

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051917\
 Data File : BF095291.D
 Acq On : 20 May 2017 7:47
 Operator : SJ/MA
 Sample : I3207-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-TP-10

Quant Time: May 22 02:26:27 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

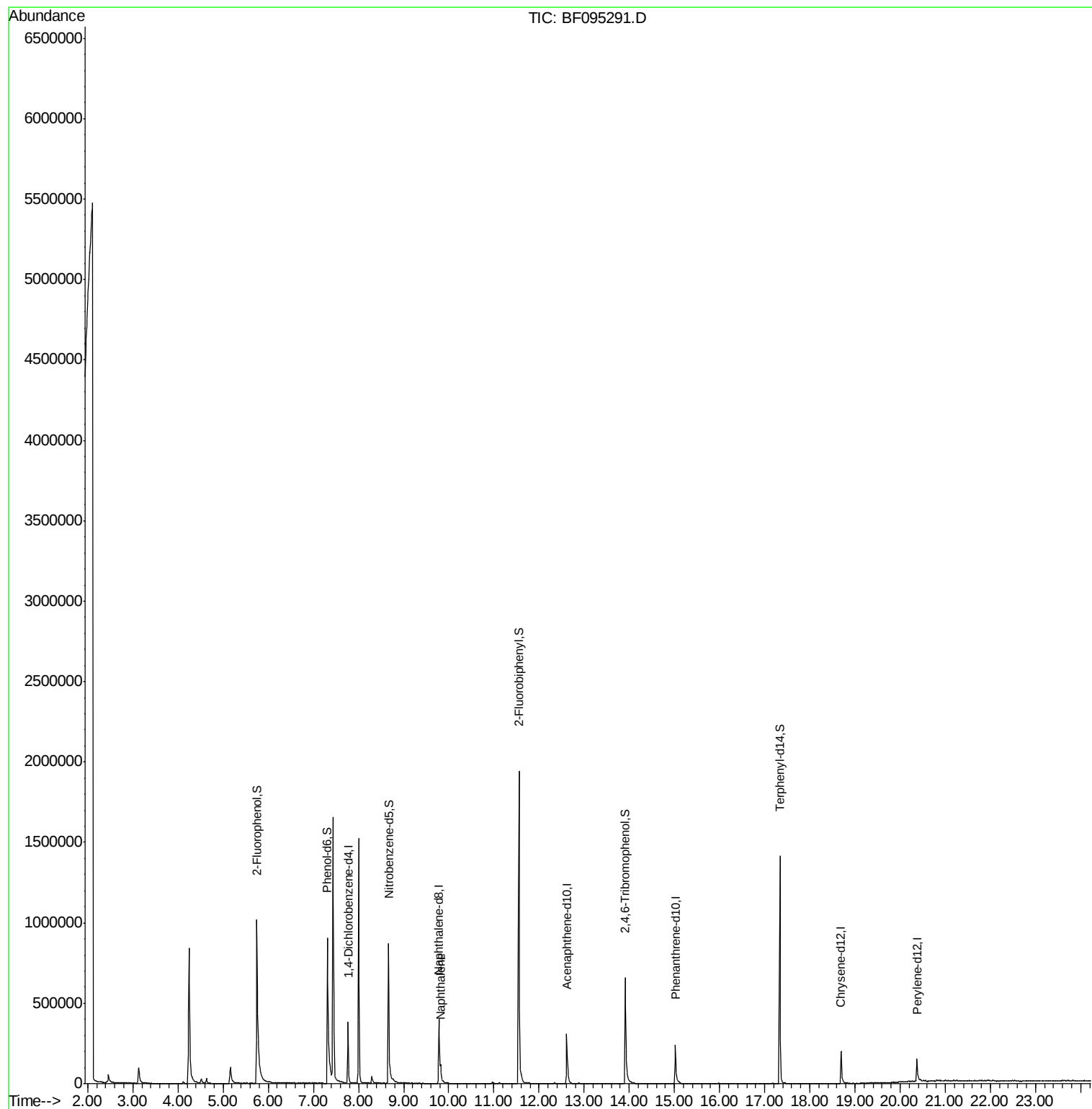
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	86234	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	353194	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	119687	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	175565	20.00	ng	0.00
75) Chrysene-d12	18.69	240	131587	20.00	ng	0.00
86) Perylene-d12	20.37	264	77436	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	719589	139.12	ng	0.01
7) Phenol-d6	7.31	99	735755	118.56	ng	0.00
23) Nitrobenzene-d5	8.67	82	520800	92.98	ng	0.00
41) 2,4,6-Tribromophenol	13.91	330	151047	154.10	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	1051327	126.43	ng	0.00
78) Terphenyl-d14	17.34	244	601577	100.69	ng	-0.01
Target Compounds						
31) Naphthalene	9.82	128	65735	3.70	ng	Qvalue 99

