

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022015\
 Data File : BF077382.D
 Acq On : 20 Feb 2015 15:24
 Operator : TP/IZ
 Sample : PB81812BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81812BL

Quant Time: Feb 21 00:22:50 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 20 23:55:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	67643	20.00	ng	0.00
21) Naphthalene-d8	8.91	136	264636	20.00	ng	0.00
38) Acenaphthene-d10	11.08	164	140859	20.00	ng	0.00
63) Phenanthrene-d10	12.92	188	291145	20.00	ng	-0.01
75) Chrysene-d12	16.23	240	332082	20.00	ng	0.00
86) Perylene-d12	18.01	264	312429	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	414580	102.32	ng	0.00
7) Phenol-d6	6.88	99	553766	106.30	ng	0.00
23) Nitrobenzene-d5	8.02	82	450198	105.79	ng	0.00
41) 2,4,6-Tribromophenol	12.07	330	150264	110.79	ng	0.00
44) 2-Fluorobiphenyl	10.26	172	1000258	110.72	ng	0.00
78) Terphenyl-d14	14.92	244	1360758	95.79	ng	-0.01

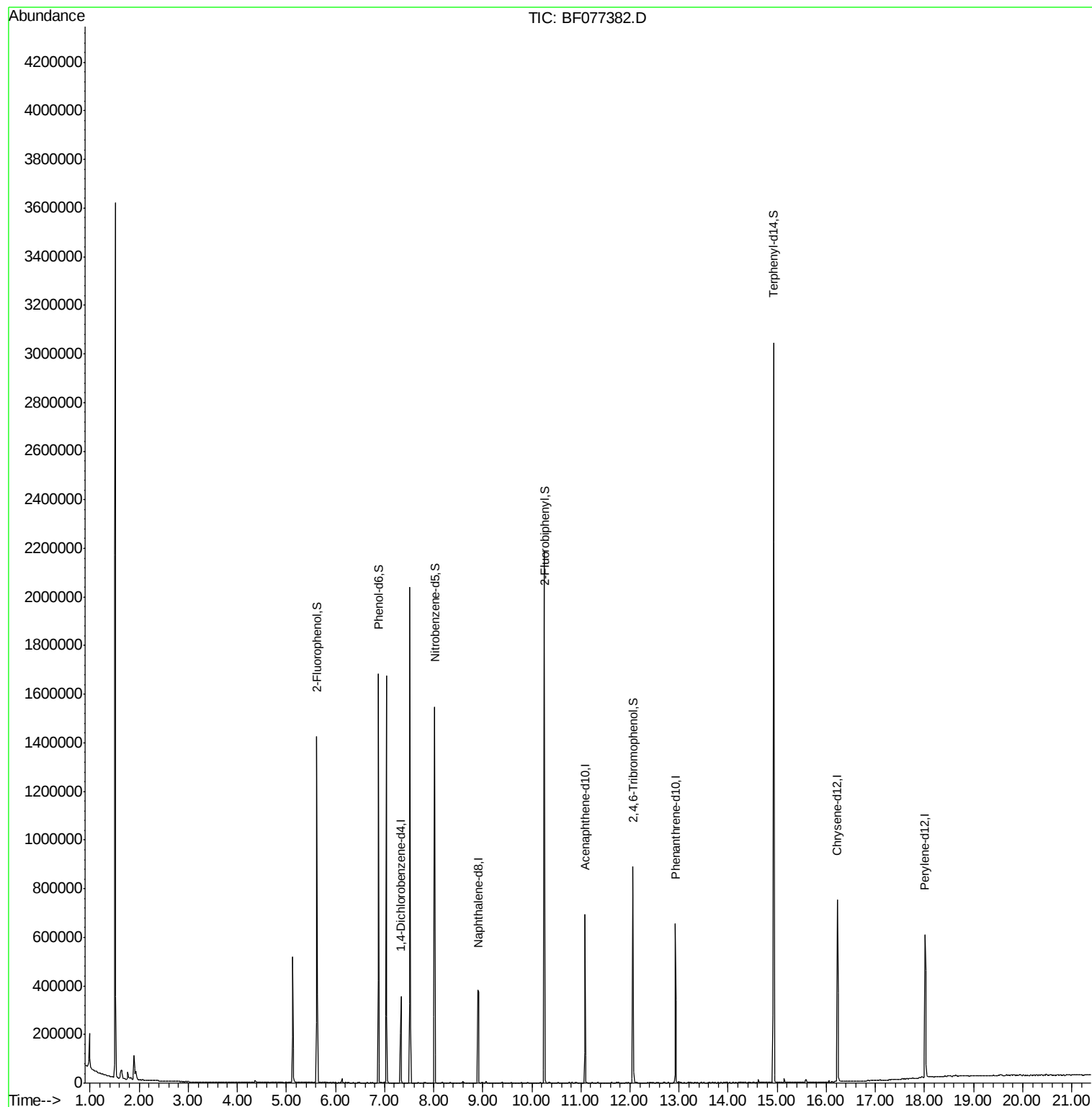
Target Compounds	Qvalue
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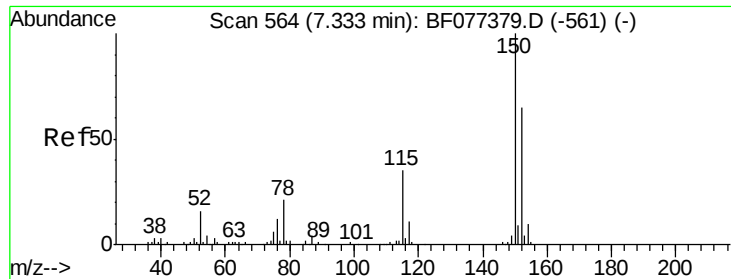
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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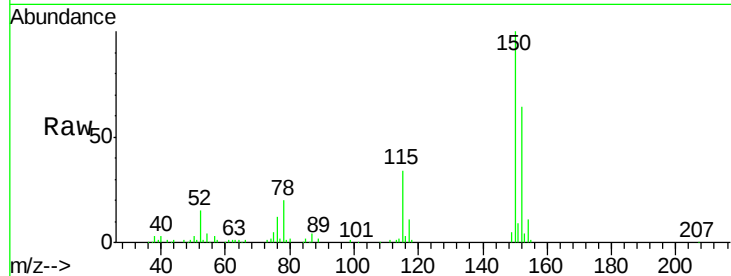


