

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
 Data File : BF088535.D
 Acq On : 30 Jun 2016 18:04
 Operator : UM/SJ
 Sample : PB91573BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91573BL

Quant Time: Jul 01 01:45:26 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	145393	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	625009	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	301965	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	562513	20.00	ng	0.00
75) Chrysene-d12	13.95	240	505684	20.00	ng	0.00
86) Perylene-d12	15.35	264	384544	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1041630	107.37	ng	0.01
7) Phenol-d6	6.44	99	1198021	95.57	ng	0.00
23) Nitrobenzene-d5	7.38	82	940662	78.87	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	322626	115.06	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1282146	67.07	ng	0.00
78) Terphenyl-d14	12.91	244	1190051	52.42	ng	0.00

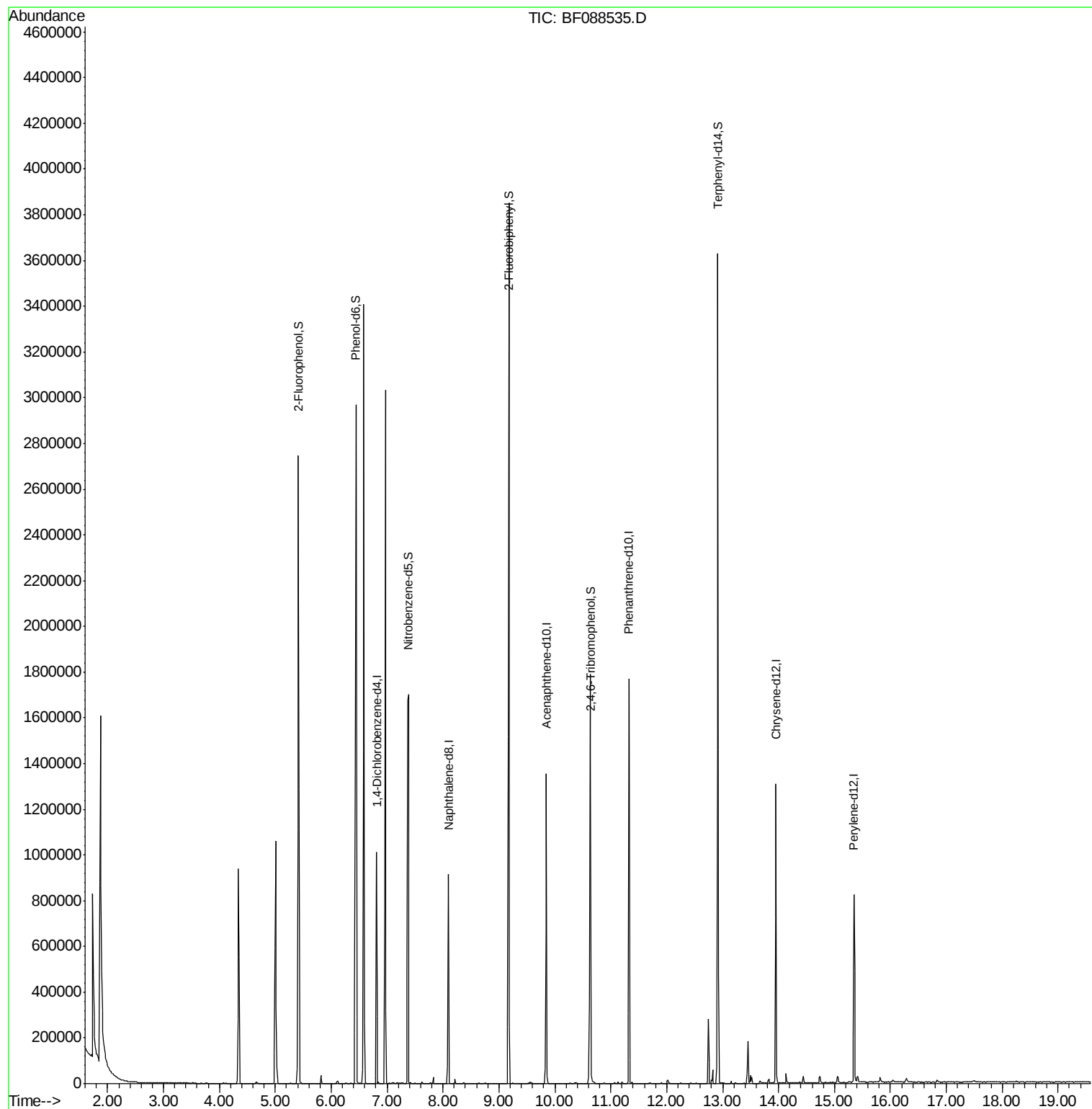
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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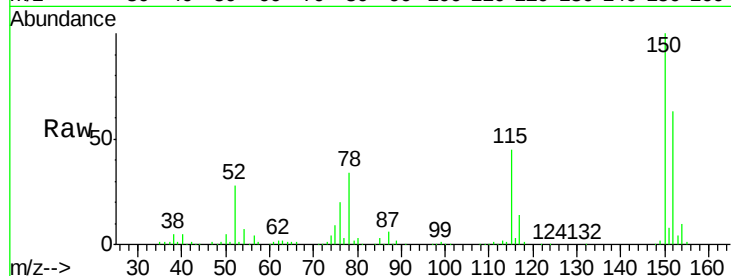


