

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
 Data File : BF093957.D
 Acq On : 27 Mar 2017 22:18
 Operator : SJ/MA
 Sample : I2409-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIP-16

Quant Time: Mar 28 00:53:50 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	5.93	152	160085	20.00	ng	-0.02
21) Naphthalene-d8	7.44	136	648591	20.00	ng	-0.02
38) Acenaphthene-d10	9.59	164	305163	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	559584	20.00	ng	-0.01
75) Chrysene-d12	14.66	240	489344	20.00	ng	-0.02
86) Perylene-d12	16.29	264	366237	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	638077	67.32	ng	-0.01
7) Phenol-d6	5.53	99	517993	44.18	ng	-0.02
23) Nitrobenzene-d5	6.59	82	985822	86.74	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	372177	154.34	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	1800233	89.98	ng	-0.01
78) Terphenyl-d14	13.39	244	1603397	73.45	ng	-0.01

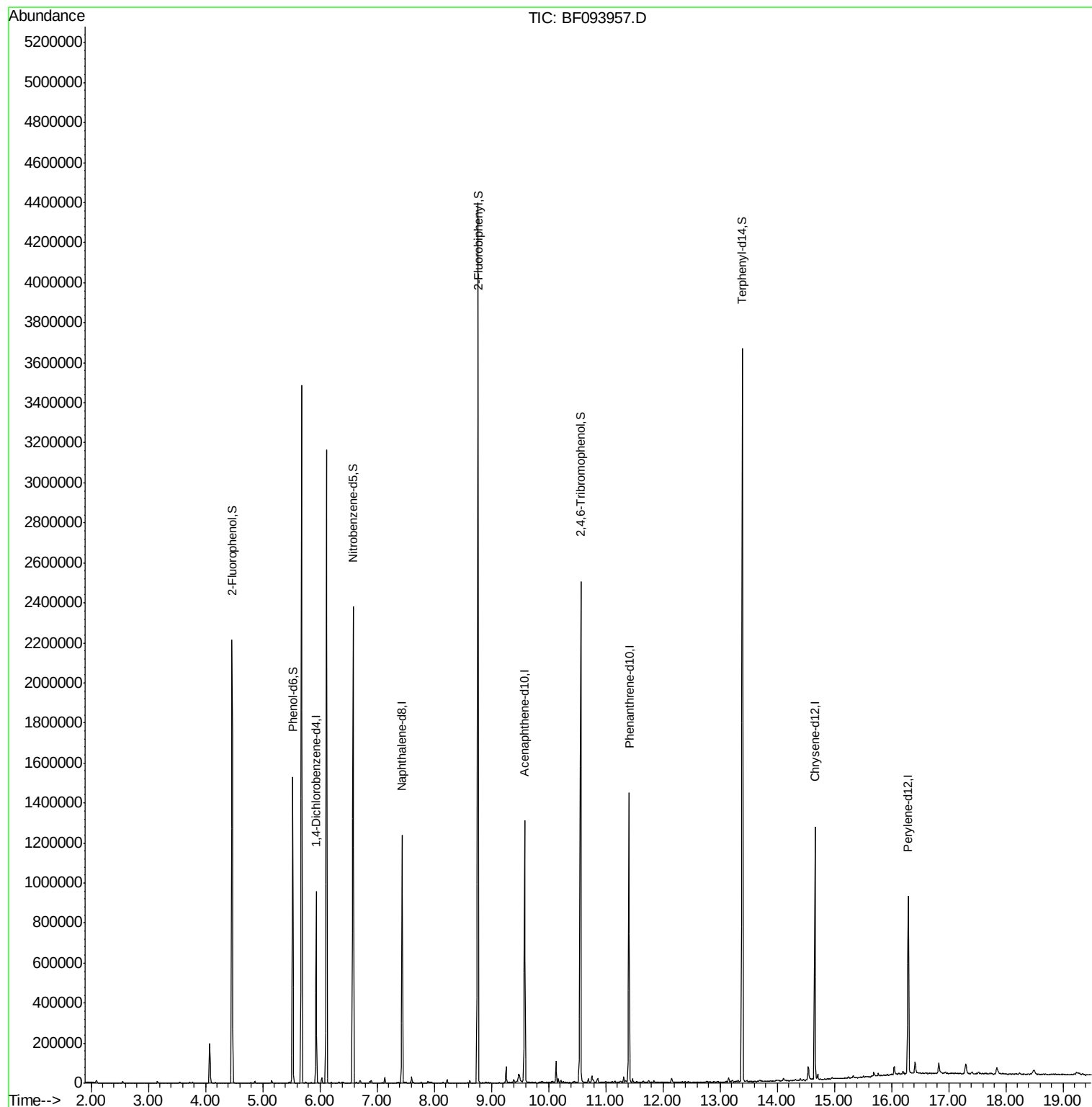
Target Compounds Qvalue

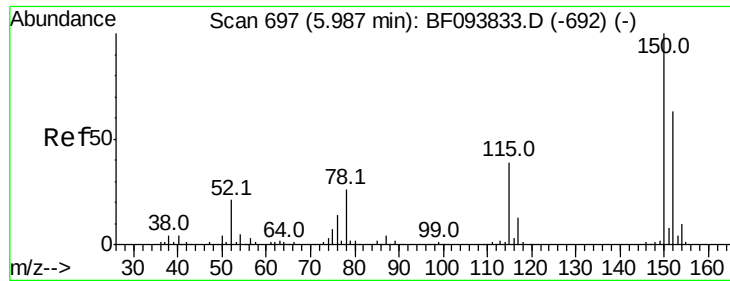
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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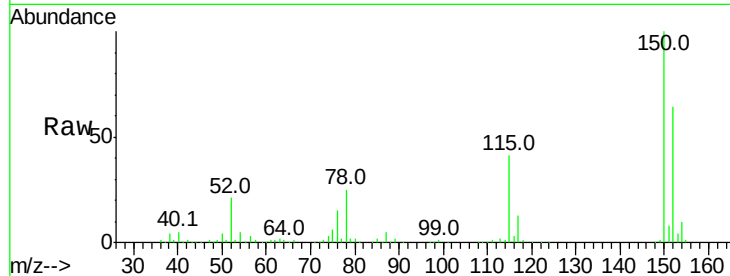


#1

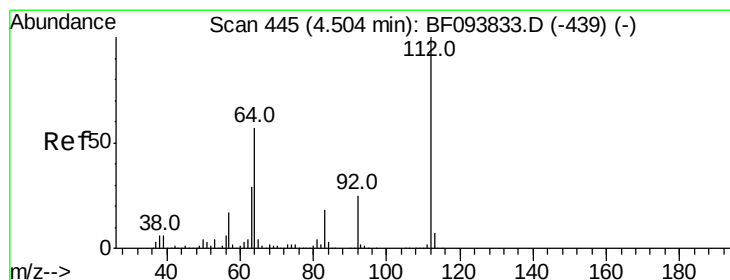
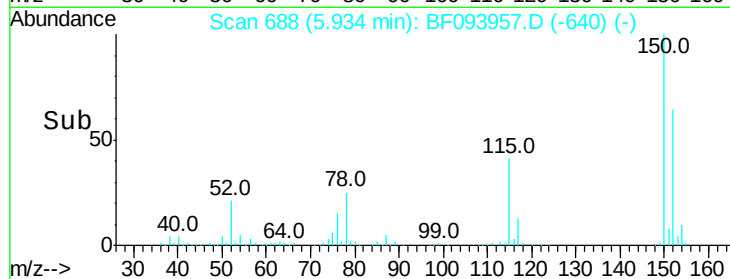
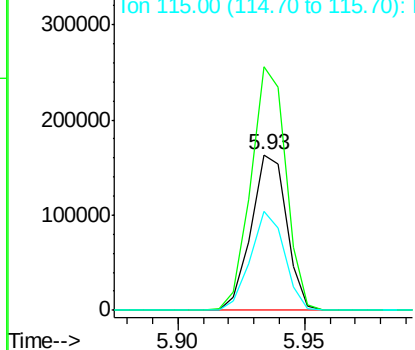
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.93 min Scan# 688
 Delta R.T. -0.02 min
 Lab File: BF093957.D
 Acq: 27 Mar 2017 22:18

Instrument :
 BNA_F
 ClientSampleId :
 LIP-16

Tot Ion:152 Resp: 160085
 Ion Ratio Lower Upper
 152 100
 150 156.7 126.2 189.2
 115 63.9 52.2 78.2



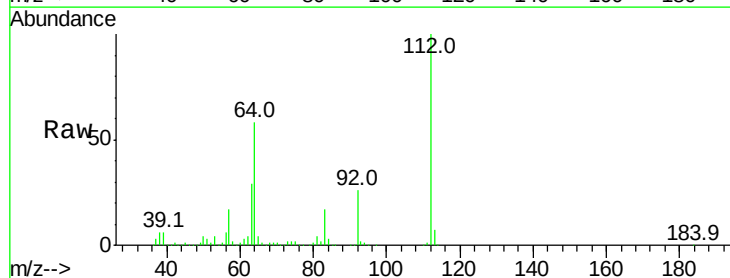
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



