

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089485.D
 Acq On : 31 Jul 2016 22:18
 Operator : UM/SJ
 Sample : H4251-10 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KSS-3

Quant Time: Aug 01 06:48:18 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 04:11:30 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	34094	20.00	ng	-0.01
21) Naphthalene-d8	7.78	136	122041	20.00	ng	-0.01
38) Acenaphthene-d10	9.52	164	50264	20.00	ng	-0.01
63) Phenanthrene-d10	10.99	188	95151	20.00	ng	-0.01
75) Chrysene-d12	13.61	240	98022	20.00	ng	-0.01
86) Perylene-d12	14.95	264	69875	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	4220	1.98	ng	0.02
7) Phenol-d6	6.17	99	8357	2.96	ng	0.00
23) Nitrobenzene-d5	7.07	82	4033	1.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.31	330	1088	2.61	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	9797	2.86	ng	-0.01
78) Terphenyl-d14	12.57	244	10409	2.49	ng	-0.01

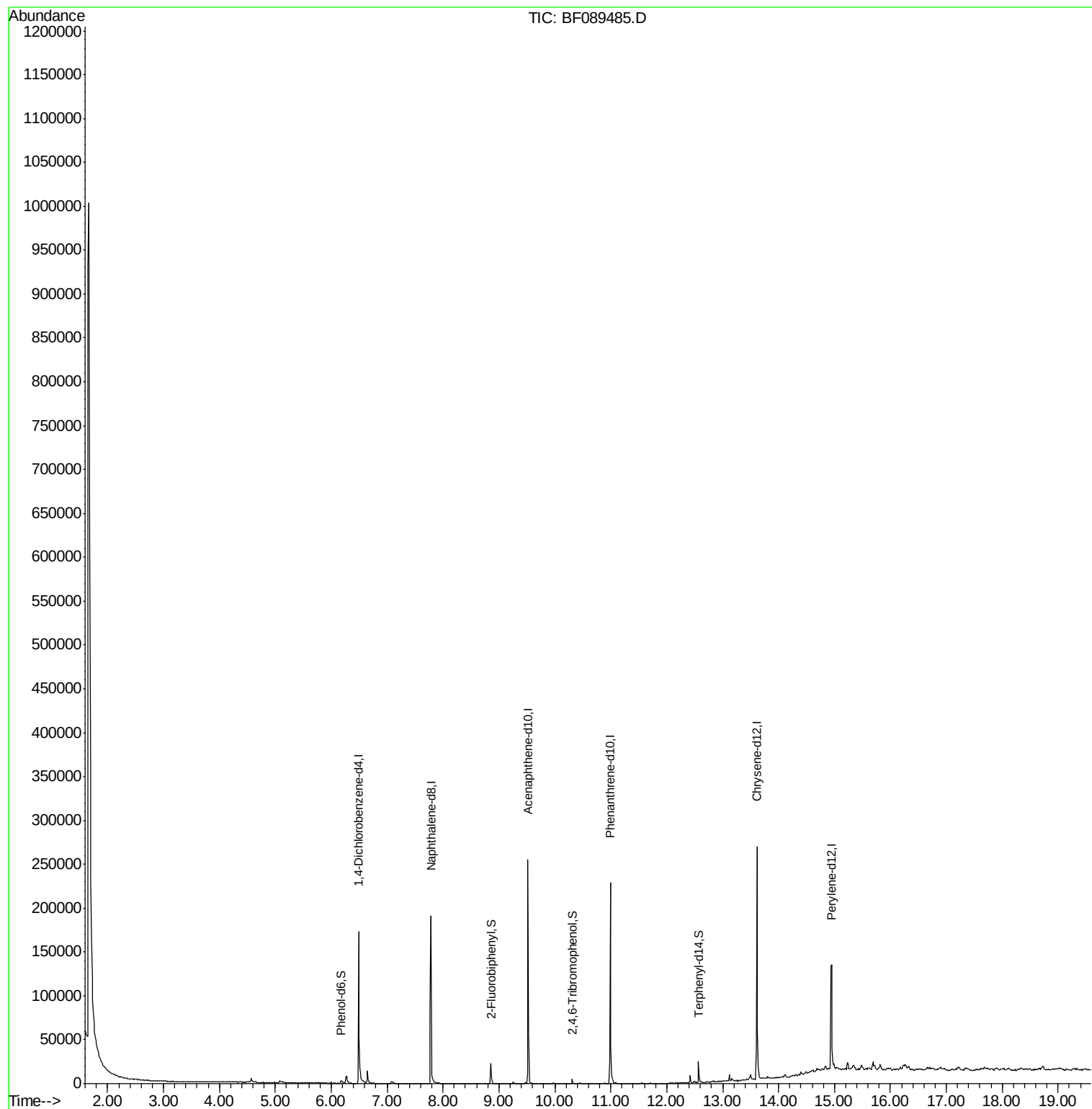
Target Compounds Qvalue

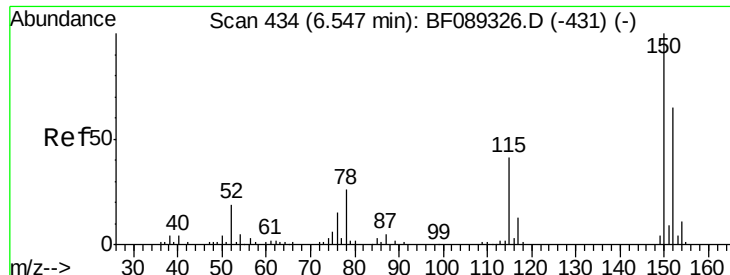
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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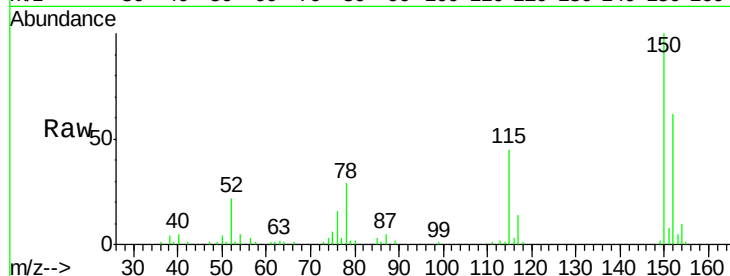


#1

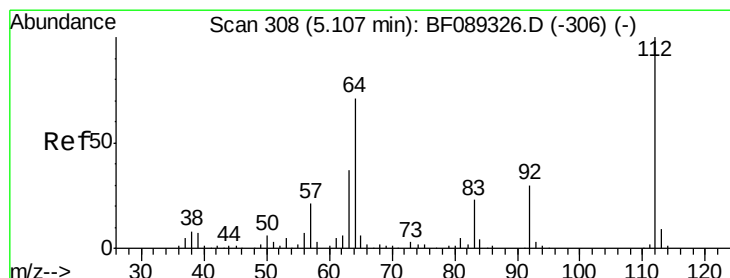
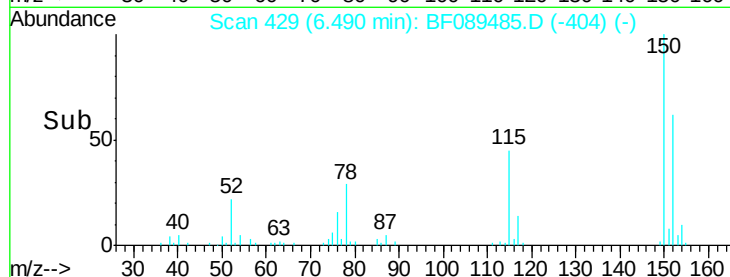
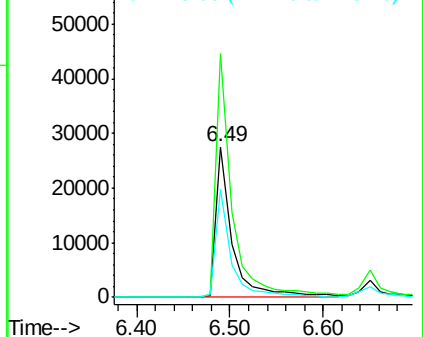
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF089485.D
Acq: 31 Jul 2016 22:18

Instrument :
BNA_F
ClientSampleId :
KSS-3

Tot Ion:152 Resp: 34094
Ion Ratio Lower Upper
152 100
150 161.7 129.5 194.3
115 72.0 51.4 77.2



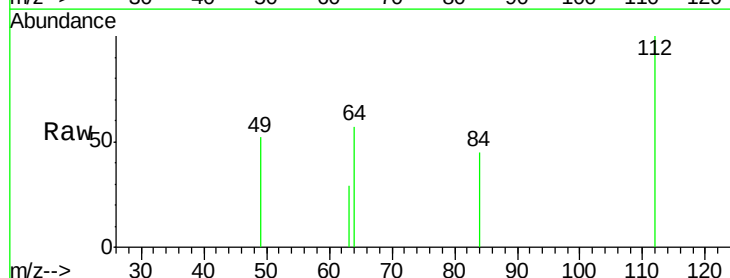
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