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

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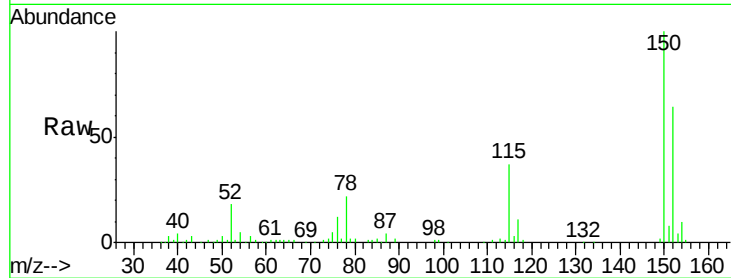


#1

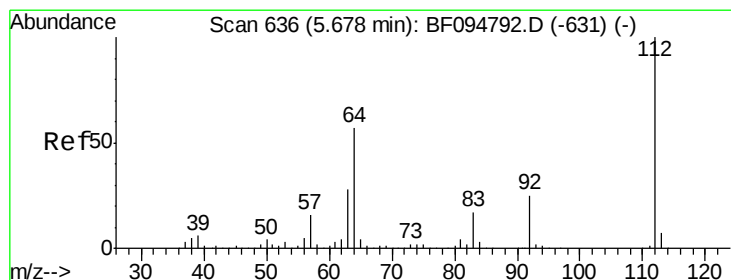
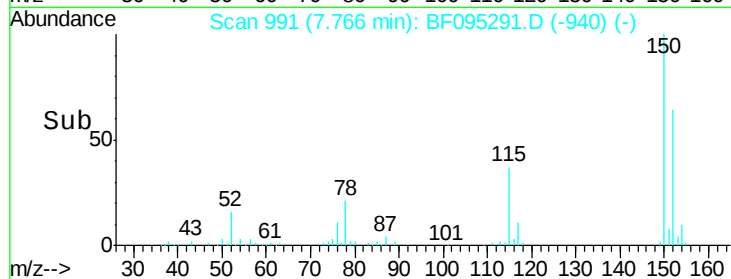
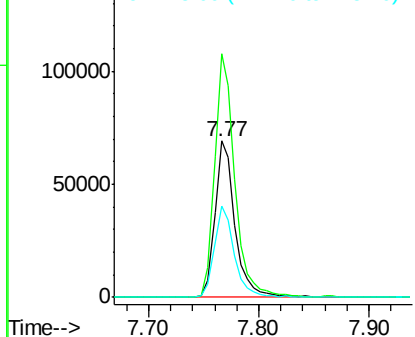
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF095291.D
Acq: 20 May 2017 7:47

Instrument :
BNA_F
ClientSampleId :
TP-9-TP-10

Tgt Ion:152 Resp: 86234
Ion Ratio Lower Upper
152 100
150 155.8 126.2 189.2
115 58.1 52.2 78.2



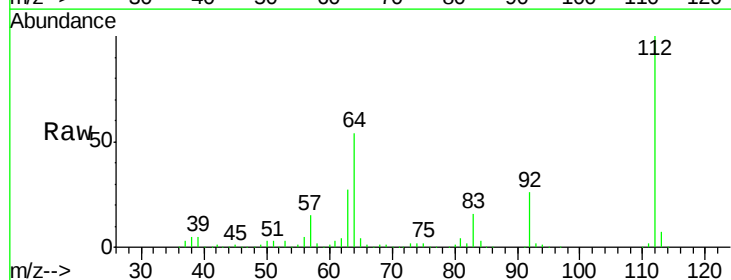
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



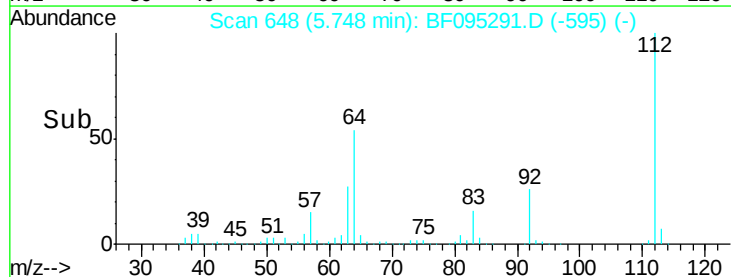
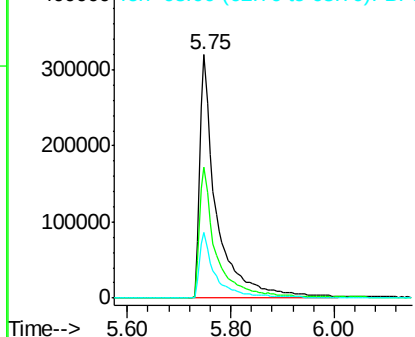
#5

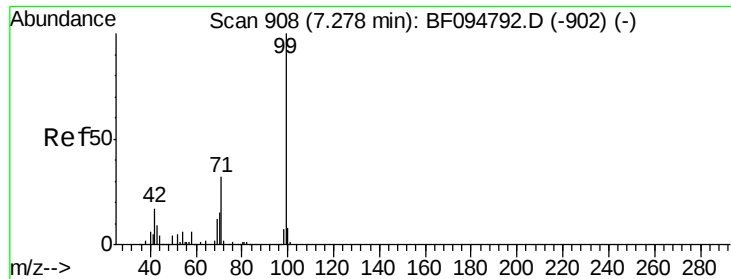
2-Fluorophenol
Concen: 139.12 ng
RT: 5.75 min Scan# 648
Delta R.T. 0.01 min
Lab File: BF095291.D
Acq: 20 May 2017 7:47

