

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022015\
 Data File : BF077389.D
 Acq On : 20 Feb 2015 18:43
 Operator : TP/IZ
 Sample : PB81819BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81819BL

Quant Time: Feb 21 00:10:56 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	83221	20.00	ng	0.00
21) Naphthalene-d8	8.91	136	336975	20.00	ng	0.00
38) Acenaphthene-d10	11.08	164	177627	20.00	ng	0.00
63) Phenanthrene-d10	12.93	188	355848	20.00	ng	0.00
75) Chrysene-d12	16.23	240	322185	20.00	ng	0.00
86) Perylene-d12	18.00	264	301229	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	536977	107.72	ng	0.00
7) Phenol-d6	6.88	99	633952	98.91	ng	0.00
23) Nitrobenzene-d5	8.02	82	388798	71.75	ng	0.00
41) 2,4,6-Tribromophenol	12.07	330	195317	114.20	ng	0.00
44) 2-Fluorobiphenyl	10.26	172	945386	82.99	ng	0.00
78) Terphenyl-d14	14.93	244	1060592	76.96	ng	0.00

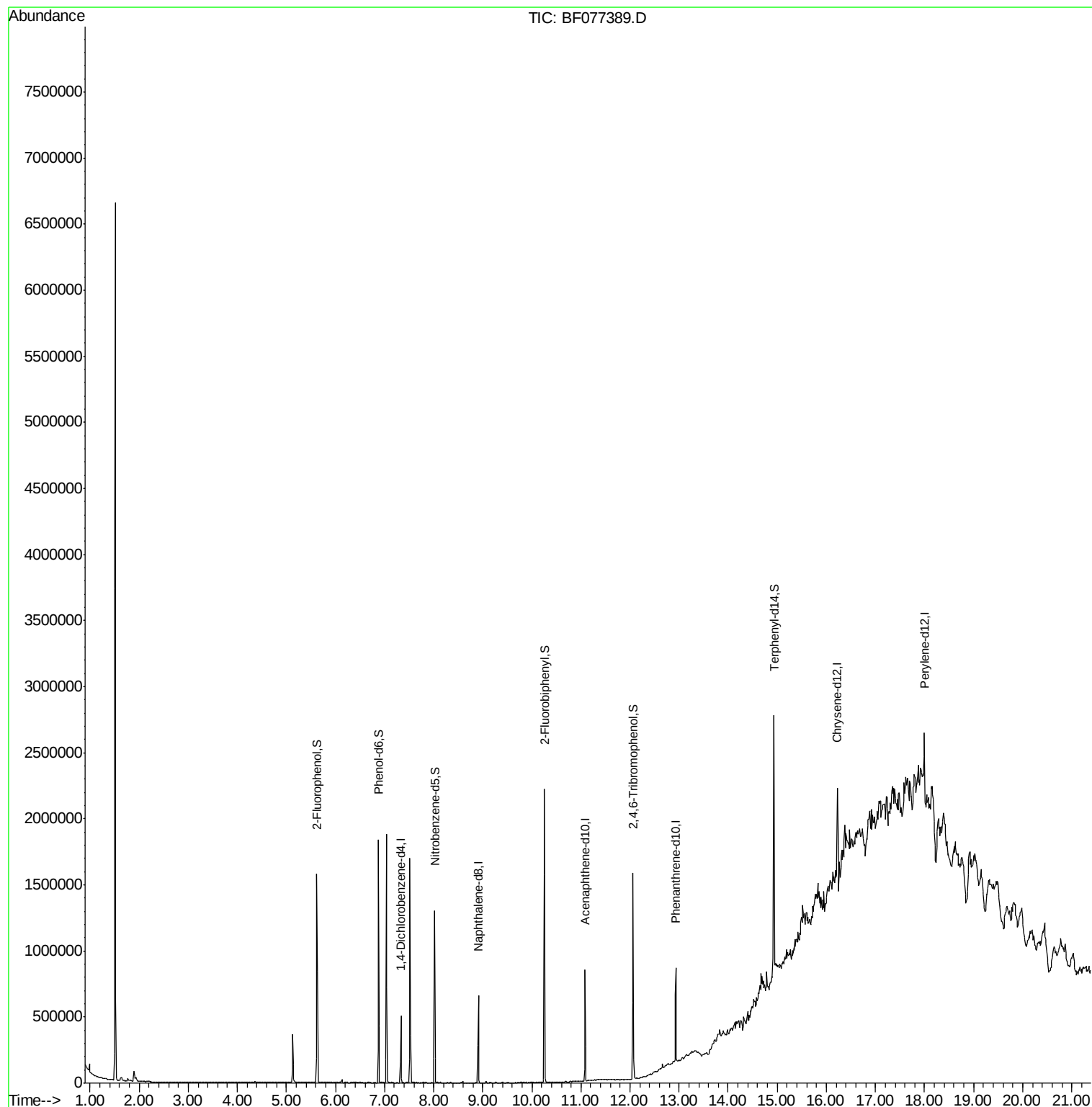
Target Compounds	Qvalue
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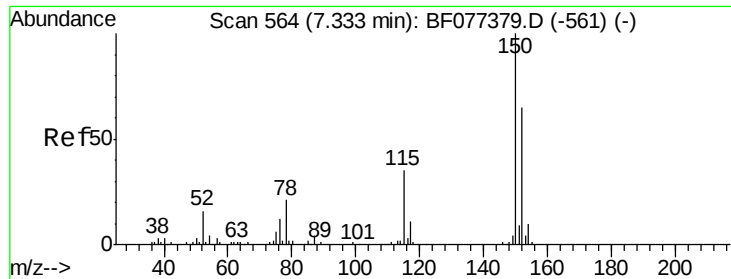
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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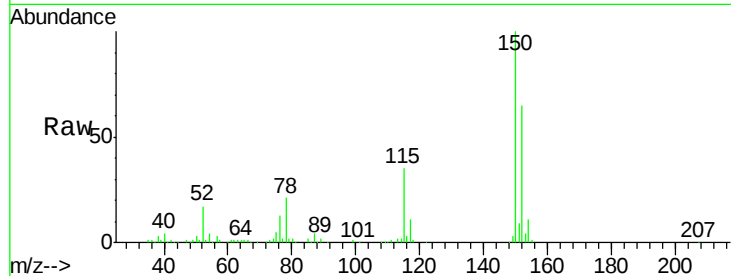


