

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 10 00:05:47 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

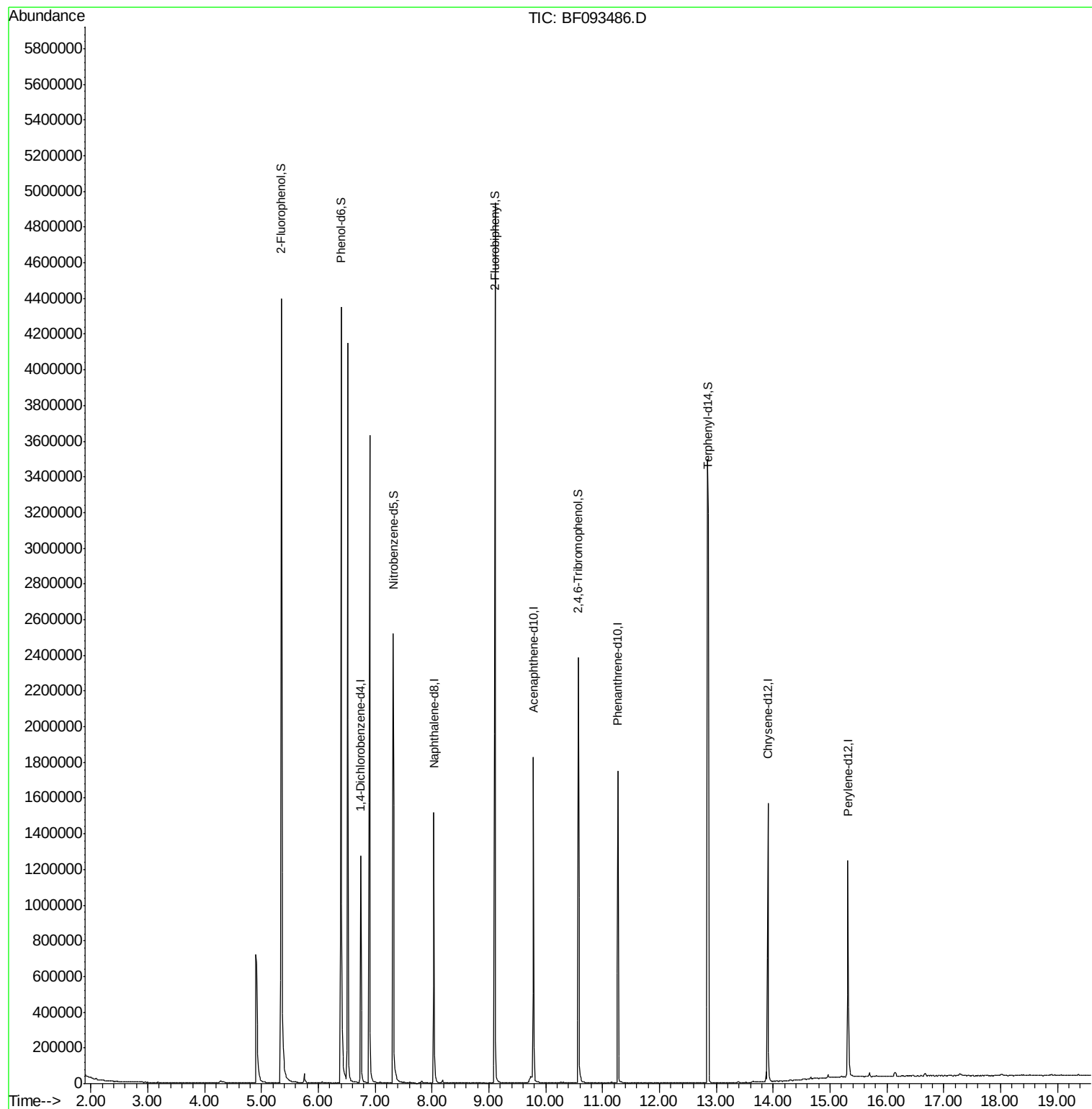
Target Compounds Qvalue

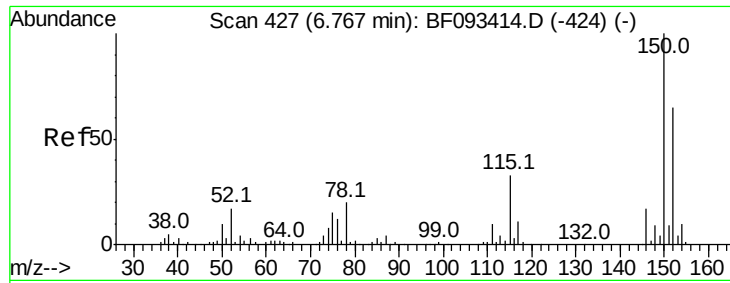
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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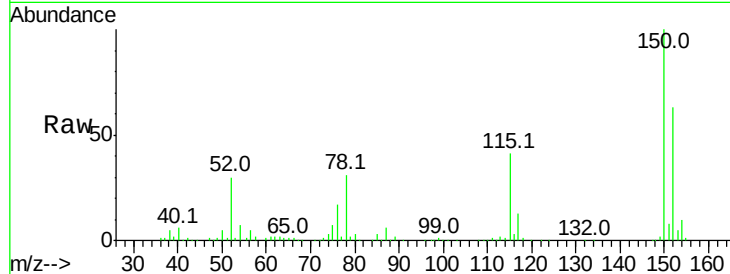


#1

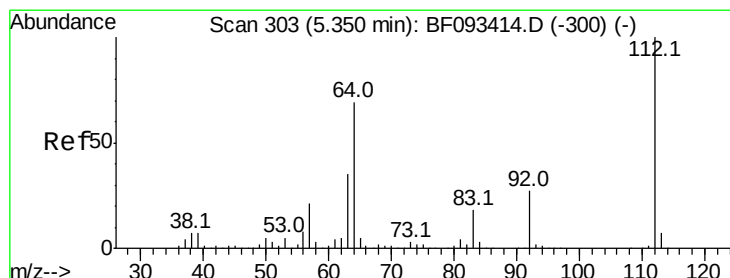