#1

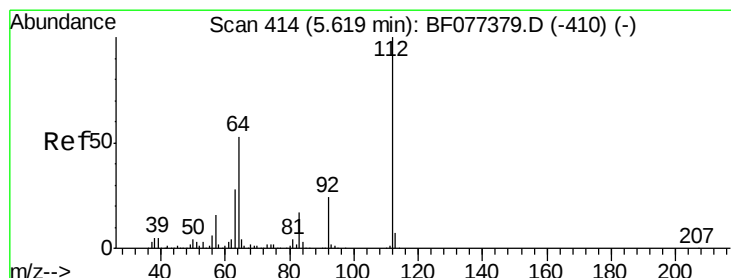
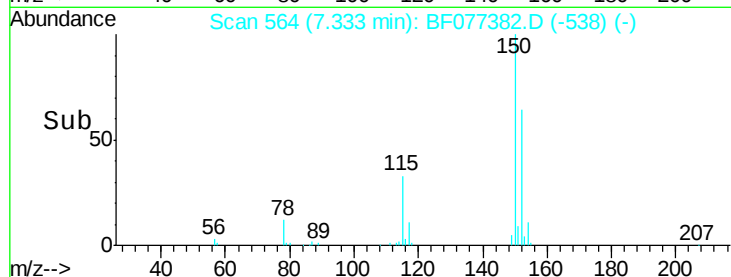
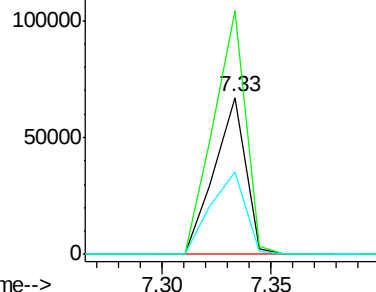
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF077382.D
Acq: 20 Feb 2015 15:24

Instrument :
BNA_F
ClientSampled :
PB81812BL

Tgt Ion:152 Resp: 67643
Ion Ratio Lower Upper
152 100
150 155.1 124.0 186.0
115 52.5 49.4 74.2



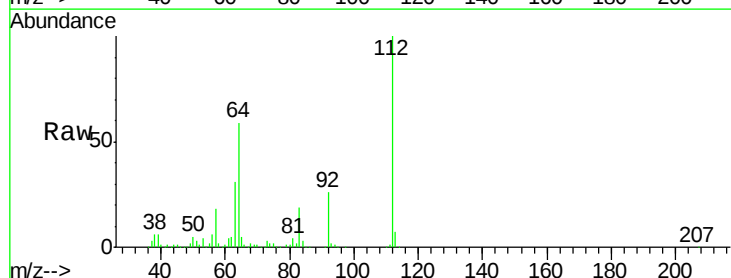
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



