

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
 Data File : BF091234.D
 Acq On : 18 Nov 2016 14:54
 Operator : UM/SJ
 Sample : H5681-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WQ-7W

Quant Time: Nov 18 22:19:59 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 18 22:14:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	160080	20.00	ng	-0.01
21) Naphthalene-d8	7.89	136	665233	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	368499	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	637168	20.00	ng	0.00
75) Chrysene-d12	13.76	240	603293	20.00	ng	-0.01
86) Perylene-d12	15.12	264	489516	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	583894	60.24	ng	0.01
7) Phenol-d6	6.26	99	501768	38.14	ng	-0.01
23) Nitrobenzene-d5	7.18	82	1043911	85.60	ng	0.00
41) 2,4,6-Tribromophenol	10.44	330	574863	172.56	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1928093	90.08	ng	0.00
78) Terphenyl-d14	12.72	244	2138925	88.47	ng	0.00

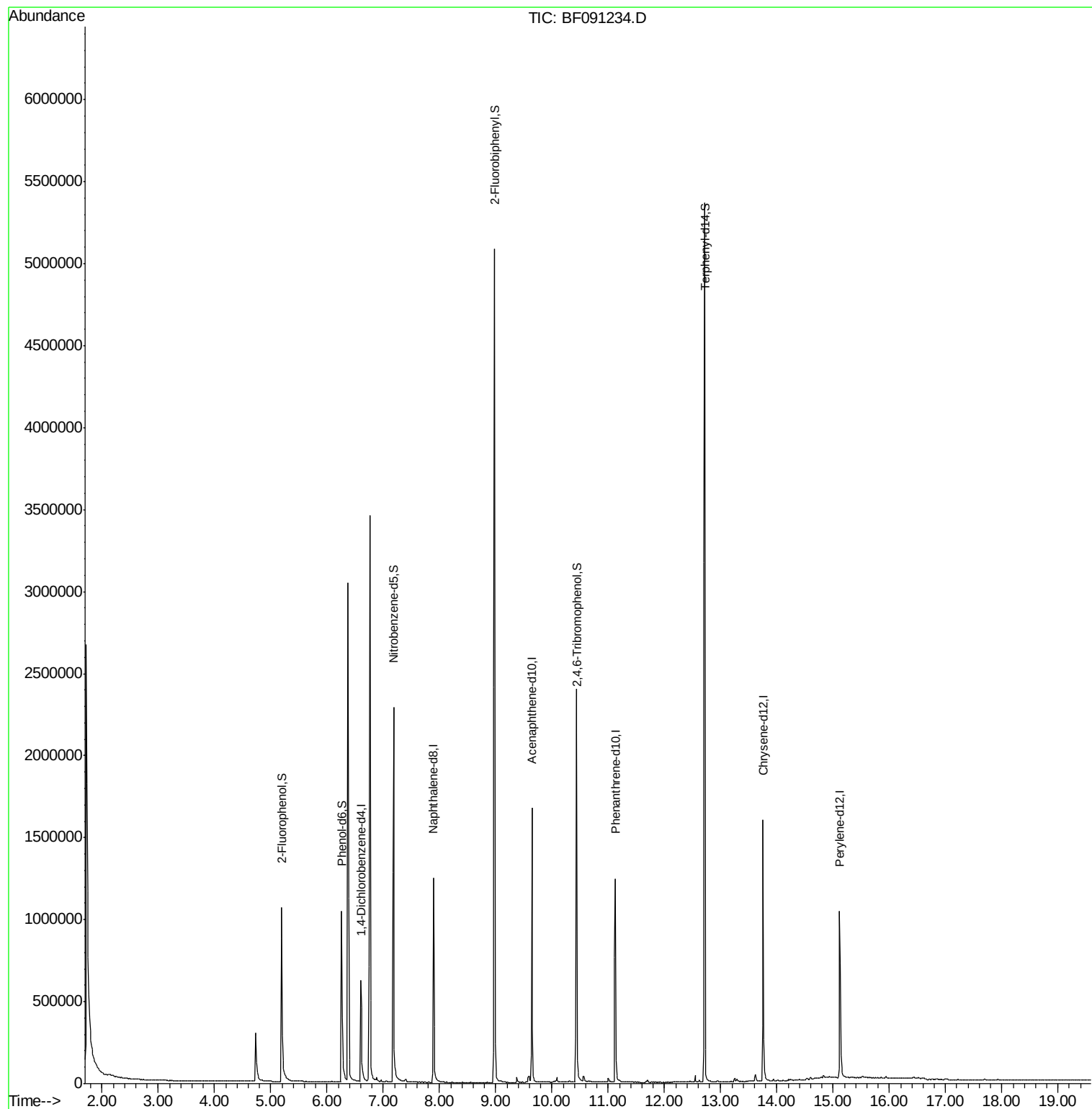
Target Compounds	Qvalue
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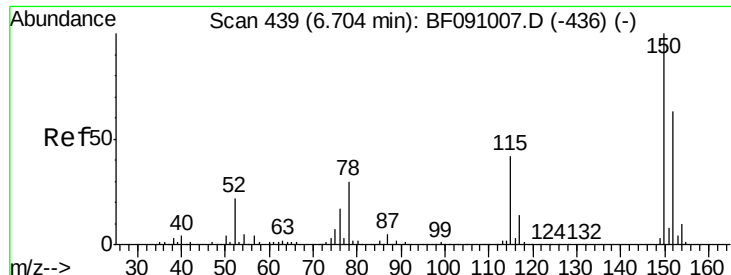
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 430

