

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022217\
 Data File : BF093085.D
 Acq On : 22 Feb 2017 19:47
 Operator : SJ/MA
 Sample : I1936-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-B38-B39-001

Quant Time: Feb 23 00:25:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	162053	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	617611	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	303798	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	579007	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	508096	20.00	ng	-0.03
86) Perylene-d12	15.41	264	379056	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1134022	120.06	ng	0.00
7) Phenol-d6	6.49	99	1542141	126.89	ng	0.00
23) Nitrobenzene-d5	7.41	82	1084621	97.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	337463	153.58	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1628775	97.13	ng	-0.02
78) Terphenyl-d14	12.94	244	1699013	78.57	ng	-0.02

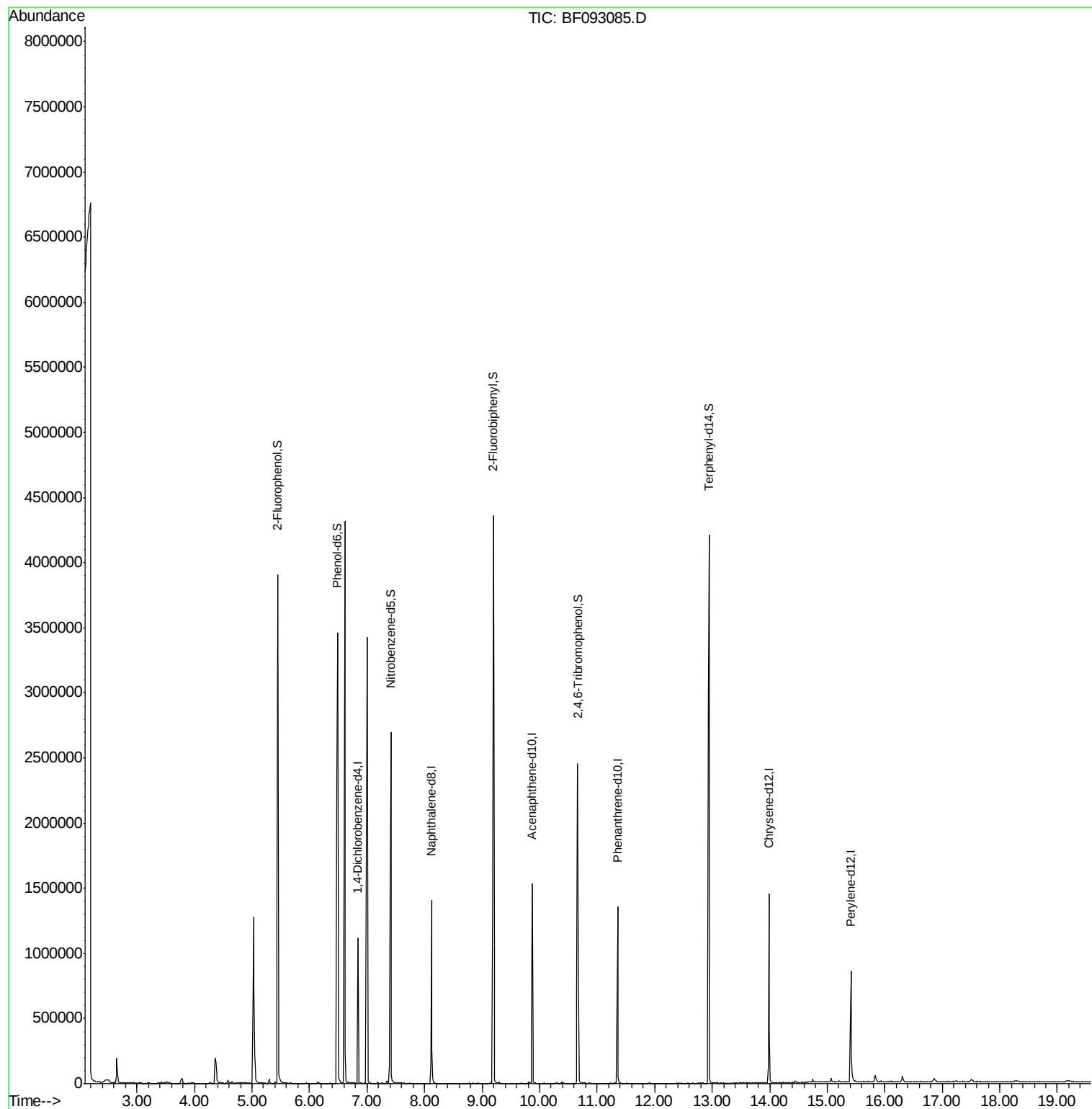
Target Compounds Qvalue

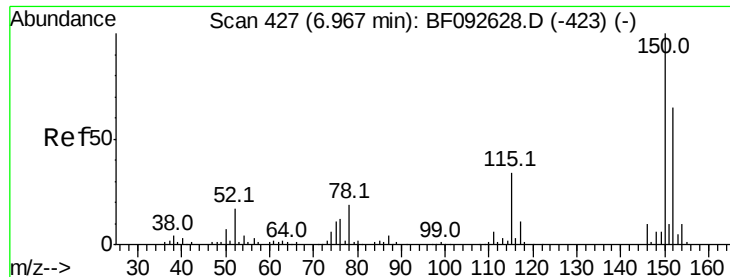
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF093085.D

