

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
 Data File : BF095340.D
 Acq On : 23 May 2017 7:13
 Operator : SJ/MA
 Sample : I3278-09
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-4632

Quant Time: May 23 08:39:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	84659	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	333053	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	152363	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	191580	20.00	ng	0.00
75) Chrysene-d12	18.69	240	172671	20.00	ng	0.00
86) Perylene-d12	20.37	264	137635	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	709385	139.70	ng	0.00
7) Phenol-d6	7.31	99	805410	132.19	ng	0.00
23) Nitrobenzene-d5	8.66	82	497331	94.16	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	161487	129.42	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	1131741	106.91	ng	-0.01
78) Terphenyl-d14	17.33	244	689541	87.96	ng	-0.02

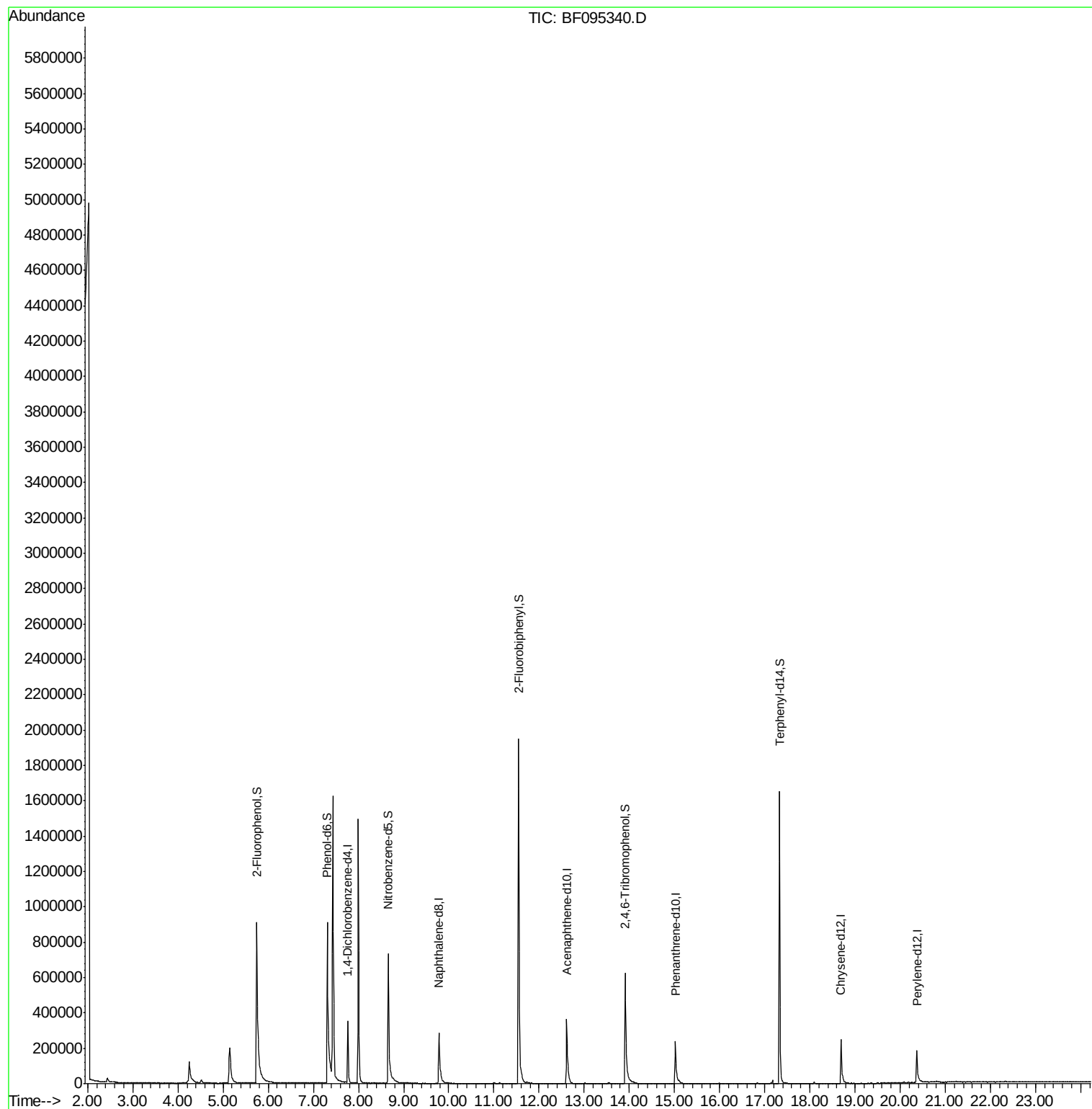
Target Compounds Qvalue

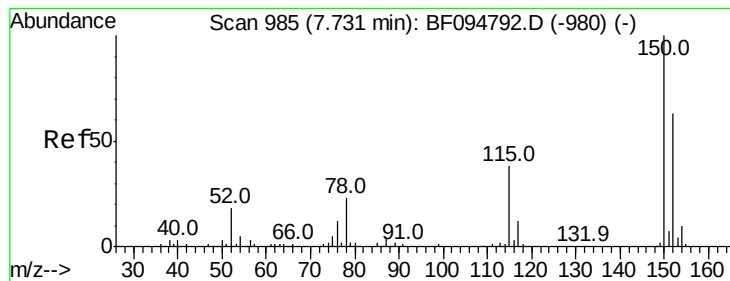
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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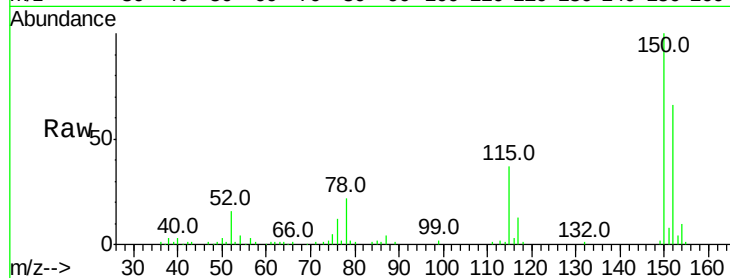


#1

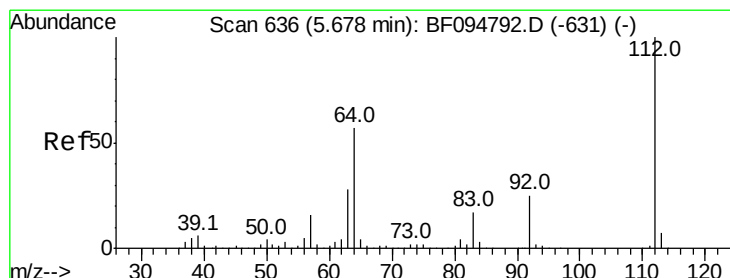
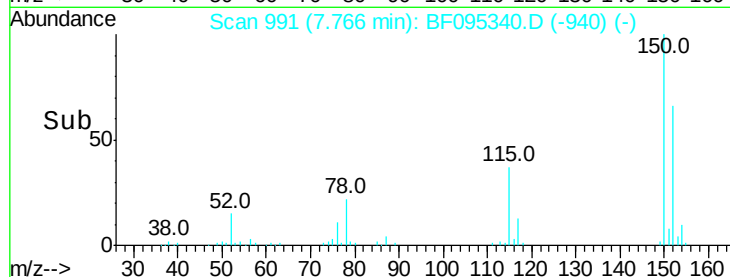
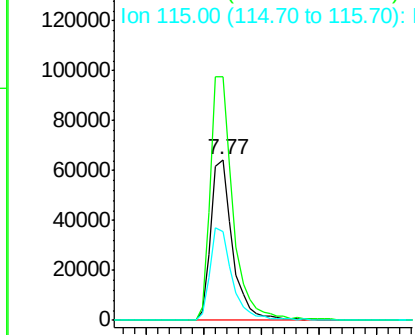
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF095340.D
Acq: 23 May 2017 7:13

Instrument :
BNA_F
ClientSampleId :
RT-4632

Tot Ion:152 Resp: 84659
Ion Ratio Lower Upper
152 100
150 151.8 126.2 189.2
115 55.7 52.2 78.2



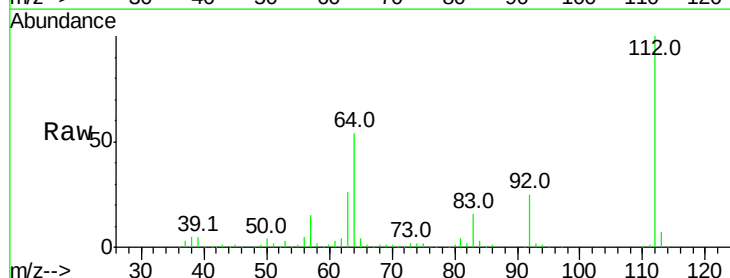
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