Tgt Ion:112 Resp: 719589
Ion Ratio Lower Upper
112 100
64 53.7 46.0 69.0
63 27.0 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: 118.56 ng

RT: 7.31 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF095291.D

Acq: 20 May 2017 7:47

Instrument :

BNA_F

ClientSampleId :

TP-9-TP-10

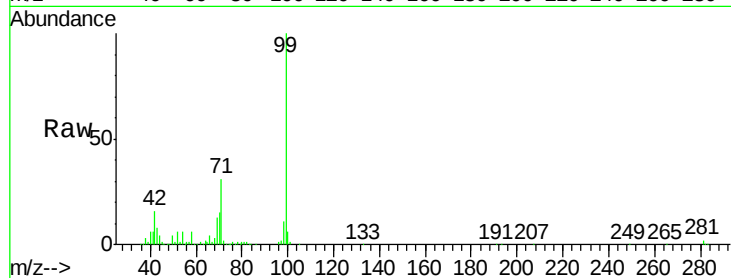
Tgt Ion: 99 Resp: 735755

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

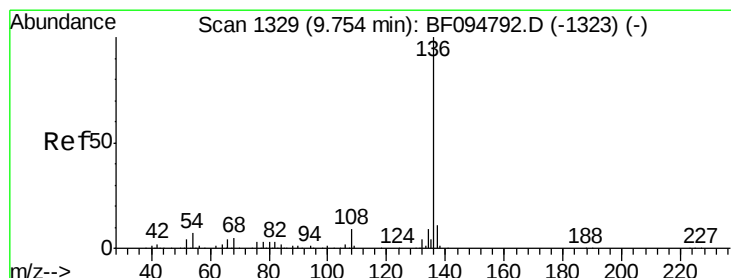
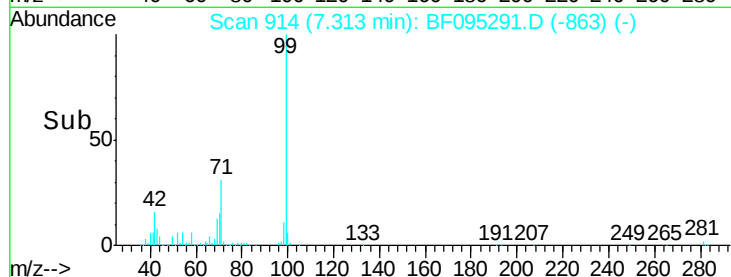
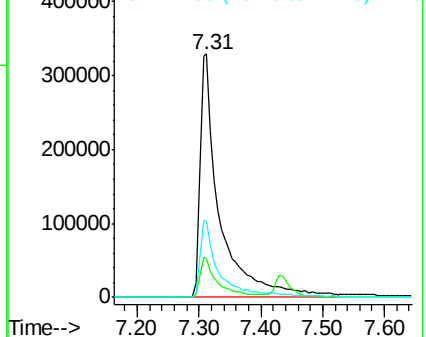
71 31.4 24.5 36.7



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: BF095291.D

Acq: 20 May 2017 7:47

Tgt Ion: 136 Resp: 353194

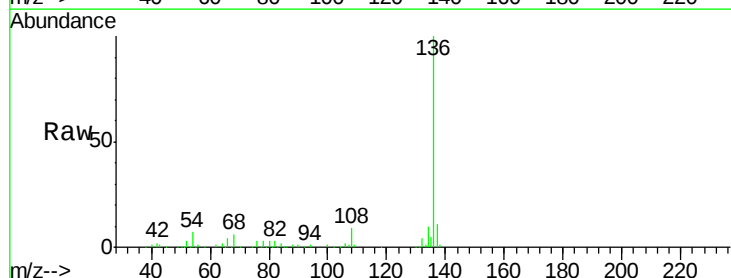
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 7.1 4.9 7.3

68 5.5 4.1 6.1

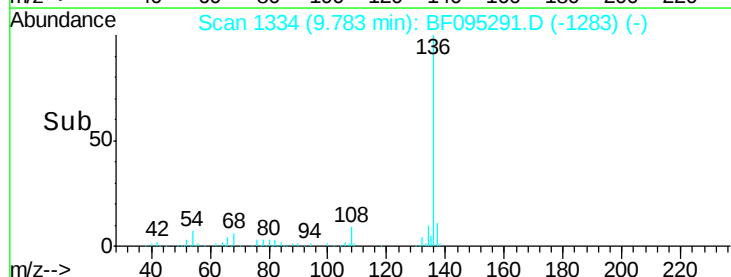
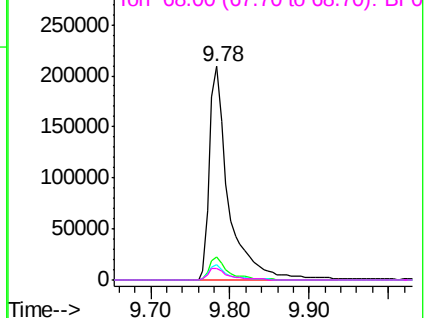