Acq: 22 Feb 2017 19:47

Instrument :

BNA_F

ClientSampleId :

WC-B38-B39-001

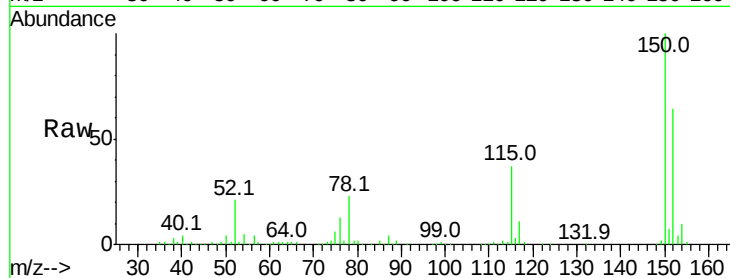
Tot Ion:152 Resp: 162053

Ion Ratio Lower Upper

152 100

150 155.6 124.9 187.3

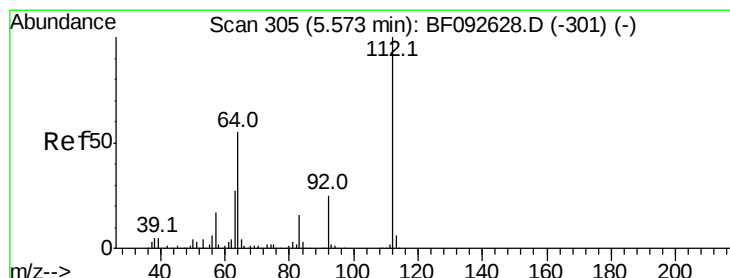
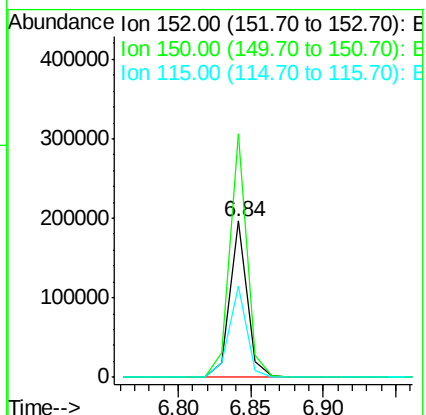
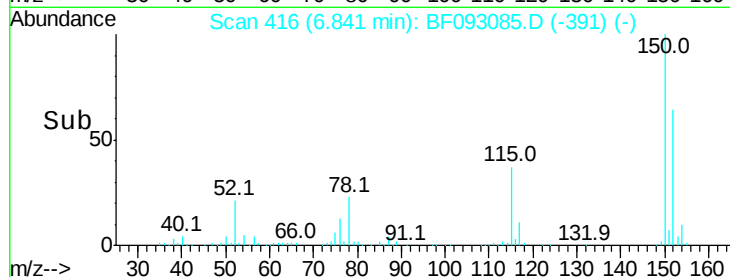
115 58.2 46.0 69.0



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: 120.06 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.00 min