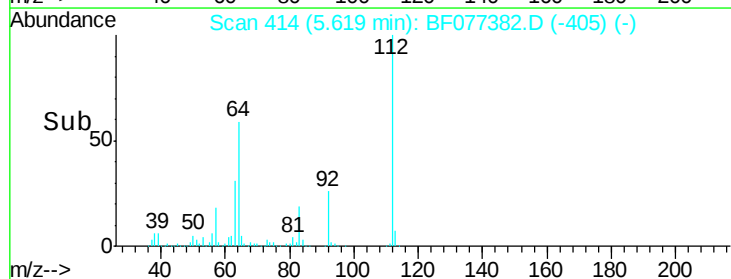
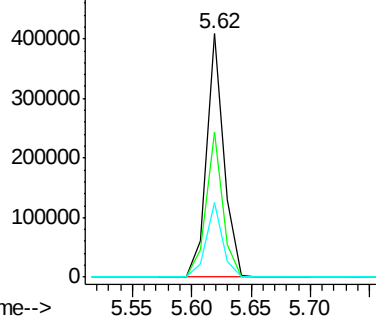
#5

2-Fluorophenol
Concen: 102.32 ng
RT: 5.62 min Scan# 414
Delta R.T. -0.00 min
Lab File: BF077382.D
Acq: 20 Feb 2015 15:24

Tgt Ion:112 Resp: 414580
Ion Ratio Lower Upper
112 100
64 59.4 48.5 72.7
63 30.8 25.0 37.4



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: 106.30 ng

RT: 6.88 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF077382.D

Acq: 20 Feb 2015 15:24

Instrument :

BNA_F

ClientSampleId :

PB81812BL

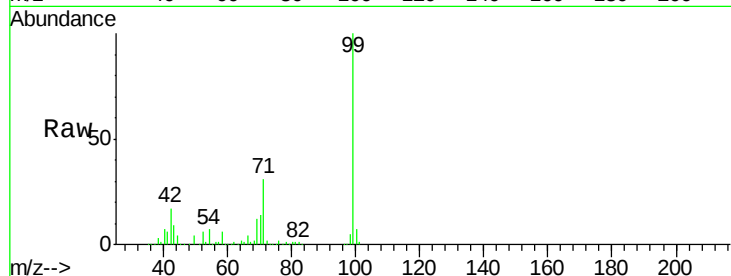
Tgt Ion: 99 Resp: 553766

Ion Ratio Lower Upper

99 100

42 17.5 16.2 24.4

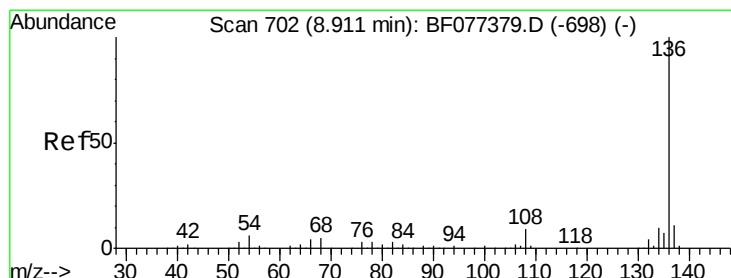
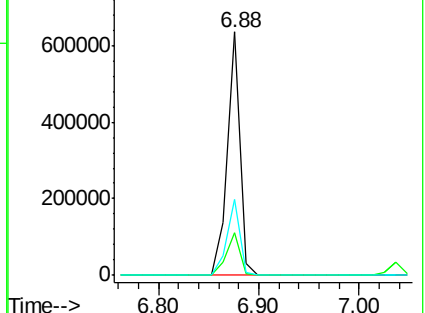
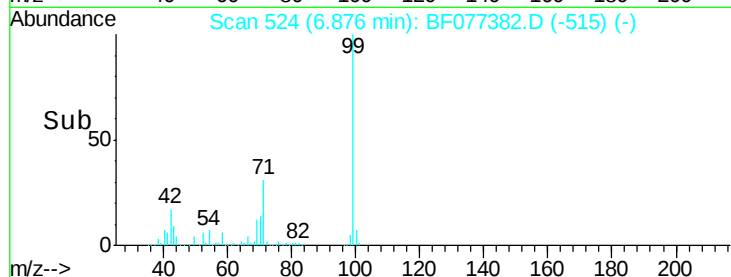
71 31.4 26.7 40.1