#1

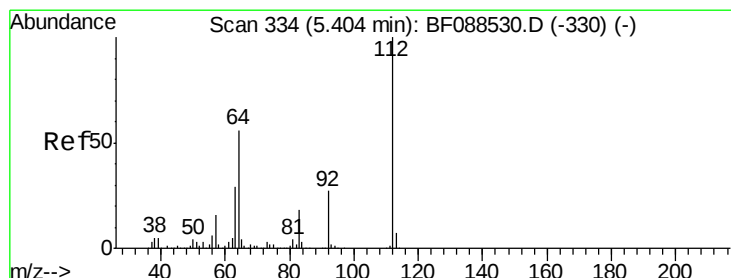
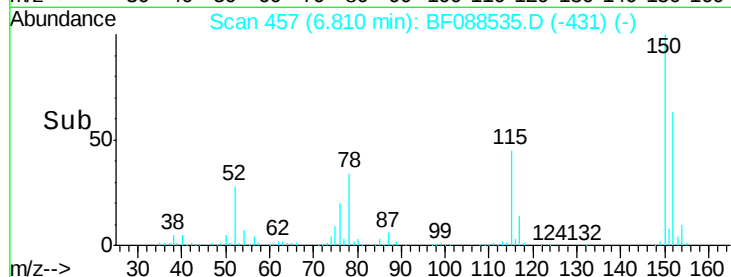
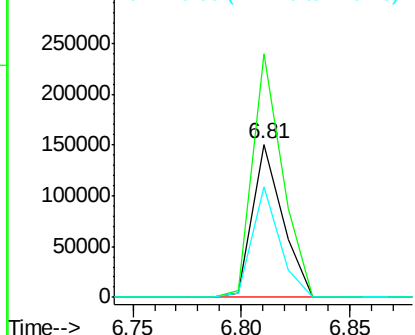
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF088535.D
Acq: 30 Jun 2016 18:04

Instrument :
BNA_F
ClientSampleId :
PB91573BL

Tgt Ion:152 Resp: 145393
Ion Ratio Lower Upper
152 100
150 158.9 123.8 185.6
115 71.9 39.6 59.4#



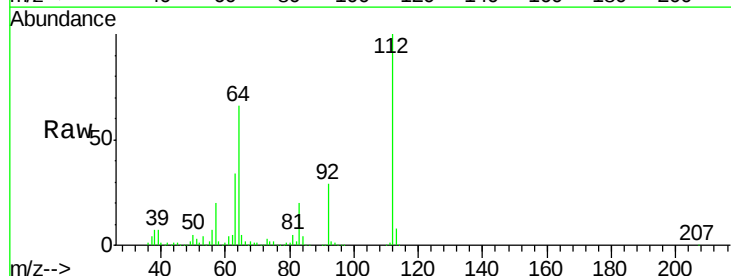
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