#1

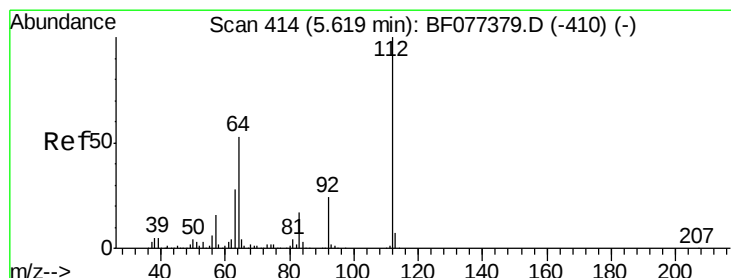
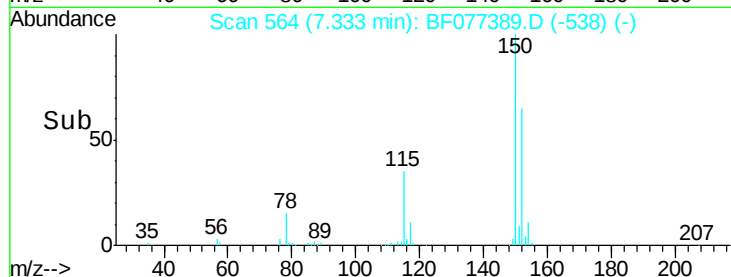
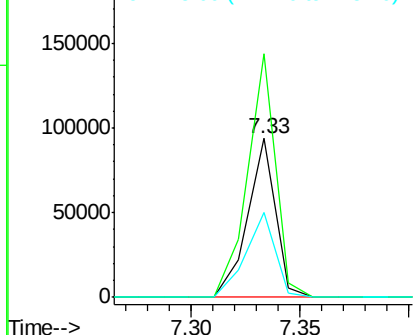
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.33 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: BF077389.D
 Acq: 20 Feb 2015 18:43

Instrument :
 BNA_F
 ClientSampleId :
 PB81819BL

Tgt Ion:152 Resp: 83221
 Ion Ratio Lower Upper
 152 100
 150 153.5 124.0 186.0
 115 53.8 49.4 74.2



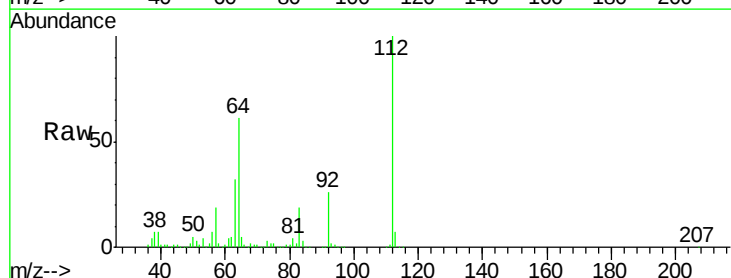
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