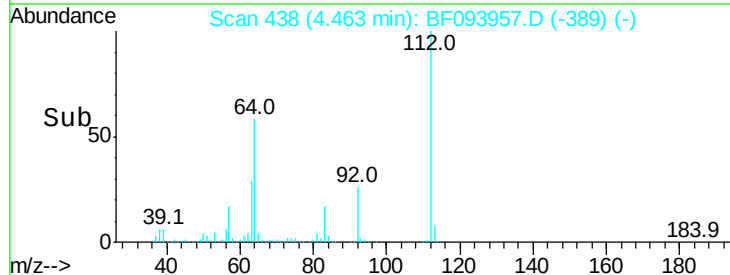
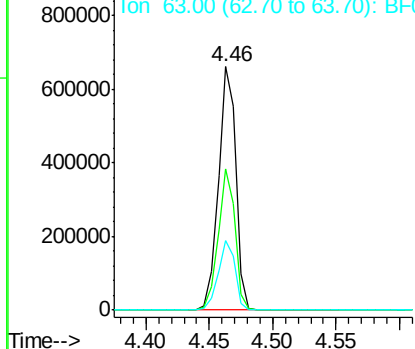
#5

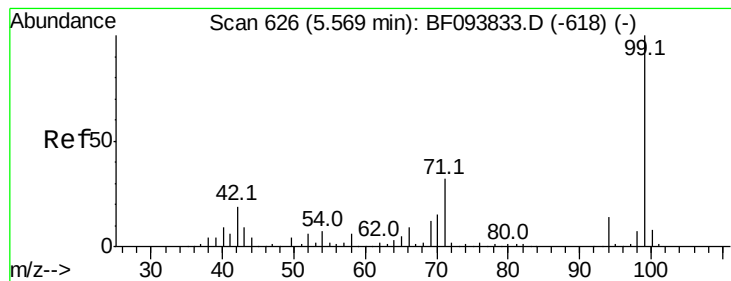
2-Fluorophenol
 Concen: 67.32 ng
 RT: 4.46 min Scan# 438
 Delta R.T. -0.01 min
 Lab File: BF093957.D
 Acq: 27 Mar 2017 22:18

Tgt Ion:112 Resp: 638077
 Ion Ratio Lower Upper
 112 100
 64 58.1 46.0 69.0
 63 28.7 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: 44.18 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF093957.D

Acq: 27 Mar 2017 22:18

Instrument :

BNA_F

ClientSampleId :

LIP-16

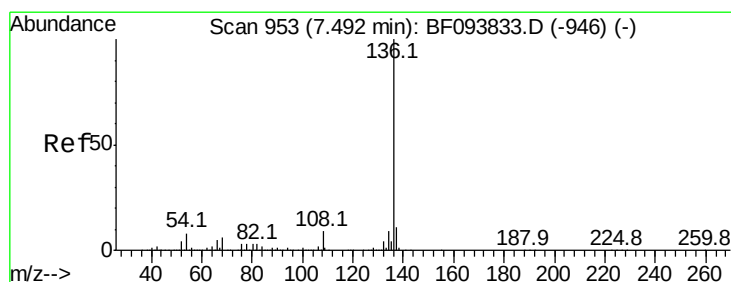
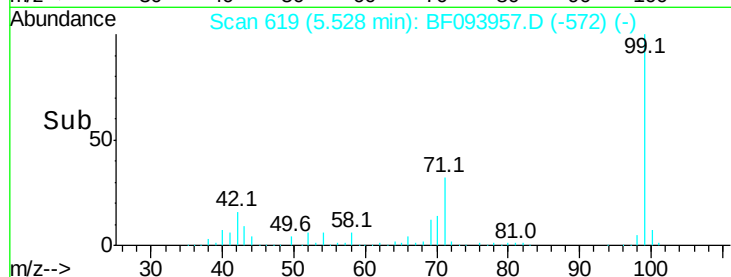
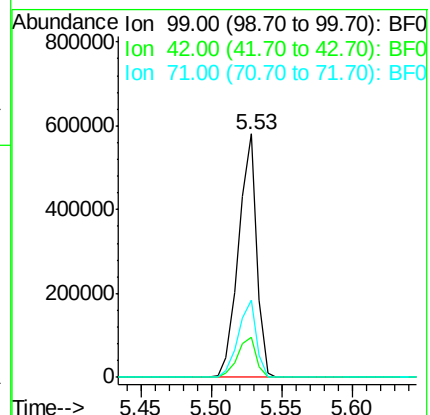
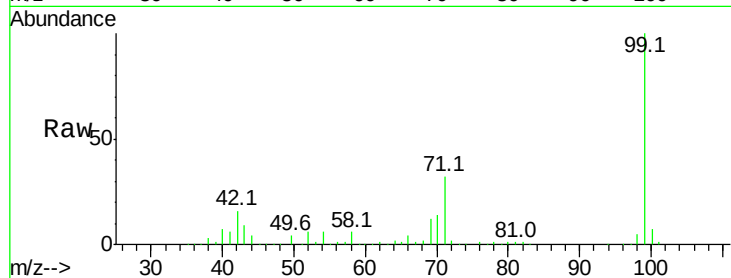
Tot Ion: 99 Resp: 517993

