

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051917\
 Data File : BF095292.D
 Acq On : 20 May 2017 8:19
 Operator : SJ/MA
 Sample : I3227-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-11939

Quant Time: May 22 02:28:37 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	90225	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	343818	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	129950	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	201595	20.00	ng	0.00
75) Chrysene-d12	18.69	240	160416	20.00	ng	0.00
86) Perylene-d12	20.37	264	93816	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	771903	142.64	ng	0.01
7) Phenol-d6	7.31	99	853596	131.46	ng	0.00
23) Nitrobenzene-d5	8.67	82	531101	97.41	ng	0.00
41) 2,4,6-Tribromophenol	13.91	330	205528	193.12	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	1114175	123.41	ng	0.00
78) Terphenyl-d14	17.34	244	1345385	184.73	ng	0.00

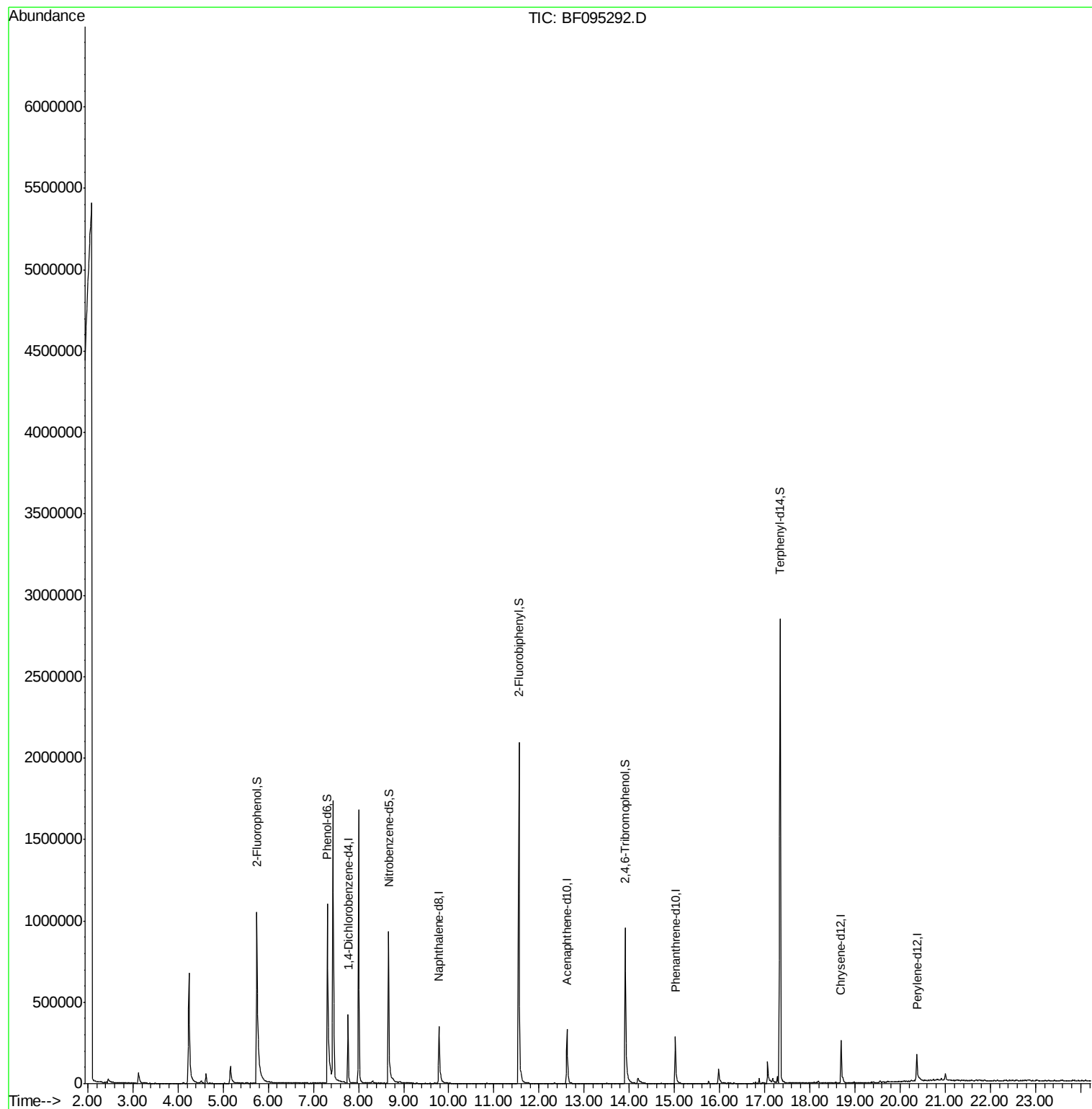
Target Compounds	Qvalue
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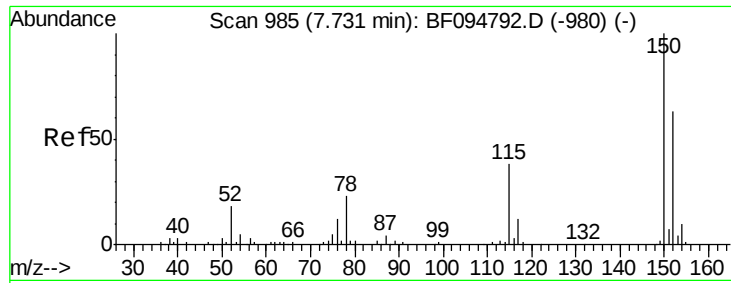
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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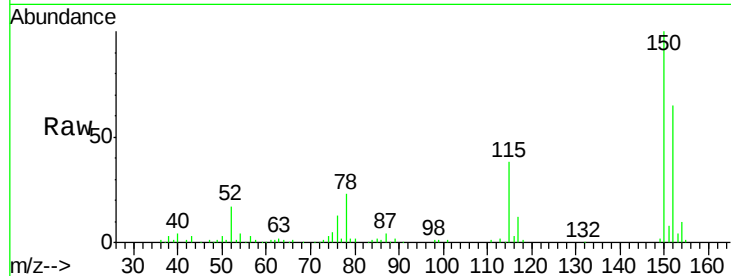




