

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
 Data File : BF093486.D
 Acq On : 9 Mar 2017 20:17
 Operator : SJ/MA
 Sample : PB97460BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97460BL

Quant Time: Mar 09 23:51:20 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

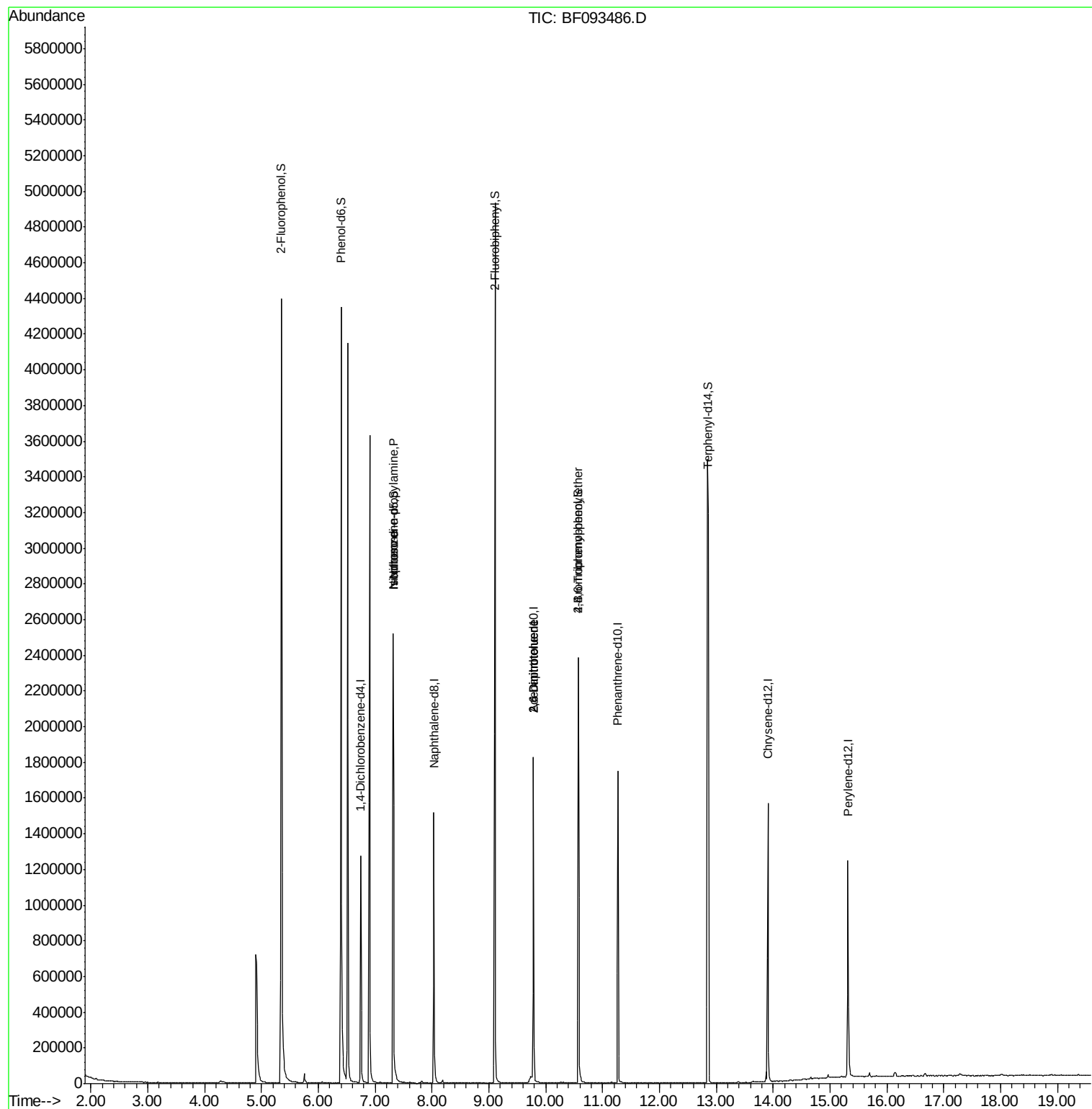
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	196716	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	754338	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	366162	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	692099	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	615887	20.00	ng	-0.01
86) Perylene-d12	15.32	264	515073	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1326943	112.27	ng	0.00
7) Phenol-d6	6.40	99	1642763	110.22	ng	-0.01
23) Nitrobenzene-d5	7.32	82	1070153	78.71	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	302215	126.68	ng	-0.02
44) 2-Fluorobiphenyl	9.11	172	1631801	82.89	ng	-0.02
78) Terphenyl-d14	12.86	244	1604484	67.73	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.40	77	2195	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.32	70	140179	13.68	ng	# 84
25) Isophorone	7.32	82	1037010	37.83	ng	# 65
50) 2,6-Dinitrotoluene	9.78	165	47288	8.88	ng	# 31
56) 2,4-Dinitrotoluene	9.78	165	47280	7.23	ng	# 20
66) 4-Bromophenyl-phenylether	10.57	248	21583	2.95	ng	# 1

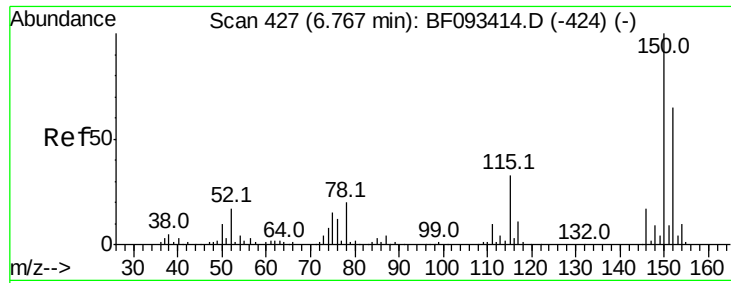
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093486.D

Acq: 9 Mar 2017 20:17

Instrument :

BNA_F

ClientSampleId :