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

71 31.7 24.5 36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.44 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF093957.D

Acq: 27 Mar 2017 22:18

Tgt Ion: 136 Resp: 648591

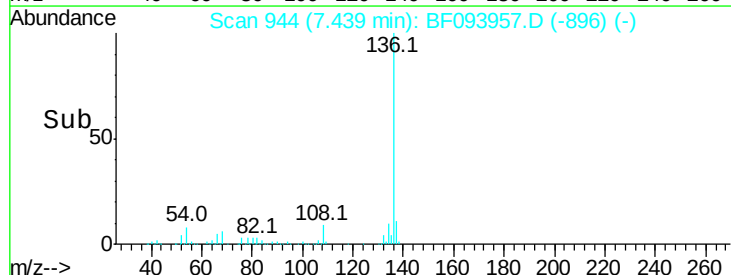
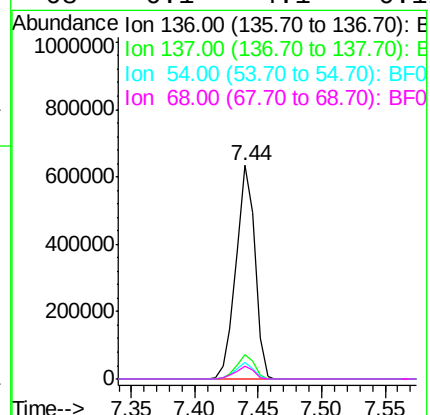
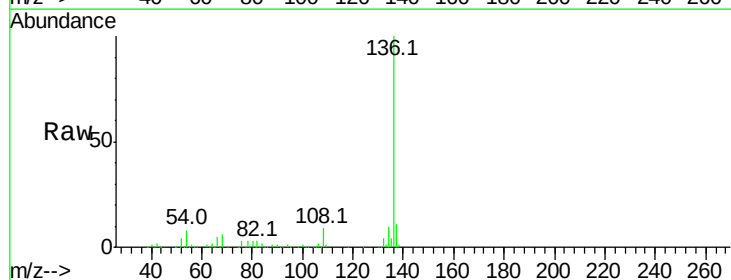
Ion Ratio Lower Upper

