

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\
 Data File : BF097854.D
 Acq On : 19 Aug 2017 1:18
 Operator : SJ/JU
 Sample : I4649-04 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-14(0-10)COMP

Quant Time: Aug 19 02:06:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	129908	20.00	ng	-0.02
21) Naphthalene-d8	8.05	136	518379	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	228350	20.00	ng	-0.02
63) Phenanthrene-d10	11.29	188	445109	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	343714	20.00	ng	-0.02
86) Perylene-d12	15.36	264	304545	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	121191	14.19	ng	-0.02
7) Phenol-d6	6.39	99	167441	14.43	ng	-0.02
23) Nitrobenzene-d5	7.33	82	96913	10.16	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	27695	13.98	ng	-0.02
44) 2-Fluorobiphenyl	9.13	172	145400	9.36	ng	-0.02
78) Terphenyl-d14	12.87	244	121851	7.39	ng	-0.02

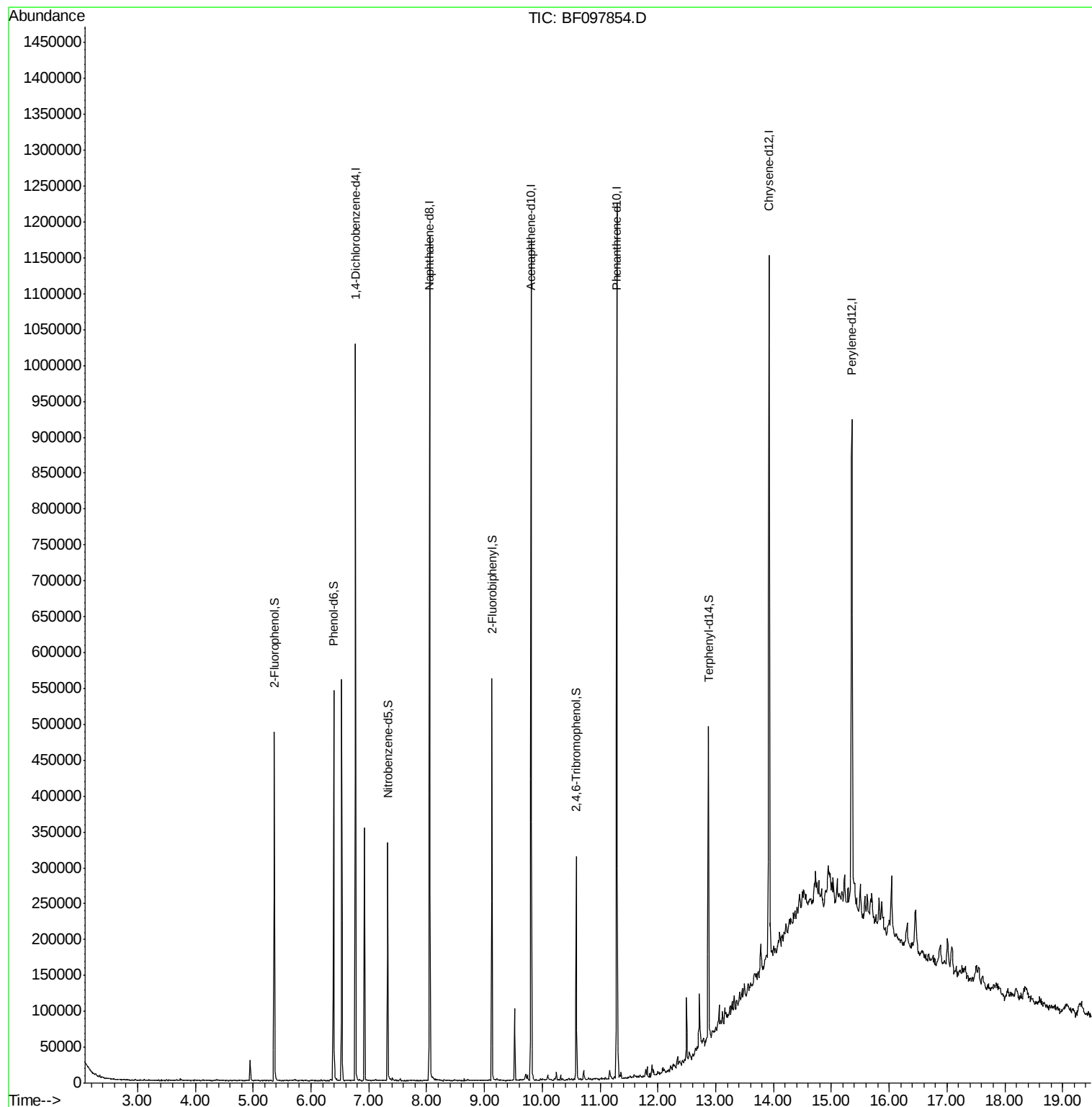
Target Compounds Qvalue

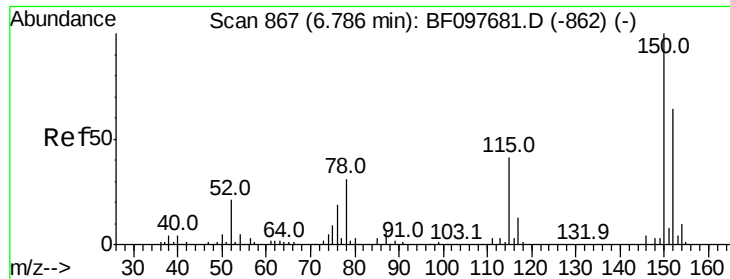
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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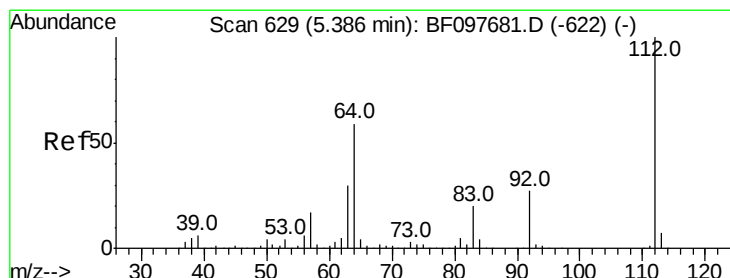
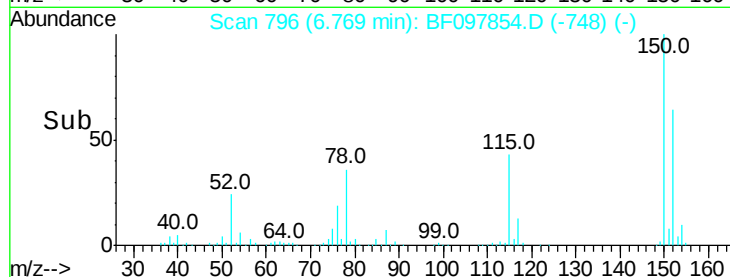
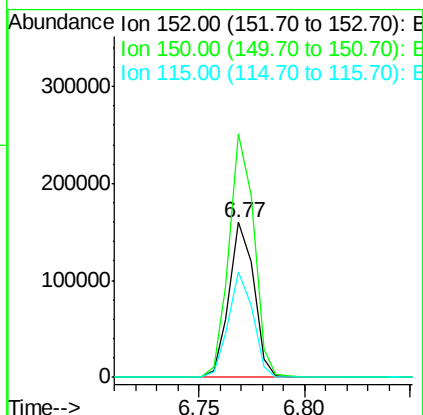
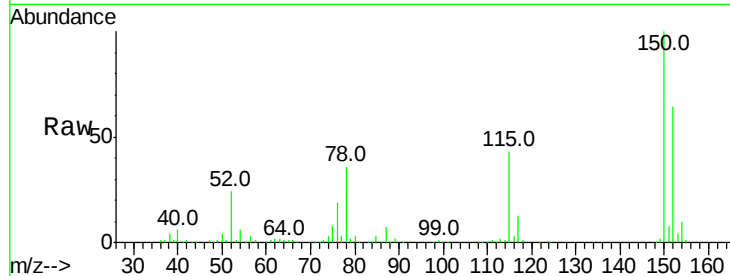


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF097854.D
Acq: 19 Aug 2017 1:18