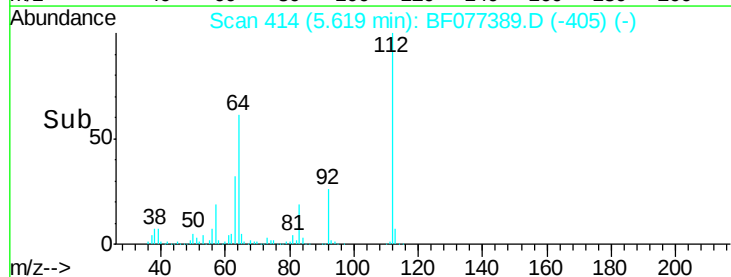
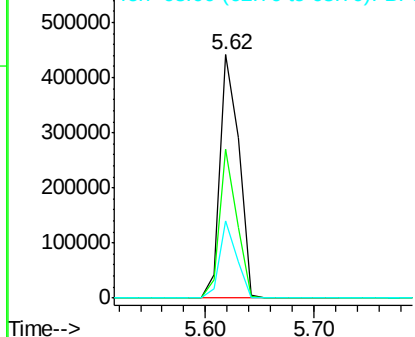
#5

2-Fluorophenol
 Concen: 107.72 ng
 RT: 5.62 min Scan# 414
 Delta R.T. 0.00 min
 Lab File: BF077389.D
 Acq: 20 Feb 2015 18:43

Tgt Ion:112 Resp: 536977
 Ion Ratio Lower Upper
 112 100
 64 61.3 48.5 72.7
 63 31.8 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: 98.91 ng

RT: 6.88 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF077389.D

Acq: 20 Feb 2015 18:43

Instrument :

BNA_F

ClientSampleId :

PB81819BL

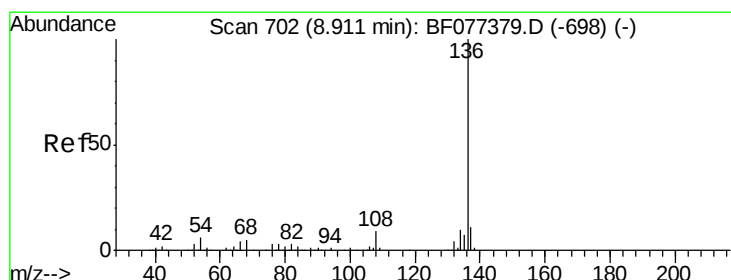
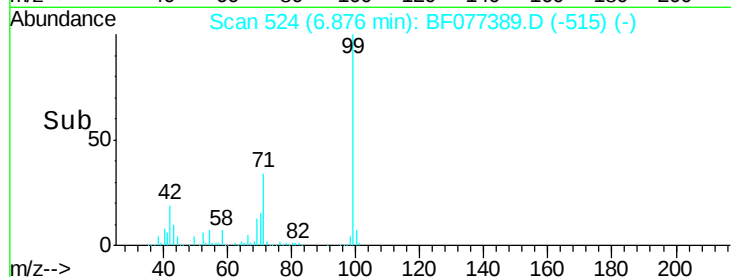
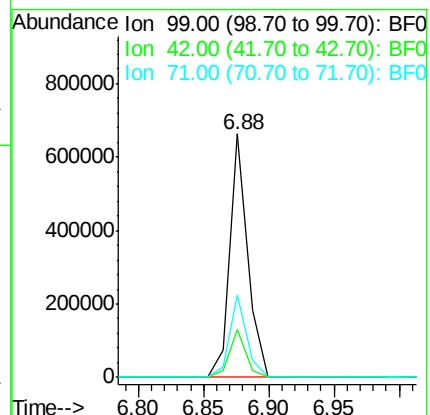
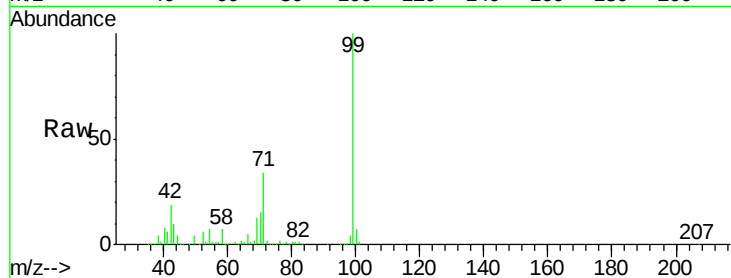
Tgt Ion: 99 Resp: 633952

Ion Ratio Lower Upper

99 100

42 19.4 16.2 24.4

71 34.0 26.7 40.1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.91 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF077389.D

