

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030315\
 Data File : BF077543.D
 Acq On : 3 Mar 2015 14:03
 Operator : TP/IZ
 Sample : PB81931BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81931BL

Quant Time: Mar 04 01:10:46 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 03 23:57:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	74185	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	276916	20.00	ng	0.00
38) Acenaphthene-d10	10.99	164	146477	20.00	ng	0.00
63) Phenanthrene-d10	12.83	188	282142	20.00	ng	0.00
75) Chrysene-d12	16.13	240	337359	20.00	ng	-0.02
86) Perylene-d12	17.91	264	322774	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	439287	98.86	ng	0.00
7) Phenol-d6	6.80	99	547156	95.77	ng	0.00
23) Nitrobenzene-d5	7.93	82	281243	63.16	ng	0.00
41) 2,4,6-Tribromophenol	11.97	330	129615	91.90	ng	0.00
44) 2-Fluorobiphenyl	10.16	172	625263	66.56	ng	0.00
78) Terphenyl-d14	14.83	244	756531	52.43	ng	0.00

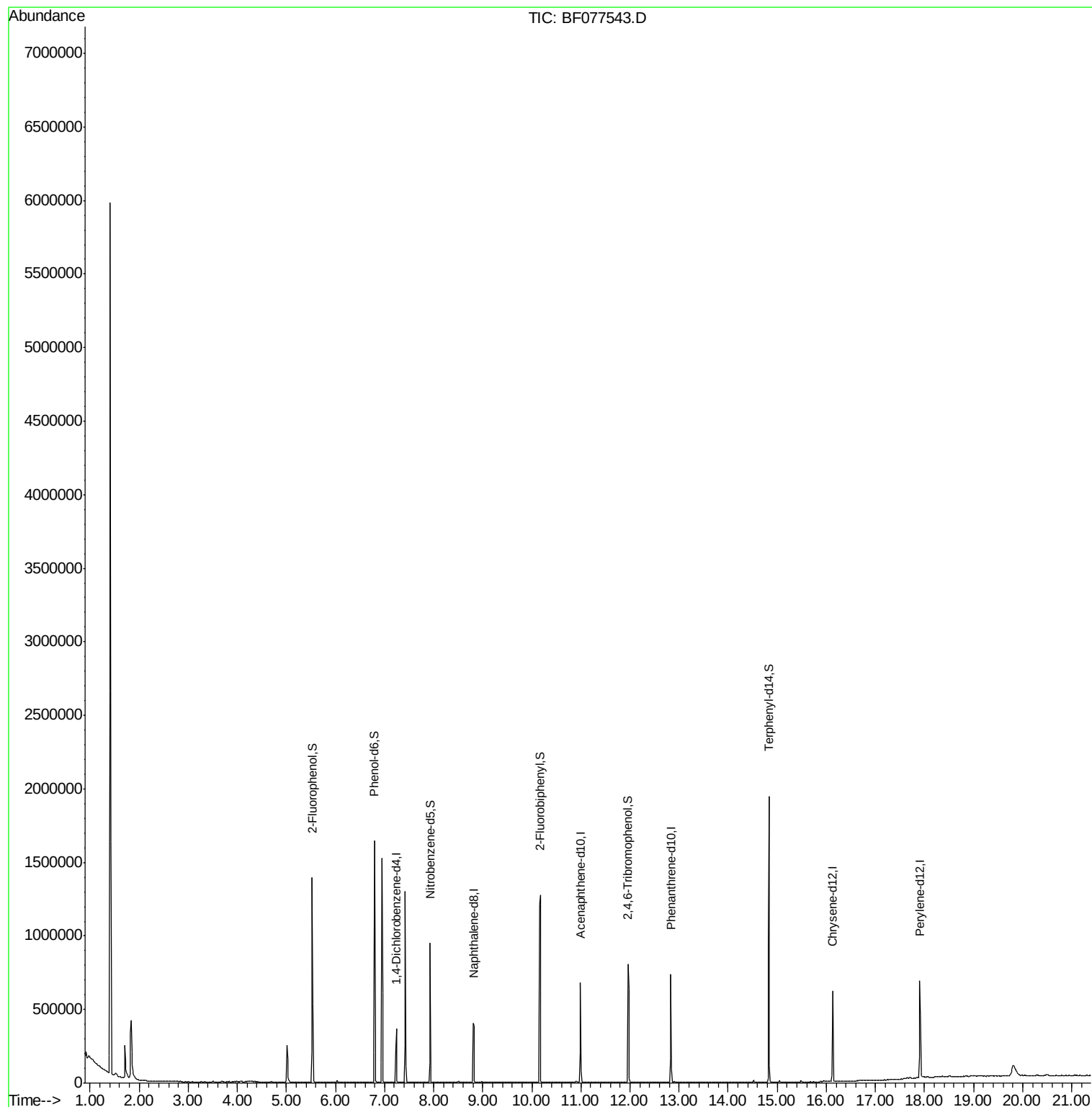
Target Compounds	Qvalue
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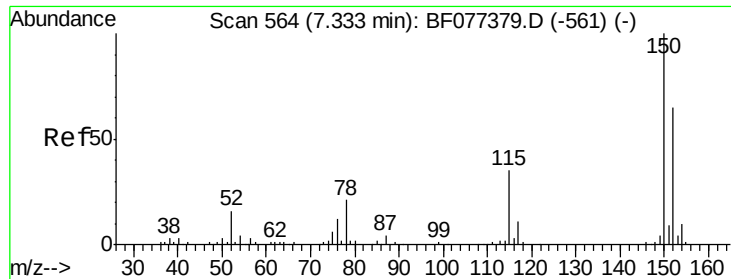
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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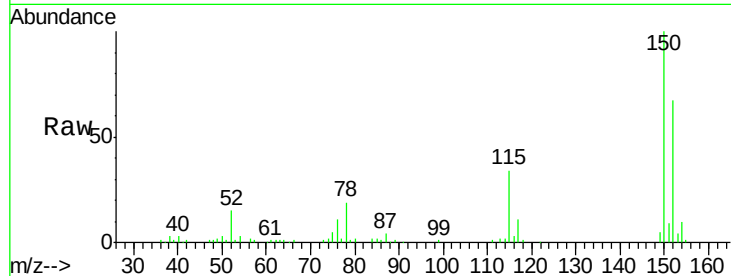


