

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090916\
 Data File : BF090053.D
 Acq On : 9 Sep 2016 18:25
 Operator : UM/SJ
 Sample : H4688-04RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-TRANSFORMER-POLE44228RE

Quant Time: Sep 10 04:56:40 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 08 16:07:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	170450	20.00	ng	-0.02
21) Naphthalene-d8	7.87	136	600087	20.00	ng	-0.02
38) Acenaphthene-d10	9.71	164	94491m	20.00	ng	0.08
63) Phenanthrene-d10	11.24	188	82852m	20.00	ng	0.14
75) Chrysene-d12	13.83	240	195474m	20.00	ng	0.10
86) Perylene-d12	15.11	264	275557m	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	240894	22.62	ng	-0.02
7) Phenol-d6	6.23	99	307843	23.79	ng	-0.02
23) Nitrobenzene-d5	7.15	82	150329	14.53	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	24235m	26.00	ng	0.10
44) 2-Fluorobiphenyl	8.99	172	185493	32.22	ng	0.02
78) Terphenyl-d14	12.82	244	76133m	9.62	ng	0.14

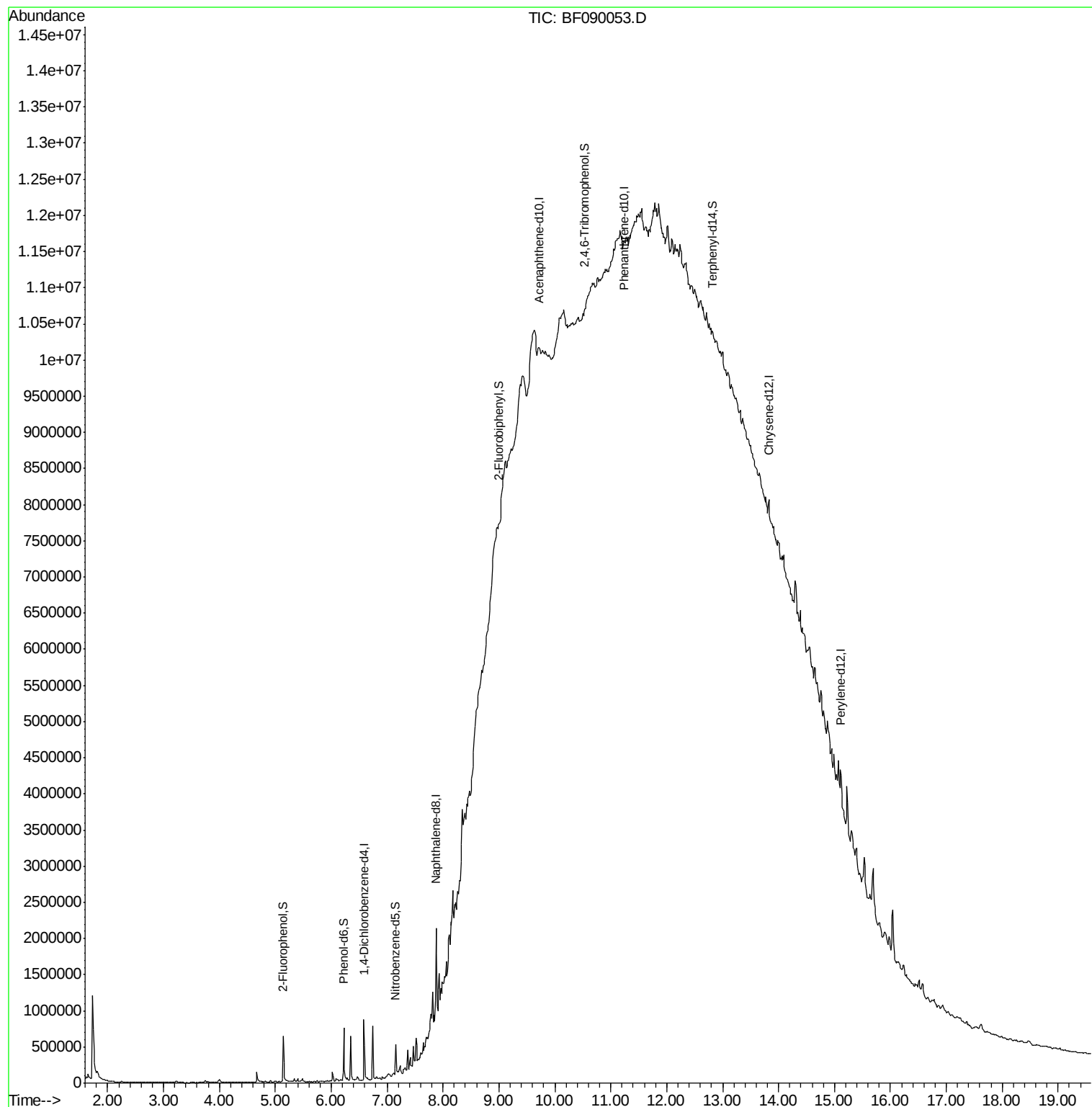
Target Compounds	Qvalue
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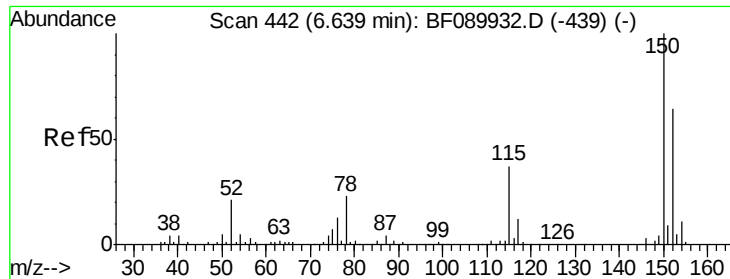
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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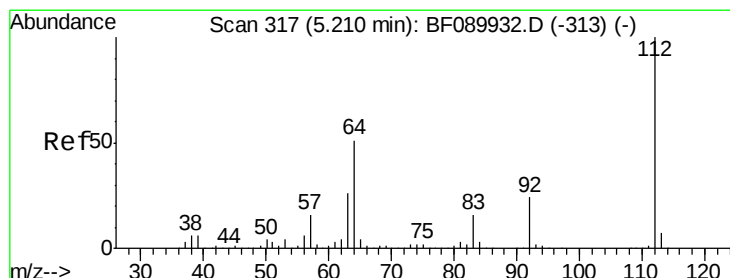
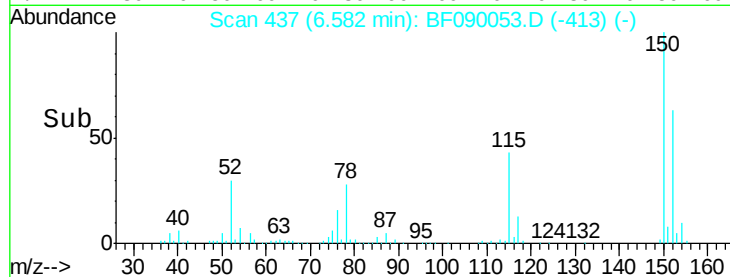
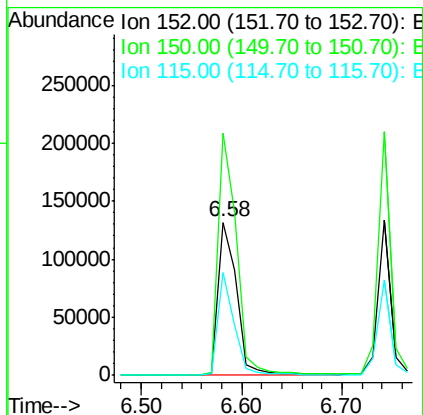
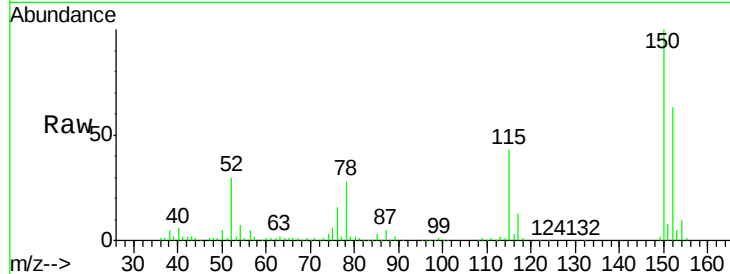