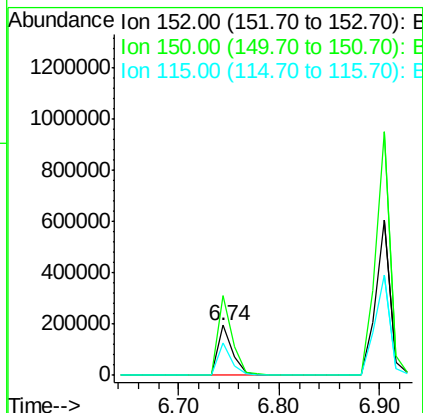
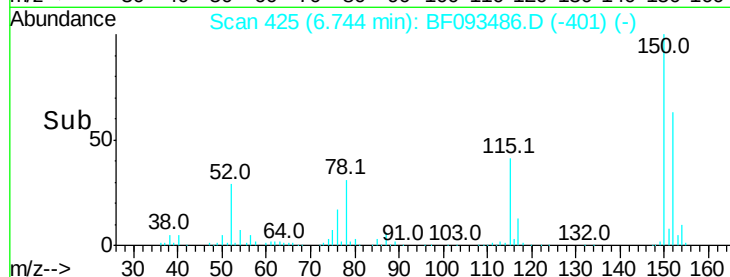
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.74 min Scan# 425
 Delta R.T. -0.02 min
 Lab File: BF093486.D
 Acq: 9 Mar 2017 20:17

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



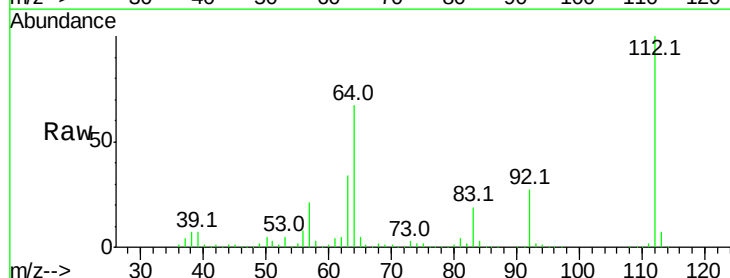
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



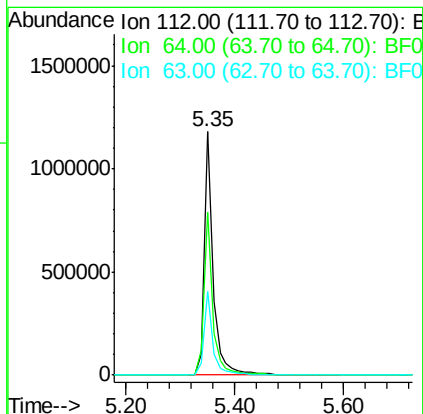
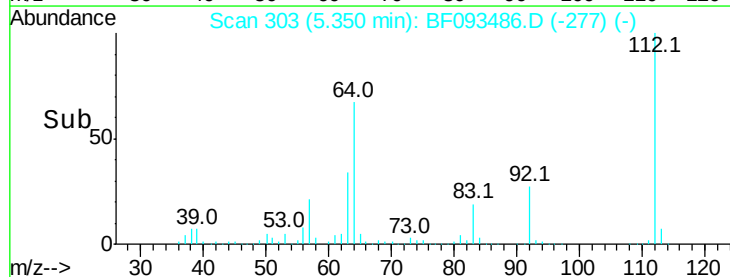
#5

