

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031617\
 Data File : BF093707.D
 Acq On : 16 Mar 2017 15:47
 Operator : SJ/MA
 Sample : I2255-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-26

Quant Time: Mar 17 00:54:17 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

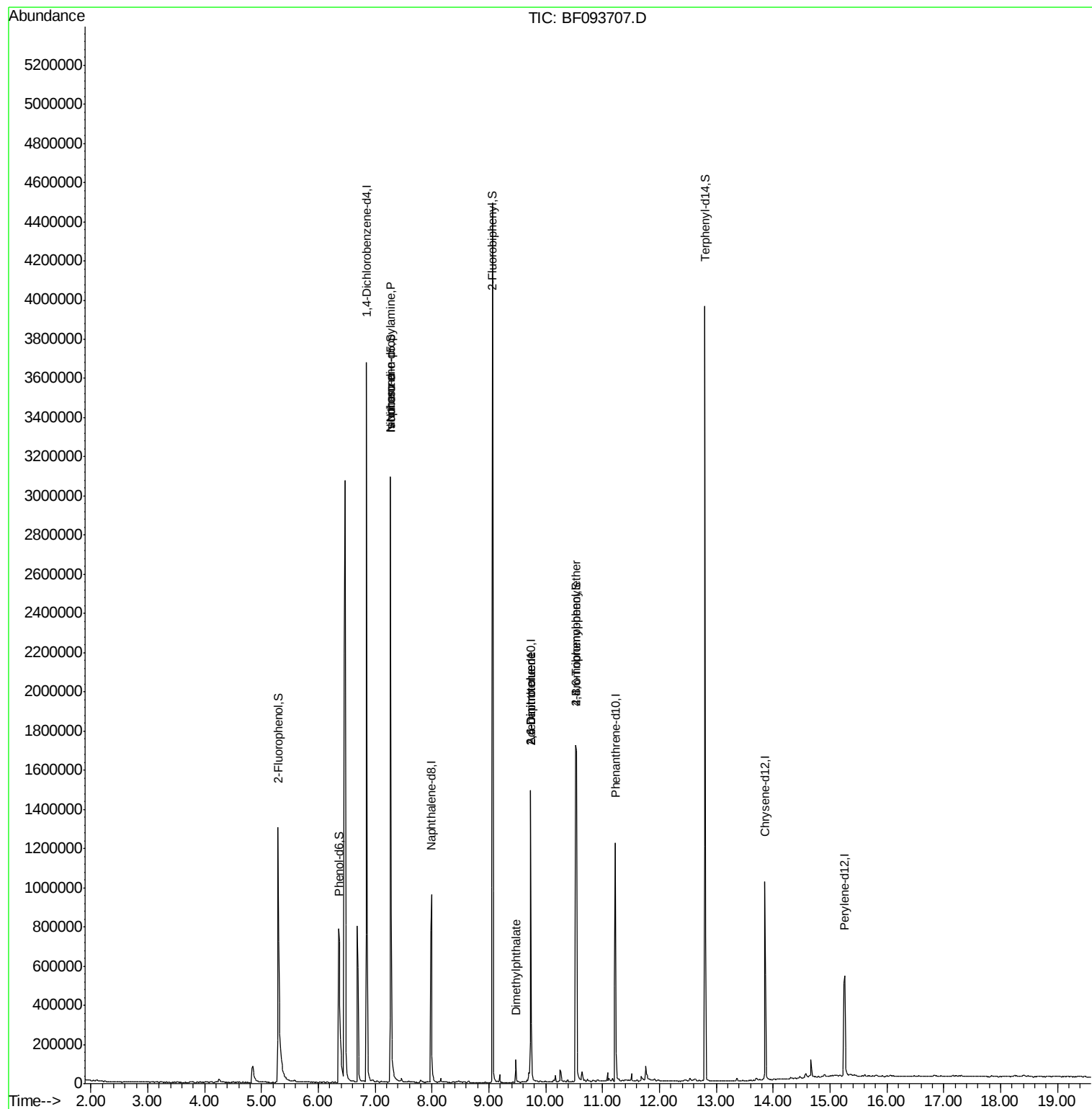
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	590054	20.00	ng	0.13
21) Naphthalene-d8	7.99	136	639078	20.00	ng	-0.02
38) Acenaphthene-d10	9.74	164	292833	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	516738	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	428568	20.00	ng	-0.03
86) Perylene-d12	15.26	264	301432	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	673559	19.00	ng	-0.02
7) Phenol-d6	6.37	99	594174	13.29	ng	-0.01
23) Nitrobenzene-d5	7.27	82	1116396	96.92	ng	-0.03
41) 2,4,6-Tribromophenol	10.54	330	326241	171.00	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1538343	97.71	ng	-0.02
78) Terphenyl-d14	12.80	244	1326971	80.50	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.37	77	975	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.27	70	153161	4.98	ng	# 83
25) Isophorone	7.27	82	1039551	44.76	ng	# 65
49) Dimethylphthalate	9.48	163	64559	3.33	ng	99
50) 2,6-Dinitrotoluene	9.74	165	37292	8.75	ng	# 31
56) 2,4-Dinitrotoluene	9.74	165	37292	7.13	ng	# 20
66) 4-Bromophenyl-phenylether	10.54	248	22572	4.13	ng	# 1

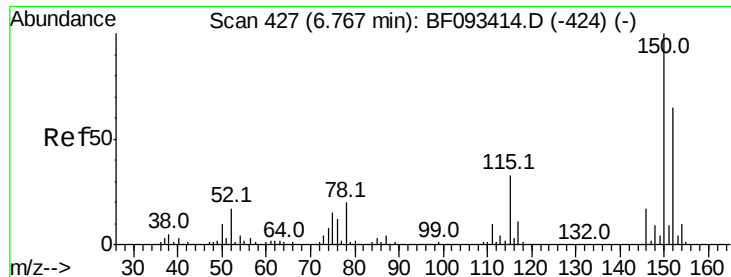
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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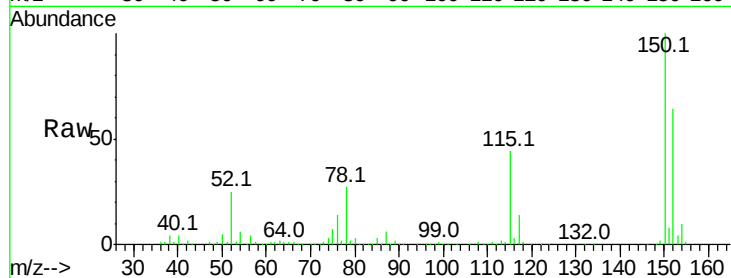


