

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101016\
 Data File : BF090485.D
 Acq On : 10 Oct 2016 17:52
 Operator : UM/SJ
 Sample : H5157-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Oct 10 19:02:35 2016
 Quant Method : \\Terastorage\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

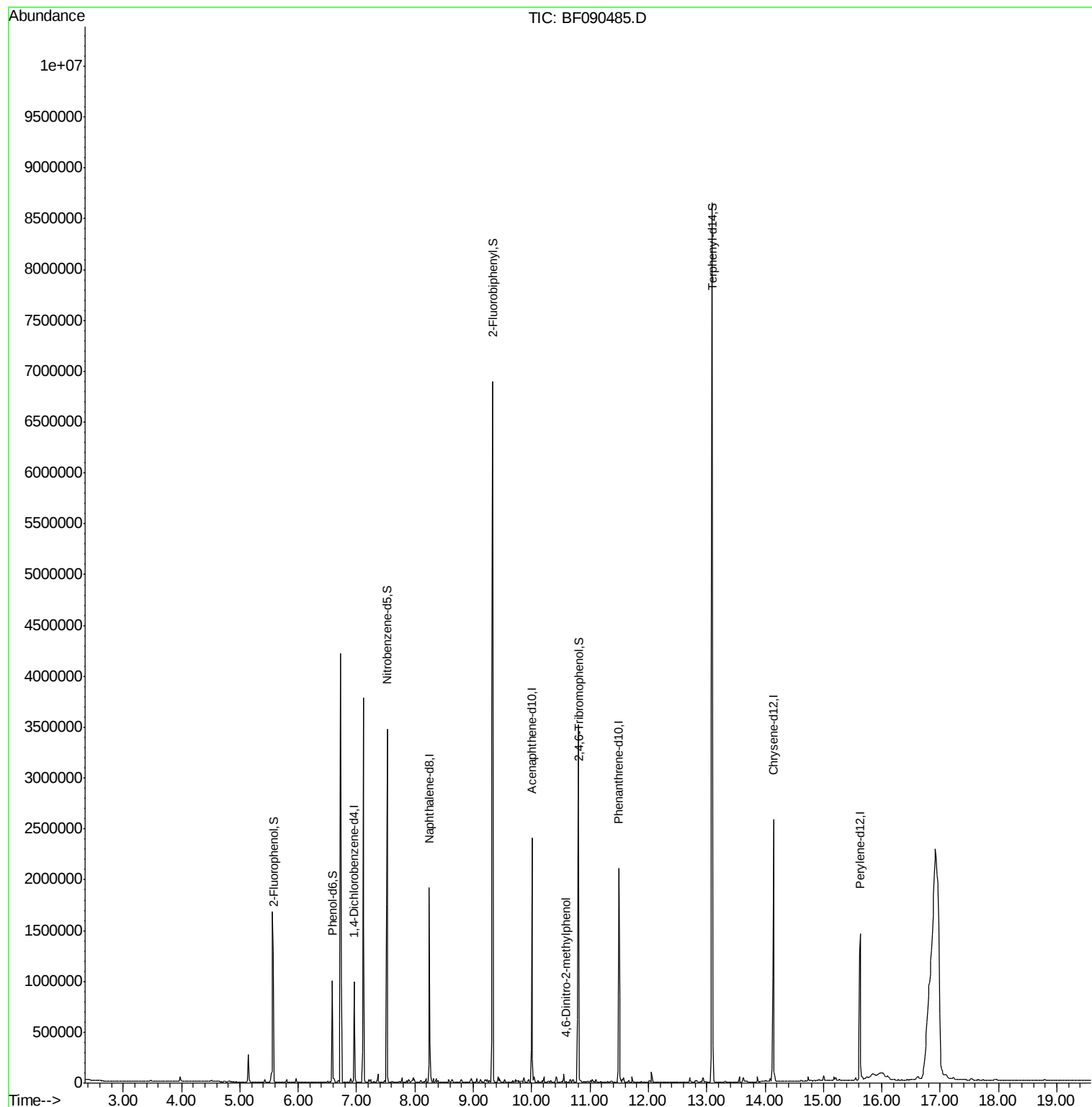
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	196973	20.00	ng	-0.05
21) Naphthalene-d8	8.25	136	827772	20.00	ng	-0.05
38) Acenaphthene-d10	10.01	164	459139	20.00	ng	-0.05
63) Phenanthrene-d10	11.49	188	807888	20.00	ng	-0.06
75) Chrysene-d12	14.14	240	895329	20.00	ng	-0.06
86) Perylene-d12	15.63	264	740925	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	633027	47.96	ng	-0.03
7) Phenol-d6	6.59	99	509417	29.47	ng	-0.03
23) Nitrobenzene-d5	7.53	82	1365126	80.22	ng	-0.05
41) 2,4,6-Tribromophenol	10.81	330	705330	188.92	ng	-0.05
44) 2-Fluorobiphenyl	9.33	172	2487464	90.27	ng	-0.05
78) Terphenyl-d14	13.09	244	2841335	71.35	ng	-0.05
Target Compounds						
64) 4,6-Dinitro-2-methylphenol	10.59	198	802	5.57	ng	Qvalue # 67