#1

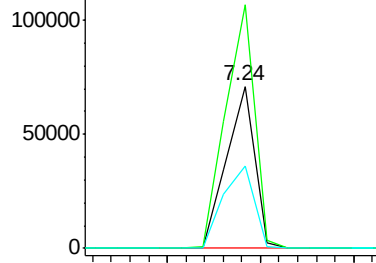
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.24 min Scan# 556
Delta R.T. -0.00 min
Lab File: BF077543.D
Acq: 3 Mar 2015 14:03

Instrument :
BNA_F
ClientSampled :
PB81931BL

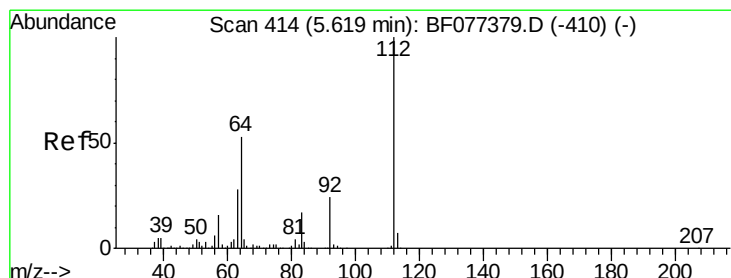
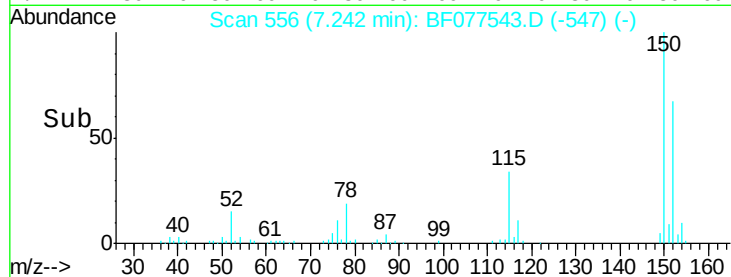
Tgt Ion:152 Resp: 74185
Ion Ratio Lower Upper
152 100
150 150.2 124.0 186.0
115 50.9 49.4 74.2



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



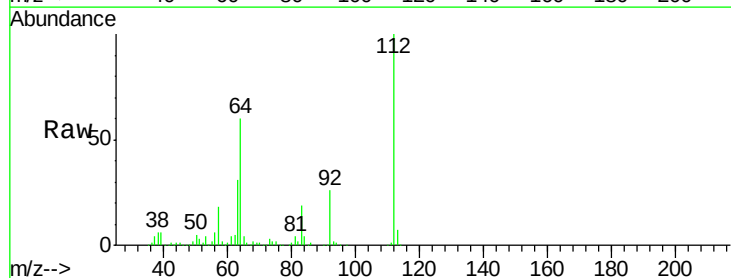
Time-->



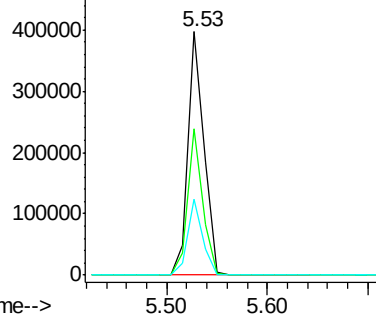
#5

2-Fluorophenol
Concen: 98.86 ng
RT: 5.53 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF077543.D
Acq: 3 Mar 2015 14:03