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF090053.D
Acq: 9 Sep 2016 18:25

Instrument :
BNA_F
ClientSampleId :
SS-TRANSFORMER-POLE44228RE

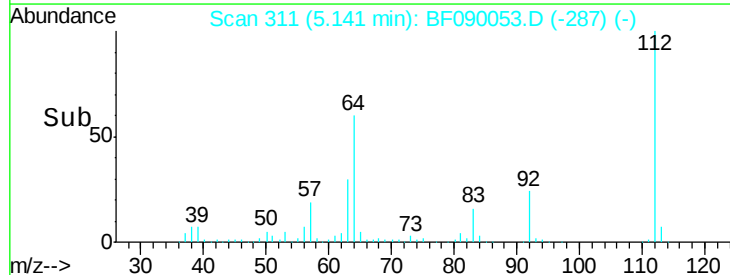
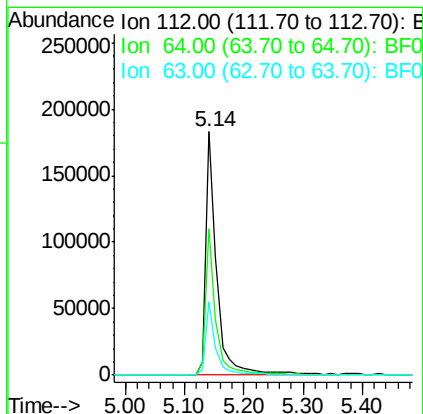
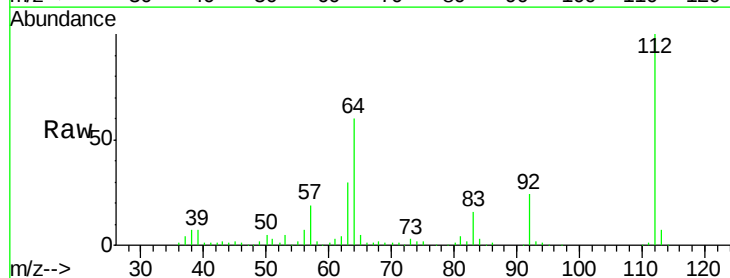
Tgt Ion:152 Resp: 170450
Ion Ratio Lower Upper
152 100
150 158.4 127.4 191.2
115 67.3 46.3 69.5