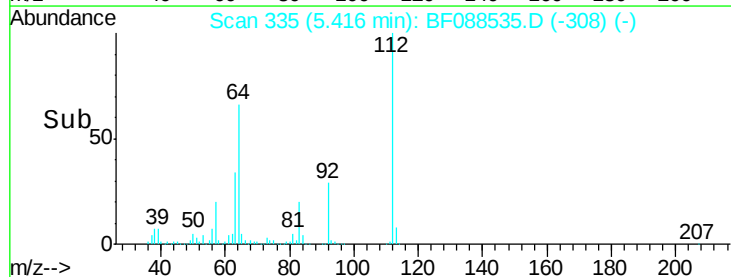
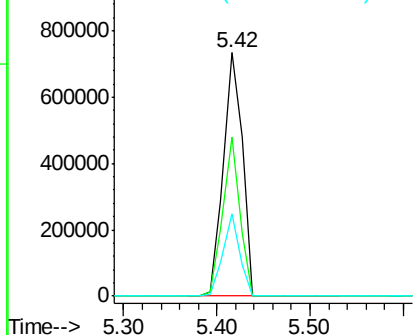
#5

2-Fluorophenol
Concen: 107.37 ng
RT: 5.42 min Scan# 335
Delta R.T. 0.01 min
Lab File: BF088535.D
Acq: 30 Jun 2016 18:04

Tgt Ion:112 Resp: 1041630
Ion Ratio Lower Upper
112 100
64 65.6 42.2 63.2#
63 33.9 21.8 32.8#



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: 95.57 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF088535.D

Acq: 30 Jun 2016 18:04

Instrument :

BNA_F

ClientSampled :

PB91573BL

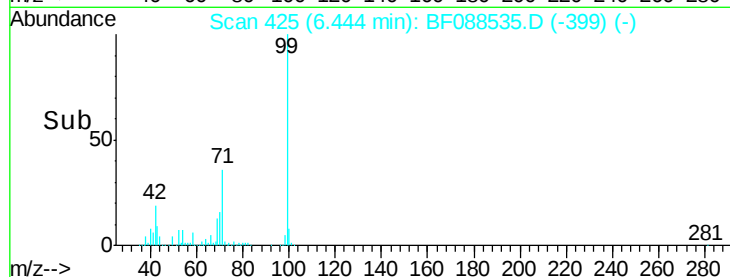
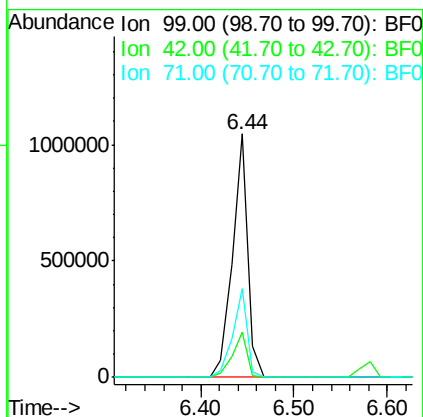
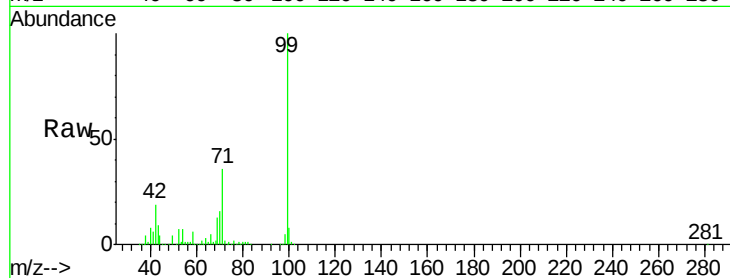
Tgt Ion: 99 Resp: 1198021