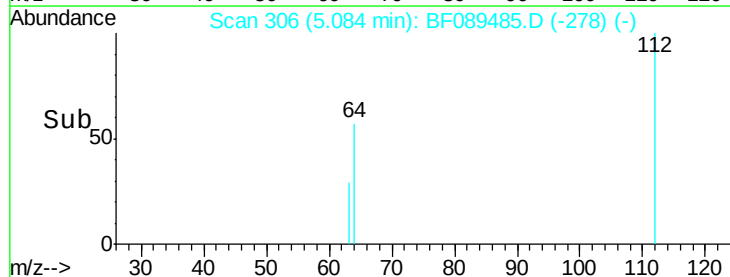
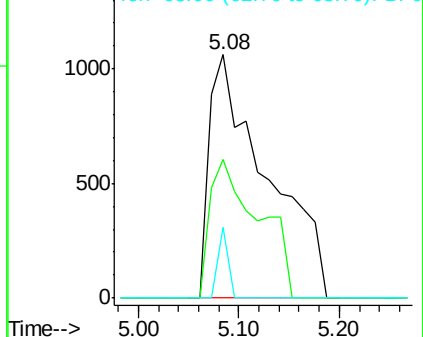
#5

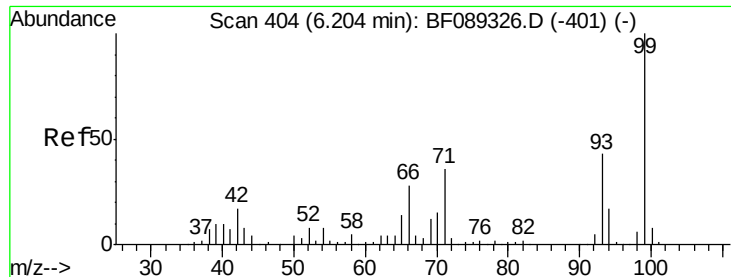
2-Fluorophenol
Concen: 1.98 ng
RT: 5.08 min Scan# 306
Delta R.T. 0.02 min
Lab File: BF089485.D
Acq: 31 Jul 2016 22:18

Tgt Ion:112 Resp: 4220
Ion Ratio Lower Upper
112 100
64 57.0 55.0 82.6
63 29.2 29.4 44.2#



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: 2.96 ng

RT: 6.17 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF089485.D

Acq: 31 Jul 2016 22:18

Instrument :

BNA_F

ClientSampled :

KSS-3

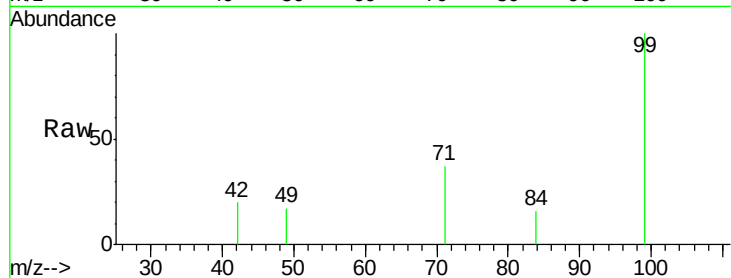
Tot Ion: 99 Resp: 8357

Ion Ratio Lower Upper

99 100

42 19.6 13.6 20.4

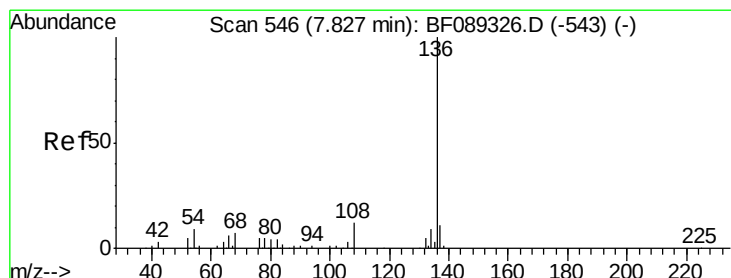
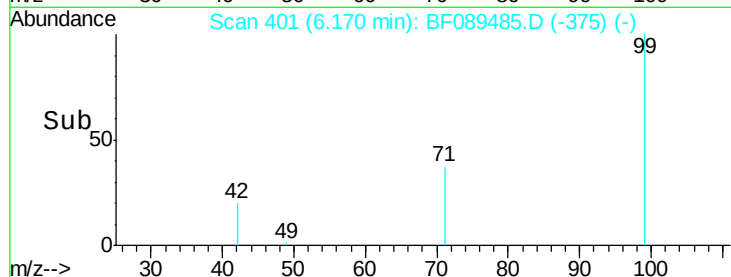
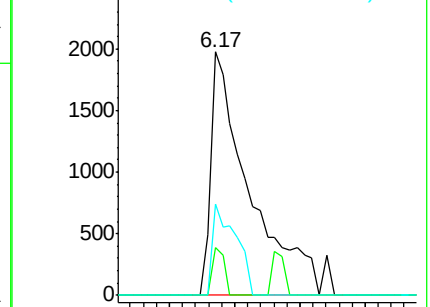
71 37.3 29.4 44.2