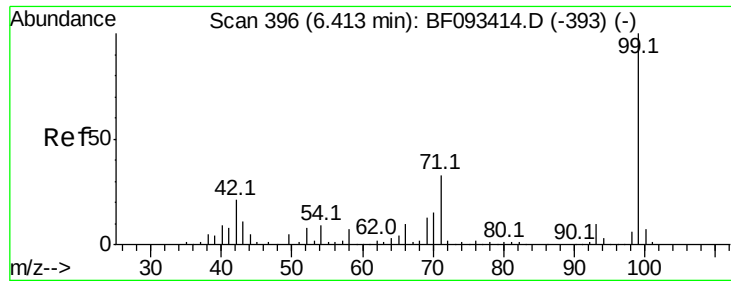
2-Fluorophenol
 Concen: 112.27 ng
 RT: 5.35 min Scan# 303
 Delta R.T. -0.00 min
 Lab File: BF093486.D
 Acq: 9 Mar 2017 20:17

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

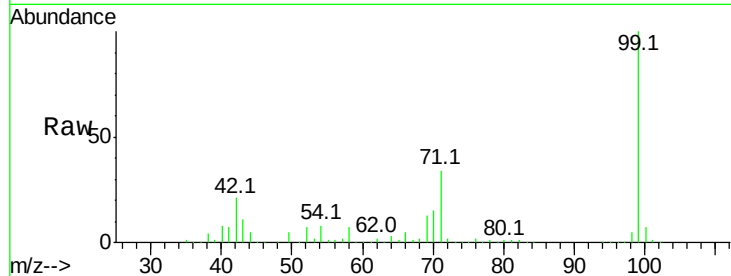
Tot Ion: 99 Resp: 1642763

Ion Ratio Lower Upper

99 100

42 21.3 15.6 23.4

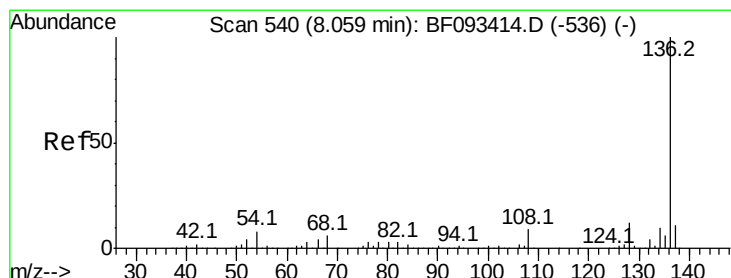
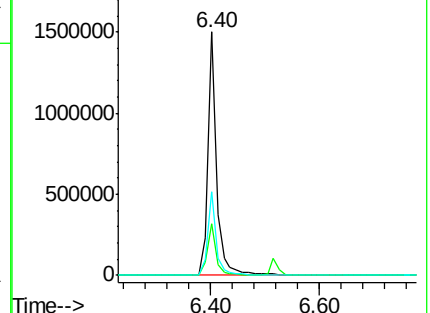
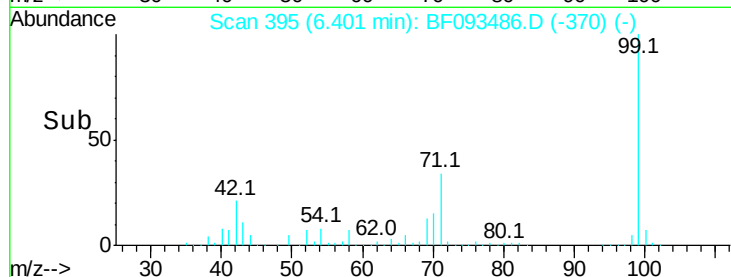
71 34.2 27.5 41.3