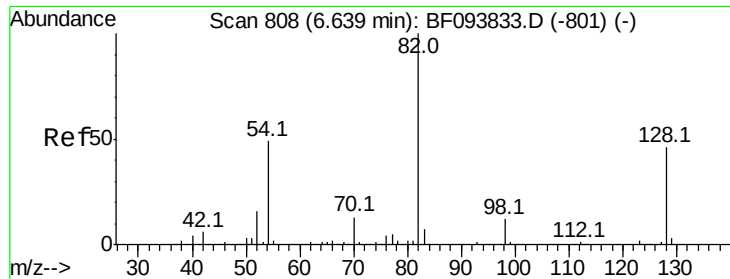
136 100

137 11.1 8.5 12.7

54 7.8 4.9 7.3#

68 6.1 4.1 6.1#

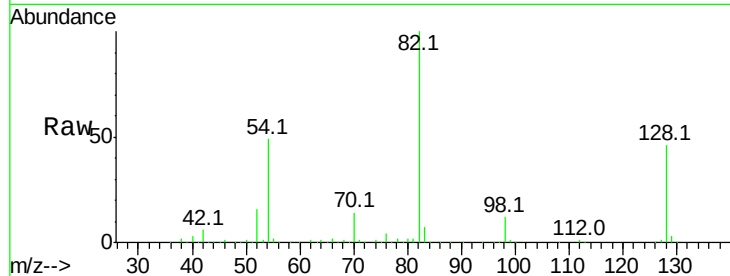




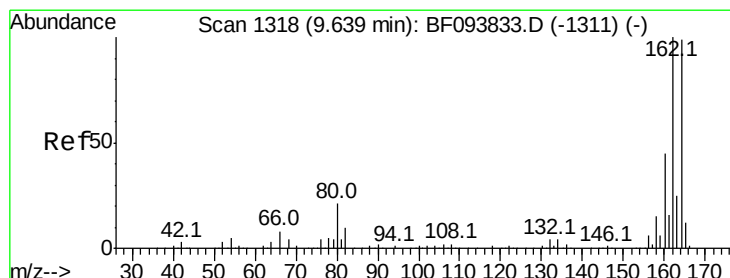
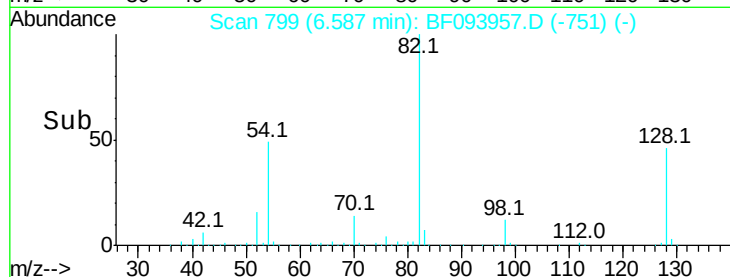
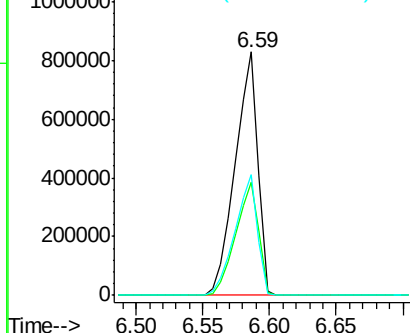
#23
 Nitrobenzene-d5
 Concen: 86.74 ng
 RT: 6.59 min Scan# 799
 Delta R.T. -0.02 min
 Lab File: BF093957.D
 Acq: 27 Mar 2017 22:18

Instrument :
 BNA_F
 ClientSampleId :
 LIP-16

Tot Ion	82	Resp	985822
Ion Ratio	Lower	Upper	
82	100		
128	46.3	34.0	51.0
54	49.5	42.2	63.2

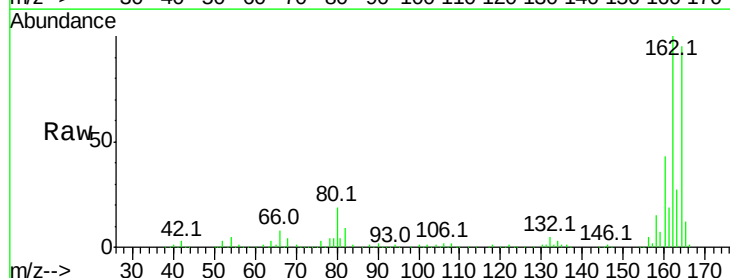


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

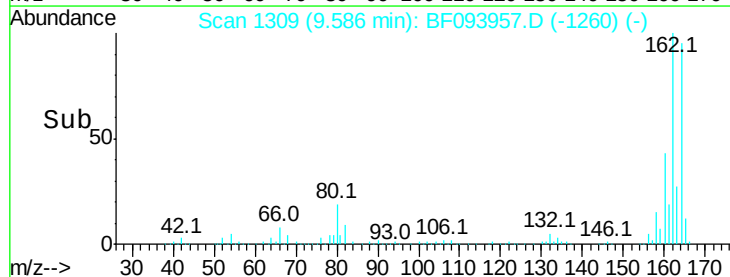
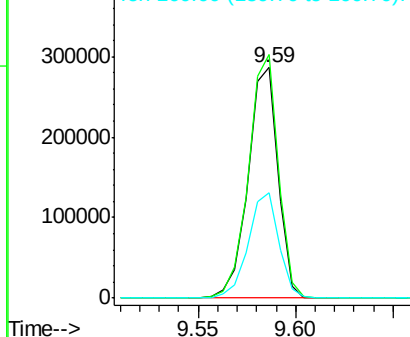


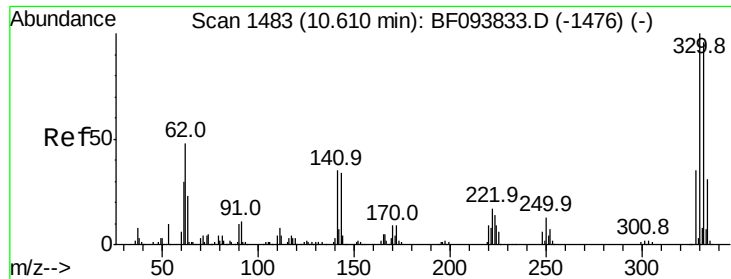
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF093957.D
 Acq: 27 Mar 2017 22:18

Tgt Ion	164	Resp	305163
Ion Ratio	Lower	Upper	
164	100		
162	105.7	82.6	123.8
160	45.8	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