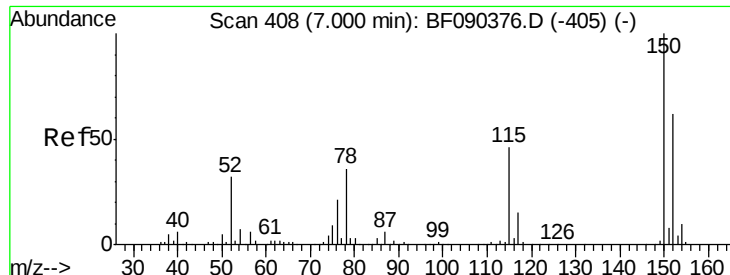
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 404

Delta R.T. -0.05 min

Lab File: BF090485.D

Acq: 10 Oct 2016 17:52

Instrument :

BNA_F

ClientSampleId :

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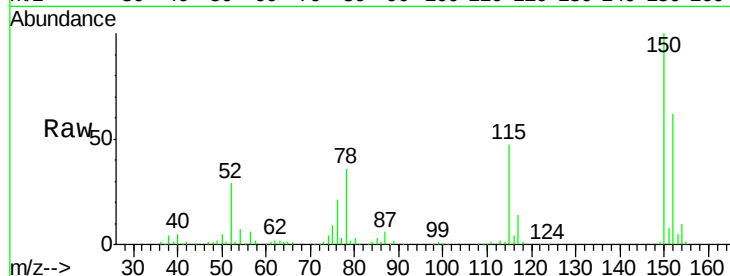
Tgt Ion:152 Resp: 196973

Ion Ratio Lower Upper

152 100

150 161.0 124.6 186.8

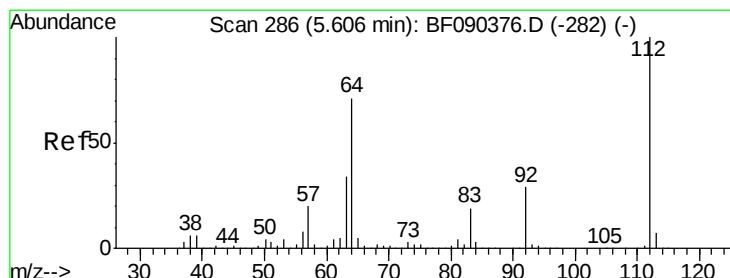
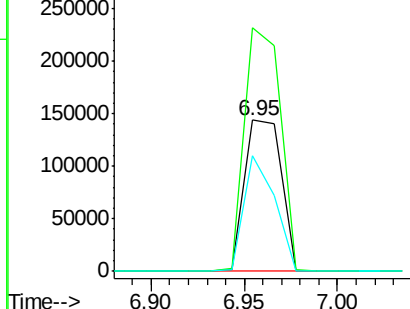
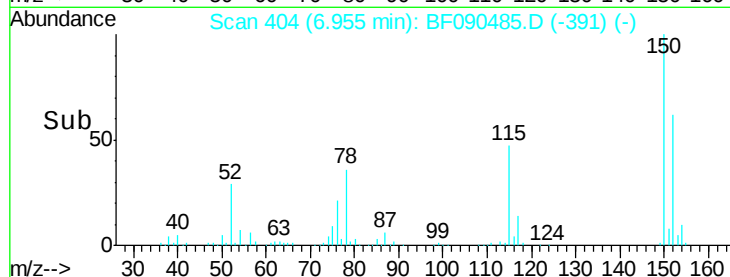
115 76.2 46.2 69.4#



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: 47.96 ng

RT: 5.57 min Scan# 283

Delta R.T. -0.03 min

Lab File: BF090485.D

Acq: 10 Oct 2016 17:52

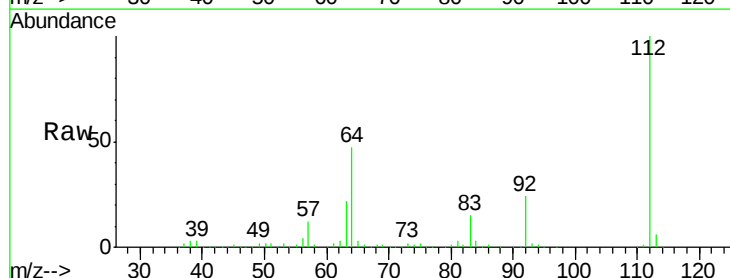
Tgt Ion:112 Resp: 633027

Ion Ratio Lower Upper

112 100

64 46.7 57.9 86.9#

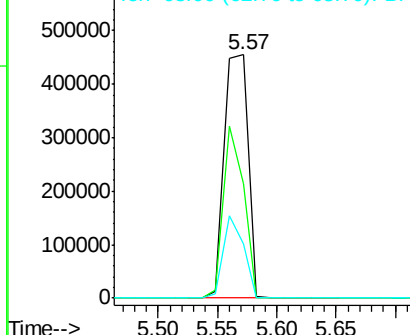
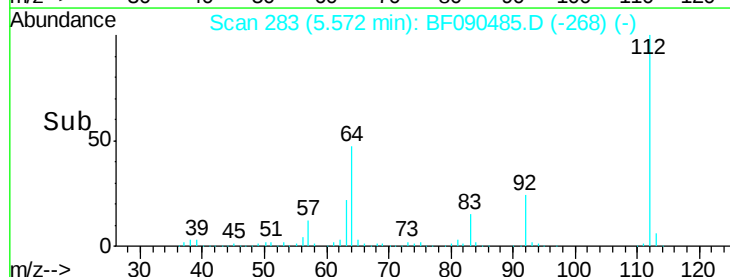
63 22.3 29.6 44.4#