Acq: 20 Feb 2015 18:43

Tgt Ion: 136 Resp: 336975

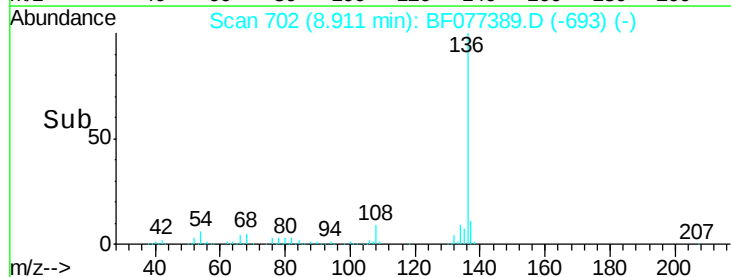
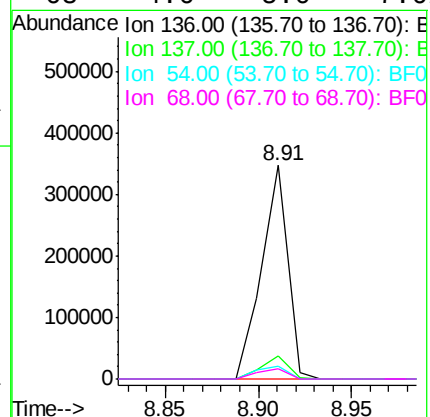
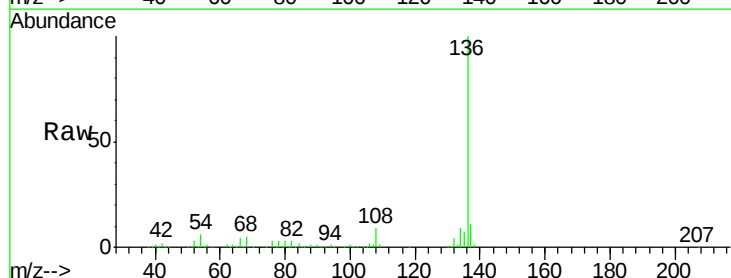
Ion Ratio Lower Upper

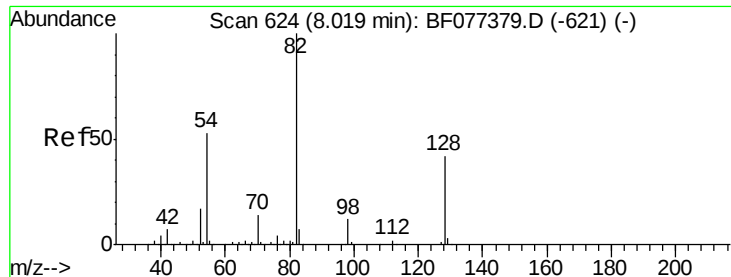
136 100

137 10.8 8.6 13.0

54 5.8 6.2 9.4#

68 4.6 5.0 7.6#

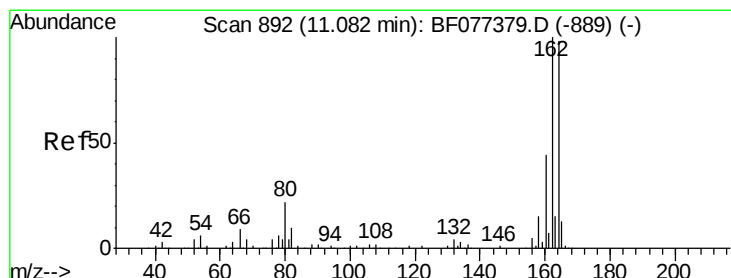
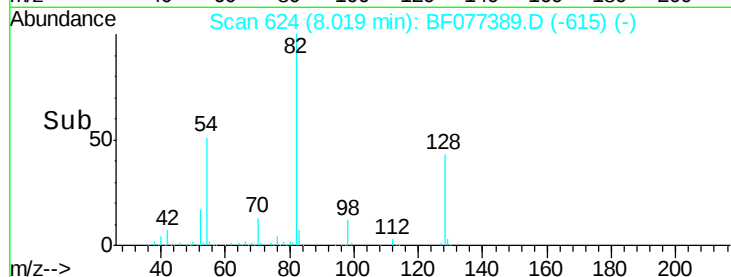
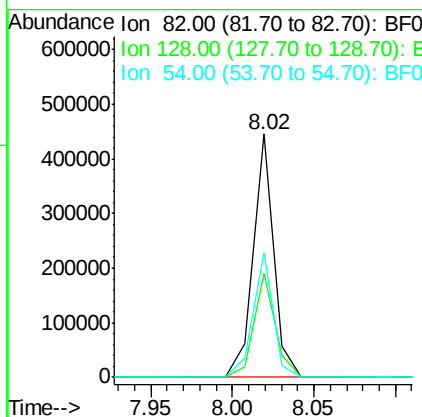
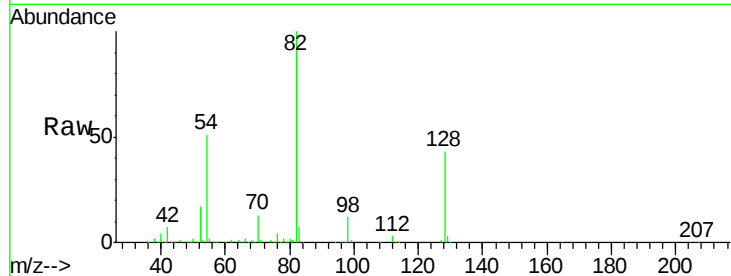