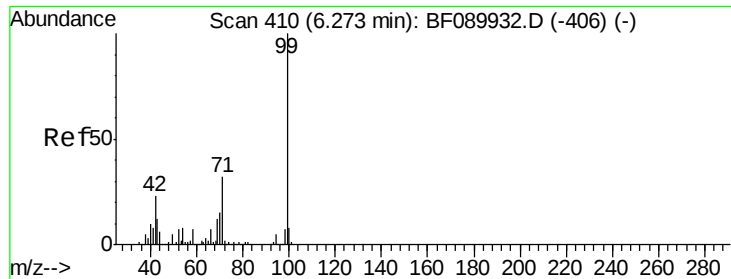


#5

2-Fluorophenol
Concen: 22.62 ng
RT: 5.14 min Scan# 311
Delta R.T. -0.02 min
Lab File: BF090053.D
Acq: 9 Sep 2016 18:25

Tgt Ion:112 Resp: 240894
Ion Ratio Lower Upper
112 100
64 60.2 41.1 61.7
63 29.9 21.2 31.8





#7

Phenol-d6

Concen: 23.79 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF090053.D

Acq: 9 Sep 2016 18:25

Instrument :

BNA_F

ClientSampleId :

SS-TRANSFORMER-POLE44228RE

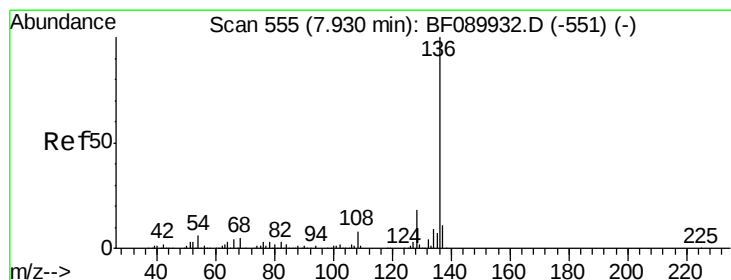
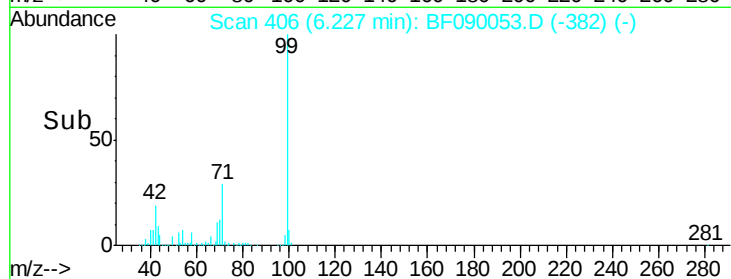
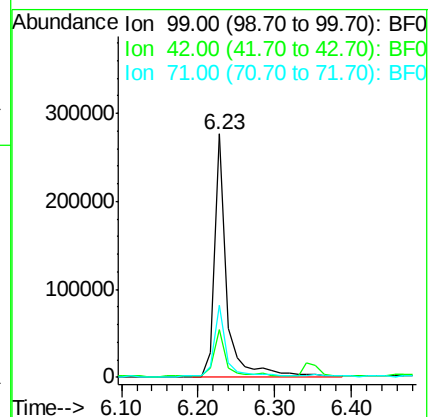
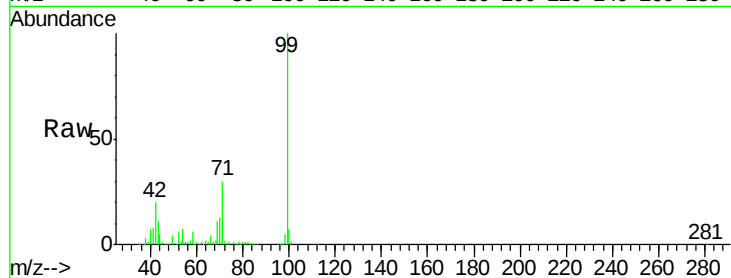
Tgt Ion: 99 Resp: 307843