PB97460BL

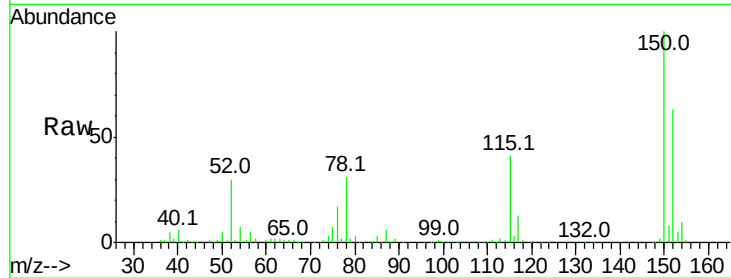
Tot Ion:152 Resp: 196716

Ion Ratio Lower Upper

152 100

150 159.7 124.9 187.3

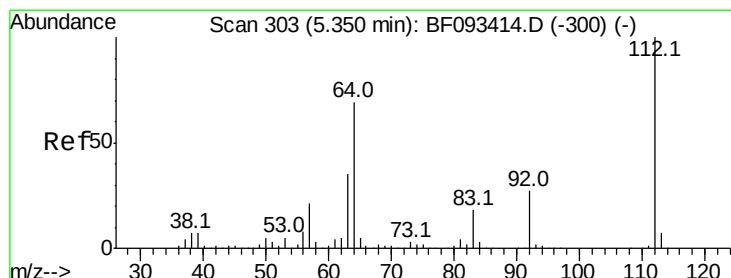
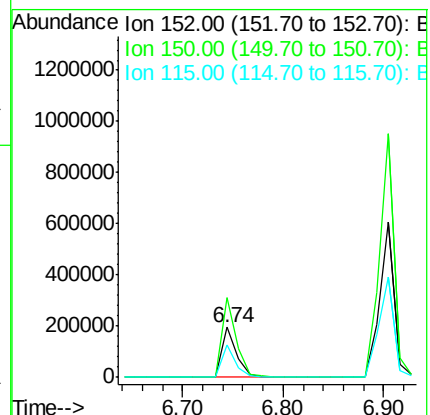
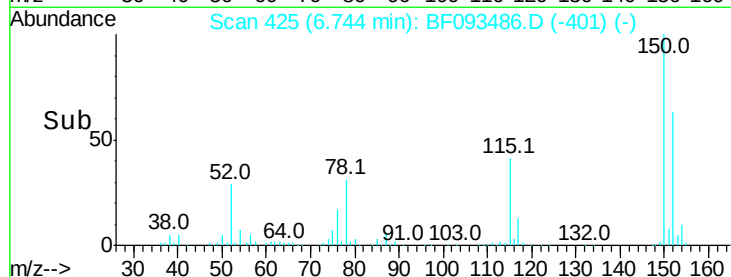
115 65.4 46.0 69.0



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: 112.27 ng

RT: 5.35 min Scan# 303

Delta R.T. -0.00 min

Lab File: BF093486.D

Acq: 9 Mar 2017 20:17

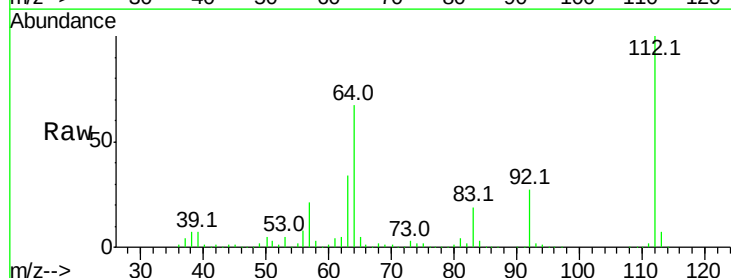
Tgt Ion:112 Resp: 1326943

Ion Ratio Lower Upper

112 100

64 67.1 46.1 69.1

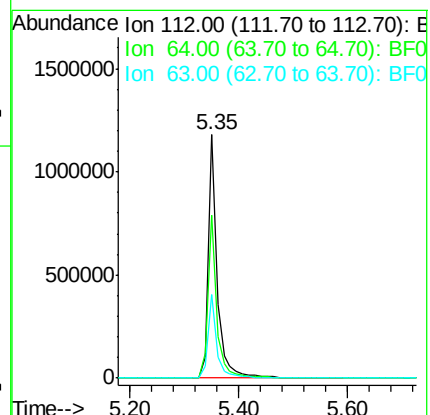
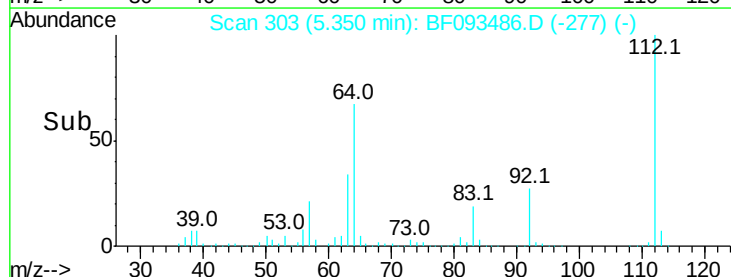
63 34.3 23.8 35.6

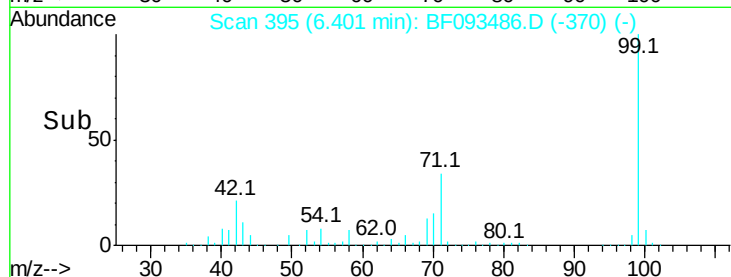
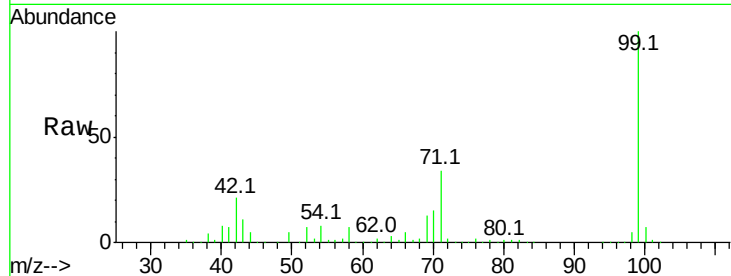
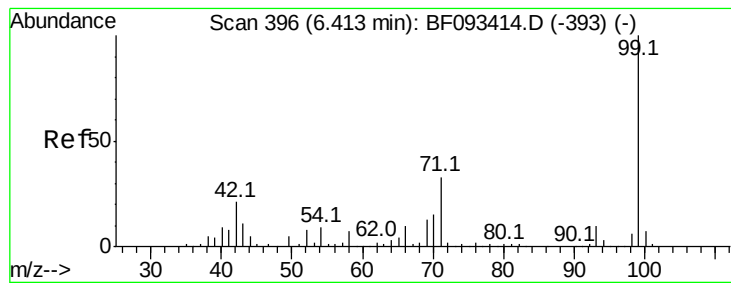


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.22 ng

RT: 6.40 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF093486.D

Acq: 9 Mar 2017 20:17

Instrument :

BNA_F

ClientSampleId :