Lab File: BF093085.D

Acq: 22 Feb 2017 19:47

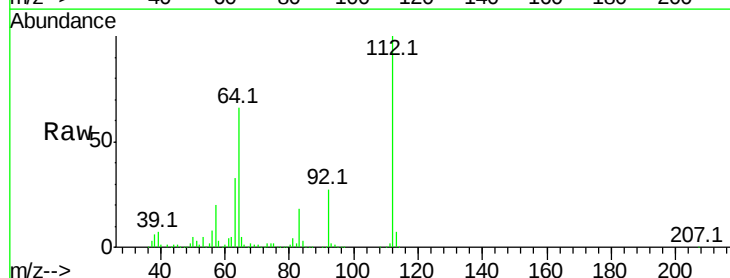
Tgt Ion:112 Resp: 1134022

Ion Ratio Lower Upper

112 100

64 66.1 46.1 69.1

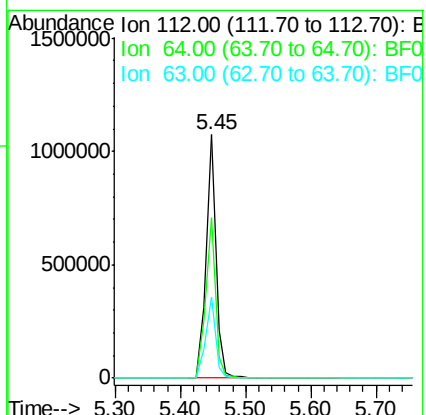
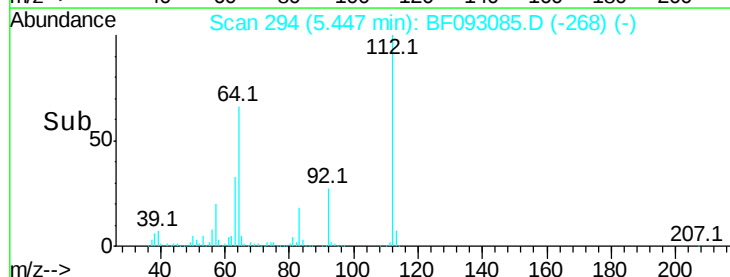
63 33.1 23.8 35.6

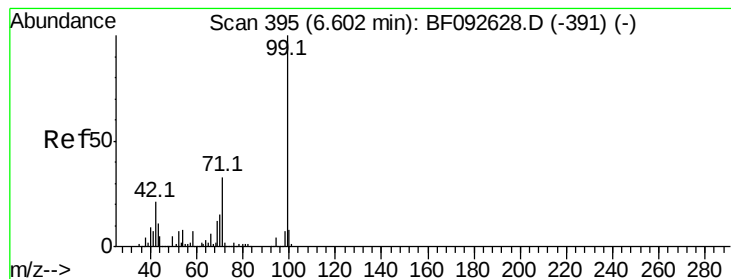


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 126.89 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF093085.D

Acq: 22 Feb 2017 19:47

Instrument :

BNA_F

ClientSampleId :

WC-B38-B39-001

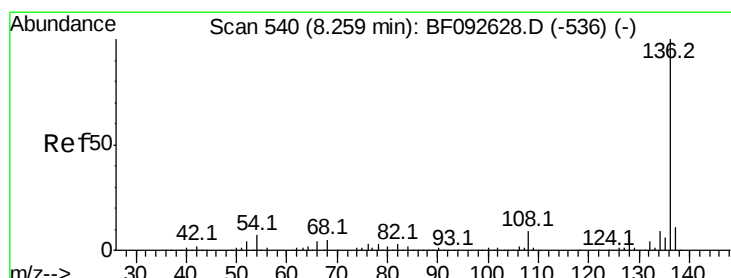
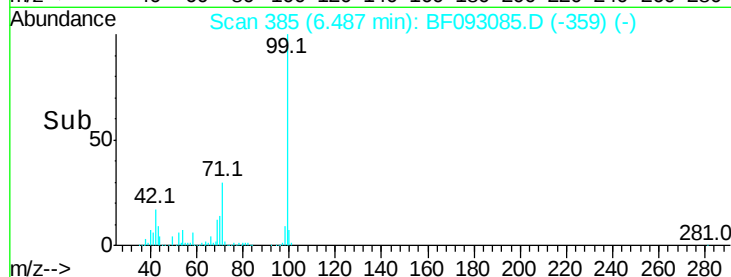
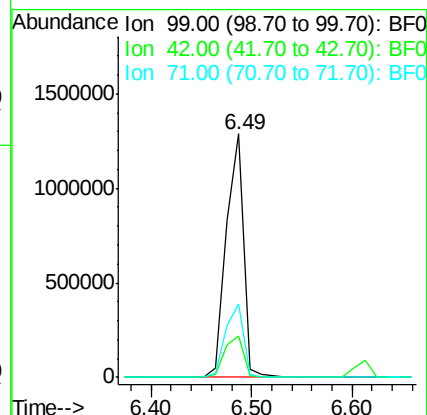
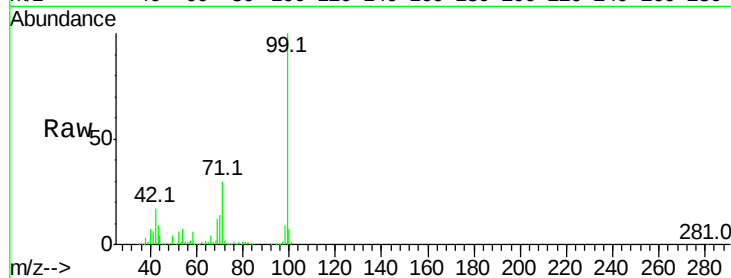
Tot Ion: 99 Resp: 1542141

