

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031617\
 Data File : BF093710.D
 Acq On : 16 Mar 2017 17:08
 Operator : SJ/MA
 Sample : I2254-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Mar 17 03:24:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	166319	20.00	ng	-0.02
21) Naphthalene-d8	7.99	136	633664	20.00	ng	-0.02
38) Acenaphthene-d10	9.74	164	313206	20.00	ng	-0.02
63) Phenanthrene-d10	11.21	188	571824	20.00	ng	-0.03
75) Chrysene-d12	13.85	240	457698	20.00	ng	-0.03
86) Perylene-d12	15.25	264	341456	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	612878	61.33	ng	-0.02
7) Phenol-d6	6.37	99	513738	40.77	ng	-0.01
23) Nitrobenzene-d5	7.27	82	1106000	96.84	ng	-0.03
41) 2,4,6-Tribromophenol	10.53	330	301176	147.59	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1680035	99.77	ng	-0.02
78) Terphenyl-d14	12.80	244	1423074	80.84	ng	-0.02

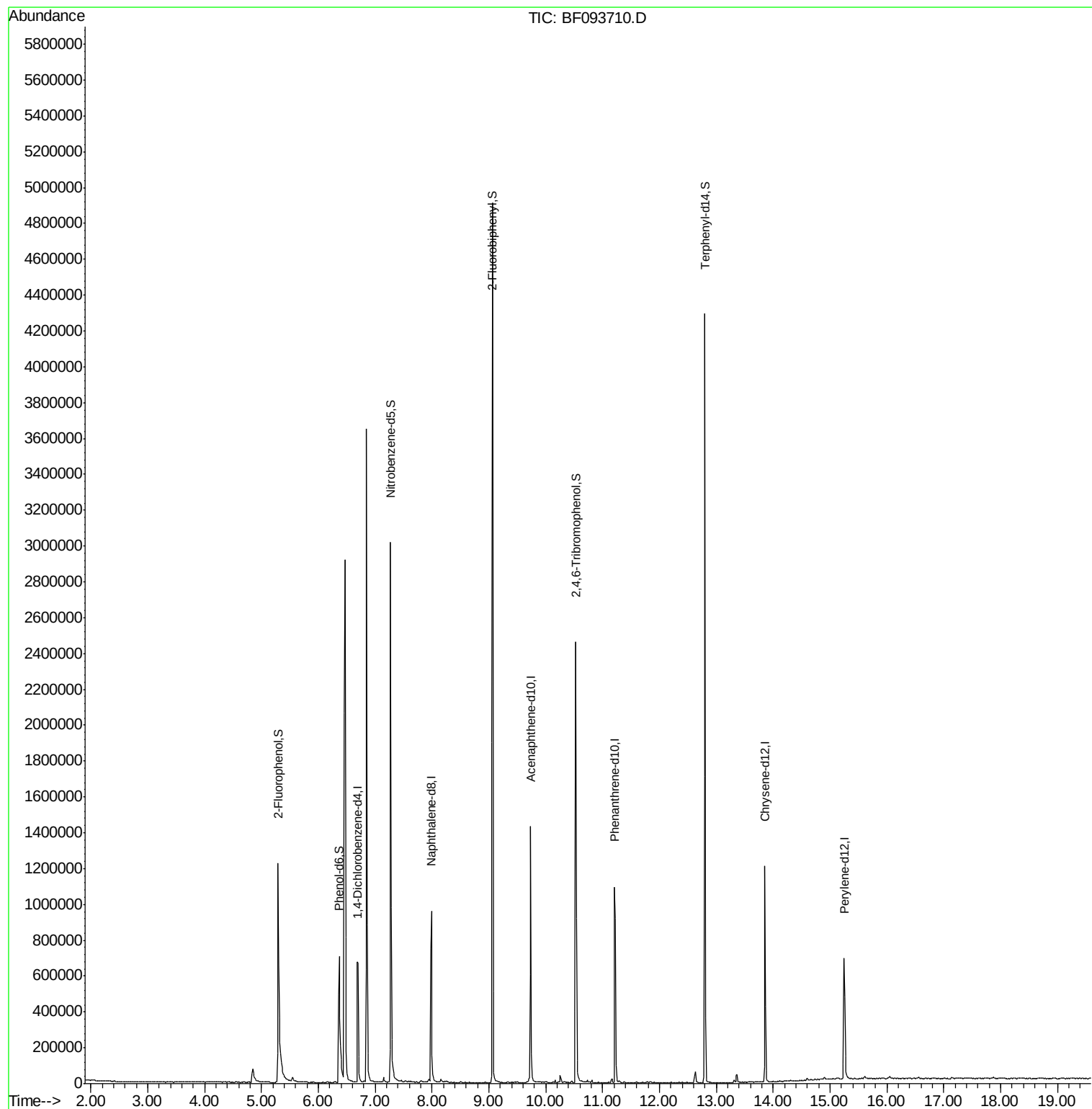
Target Compounds Qvalue

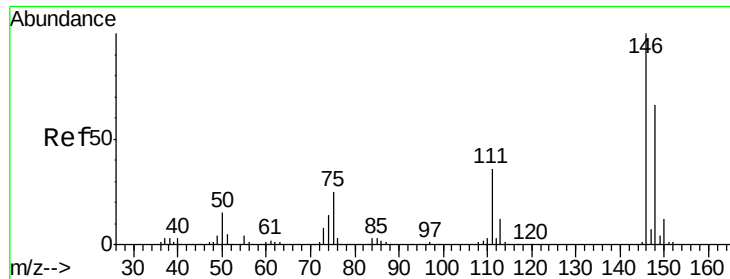
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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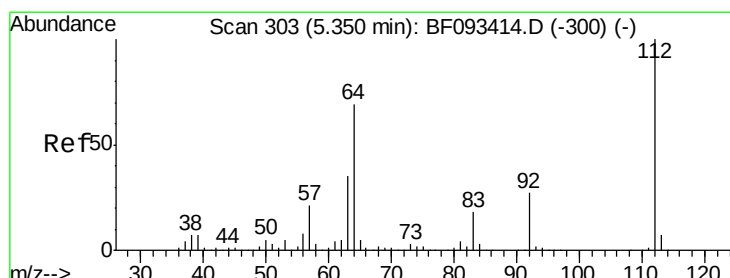
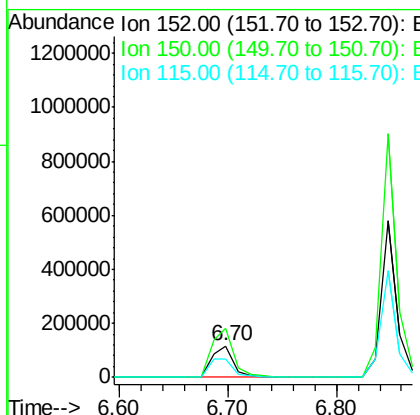
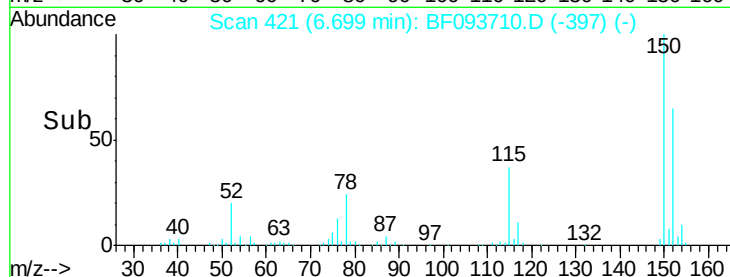
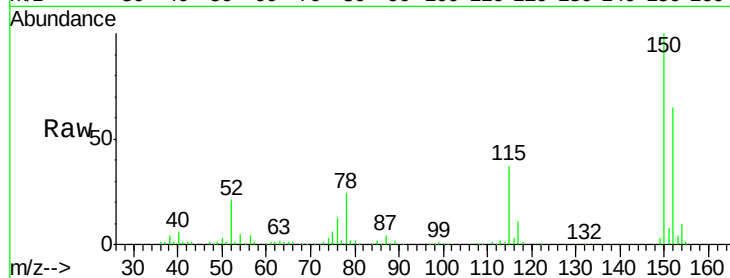




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.70 min Scan# 421
 Delta R.T. -0.02 min
 Lab File: BF093710.D
 Acq: 16 Mar 2017 17:08