PB97460BL

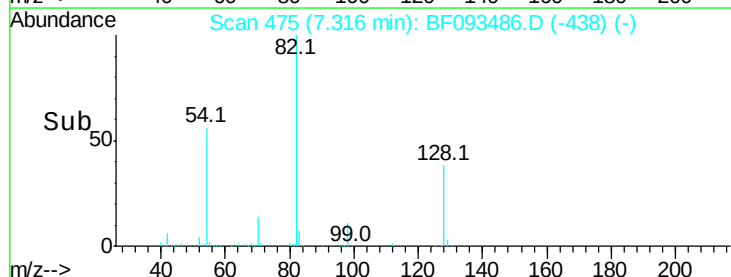
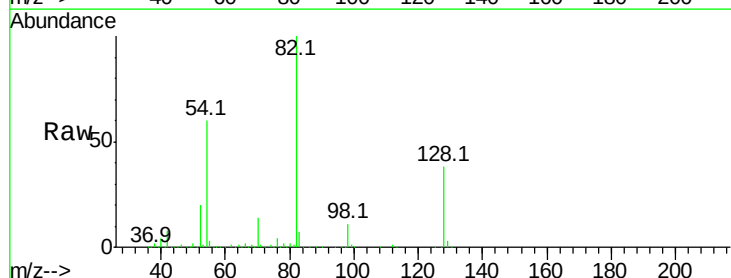
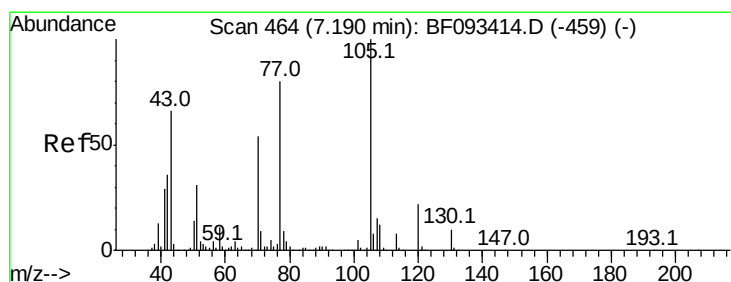
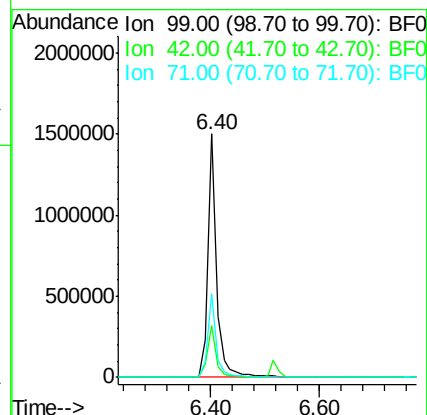
Tot Ion: 99 Resp: 1642763

Ion Ratio Lower Upper

99 100

42 21.3 15.6 23.4

71 34.2 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 13.68 ng

RT: 7.32 min Scan# 475

Delta R.T. 0.13 min

Lab File: BF093486.D

Acq: 9 Mar 2017 20:17

Tgt Ion: 70 Resp: 140179

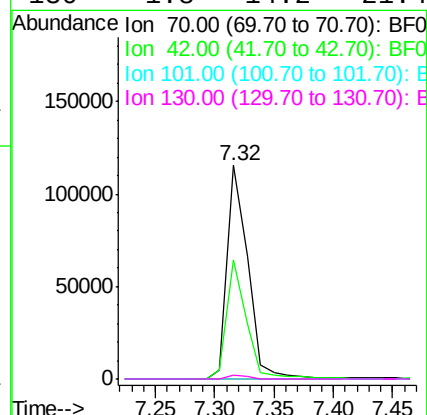
Ion Ratio Lower Upper

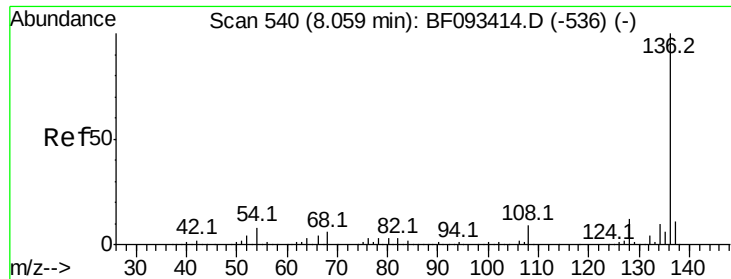
70 100

42 55.5 49.4 74.0

101 0.0 7.4 11.2#

130 1.8 14.2 21.4#

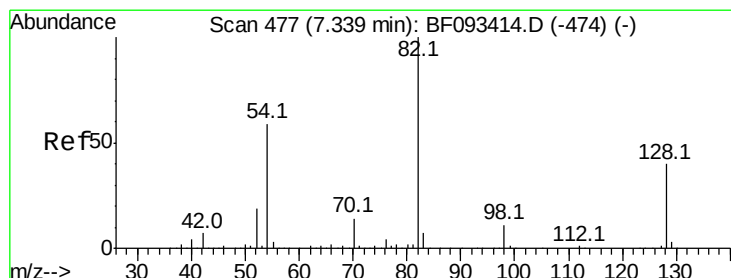
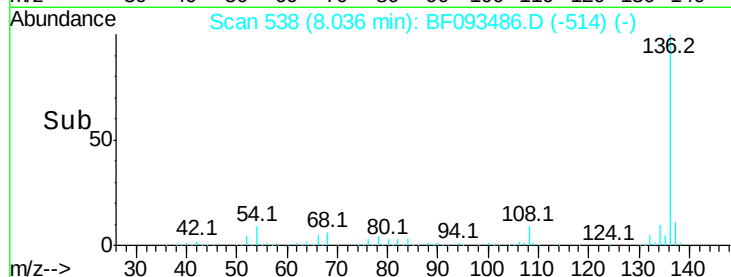
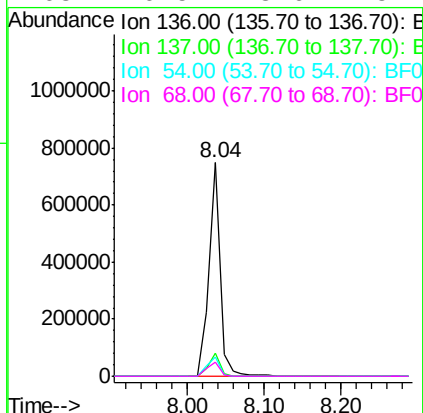
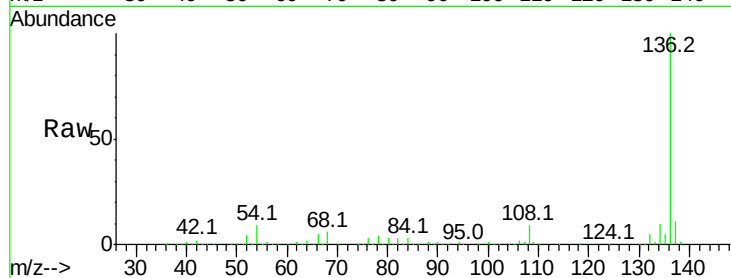