#1

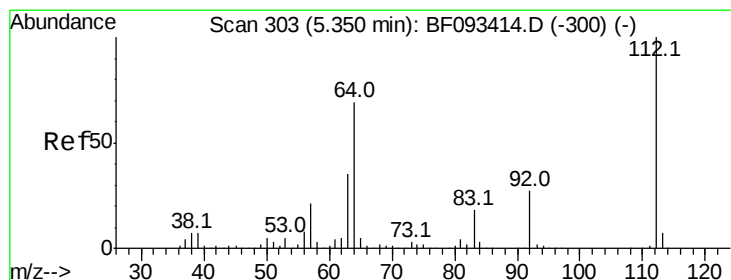
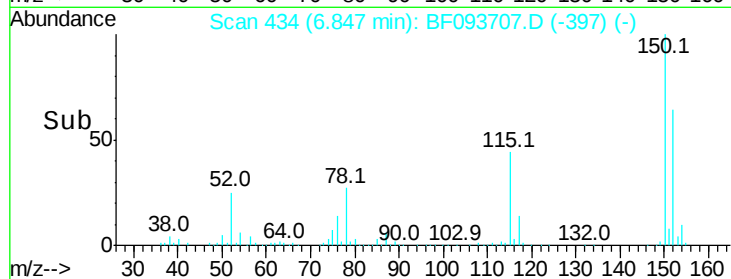
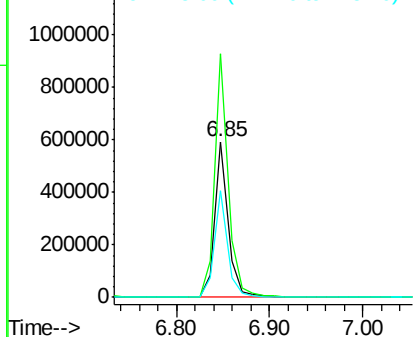
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 434
Delta R.T. 0.13 min
Lab File: BF093707.D
Acq: 16 Mar 2017 15:47

Instrument :
BNA_F
ClientSampleId :
W-26

Tot Ion:152 Resp: 590054
Ion Ratio Lower Upper
152 100
150 156.7 124.9 187.3
115 68.3 46.0 69.0



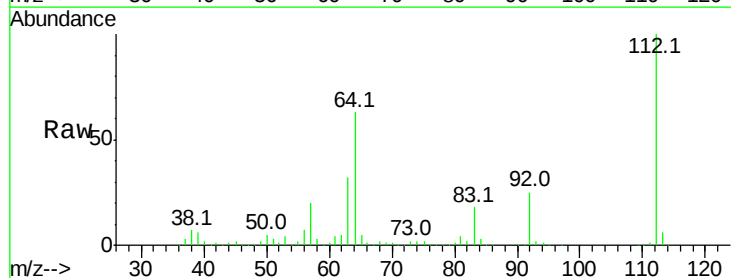
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



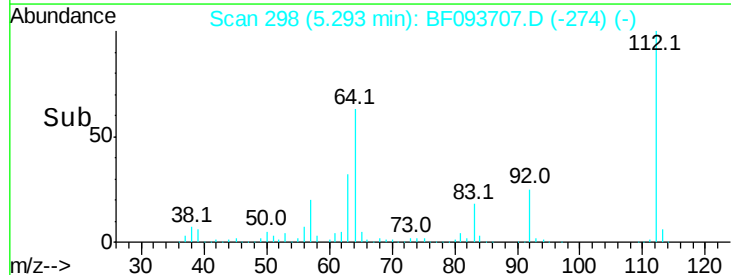
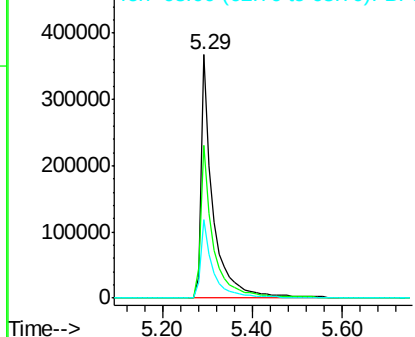
#5

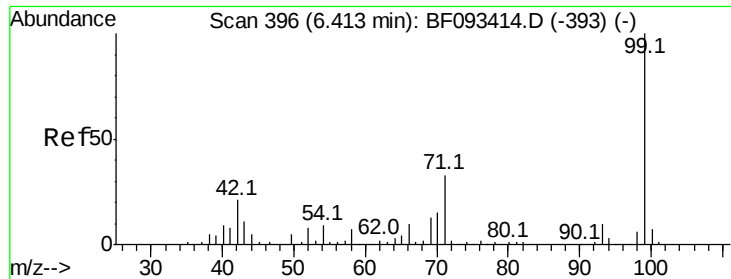
2-Fluorophenol
Concen: 19.00 ng
RT: 5.29 min Scan# 298
Delta R.T. -0.02 min
Lab File: BF093707.D
Acq: 16 Mar 2017 15:47

Tgt Ion:112 Resp: 673559
Ion Ratio Lower Upper
112 100
64 62.8 46.1 69.1
63 32.1 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: 13.29 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093707.D

Acq: 16 Mar 2017 15:47

Instrument :

BNA_F

ClientSampleId :

W-26

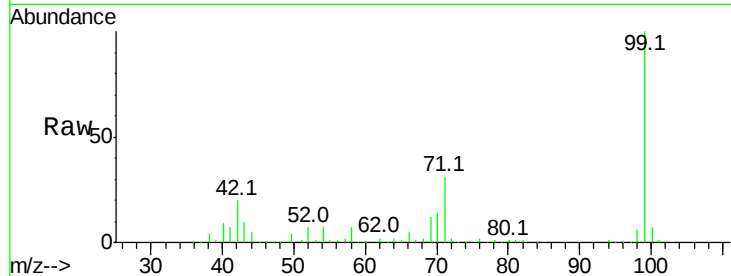
Tot Ion: 99 Resp: 594174

Ion Ratio Lower Upper

99 100

42 19.6 15.6 23.4

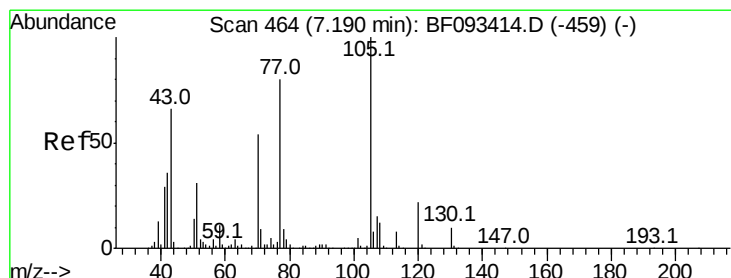
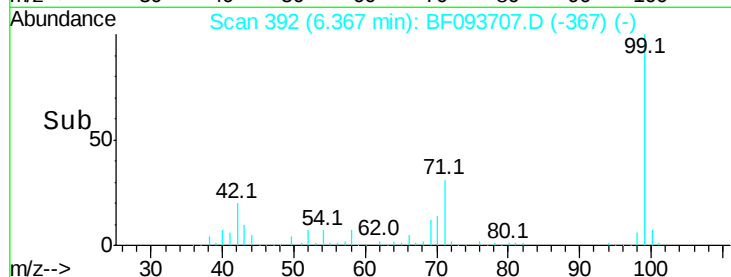
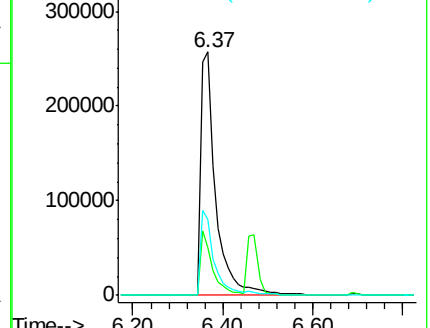
71 31.3 27.5 41.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 4.98 ng

