

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091417\
 Data File : BF098527.D
 Acq On : 14 Sep 2017 14:16
 Operator : SJ/JU
 Sample : I5208-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-091117-E

Quant Time: Sep 21 17:09:14 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 21 16:40:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	127240	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	532162	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	234332	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	397849	20.00	ng	0.00
75) Chrysene-d12	13.79	240	246987	20.00	ng	-0.01
86) Perylene-d12	15.19	264	278579	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	618131	71.83	ng	0.00
7) Phenol-d6	6.30	99	718311	65.74	ng	0.00
23) Nitrobenzene-d5	7.22	82	466711	48.89	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	141730	90.62	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	840089	60.76	ng	-0.01
78) Terphenyl-d14	12.74	244	604429	52.82	ng	0.00

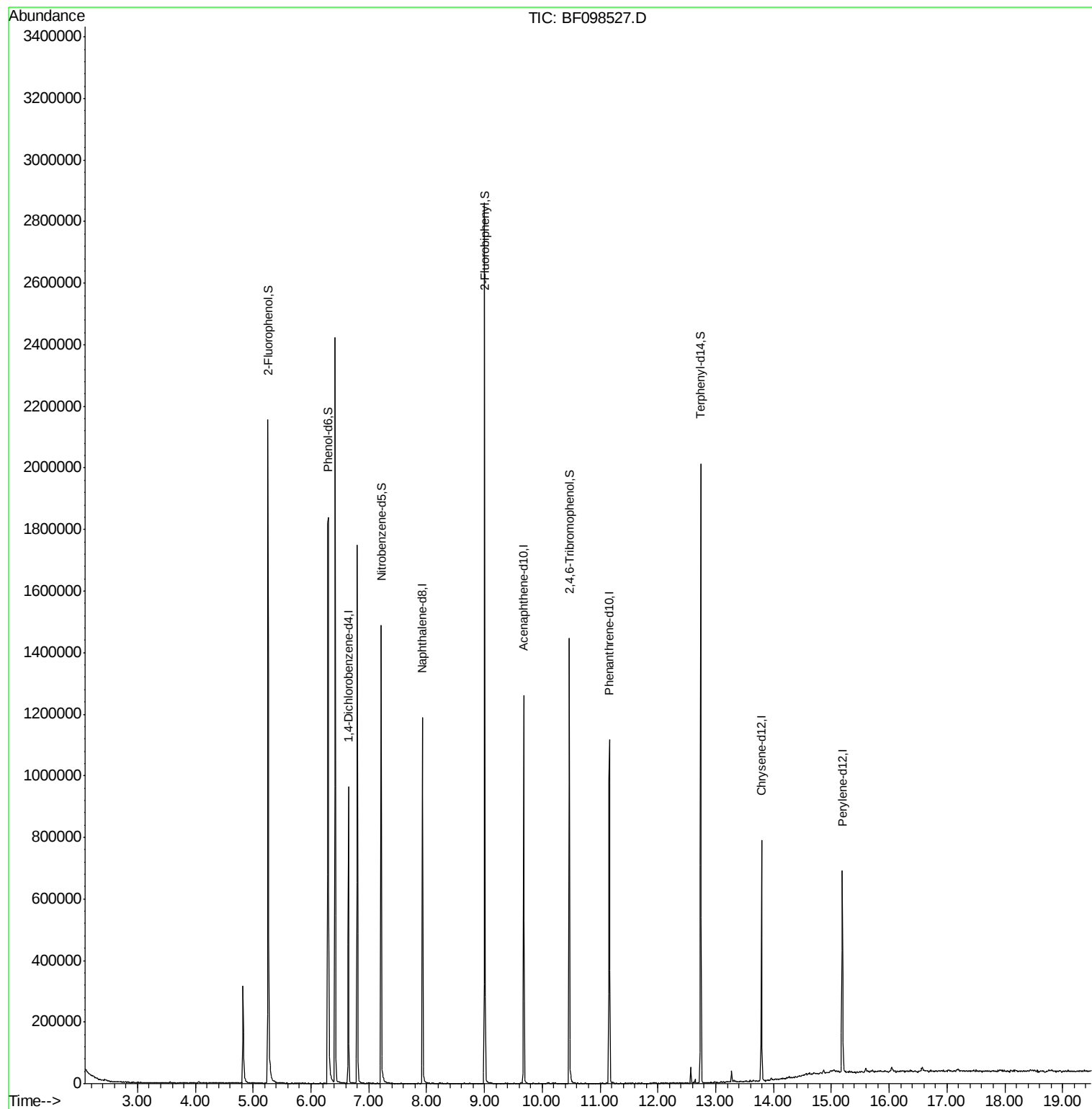
Target Compounds	Qvalue
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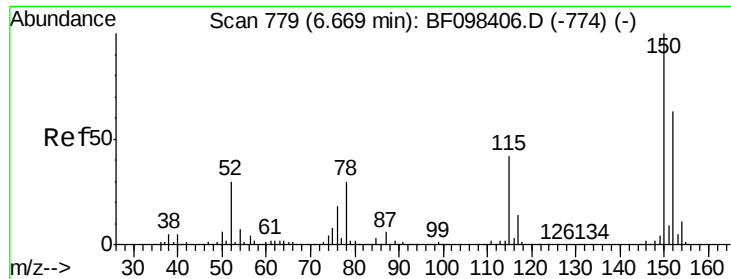
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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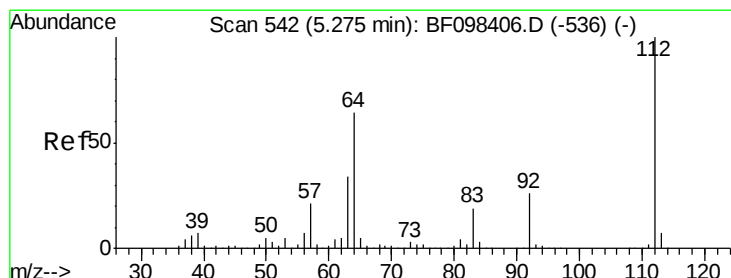
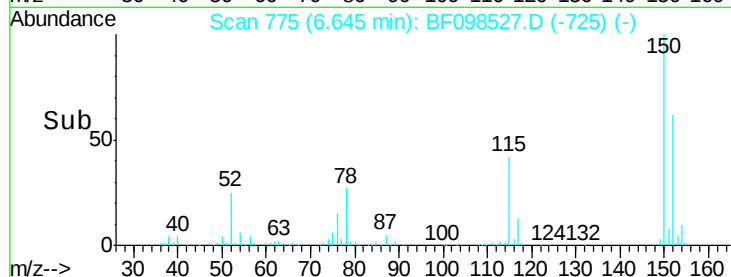
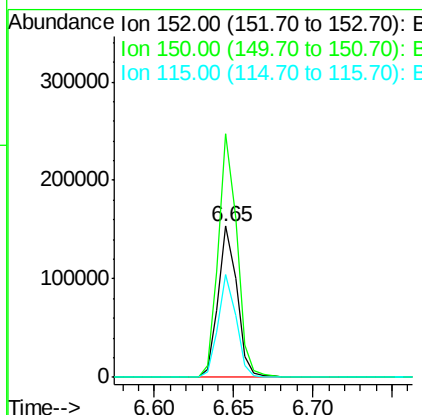
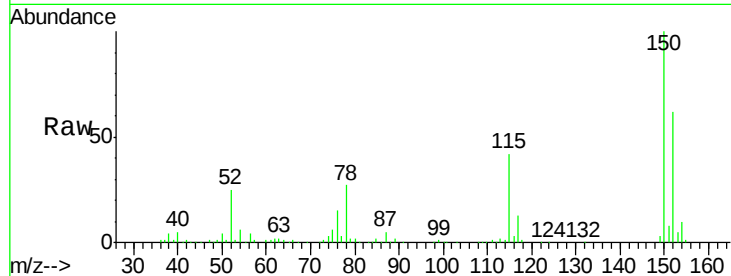