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF093486.D
Acq: 9 Mar 2017 20:17

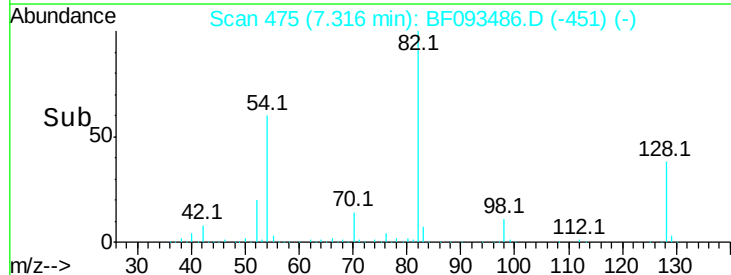
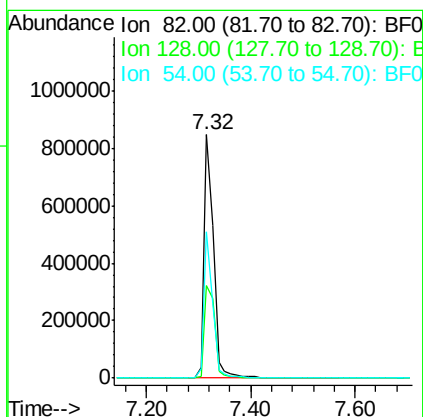
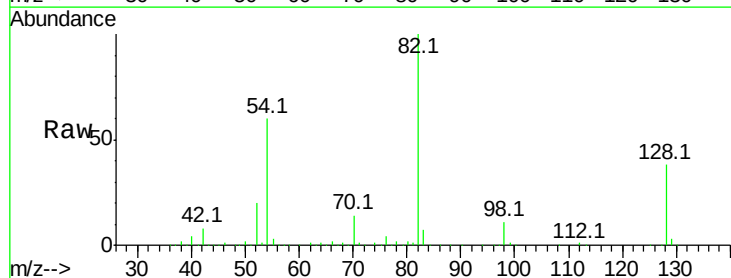
Instrument :
BNA_F
ClientSampleId :
PB97460BL

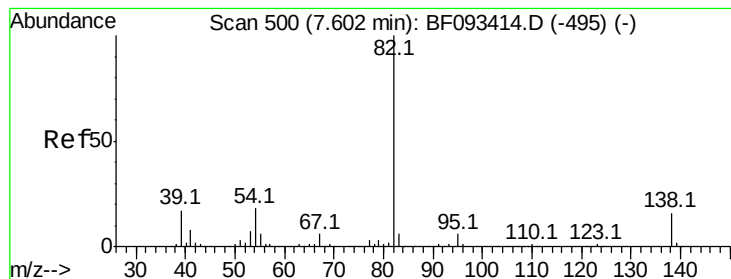
Tot Ion:	136	Resp:	754338
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	8.9	4.5	6.7#
68	6.5	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 78.71 ng
RT: 7.32 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF093486.D
Acq: 9 Mar 2017 20:17

Tgt Ion:	82	Resp:	1070153
Ion	Ratio	Lower	Upper
82	100		
128	37.8	34.6	52.0
54	60.1	39.5	59.3#





#25

Isophorone

Concen: 37.83 ng

RT: 7.32 min Scan# 475

Delta R.T. -0.29 min

Lab File: BF093486.D

Acq: 9 Mar 2017 20:17

Instrument :

BNA_F

ClientSampleId :

PB97460BL

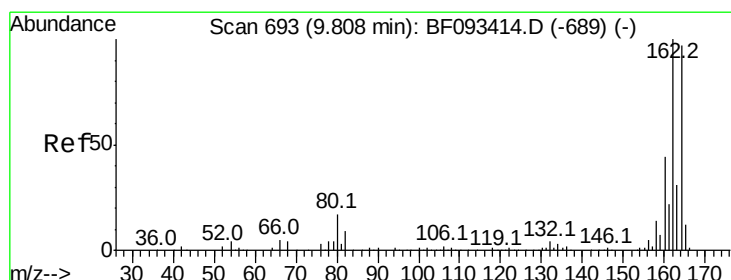
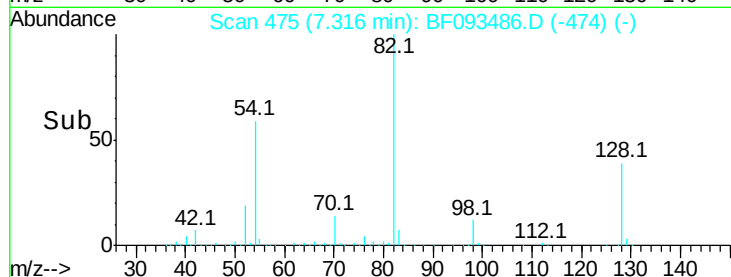
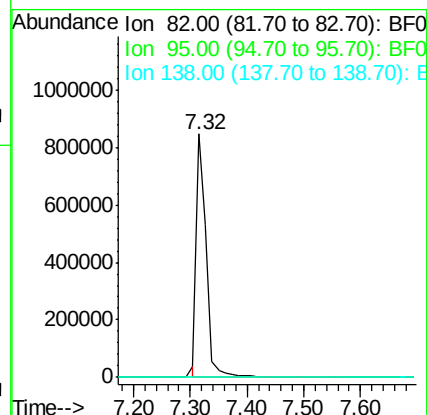
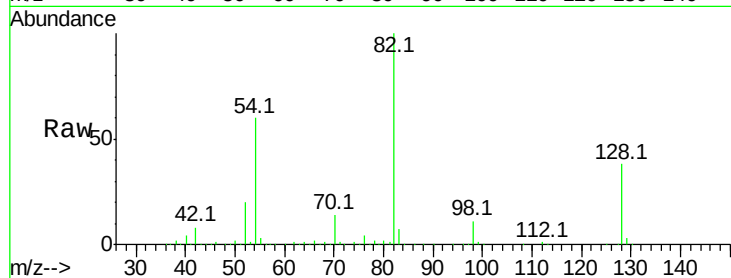
Tot Ion: 82 Resp: 1037010

