

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
 Data File : BF095564.D
 Acq On : 31 May 2017 15:19
 Operator : SJ/MA
 Sample : PB99293BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB99293BL

Quant Time: Jun 01 04:26:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 04:09:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	102589	20.00	ng	0.00
21) Naphthalene-d8	9.58	136	392860	20.00	ng	0.00
38) Acenaphthene-d10	12.41	164	196913	20.00	ng	0.00
63) Phenanthrene-d10	14.81	188	355323	20.00	ng	0.00
75) Chrysene-d12	18.51	240	324921	20.00	ng	0.00
86) Perylene-d12	20.18	264	261520	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	867550	140.99	ng	0.01
7) Phenol-d6	7.10	99	1050720	142.32	ng	0.00
23) Nitrobenzene-d5	8.46	82	592489	95.10	ng	-0.01
41) 2,4,6-Tribromophenol	13.71	330	232169	143.97	ng	0.00
44) 2-Fluorobiphenyl	11.36	172	1244054	90.93	ng	0.00
78) Terphenyl-d14	17.16	244	1079698	73.19	ng	0.00

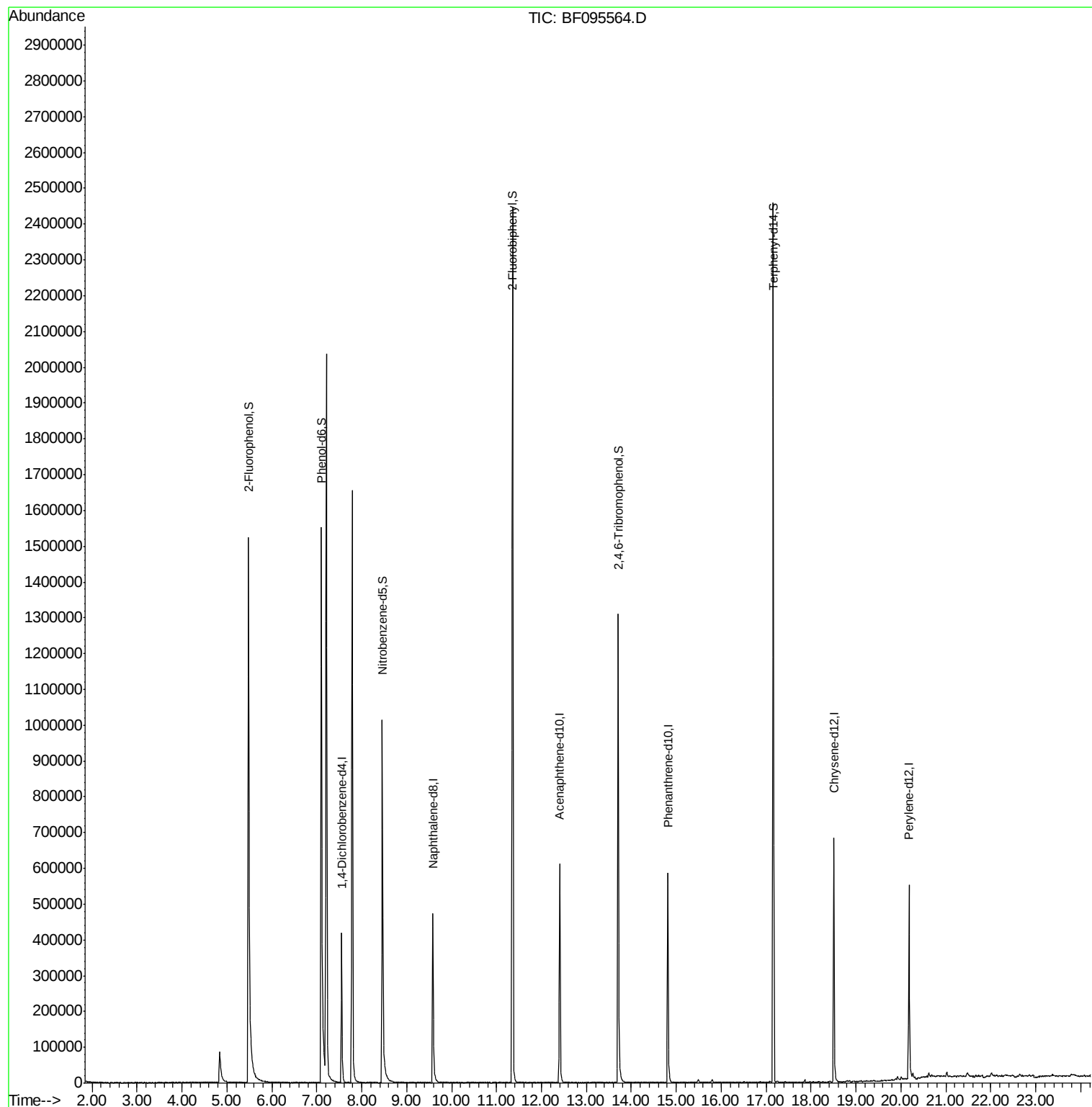
Target Compounds Qvalue

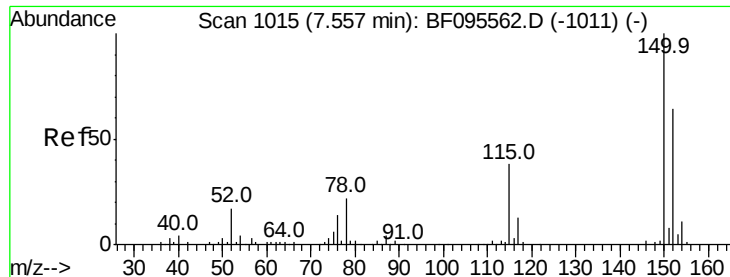
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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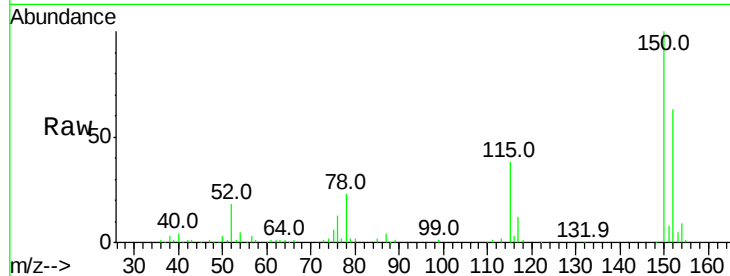


#1

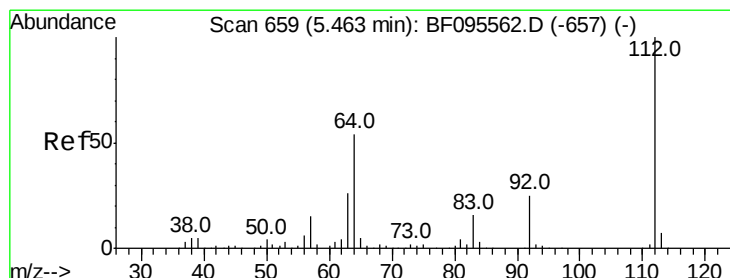
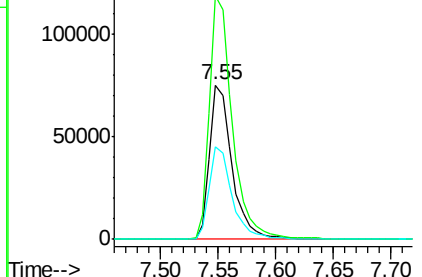
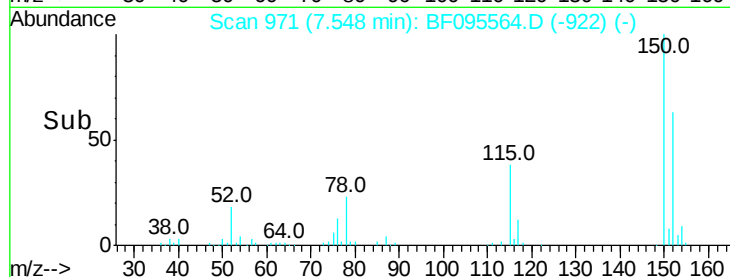
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.55 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BF095564.D
 Acq: 31 May 2017 15:19

Instrument :
 BNA_F
 ClientSampleId :
 PB99293BL

Tot Ion:152 Resp: 102589
 Ion Ratio Lower Upper
 152 100
 150 158.1 126.2 189.2
 115 60.5 52.2 78.2



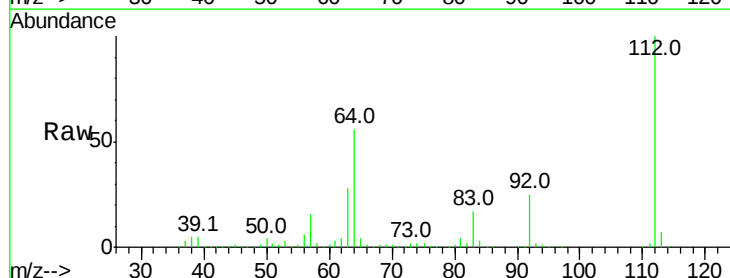
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