RT: 7.27 min Scan# 471

Delta R.T. 0.13 min

Lab File: BF093707.D

Acq: 16 Mar 2017 15:47

Tgt Ion: 70 Resp: 153161

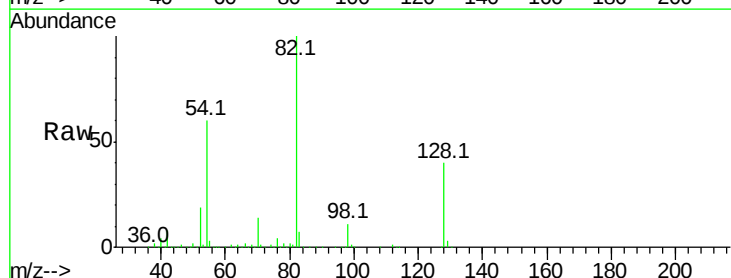
Ion Ratio Lower Upper

70 100

42 54.1 49.4 74.0

101 0.0 7.4 11.2#

130 1.8 14.2 21.4#

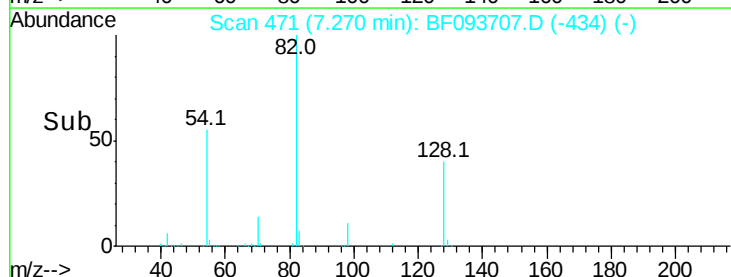
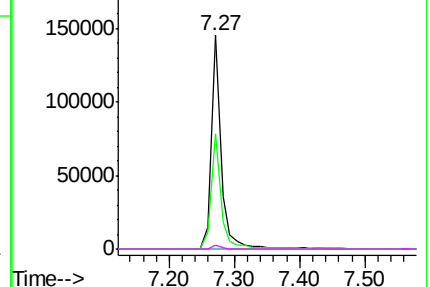


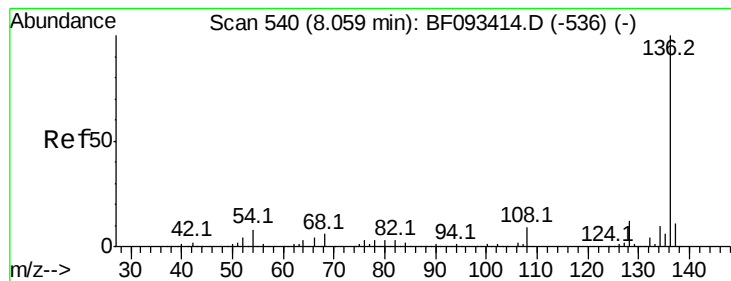
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

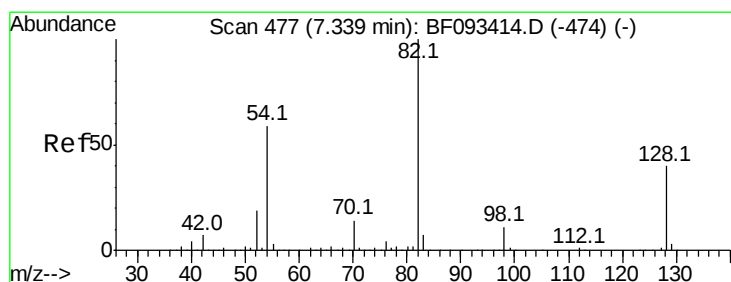
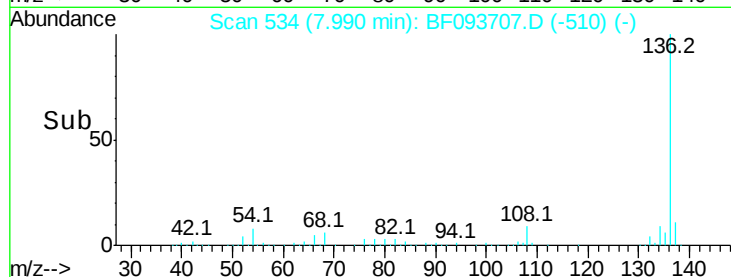
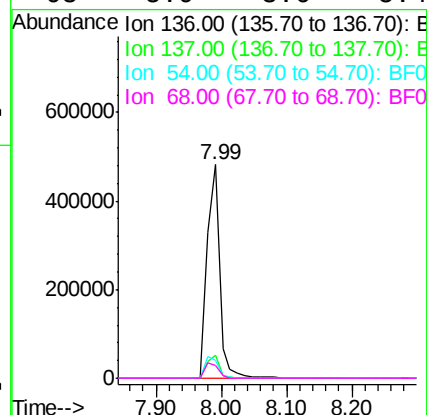
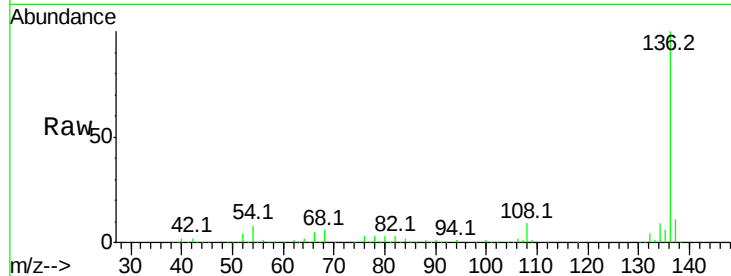




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 534
Delta R.T. -0.02 min
Lab File: BF093707.D
Acq: 16 Mar 2017 15:47

