

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087049.D
 Acq On : 15 May 2016 5:22
 Operator : UM/SJ
 Sample : H3052-04
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KBFIELDLANK2-5-9-16

Quant Time: May 16 06:45:24 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 16 05:03:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	131988	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	546706	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	265643	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	471084	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	353772	20.00	ng	-0.01
86) Perylene-d12	15.11	264	348783	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	475020	60.95	ng	0.00
7) Phenol-d6	6.27	99	367494	35.28	ng	-0.01
23) Nitrobenzene-d5	7.19	82	969901	89.08	ng	-0.01
41) 2,4,6-Tribromophenol	10.43	330	329800	117.27	ng	-0.01
44) 2-Fluorobiphenyl	8.98	172	1530710	96.84	ng	0.00
78) Terphenyl-d14	12.71	244	1251784	75.07	ng	0.00

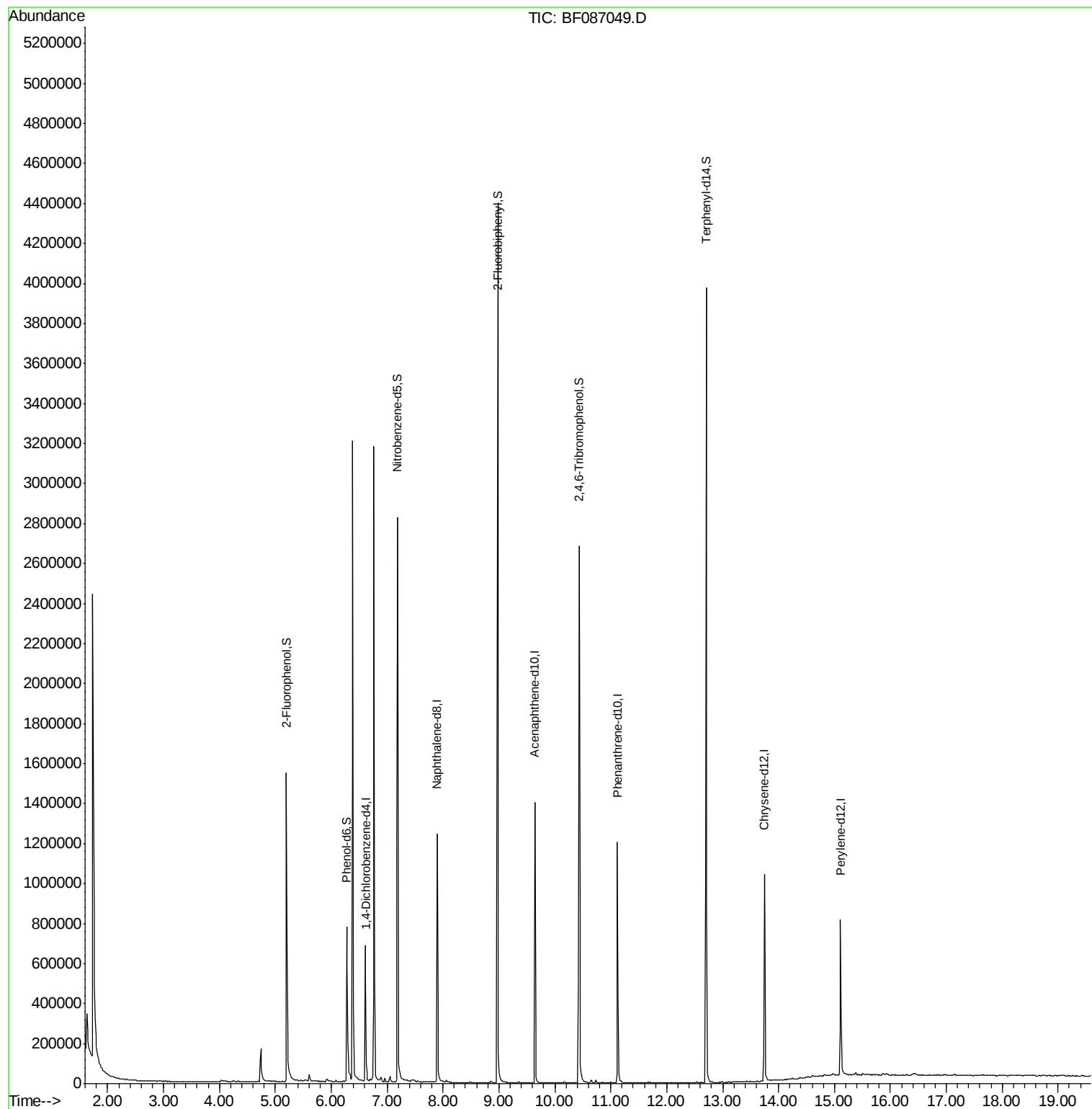
Target Compounds	Qvalue
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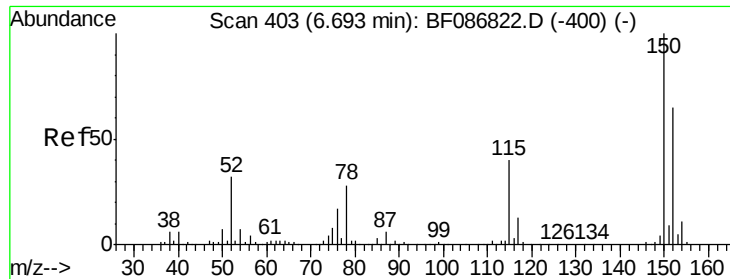
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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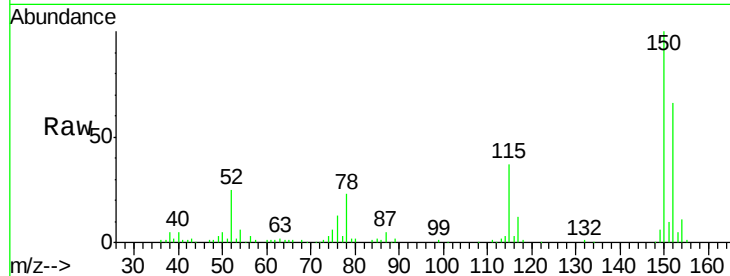