Ion Ratio Lower Upper

99 100

42 16.9 15.6 23.4

71 30.3 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.02 min

Lab File: BF093085.D

Acq: 22 Feb 2017 19:47

Tgt Ion: 136 Resp: 617611

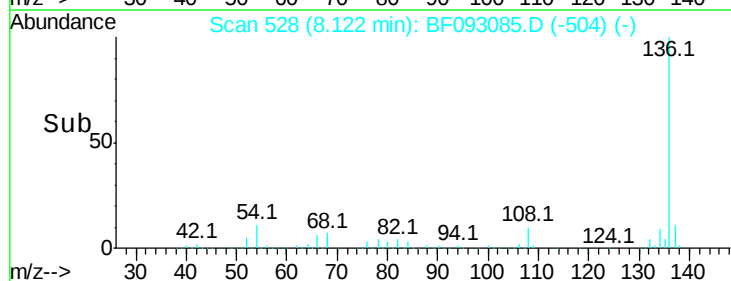
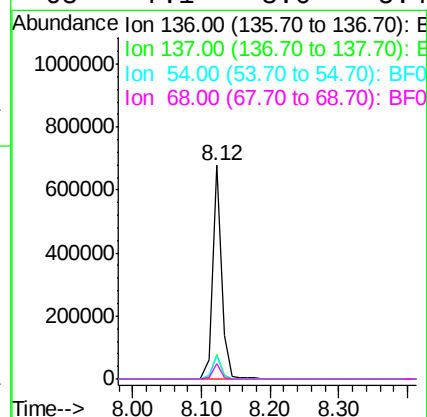
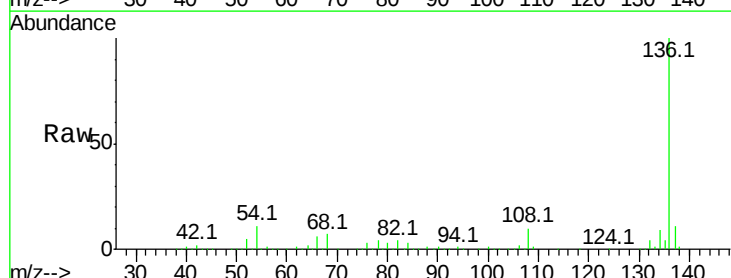
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 10.5 4.5 6.7#

68 7.1 3.6 5.4#



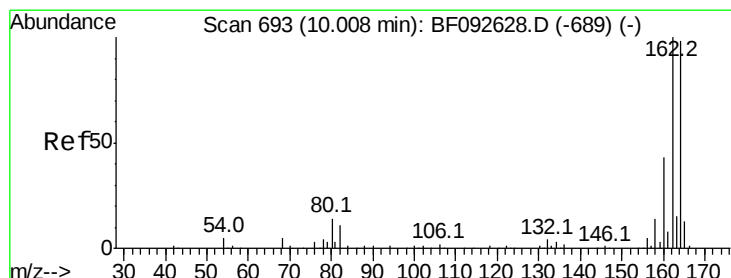
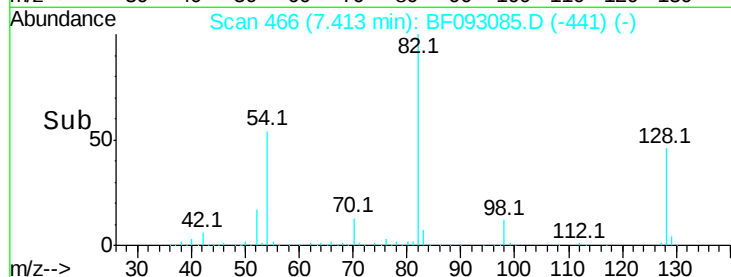
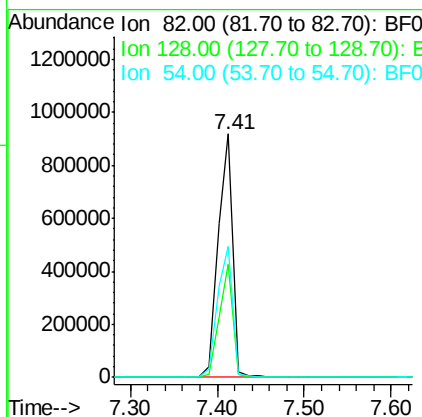
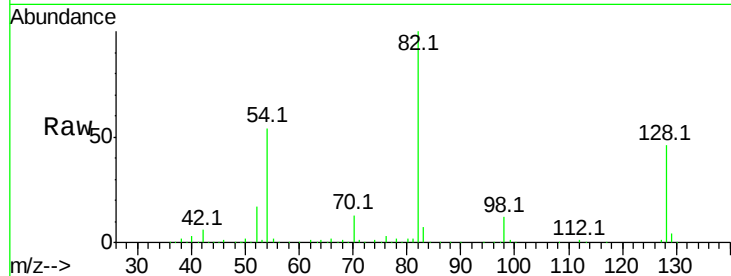