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: 8.91 min Scan# 702

Delta R.T. -0.00 min

Lab File: BF077382.D

Acq: 20 Feb 2015 15:24

Tgt Ion: 136 Resp: 264636

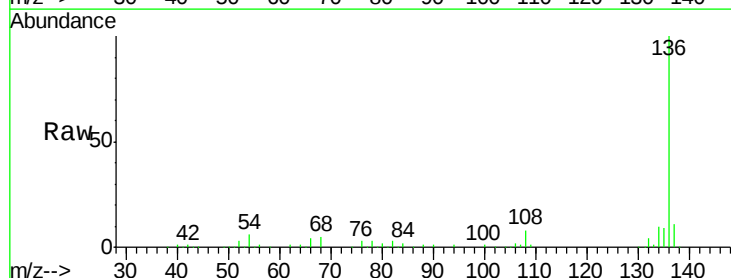
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 5.6 6.2 9.4#

68 4.8 5.0 7.6#

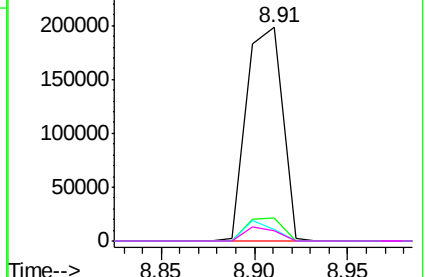
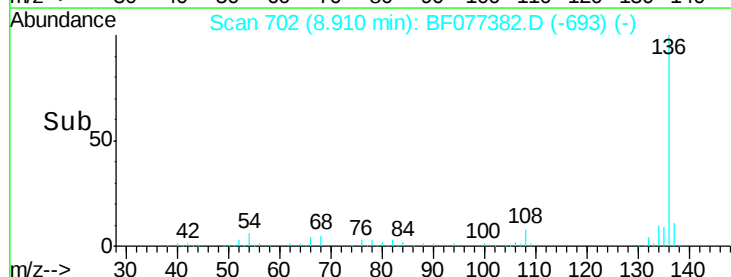


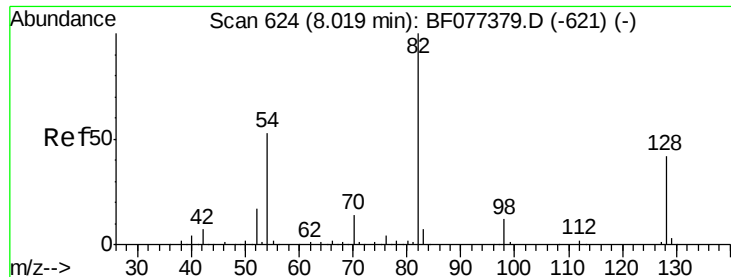
Abundance Ion 136.00 (135.70 to 136.70): E

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

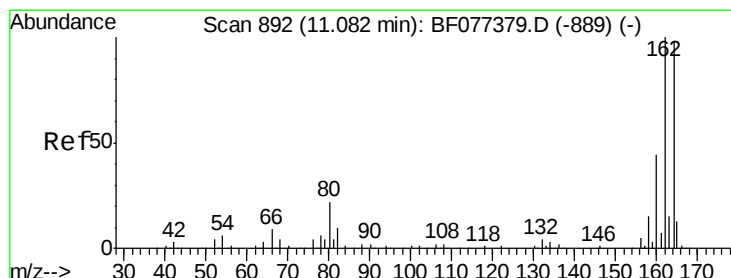
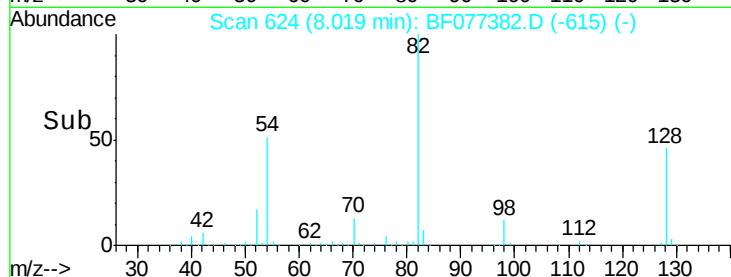
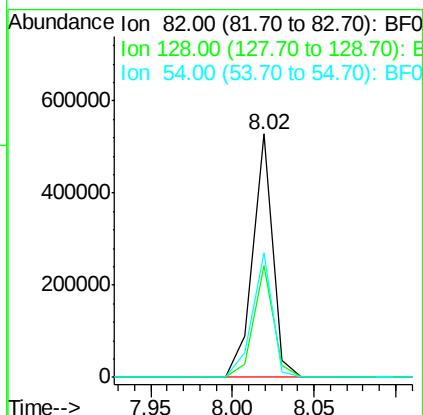
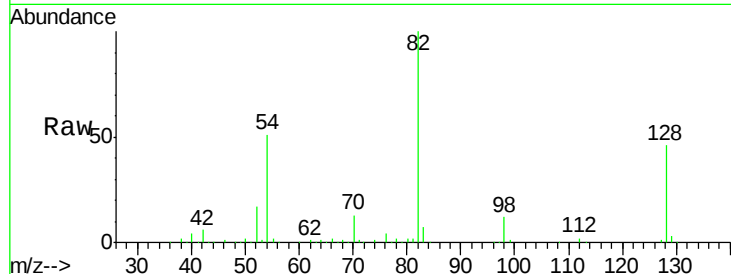