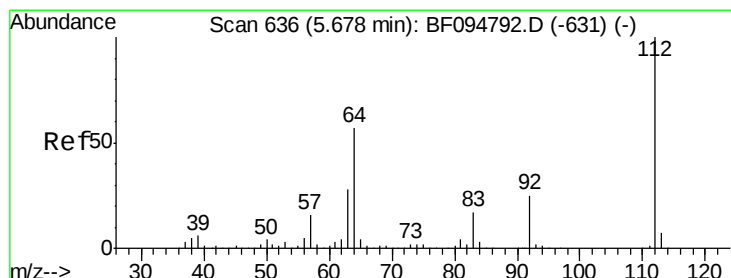
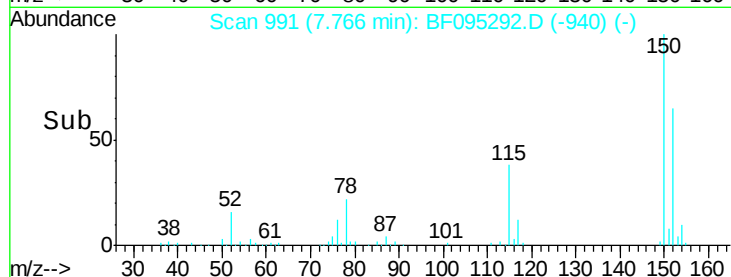
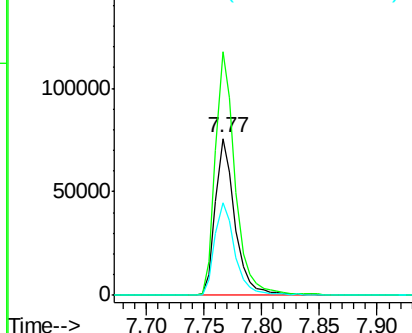
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.77 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BF095292.D
 Acq: 20 May 2017 8:19

Instrument :
 BNA_F
 ClientSampleId :
 RO-11939

Tgt Ion:152 Resp: 90225
 Ion Ratio Lower Upper
 152 100
 150 155.0 126.2 189.2
 115 59.3 52.2 78.2