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: 7.78 min Scan# 542

Delta R.T. -0.01 min

Lab File: BF089485.D

Acq: 31 Jul 2016 22:18

Tgt Ion: 136 Resp: 122041

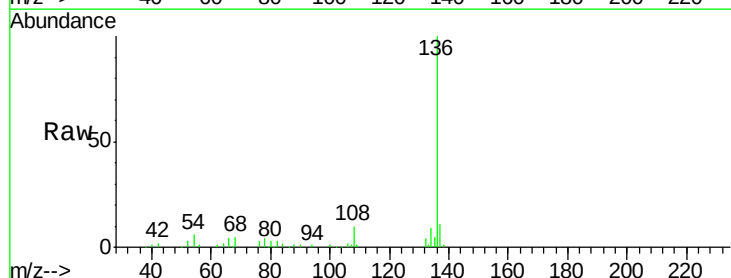
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 5.9 7.0 10.4#

68 4.8 4.9 7.3#

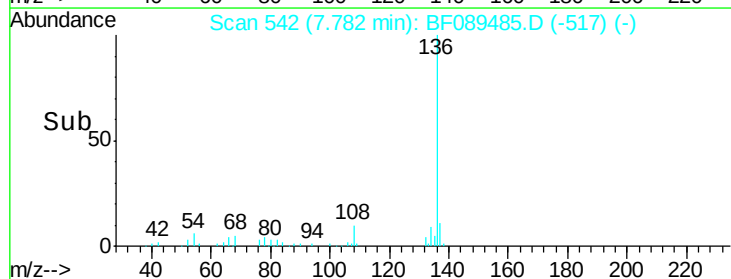
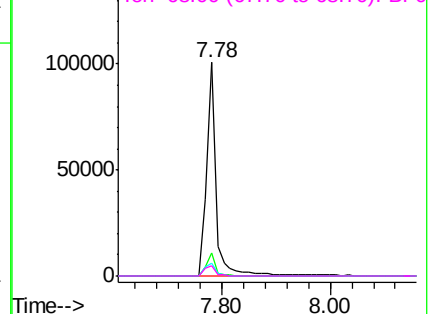


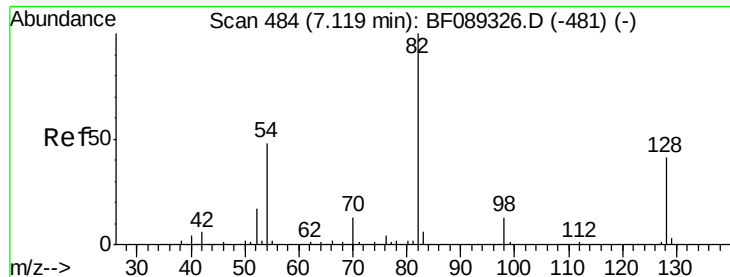
Abundance Ion 136.00 (135.70 to 136.70): E

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

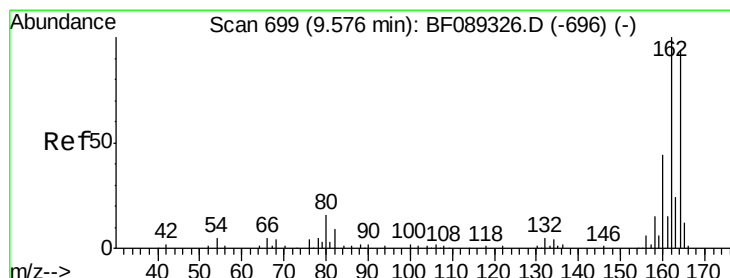
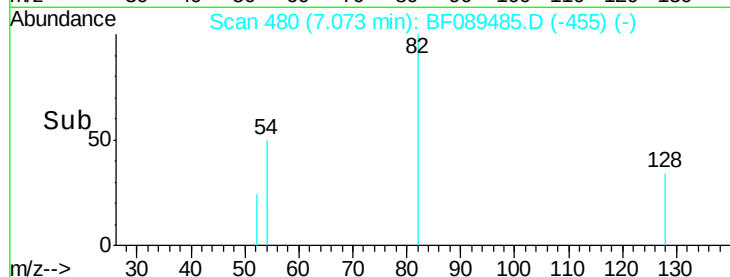
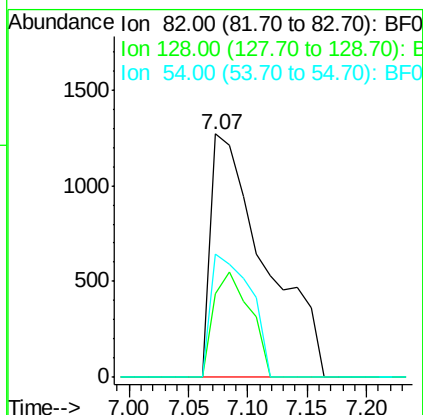
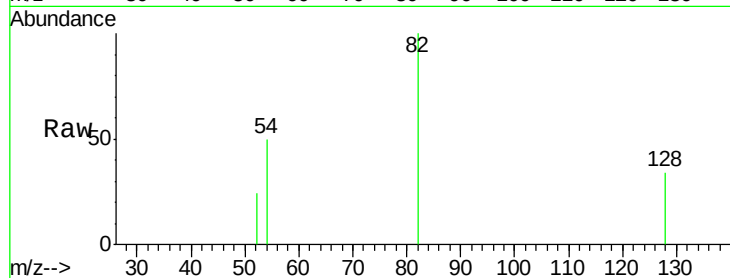