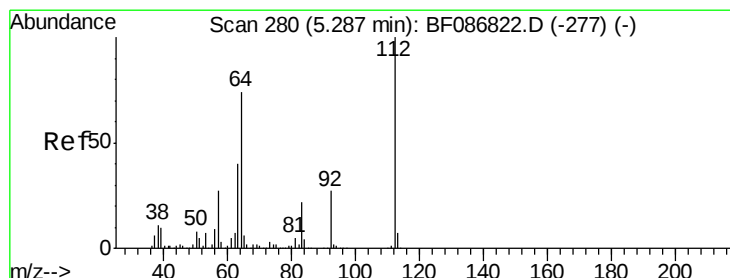
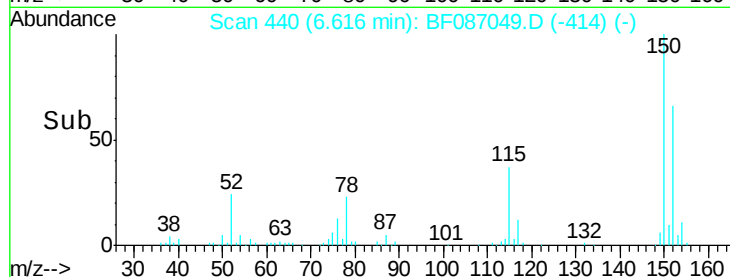
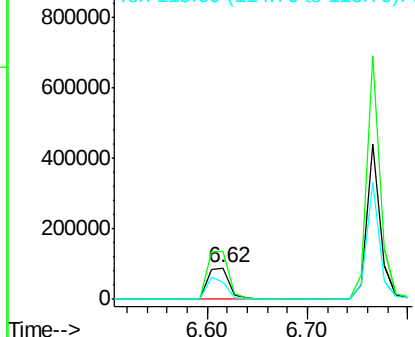
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.62 min Scan# 440
 Delta R.T. 0.00 min
 Lab File: BF087049.D
 Acq: 15 May 2016 5:22

Instrument :
 BNA_F
 ClientSampleId :
 KBFIELDBLANK2-5-9-16

Tgt Ion:152 Resp: 131988
 Ion Ratio Lower Upper
 152 100
 150 152.5 125.8 188.6
 115 56.2 51.5 77.3