Instrument :
BNA_F
ClientSampleId :
B-14(0-10)COMP

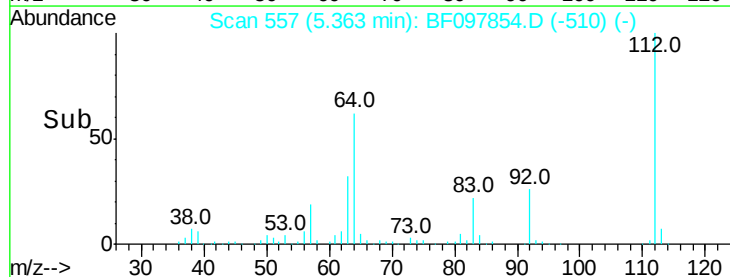
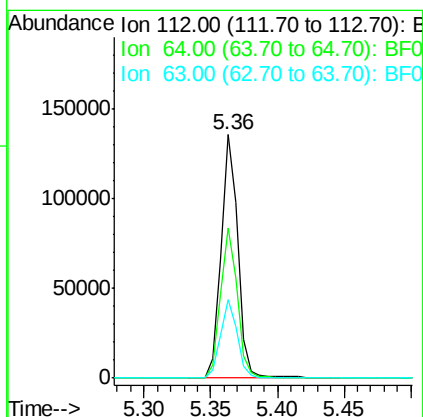
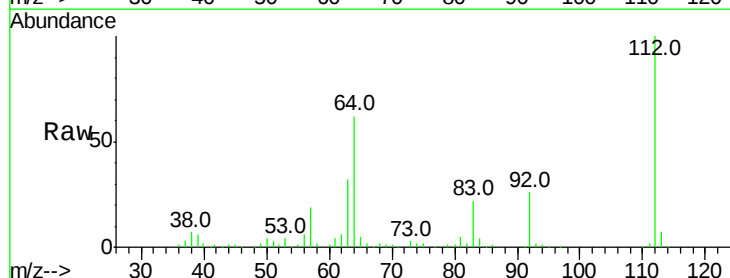
Tot Ion:152 Resp: 129908
Ion Ratio Lower Upper
152 100
150 157.0 126.2 189.2
115 67.7 52.2 78.2

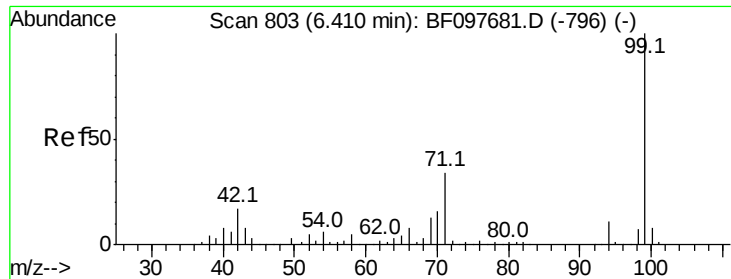


#5

2-Fluorophenol
Concen: 14.190 ng
RT: 5.36 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF097854.D
Acq: 19 Aug 2017 1:18

Tgt Ion:112 Resp: 121191
Ion Ratio Lower Upper
112 100
64 61.7 46.0 69.0
63 32.2 23.4 35.0





#7

Phenol-d6

Concen: 14.429 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF097854.D

Acq: 19 Aug 2017 1:18

Instrument :

BNA_F

ClientSampleId :

B-14(0-10)COMP

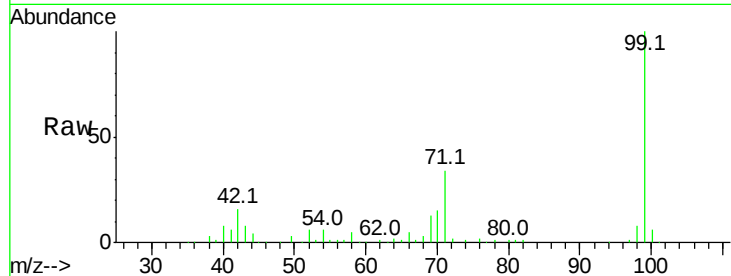
Tot Ion: 99 Resp: 167441

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

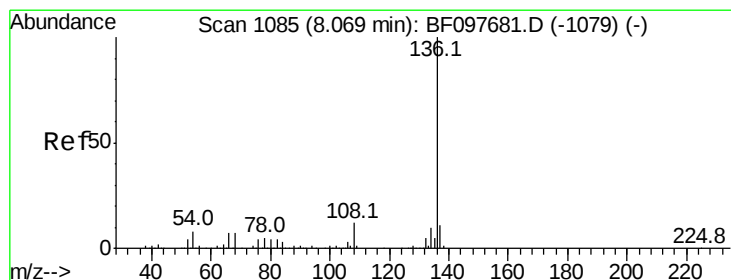
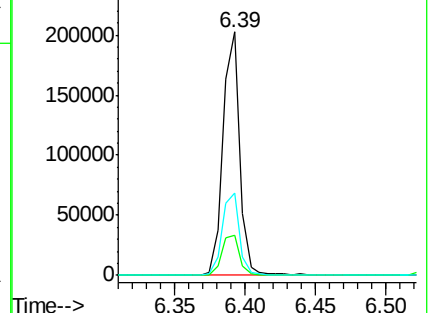
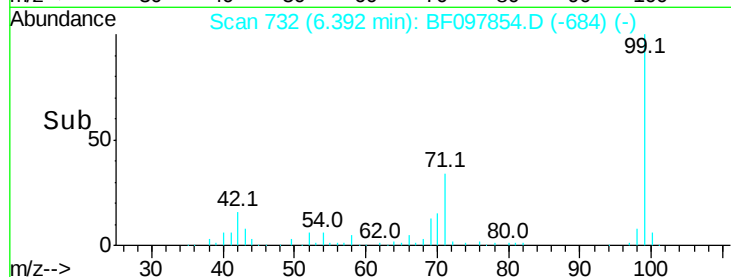
71 33.9 24.5 36.7