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



#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

Tgt Ion: 136 Resp: 754338

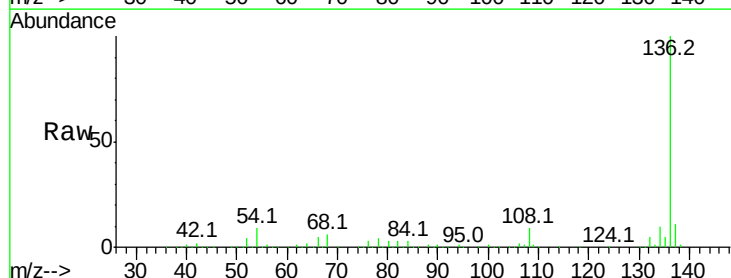
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 8.9 4.5 6.7#

68 6.5 3.6 5.4#

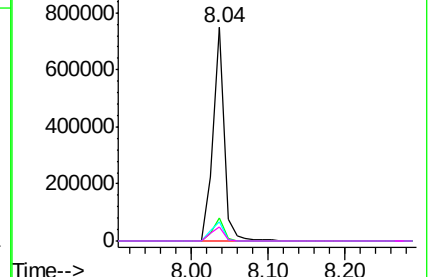
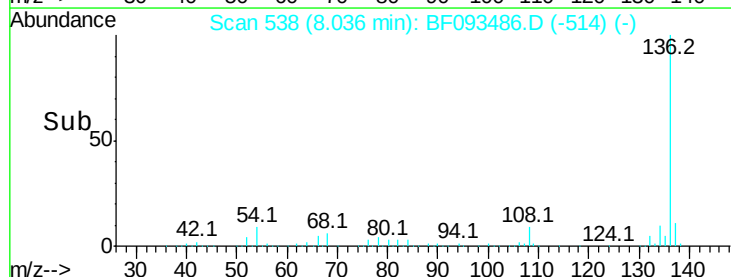


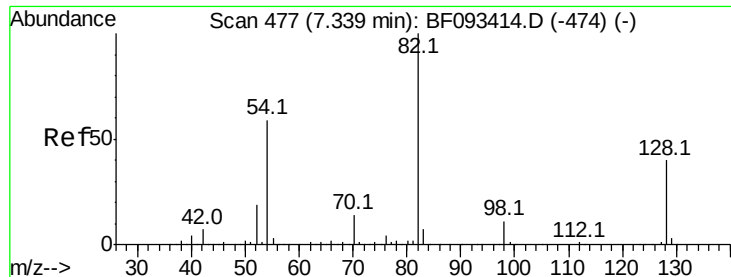
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#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

Instrument :

BNA_F

ClientSampled :

PB97460BL

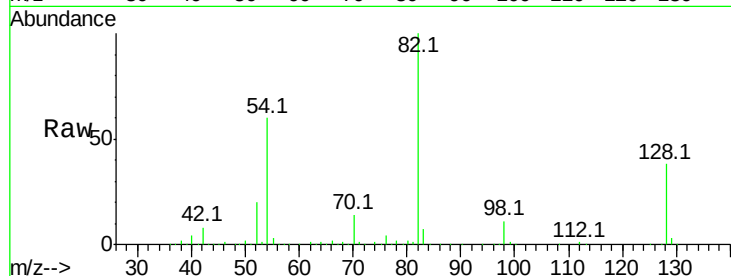
Tot Ion: 82 Resp: 1070153

Ion Ratio Lower Upper

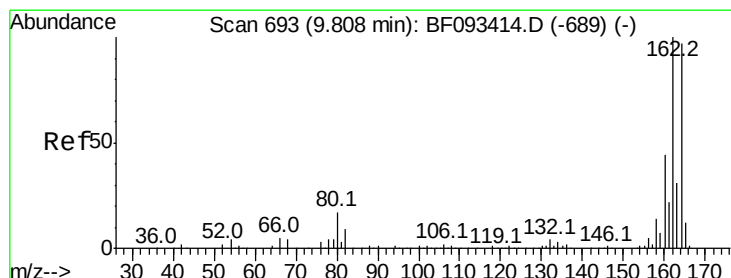
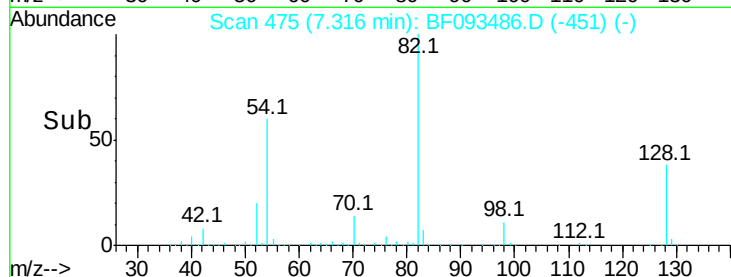
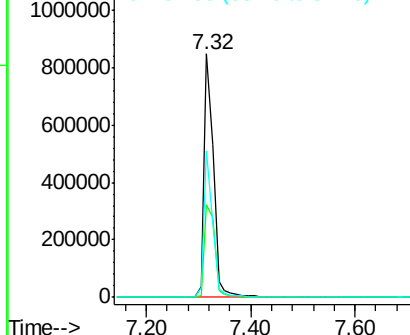
82 100