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 691

Delta R.T. -0.02 min

Lab File: BF093486.D

Acq: 9 Mar 2017 20:17

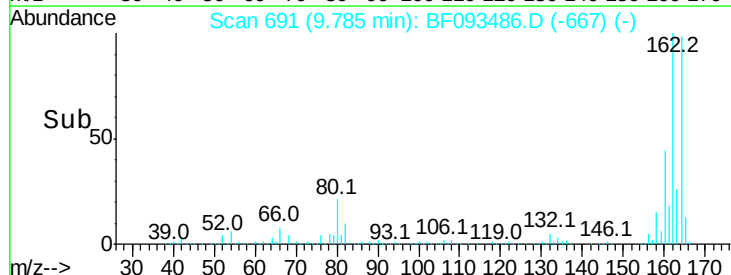
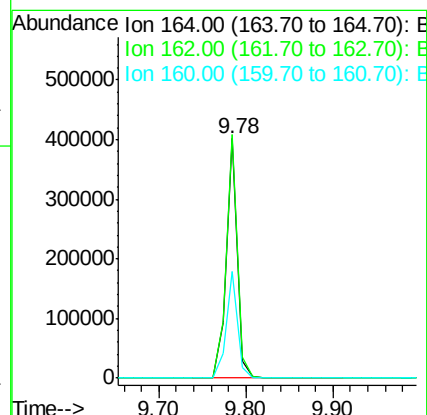
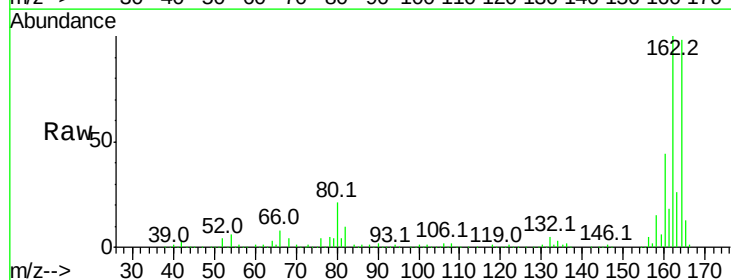
Tgt Ion:164 Resp: 366162

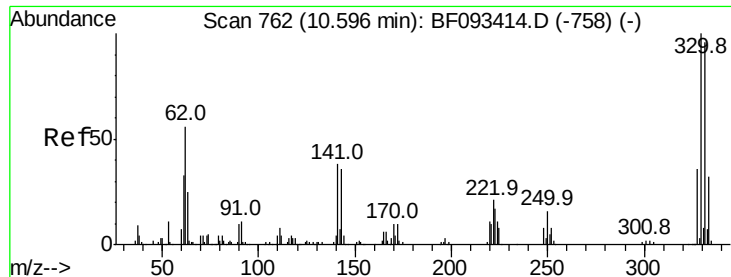
Ion Ratio Lower Upper

164 100

162 101.7 80.2 120.2

160 44.7 36.9 55.3

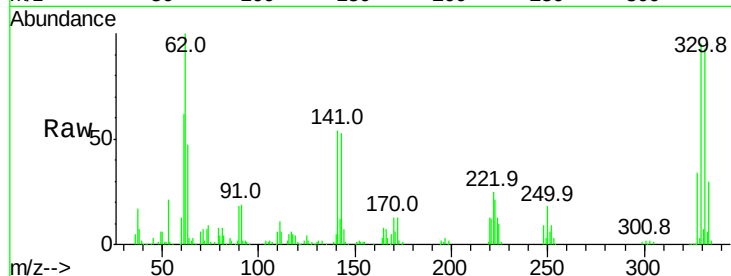




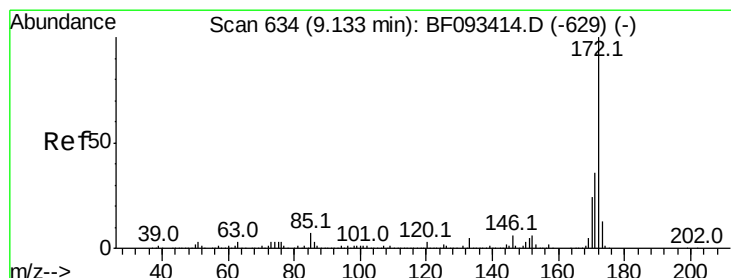
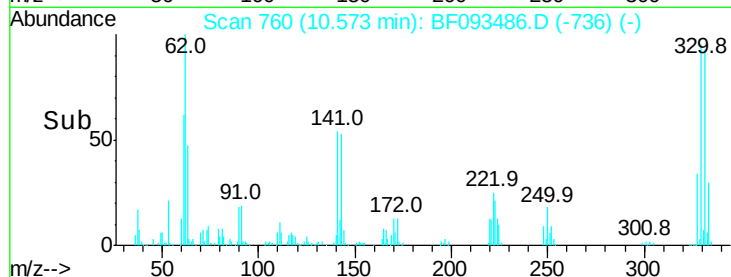
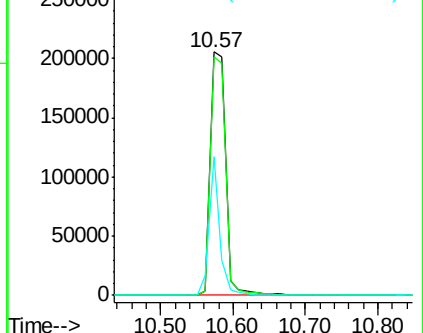
#41
 2,4,6-Tribromophenol
 Concen: 126.68 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF093486.D
 Acq: 9 Mar 2017 20:17

Instrument :
 BNA_F
 ClientSampleId :
 PB97460BL

Tot Ion:330 Resp: 302215
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.4 116.2
 141 39.6 34.1 51.1

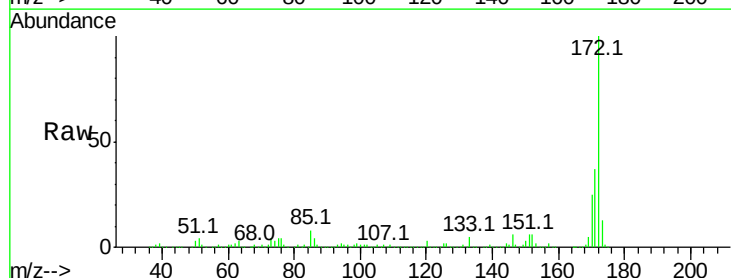


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

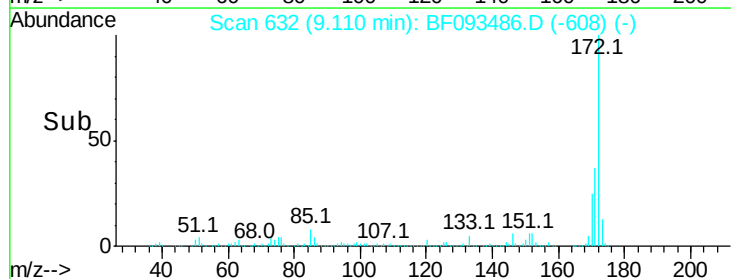
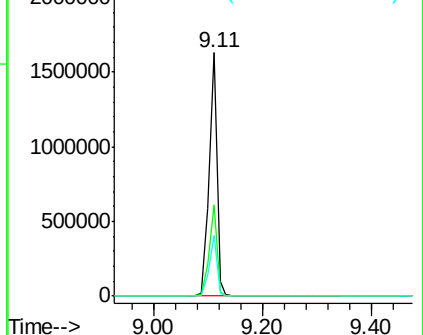