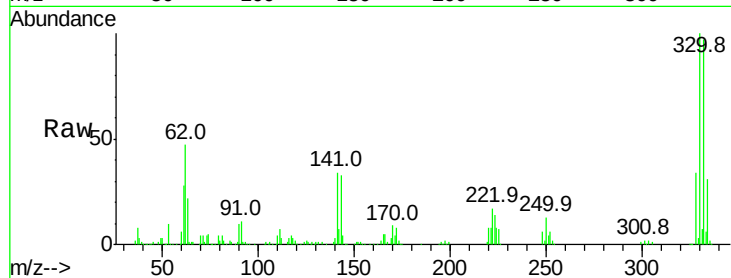




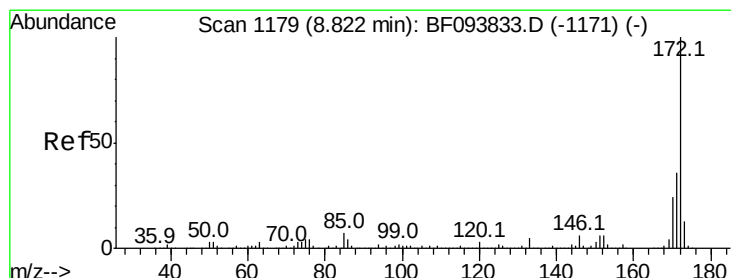
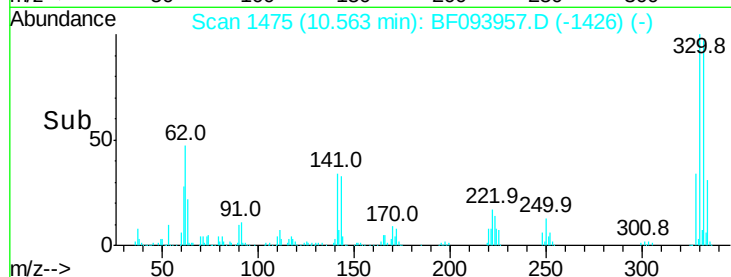
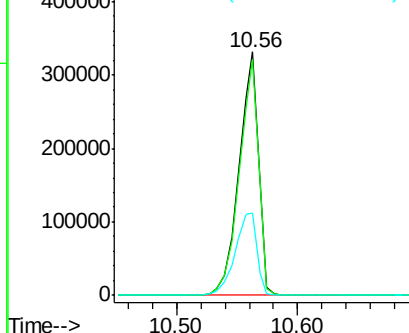
#41
 2,4,6-Tribromophenol
 Concen: 154.34 ng
 RT: 10.56 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF093957.D
 Acq: 27 Mar 2017 22:18

Instrument :
 BNA_F
 ClientSampleId :
 LIP-16

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	38.1	31.4	47.2

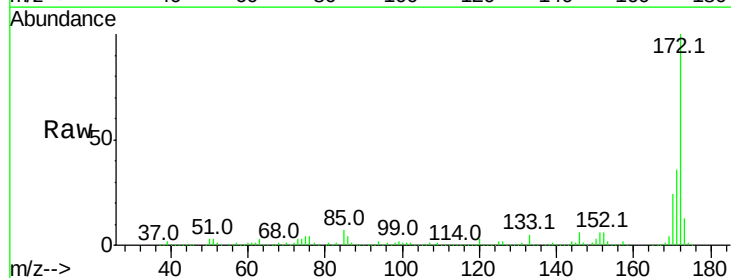


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

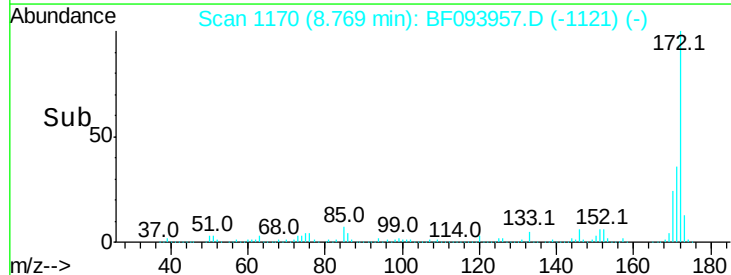
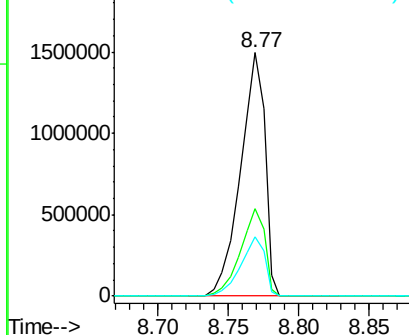


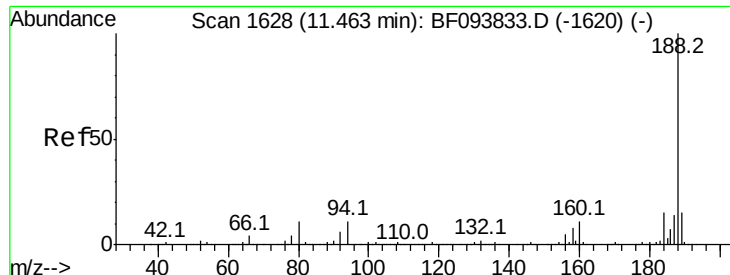
#44
 2-Fluorobiphenyl
 Concen: 89.98 ng
 RT: 8.77 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF093957.D
 Acq: 27 Mar 2017 22:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.4	19.8	29.8