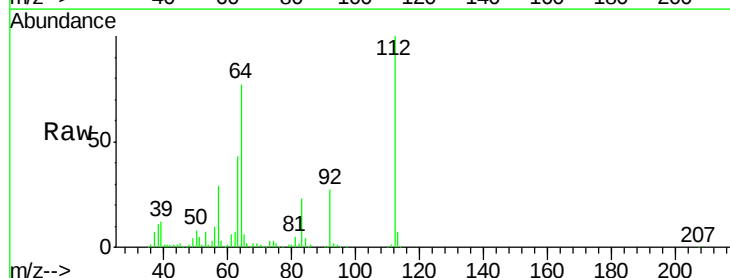


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

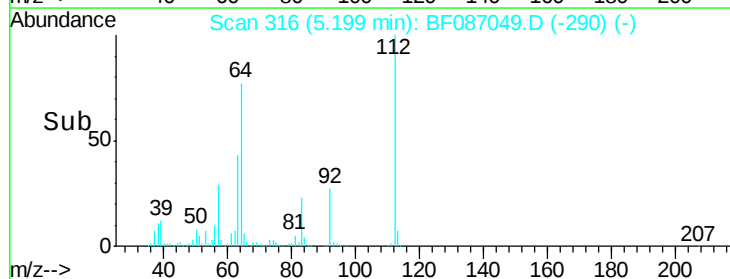
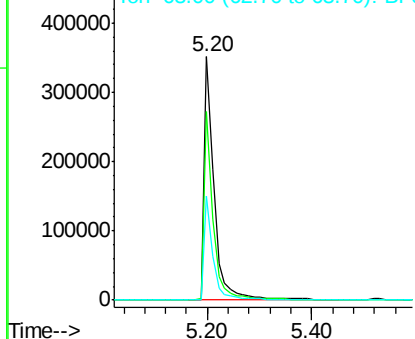


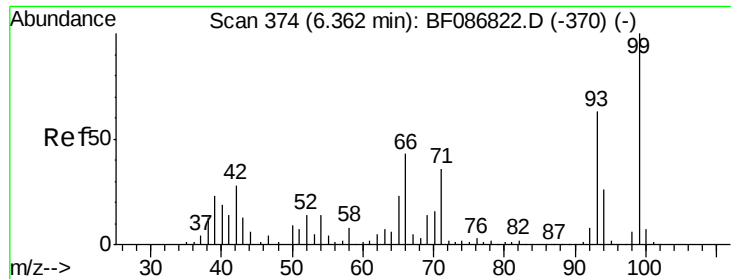
#5
 2-Fluorophenol
 Concen: 60.95 ng
 RT: 5.20 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: BF087049.D
 Acq: 15 May 2016 5:22

Tgt Ion:112 Resp: 475020
 Ion Ratio Lower Upper
 112 100
 64 77.3 52.1 78.1
 63 42.6 25.7 38.5#



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: 35.28 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF087049.D

Acq: 15 May 2016 5:22

Instrument :

BNA_F

ClientSampleId :

KBFIELDBLANK2-5-9-16

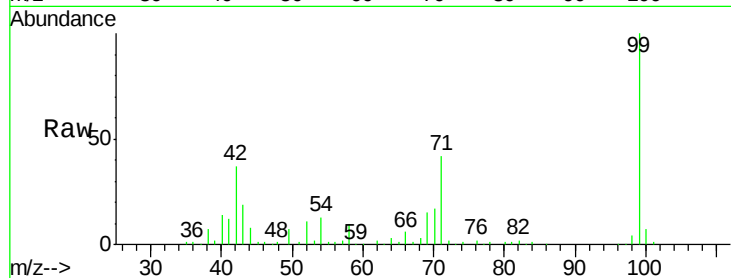
Tgt Ion: 99 Resp: 367494

Ion Ratio Lower Upper

99 100

42 36.5 13.6 20.4#

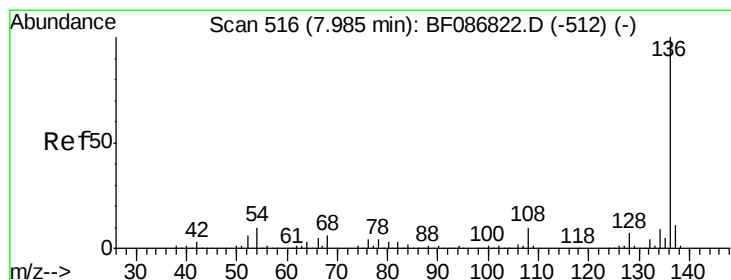
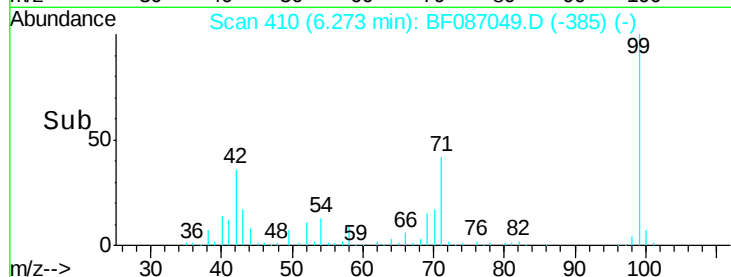
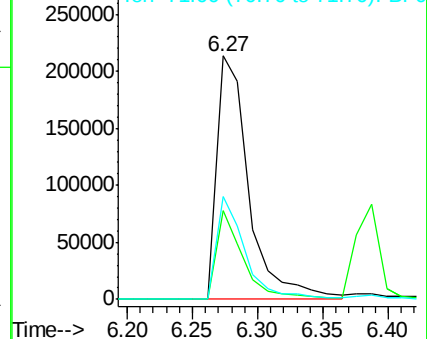
71 42.2 24.6 36.8#