Ion Ratio Lower Upper

99 100

42 19.5 18.6 27.8

71 29.6 25.8 38.6



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.02 min

Lab File: BF090053.D

Acq: 9 Sep 2016 18:25

Tgt Ion: 136 Resp: 600087

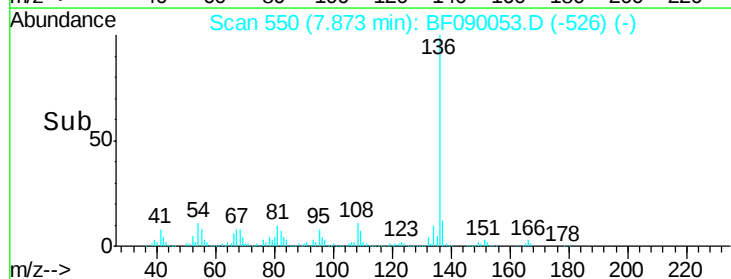
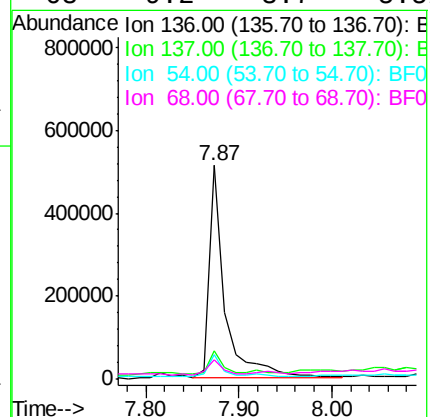
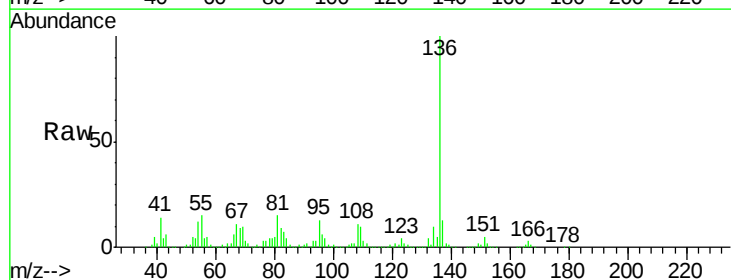
Ion Ratio Lower Upper

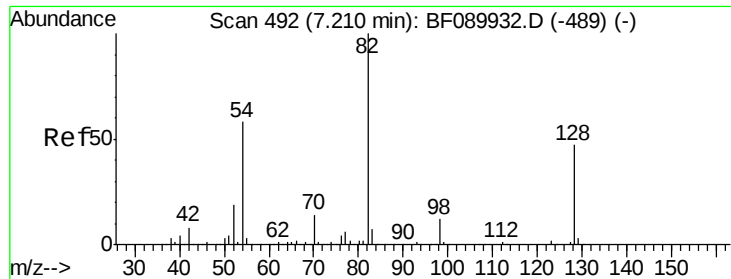
136 100

137 13.4 8.3 12.5#

54 11.6 4.8 7.2#

68 9.2 3.7 5.5#

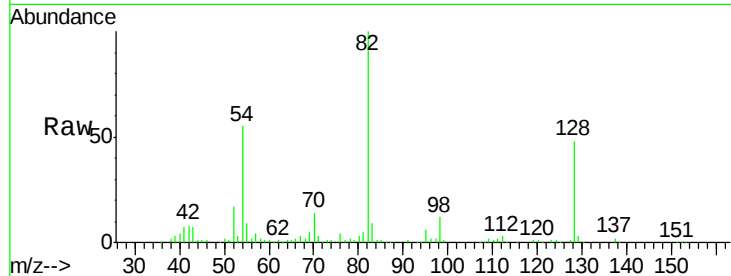




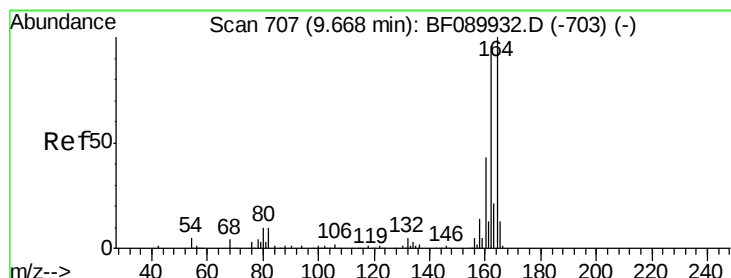
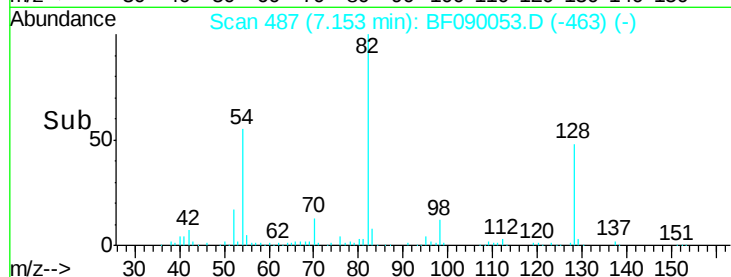
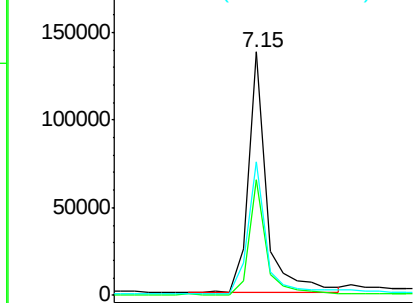
#23
 Nitrobenzene-d5
 Concen: 14.53 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: BF090053.D
 Acq: 9 Sep 2016 18:25