Delta R.T. -0.01 min

Lab File: BF091234.D

Acq: 18 Nov 2016 14:54

Instrument :

BNA_F

ClientSampleId :

WQ-7W

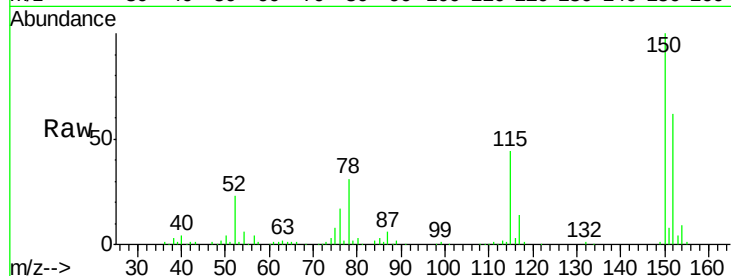
Tgt Ion:152 Resp: 160080

Ion Ratio Lower Upper

152 100

150 160.7 126.8 190.2

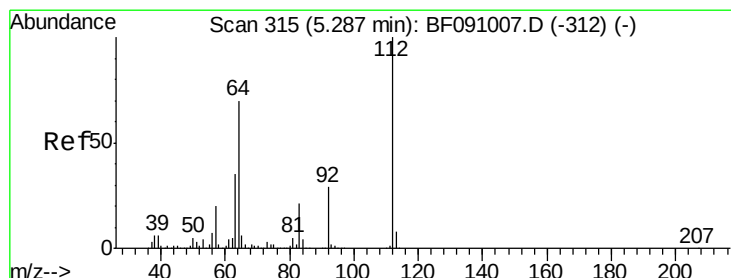
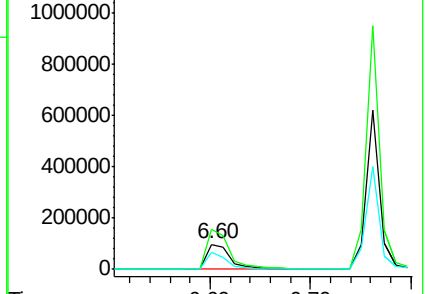
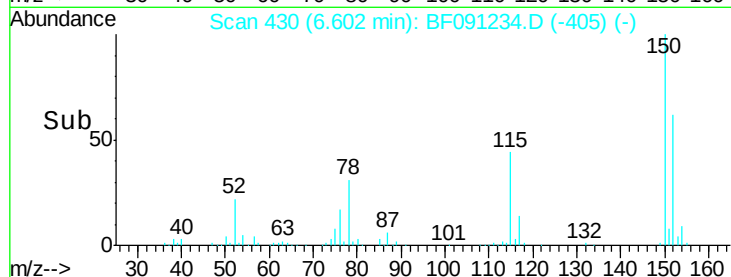
115 69.9 53.3 79.9