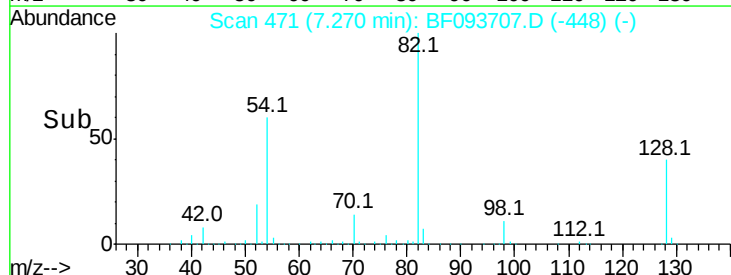
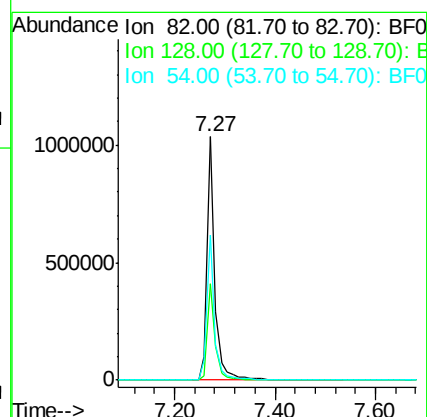
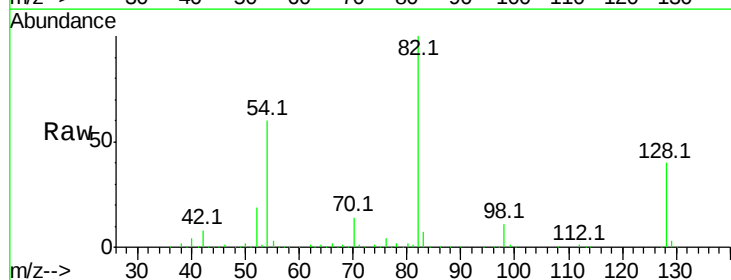
Instrument :
BNA_F
ClientSampleId :
W-26

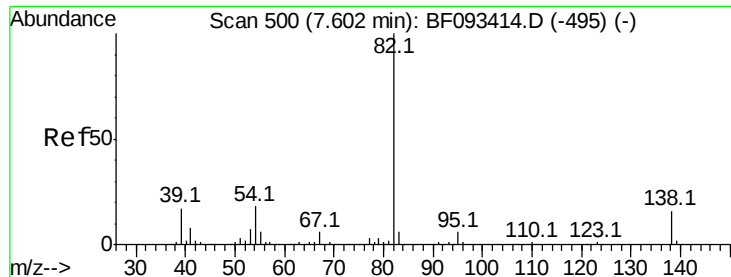
Tot Ion:	136	Resp:	639078
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	8.2	4.5	6.7#
68	5.9	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 96.92 ng
RT: 7.27 min Scan# 471
Delta R.T. -0.03 min
Lab File: BF093707.D
Acq: 16 Mar 2017 15:47

Tgt Ion:	82	Resp:	1116396
Ion	Ratio	Lower	Upper
82	100		
128	39.6	34.6	52.0
54	59.8	39.5	59.3#





#25

Isophorone

Concen: 44.76 ng

RT: 7.27 min Scan# 471

Delta R.T. -0.29 min

Lab File: BF093707.D

Acq: 16 Mar 2017 15:47

Instrument :

BNA_F

ClientSampleId :

W-26

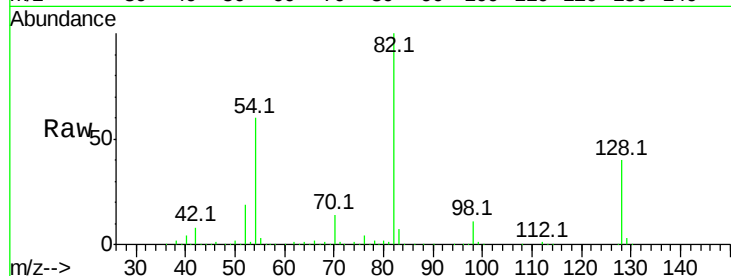
Tot Ion: 82 Resp: 1039551

Ion Ratio Lower Upper

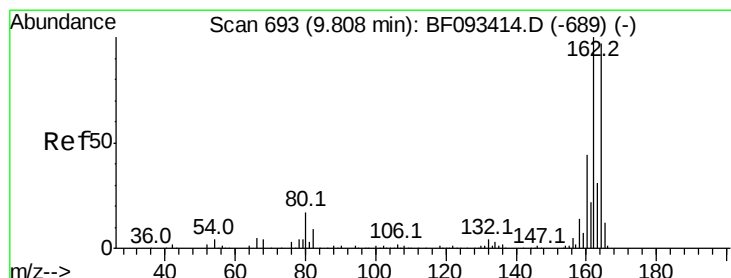
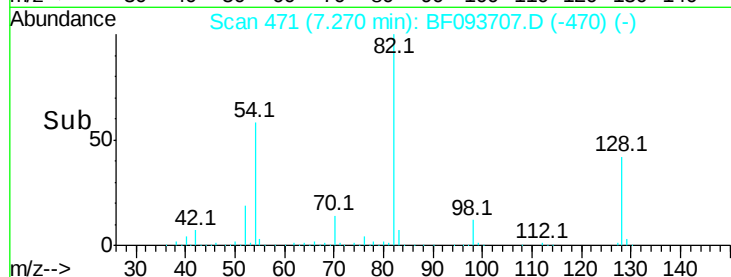
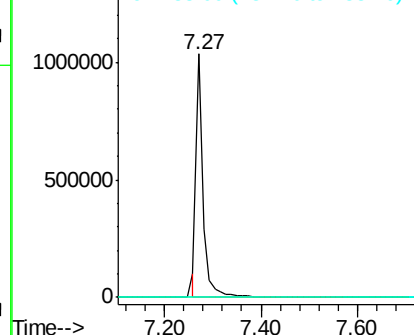
82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF093707.D

Acq: 16 Mar 2017 15:47

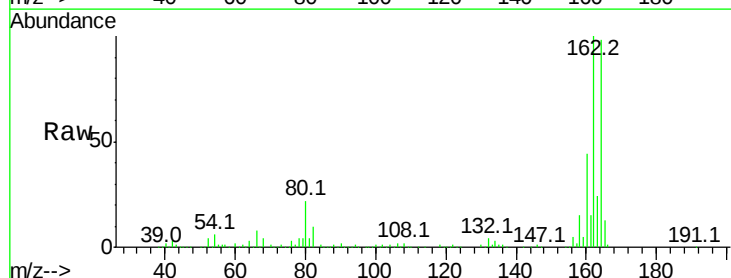
Tgt Ion:164 Resp: 292833

Ion Ratio Lower Upper

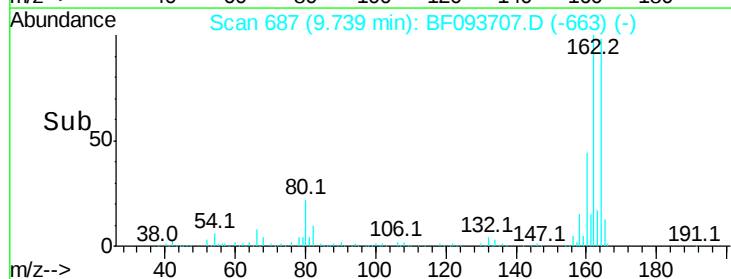
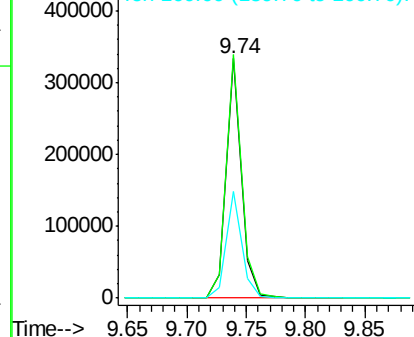
164 100