Instrument :
 BNA_F
 ClientSampleId :
 SS-TRANSFORMER-POLE44228RE

Tgt Ion: 82 Resp: 150329
 Ion Ratio Lower Upper
 82 100
 128 47.7 37.8 56.8
 54 54.9 46.9 70.3

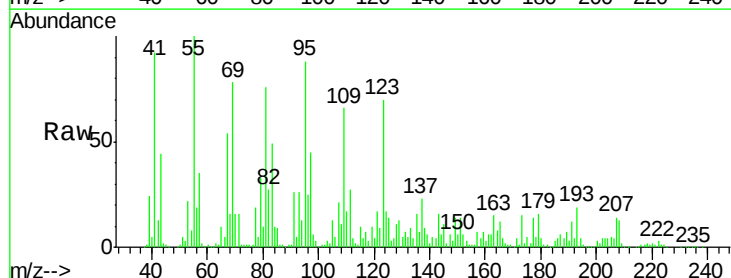


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

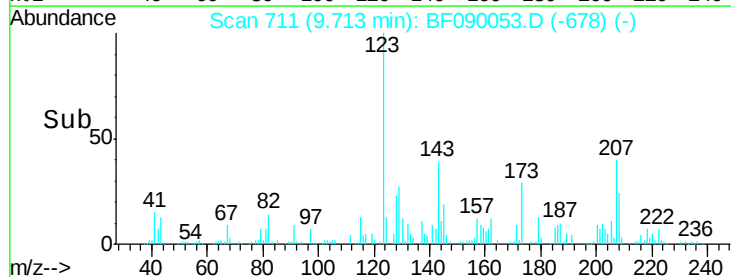
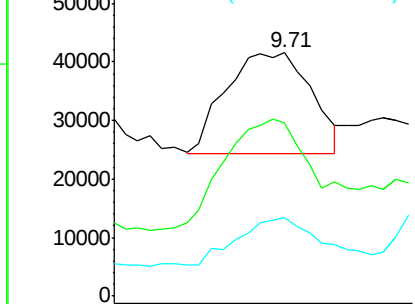


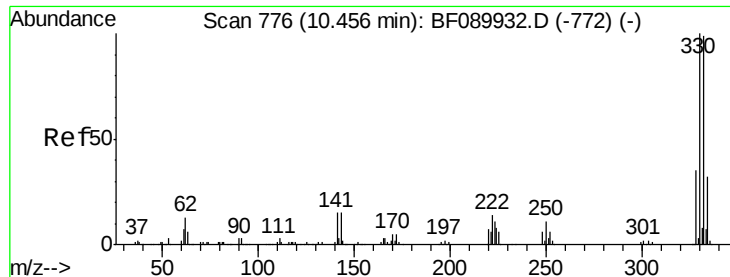
#38
 Acenaphthene-d10
 Concen: 20.00 ng m
 RT: 9.71 min Scan# 711
 Delta R.T. 0.08 min
 Lab File: BF090053.D
 Acq: 9 Sep 2016 18:25

Tgt Ion: 164 Resp: 94491
 Ion Ratio Lower Upper
 164 100
 162 71.0 77.1 115.7#
 160 32.2 35.3 52.9#