#23
 Nitrobenzene-d5
 Concen: 71.75 ng
 RT: 8.02 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF077389.D
 Acq: 20 Feb 2015 18:43

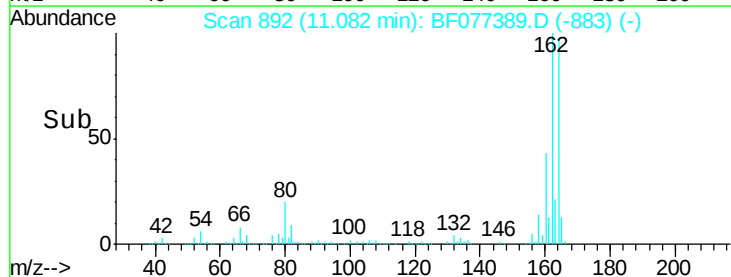
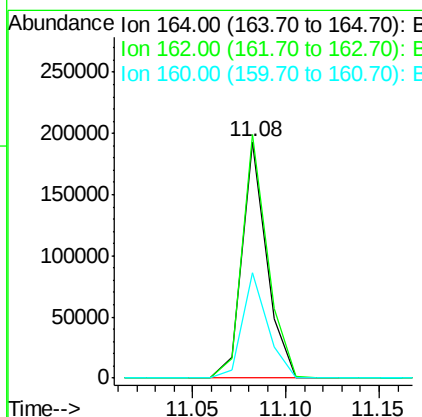
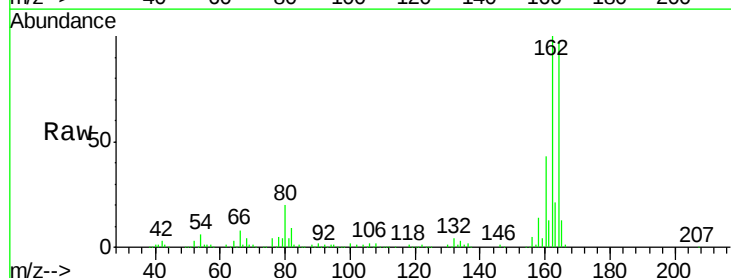
Instrument :
 BNA_F
 ClientSampleId :
 PB81819BL

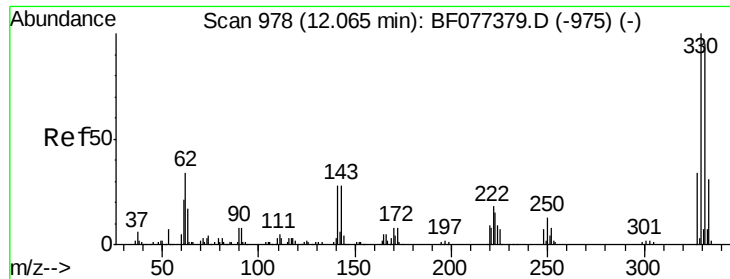
Tgt Ion: 82 Resp: 388798
 Ion Ratio Lower Upper
 82 100
 128 42.9 43.8 65.8#
 54 51.1 36.7 55.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.08 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BF077389.D
 Acq: 20 Feb 2015 18:43

Tgt Ion: 164 Resp: 177627
 Ion Ratio Lower Upper
 164 100
 162 103.0 83.2 124.8
 160 44.4 34.6 52.0