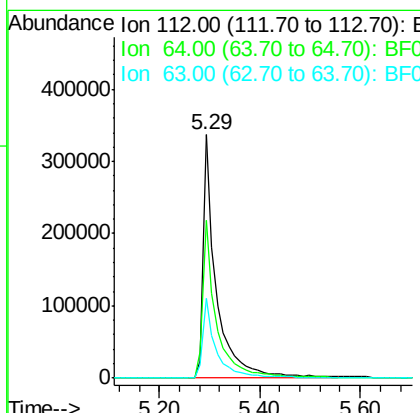
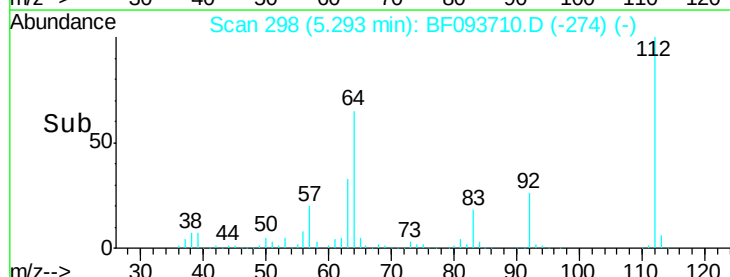
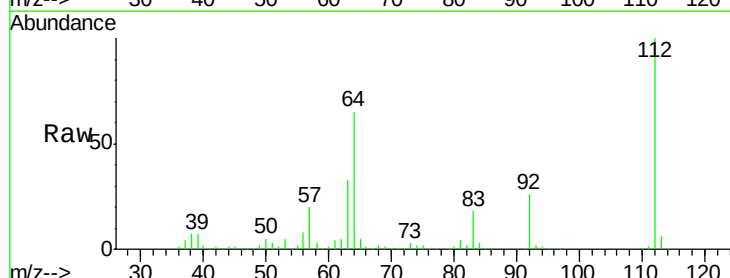
Instrument :
 BNA_F
 ClientSampleId :
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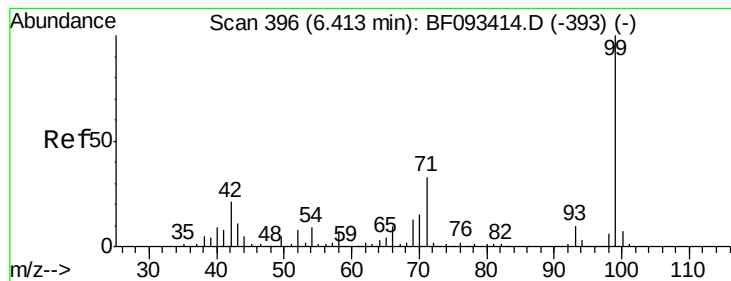
Tot Ion:	152	Resp:	166319
Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.9	187.3
115	56.7	46.0	69.0



#5
 2-Fluorophenol
 Concen: 61.33 ng
 RT: 5.29 min Scan# 298
 Delta R.T. -0.02 min
 Lab File: BF093710.D
 Acq: 16 Mar 2017 17:08

Tgt Ion:	112	Resp:	612878
Ion	Ratio	Lower	Upper
112	100		
64	65.1	46.1	69.1
63	32.9	23.8	35.6





#7

Phenol-d6

Concen: 40.77 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093710.D

Acq: 16 Mar 2017 17:08

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK

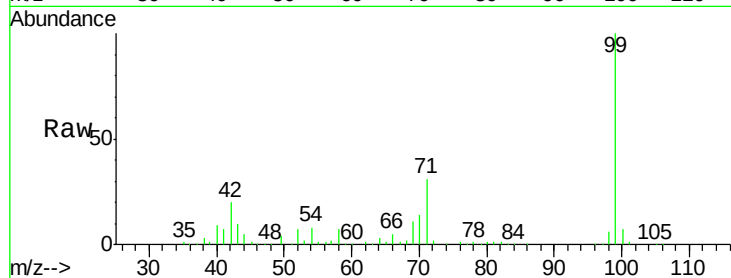
Tot Ion: 99 Resp: 513738

Ion Ratio Lower Upper

99 100

42 20.0 15.6 23.4

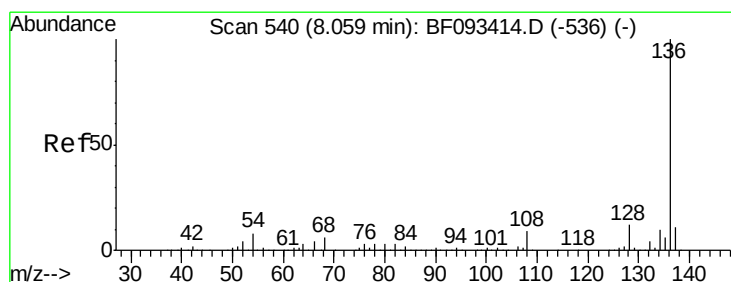
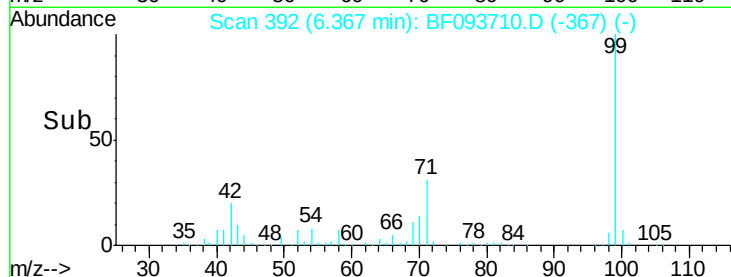
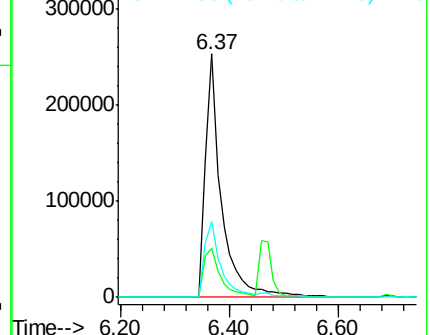
71 31.3 27.5 41.3