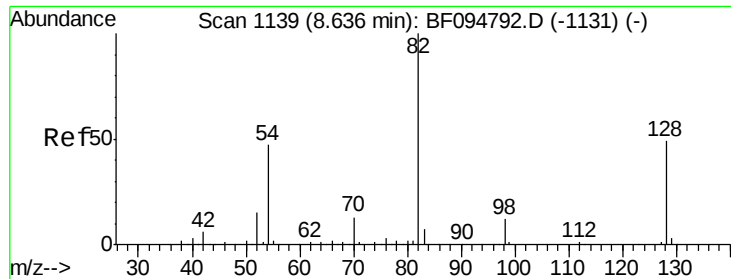
Abundance Ion 136.00 (135.70 to 136.70): E

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

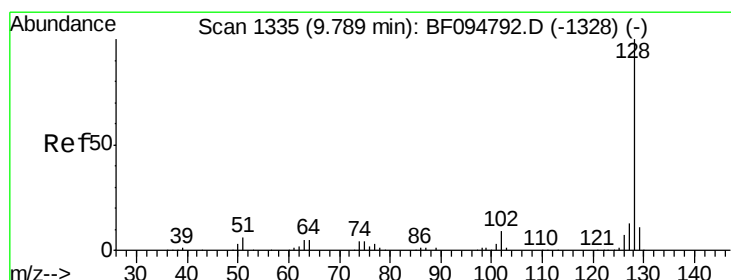
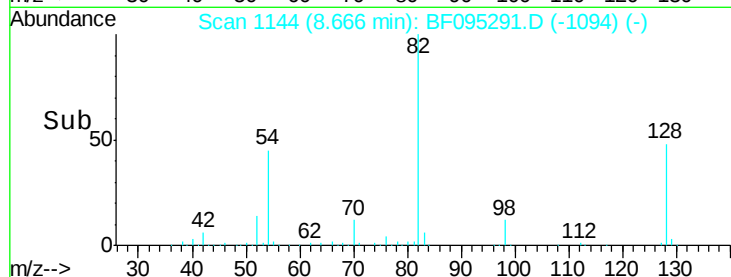
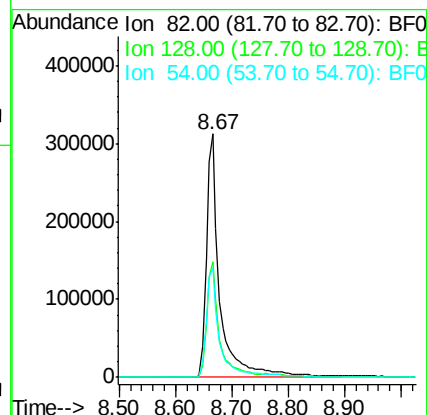
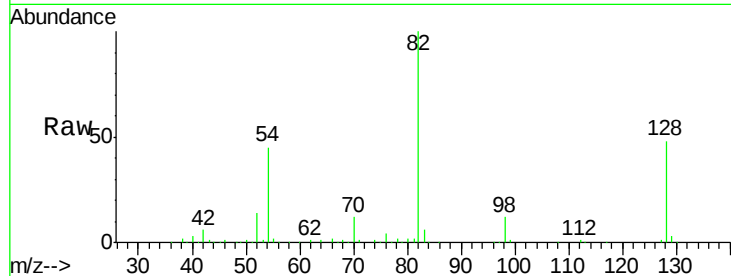




#23
 Nitrobenzene-d5
 Concen: 92.98 ng
 RT: 8.67 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF095291.D
 Acq: 20 May 2017 7:47

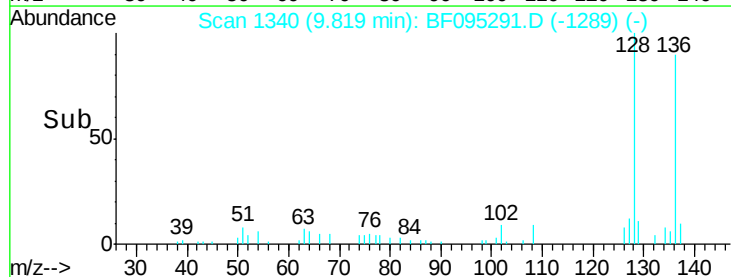
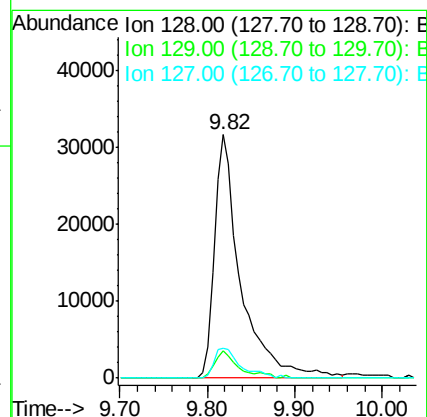
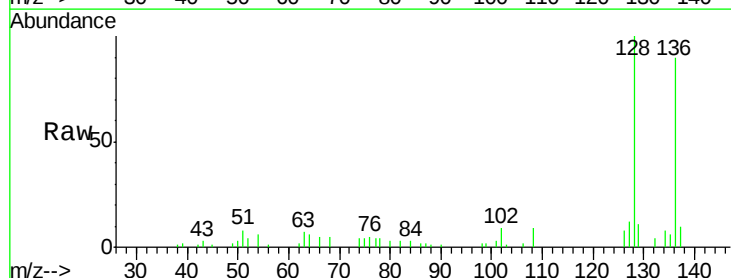
Instrument :
 BNA_F
 ClientSampleId :
 TP-9-TP-10