128 37.8 34.6 52.0

54 60.1 39.5 59.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0



#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

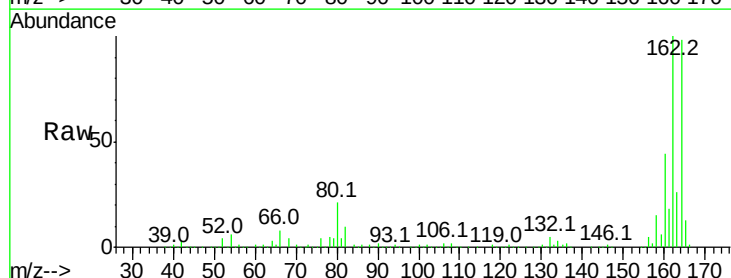
Tgt Ion:164 Resp: 366162

Ion Ratio Lower Upper

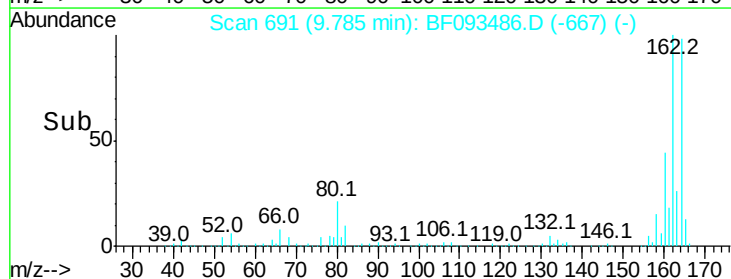
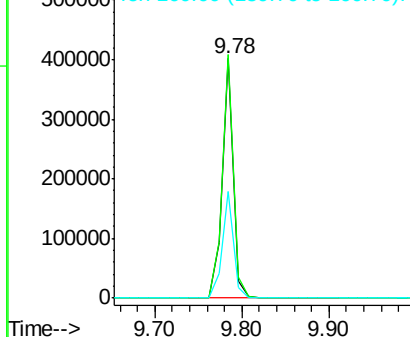
164 100