Ion Ratio Lower Upper

99 100

42 18.7 12.2 18.2#

71 36.3 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 570

Delta R.T. -0.00 min

Lab File: BF088535.D

Acq: 30 Jun 2016 18:04

Tgt Ion: 136 Resp: 625009

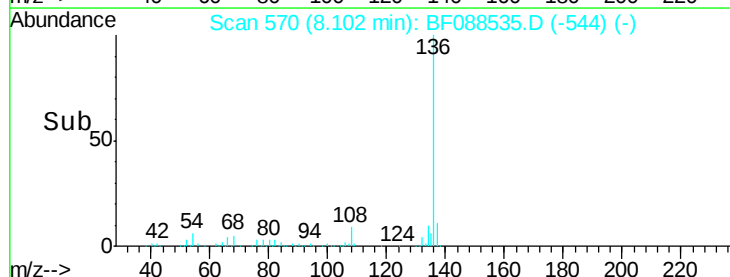
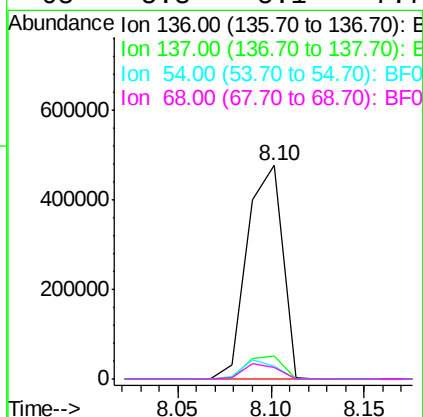
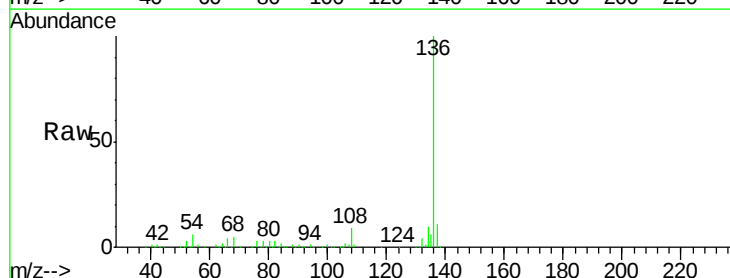
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 5.9 6.6 10.0#

68 5.3 5.1 7.7

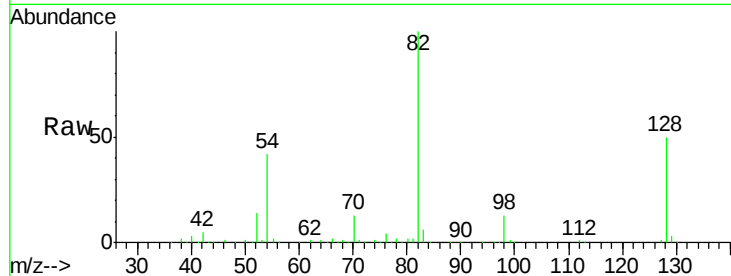




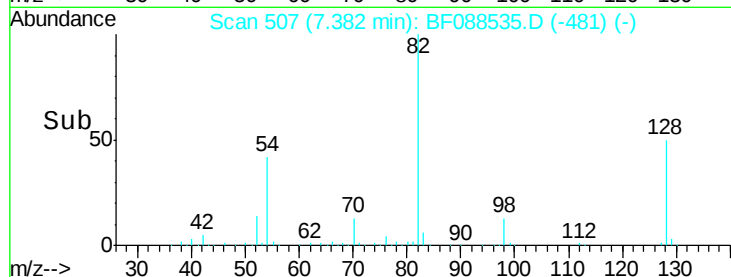
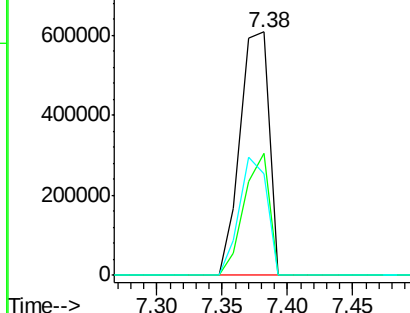
#23
 Nitrobenzene-d5
 Concen: 78.87 ng
 RT: 7.38 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF088535.D
 Acq: 30 Jun 2016 18:04

Instrument :
 BNA_F
 ClientSampleId :
 PB91573BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	50.0	35.9	53.9
54	41.8	40.9	61.3