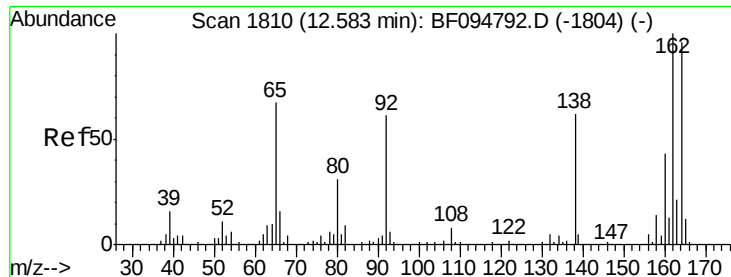
Tgt Ion: 82 Resp: 520800
 Ion Ratio Lower Upper
 82 100
 128 47.7 34.0 51.0
 54 45.1 42.2 63.2



#31
 Naphthalene
 Concen: 3.70 ng
 RT: 9.82 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF095291.D
 Acq: 20 May 2017 7:47

Tgt Ion: 128 Resp: 65735
 Ion Ratio Lower Upper
 128 100
 129 11.3 9.0 13.6
 127 12.4 10.8 16.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.61 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF095291.D

Acq: 20 May 2017 7:47

Instrument :

BNA_F

ClientSampleId :

TP-9-TP-10

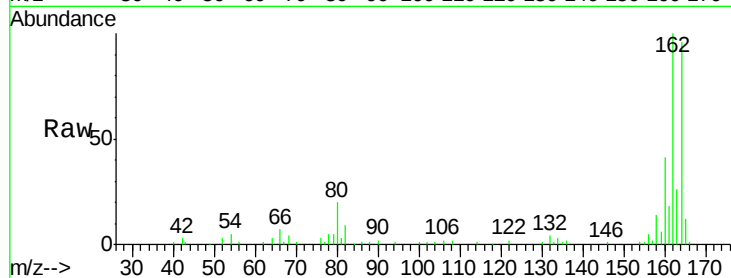
Tgt Ion:164 Resp: 119687

Ion Ratio Lower Upper

164 100

162 104.5 82.6 123.8

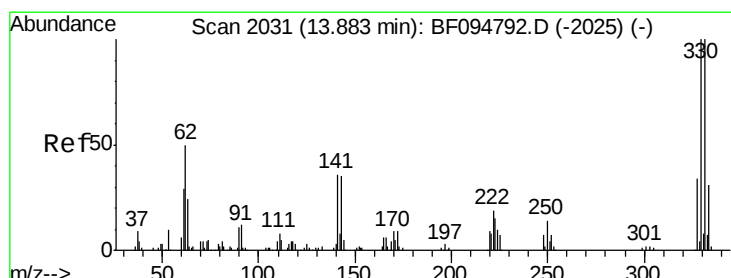
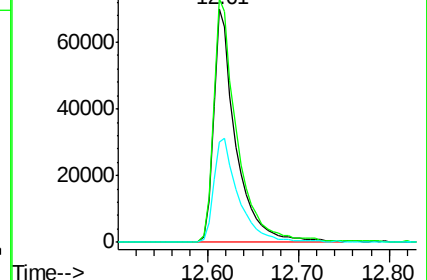
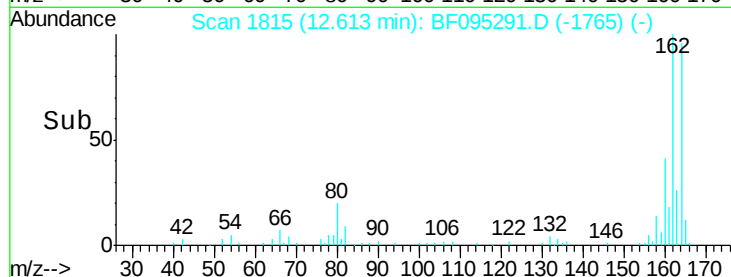
160 43.2 36.2 54.2