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: 7.99 min Scan# 534

Delta R.T. -0.02 min

Lab File: BF093710.D

Acq: 16 Mar 2017 17:08

Tgt Ion: 136 Resp: 633664

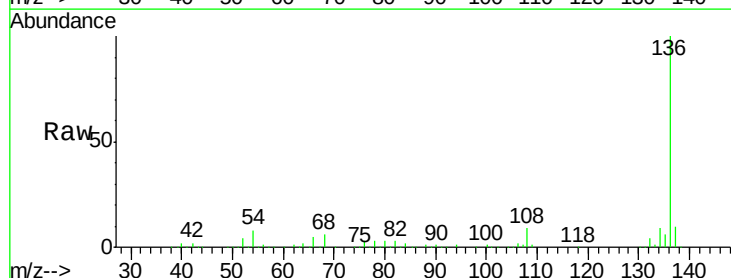
Ion Ratio Lower Upper

136 100

137 10.3 8.4 12.6

54 8.0 4.5 6.7#

68 6.1 3.6 5.4#

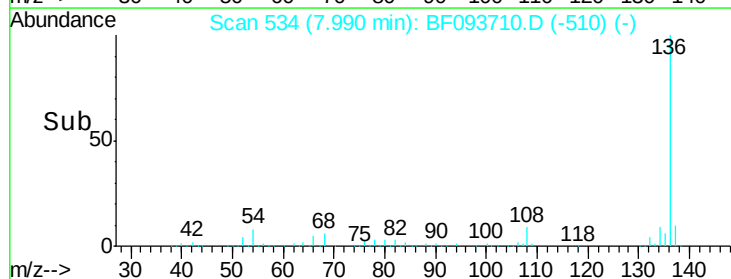
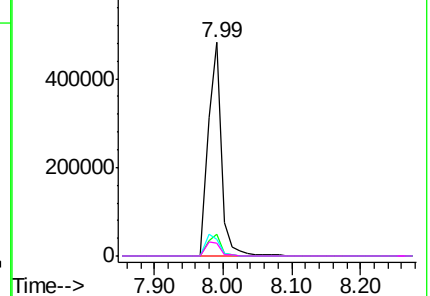


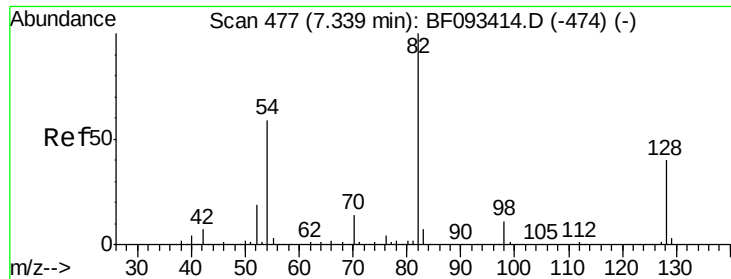
Abundance Ion 136.00 (135.70 to 136.70): E