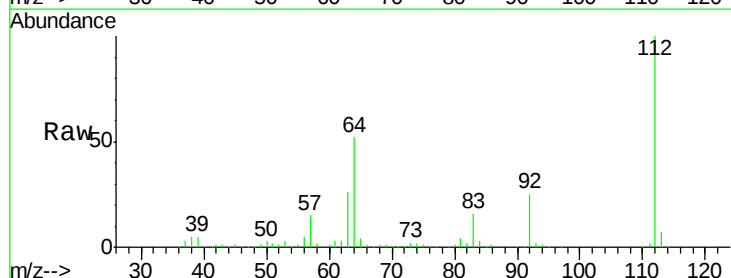


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

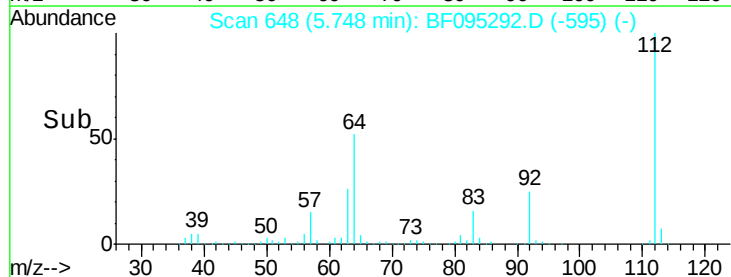
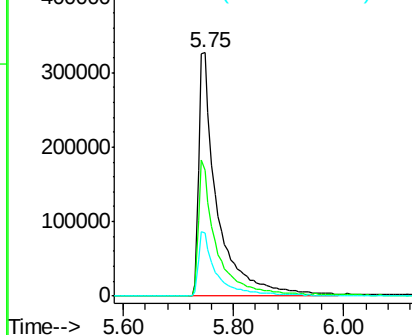


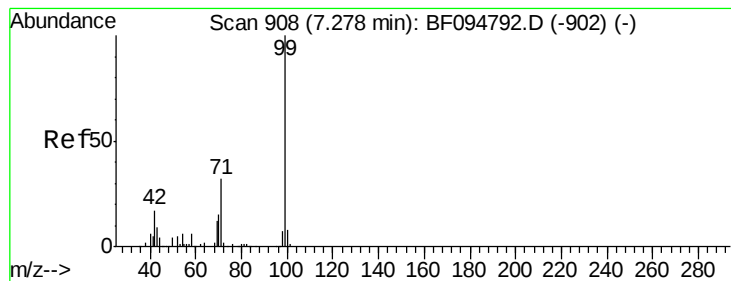
#5
 2-Fluorophenol
 Concen: 142.64 ng
 RT: 5.75 min Scan# 648
 Delta R.T. 0.01 min
 Lab File: BF095292.D
 Acq: 20 May 2017 8:19

Tgt Ion:112 Resp: 771903
 Ion Ratio Lower Upper
 112 100
 64 51.9 46.0 69.0
 63 26.0 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: 131.46 ng

RT: 7.31 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF095292.D

Acq: 20 May 2017 8:19

Instrument :

BNA_F

ClientSampleId :

RO-11939

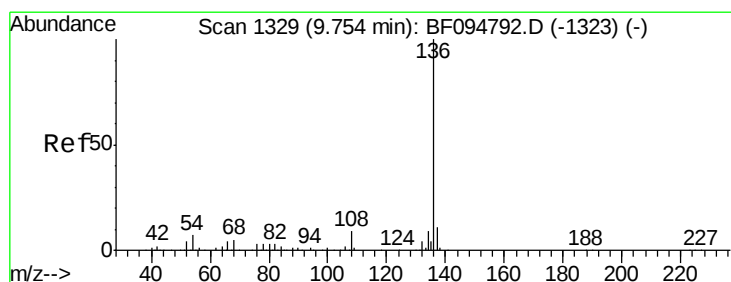
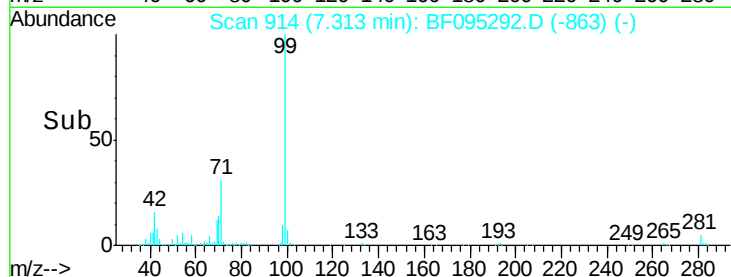
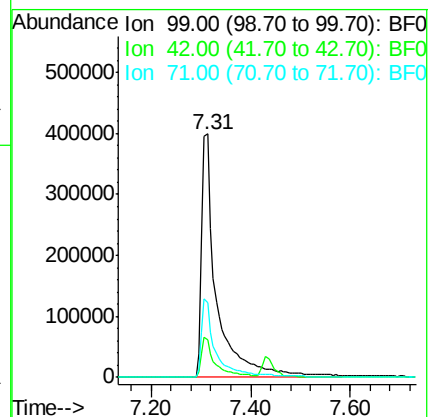
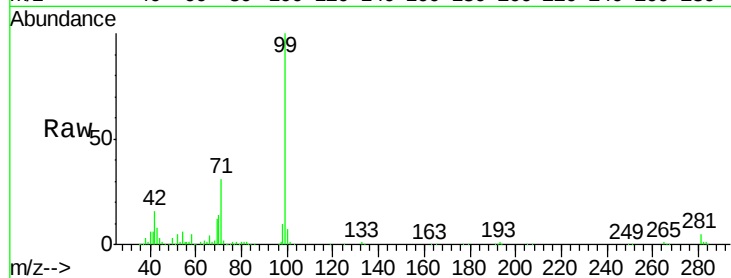
Tgt Ion: 99 Resp: 853596