#23
 Nitrobenzene-d5
 Concen: 1.95 ng
 RT: 7.07 min Scan# 480
 Delta R.T. -0.01 min
 Lab File: BF089485.D
 Acq: 31 Jul 2016 22:18

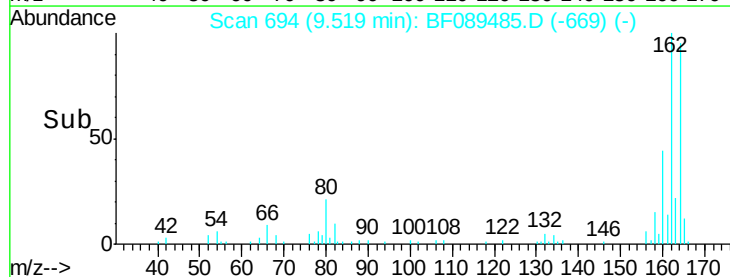
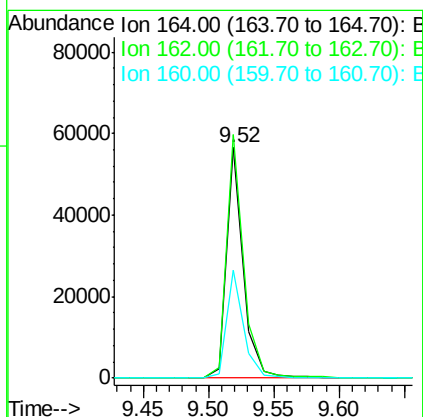
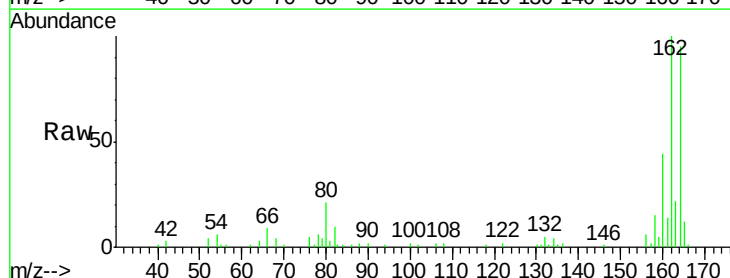
Instrument :
 BNA_F
 ClientSampleId :
 KSS-3

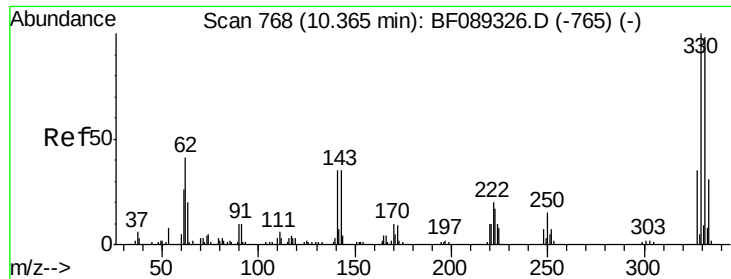
Tot Ion: 82 Resp: 4033
 Ion Ratio Lower Upper
 82 100
 128 34.4 32.5 48.7
 54 50.4 38.8 58.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 694
 Delta R.T. -0.01 min
 Lab File: BF089485.D
 Acq: 31 Jul 2016 22:18

Tgt Ion: 164 Resp: 50264
 Ion Ratio Lower Upper
 164 100
 162 105.6 83.7 125.5
 160 46.7 37.8 56.6