#23
 Nitrobenzene-d5
 Concen: 105.79 ng
 RT: 8.02 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF077382.D
 Acq: 20 Feb 2015 15:24

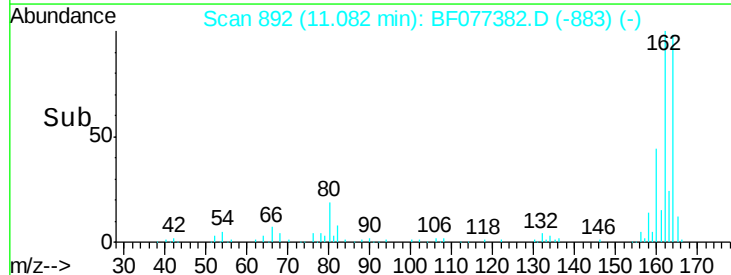
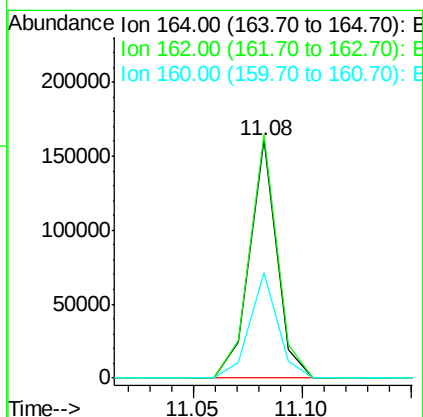
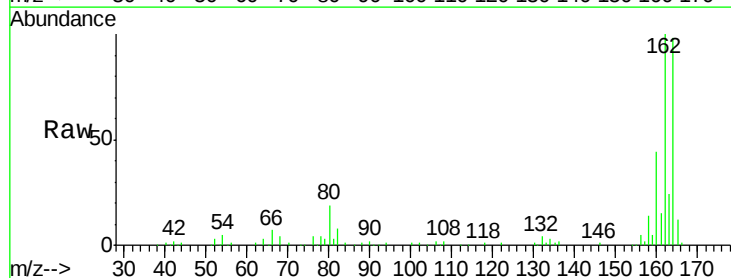
Instrument :
 BNA_F
 ClientSampleId :
 PB81812BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.1	43.8	65.8
54	50.9	36.7	55.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.08 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: BF077382.D
 Acq: 20 Feb 2015 15:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	83.2	124.8
160	44.5	34.6	52.0