Ion Ratio Lower Upper

99 100

42 15.6 13.5 20.3

71 30.8 24.5 36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.78 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF095292.D

Acq: 20 May 2017 8:19

Tgt Ion: 136 Resp: 343818

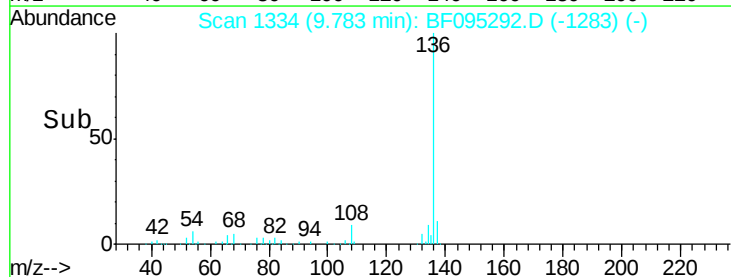
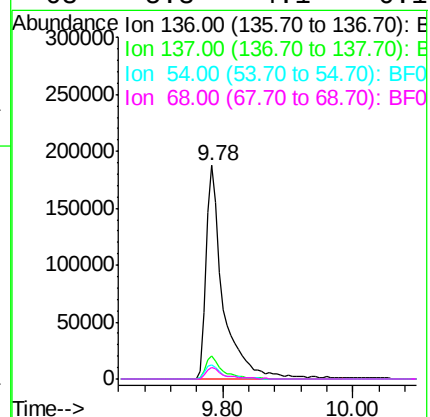
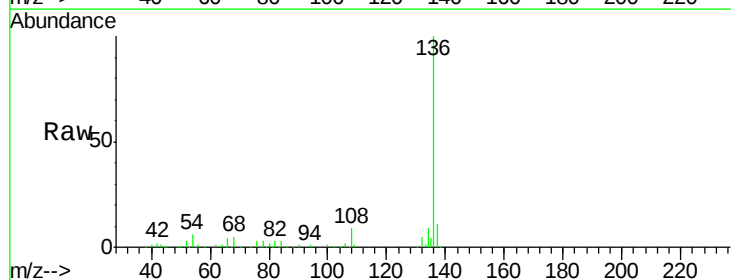
Ion Ratio Lower Upper