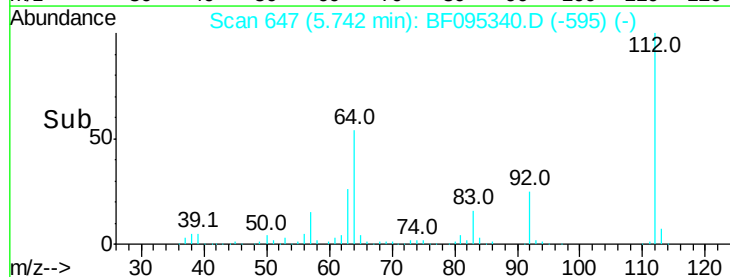
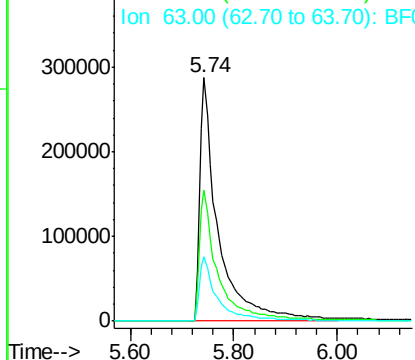
#5

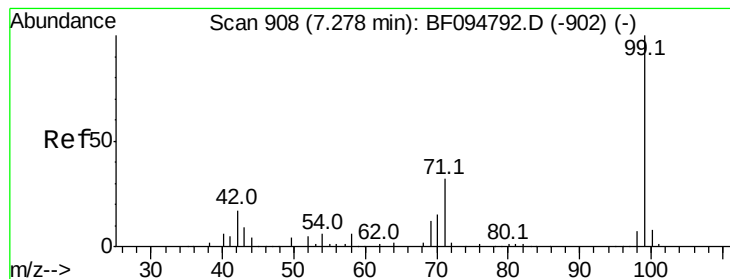
2-Fluorophenol
Concen: 139.70 ng
RT: 5.74 min Scan# 647
Delta R.T. 0.01 min
Lab File: BF095340.D
Acq: 23 May 2017 7:13

Tgt Ion:112 Resp: 709385
Ion Ratio Lower Upper
112 100
64 54.0 46.0 69.0
63 26.3 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: 132.19 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095340.D

Acq: 23 May 2017 7:13

Instrument :

BNA_F

ClientSampleId :

RT-4632

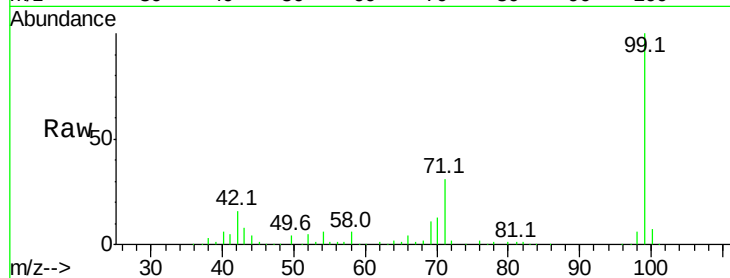
Tot Ion: 99 Resp: 805410

Ion Ratio Lower Upper

99 100

42 15.6 13.5 20.3

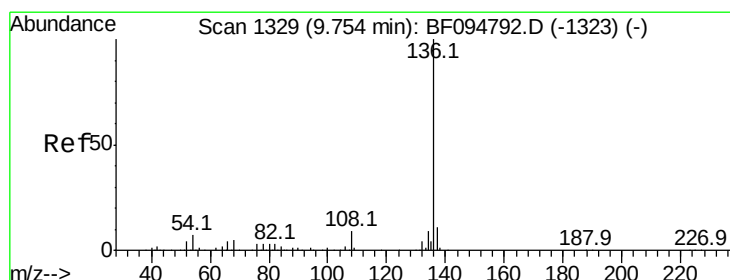
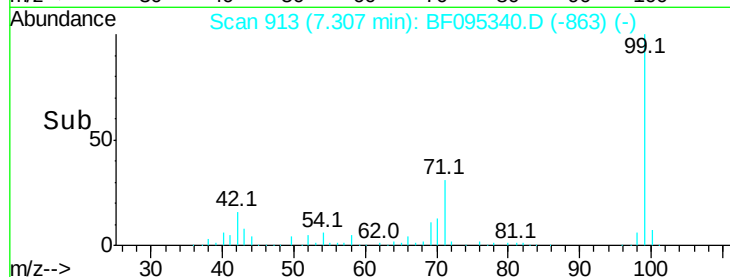
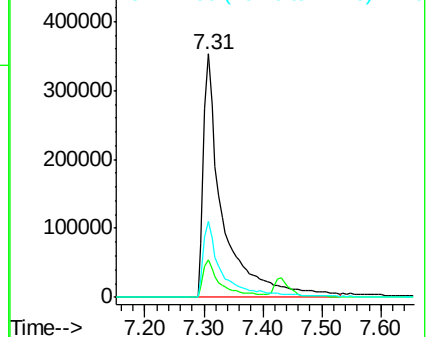
71 31.1 24.5 36.7



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: 9.78 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF095340.D