#23
 Nitrobenzene-d5
 Concen: 97.80 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093085.D
 Acq: 22 Feb 2017 19:47

Instrument :
 BNA_F
 ClientSampleId :
 WC-B38-B39-001

Tot Ion: 82 Resp: 1084621

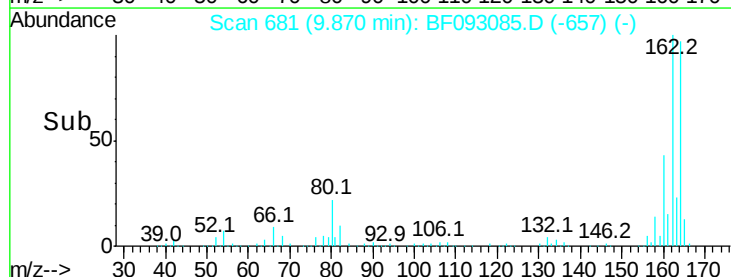
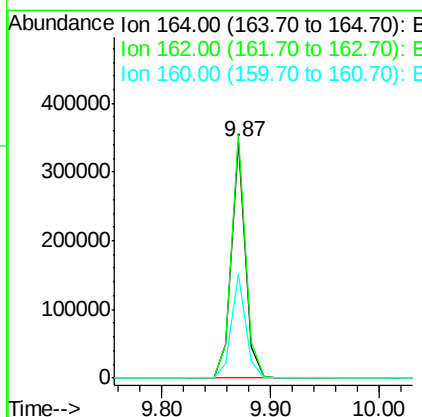
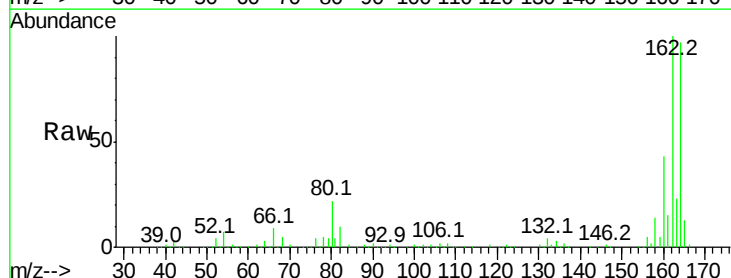
Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.6	52.0
54	53.8	39.5	59.3

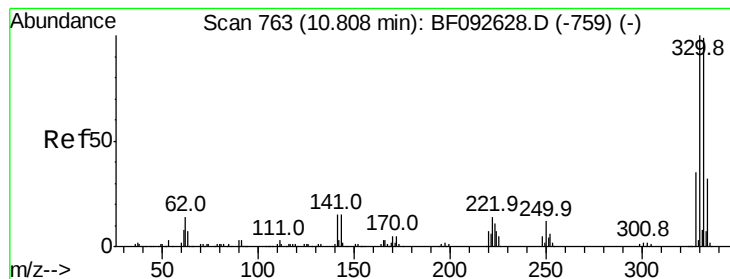


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.02 min
 Lab File: BF093085.D
 Acq: 22 Feb 2017 19:47

Tgt Ion: 164 Resp: 303798

Ion	Ratio	Lower	Upper
164	100		
162	103.2	80.2	120.2
160	44.2	36.9	55.3





#41

2,4,6-Tribromophenol

Concen: 153.58 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF093085.D

Acq: 22 Feb 2017 19:47

Instrument :

BNA_F

ClientSampleId :