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: 60.24 ng

RT: 5.20 min Scan# 307

Delta R.T. 0.01 min

Lab File: BF091234.D

Acq: 18 Nov 2016 14:54

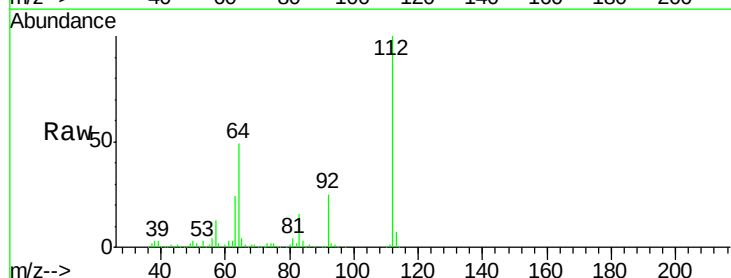
Tgt Ion:112 Resp: 583894

Ion Ratio Lower Upper

112 100

64 49.0 55.8 83.6#

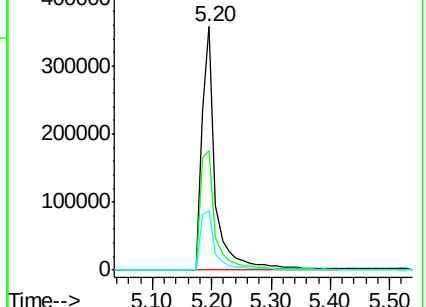
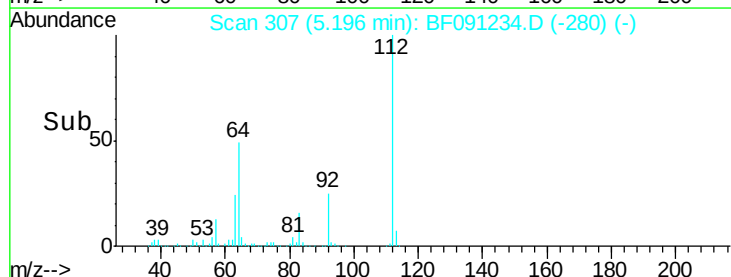
63 24.5 28.0 42.0#

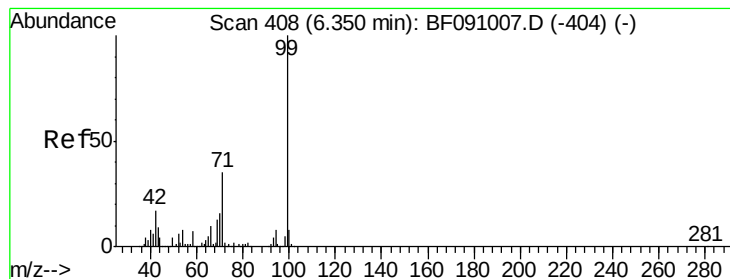


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.14 ng

RT: 6.26 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF091234.D

Acq: 18 Nov 2016 14:54

Instrument :

BNA_F

ClientSampleId :

WQ-7W

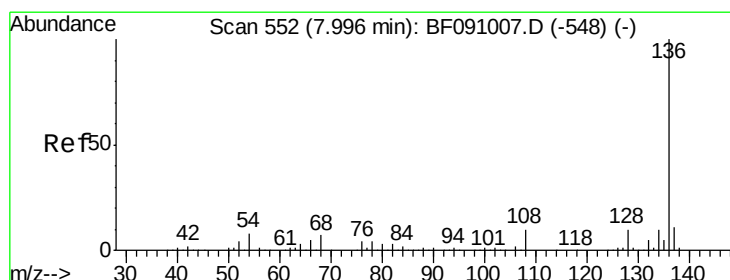
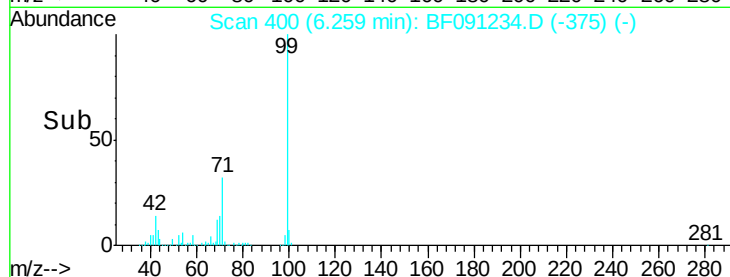
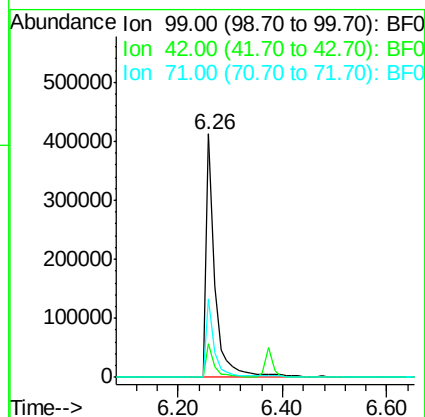
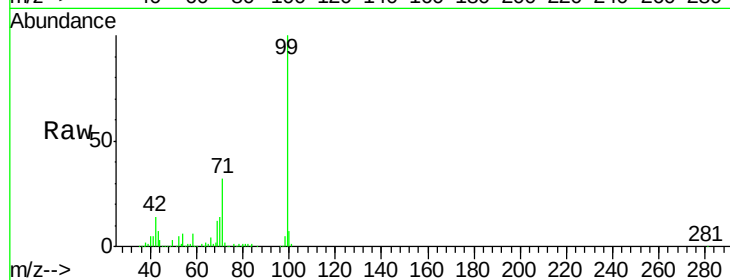
Tgt Ion: 99 Resp: 501768

Ion Ratio Lower Upper

99 100

42 13.8 13.9 20.9#

71 32.0 27.8 41.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.89 min Scan# 543