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: 11.41 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BF093957.D

Acq: 27 Mar 2017 22:18

Instrument :

BNA_F

ClientSampleId :

LIP-16

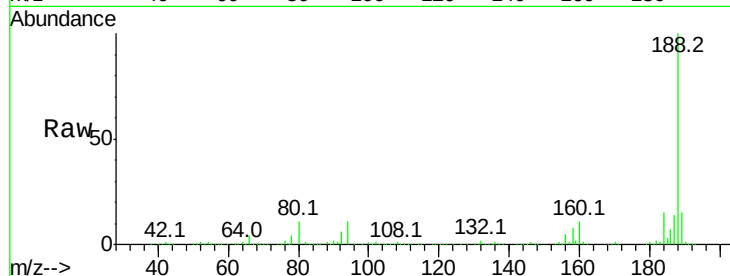
Tot Ion:188 Resp: 559584

Ion Ratio Lower Upper

188 100

94 10.9 9.4 14.2

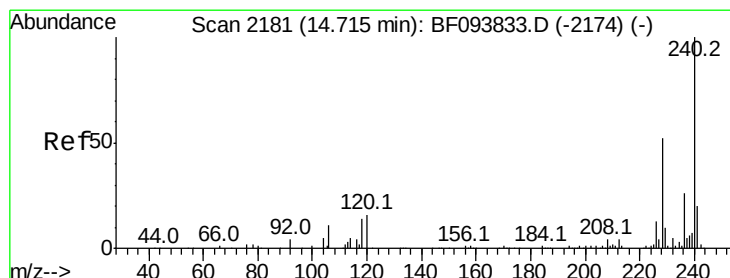
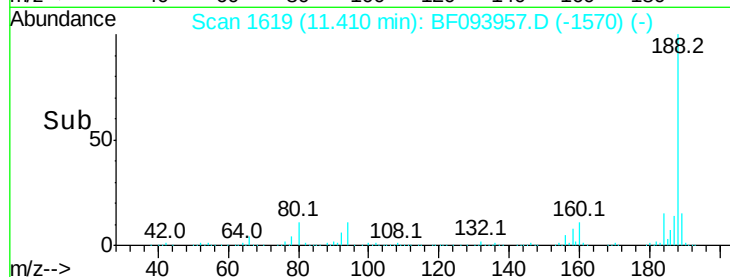
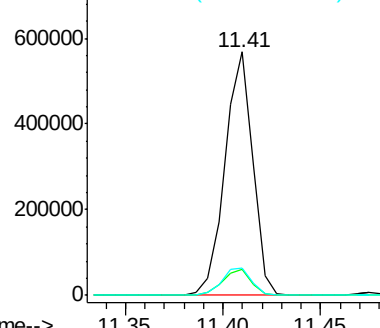
80 11.4 10.2 15.2



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: 14.66 min Scan# 2172

Delta R.T. -0.02 min

Lab File: BF093957.D

Acq: 27 Mar 2017 22:18

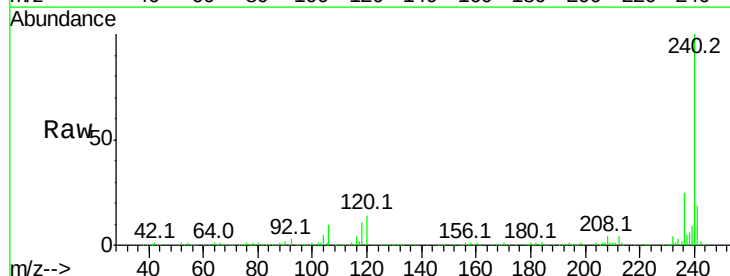
Tgt Ion:240 Resp: 489344

Ion Ratio Lower Upper

240 100

120 13.5 5.8 8.8#

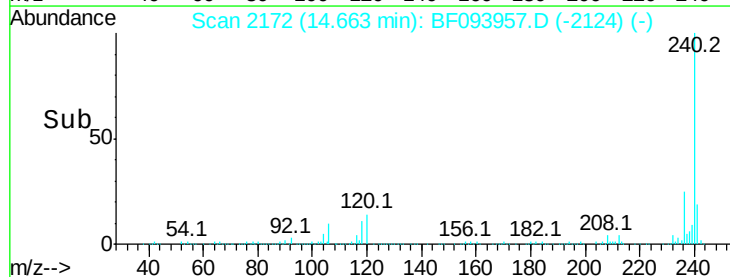
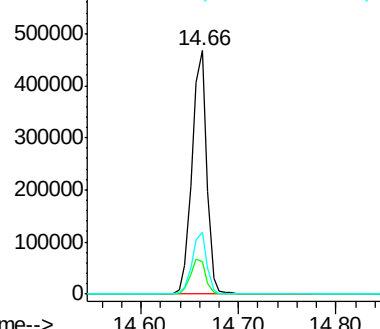
236 25.2 20.5 30.7