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: 8.05 min Scan# 1014

Delta R.T. -0.02 min

Lab File: BF097854.D

Acq: 19 Aug 2017 1:18

Tgt Ion: 136 Resp: 518379

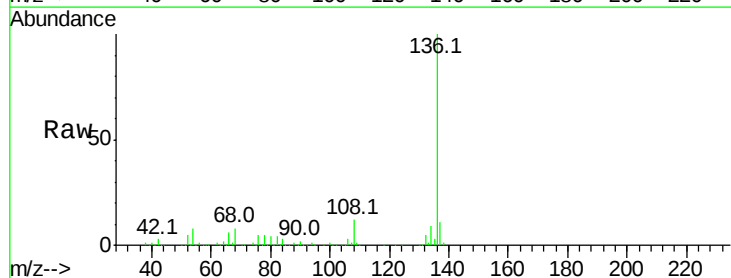
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 8.3 4.9 7.3#

68 7.7 4.1 6.1#

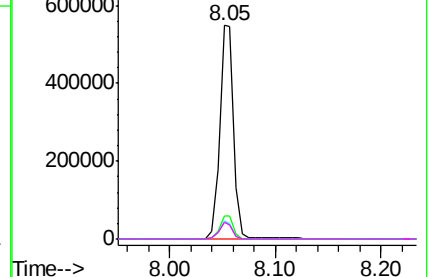
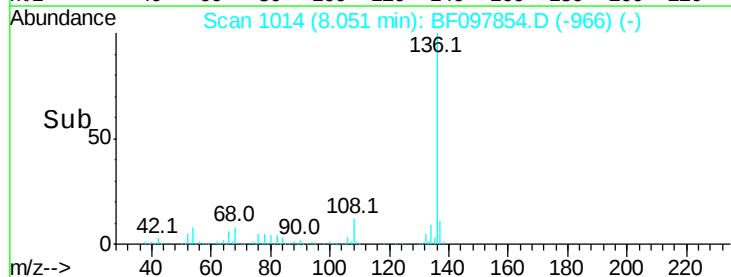


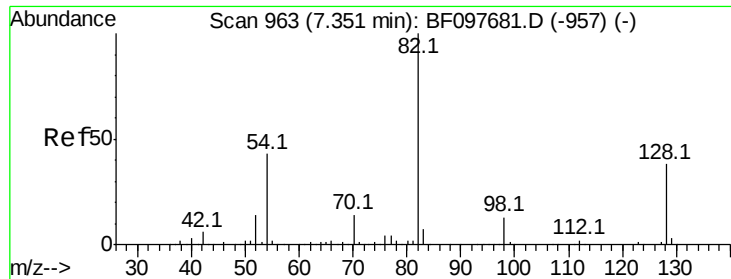
Abundance Ion 136.00 (135.70 to 136.70): E

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

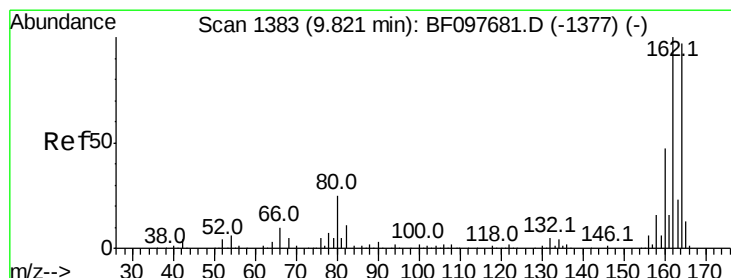
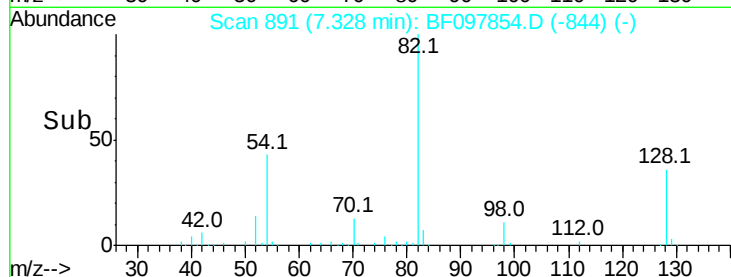
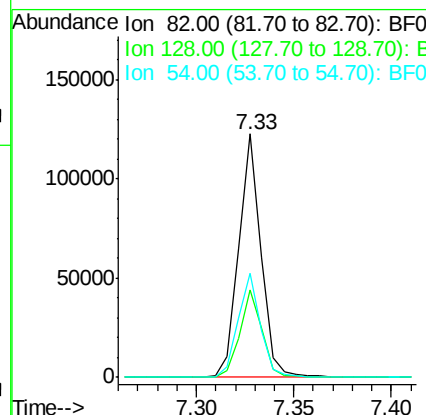
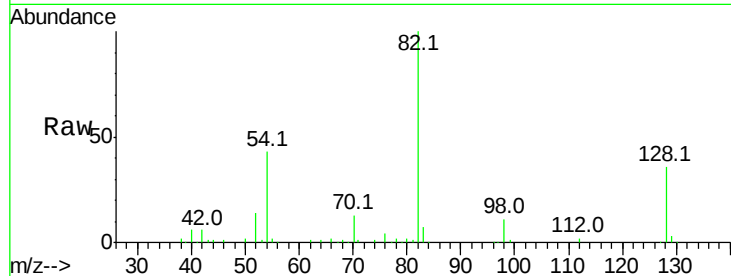