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: 7.90 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF087049.D

Acq: 15 May 2016 5:22

Tgt Ion: 136 Resp: 546706

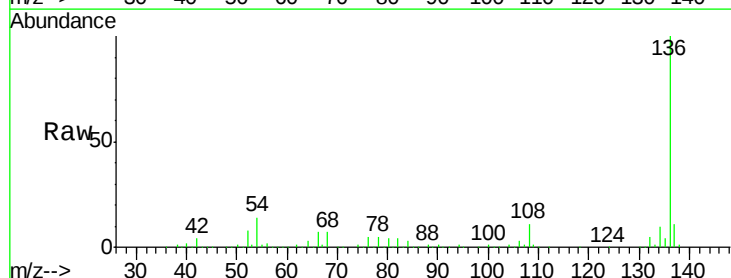
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 13.7 5.0 7.4#

68 7.1 4.4 6.6#

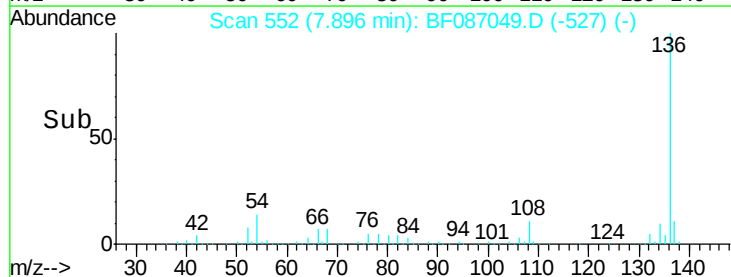
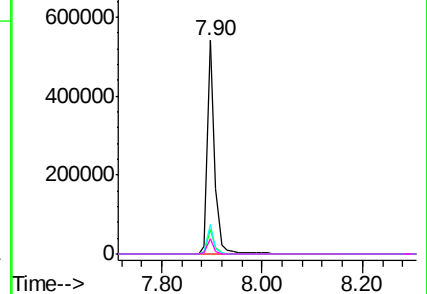


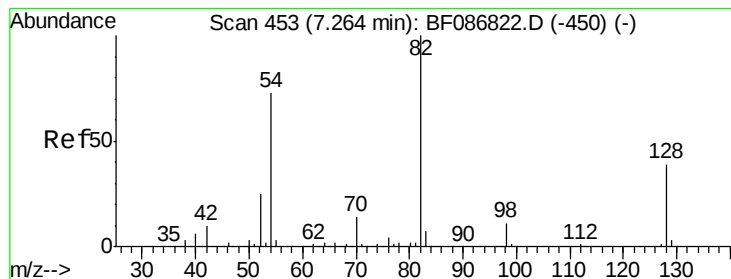
Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.08 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF087049.D

Acq: 15 May 2016 5:22

Instrument :

BNA_F

ClientSampleId :