Acq: 23 May 2017 7:13

Tgt Ion: 136 Resp: 333053

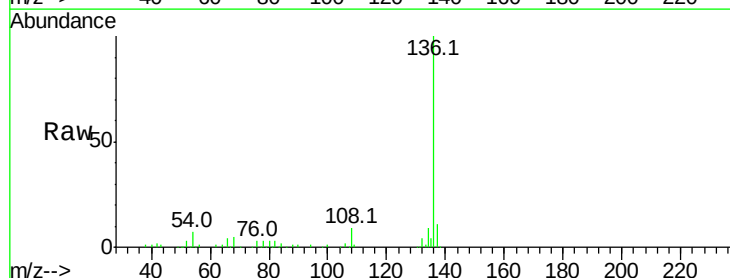
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.1 4.9 7.3

68 5.1 4.1 6.1

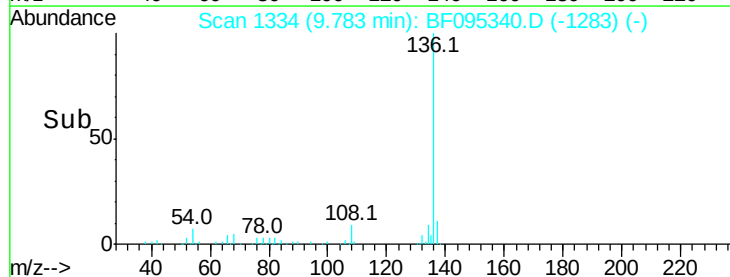
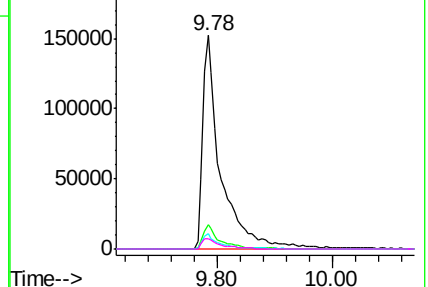


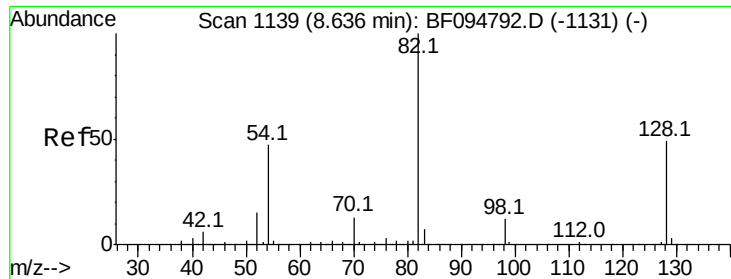
Abundance Ion 136.00 (135.70 to 136.70): E

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

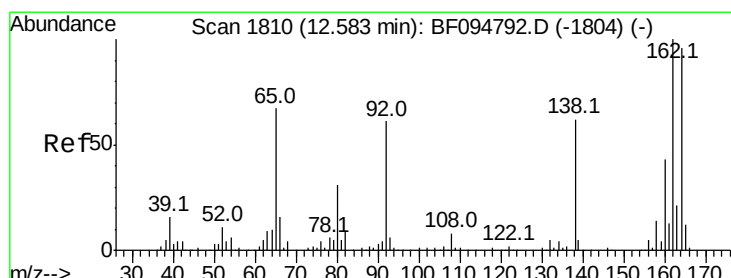
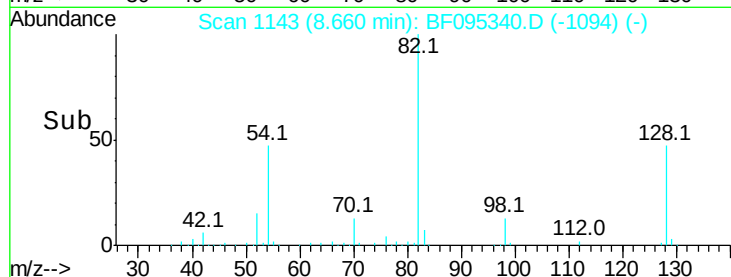
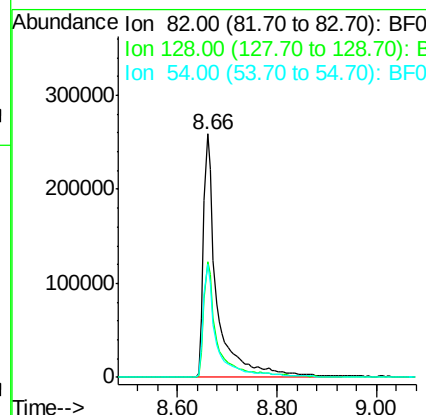
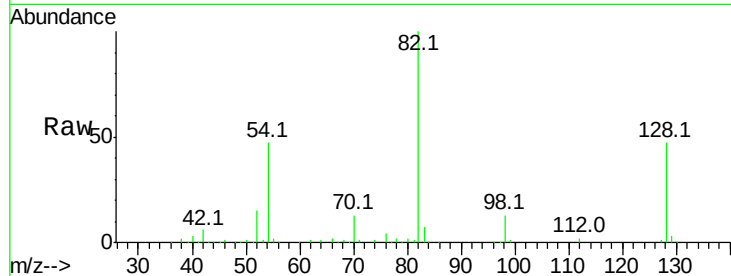