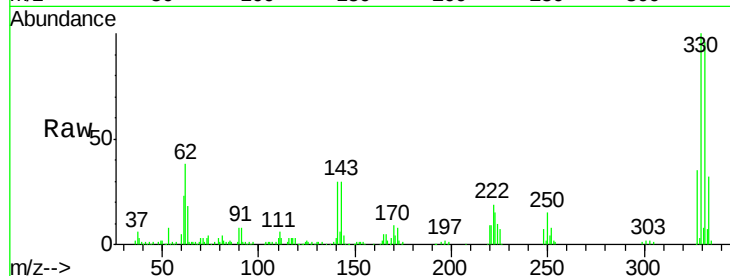




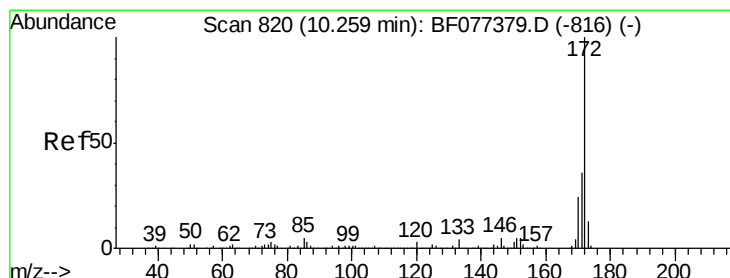
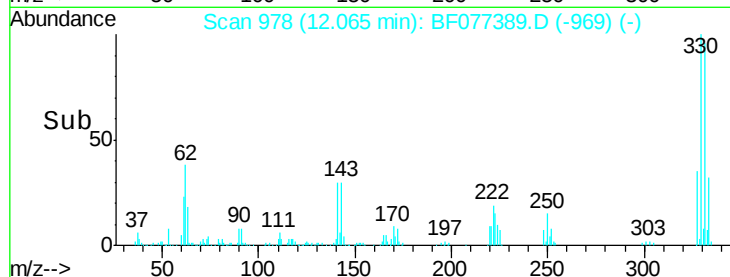
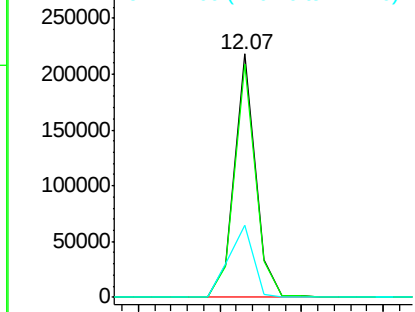
#41
 2,4,6-Tribromophenol
 Concen: 114.20 ng
 RT: 12.07 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF077389.D
 Acq: 20 Feb 2015 18:43

Instrument :
 BNA_F
 ClientSampleId :
 PB81819BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.2
141	35.2	28.8	43.2

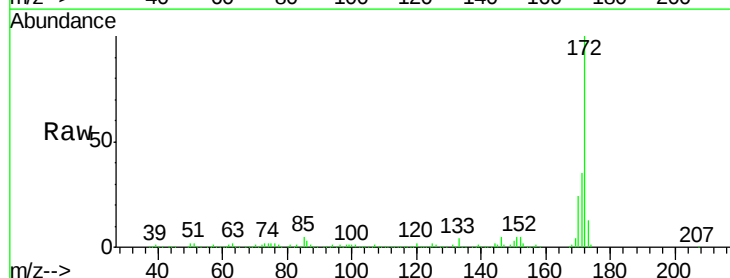


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

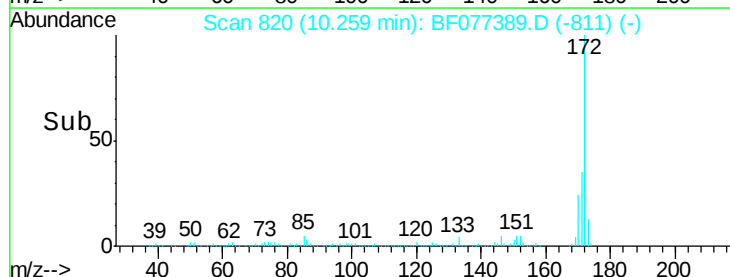
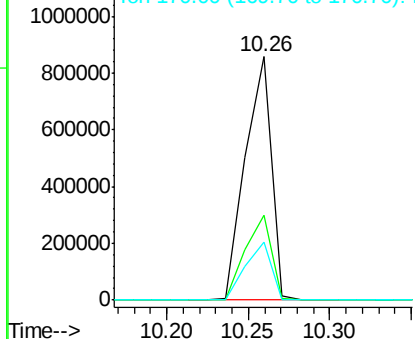


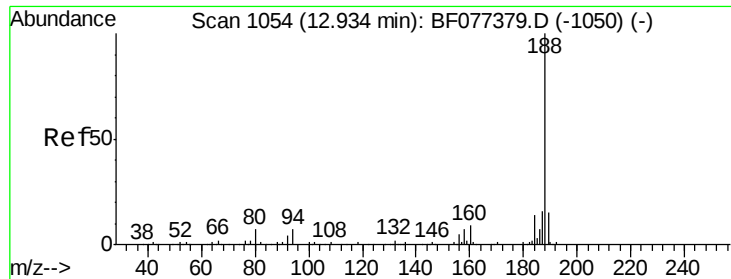
#44
 2-Fluorobiphenyl
 Concen: 82.99 ng
 RT: 10.26 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF077389.D
 Acq: 20 Feb 2015 18:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.9	43.3
170	23.6	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