Delta R.T. -0.01 min

Lab File: BF091234.D

Acq: 18 Nov 2016 14:54

Tgt Ion: 136 Resp: 665233

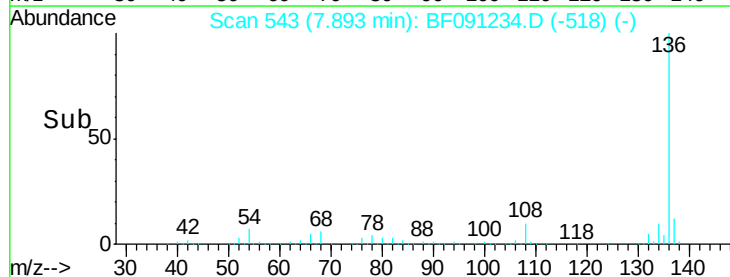
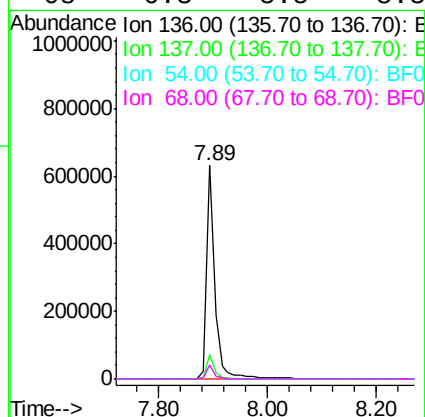
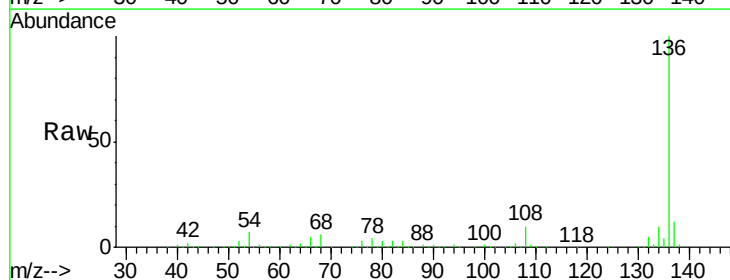
Ion Ratio Lower Upper

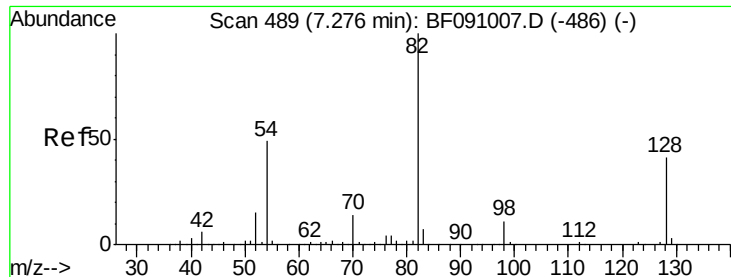
136 100

137 11.6 8.9 13.3

54 6.9 6.2 9.2

68 6.3 5.5 8.3

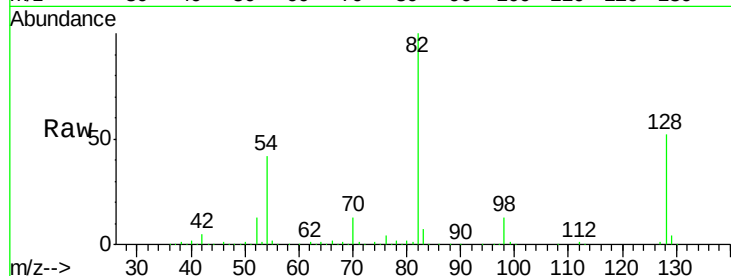




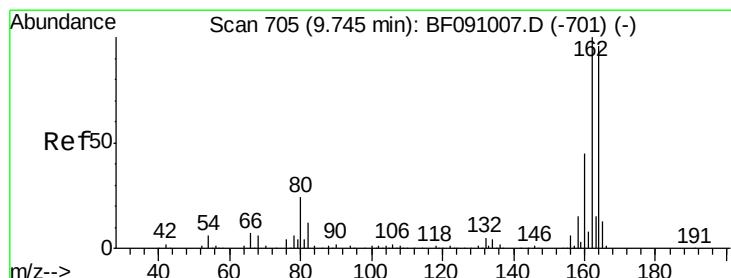
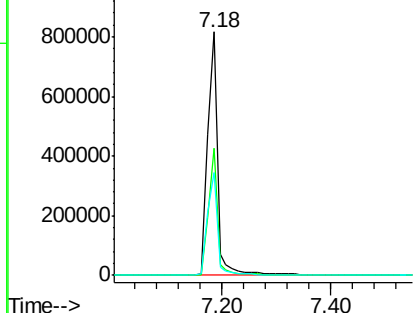
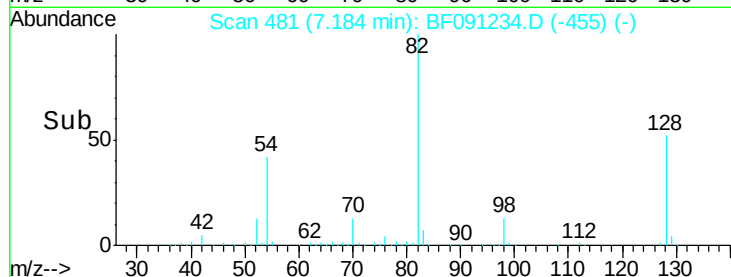
#23
 Nitrobenzene-d5
 Concen: 85.60 ng
 RT: 7.18 min Scan# 481
 Delta R.T. -0.00 min
 Lab File: BF091234.D
 Acq: 18 Nov 2016 14:54