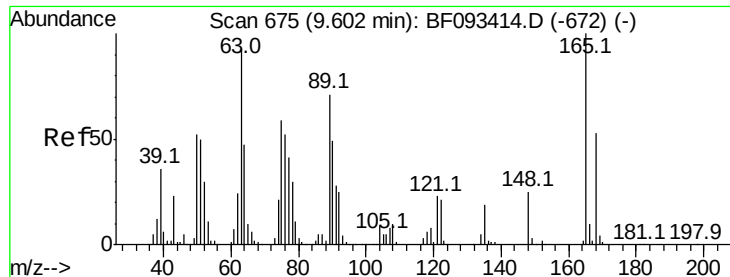
#44
 2-Fluorobiphenyl
 Concen: 82.89 ng
 RT: 9.11 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF093486.D
 Acq: 9 Mar 2017 20:17

Tgt Ion:172 Resp: 1631801
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.4 44.0
 170 25.0 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

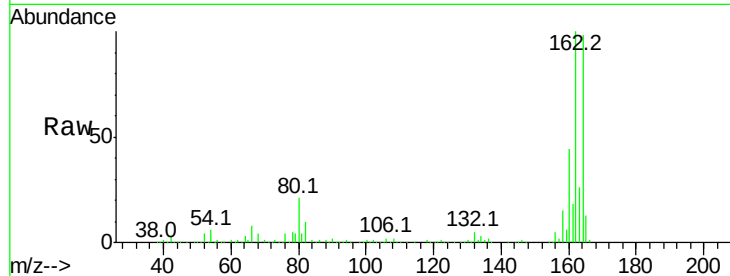




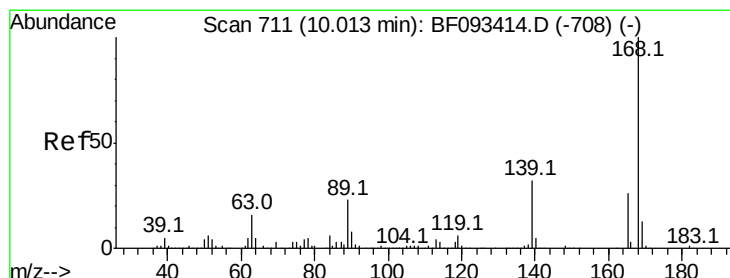
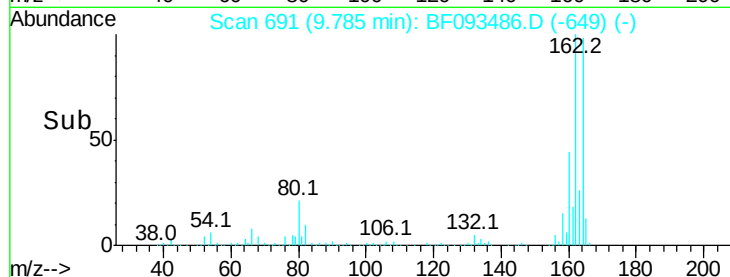
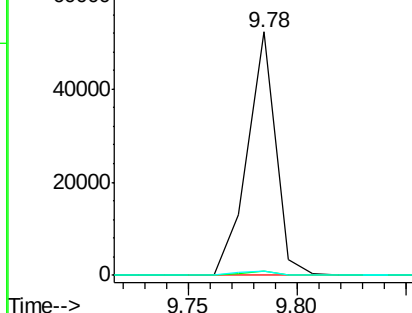
#50
2,6-Dinitrotoluene
Concen: 8.88 ng
RT: 9.78 min Scan# 691
Delta R.T. 0.18 min
Lab File: BF093486.D
Acq: 9 Mar 2017 20:17

Instrument :
BNA_F
ClientSampleId :
PB97460BL

Tot Ion:165 Resp: 47288
Ion Ratio Lower Upper
165 100
63 1.5 36.2 54.4#
89 1.7 40.2 60.4#

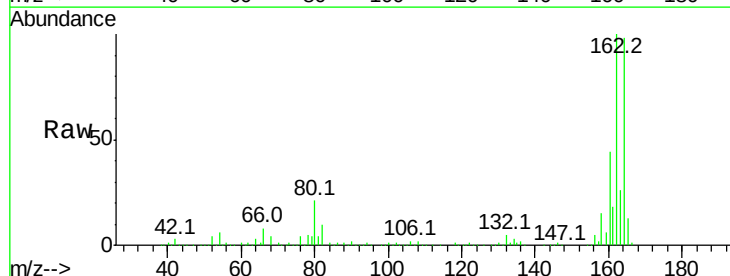


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

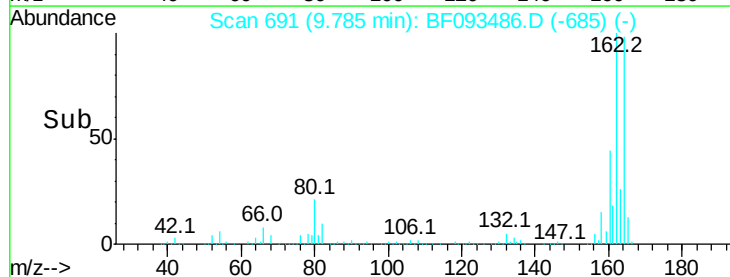
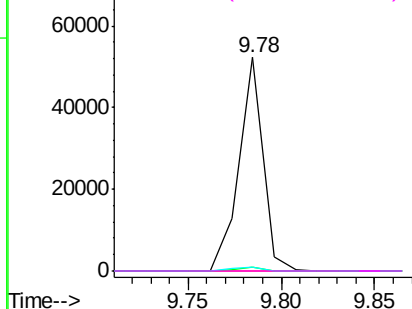