KBFIELDBLANK2-5-9-16

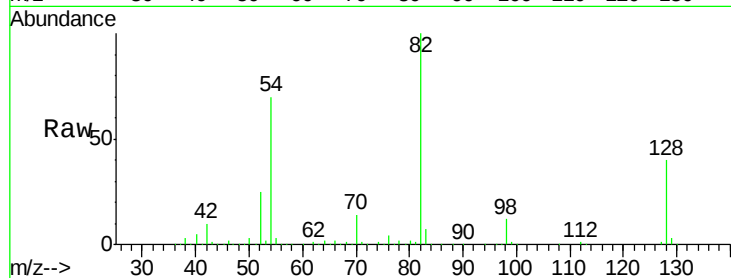
Tgt Ion: 82 Resp: 969901

Ion Ratio Lower Upper

82 100

128 39.6 40.6 61.0#

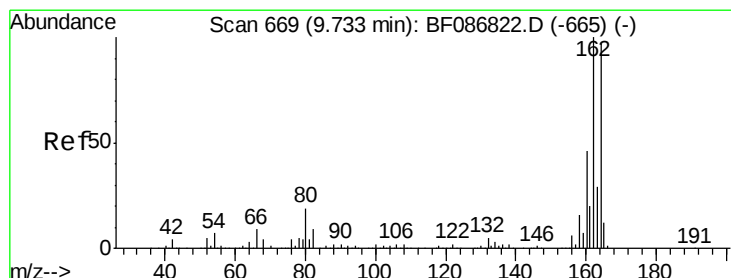
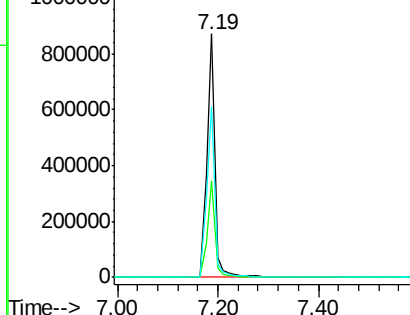
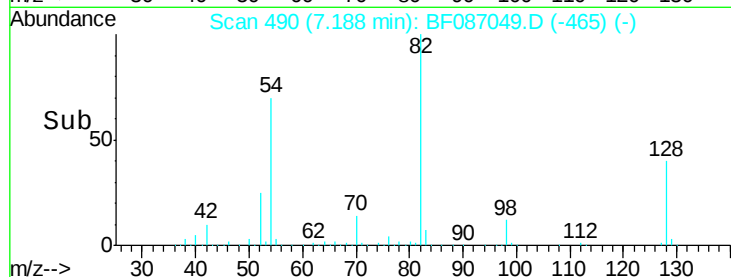
54 70.0 38.1 57.1#



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: 9.64 min Scan# 705

Delta R.T. -0.01 min

Lab File: BF087049.D

Acq: 15 May 2016 5:22

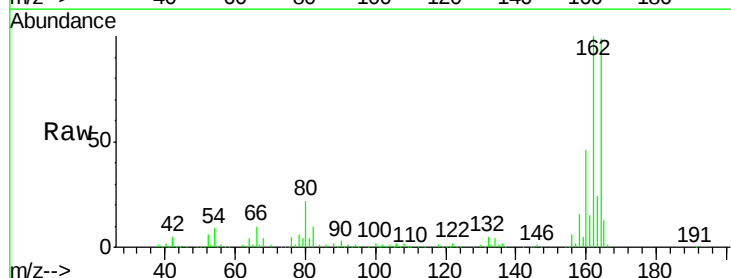
Tgt Ion: 164 Resp: 265643

Ion Ratio Lower Upper

164 100

162 100.8 82.8 124.2

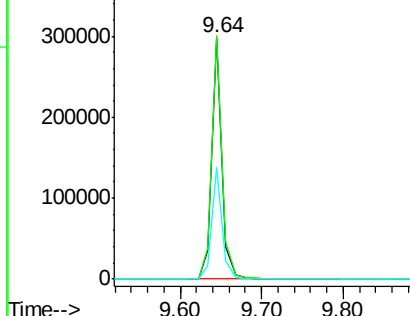
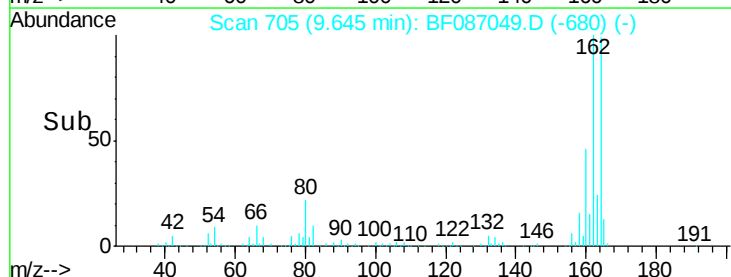
160 46.0 36.9 55.3