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

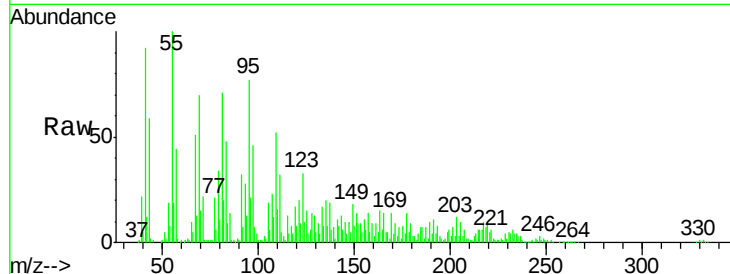




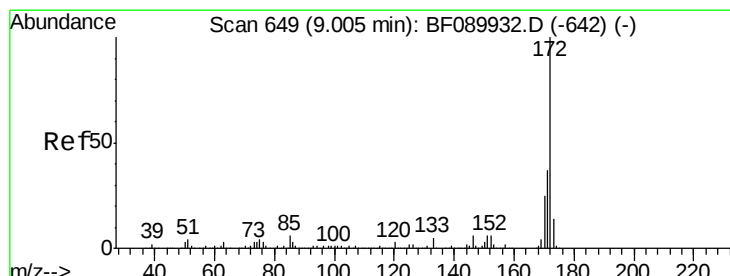
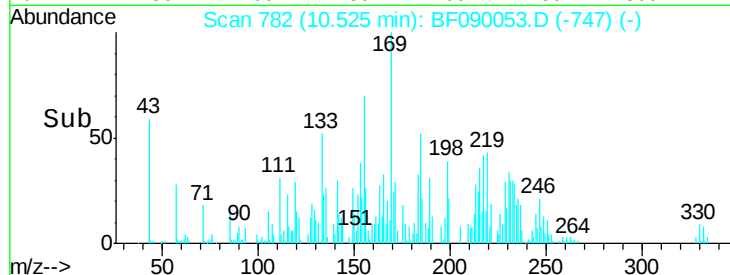
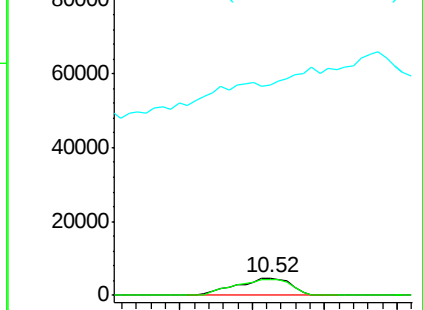
#41
 2,4,6-Tribromophenol
 Concen: 26.00 ng m
 RT: 10.52 min Scan# 782
 Delta R.T. 0.10 min
 Lab File: BF090053.D
 Acq: 9 Sep 2016 18:25

Instrument :
 BNA_F
 ClientSampleId :
 SS-TRANSFORMER-POLE44228RE

Tgt Ion:330 Resp: 24235
 Ion Ratio Lower Upper
 330 100
 332 0.0 78.6 117.8#
 141 0.0 23.3 34.9#

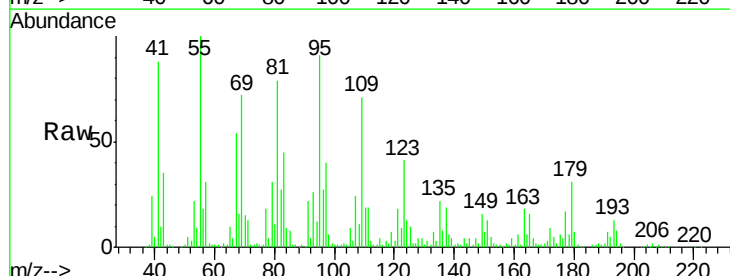


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

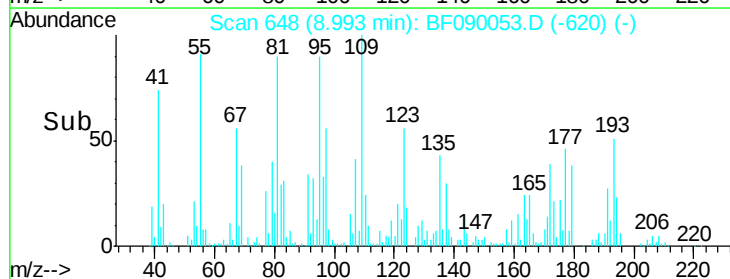
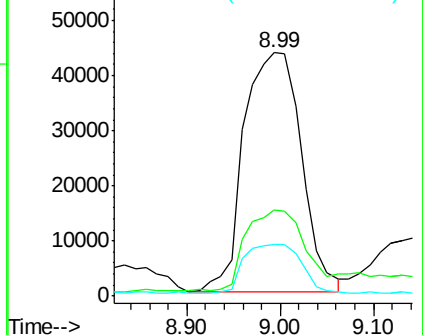


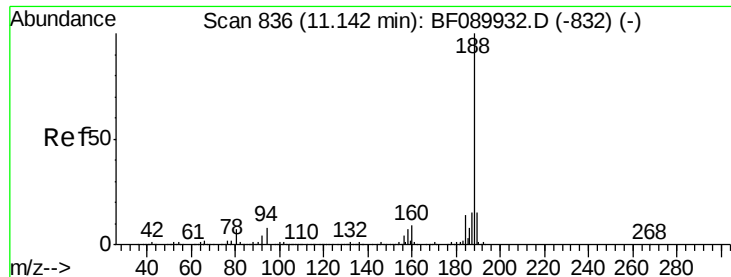
#44
 2-Fluorobiphenyl
 Concen: 32.22 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.02 min
 Lab File: BF090053.D
 Acq: 9 Sep 2016 18:25

Tgt Ion:172 Resp: 185493
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.4 44.2
 170 21.3 20.1 30.1