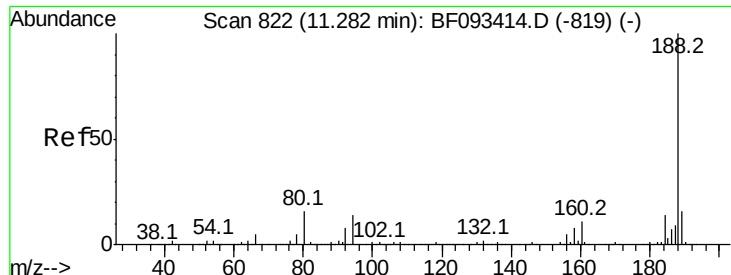
#56
2,4-Dinitrotoluene
Concen: 7.23 ng
RT: 9.78 min Scan# 691
Delta R.T. -0.23 min
Lab File: BF093486.D
Acq: 9 Mar 2017 20:17

Tgt Ion:165 Resp: 47280
Ion Ratio Lower Upper
165 100
63 1.5 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

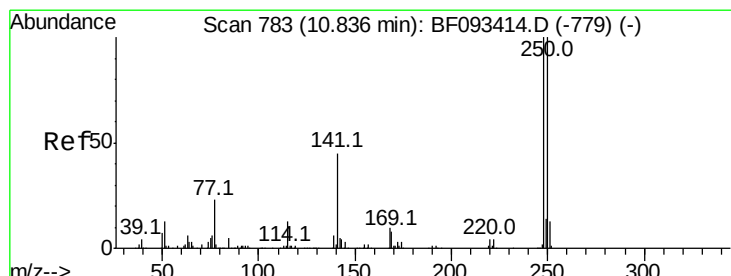
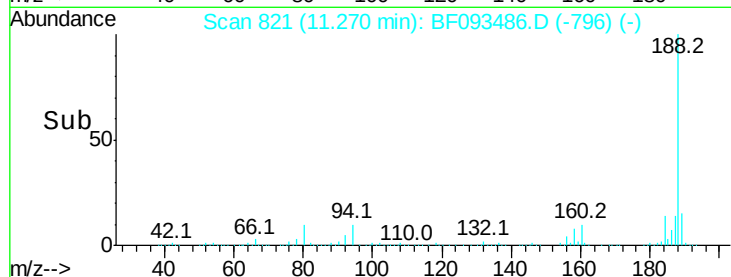
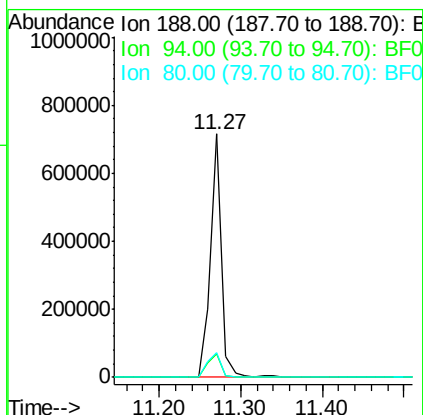
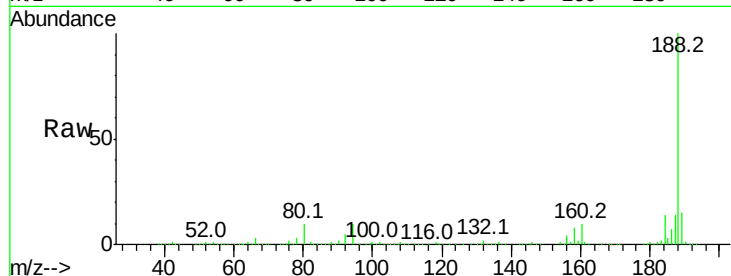




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.27 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF093486.D
 Acq: 9 Mar 2017 20:17

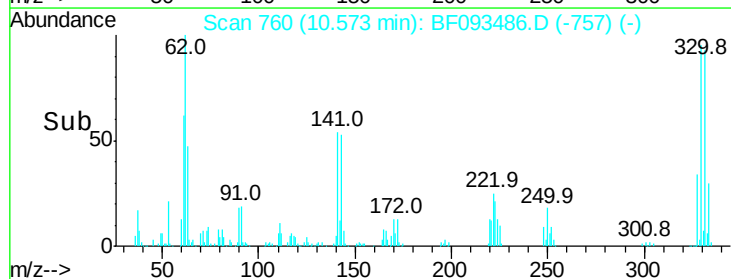
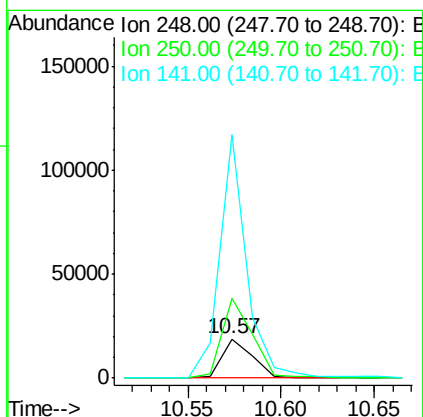
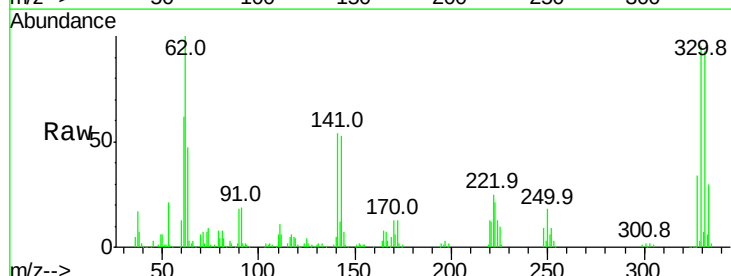
Instrument :
 BNA_F
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 PB97460BL

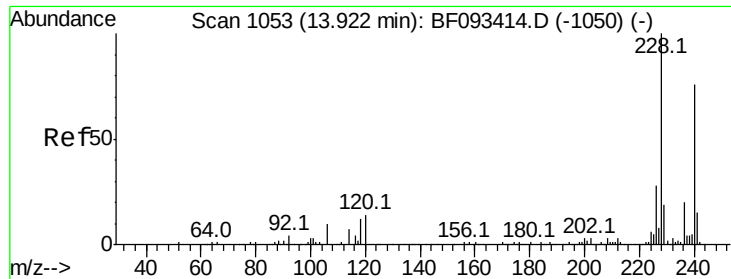
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.8	10.0	15.0#
80	10.4	11.2	16.8#



#66
 4-Bromophenyl-phenylether
 Concen: 2.95 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.26 min
 Lab File: BF093486.D
 Acq: 9 Mar 2017 20:17