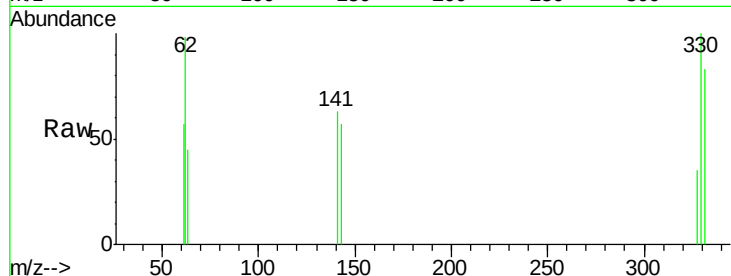




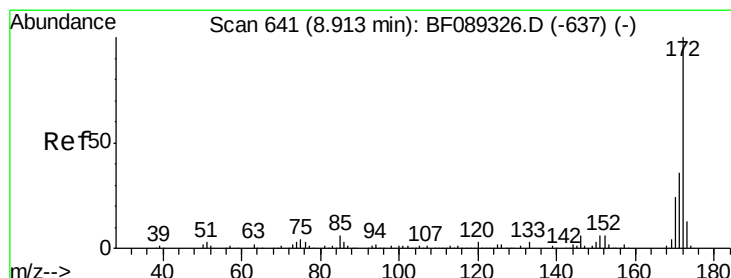
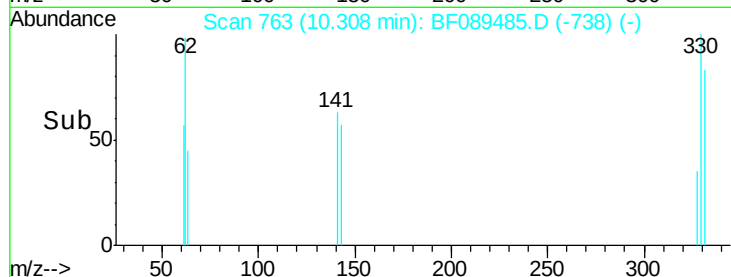
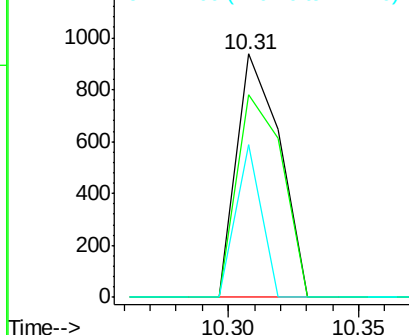
#41
 2,4,6-Tribromophenol
 Concen: 2.61 ng
 RT: 10.31 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BF089485.D
 Acq: 31 Jul 2016 22:18

Instrument :
 BNA_F
 ClientSampleId :
 KSS-3

Tot Ion:330 Resp: 1088
 Ion Ratio Lower Upper
 330 100
 332 88.0 76.8 115.2
 141 37.0 37.3 55.9#

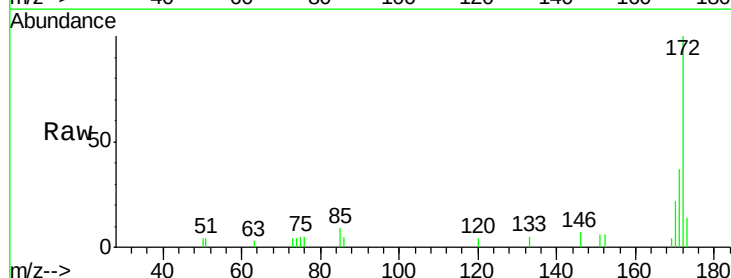


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

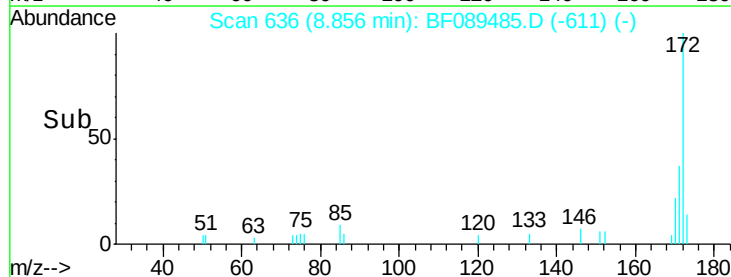
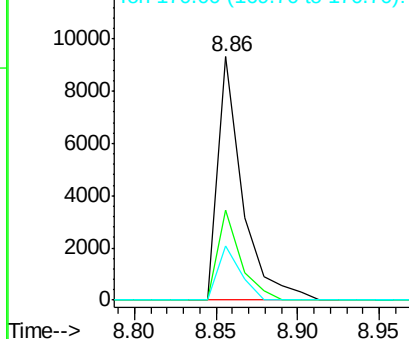


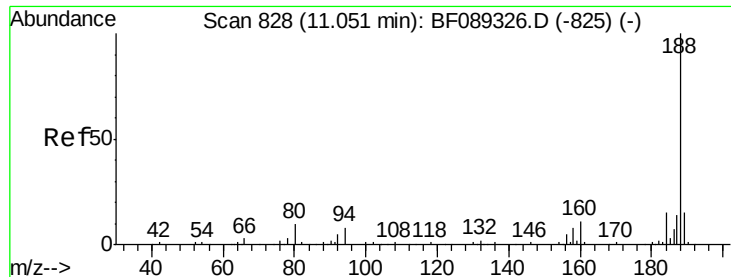
#44
 2-Fluorobiphenyl
 Concen: 2.86 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF089485.D
 Acq: 31 Jul 2016 22:18