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.65 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF098527.D
 Acq: 14 Sep 2017 14:16

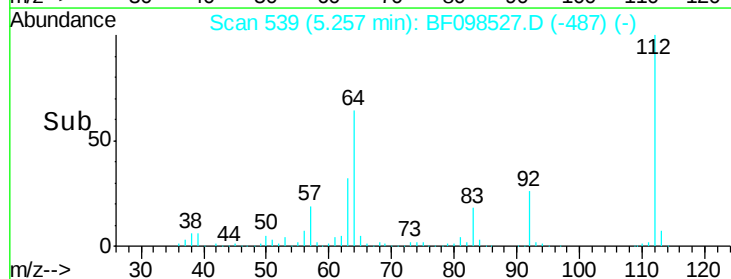
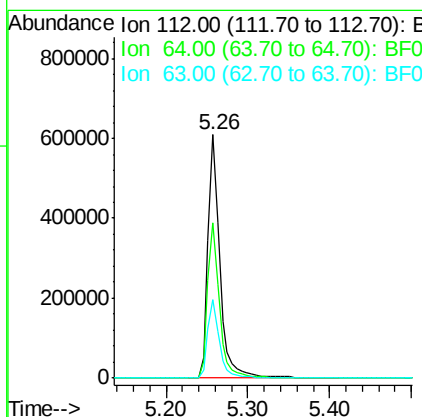
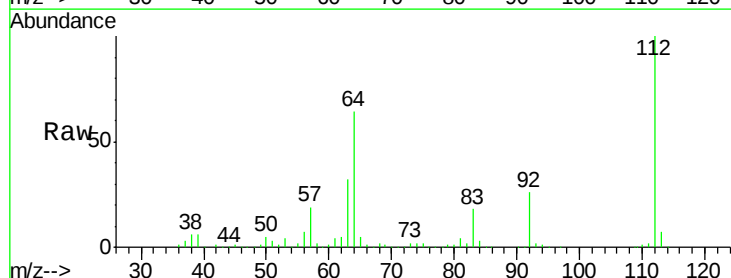
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-091117-E