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

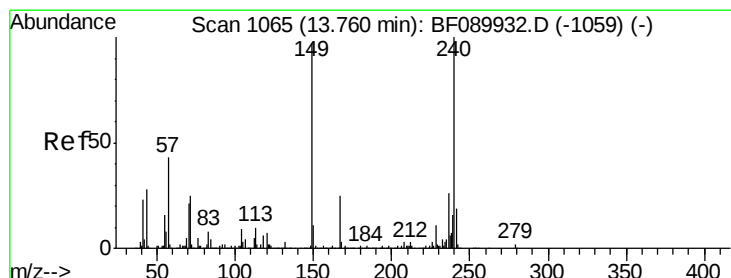
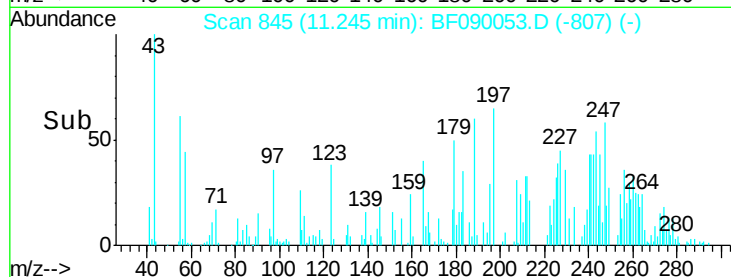
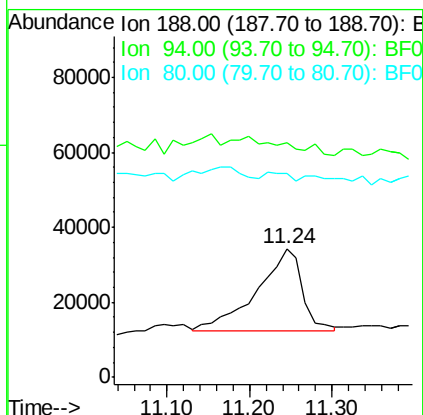
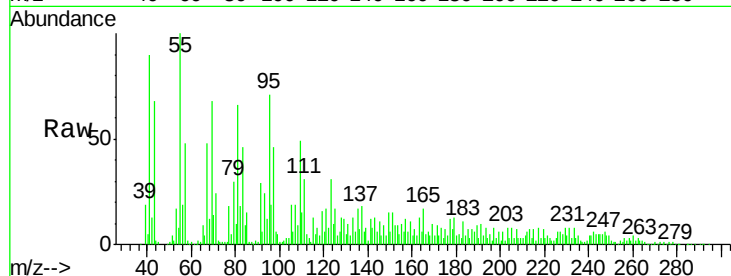




#63
Phenanthrene-d10
Concen: 20.00 ng m
RT: 11.24 min Scan# 845
Delta R.T. 0.14 min
Lab File: BF090053.D
Acq: 9 Sep 2016 18:25

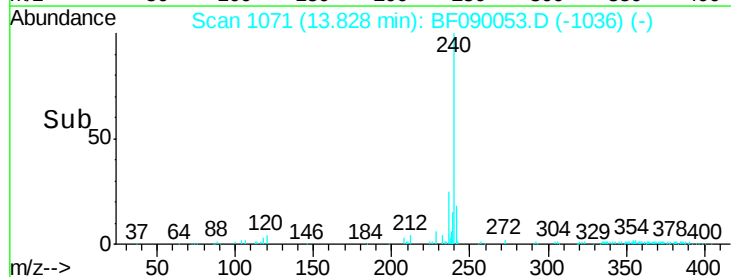
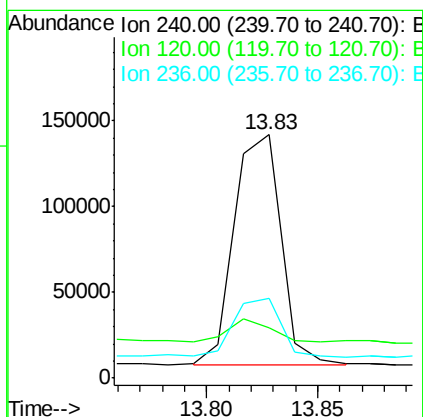
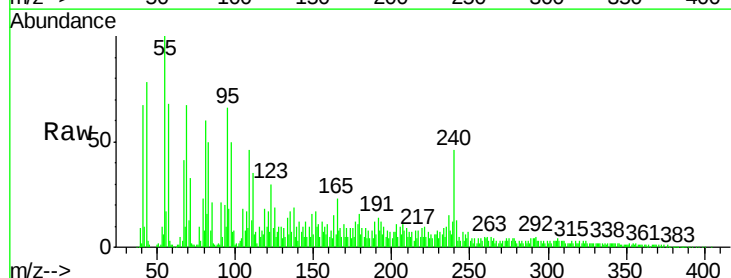
Instrument :
BNA_F
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SS-TRANSFORMER-POLE44228RE

