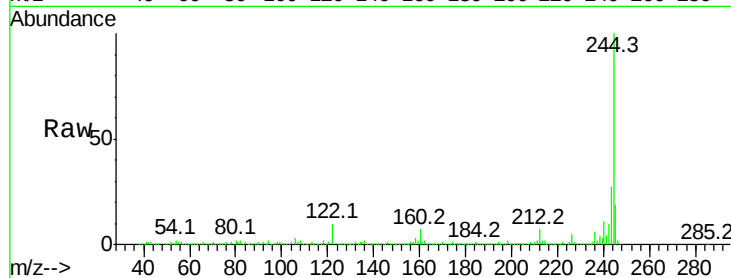




#78
 Terphenyl-d14
 Concen: 92.24 ng
 RT: 12.86 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF093504.D
 Acq: 10 Mar 2017 4:31

Instrument :
 BNA_F
 ClientSampleId :
 W-19

Tot Ion:244 Resp: 1382547
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 10.0 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF093504.D
 Acq: 10 Mar 2017 4:31

Tgt Ion:264 Resp: 354579
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 21.3 17.4 26.0