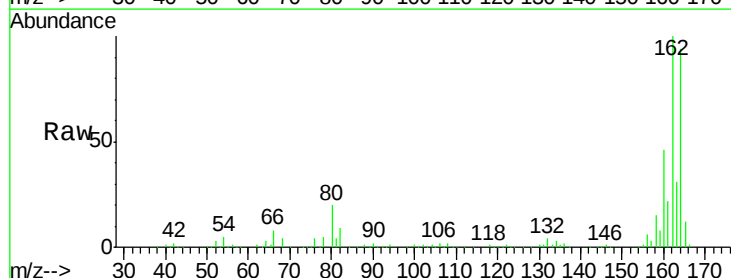


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

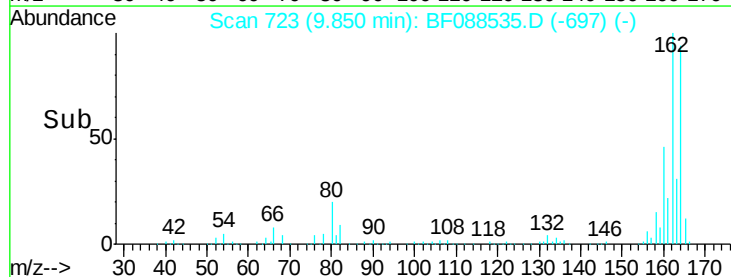
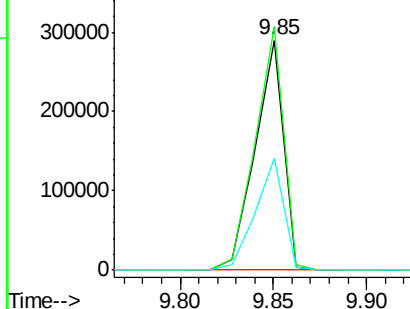


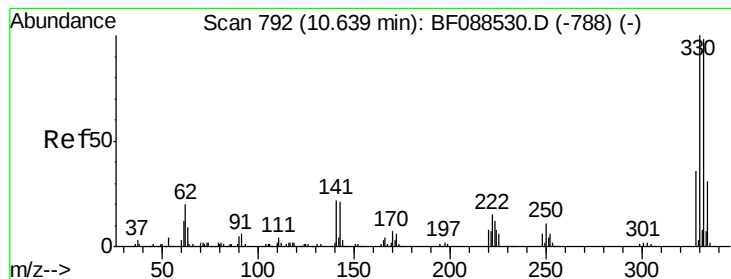
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 723
 Delta R.T. -0.00 min
 Lab File: BF088535.D
 Acq: 30 Jun 2016 18:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.1	85.4	128.2
160	48.7	39.5	59.3