Tgt Ion	Ratio	Lower	Upper
248	100		
250	204.0	76.9	115.3#
141	627.1	68.2	102.4#

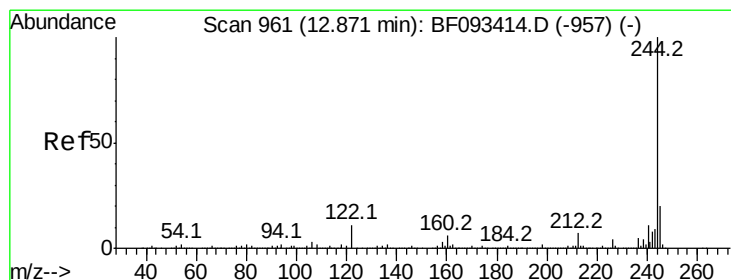
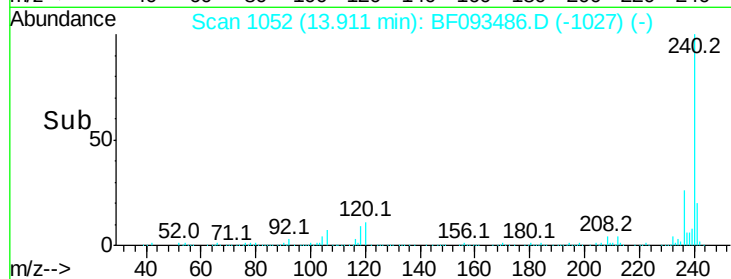
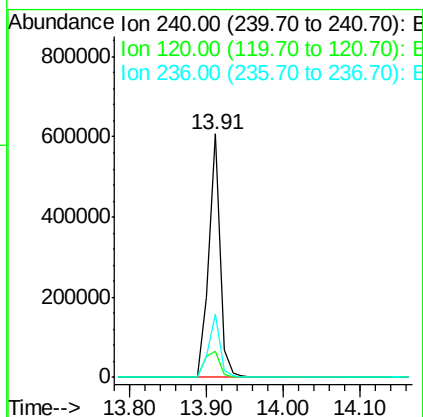
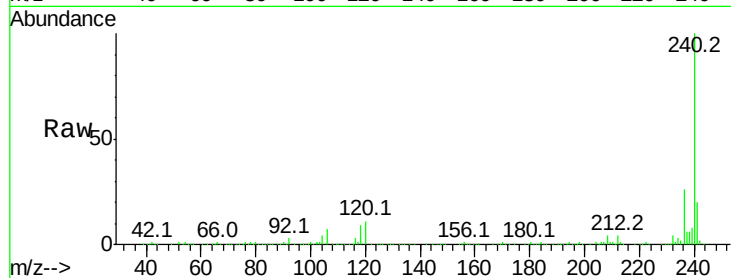




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.91 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF093486.D
 Acq: 9 Mar 2017 20:17

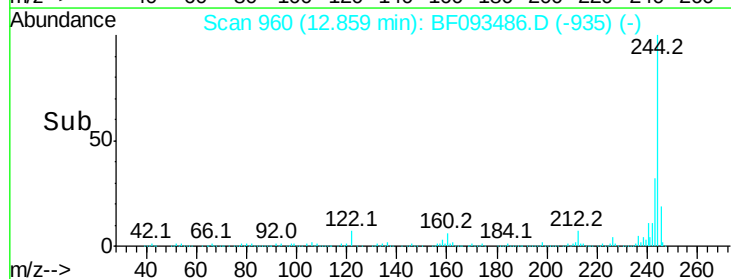
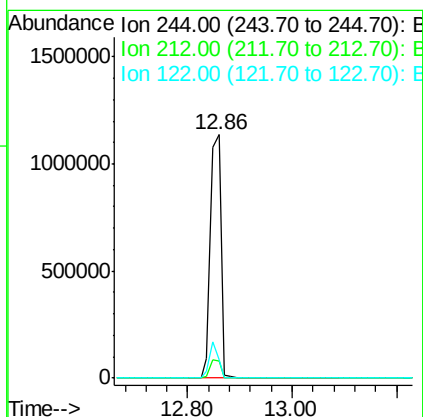
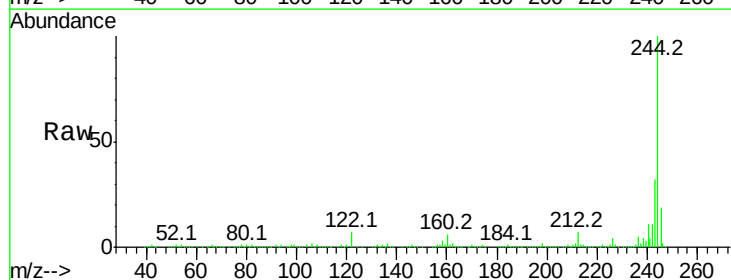
Instrument :
 BNA_F
 ClientSampleId :
 PB97460BL

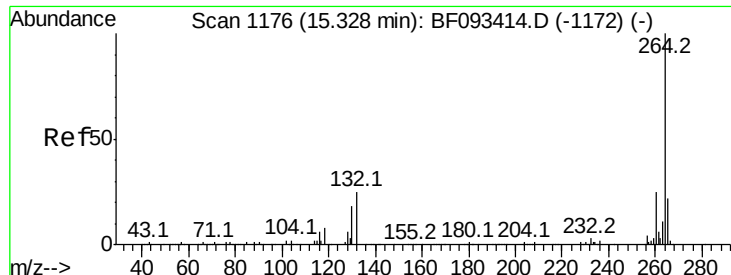
Tot Ion:240 Resp: 615887
 Ion Ratio Lower Upper
 240 100
 120 10.7 12.9 19.3#
 236 26.1 20.9 31.3



#78
 Terphenyl-d14
 Concen: 67.73 ng
 RT: 12.86 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF093486.D
 Acq: 9 Mar 2017 20:17

Tgt Ion:244 Resp: 1604484
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.2
 122 7.3 11.4 17.2#



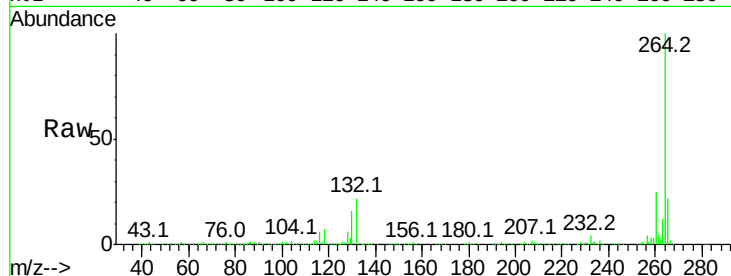


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF093486.D
Acq: 9 Mar 2017 20:17

Instrument :
BNA_F
ClientSampleId :
PB97460BL

Tot Ion:264 Resp: 515073

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.5	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