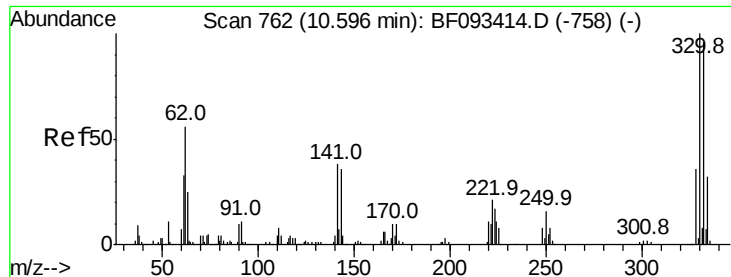
162 101.6 80.2 120.2

160 44.6 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

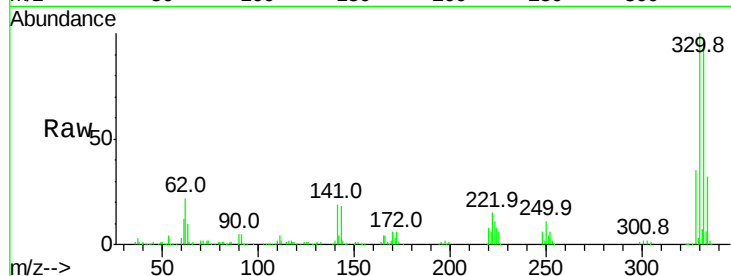




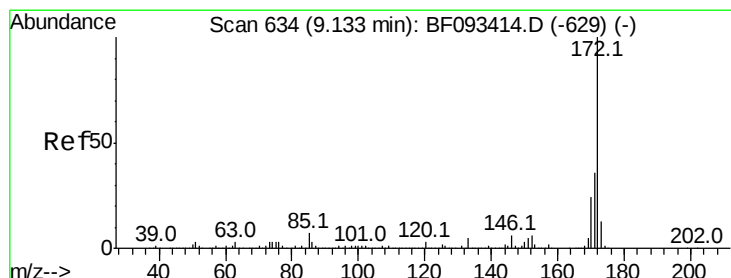
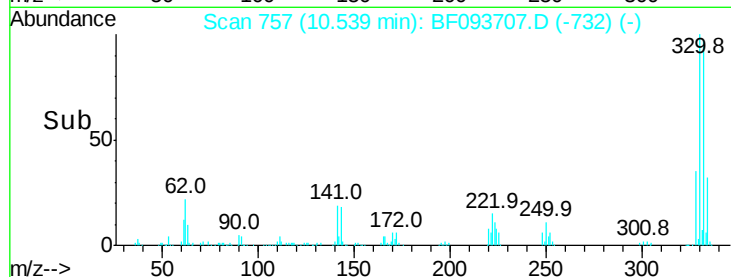
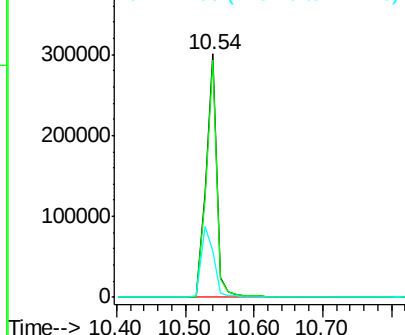
#41
 2,4,6-Tribromophenol
 Concen: 171.00 ng
 RT: 10.54 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF093707.D
 Acq: 16 Mar 2017 15:47

Instrument :
 BNA_F
 ClientSampleId :
 W-26

Tot Ion:330 Resp: 326241
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.2
 141 33.6 34.1 51.1#

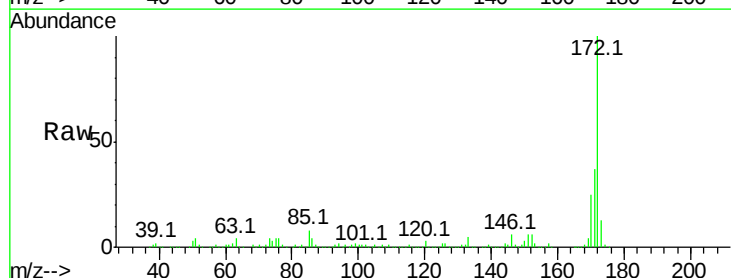


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

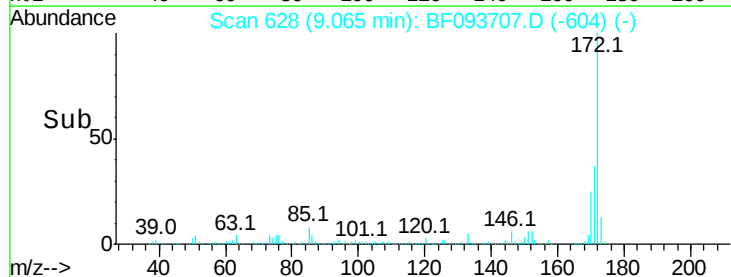
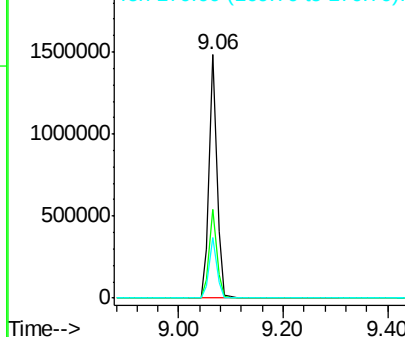


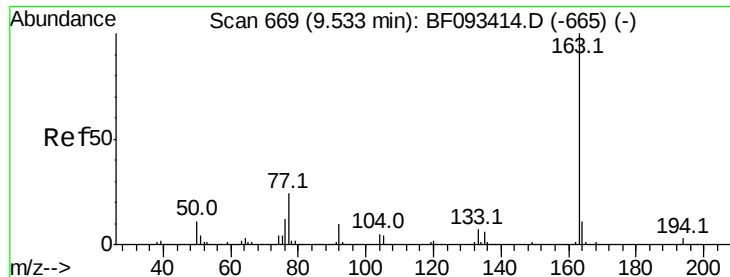
#44
 2-Fluorobiphenyl
 Concen: 97.71 ng
 RT: 9.06 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF093707.D
 Acq: 16 Mar 2017 15:47

Tgt Ion:172 Resp: 1538343
 Ion Ratio Lower Upper
 172 100
 171 36.7 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