WC-B38-B39-001

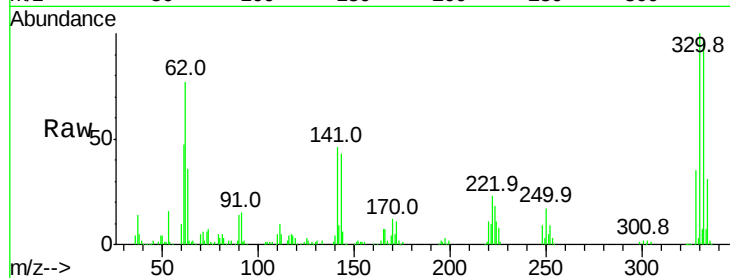
Tot Ion:330 Resp: 337463

Ion Ratio Lower Upper

330 100

332 97.4 77.4 116.2

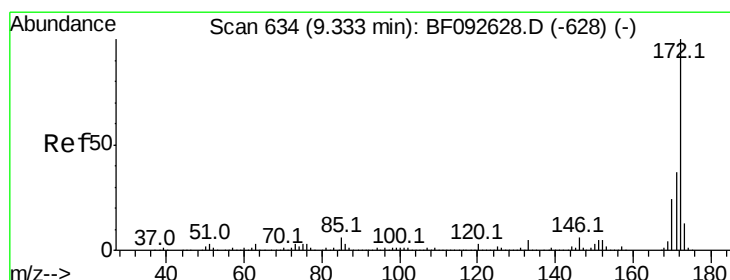
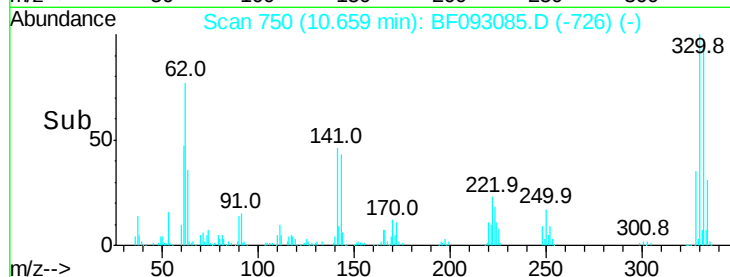
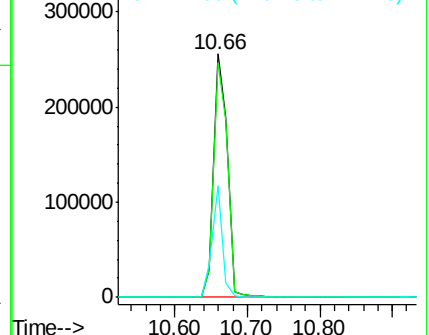
141 35.0 34.1 51.1



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: 97.13 ng

RT: 9.20 min Scan# 622

Delta R.T. -0.02 min

Lab File: BF093085.D

Acq: 22 Feb 2017 19:47

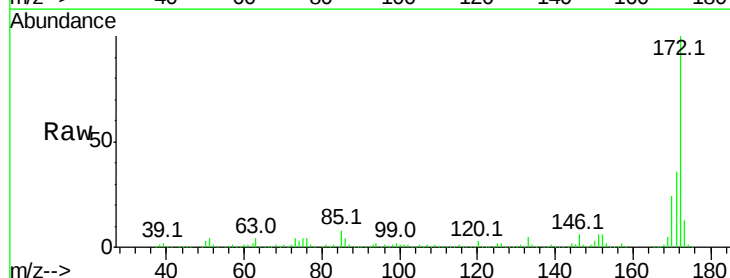
Tgt Ion:172 Resp: 1628775

Ion Ratio Lower Upper

172 100

171 36.2 29.4 44.0

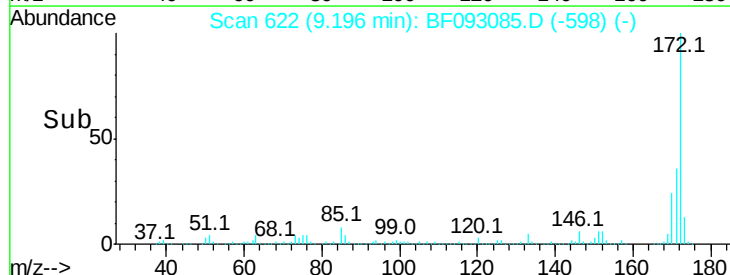
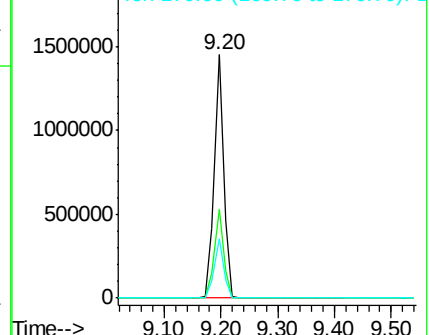
170 24.4 20.2 30.4