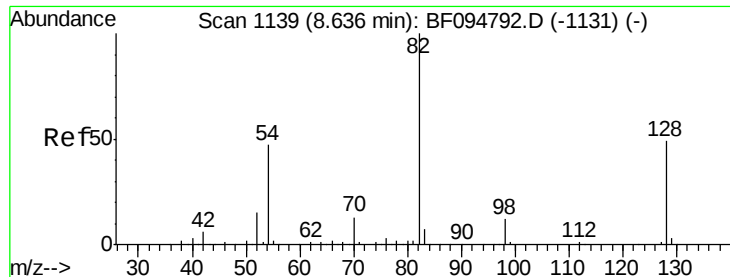
136 100

137 11.1 8.5 12.7

54 6.4 4.9 7.3

68 5.3 4.1 6.1

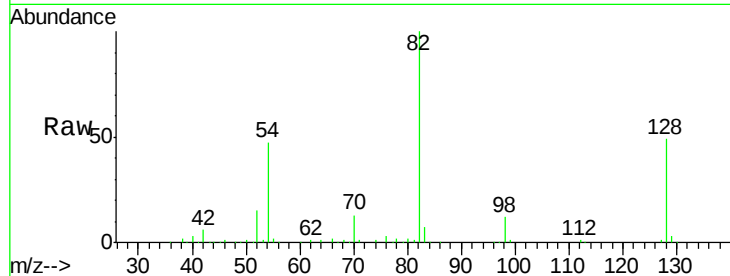




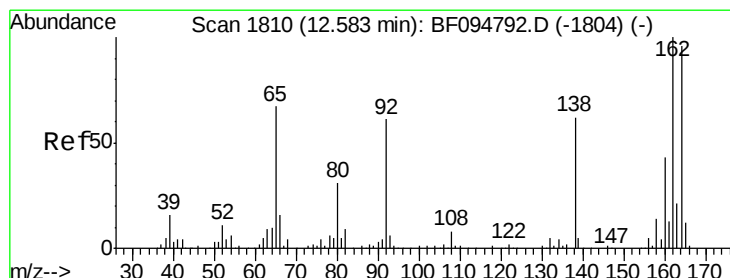
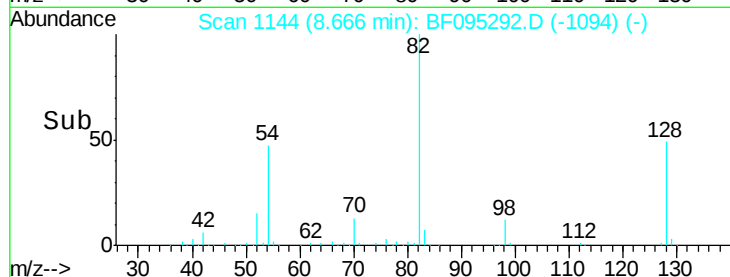
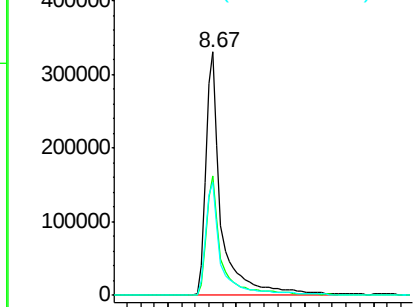
#23
 Nitrobenzene-d5
 Concen: 97.41 ng
 RT: 8.67 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF095292.D
 Acq: 20 May 2017 8:19

Instrument :
 BNA_F
 ClientSampleId :
 RO-11939

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.9	34.0	51.0
54	46.5	42.2	63.2

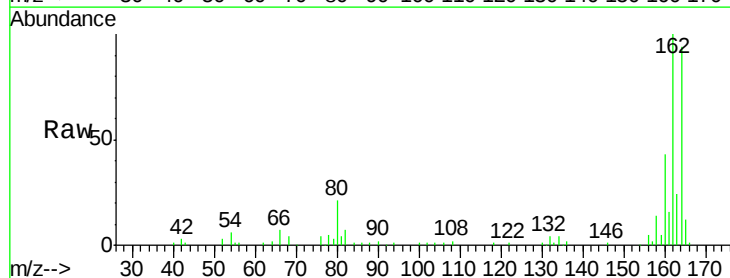


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

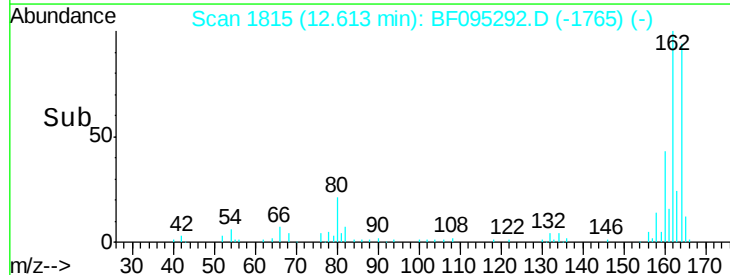
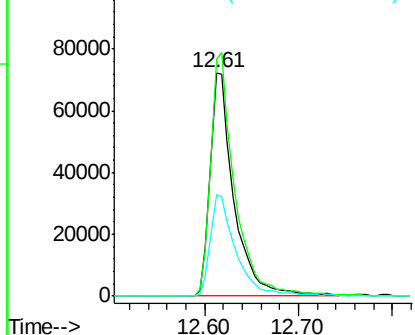


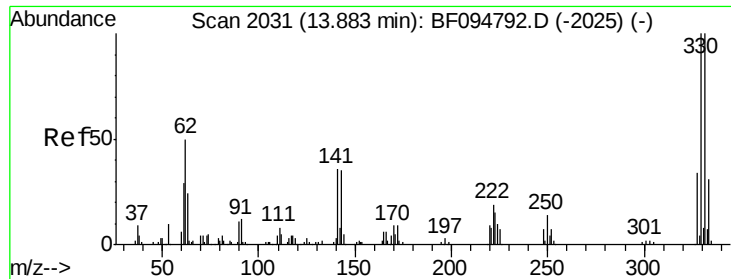
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.61 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BF095292.D
 Acq: 20 May 2017 8:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.2	82.6	123.8
160	45.6	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