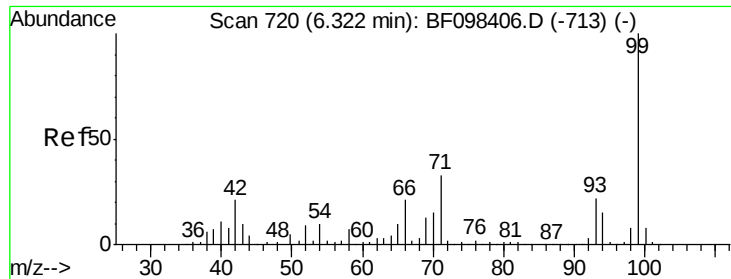
Tgt Ion:152 Resp: 127240
 Ion Ratio Lower Upper
 152 100
 150 161.0 126.2 189.2
 115 68.1 52.2 78.2



#5
 2-Fluorophenol
 Concen: 71.827 ng
 RT: 5.26 min Scan# 539
 Delta R.T. 0.01 min
 Lab File: BF098527.D
 Acq: 14 Sep 2017 14:16

Tgt Ion:112 Resp: 618131
 Ion Ratio Lower Upper
 112 100
 64 63.6 46.0 69.0
 63 32.5 23.4 35.0





#7

Phenol-d6

Concen: 65.740 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF098527.D

Acq: 14 Sep 2017 14:16

Instrument :

BNA_F

ClientSampleId :

CL-02-091117-E

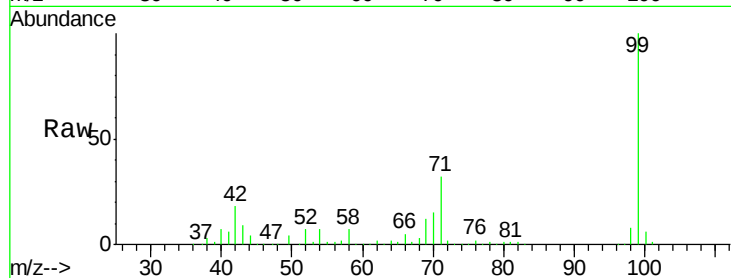
Tgt Ion: 99 Resp: 718311

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

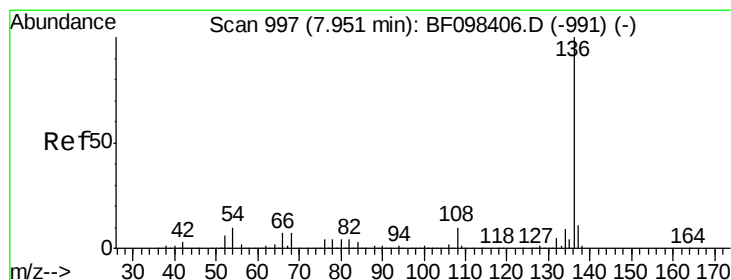
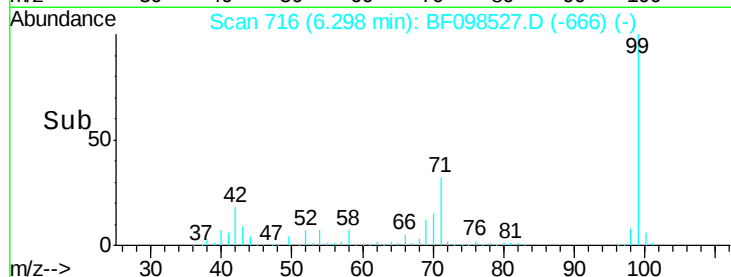
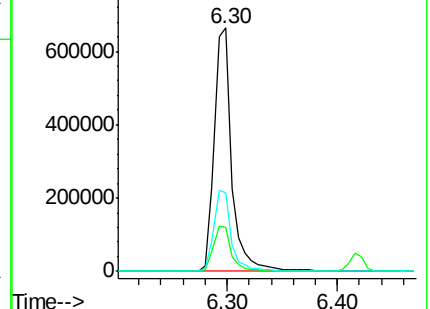
71 32.4 24.5 36.7