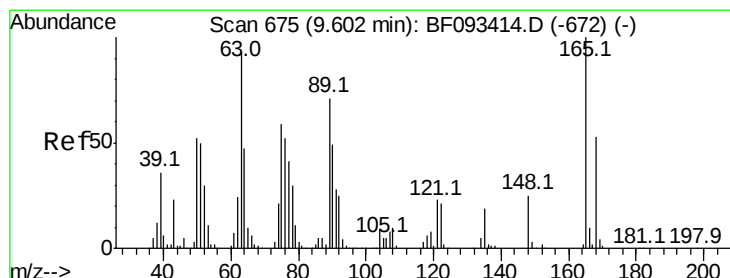
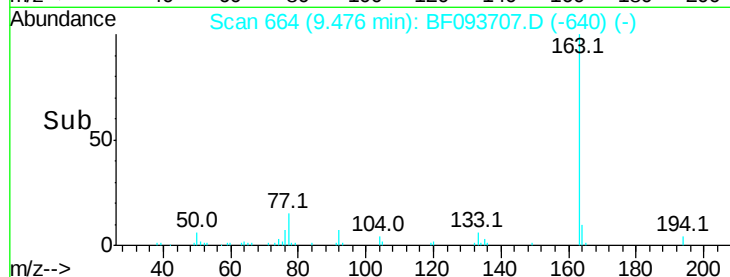
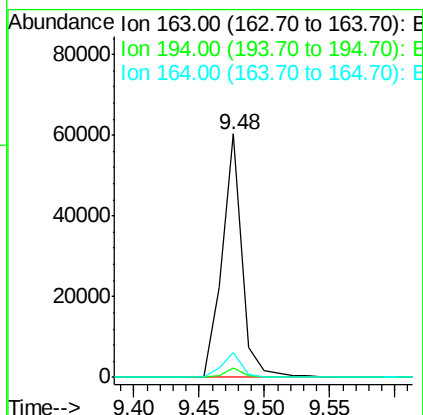
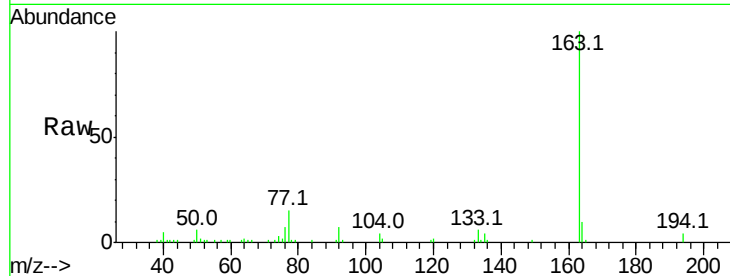




#49
Dimethylphthalate
Concen: 3.33 ng
RT: 9.48 min Scan# 664
Delta R.T. -0.02 min
Lab File: BF093707.D
Acq: 16 Mar 2017 15:47

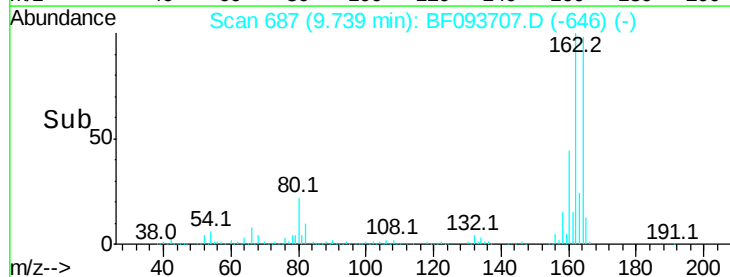
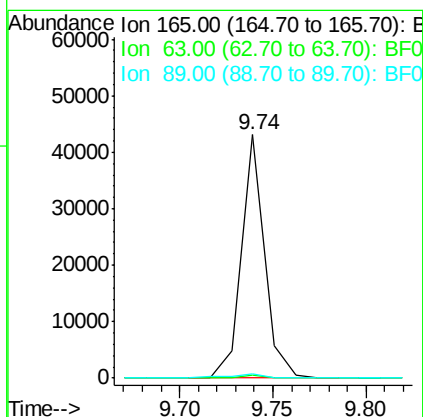
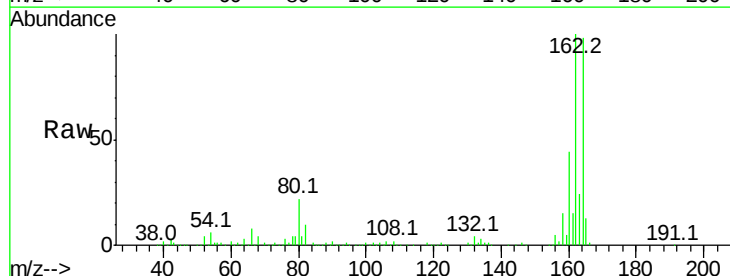
Instrument :
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W-26

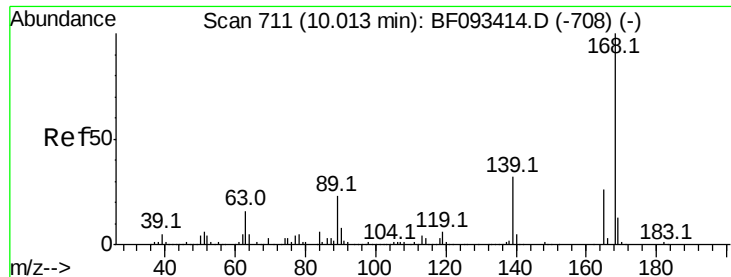
Tot Ion:163 Resp: 64559
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.3 8.0 12.0



#50
2,6-Dinitrotoluene
Concen: 8.75 ng
RT: 9.74 min Scan# 687
Delta R.T. 0.17 min
Lab File: BF093707.D
Acq: 16 Mar 2017 15:47

Tgt Ion:165 Resp: 37292
Ion Ratio Lower Upper
165 100
63 1.4 36.2 54.4#
89 1.7 40.2 60.4#