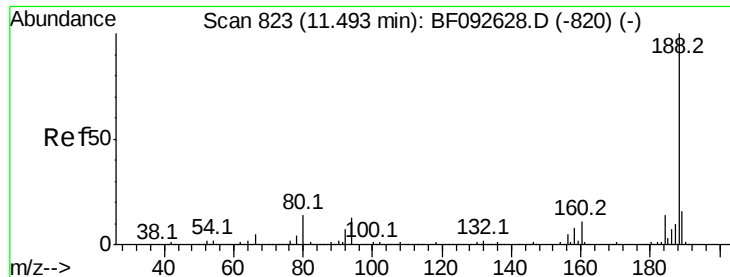


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

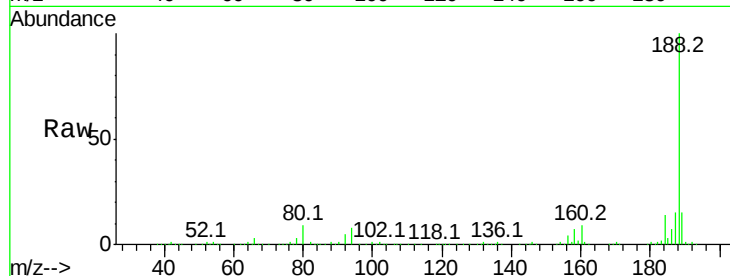




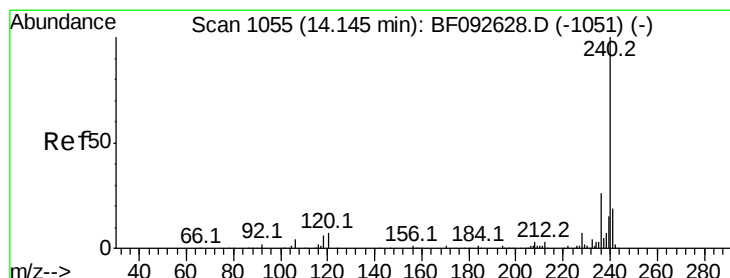
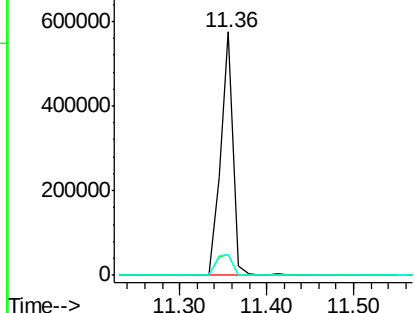
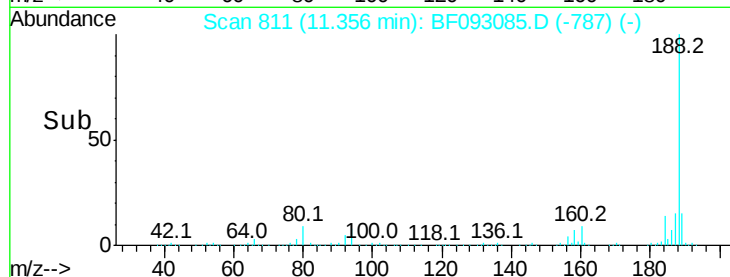
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093085.D
Acq: 22 Feb 2017 19:47

Instrument :
BNA_F
ClientSampleId :
WC-B38-B39-001

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.5	10.0	15.0#
80	8.8	11.2	16.8#

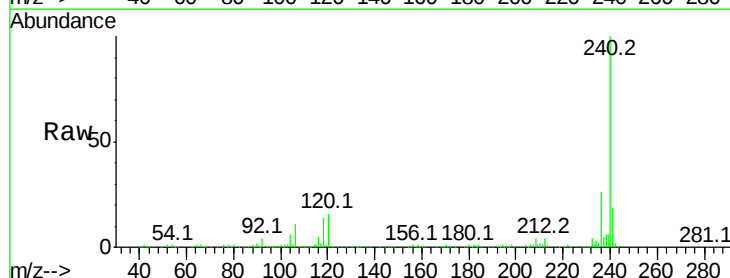


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

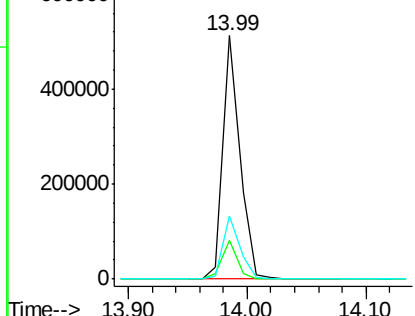
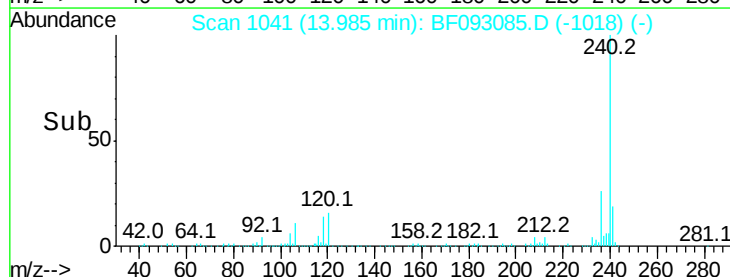