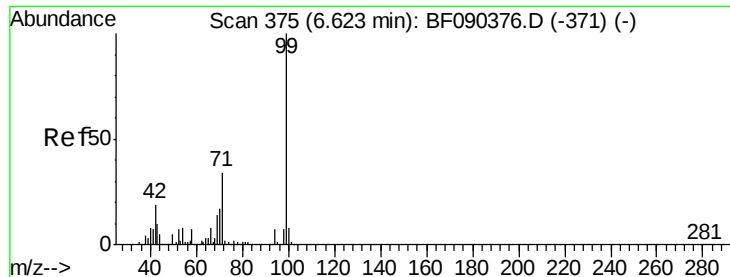


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 29.47 ng

RT: 6.59 min Scan# 372

Delta R.T. -0.03 min

Lab File: BF090485.D

Acq: 10 Oct 2016 17:52

Instrument :

BNA_F

ClientSampleId :

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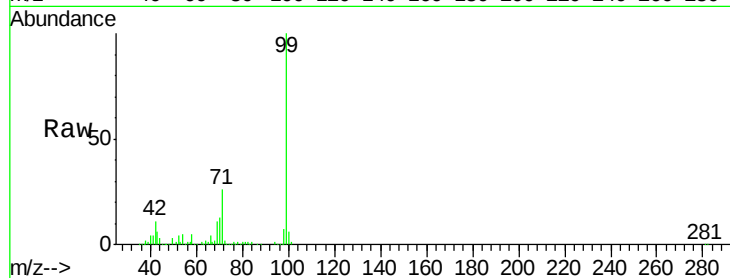
Tgt Ion: 99 Resp: 509417

Ion Ratio Lower Upper

99 100

42 11.2 20.0 30.0#

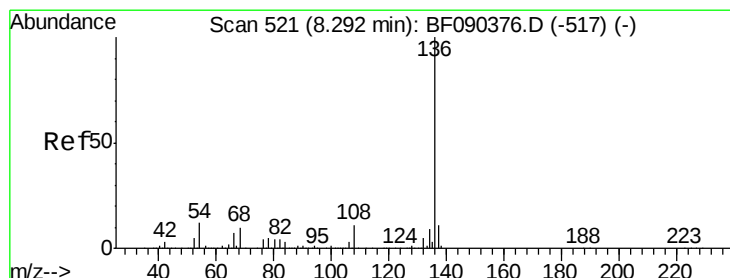
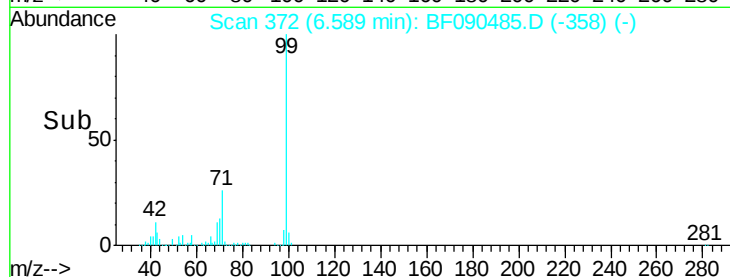
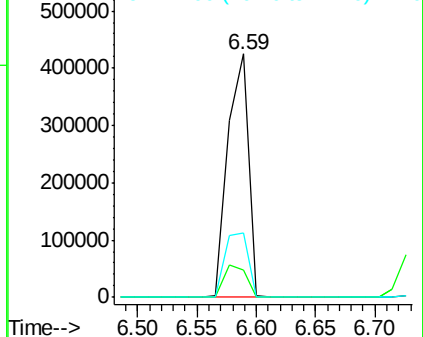
71 26.4 27.9 41.9#



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: 8.25 min Scan# 517

Delta R.T. -0.05 min

Lab File: BF090485.D

Acq: 10 Oct 2016 17:52

Tgt Ion: 136 Resp: 827772

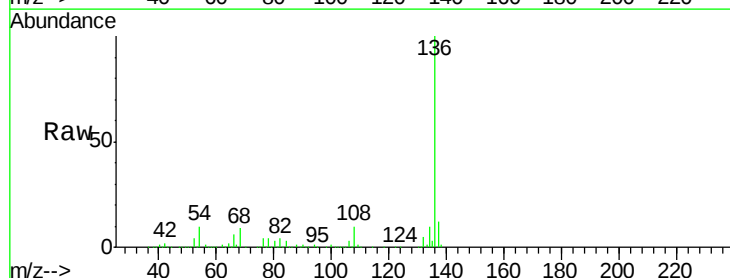
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.6