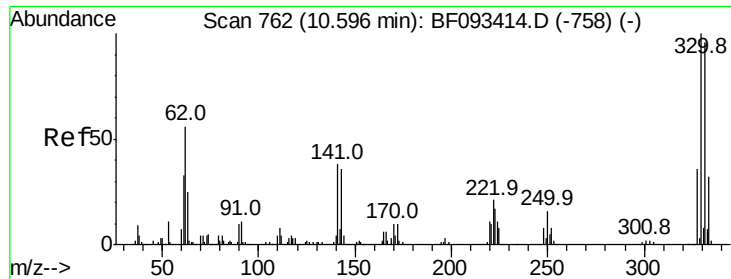
162 101.7 80.2 120.2

160 44.7 36.9 55.3



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

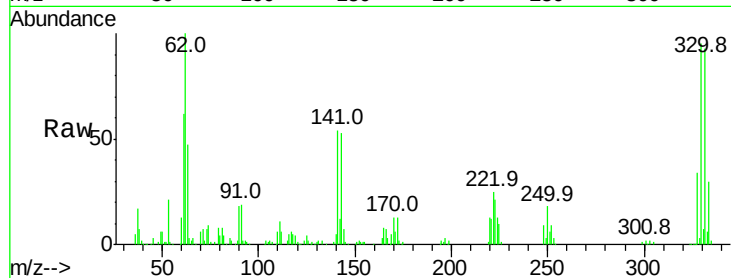




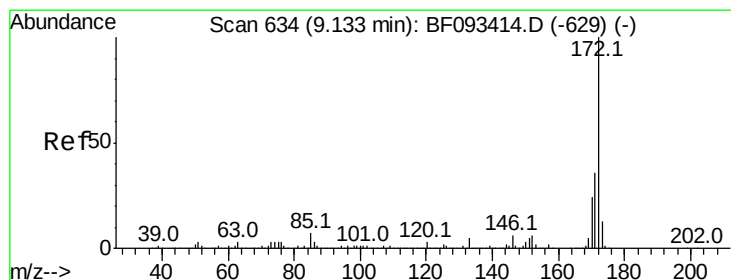
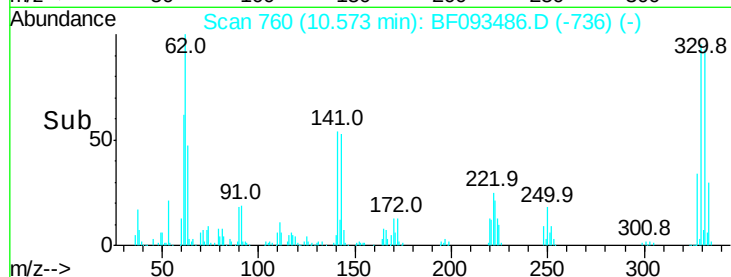
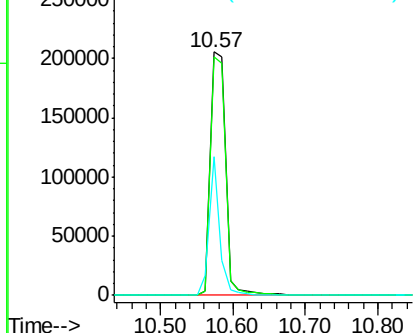
#41
 2,4,6-Tribromophenol
 Concen: 126.68 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF093486.D
 Acq: 9 Mar 2017 20:17

Instrument :
 BNA_F
 ClientSampleId :
 PB97460BL

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

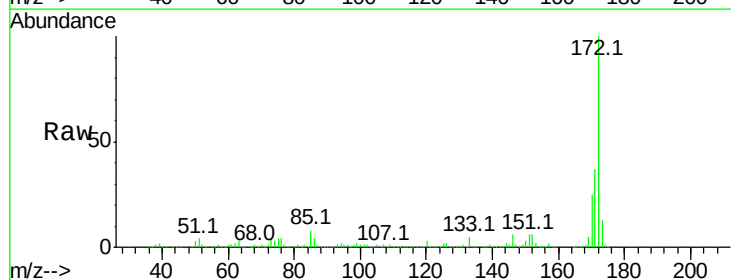


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

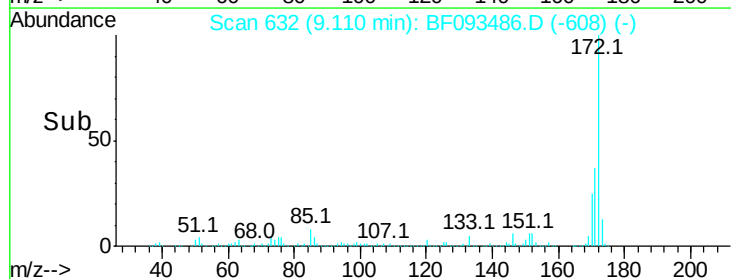
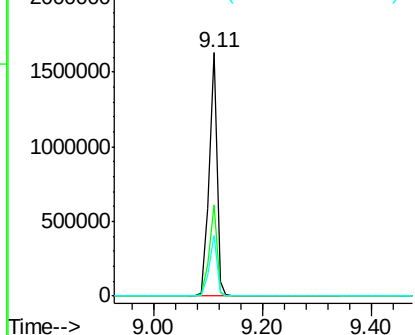


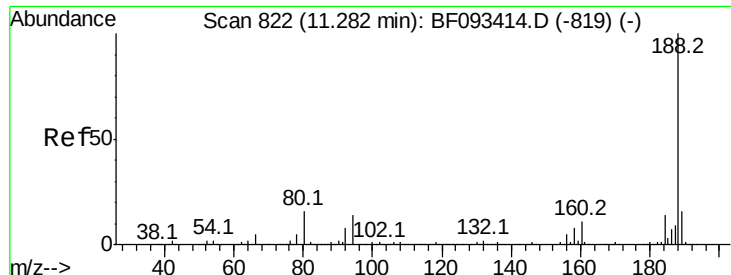
#44
 2-Fluorobiphenyl
 Concen: 82.89 ng
 RT: 9.11 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF093486.D
 Acq: 9 Mar 2017 20:17