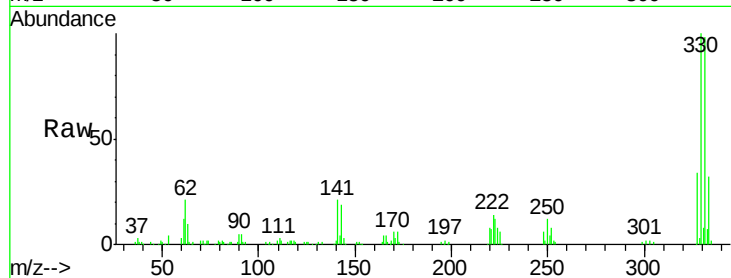




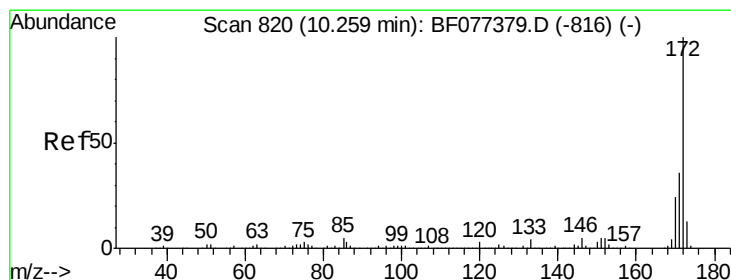
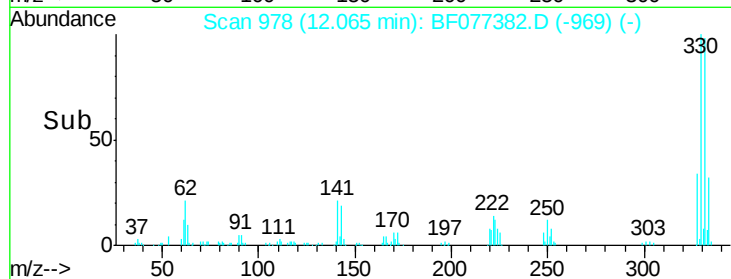
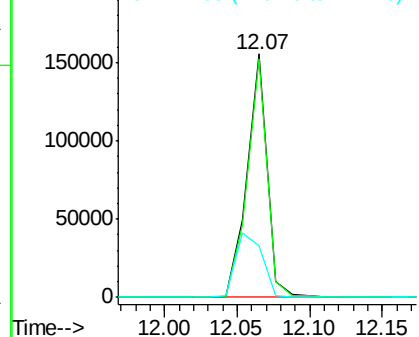
#41
 2,4,6-Tribromophenol
 Concen: 110.79 ng
 RT: 12.07 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF077382.D
 Acq: 20 Feb 2015 15:24

Instrument :
 BNA_F
 ClientSampleId :
 PB81812BL

Tgt Ion:330 Resp: 150264
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 35.2 28.8 43.2

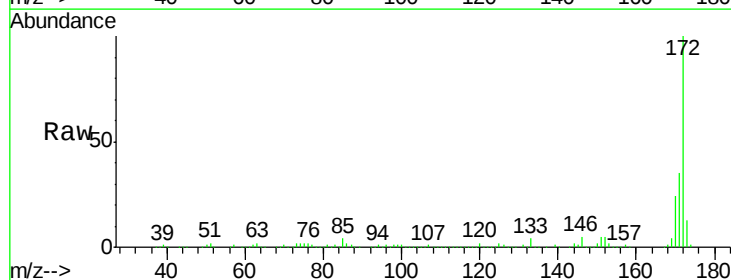


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

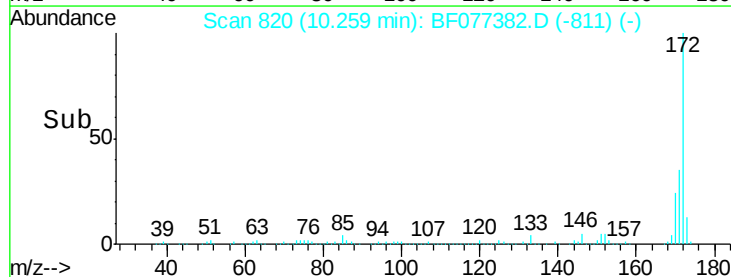
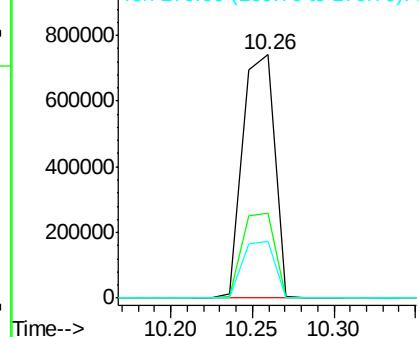


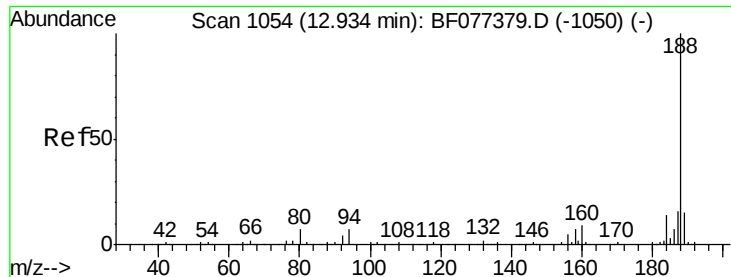
#44
 2-Fluorobiphenyl
 Concen: 110.72 ng
 RT: 10.26 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF077382.D
 Acq: 20 Feb 2015 15:24

Tgt Ion:172 Resp: 1000258
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.9 43.3
 170 23.5 19.4 29.2