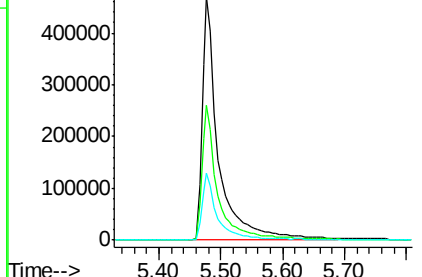
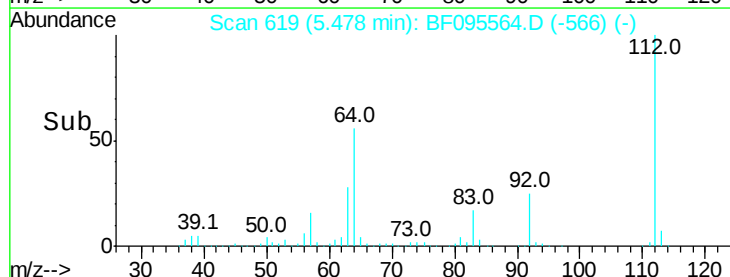
#5

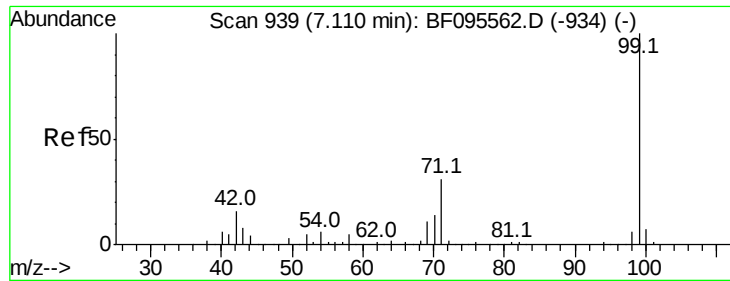
2-Fluorophenol
 Concen: 140.99 ng
 RT: 5.48 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: BF095564.D
 Acq: 31 May 2017 15:19

Tgt Ion:112 Resp: 867550
 Ion Ratio Lower Upper
 112 100
 64 55.6 46.0 69.0
 63 27.6 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: 142.32 ng

RT: 7.10 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF095564.D

Acq: 31 May 2017 15:19

Instrument :

BNA_F

ClientSampleId :

PB99293BL

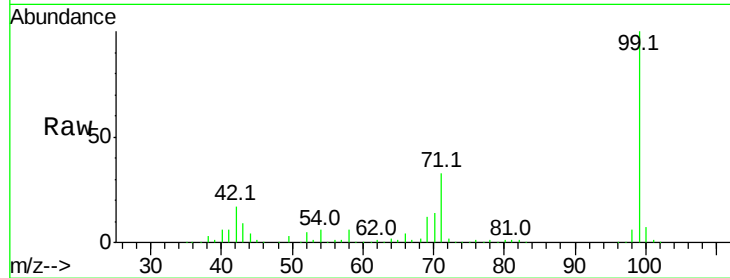
Tot Ion: 99 Resp: 1050720

Ion Ratio Lower Upper

99 100

42 16.8 13.5 20.3

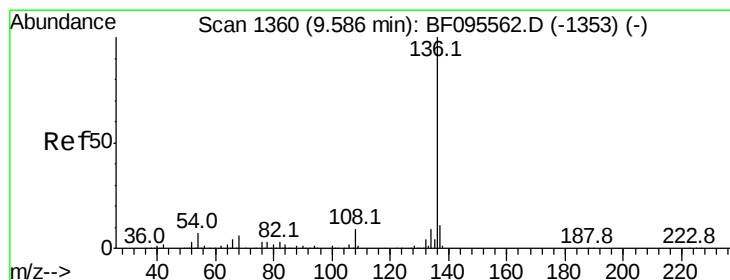
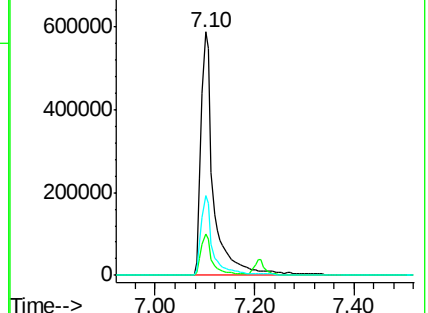
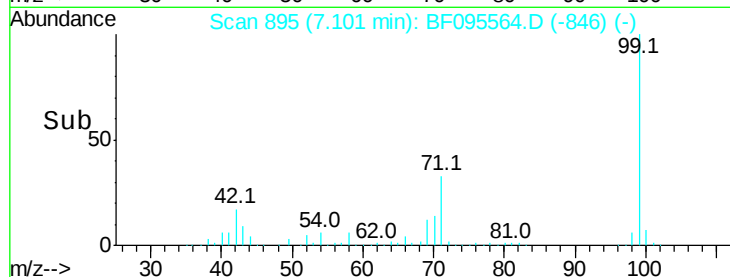
71 32.6 24.5 36.7



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: 9.58 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BF095564.D