Instrument :
 BNA_F
 ClientSampled :
 WQ-7W

Tgt Ion: 82 Resp: 1043911
 Ion Ratio Lower Upper
 82 100
 128 52.2 32.4 48.6#
 54 42.2 39.2 58.8

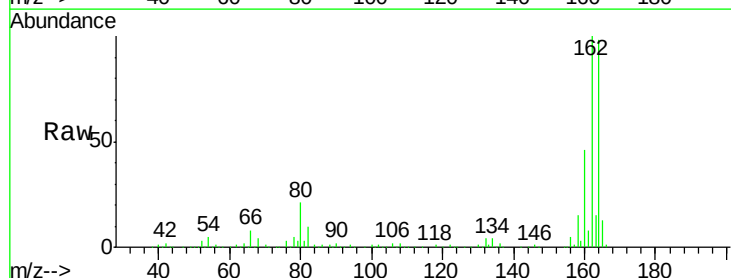


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

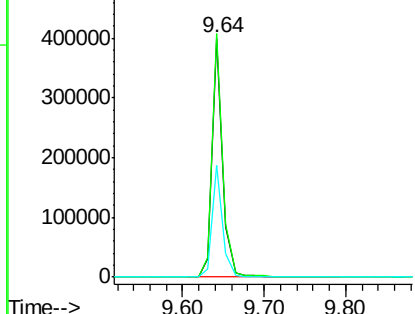
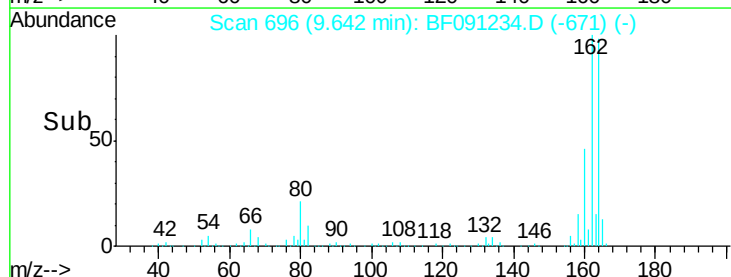


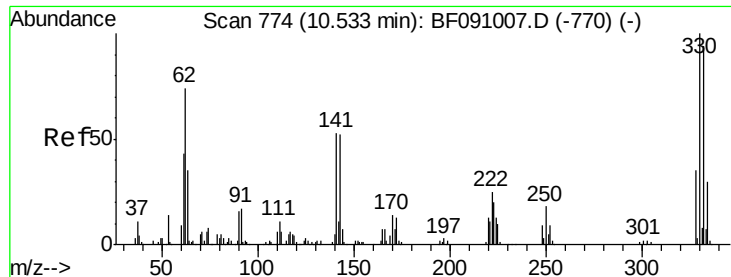
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 696
 Delta R.T. -0.01 min
 Lab File: BF091234.D
 Acq: 18 Nov 2016 14:54

Tgt Ion: 164 Resp: 368499
 Ion Ratio Lower Upper
 164 100
 162 102.1 83.6 125.4
 160 46.8 37.9 56.9