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: 20.000 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF098527.D

Acq: 14 Sep 2017 14:16

Tgt Ion: 136 Resp: 532162

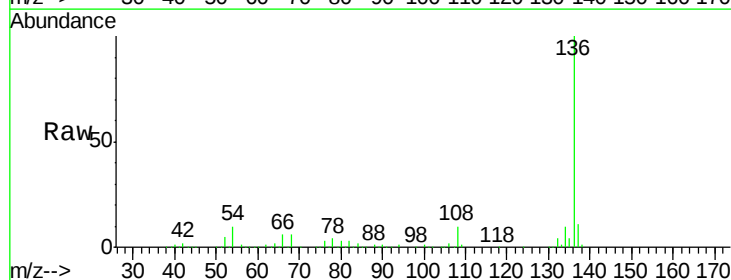
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 9.7 4.9 7.3#

68 6.3 4.1 6.1#

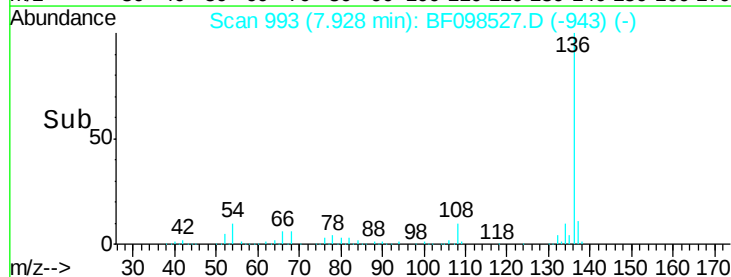
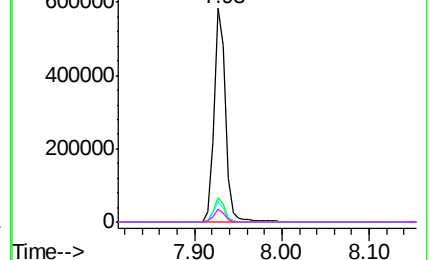


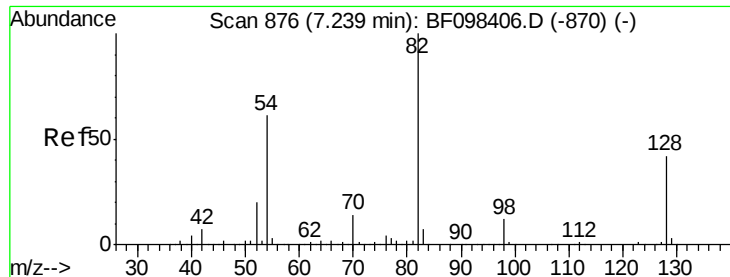
Abundance Ion 136.00 (135.70 to 136.70): E

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

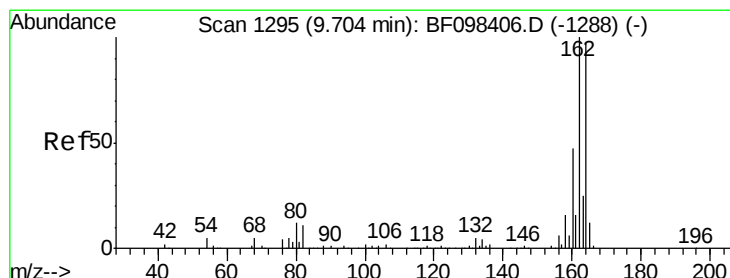
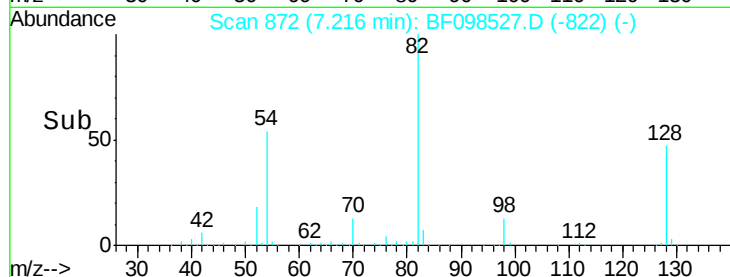
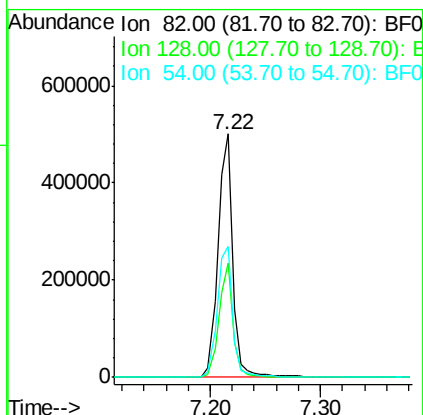
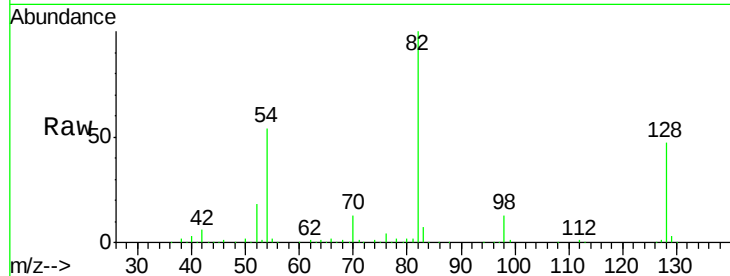