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

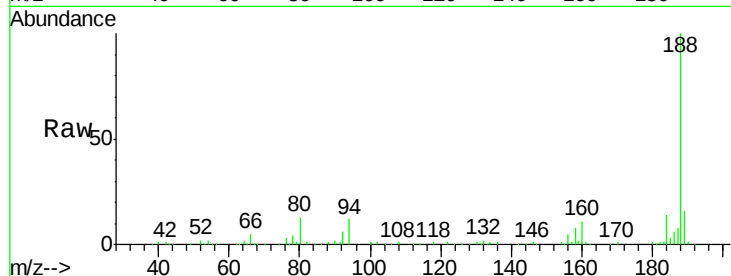




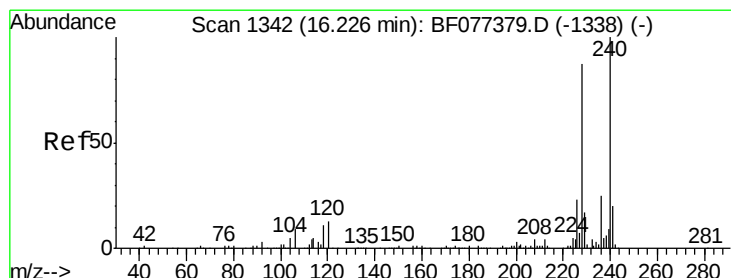
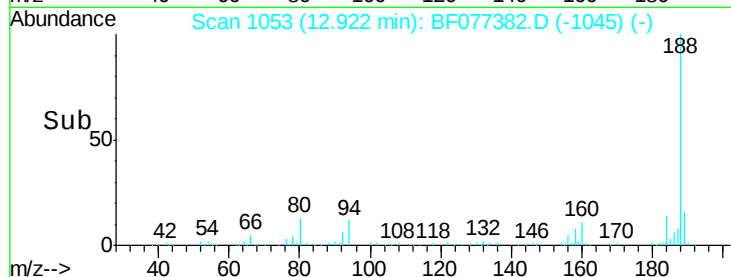
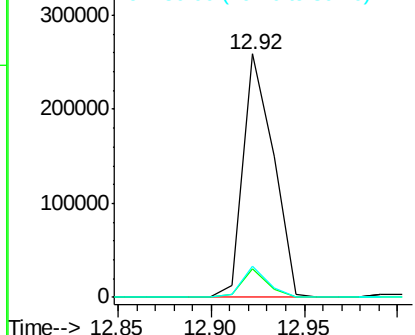
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.92 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF077382.D
Acq: 20 Feb 2015 15:24

Instrument :
BNA_F
ClientSampleId :
PB81812BL

Tgt Ion:188 Resp: 291145
Ion Ratio Lower Upper
188 100
94 11.8 7.4 11.2#
80 12.8 8.0 12.0#

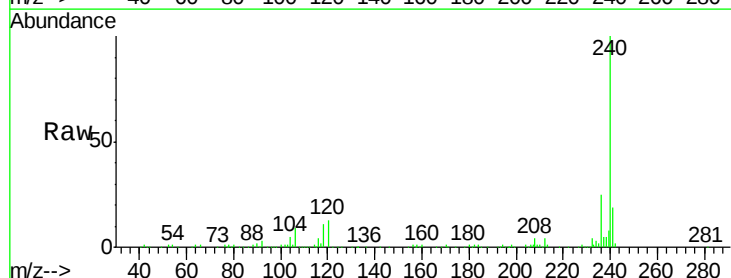


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

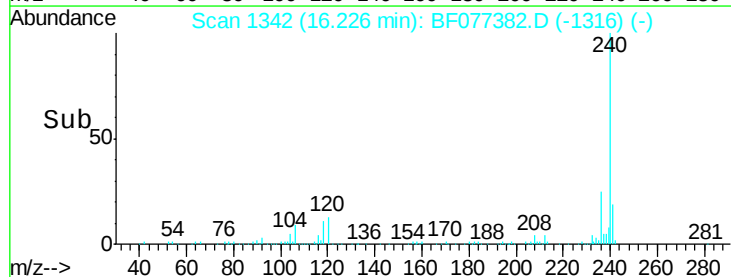
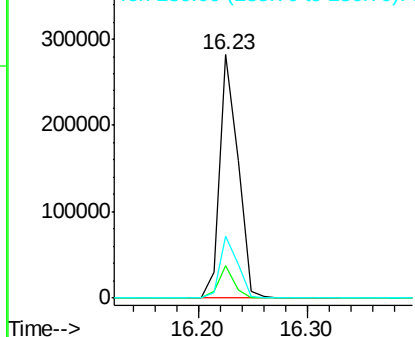