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: 154.10 ng

RT: 13.91 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF095291.D

Acq: 20 May 2017 7:47

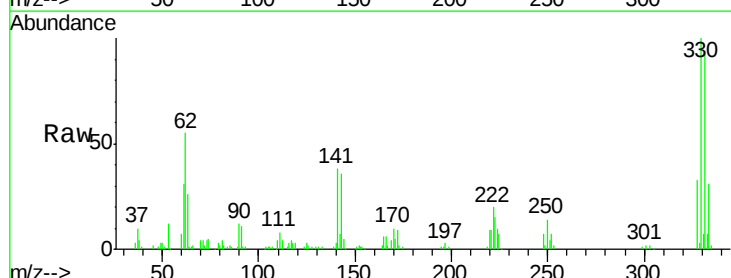
Tgt Ion:330 Resp: 151047

Ion Ratio Lower Upper

330 100

332 94.7 76.6 115.0

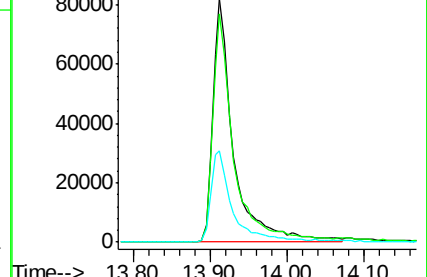
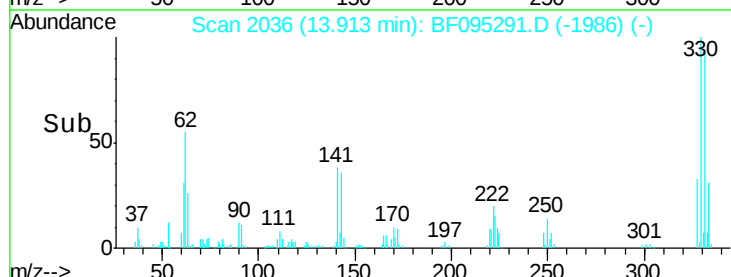
141 38.8 31.4 47.2

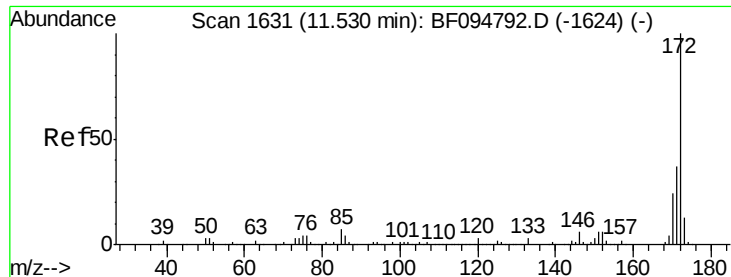


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

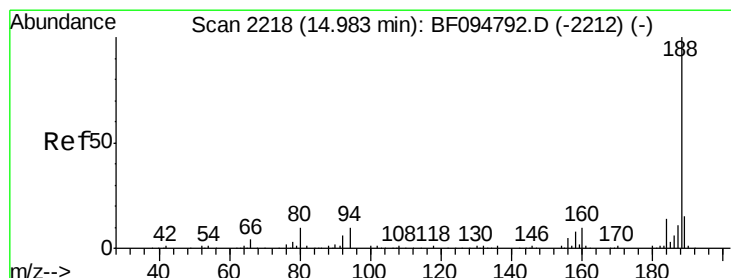
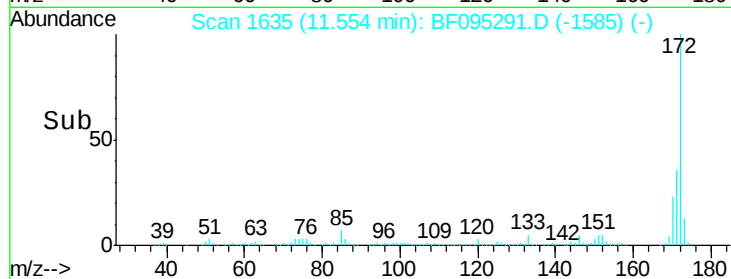
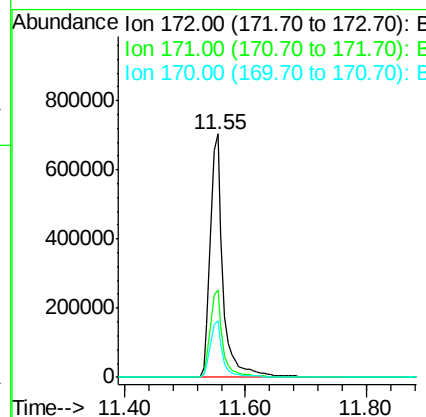
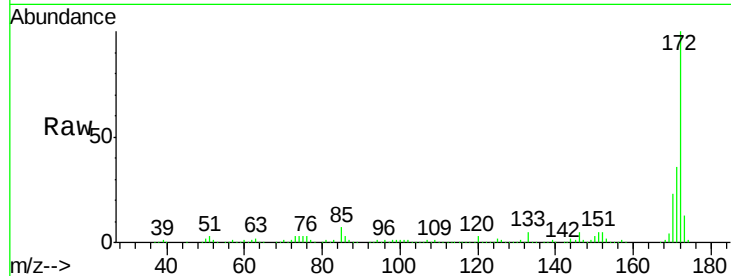