#23
Nitrobenzene-d5
Concen: 48.893 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF098527.D
Acq: 14 Sep 2017 14:16

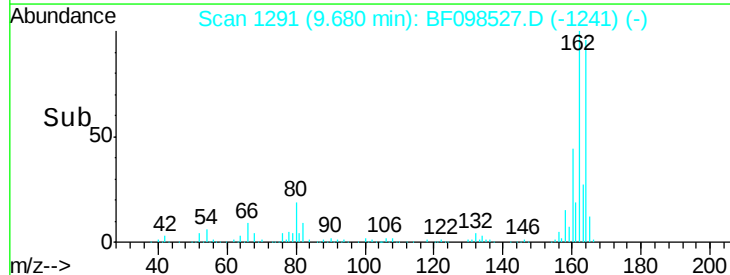
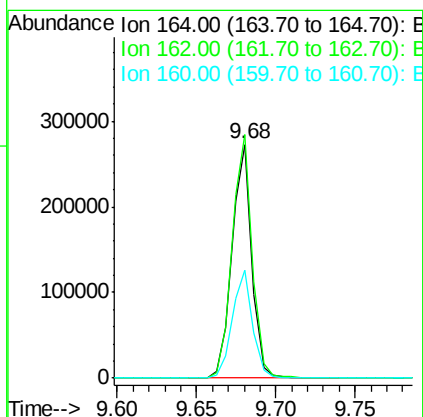
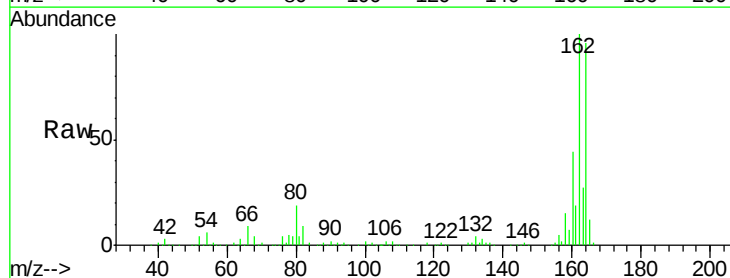
Instrument :
BNA_F
ClientSampleId :
CL-02-091117-E

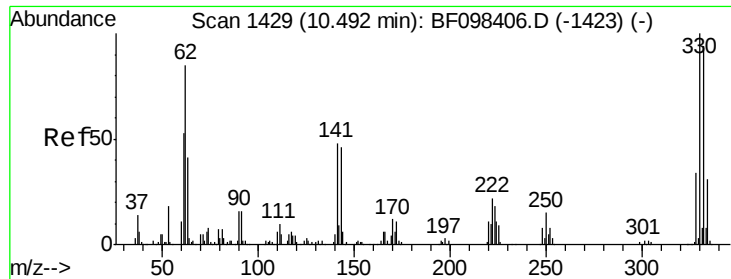
Tgt Ion: 82 Resp: 466711
Ion Ratio Lower Upper
82 100
128 47.1 34.0 51.0
54 54.0 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF098527.D
Acq: 14 Sep 2017 14:16

Tgt Ion: 164 Resp: 234332
Ion Ratio Lower Upper
164 100
162 104.2 82.6 123.8
160 46.4 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 90.622 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF098527.D

Acq: 14 Sep 2017 14:16

Instrument :

BNA_F

ClientSampleId :