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

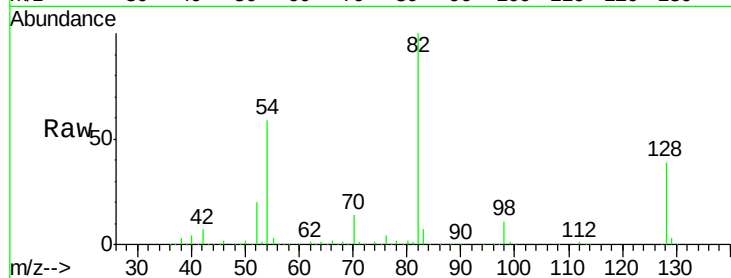




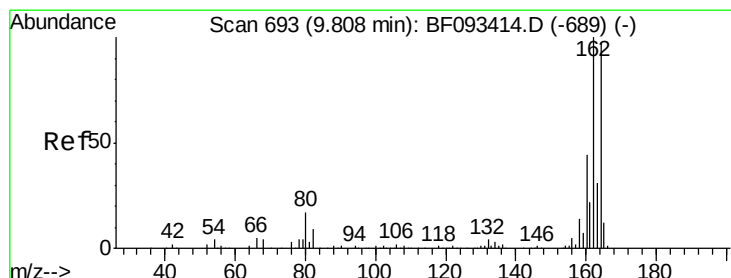
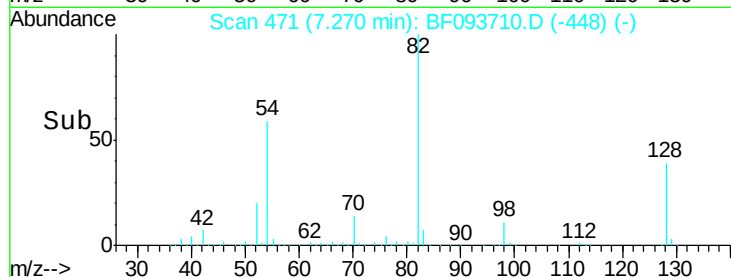
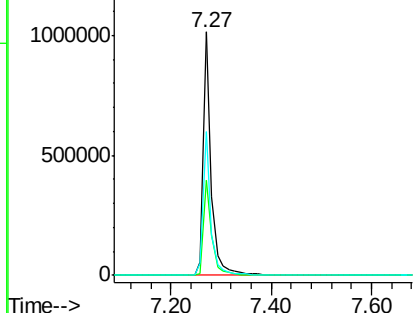
#23
 Nitrobenzene-d5
 Concen: 96.84 ng
 RT: 7.27 min Scan# 471
 Delta R.T. -0.03 min
 Lab File: BF093710.D
 Acq: 16 Mar 2017 17:08

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion: 82 Resp: 1106000
 Ion Ratio Lower Upper
 82 100
 128 38.9 34.6 52.0
 54 59.3 39.5 59.3#

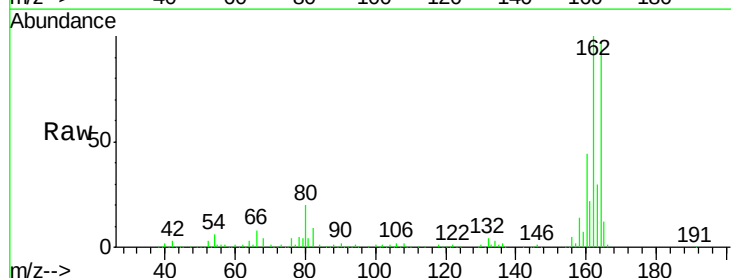


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

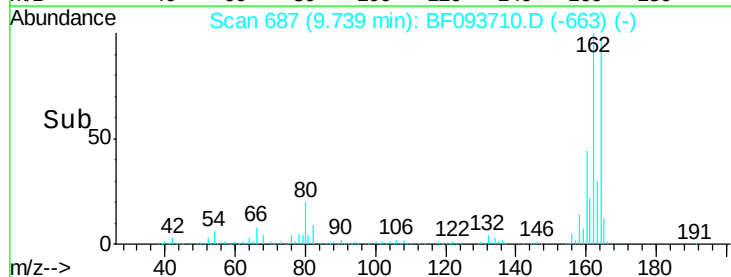
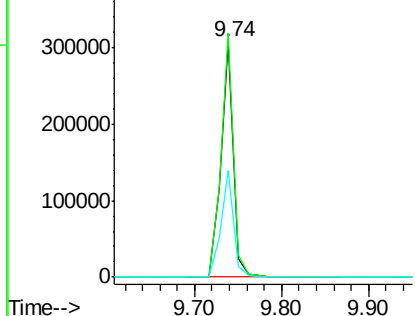


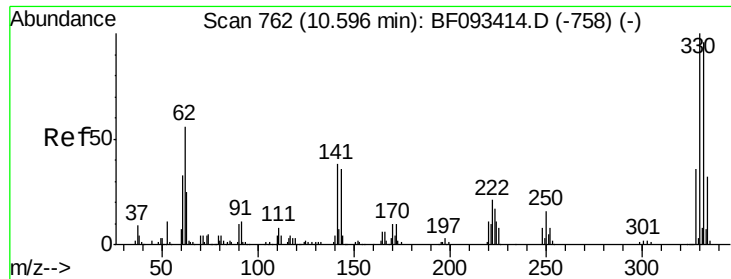
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF093710.D
 Acq: 16 Mar 2017 17:08

Tgt Ion:164 Resp: 313206
 Ion Ratio Lower Upper
 164 100
 162 103.6 80.2 120.2
 160 45.2 36.9 55.3