Acq: 31 May 2017 15:19

Tgt Ion: 136 Resp: 392860

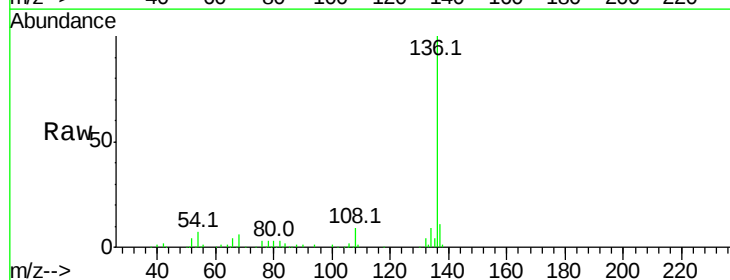
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 6.8 4.9 7.3

68 5.8 4.1 6.1

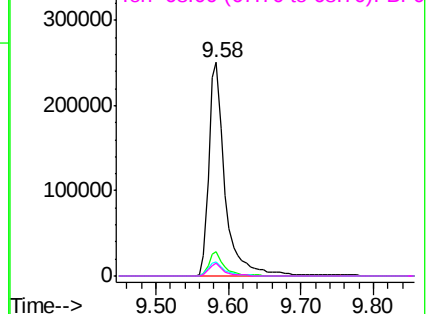
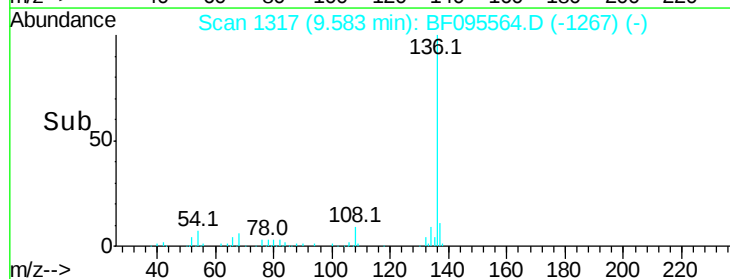


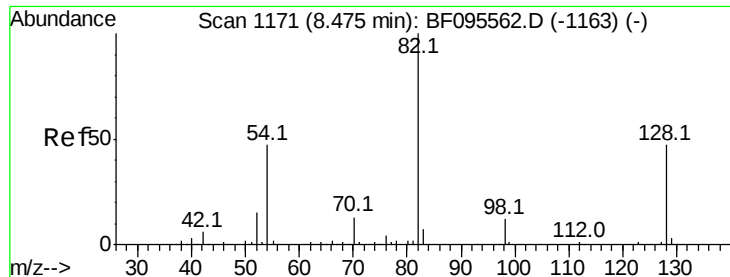
Abundance Ion 136.00 (135.70 to 136.70): E

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

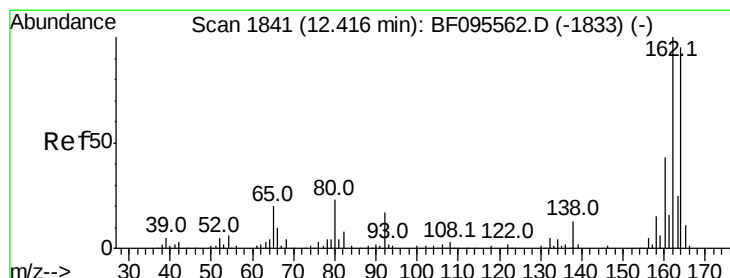
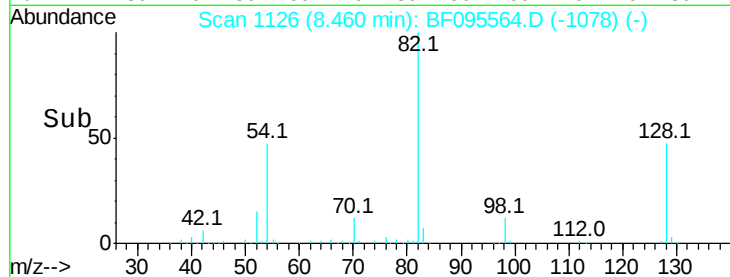
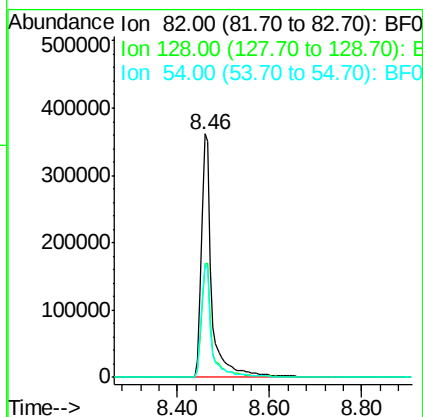
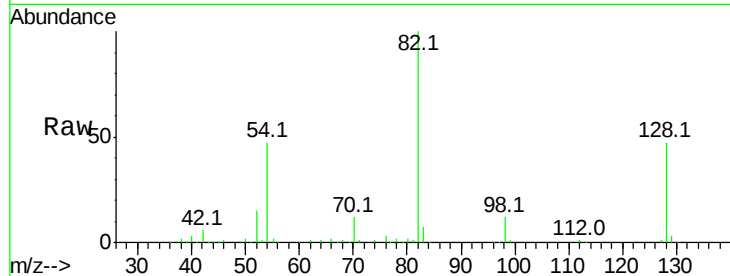