CL-02-091117-E

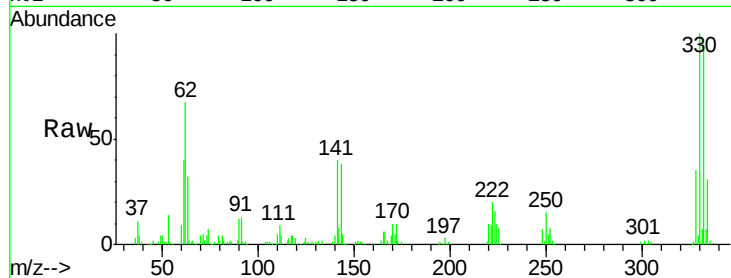
Tgt Ion:330 Resp: 141730

Ion Ratio Lower Upper

330 100

332 94.7 76.6 115.0

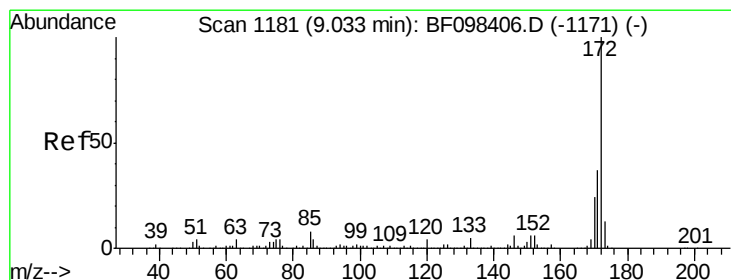
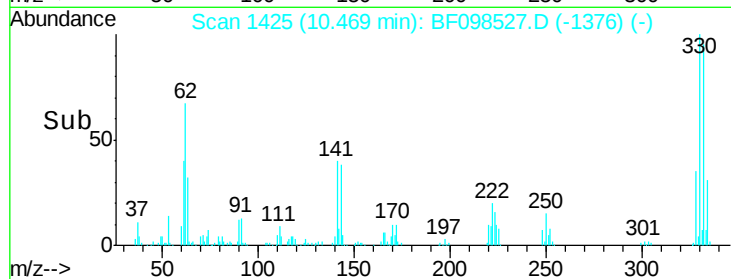
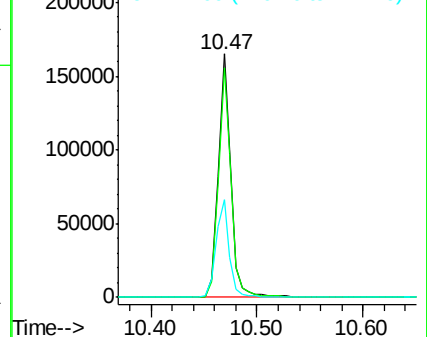
141 41.7 31.4 47.2



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: 60.763 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF098527.D

Acq: 14 Sep 2017 14:16

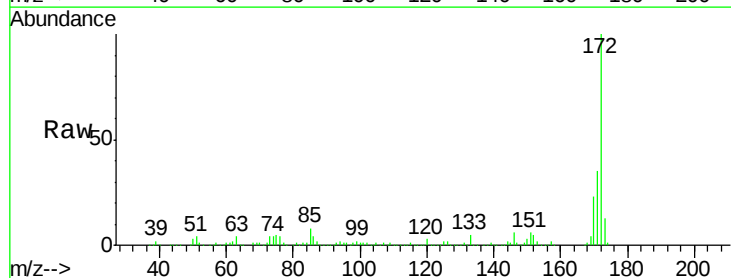
Tgt Ion:172 Resp: 840089

Ion Ratio Lower Upper

172 100

171 35.5 29.6 44.4

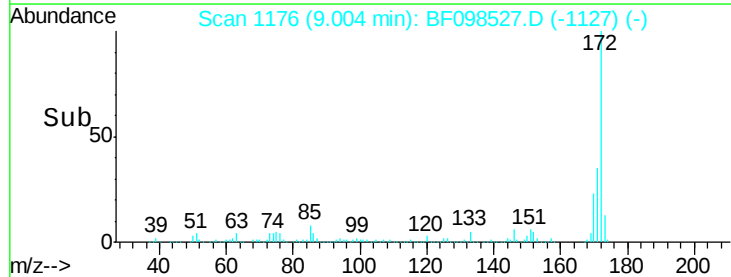
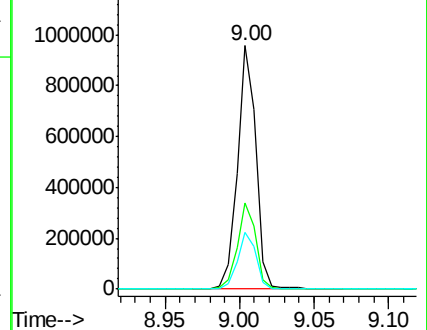
170 23.3 19.8 29.8