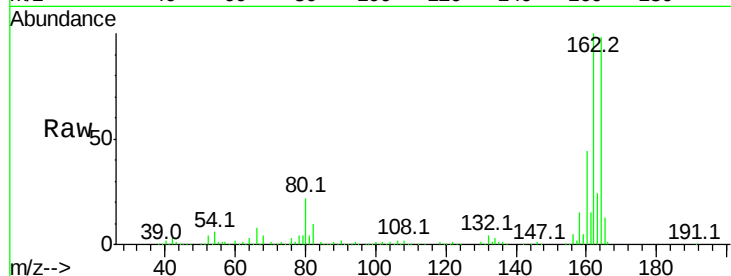




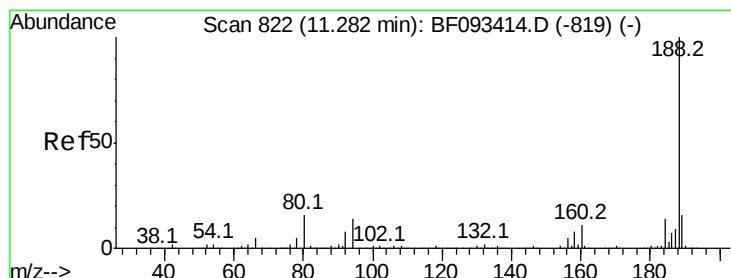
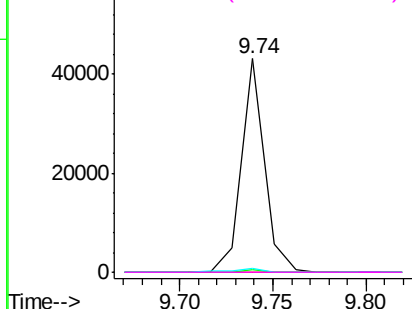
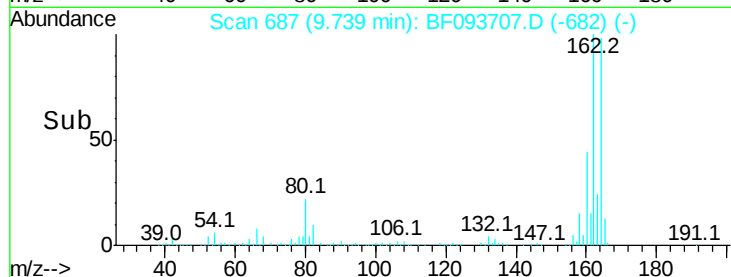
#56
 2,4-Dinitrotoluene
 Concen: 7.13 ng
 RT: 9.74 min Scan# 687
 Delta R.T. -0.24 min
 Lab File: BF093707.D
 Acq: 16 Mar 2017 15:47

Instrument :
 BNA_F
 ClientSampleId :
 W-26

Tot Ion:165 Resp: 37292
 Ion Ratio Lower Upper
 165 100
 63 1.4 40.2 60.4#
 89 1.7 62.5 93.7#
 182 0.0 1.8 2.8#

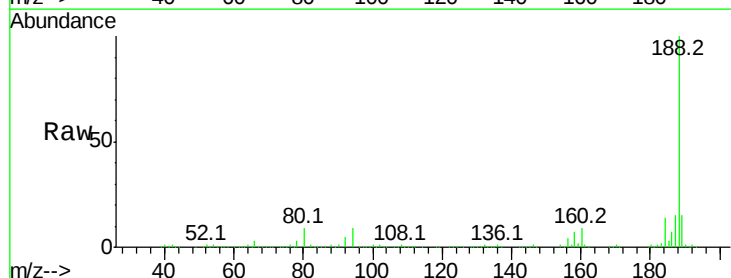


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

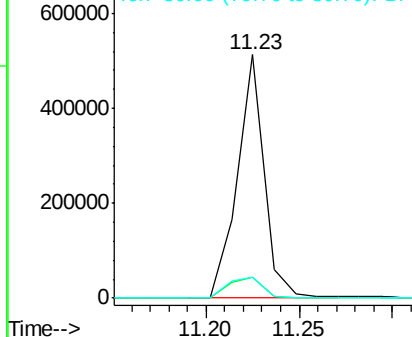
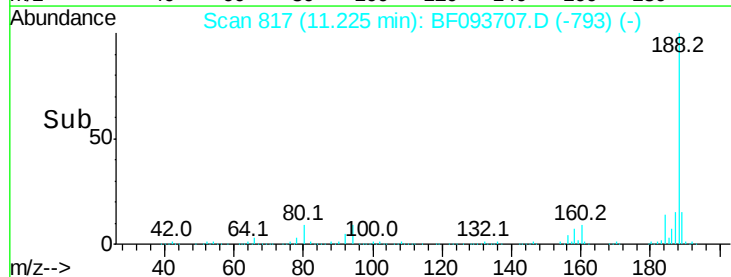


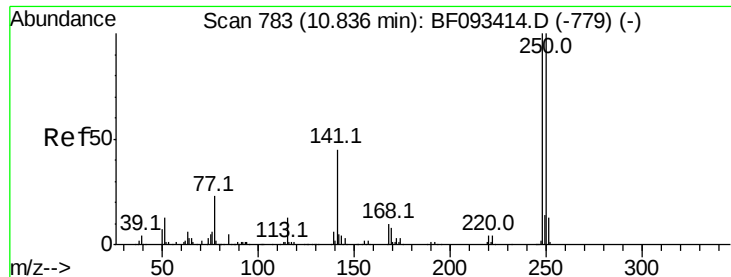
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.23 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BF093707.D
 Acq: 16 Mar 2017 15:47

Tgt Ion:188 Resp: 516738
 Ion Ratio Lower Upper
 188 100
 94 8.8 10.0 15.0#
 80 8.8 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: 4.13 ng

RT: 10.54 min Scan# 757

Delta R.T. -0.25 min

Lab File: BF093707.D

Acq: 16 Mar 2017 15:47

Instrument :

BNA_F

ClientSampleId :

W-26

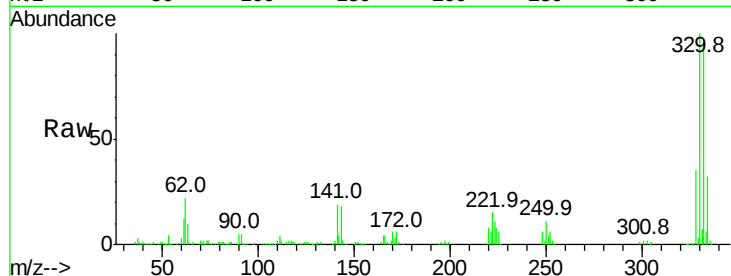
Tot Ion:248 Resp: 22572

Ion Ratio Lower Upper

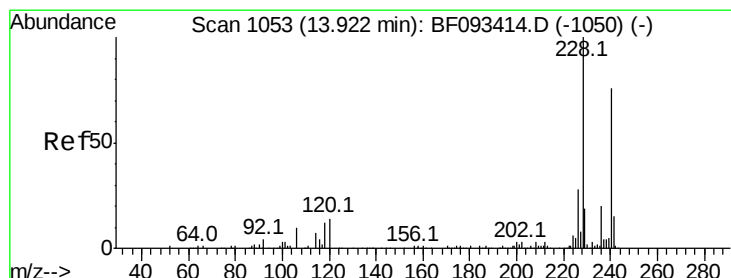
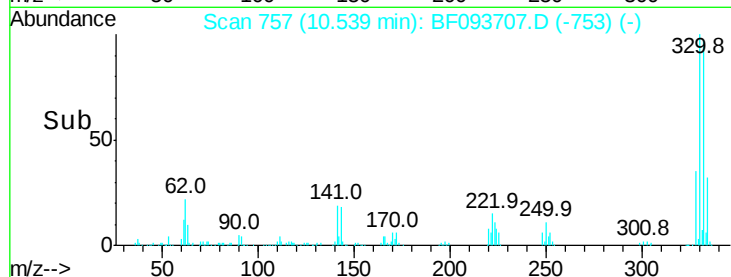
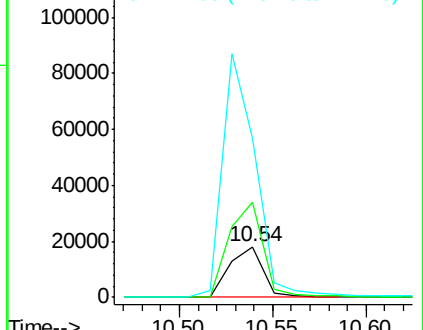
248 100