54 9.8 6.6 10.0

68 8.7 5.0 7.6#

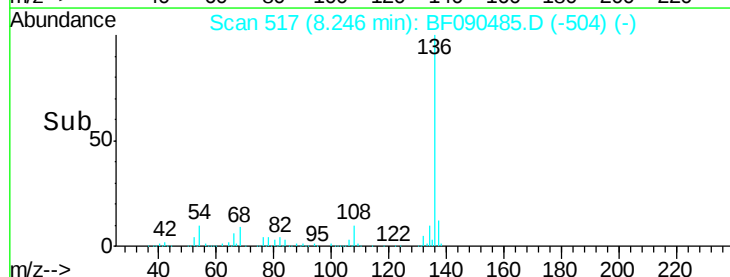
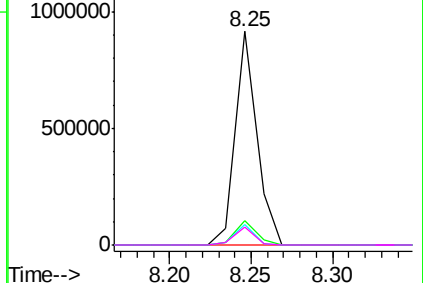


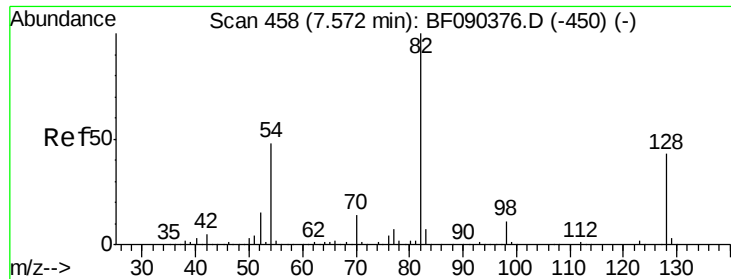
Abundance Ion 136.00 (135.70 to 136.70): E

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

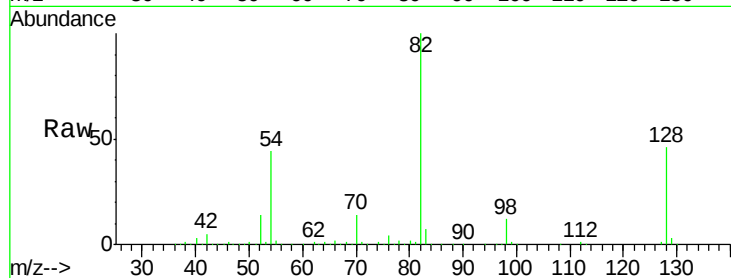




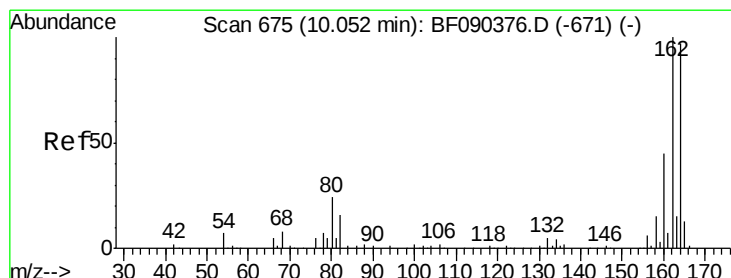
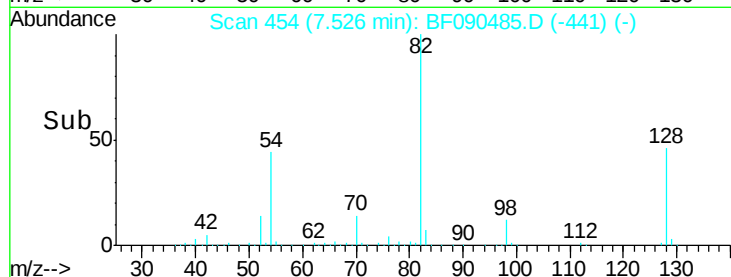
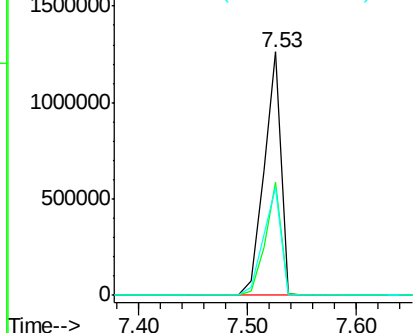
#23
 Nitrobenzene-d5
 Concen: 80.22 ng
 RT: 7.53 min Scan# 454
 Delta R.T. -0.05 min
 Lab File: BF090485.D
 Acq: 10 Oct 2016 17:52

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion: 82 Resp: 1365126
 Ion Ratio Lower Upper
 82 100
 128 46.4 40.0 60.0
 54 44.4 42.6 64.0