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

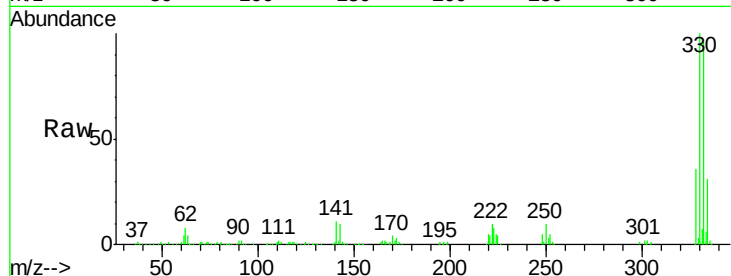




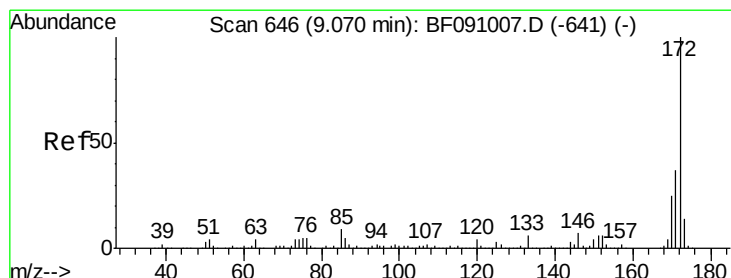
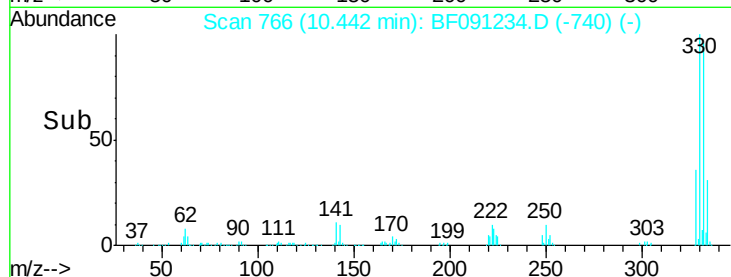
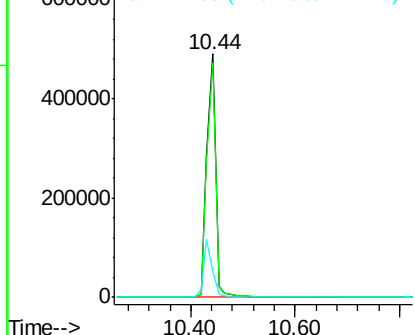
#41
 2,4,6-Tribromophenol
 Concen: 172.56 ng
 RT: 10.44 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: BF091234.D
 Acq: 18 Nov 2016 14:54

Instrument :
 BNA_F
 ClientSampleId :
 WQ-7W

Tgt Ion:330 Resp: 574863
 Ion Ratio Lower Upper
 330 100
 332 96.0 75.9 113.9
 141 23.7 36.1 54.1#

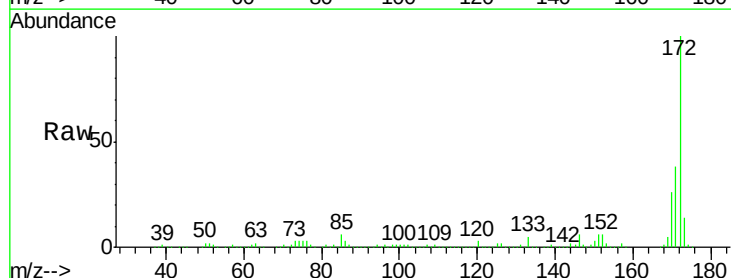


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

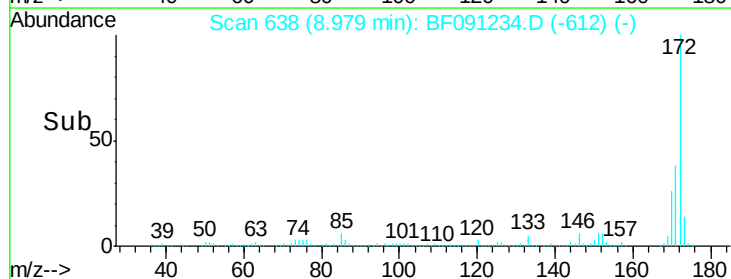
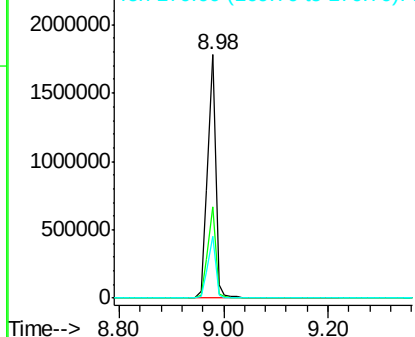


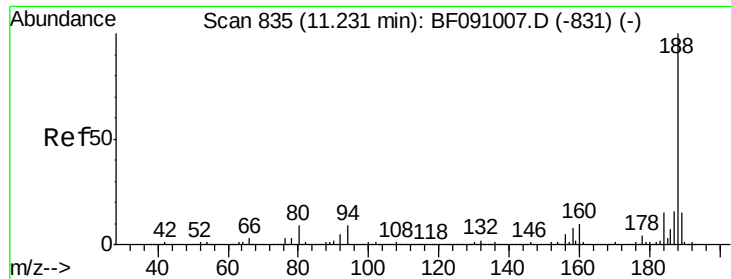
#44
 2-Fluorobiphenyl
 Concen: 90.08 ng
 RT: 8.98 min Scan# 638
 Delta R.T. -0.00 min
 Lab File: BF091234.D
 Acq: 18 Nov 2016 14:54