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

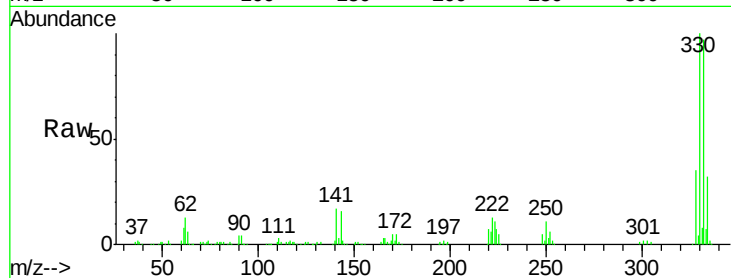




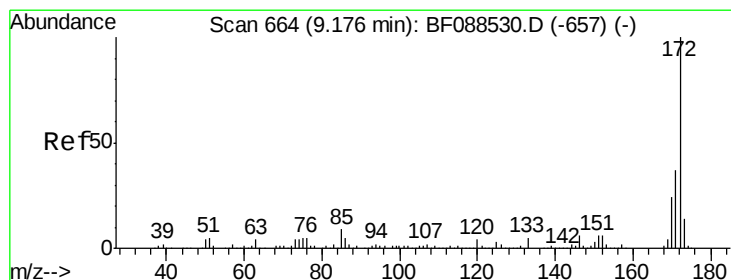
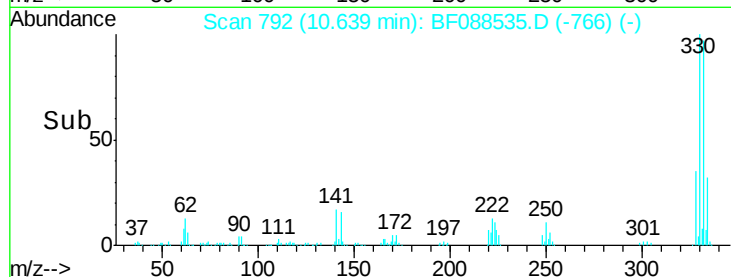
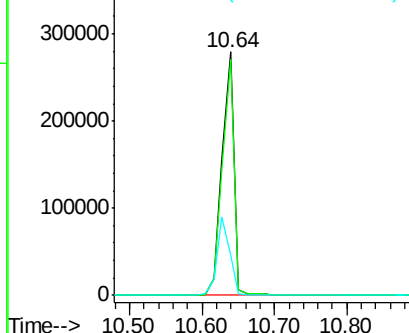
#41
 2,4,6-Tribromophenol
 Concen: 115.06 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF088535.D
 Acq: 30 Jun 2016 18:04

Instrument :
 BNA_F
 ClientSampleId :
 PB91573BL

Tgt Ion:330 Resp: 322626
 Ion Ratio Lower Upper
 330 100
 332 95.4 0.0 0.0#
 141 34.3 0.0 0.0#

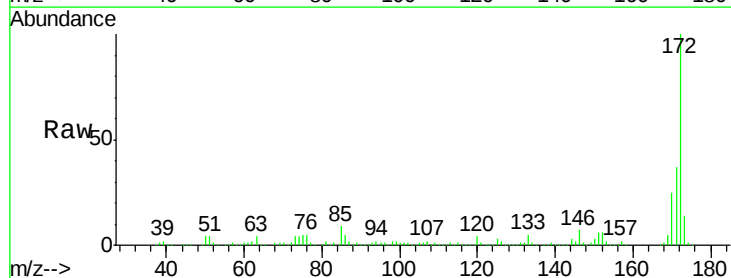


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

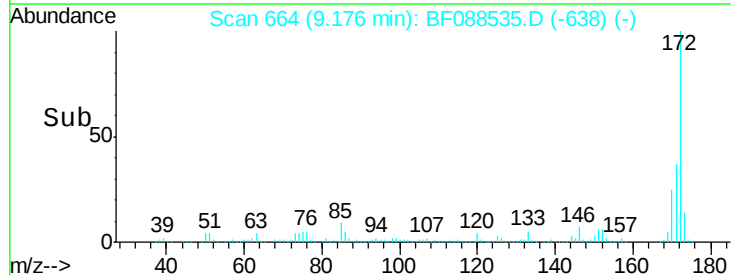
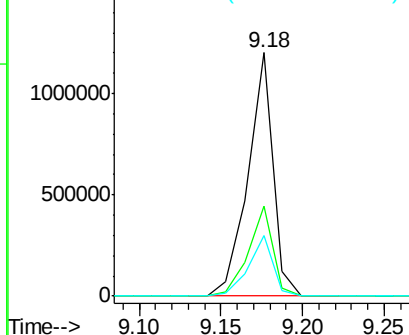


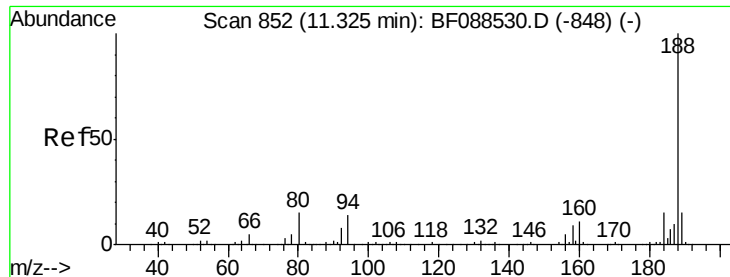
#44
 2-Fluorobiphenyl
 Concen: 67.07 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF088535.D
 Acq: 30 Jun 2016 18:04