#23
 Nitrobenzene-d5
 Concen: 94.16 ng
 RT: 8.66 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF095340.D
 Acq: 23 May 2017 7:13

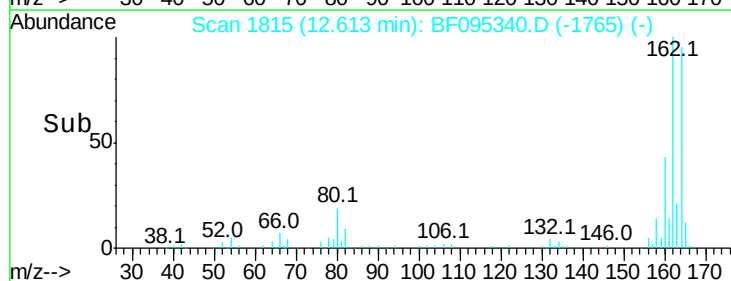
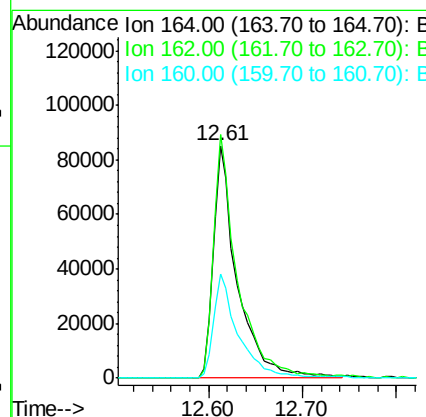
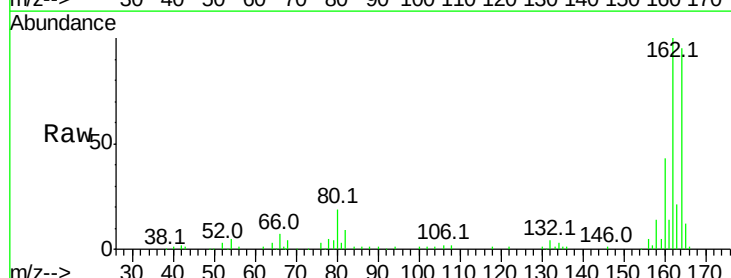
Instrument :
 BNA_F
 ClientSampleId :
 RT-4632

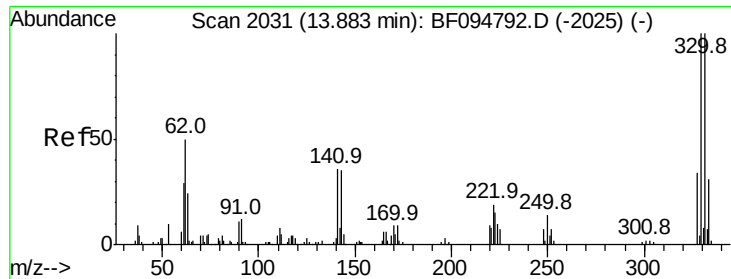
Tot Ion: 82 Resp: 497331
 Ion Ratio Lower Upper
 82 100
 128 47.4 34.0 51.0
 54 46.6 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.61 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BF095340.D
 Acq: 23 May 2017 7:13

Tgt Ion: 164 Resp: 152363
 Ion Ratio Lower Upper
 164 100
 162 104.9 82.6 123.8
 160 44.6 36.2 54.2