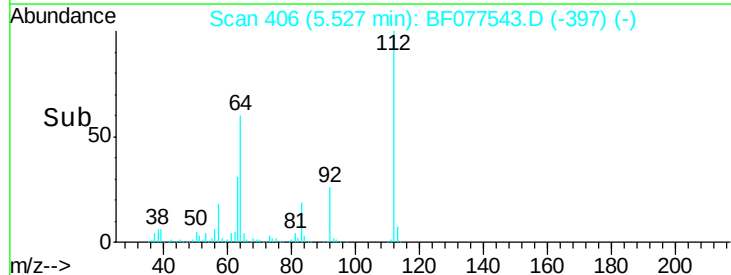
Tgt Ion:112 Resp: 439287
Ion Ratio Lower Upper
112 100
64 60.3 48.5 72.7
63 31.3 25.0 37.4

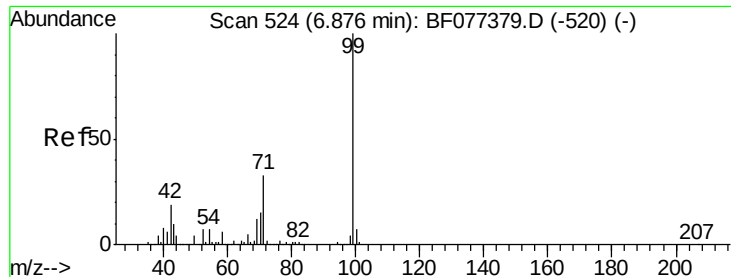


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



Time-->





#7

Phenol-d6

Concen: 95.77 ng

RT: 6.80 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF077543.D

Acq: 3 Mar 2015 14:03

Instrument :

BNA_F

ClientSampleId :

PB81931BL

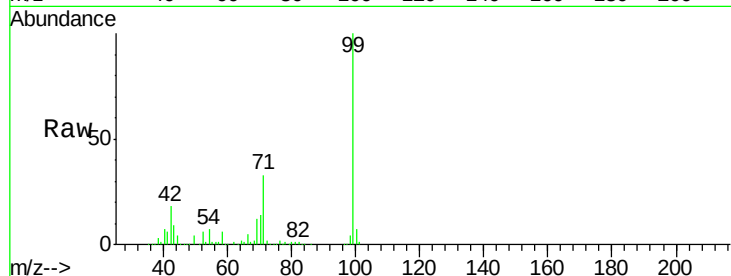
Tgt Ion: 99 Resp: 547156

Ion Ratio Lower Upper

99 100

42 18.5 16.2 24.4

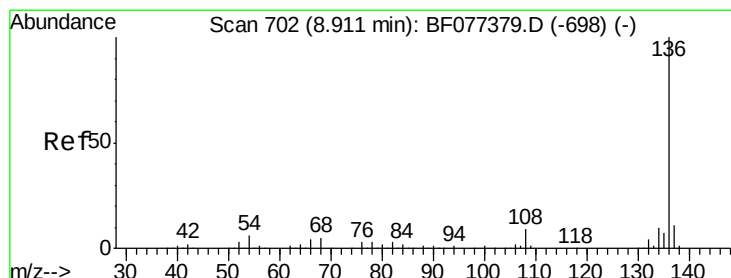
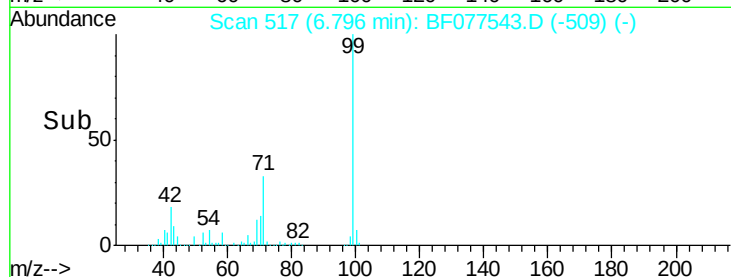
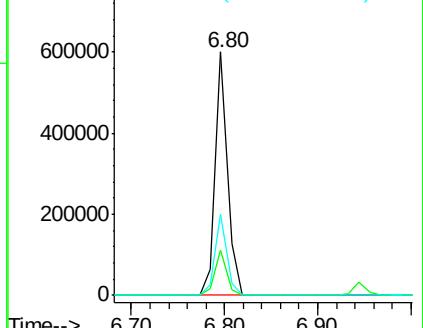
71 33.4 26.7 40.1