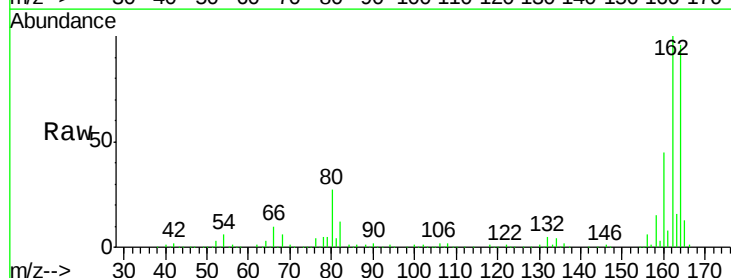


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

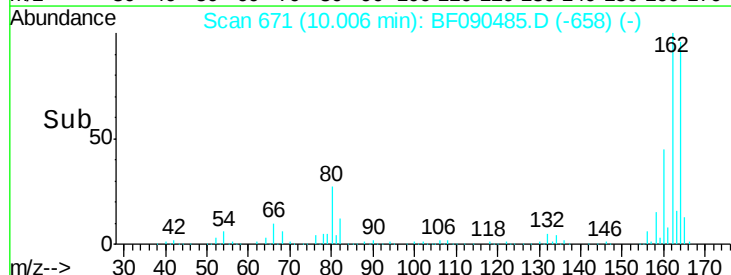
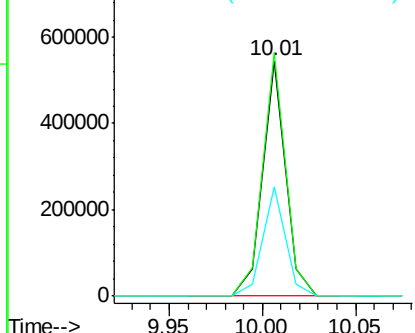


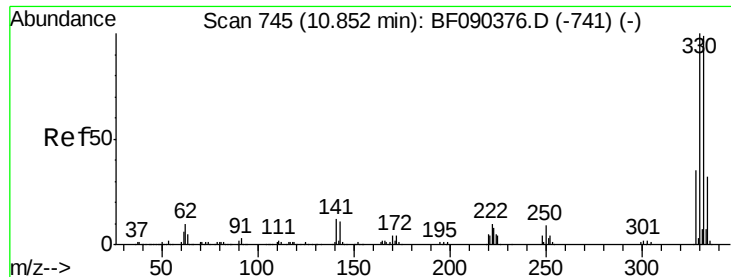
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 671
 Delta R.T. -0.05 min
 Lab File: BF090485.D
 Acq: 10 Oct 2016 17:52

Tgt Ion: 164 Resp: 459139
 Ion Ratio Lower Upper
 164 100
 162 103.6 80.1 120.1
 160 46.7 36.3 54.5



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

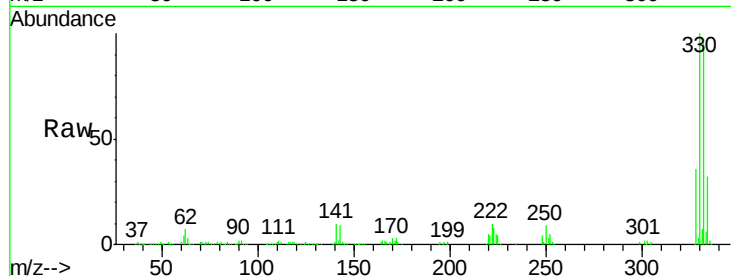




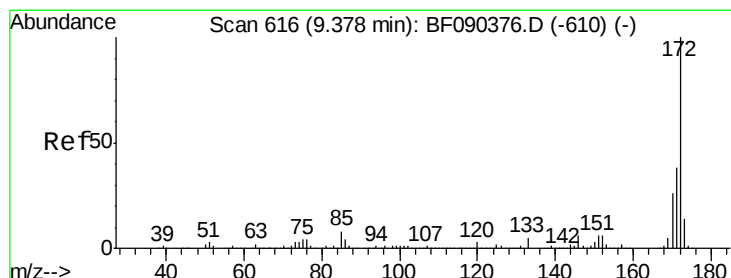
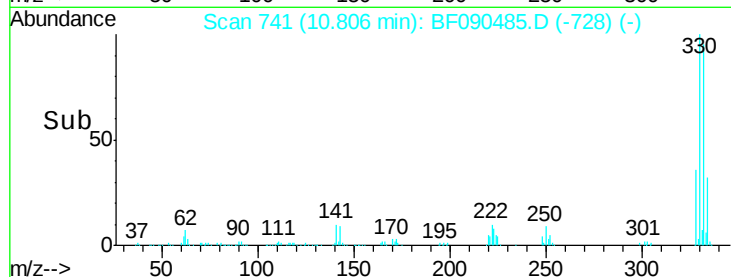
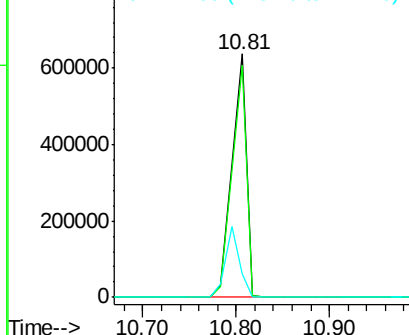
#41
 2,4,6-Tribromophenol
 Concen: 188.92 ng
 RT: 10.81 min Scan# 741
 Delta R.T. -0.05 min
 Lab File: BF090485.D
 Acq: 10 Oct 2016 17:52