#23
Nitrobenzene-d5
Concen: 95.10 ng
RT: 8.46 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF095564.D
Acq: 31 May 2017 15:19

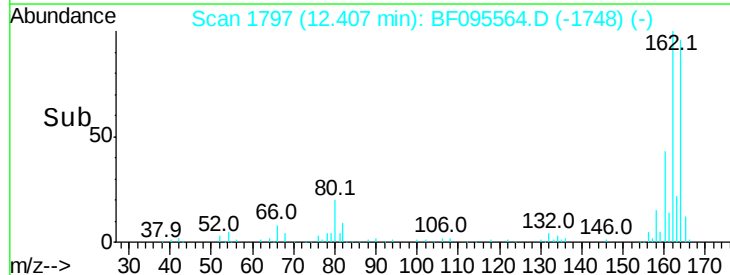
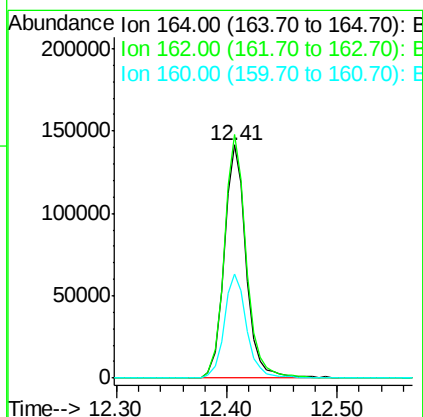
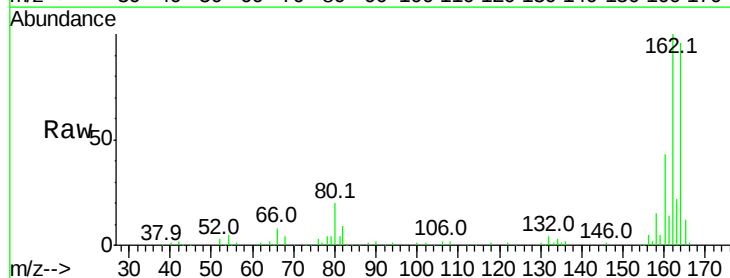
Instrument :
BNA_F
ClientSampleId :
PB99293BL

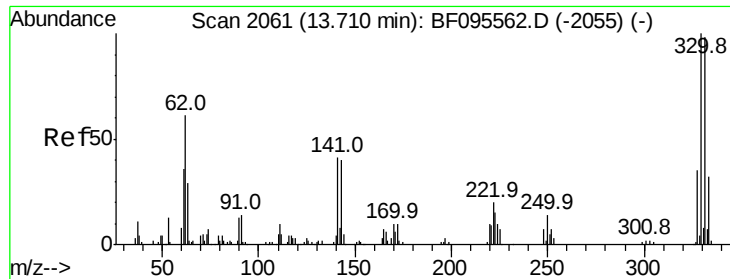
Tot Ion: 82 Resp: 592489
Ion Ratio Lower Upper
82 100
128 46.6 34.0 51.0
54 47.0 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.41 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BF095564.D
Acq: 31 May 2017 15:19

Tgt Ion:164 Resp: 196913
Ion Ratio Lower Upper
164 100
162 104.5 82.6 123.8
160 44.7 36.2 54.2