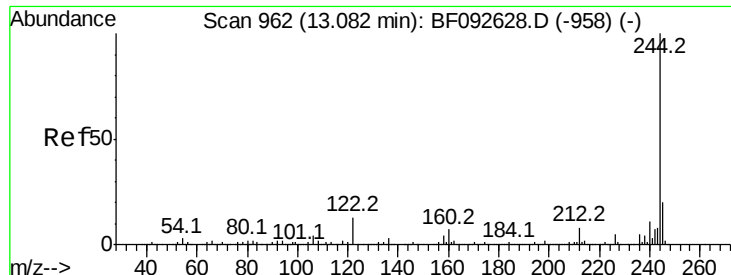
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BF093085.D
Acq: 22 Feb 2017 19:47

Tgt Ion	Ratio	Lower	Upper
240	100		
120	16.0	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: 78.57 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093085.D

Acq: 22 Feb 2017 19:47

Instrument :

BNA_F

ClientSampleId :

WC-B38-B39-001

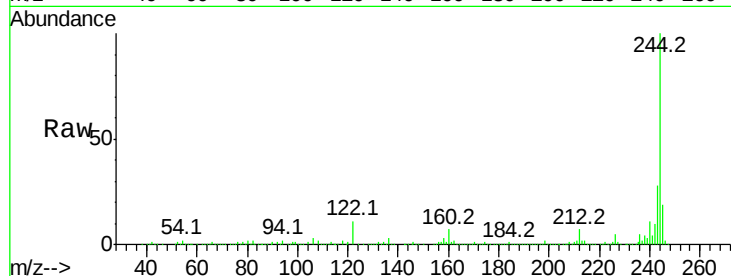
Tot Ion:244 Resp: 1699013

Ion Ratio Lower Upper

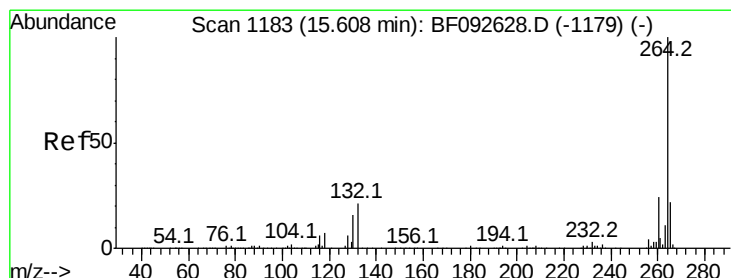
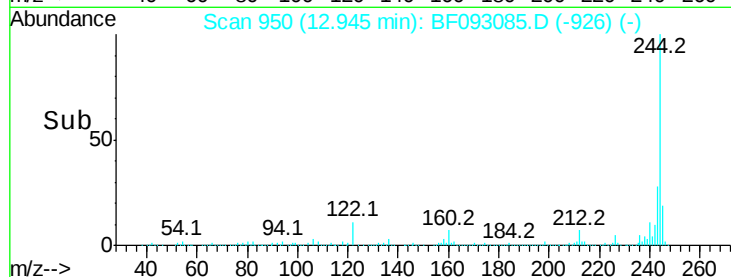
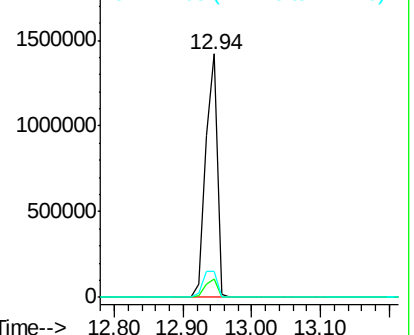
244 100

212 7.4 6.2 9.2

122 10.6 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: 15.41 min Scan# 1166

Delta R.T. -0.03 min

Lab File: BF093085.D

Acq: 22 Feb 2017 19:47

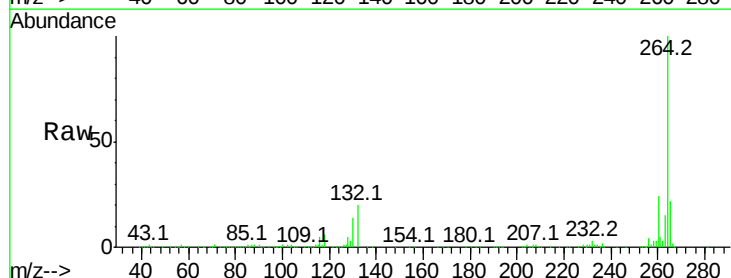
Tgt Ion:264 Resp: 379056

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.8 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