Tgt Ion:172 Resp: 1282146
 Ion Ratio Lower Upper
 172 100
 171 36.9 28.6 43.0
 170 25.0 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

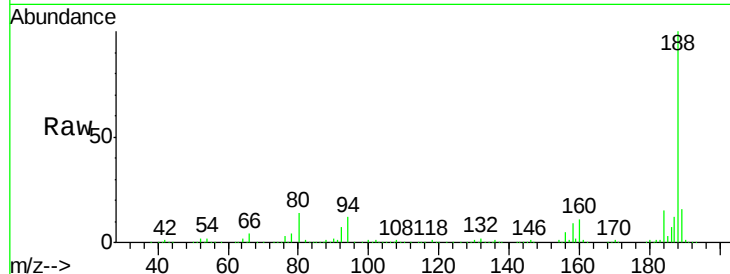




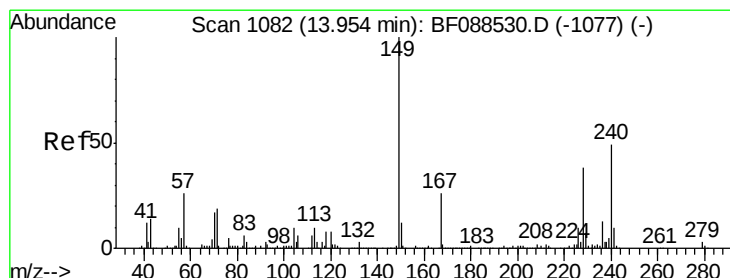
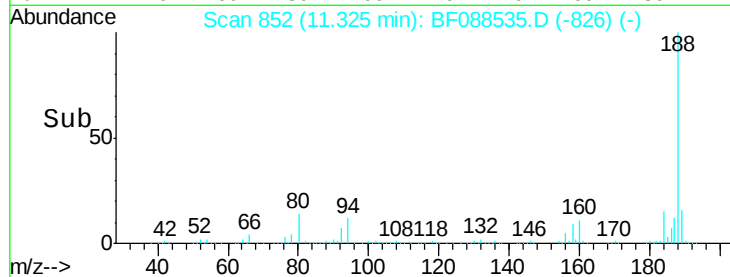
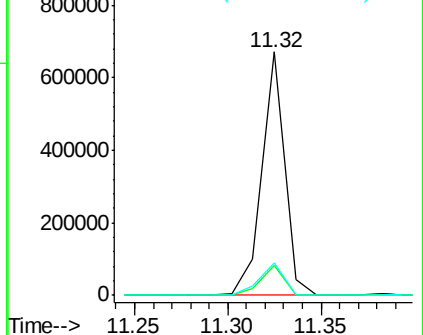
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF088535.D
Acq: 30 Jun 2016 18:04

Instrument :
BNA_F
ClientSampleId :
PB91573BL

Tgt Ion:188 Resp: 562513
Ion Ratio Lower Upper
188 100
94 12.3 9.0 13.6
80 13.5 10.0 15.0