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: 8.81 min Scan# 694

Delta R.T. -0.00 min

Lab File: BF077543.D

Acq: 3 Mar 2015 14:03

Tgt Ion: 136 Resp: 276916

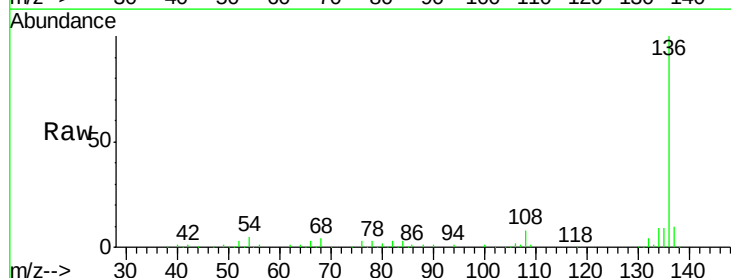
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 5.3 6.2 9.4#

68 4.0 5.0 7.6#

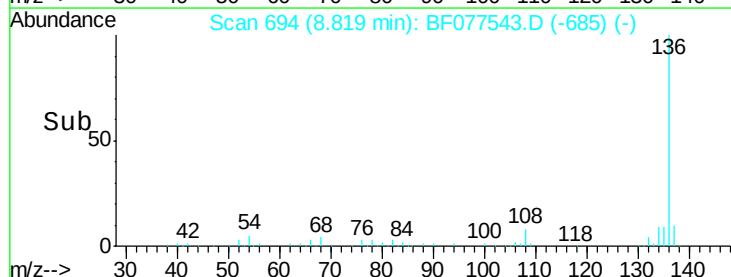
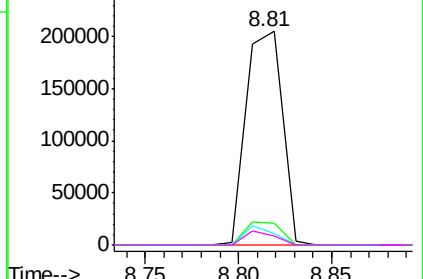


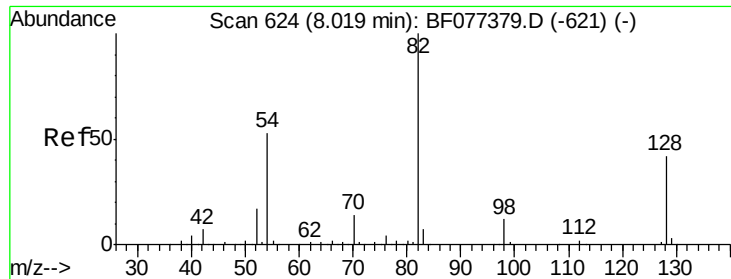
Abundance Ion 136.00 (135.70 to 136.70): E

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

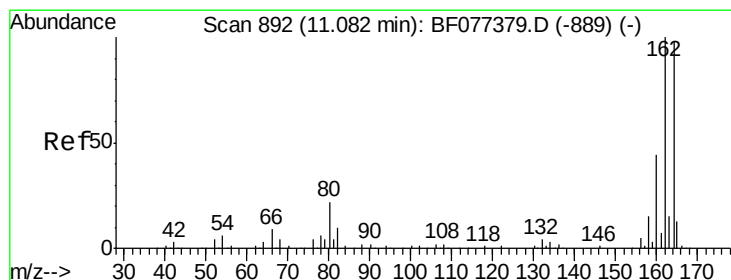
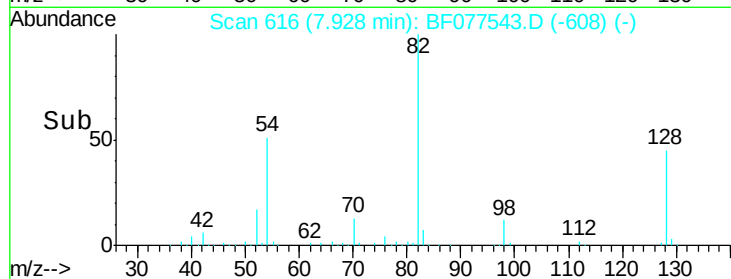
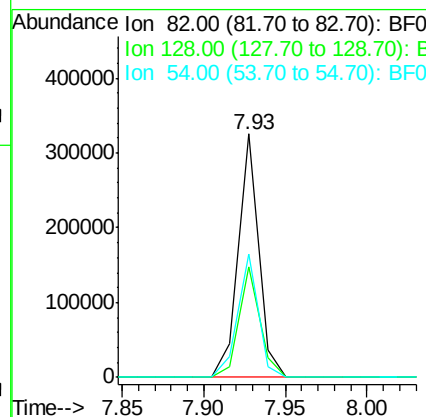
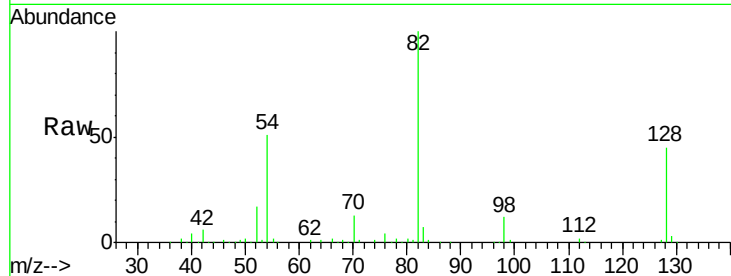