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:330 Resp: 705330
 Ion Ratio Lower Upper
 330 100
 332 95.1 75.4 113.0
 141 27.5 26.9 40.3

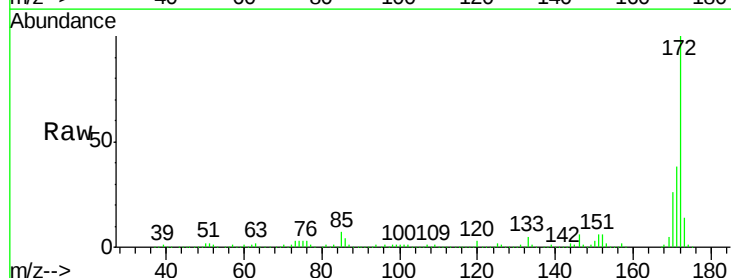


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

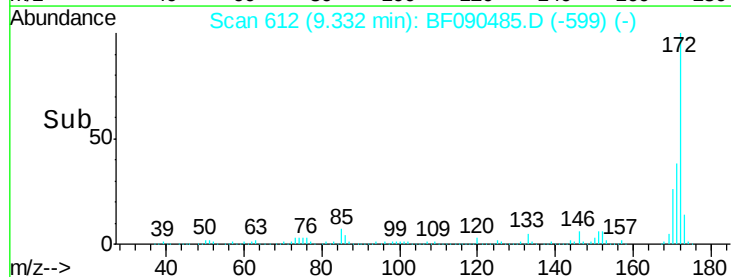
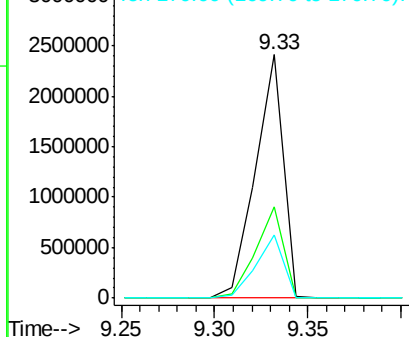


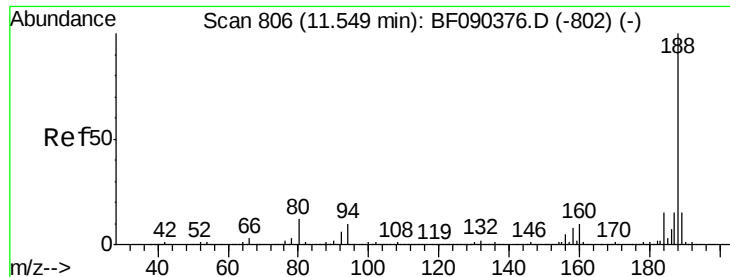
#44
 2-Fluorobiphenyl
 Concen: 90.27 ng
 RT: 9.33 min Scan# 612
 Delta R.T. -0.05 min
 Lab File: BF090485.D
 Acq: 10 Oct 2016 17:52

Tgt Ion:172 Resp: 2487464
 Ion Ratio Lower Upper
 172 100
 171 37.7 31.8 47.8
 170 25.8 21.7 32.5