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

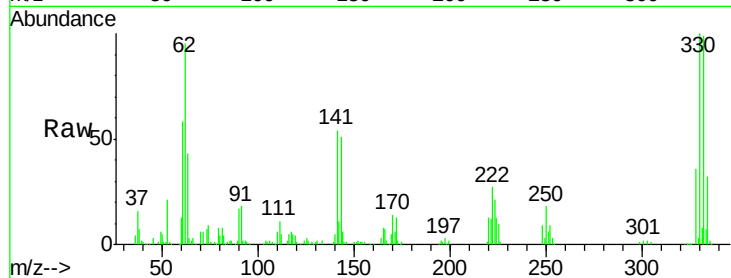




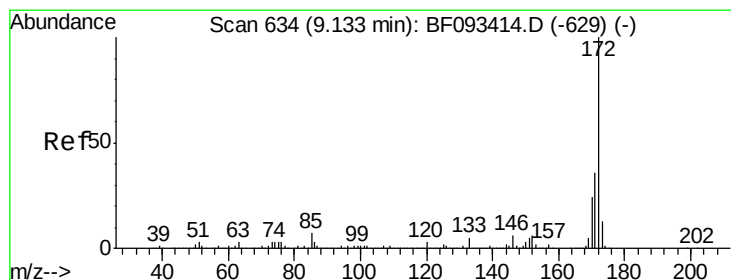
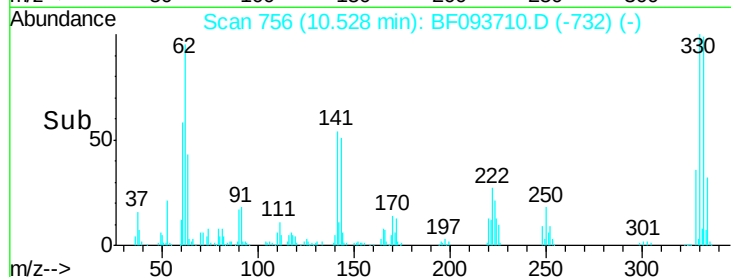
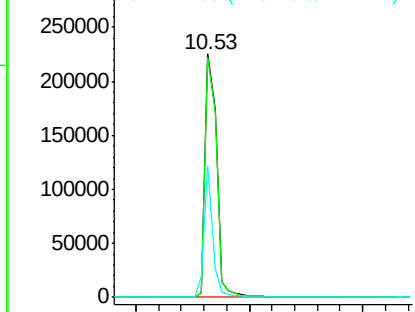
#41
 2,4,6-Tribromophenol
 Concen: 147.59 ng
 RT: 10.53 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF093710.D
 Acq: 16 Mar 2017 17:08

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:330 Resp: 301176
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.4 116.2
 141 41.0 34.1 51.1

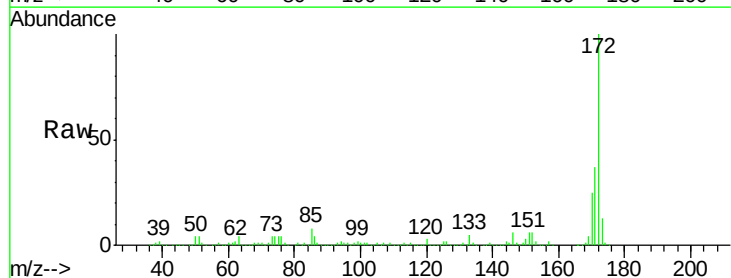


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

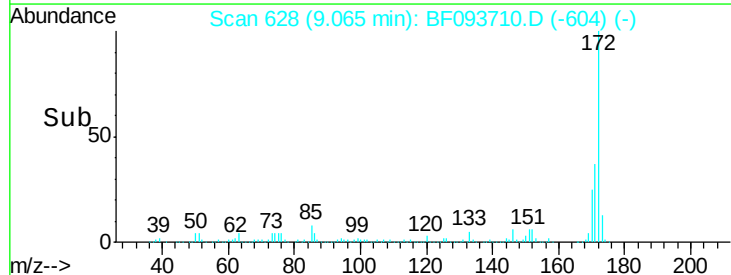
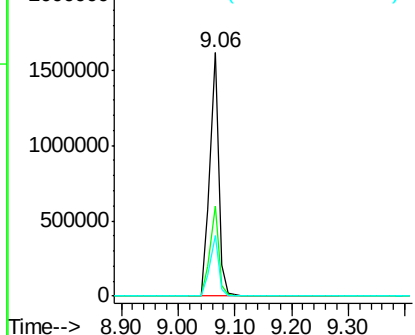


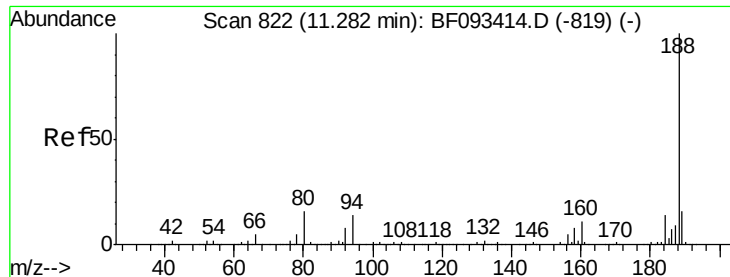
#44
 2-Fluorobiphenyl
 Concen: 99.77 ng
 RT: 9.06 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF093710.D
 Acq: 16 Mar 2017 17:08