#23
 Nitrobenzene-d5
 Concen: 10.156 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.02 min
 Lab File: BF097854.D
 Acq: 19 Aug 2017 1:18

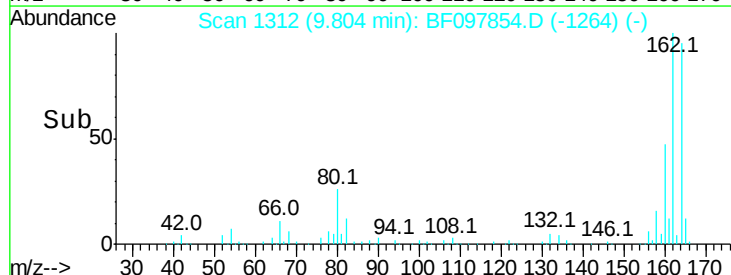
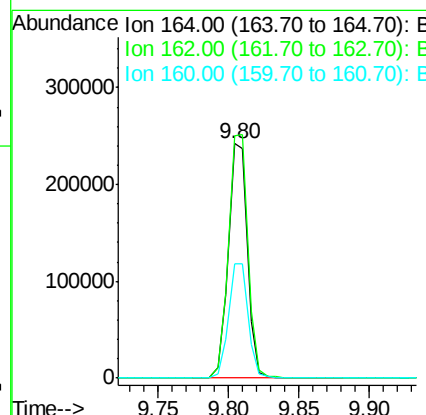
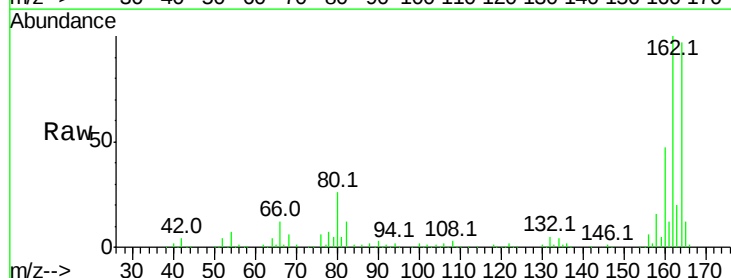
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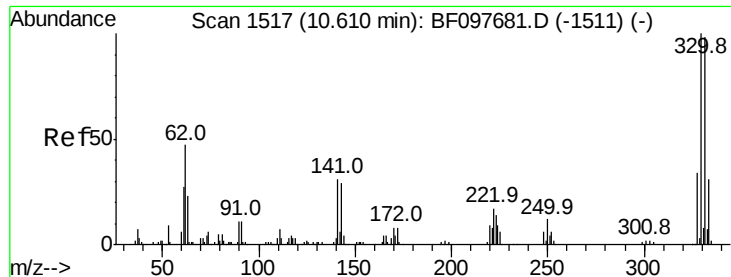
Tot Ion	82	Resp	96913
Ion Ratio	Lower	Upper	
82	100		
128	36.2	34.0	51.0
54	43.0	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.02 min
 Lab File: BF097854.D
 Acq: 19 Aug 2017 1:18

Tgt Ion	164	Resp	228350
Ion Ratio	Lower	Upper	
164	100		
162	103.4	82.6	123.8
160	48.8	36.2	54.2