#44
 2-Fluorobiphenyl
 Concen: 126.43 ng
 RT: 11.55 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF095291.D
 Acq: 20 May 2017 7:47

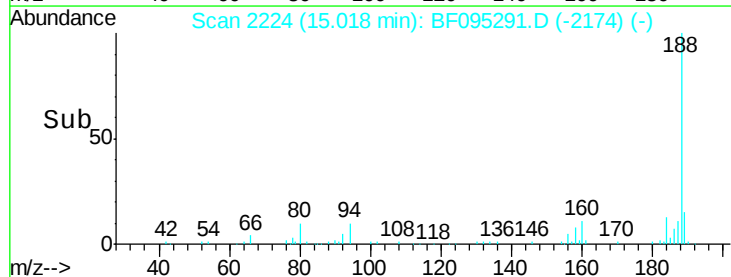
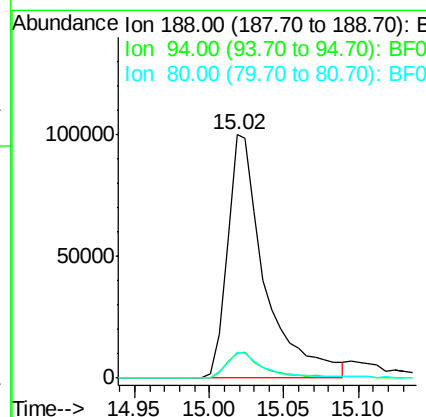
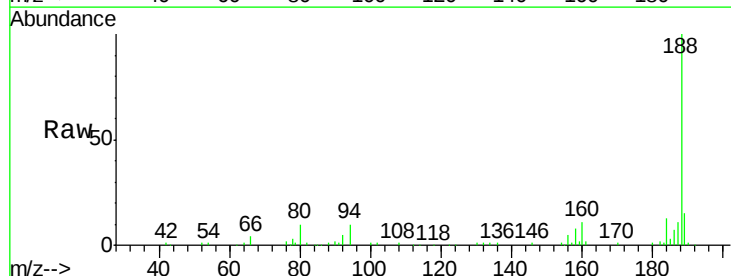
Instrument :
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 TP-9-TP-10

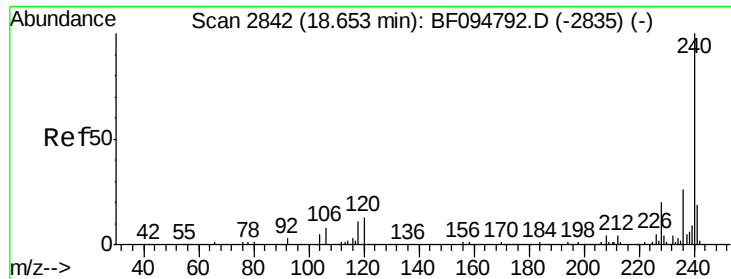
Tgt Ion:172 Resp: 1051327
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 23.1 19.8 29.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF095291.D
 Acq: 20 May 2017 7:47

Tgt Ion:188 Resp: 175565
 Ion Ratio Lower Upper
 188 100
 94 10.0 9.4 14.2
 80 10.5 10.2 15.2

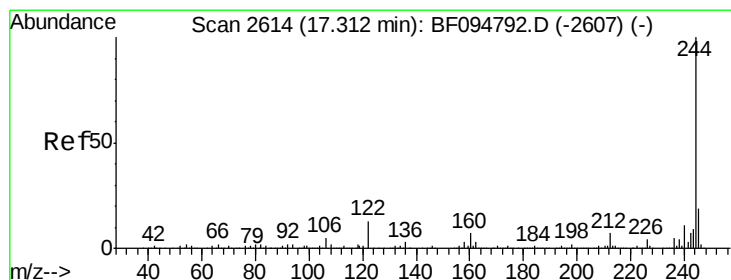
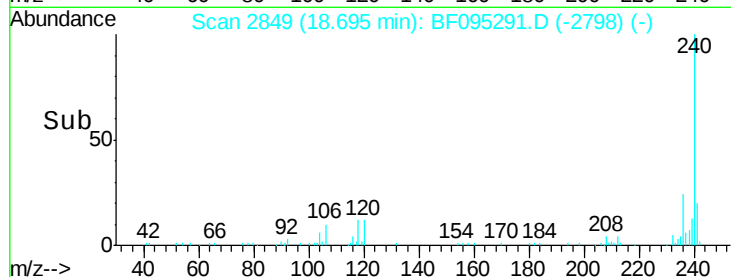
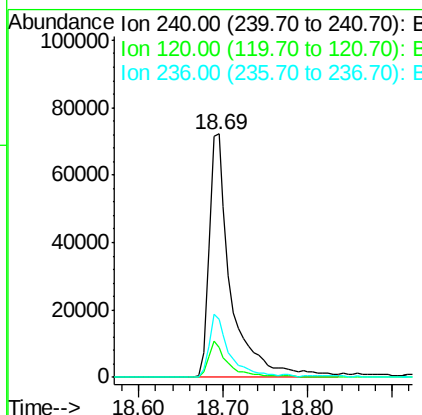
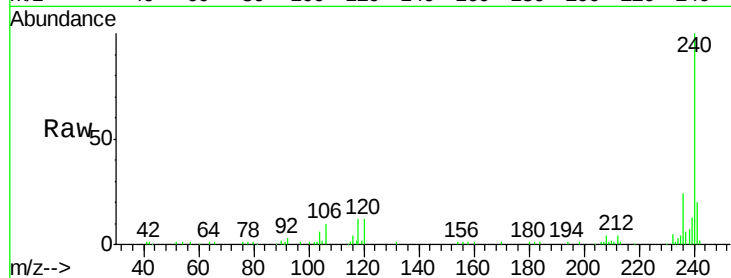