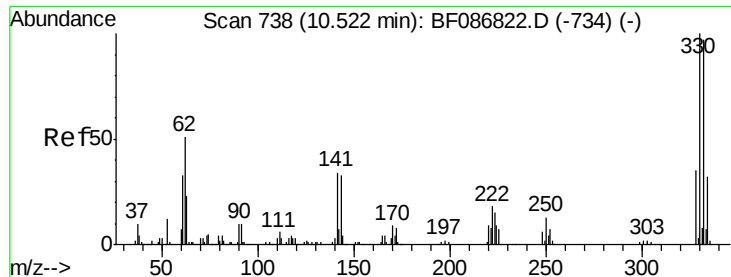


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

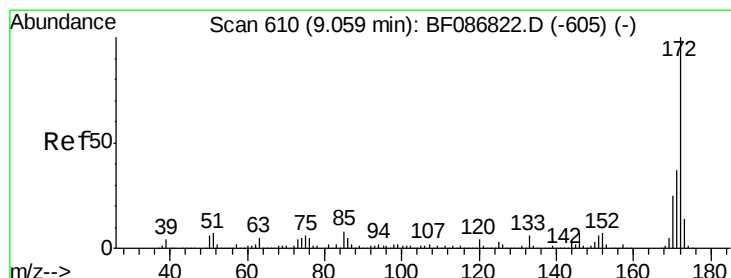
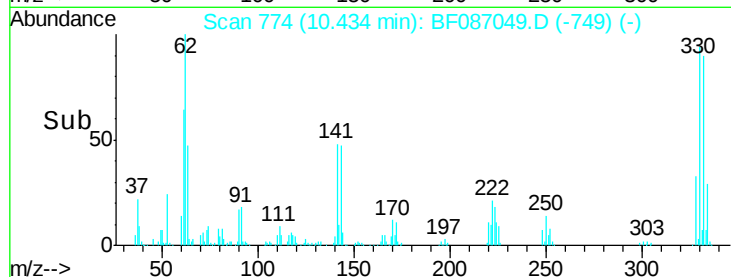
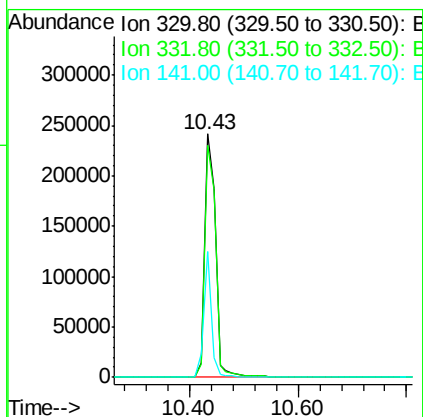
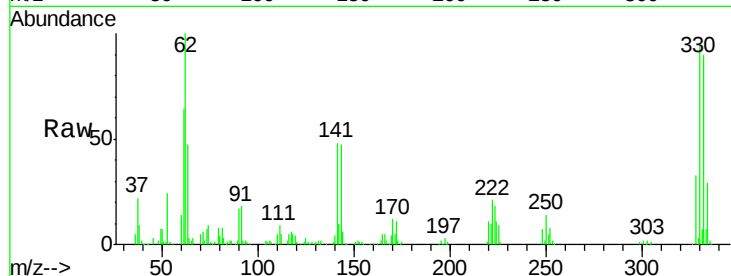




#41
 2,4,6-Tribromophenol
 Concen: 117.27 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BF087049.D
 Acq: 15 May 2016 5:22

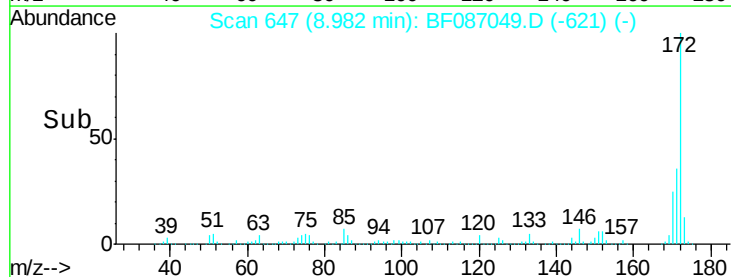
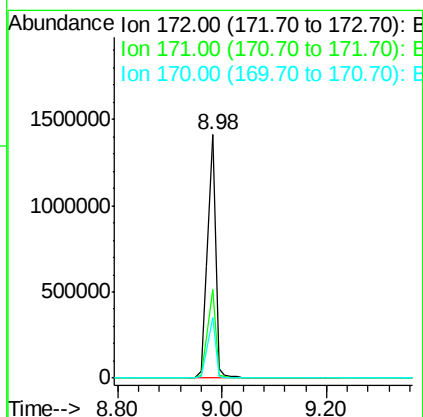
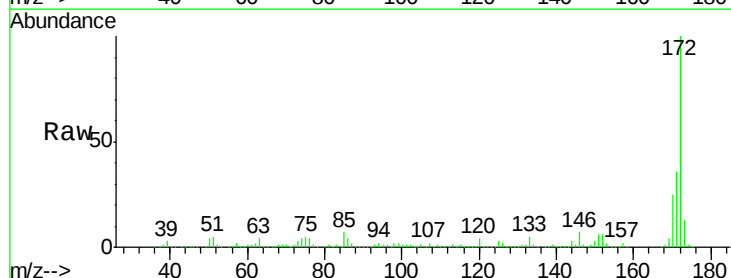
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 KBFIELDBLANK2-5-9-16

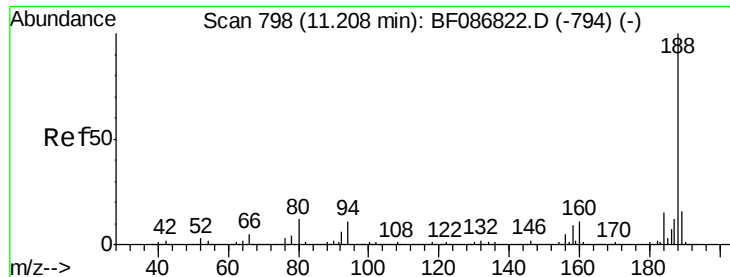
Tgt Ion:330 Resp: 329800
 Ion Ratio Lower Upper
 330 100
 332 96.7 79.0 118.4
 141 37.0 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 96.84 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF087049.D
 Acq: 15 May 2016 5:22