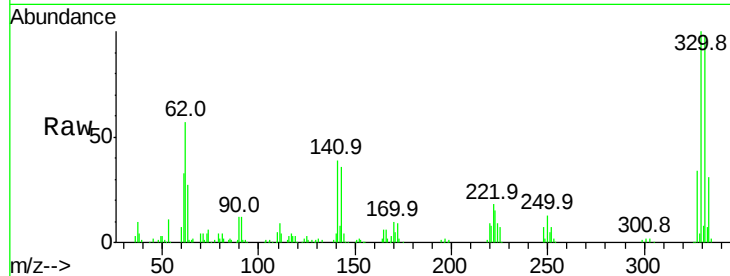




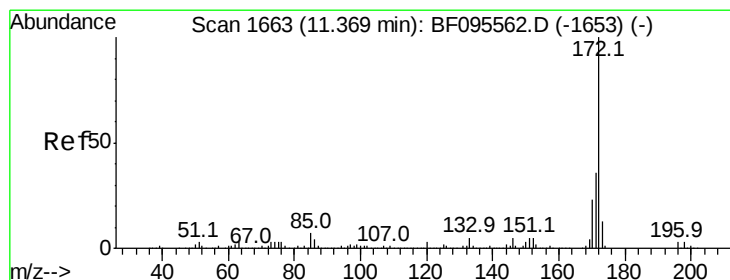
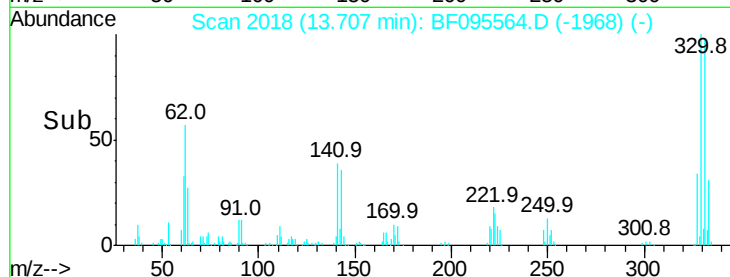
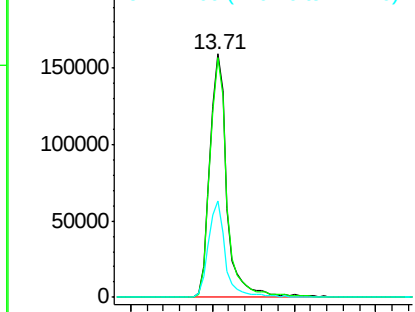
#41
 2,4,6-Tribromophenol
 Concen: 143.97 ng
 RT: 13.71 min Scan# 2018
 Delta R.T. -0.00 min
 Lab File: BF095564.D
 Acq: 31 May 2017 15:19

Instrument :
 BNA_F
 ClientSampleId :
 PB99293BL

Tot Ion:330 Resp: 232169
 Ion Ratio Lower Upper
 330 100
 332 98.7 76.6 115.0
 141 39.1 31.4 47.2

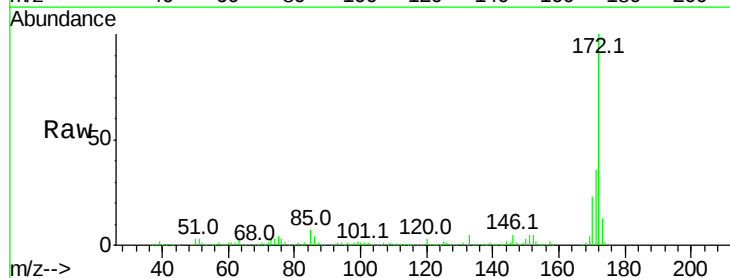


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

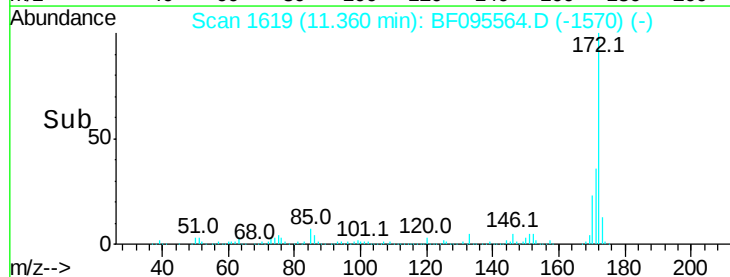
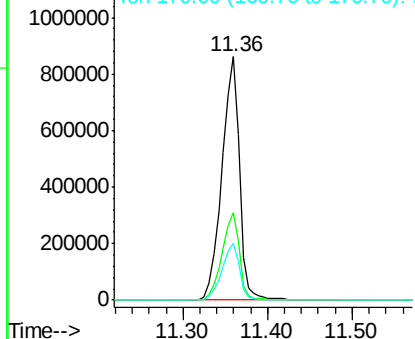


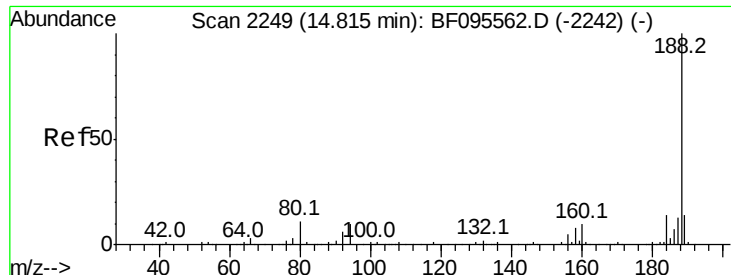
#44
 2-Fluorobiphenyl
 Concen: 90.93 ng
 RT: 11.36 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF095564.D
 Acq: 31 May 2017 15:19

Tgt Ion:172 Resp: 1244054
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.3 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