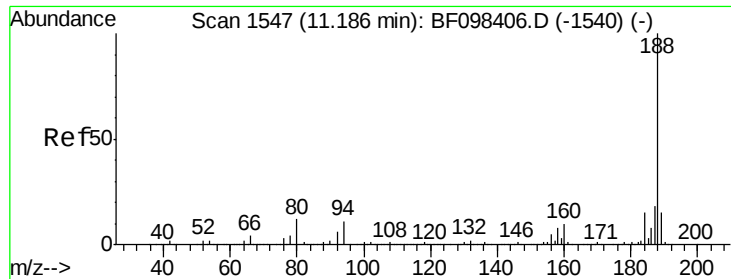


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

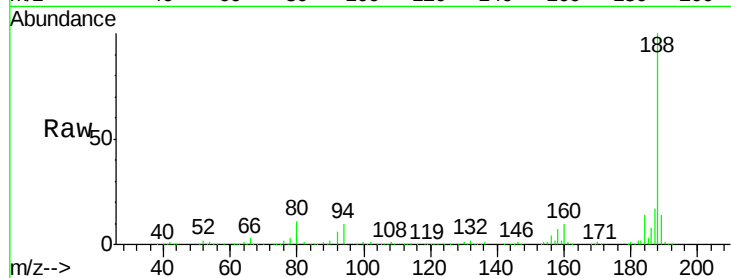




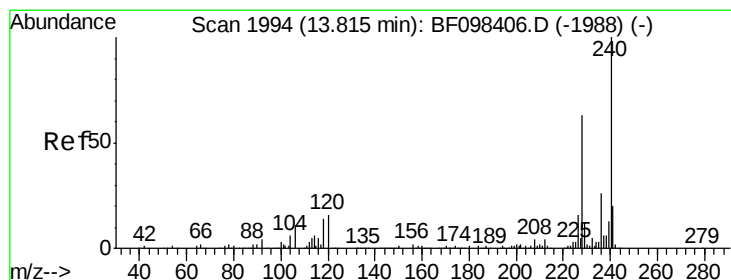
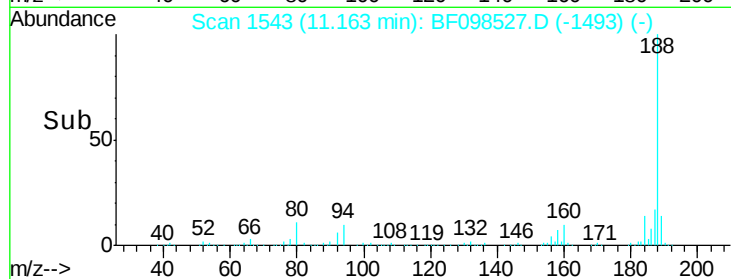
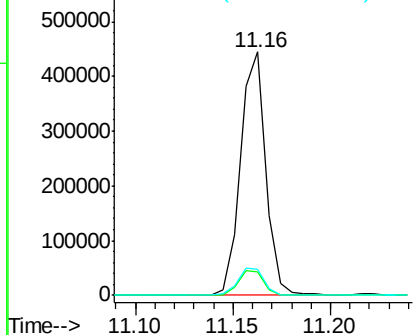
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF098527.D
Acq: 14 Sep 2017 14:16

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-E

Tgt Ion:188 Resp: 397849
Ion Ratio Lower Upper
188 100
94 9.9 9.4 14.2
80 10.5 10.2 15.2

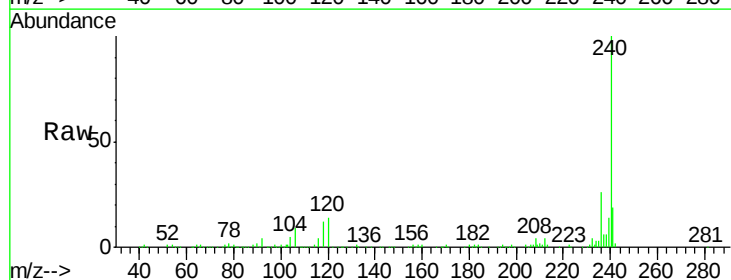


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

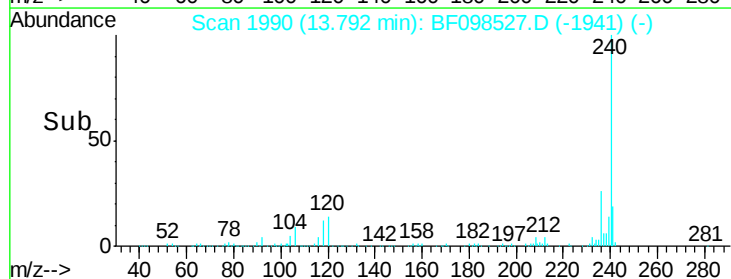
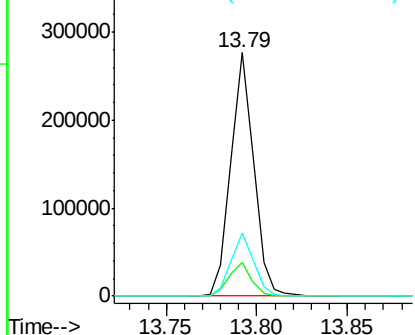