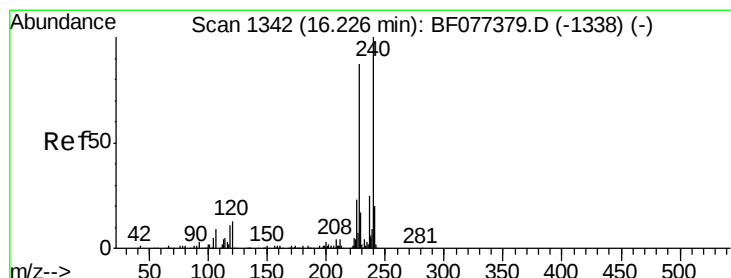
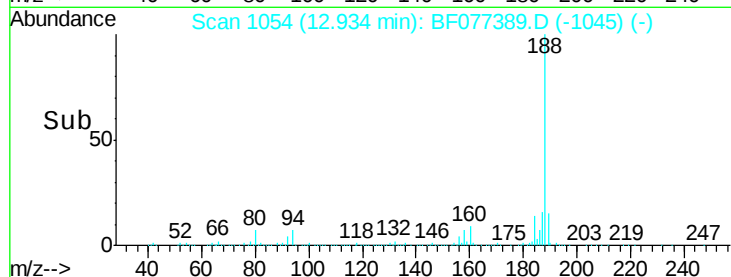
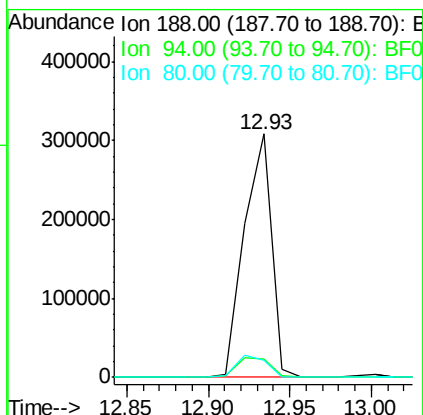
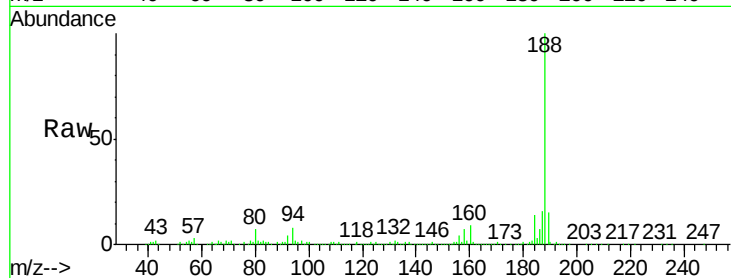




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.93 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF077389.D
Acq: 20 Feb 2015 18:43

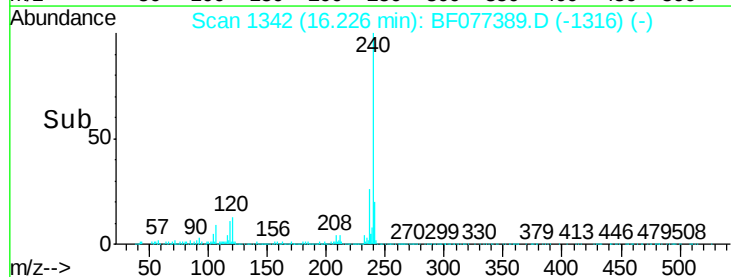
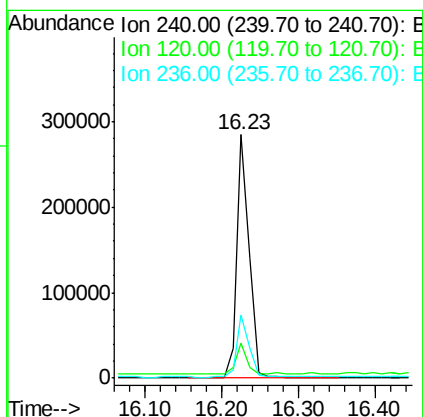
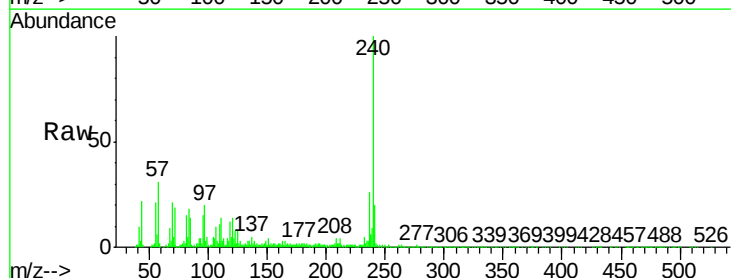
Instrument :
BNA_F
ClientSampleId :
PB81819BL