Tgt Ion:172 Resp: 1530710
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.6
 170 24.6 19.8 29.8

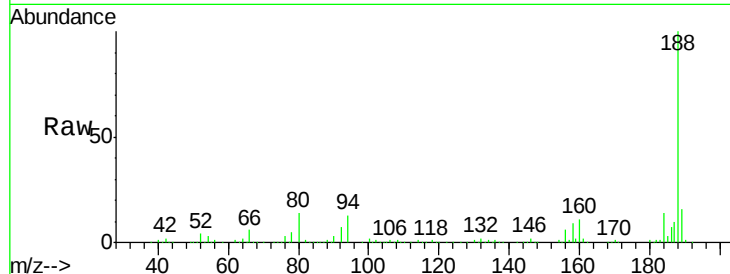




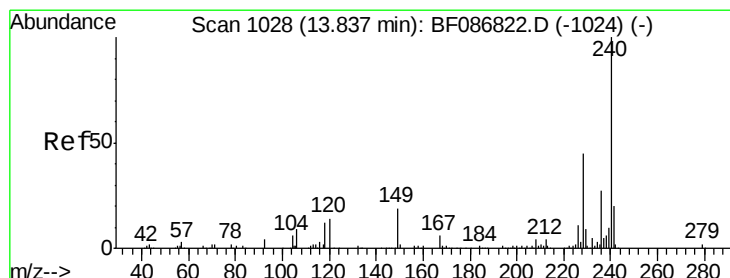
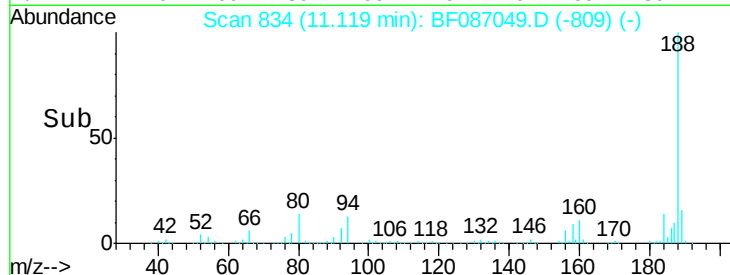
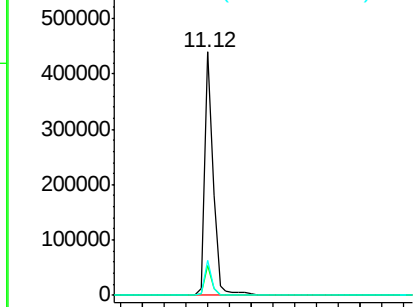
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF087049.D
Acq: 15 May 2016 5:22

Instrument :
BNA_F
ClientSampleId :
KBFIELDBLANK2-5-9-16

Tgt Ion:188 Resp: 471084
Ion Ratio Lower Upper
188 100
94 12.5 6.8 10.2#
80 14.2 7.1 10.7#

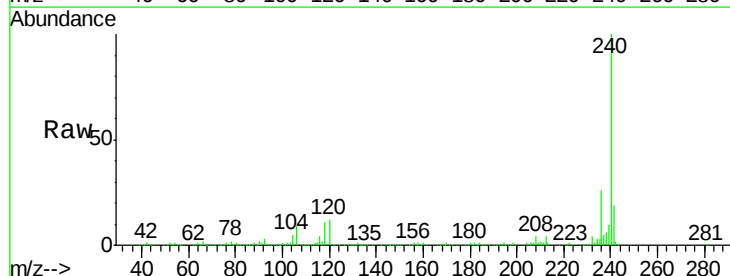


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

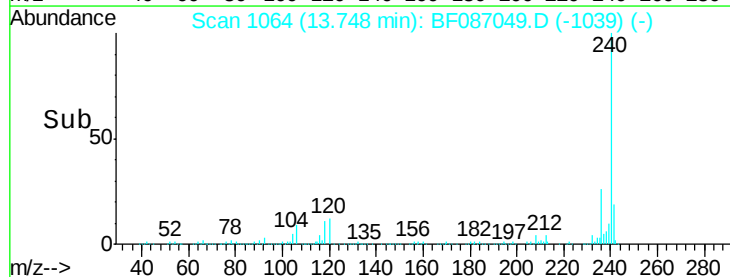
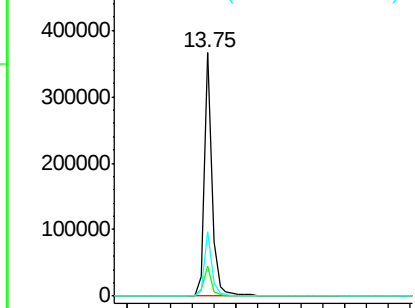