250 188.5 76.9 115.3#

141 315.3 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: 13.85 min Scan# 1047

Delta R.T. -0.03 min

Lab File: BF093707.D

Acq: 16 Mar 2017 15:47

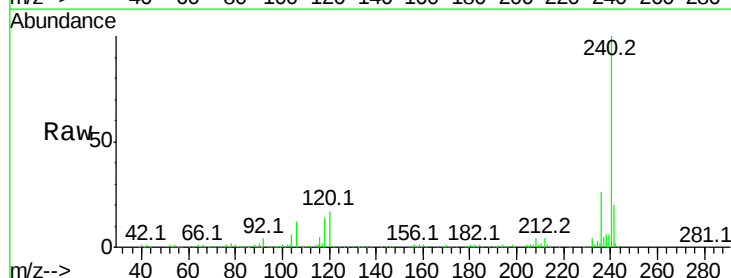
Tgt Ion:240 Resp: 428568

Ion Ratio Lower Upper

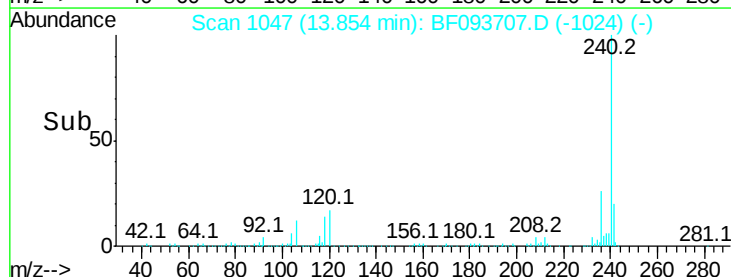
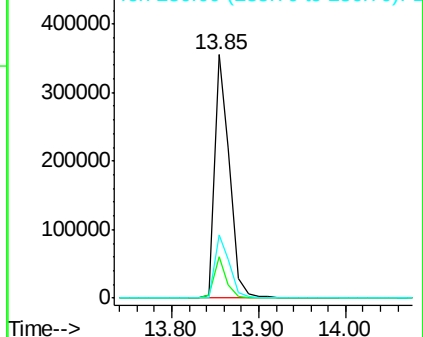
240 100

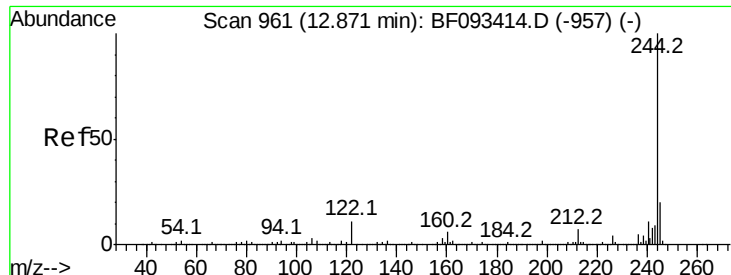
120 16.9 12.9 19.3

236 26.0 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: 80.50 ng

RT: 12.80 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF093707.D

Acq: 16 Mar 2017 15:47

Instrument :

BNA_F

ClientSampleId :

W-26

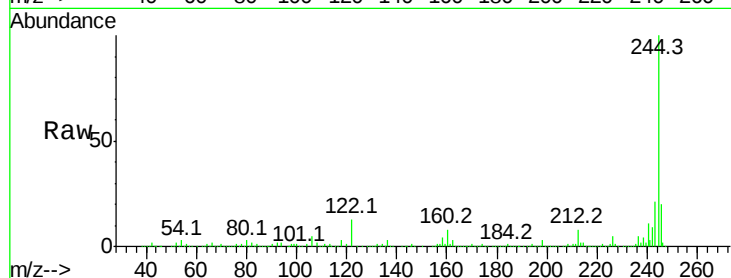
Tot Ion:244 Resp: 1326971

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

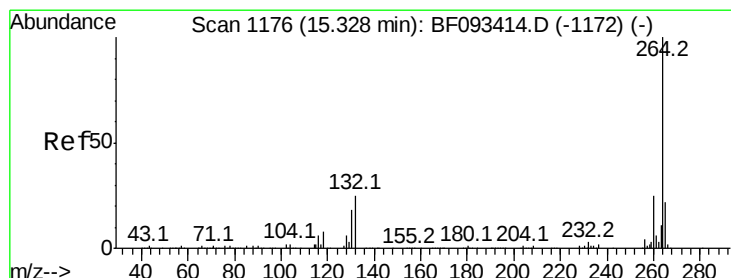
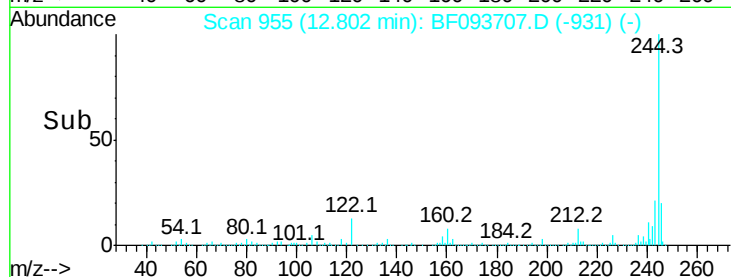
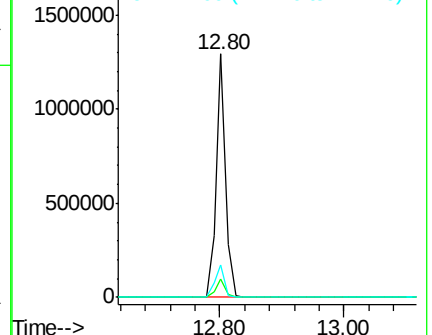
122 13.1 11.4 17.2



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

Perylene-d12

Concen: 20.00 ng

RT: 15.26 min Scan# 1170

Delta R.T. -0.02 min

Lab File: BF093707.D

Acq: 16 Mar 2017 15:47

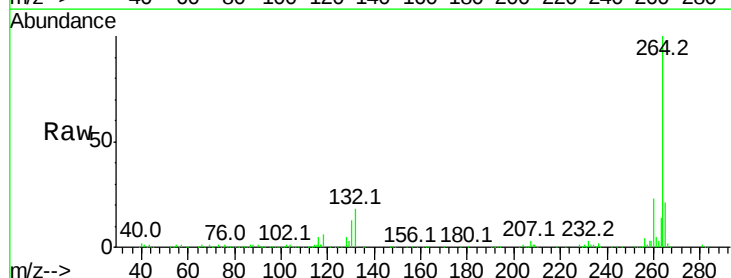
Tgt Ion:264 Resp: 301432

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.4 17.4 26.0



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