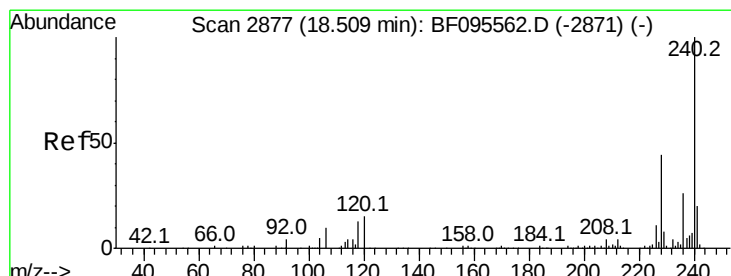
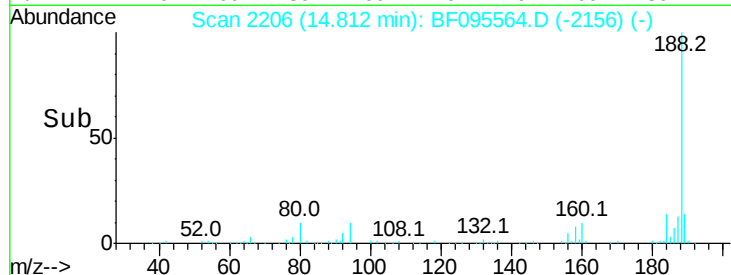
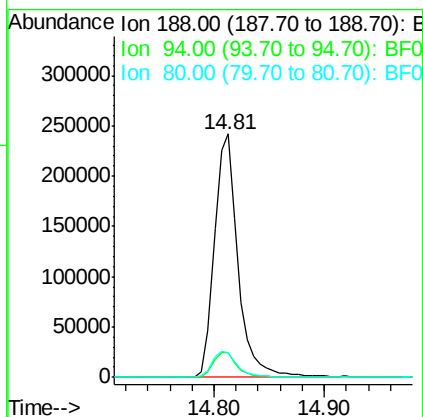
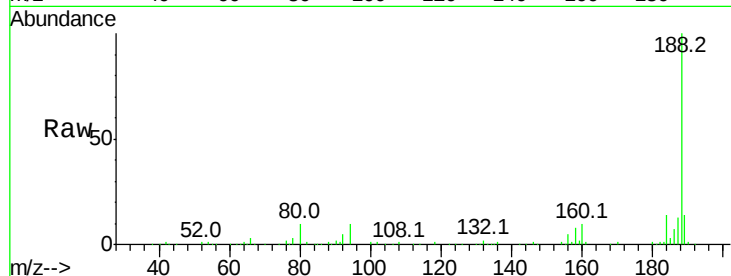




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BF095564.D
Acq: 31 May 2017 15:19

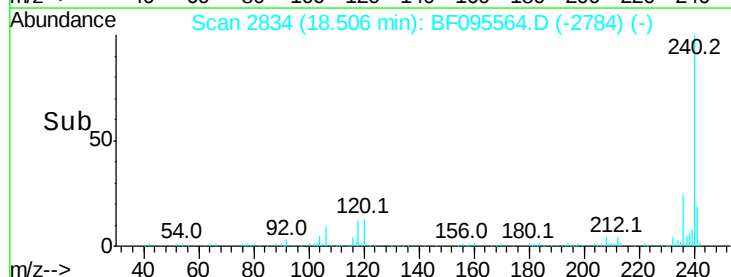
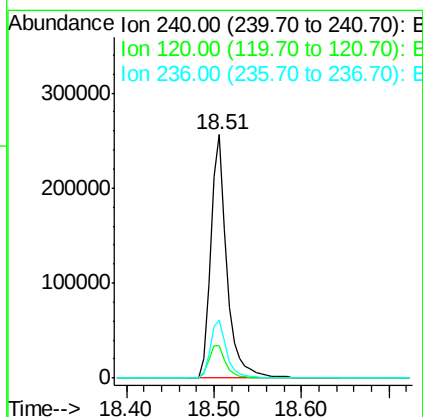
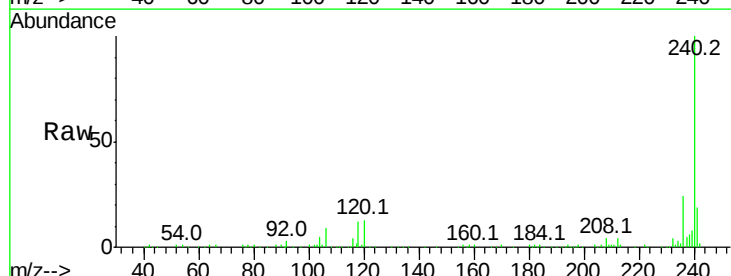
Instrument :
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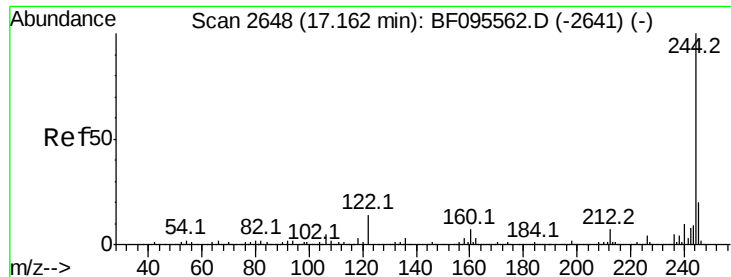
Tot Ion:188 Resp: 355323
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.2
80 10.3 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.51 min Scan# 2834
Delta R.T. -0.00 min
Lab File: BF095564.D
Acq: 31 May 2017 15:19