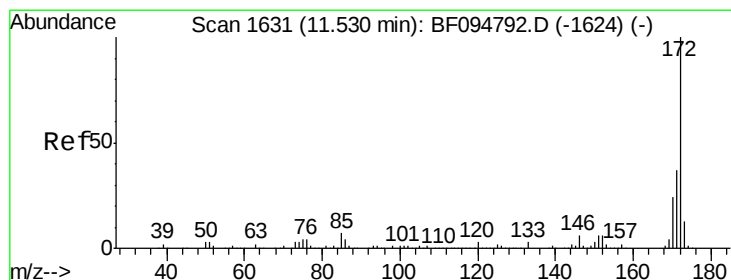
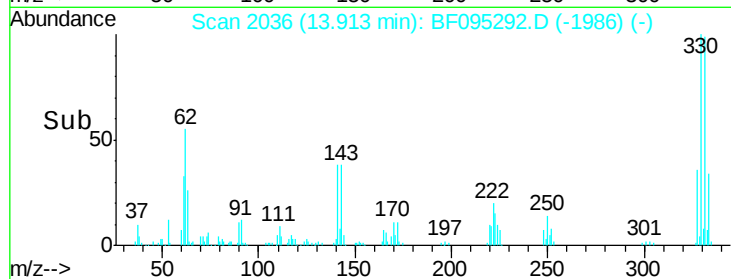
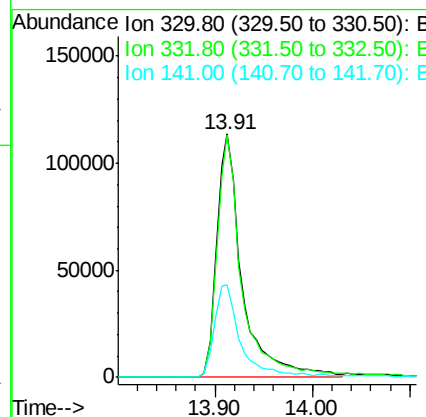
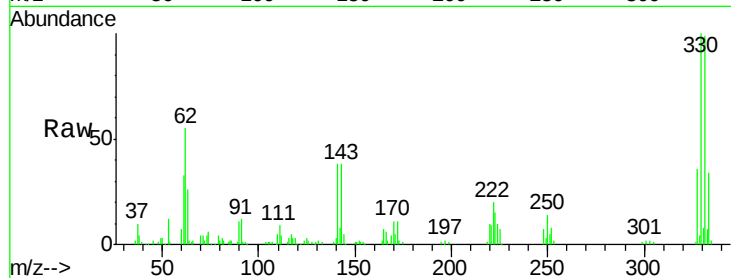




#41
 2,4,6-Tribromophenol
 Concen: 193.12 ng
 RT: 13.91 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF095292.D
 Acq: 20 May 2017 8:19

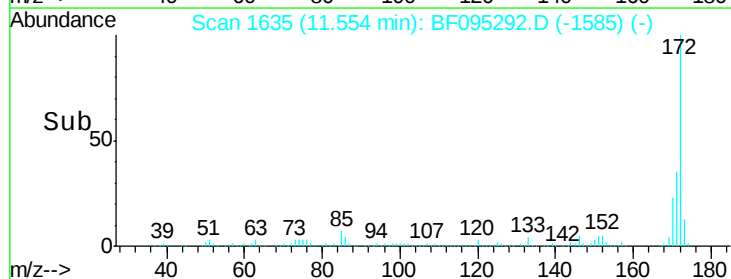
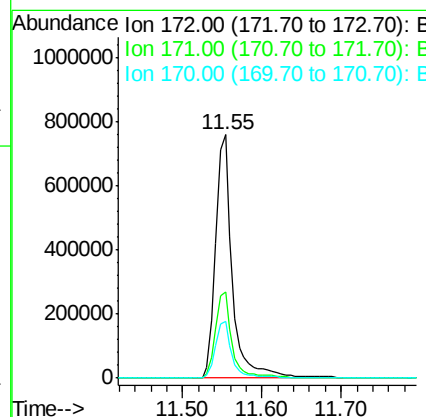
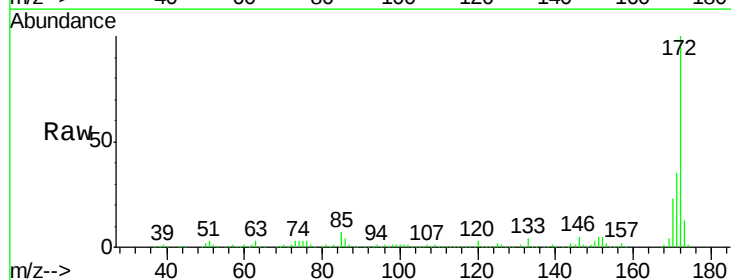
Instrument :
 BNA_F
 ClientSampleId :
 RO-11939