Tgt Ion:172 Resp: 1928093
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.8 44.6
 170 25.7 20.3 30.5



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

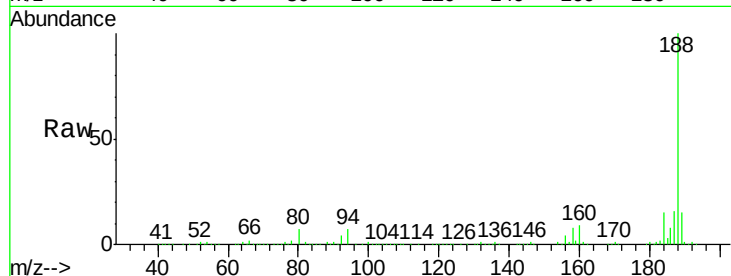




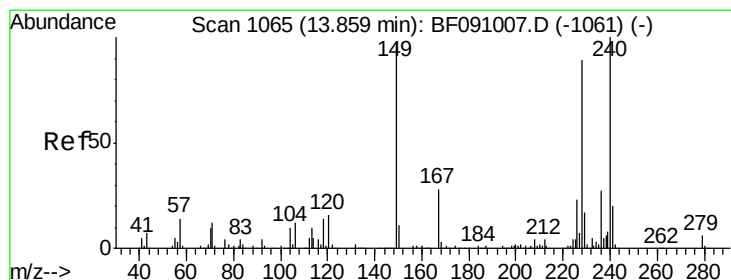
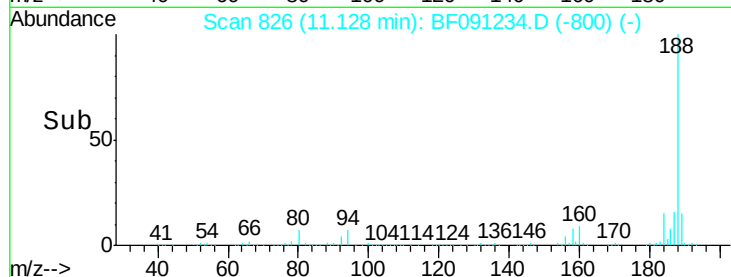
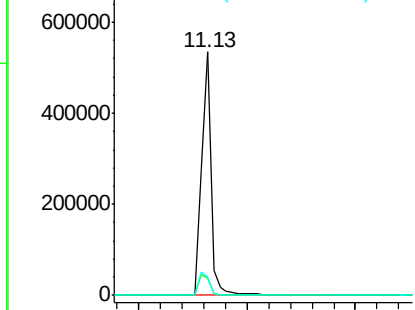
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF091234.D
Acq: 18 Nov 2016 14:54

Instrument :
BNA_F
ClientSampleId :
WQ-7W

Tgt Ion:188 Resp: 637168
Ion Ratio Lower Upper
188 100
94 7.1 7.0 10.4
80 7.3 7.5 11.3#

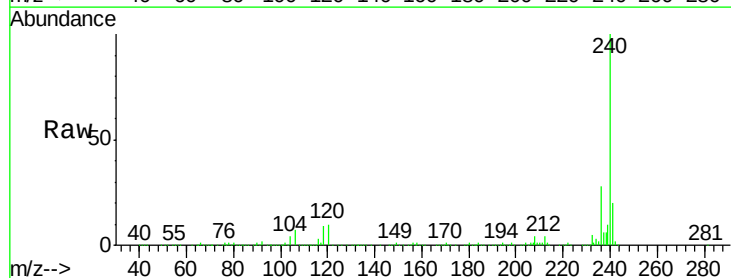


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

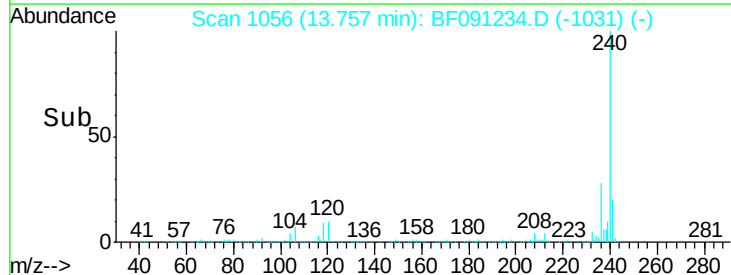
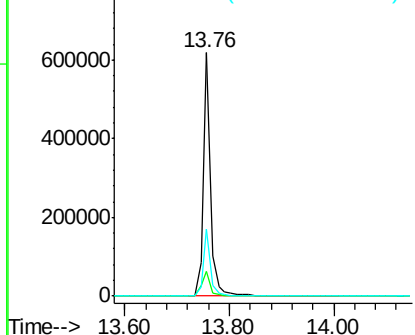