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

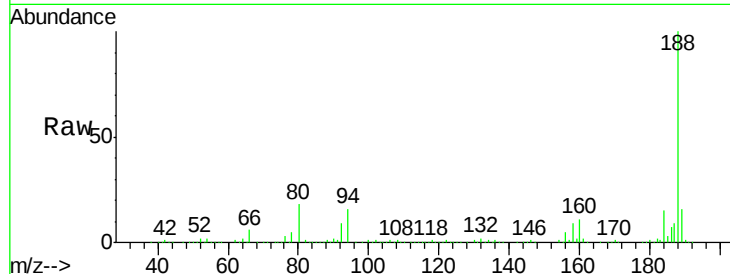




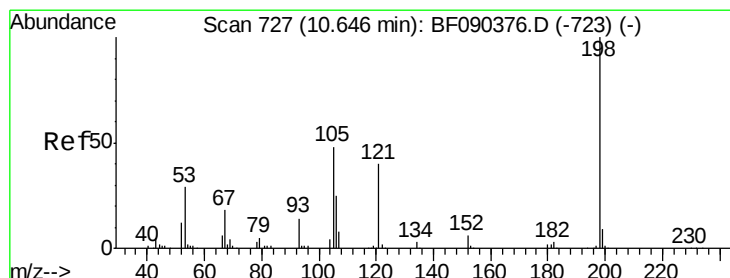
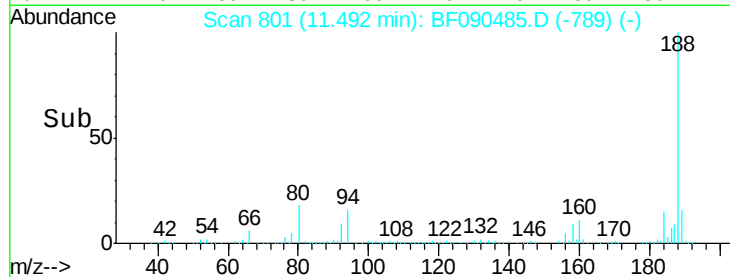
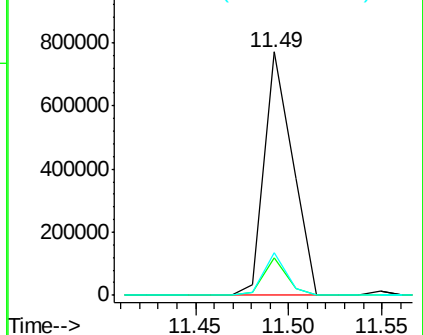
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.49 min Scan# 801
 Delta R.T. -0.06 min
 Lab File: BF090485.D
 Acq: 10 Oct 2016 17:52

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:188 Resp: 807888
 Ion Ratio Lower Upper
 188 100
 94 15.6 8.2 12.2#
 80 17.7 8.8 13.2#

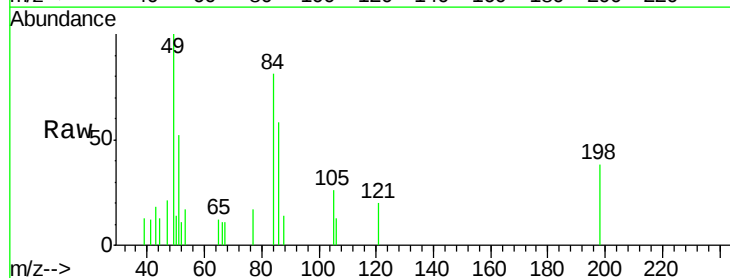


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

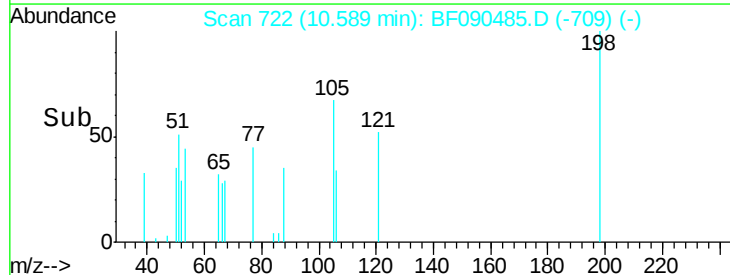
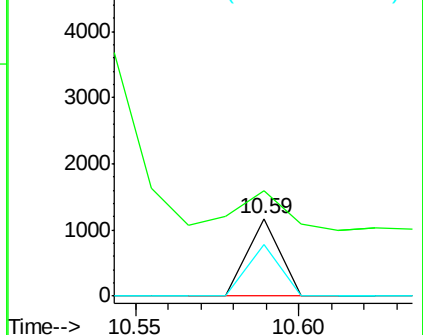


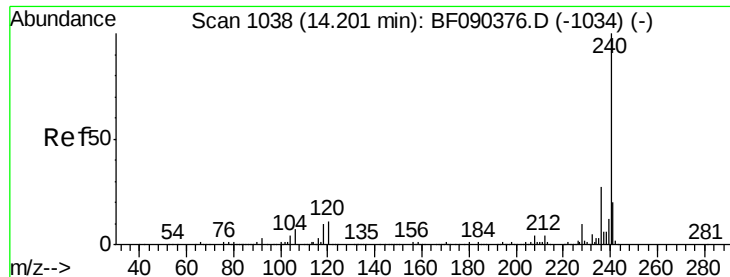
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.57 ng
 RT: 10.59 min Scan# 722
 Delta R.T. -0.06 min
 Lab File: BF090485.D
 Acq: 10 Oct 2016 17:52

Tgt Ion:198 Resp: 802
 Ion Ratio Lower Upper
 198 100
 51 136.1 67.3 107.3#
 105 66.7 42.6 82.6



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.14 min Scan# 1033

Delta R.T. -0.06 min

Lab File: BF090485.D

Acq: 10 Oct 2016 17:52

Instrument :

BNA_F

ClientSampleId :

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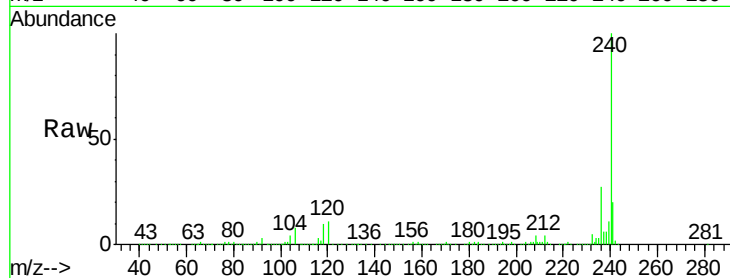
Tgt Ion:240 Resp: 895329