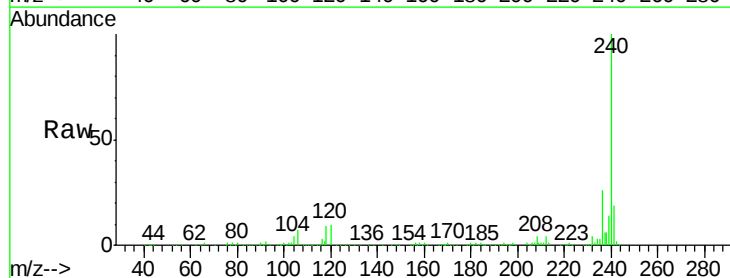


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

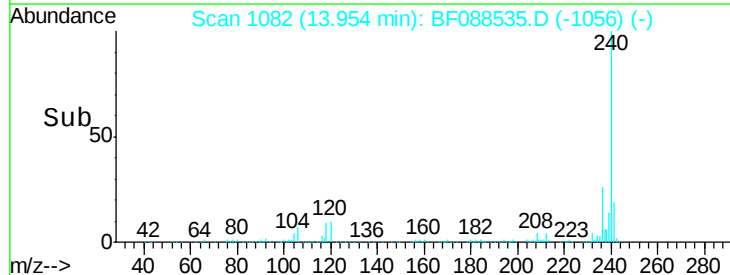
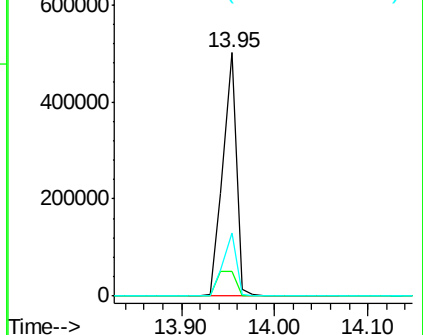


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.00 min
Lab File: BF088535.D
Acq: 30 Jun 2016 18:04

Tgt Ion:240 Resp: 505684
Ion Ratio Lower Upper
240 100
120 10.1 6.8 10.2
236 26.1 20.2 30.2



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

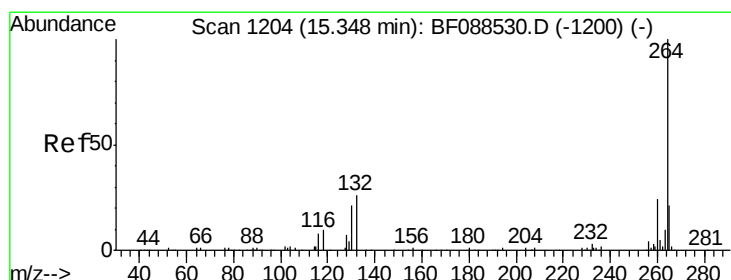
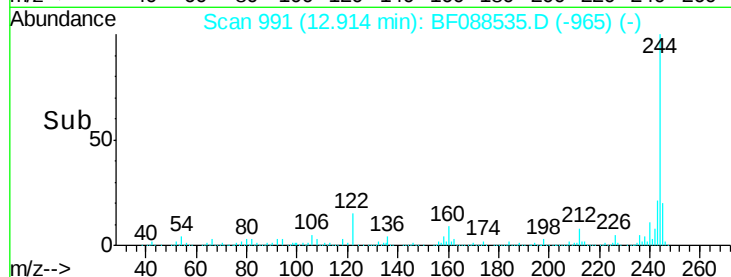
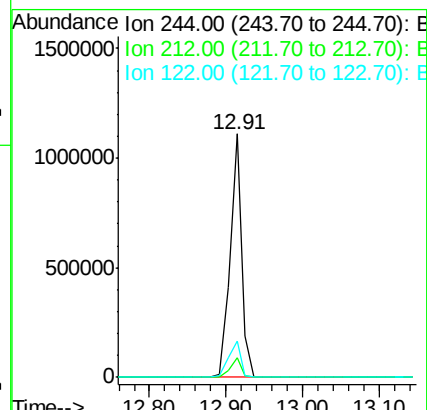
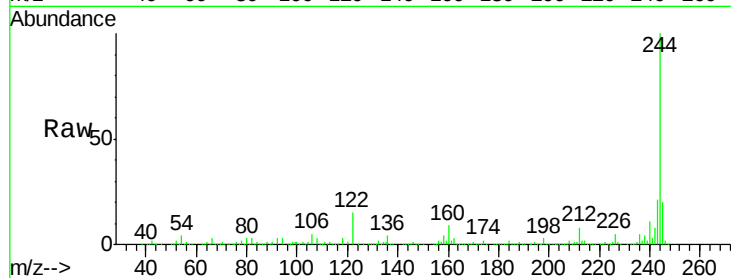




#78
 Terphenyl-d14
 Concen: 52.42 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF088535.D
 Acq: 30 Jun 2016 18:04

Instrument :
 BNA_F
 ClientSampleId :
 PB91573BL

Tgt Ion:244 Resp: 1190051
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.0 9.0
 122 14.8 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF088535.D
 Acq: 30 Jun 2016 18:04

Tgt Ion:264 Resp: 384544
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.3 16.9 25.3