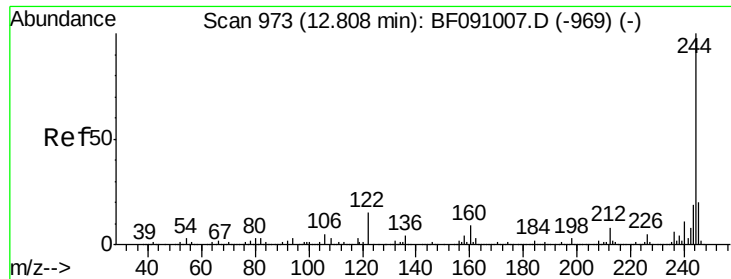
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.76 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF091234.D
Acq: 18 Nov 2016 14:54

Tgt Ion:240 Resp: 603293
Ion Ratio Lower Upper
240 100
120 10.0 12.9 19.3#
236 27.5 21.9 32.9



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

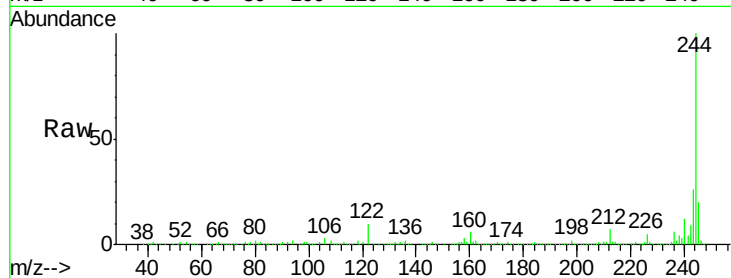




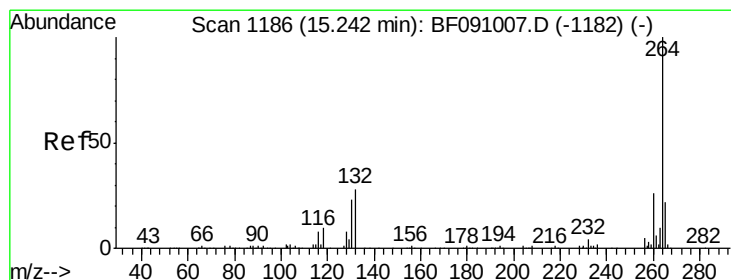
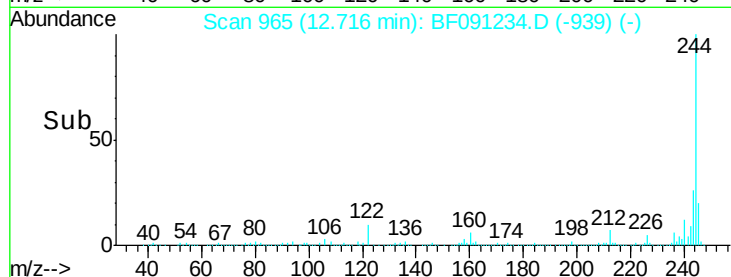
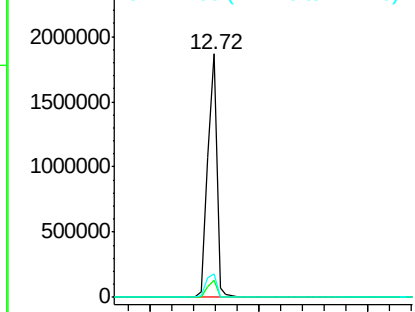
#78
 Terphenyl-d14
 Concen: 88.47 ng
 RT: 12.72 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: BF091234.D
 Acq: 18 Nov 2016 14:54

Instrument :
 BNA_F
 ClientSampleId :
 WQ-7W

Tgt Ion:244 Resp: 2138925
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.4 9.6
 122 9.8 12.3 18.5#

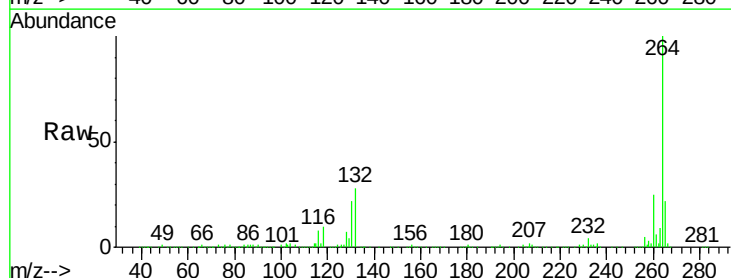


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.12 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF091234.D
 Acq: 18 Nov 2016 14:54

Tgt Ion:264 Resp: 489516
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.6 30.8
 265 22.2 17.8 26.8



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