Tgt Ion:172 Resp: 9797
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.2 43.8
 170 22.4 19.2 28.8



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

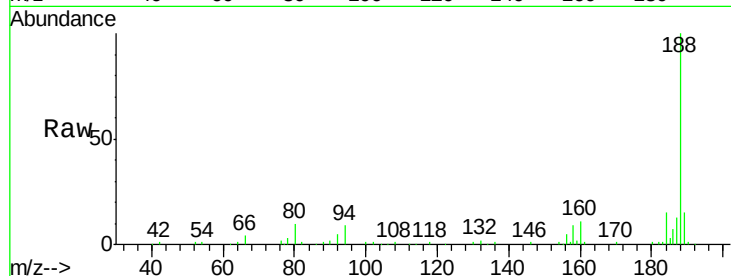




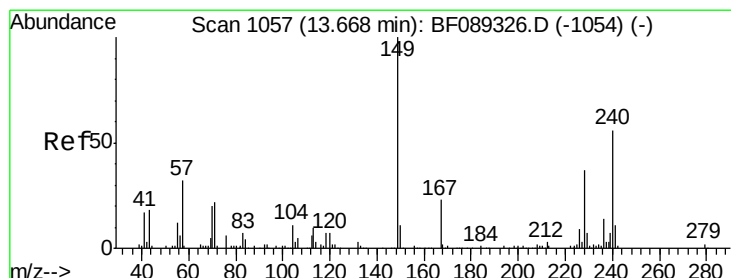
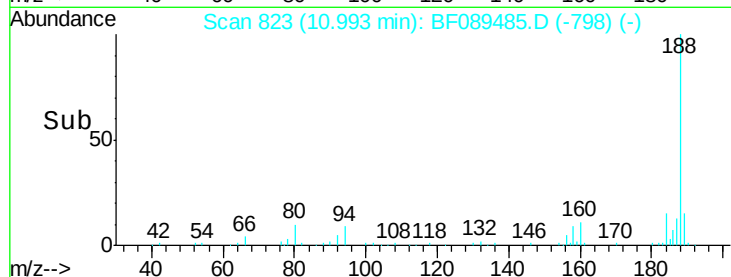
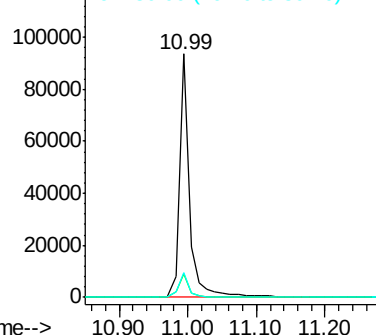
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF089485.D
Acq: 31 Jul 2016 22:18

Instrument :
BNA_F
ClientSampleId :
KSS-3

Tot Ion:188 Resp: 95151
Ion Ratio Lower Upper
188 100
94 9.5 6.5 9.7
80 10.0 7.2 10.8

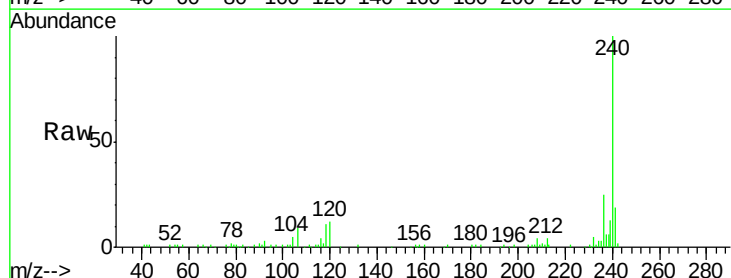


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

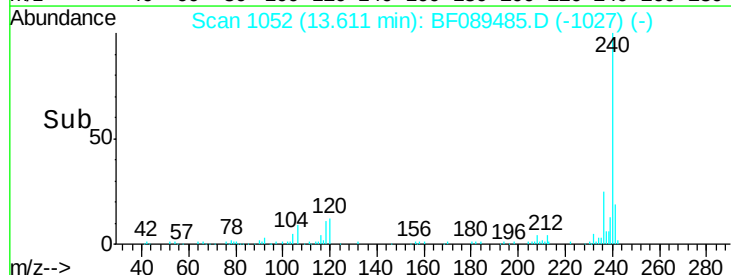
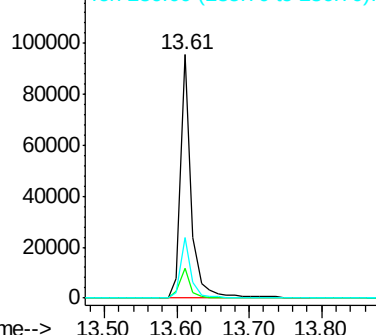