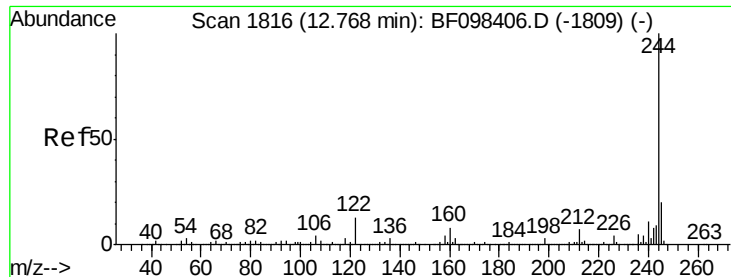
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BF098527.D
Acq: 14 Sep 2017 14:16

Tgt Ion:240 Resp: 246987
Ion Ratio Lower Upper
240 100
120 13.8 5.8 8.8#
236 26.1 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

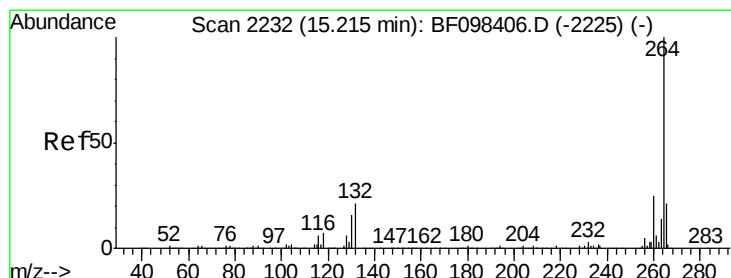
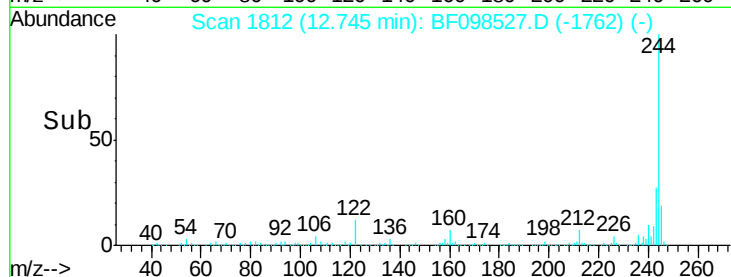
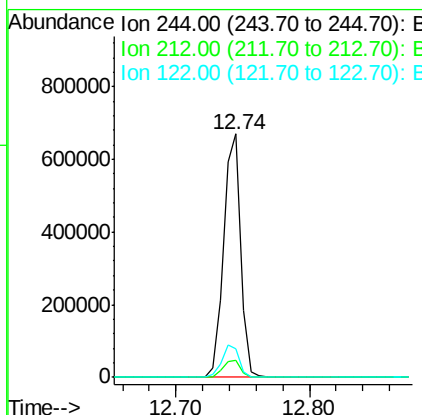
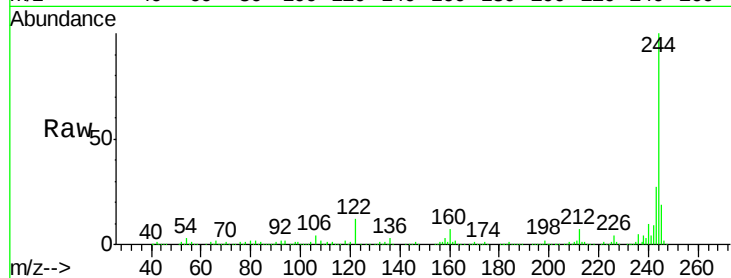




#78
 Terphenyl-d14
 Concen: 52.822 ng
 RT: 12.74 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BF098527.D
 Acq: 14 Sep 2017 14:16

Instrument :
 BNA_F
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 CL-02-091117-E

Tgt Ion: 244 Resp: 604429
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 11.5 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.19 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BF098527.D
 Acq: 14 Sep 2017 14:16

Tgt Ion: 264 Resp: 278579
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.5 29.3
 265 20.4 17.2 25.8