Tgt Ion	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

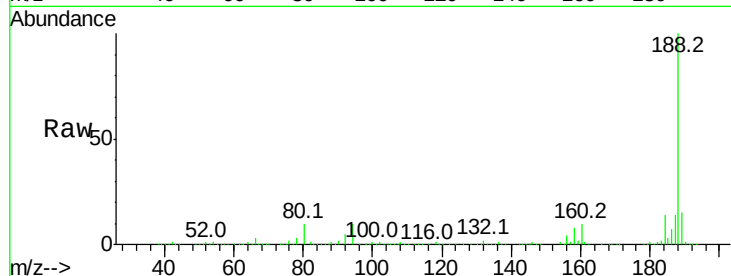




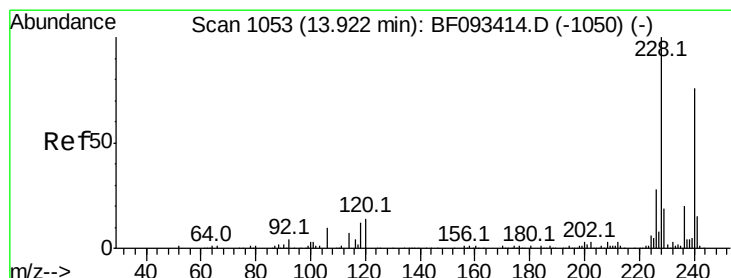
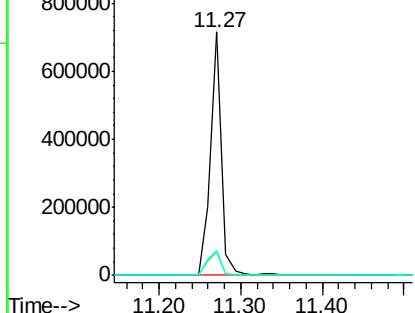
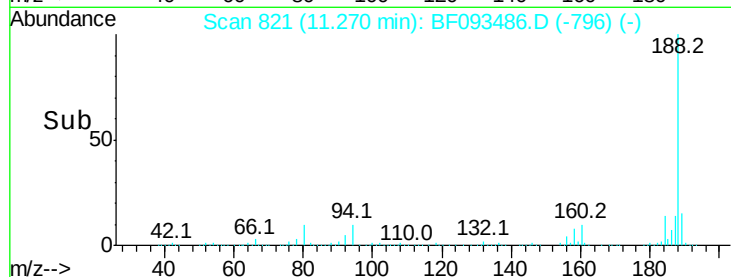
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.27 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF093486.D
 Acq: 9 Mar 2017 20:17

Instrument :
 BNA_F
 ClientSampleId :
 PB97460BL

Tot Ion	188	Ratio	100	Resp	692099
Ion	188	100			
	94	9.8	10.0	15.0#	
	80	10.4	11.2	16.8#	

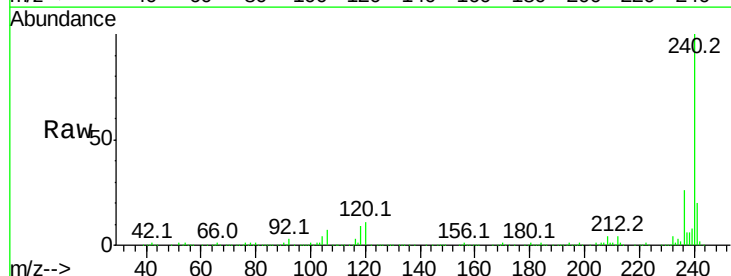


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

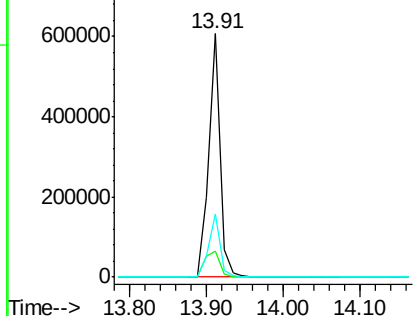
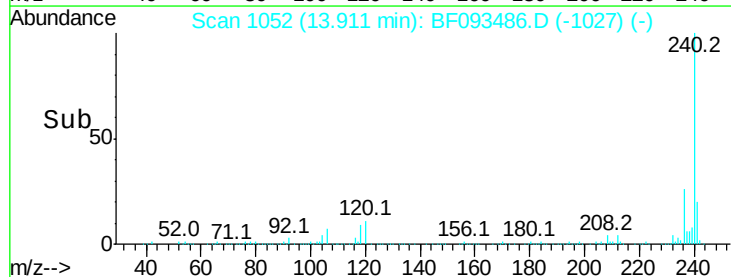