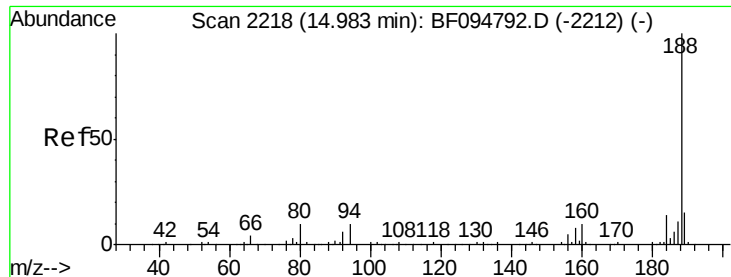
Tgt Ion: 330 Resp: 205528
 Ion Ratio Lower Upper
 330 100
 332 98.7 76.6 115.0
 141 39.8 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 123.41 ng
 RT: 11.55 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF095292.D
 Acq: 20 May 2017 8:19

Tgt Ion: 172 Resp: 1114175
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.6 44.4
 170 23.3 19.8 29.8

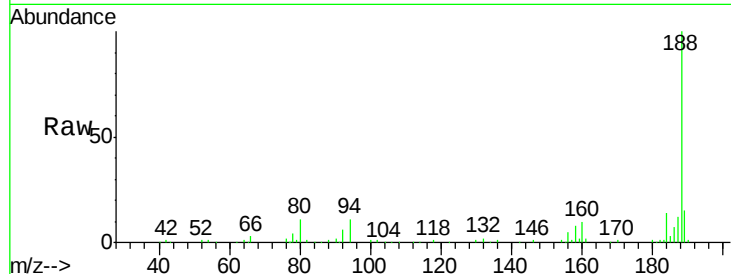




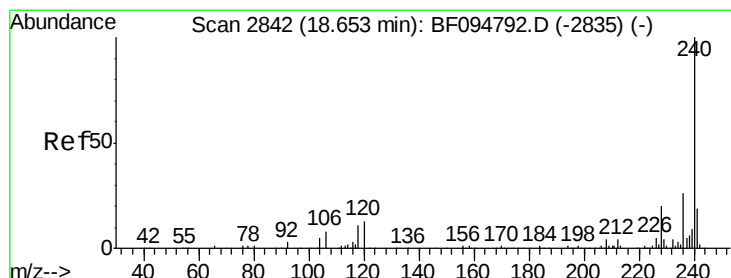
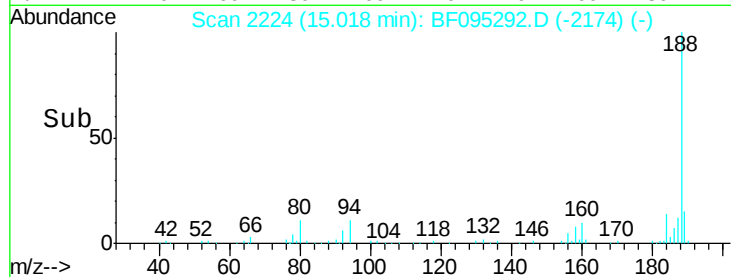
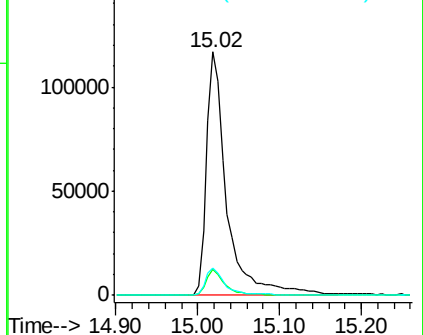
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF095292.D
Acq: 20 May 2017 8:19

Instrument :
BNA_F
ClientSampleId :
RO-11939

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	11.3	10.2	15.2

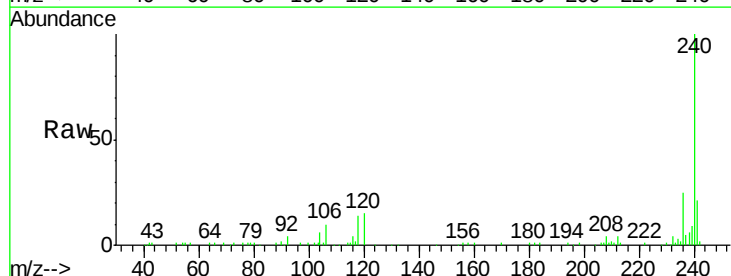


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

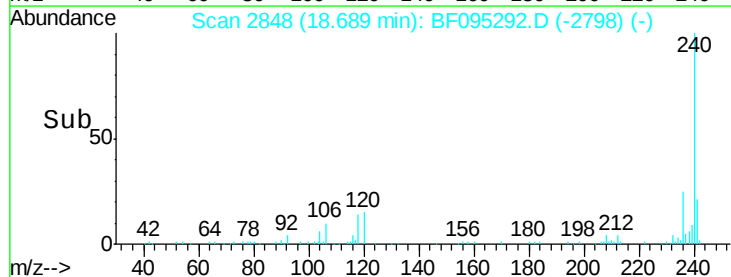
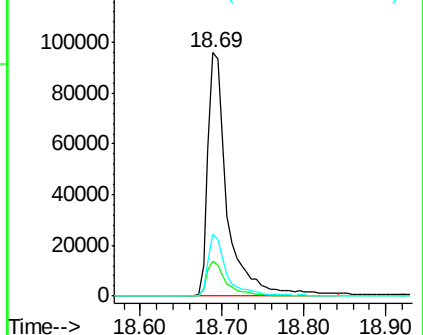