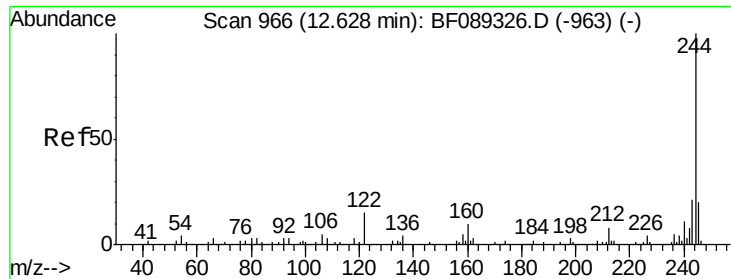
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.61 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF089485.D
Acq: 31 Jul 2016 22:18

Tgt Ion:240 Resp: 98022
Ion Ratio Lower Upper
240 100
120 12.4 9.1 13.7
236 25.0 20.6 30.8



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

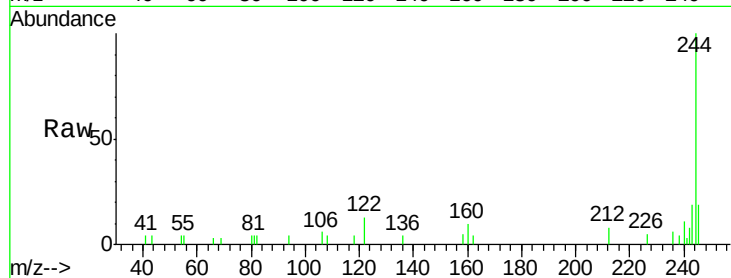




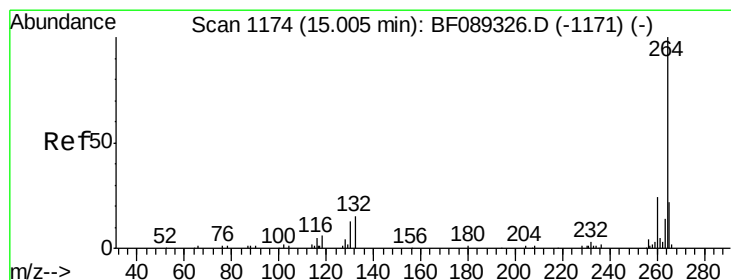
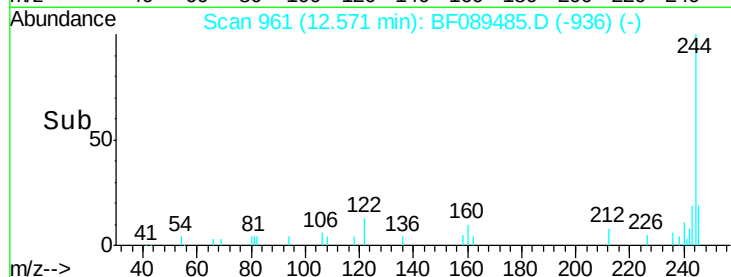
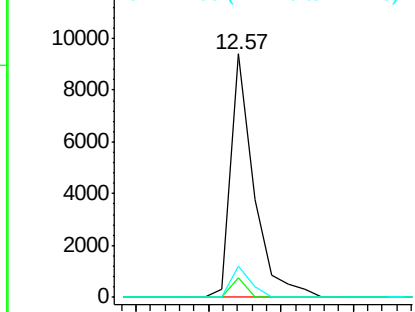
#78
 Terphenyl-d14
 Concen: 2.49 ng
 RT: 12.57 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BF089485.D
 Acq: 31 Jul 2016 22:18

Instrument :
 BNA_F
 ClientSampleID :
 KSS-3

Tot Ion:244 Resp: 10409
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 13.0 11.4 17.0

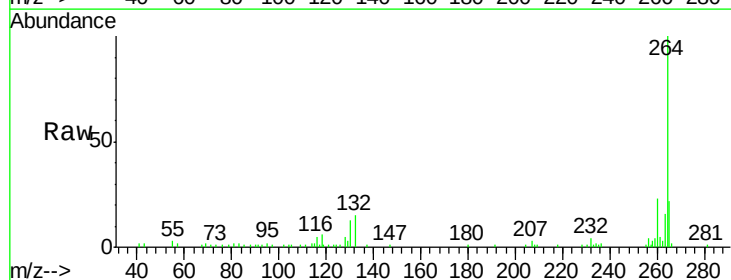


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.95 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BF089485.D
 Acq: 31 Jul 2016 22:18

Tgt Ion:264 Resp: 69875
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.4
 265 22.1 17.5 26.3



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