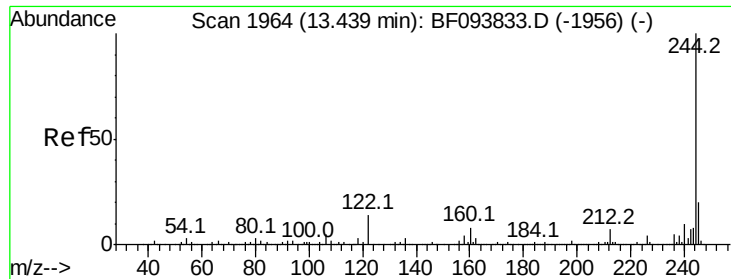


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 73.45 ng

RT: 13.39 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BF093957.D

Acq: 27 Mar 2017 22:18

Instrument :

BNA_F

ClientSampleId :

LIP-16

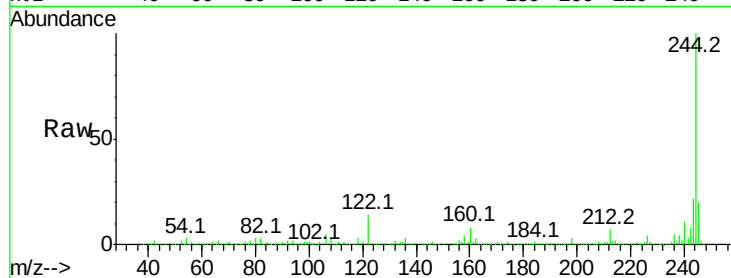
Tot Ion:244 Resp: 1603397

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

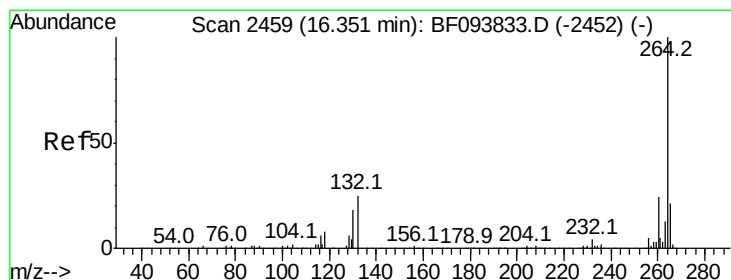
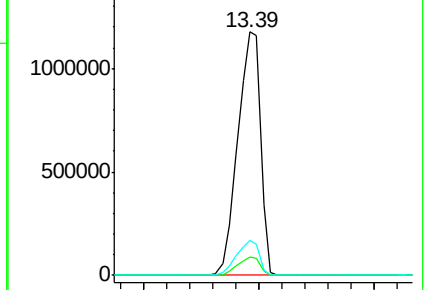
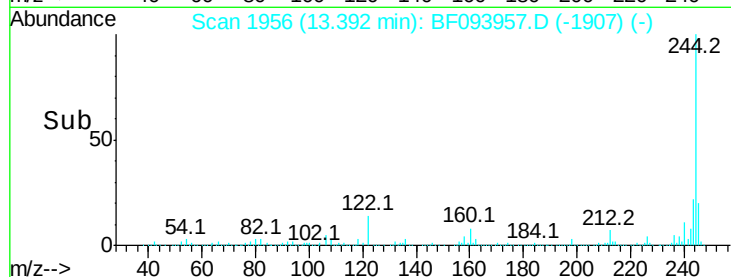
122 14.3 10.3 15.5



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: 16.29 min Scan# 2449

Delta R.T. -0.02 min

Lab File: BF093957.D

Acq: 27 Mar 2017 22:18

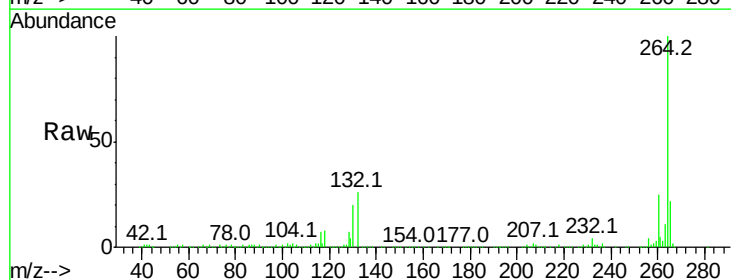
Tgt Ion:264 Resp: 366237

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

265 21.7 17.2 25.8



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