Tgt Ion:240 Resp: 324921
Ion Ratio Lower Upper
240 100
120 13.4 5.8 8.8#
236 24.0 20.5 30.7





#78

Terphenyl-d14

Concen: 73.19 ng

RT: 17.16 min Scan# 2605

Delta R.T. -0.00 min

Lab File: BF095564.D

Acq: 31 May 2017 15:19

Instrument :

BNA_F

ClientSampleId :

PB99293BL

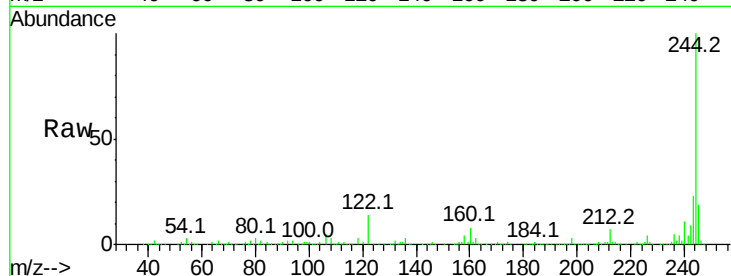
Tot Ion:244 Resp: 1079698

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

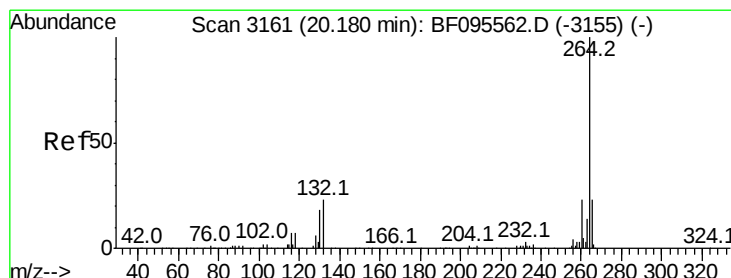
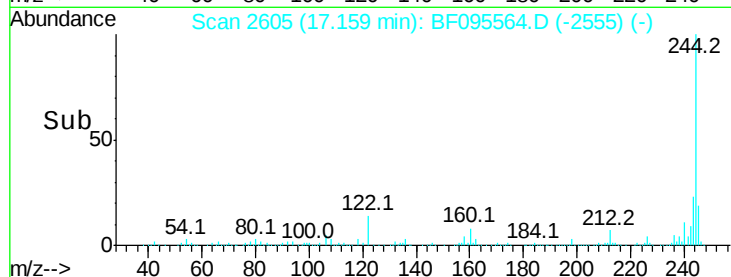
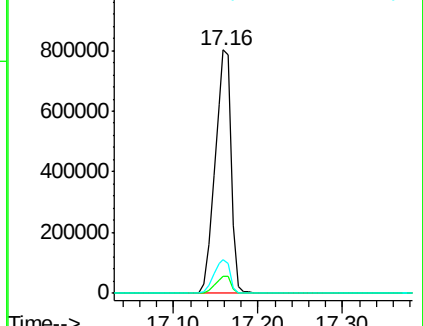
122 14.0 10.3 15.5



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: 20.18 min Scan# 3118

Delta R.T. -0.00 min

Lab File: BF095564.D

Acq: 31 May 2017 15:19

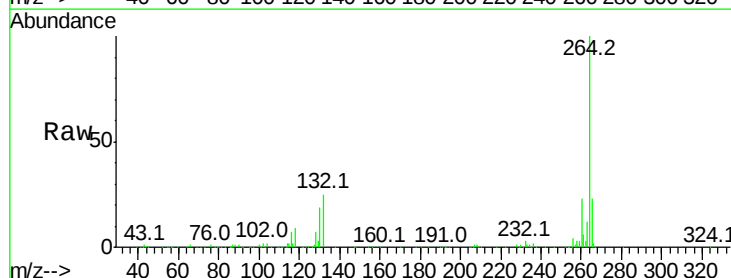
Tgt Ion:264 Resp: 261520

Ion Ratio Lower Upper

264 100

260 22.6 19.5 29.3

265 22.8 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