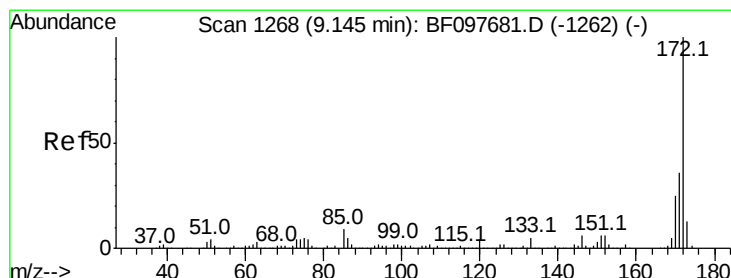
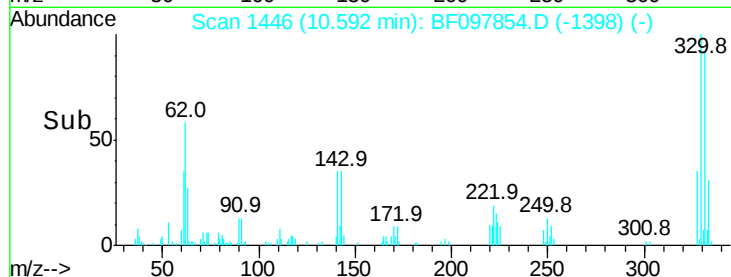
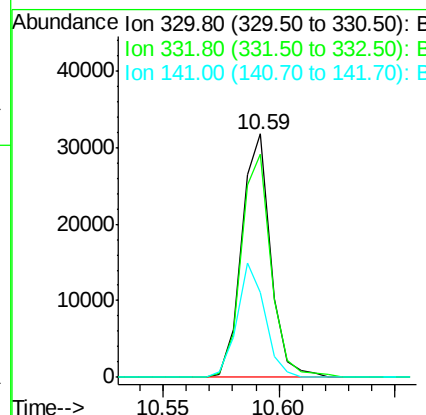
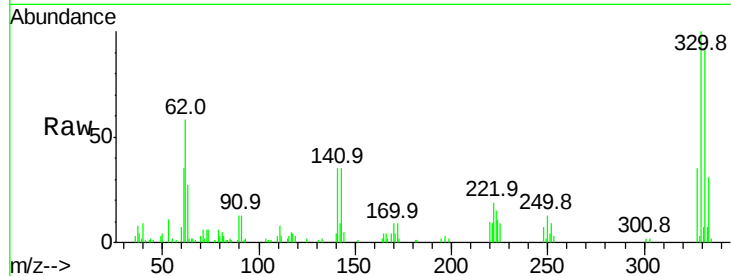




#41
 2,4,6-Tribromophenol
 Concen: 13.978 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF097854.D
 Acq: 19 Aug 2017 1:18

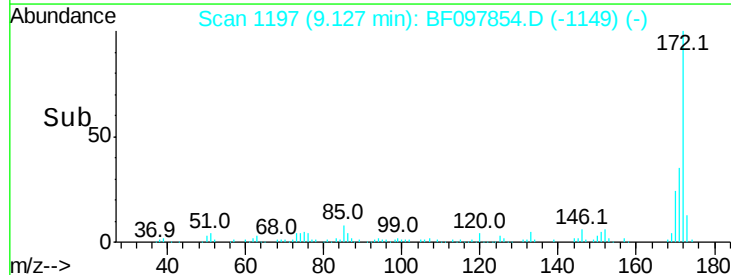
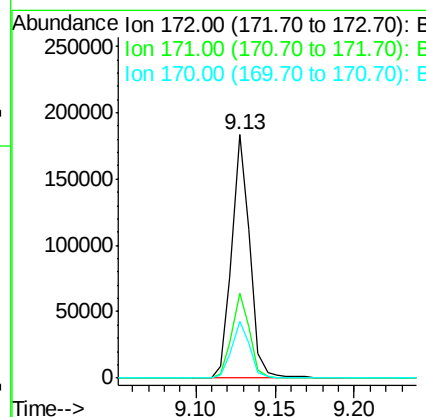
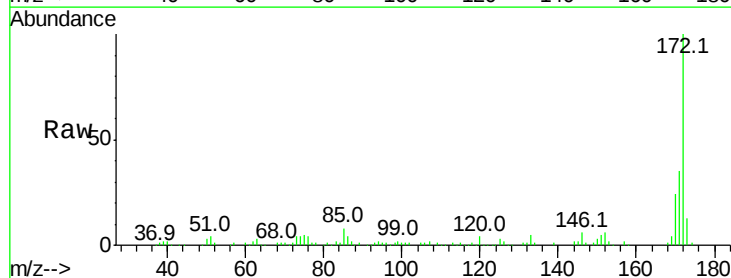
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 BNA_F
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 B-14(0-10)COMP