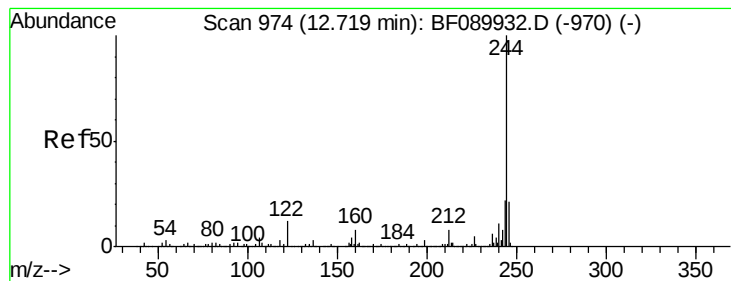
Tgt Ion:188 Resp: 82852
Ion Ratio Lower Upper
188 100
94 182.2 5.9 8.9#
80 158.5 5.8 8.8#



#75
Chrysene-d12
Concen: 20.00 ng m
RT: 13.83 min Scan# 1071
Delta R.T. 0.10 min
Lab File: BF090053.D
Acq: 9 Sep 2016 18:25

Tgt Ion:240 Resp: 195474
Ion Ratio Lower Upper
240 100
120 20.9 5.7 8.5#
236 32.9 21.3 31.9#





#78

Terphenyl-d14

Concen: 9.62 ng m

RT: 12.82 min Scan# 983

Delta R.T. 0.14 min

Lab File: BF090053.D

Acq: 9 Sep 2016 18:25

Instrument :

BNA_F

ClientSampleId :

SS-TRANSFORMER-POLE44228RE

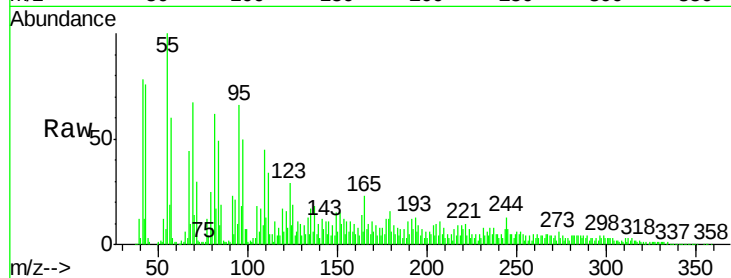
Tgt Ion:244 Resp: 76133

Ion Ratio Lower Upper

244 100

212 21.5 6.1 9.1#

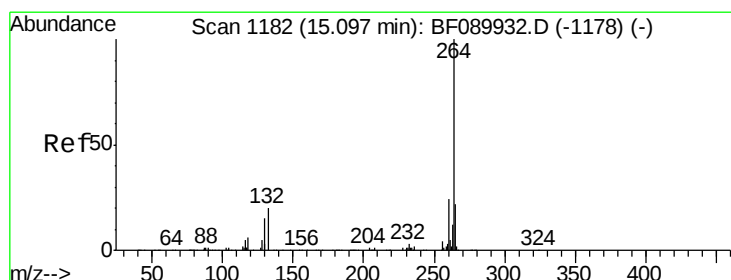
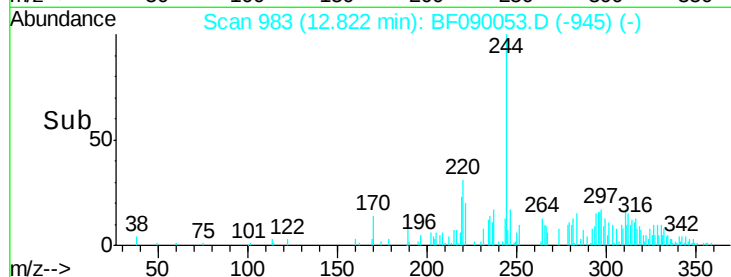
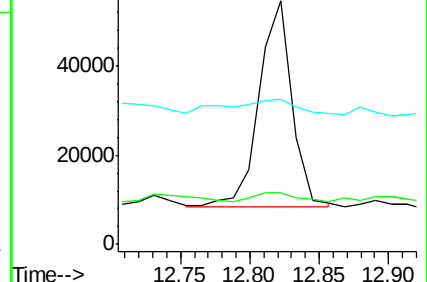
122 59.7 9.6 14.4#



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 m

RT: 15.11 min Scan# 1183

Delta R.T. 0.05 min

Lab File: BF090053.D

Acq: 9 Sep 2016 18:25

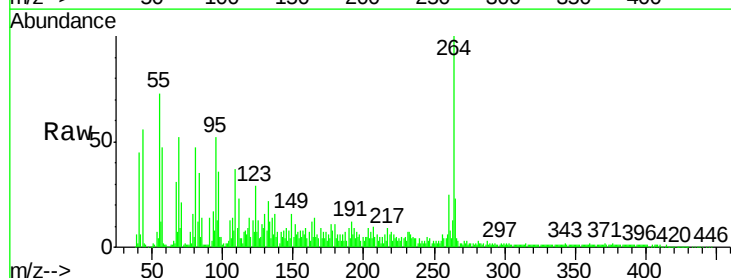
Tgt Ion:264 Resp: 275557

Ion Ratio Lower Upper

264 100

260 25.5 19.4 29.0

265 23.4 17.4 26.2



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