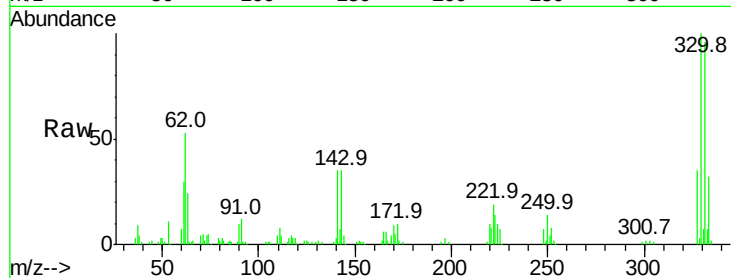




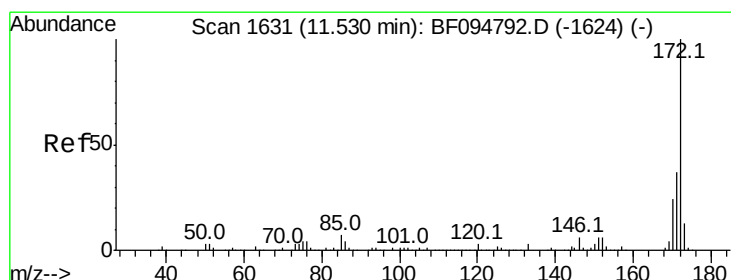
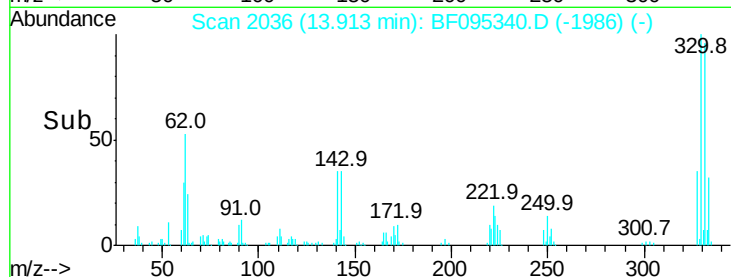
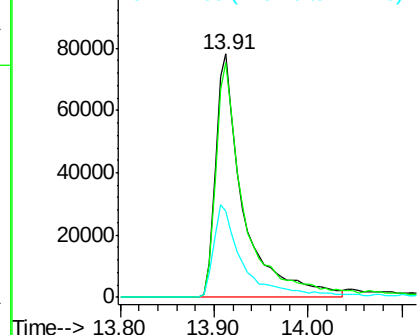
#41
 2,4,6-Tribromophenol
 Concen: 129.42 ng
 RT: 13.91 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF095340.D
 Acq: 23 May 2017 7:13

Instrument :
 BNA_F
 ClientSampled :
 RT-4632

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.9	76.6	115.0
141	38.4	31.4	47.2

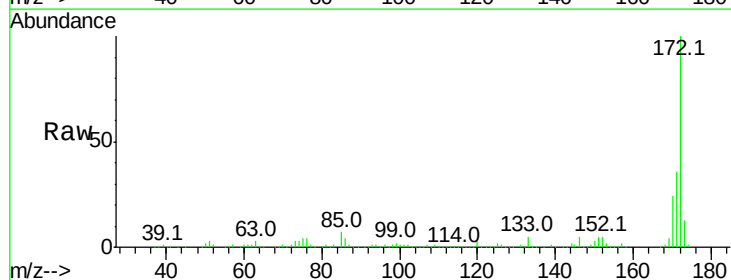


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

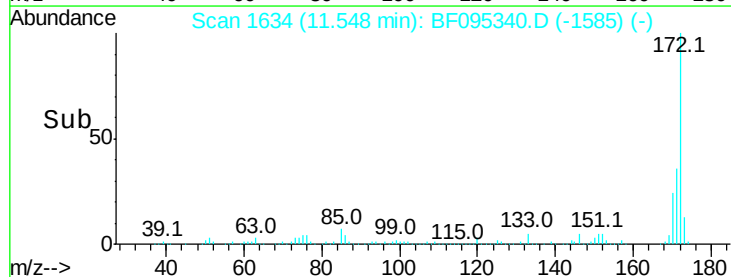
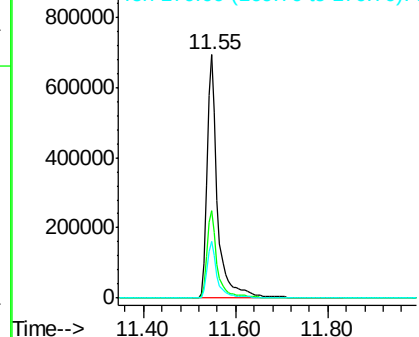


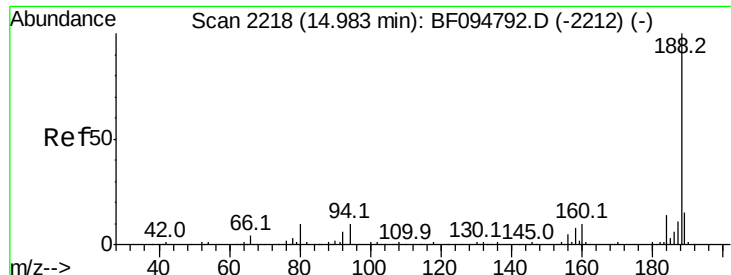
#44
 2-Fluorobiphenyl
 Concen: 106.91 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF095340.D
 Acq: 23 May 2017 7:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.5	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