Ion Ratio Lower Upper

240 100

120 11.4 8.6 13.0

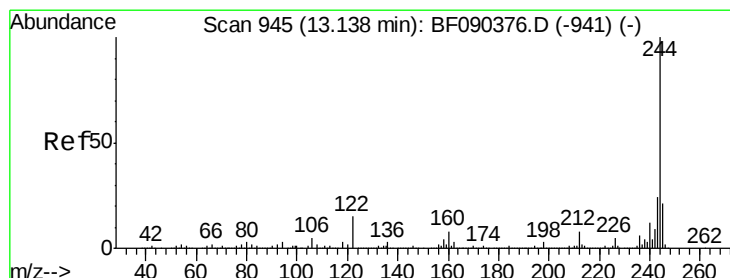
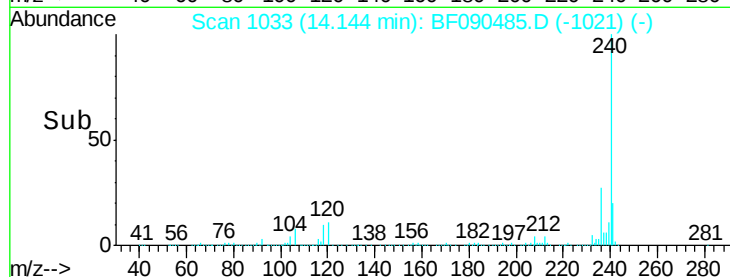
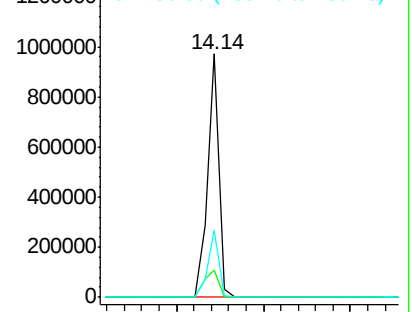
236 27.3 21.6 32.4



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: 71.35 ng

RT: 13.09 min Scan# 941

Delta R.T. -0.05 min

Lab File: BF090485.D

Acq: 10 Oct 2016 17:52

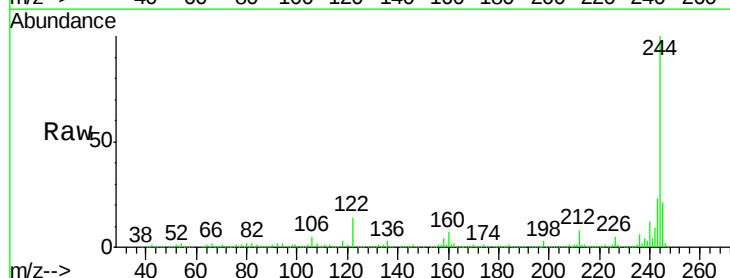
Tgt Ion:244 Resp: 2841335

Ion Ratio Lower Upper

244 100

212 7.7 6.8 10.2

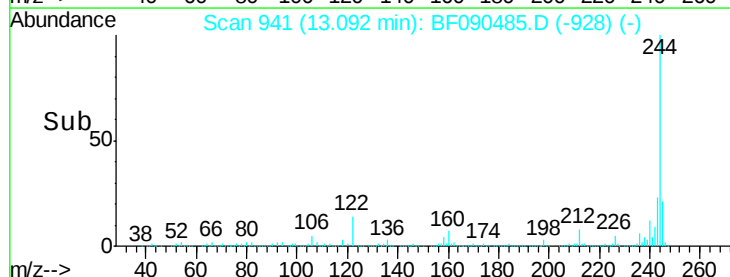
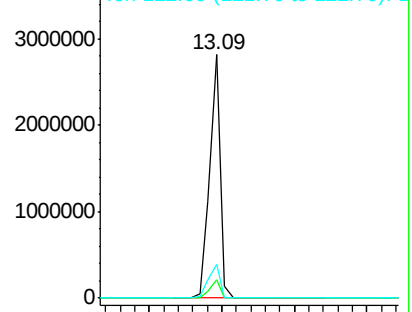
122 13.7 13.3 19.9

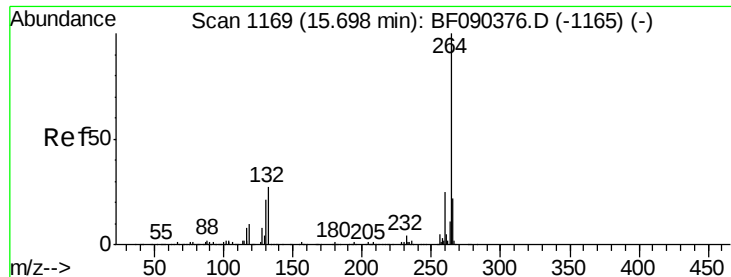


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.63 min Scan# 1163
Delta R.T. -0.07 min
Lab File: BF090485.D
Acq: 10 Oct 2016 17:52

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 264 Resp: 740925
Ion Ratio Lower Upper
264 100
260 25.0 19.3 28.9
265 21.6 17.4 26.0