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.69 min Scan# 2849
Delta R.T. 0.00 min
Lab File: BF095291.D
Acq: 20 May 2017 7:47

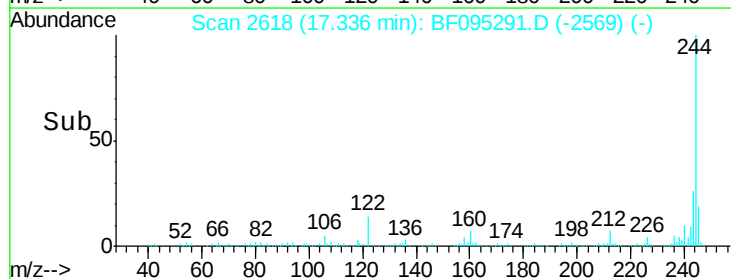
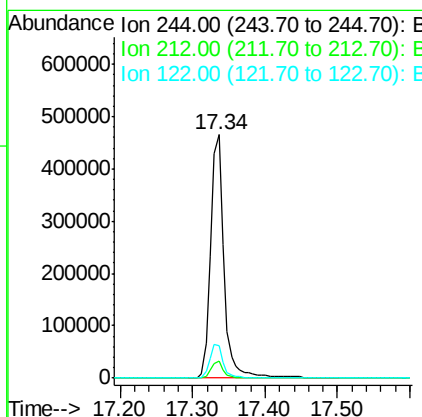
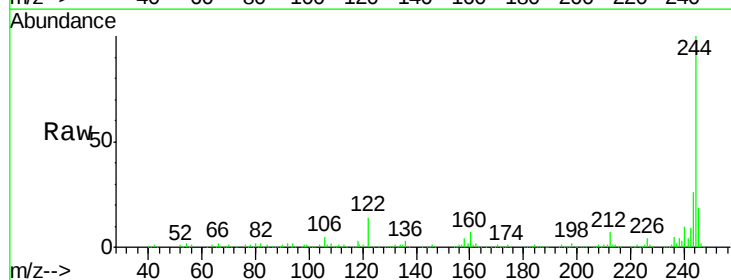
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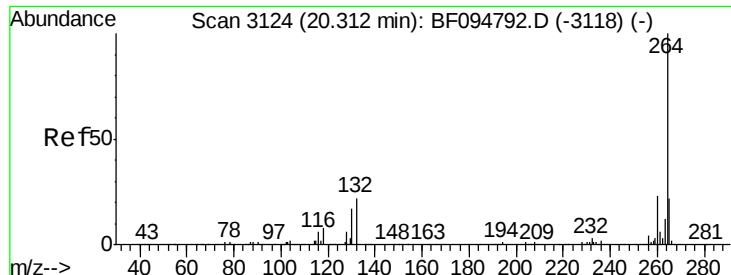
Tgt Ion:240 Resp: 131587
Ion Ratio Lower Upper
240 100
120 12.3 5.8 8.8#
236 24.1 20.5 30.7



#78
Terphenyl-d14
Concen: 100.69 ng
RT: 17.34 min Scan# 2618
Delta R.T. -0.01 min
Lab File: BF095291.D
Acq: 20 May 2017 7:47

Tgt Ion:244 Resp: 601577
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 13.5 10.3 15.5

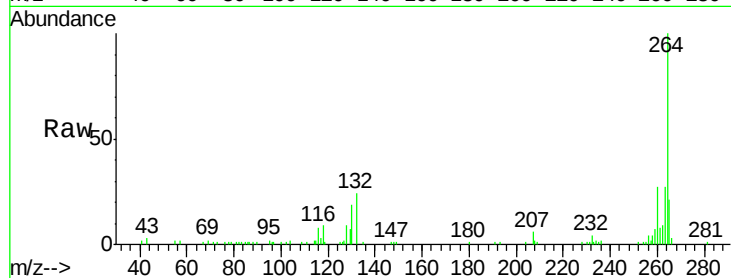




#86
Perylene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3134
Delta R.T. 0.01 min
Lab File: BF095291.D
Acq: 20 May 2017 7:47

Instrument :
BNA_F
ClientSampleId :
TP-9-TP-10

Tgt Ion: 264 Resp: 77436
Ion Ratio Lower Upper
264 100
260 27.1 19.5 29.3
265 21.1 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