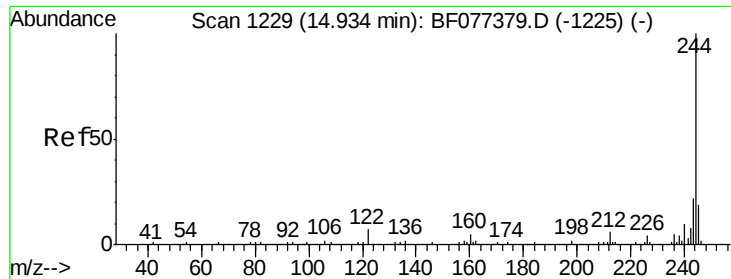
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.23 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF077382.D
Acq: 20 Feb 2015 15:24

Tgt Ion:240 Resp: 332082
Ion Ratio Lower Upper
240 100
120 13.2 8.8 13.2
236 25.3 20.7 31.1



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

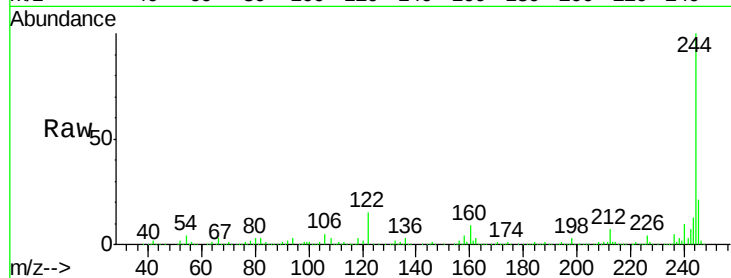




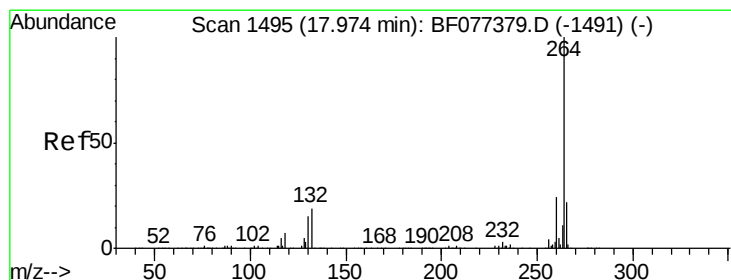
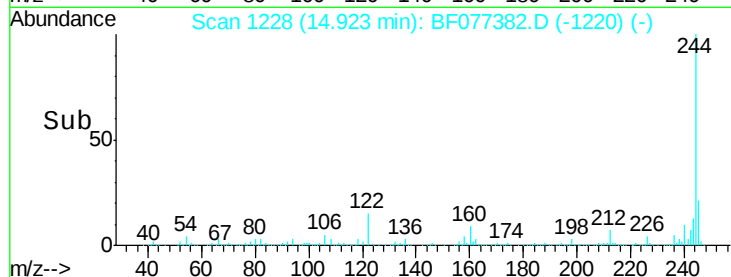
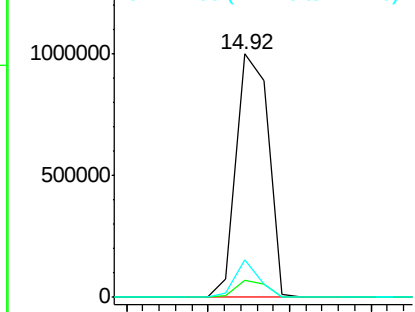
#78
 Terphenyl-d14
 Concen: 95.79 ng
 RT: 14.92 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF077382.D
 Acq: 20 Feb 2015 15:24

Instrument :
 BNA_F
 ClientSampleId :
 PB81812BL

Tgt Ion:244 Resp: 1360758
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.2 7.8
 122 15.3 7.8 11.8#

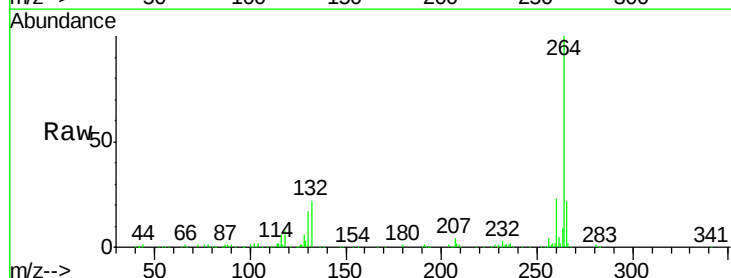


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.01 min Scan# 1498
 Delta R.T. 0.03 min
 Lab File: BF077382.D
 Acq: 20 Feb 2015 15:24

Tgt Ion:264 Resp: 312429
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.3 28.9
 265 21.8 16.8 25.2



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