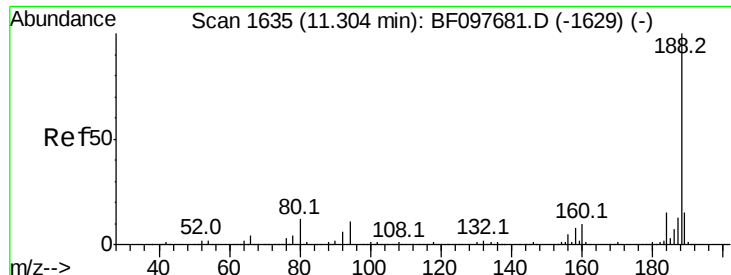
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	115.0
141	45.2	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 9.355 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: BF097854.D
 Acq: 19 Aug 2017 1:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.6	44.4
170	23.5	19.8	29.8

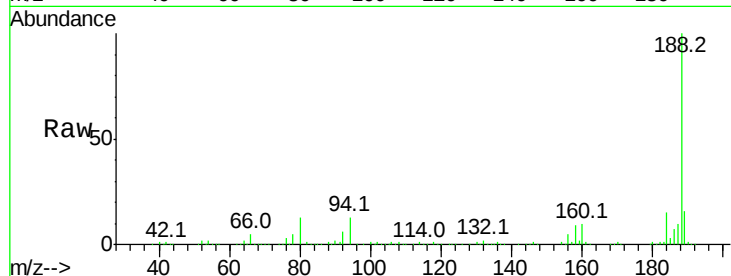




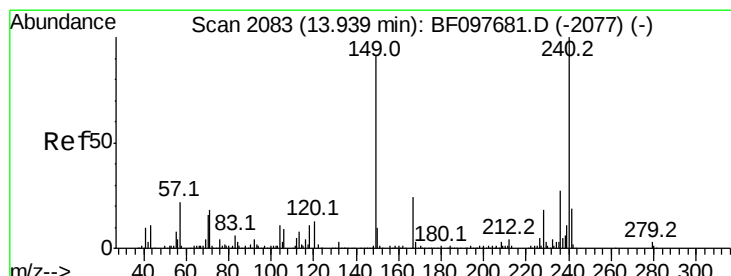
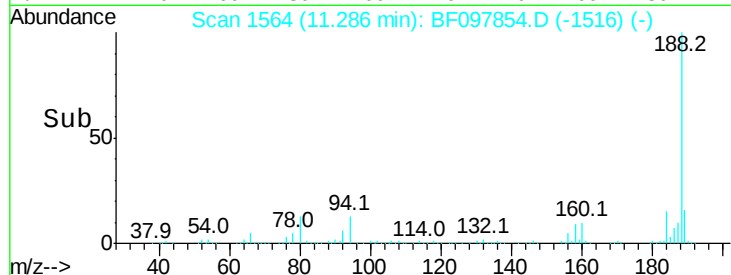
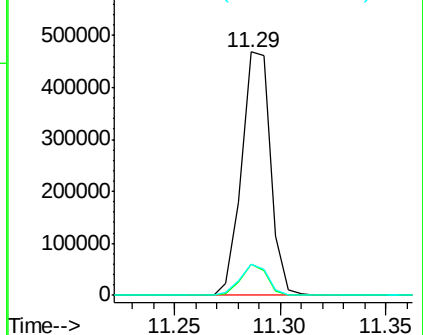
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.02 min
Lab File: BF097854.D
Acq: 19 Aug 2017 1:18

Instrument :
BNA_F
ClientSampleId :
B-14(0-10)COMP

Tot Ion:188 Resp: 445109
Ion Ratio Lower Upper
188 100
94 12.5 9.4 14.2
80 13.0 10.2 15.2

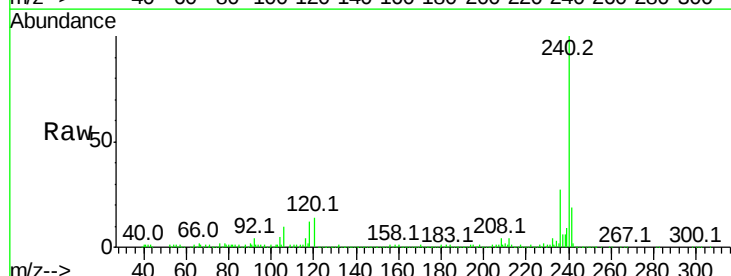


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

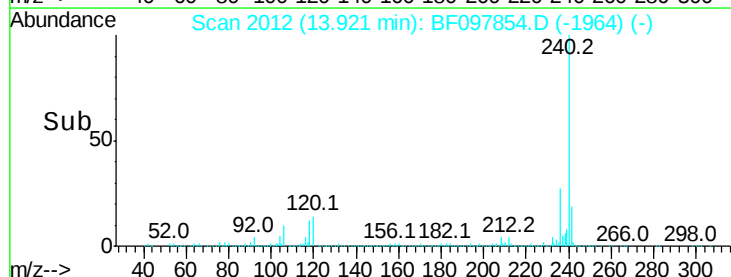
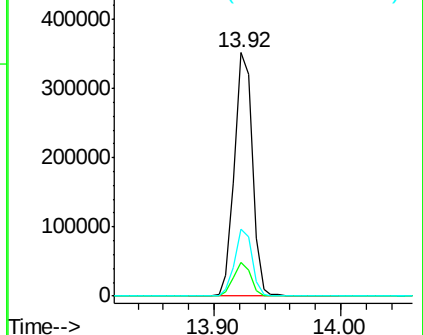