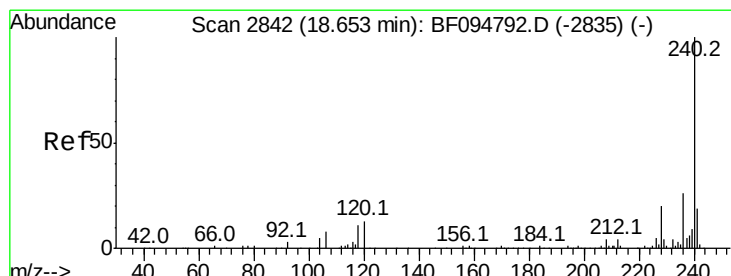
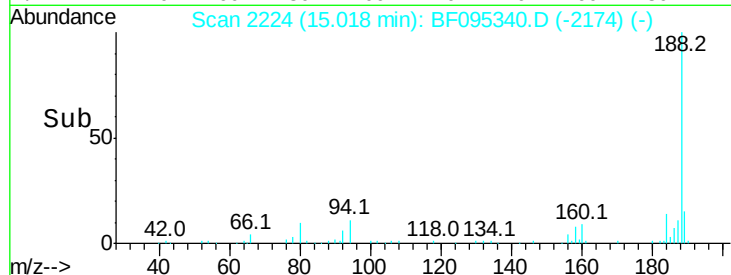
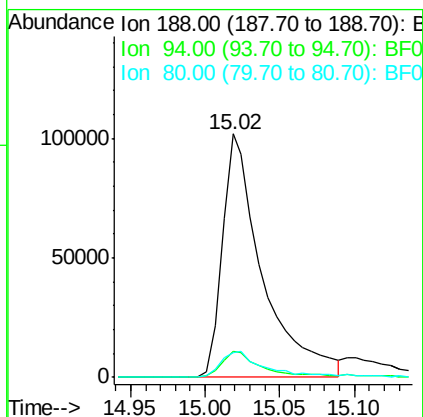
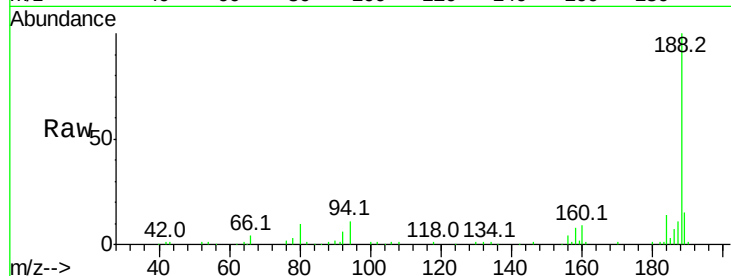




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF095340.D
 Acq: 23 May 2017 7:13

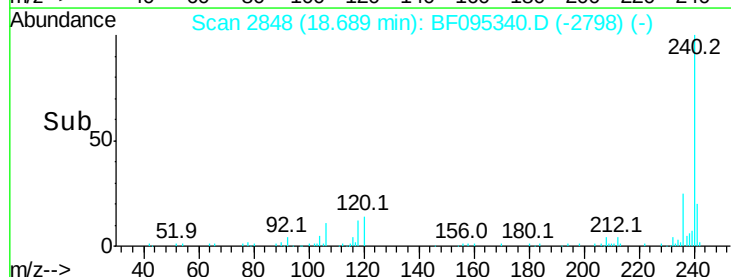
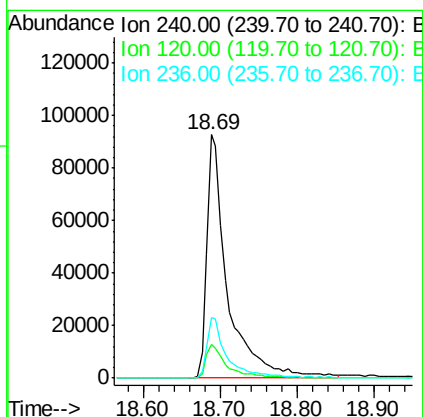
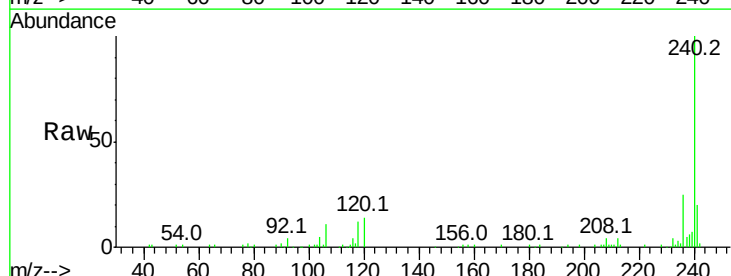
Instrument :
 BNA_F
 ClientSampleId :
 RT-4632