Tgt Ion:172 Resp: 1680035
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.0
 170 24.7 20.2 30.4



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

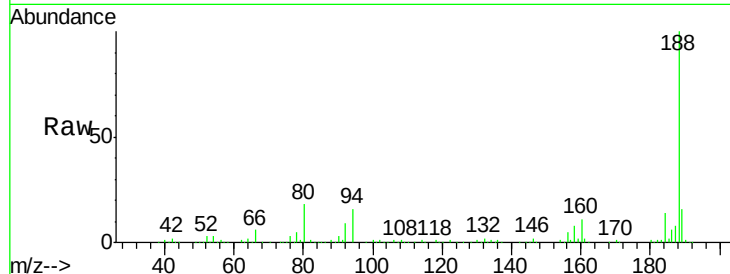




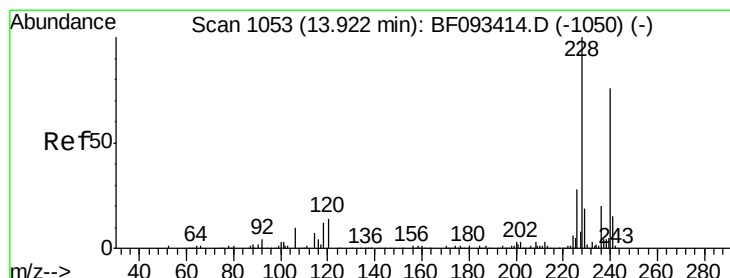
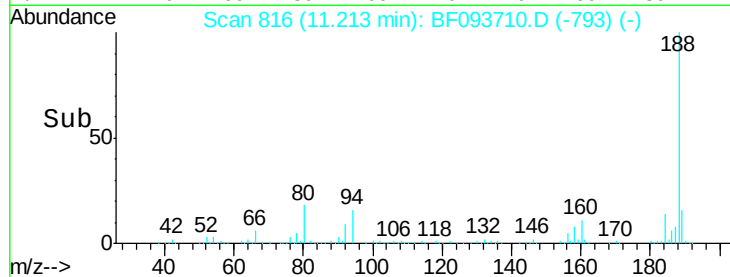
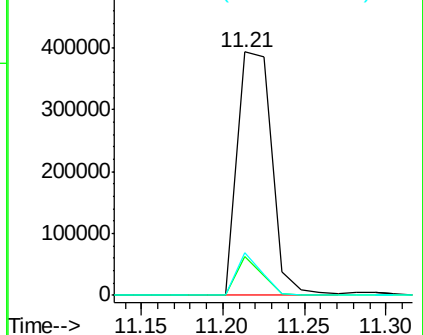
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF093710.D
Acq: 16 Mar 2017 17:08

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:188 Resp: 571824
Ion Ratio Lower Upper
188 100
94 15.7 10.0 15.0#
80 17.8 11.2 16.8#

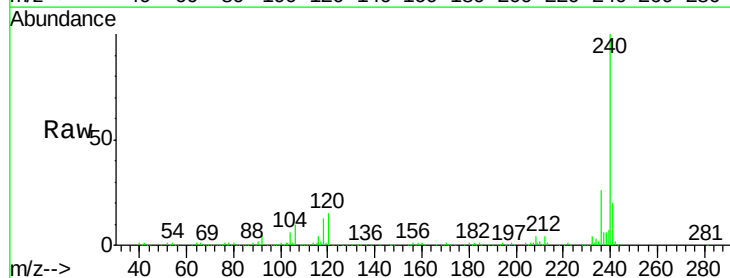


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

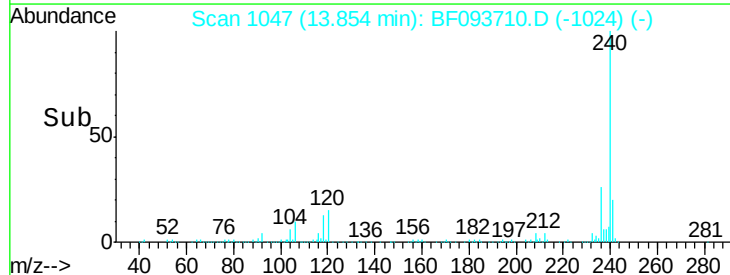
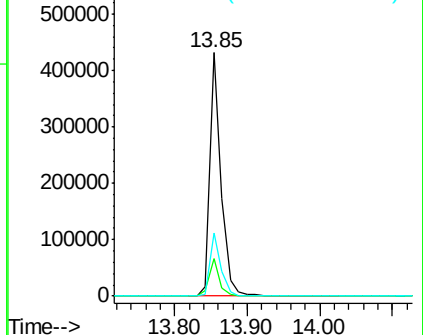