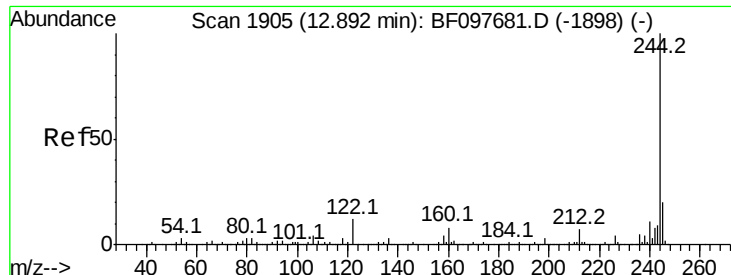
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF097854.D
Acq: 19 Aug 2017 1:18

Tgt Ion:240 Resp: 343714
Ion Ratio Lower Upper
240 100
120 13.8 5.8 8.8#
236 27.5 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

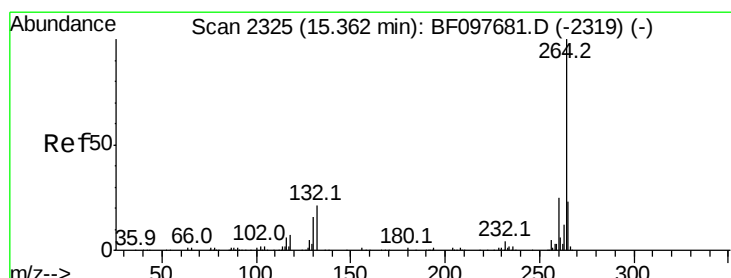
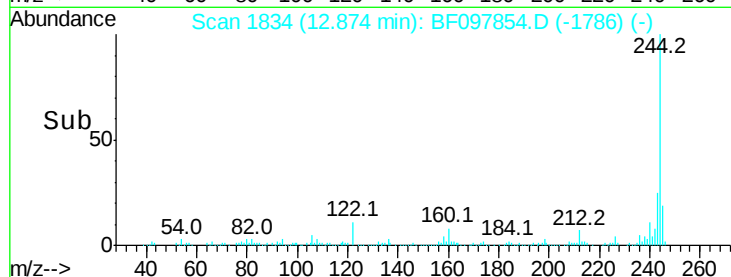
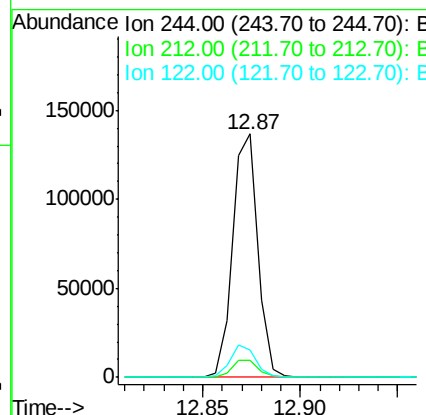
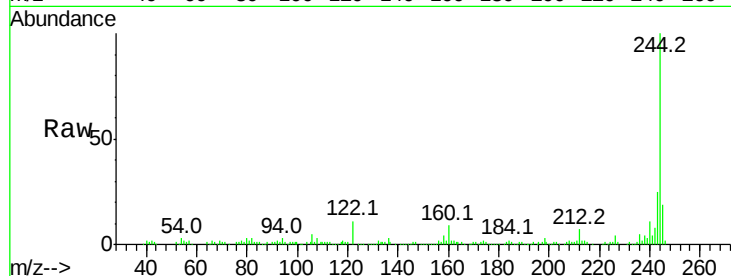




#78
 Terphenyl-d14
 Concen: 7.393 ng
 RT: 12.87 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BF097854.D
 Acq: 19 Aug 2017 1:18

Instrument :
 BNA_F
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 B-14(0-10)COMP

Tot Ion:244 Resp: 121851
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 11.1 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2256
 Delta R.T. -0.01 min
 Lab File: BF097854.D
 Acq: 19 Aug 2017 1:18

Tgt Ion:264 Resp: 304545
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 21.6 17.2 25.8