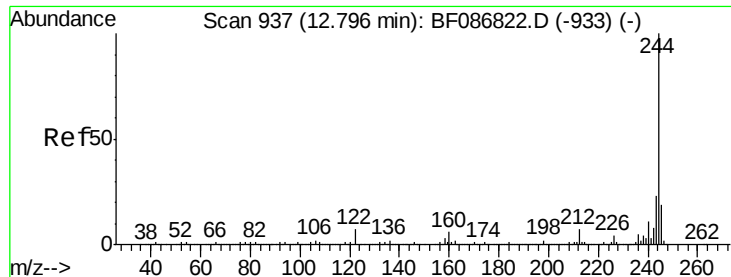
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF087049.D
Acq: 15 May 2016 5:22

Tgt Ion:240 Resp: 353772
Ion Ratio Lower Upper
240 100
120 12.2 11.2 16.8
236 26.4 21.2 31.8



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

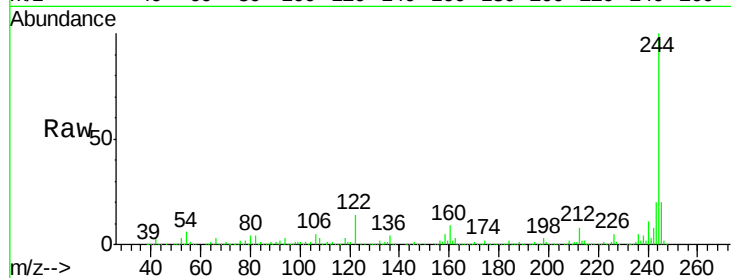




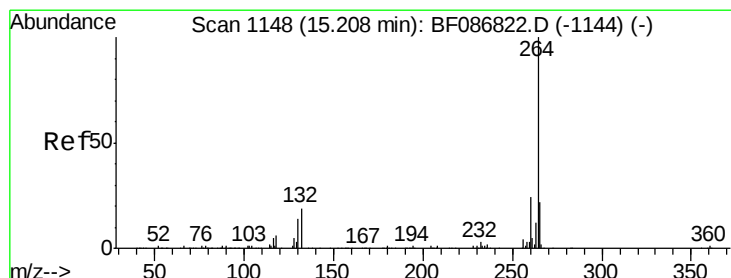
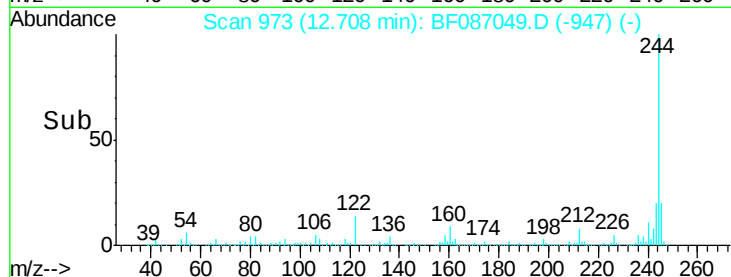
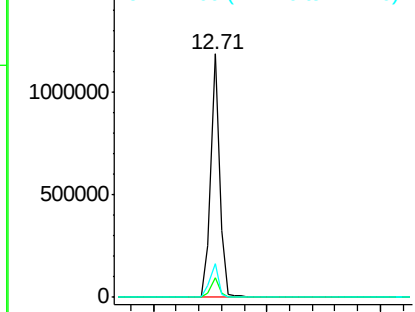
#78
 Terphenyl-d14
 Concen: 75.07 ng
 RT: 12.71 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: BF087049.D
 Acq: 15 May 2016 5:22

Instrument :
 BNA_F
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 KBFIELDBLANK2-5-9-16

Tgt Ion:244 Resp: 1251784
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.2 9.2
 122 14.1 12.0 18.0

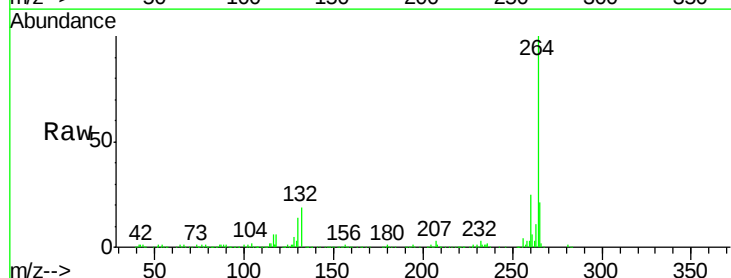


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF087049.D
 Acq: 15 May 2016 5:22

Tgt Ion:264 Resp: 348783
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 21.2 17.3 25.9



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