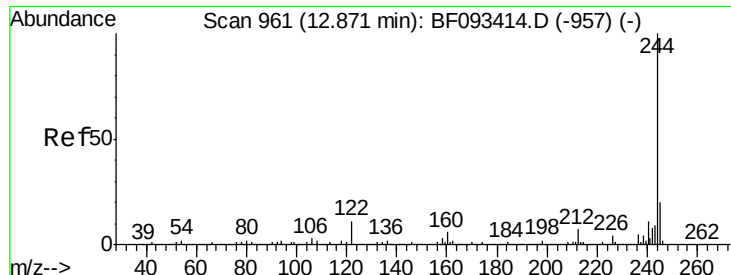
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1047
Delta R.T. -0.03 min
Lab File: BF093710.D
Acq: 16 Mar 2017 17:08

Tgt Ion:240 Resp: 457698
Ion Ratio Lower Upper
240 100
120 15.4 12.9 19.3
236 25.9 20.9 31.3



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: 80.84 ng

RT: 12.80 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF093710.D

Acq: 16 Mar 2017 17:08

Instrument :

BNA_F

ClientSampleId :

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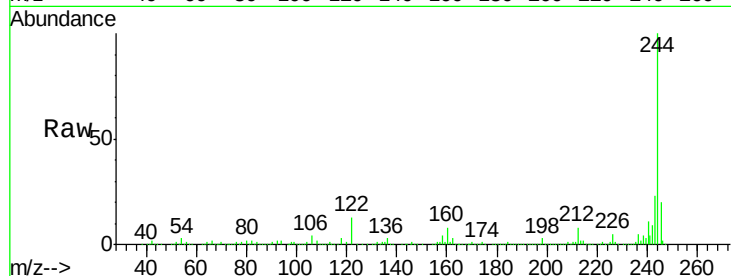
Tot Ion:244 Resp: 1423074

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

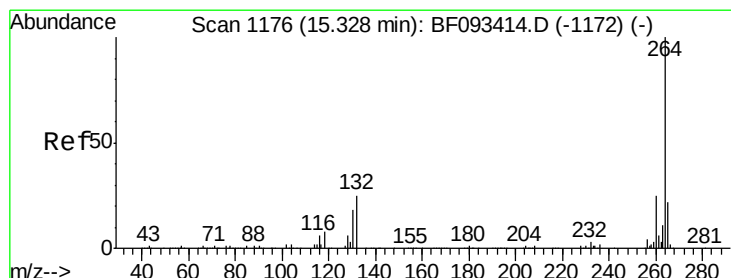
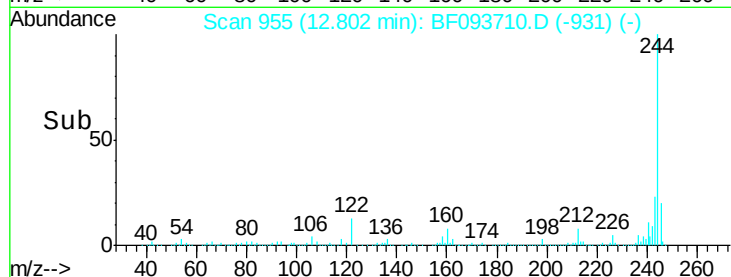
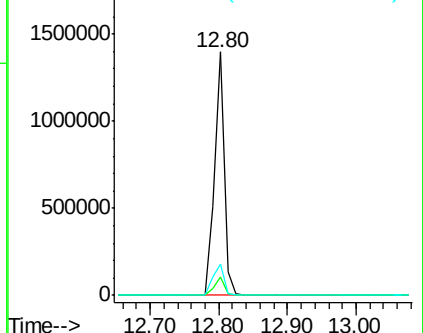
122 12.8 11.4 17.2



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: 15.25 min Scan# 1169

Delta R.T. -0.03 min

Lab File: BF093710.D

Acq: 16 Mar 2017 17:08

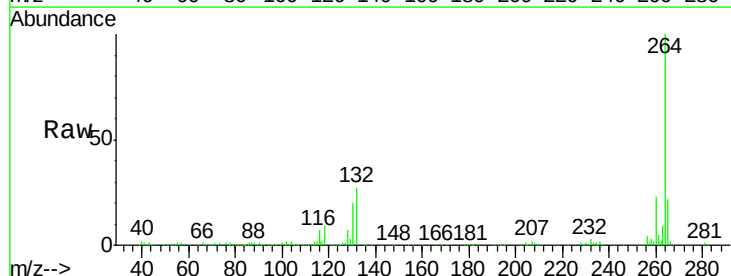
Tgt Ion:264 Resp: 341456

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.5 17.4 26.0



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