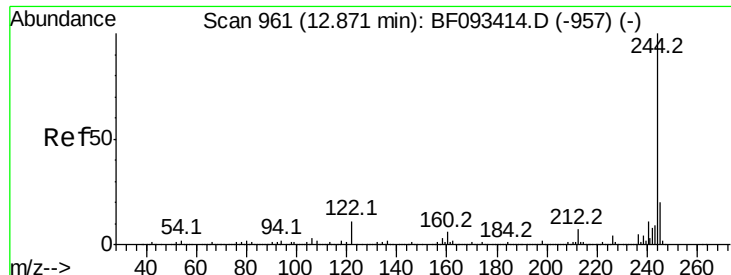
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.91 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF093486.D
 Acq: 9 Mar 2017 20:17

Tgt Ion	240	Ratio	100	Resp	615887
Ion	240	100			
	120	10.7	12.9	19.3#	
	236	26.1	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: 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

Instrument :

BNA_F

ClientSampleID :

PB97460BL

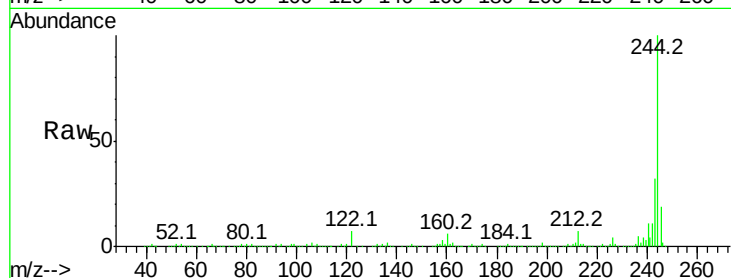
Tot Ion:244 Resp: 1604484

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.2

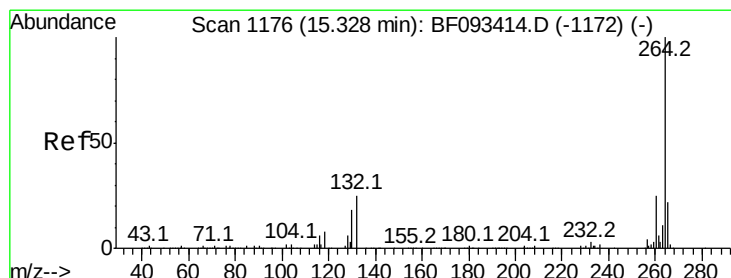
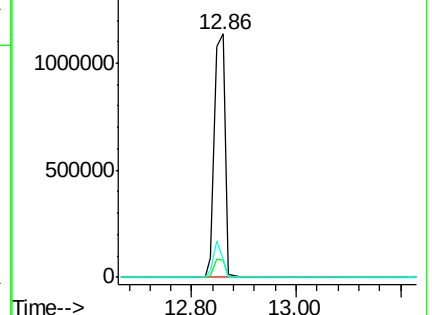
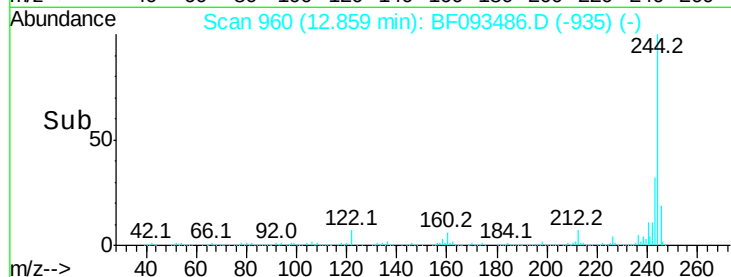
122 7.3 11.4 17.2#



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: 15.32 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF093486.D

Acq: 9 Mar 2017 20:17

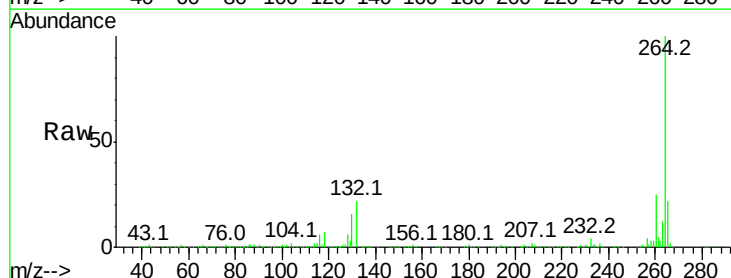
Tgt Ion:264 Resp: 515073

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