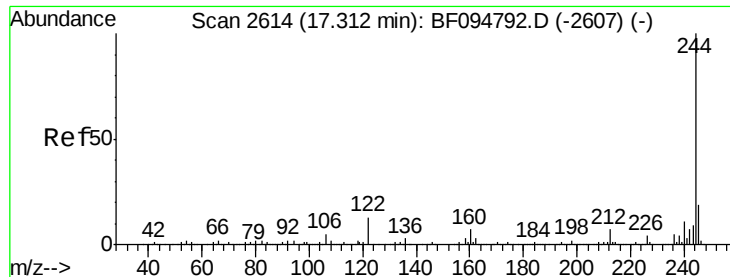
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.69 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BF095292.D
Acq: 20 May 2017 8:19

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.6	5.8	8.8#
236	25.3	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

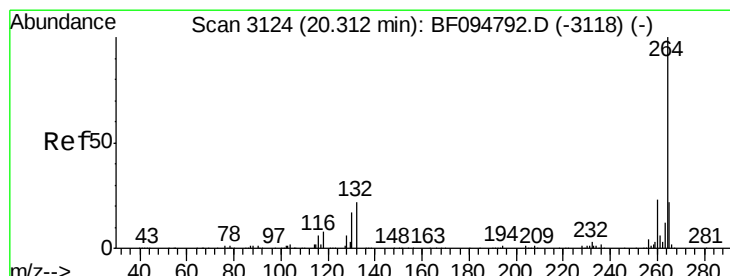
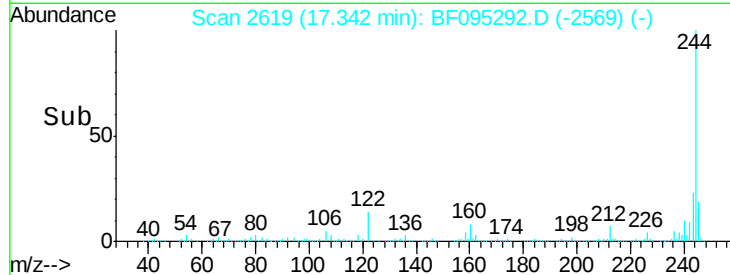
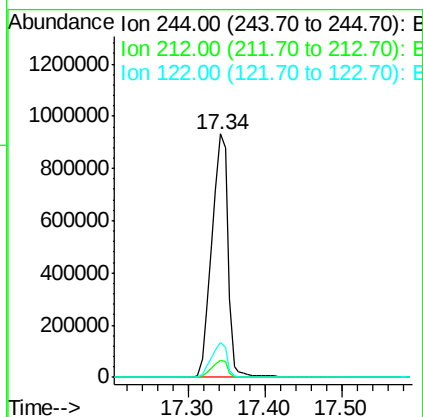
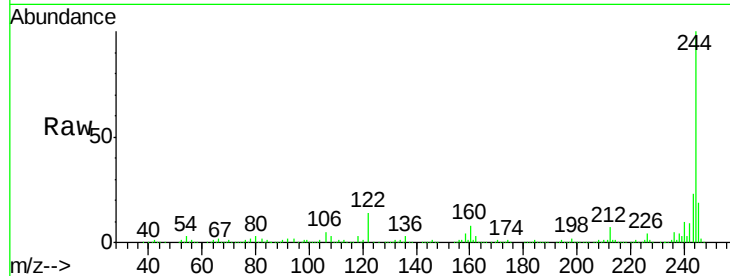




#78
 Terphenyl-d14
 Concen: 184.73 ng
 RT: 17.34 min Scan# 2619
 Delta R.T. -0.01 min
 Lab File: BF095292.D
 Acq: 20 May 2017 8:19

Instrument :
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 RO-11939

Tgt Ion:244 Resp: 1345385
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 14.3 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3134
 Delta R.T. 0.01 min
 Lab File: BF095292.D
 Acq: 20 May 2017 8:19

Tgt Ion:264 Resp: 93816
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.5 29.3
 265 20.2 17.2 25.8