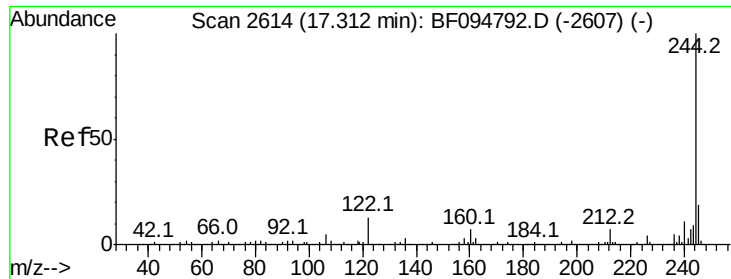
Tot Ion:188 Resp: 191580
 Ion Ratio Lower Upper
 188 100
 94 10.8 9.4 14.2
 80 10.1 10.2 15.2#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BF095340.D
 Acq: 23 May 2017 7:13

Tgt Ion:240 Resp: 172671
 Ion Ratio Lower Upper
 240 100
 120 13.6 5.8 8.8#
 236 24.8 20.5 30.7





#78

Terphenyl-d14

Concen: 87.96 ng

RT: 17.33 min Scan# 2617

Delta R.T. -0.02 min

Lab File: BF095340.D

Acq: 23 May 2017 7:13

Instrument :

BNA_F

ClientSampleId :

RT-4632

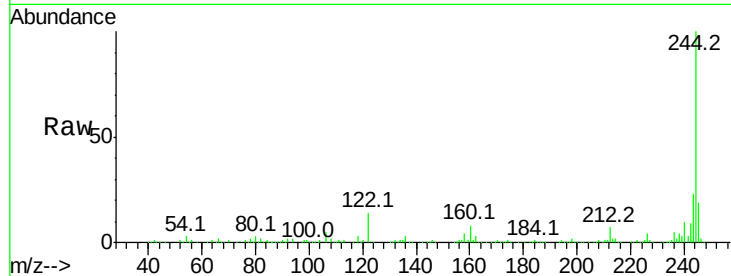
Tot Ion:244 Resp: 689541

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

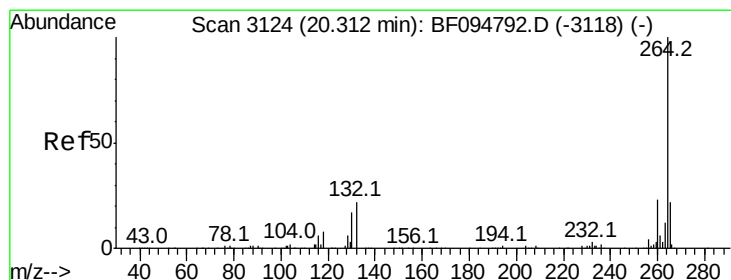
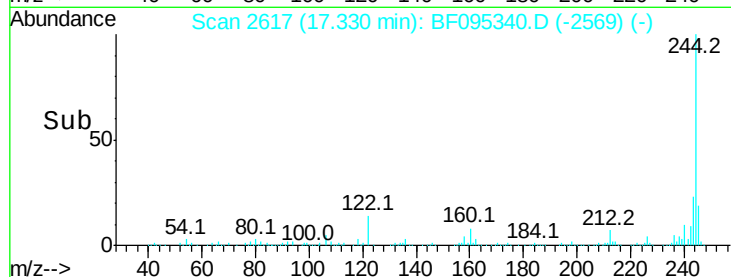
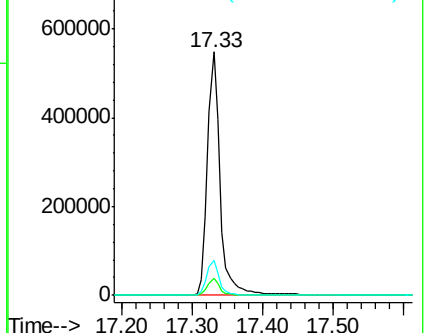
122 14.3 10.3 15.5



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: 20.37 min Scan# 3134

Delta R.T. 0.01 min

Lab File: BF095340.D

Acq: 23 May 2017 7:13

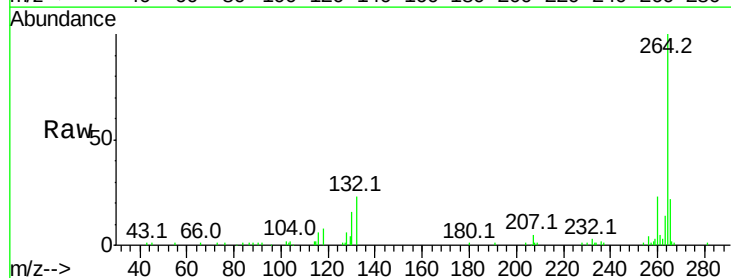
Tgt Ion:264 Resp: 137635

Ion Ratio Lower Upper

264 100

260 22.7 19.5 29.3

265 21.9 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