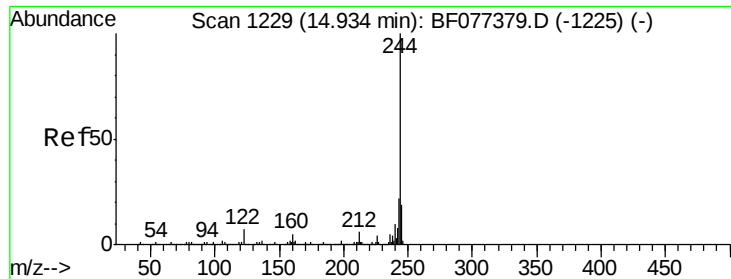
Tgt Ion:188 Resp: 355848
Ion Ratio Lower Upper
188 100
94 7.5 7.4 11.2
80 7.2 8.0 12.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.23 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF077389.D
Acq: 20 Feb 2015 18:43

Tgt Ion:240 Resp: 322185
Ion Ratio Lower Upper
240 100
120 14.3 8.8 13.2#
236 26.0 20.7 31.1





#78

Terphenyl-d14

Concen: 76.96 ng

RT: 14.93 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF077389.D

Acq: 20 Feb 2015 18:43

Instrument :

BNA_F

ClientSampleId :

PB81819BL

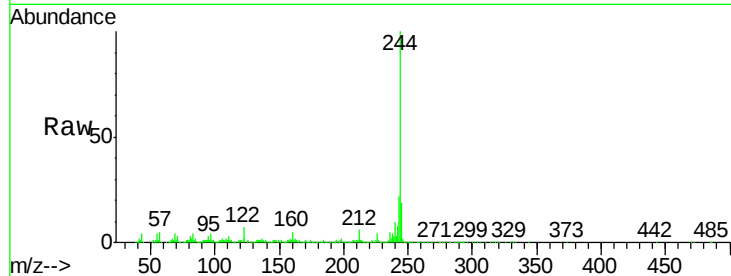
Tgt Ion:244 Resp: 1060592

Ion Ratio Lower Upper

244 100

212 6.0 5.2 7.8

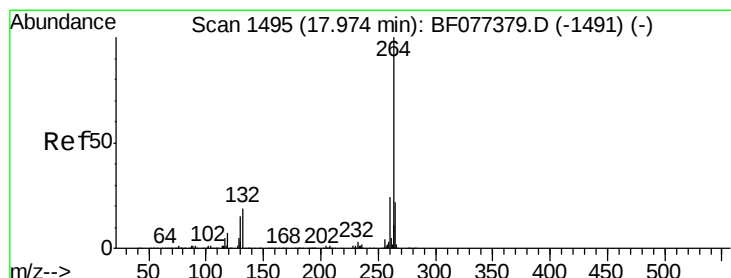
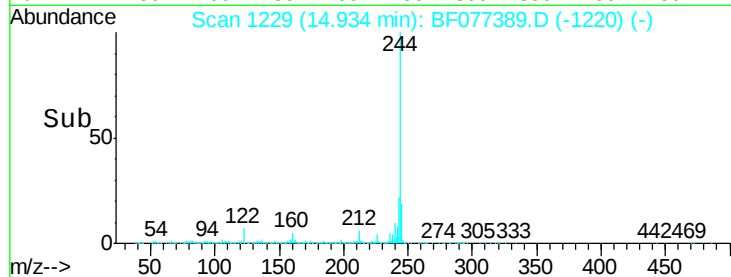
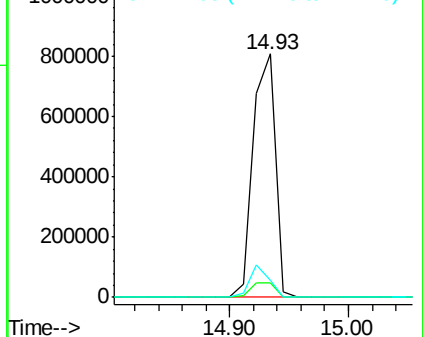
122 7.2 7.8 11.8#



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: 18.00 min Scan# 1497

Delta R.T. 0.02 min

Lab File: BF077389.D

Acq: 20 Feb 2015 18:43

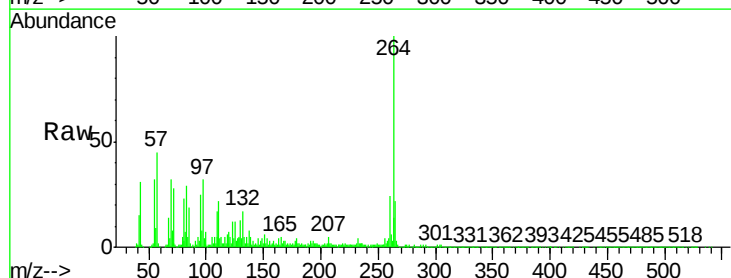
Tgt Ion:264 Resp: 301229

Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

265 22.4 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