#23
 Nitrobenzene-d5
 Concen: 63.16 ng
 RT: 7.93 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF077543.D
 Acq: 3 Mar 2015 14:03

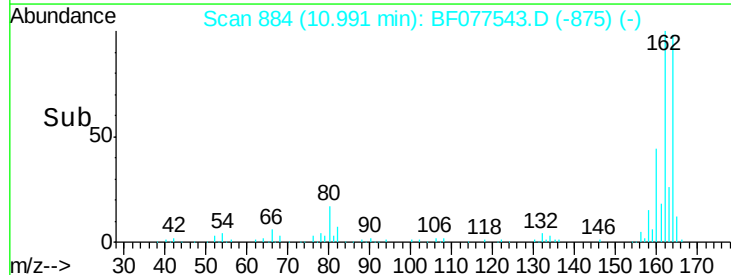
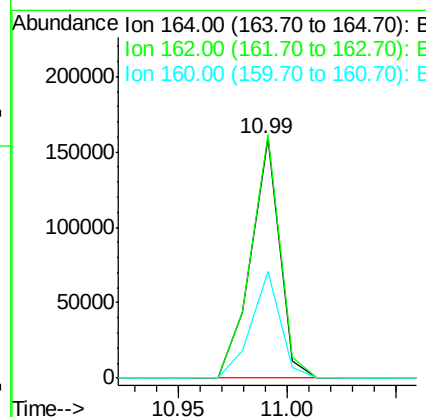
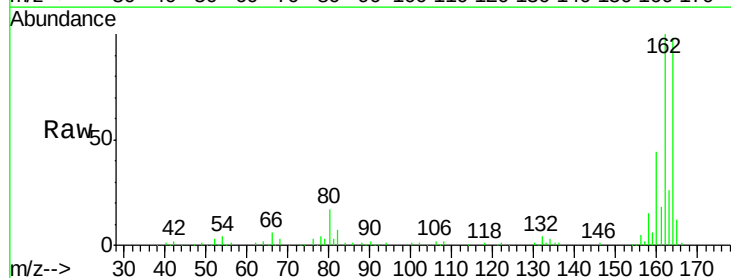
Instrument :
 BNA_F
 ClientSampleId :
 PB81931BL

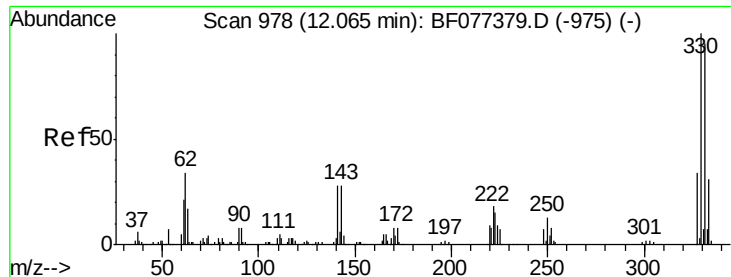
Tgt Ion: 82 Resp: 281243
 Ion Ratio Lower Upper
 82 100
 128 45.3 43.8 65.8
 54 50.7 36.7 55.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.99 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BF077543.D
 Acq: 3 Mar 2015 14:03

Tgt Ion: 164 Resp: 146477
 Ion Ratio Lower Upper
 164 100
 162 101.8 83.2 124.8
 160 44.5 34.6 52.0

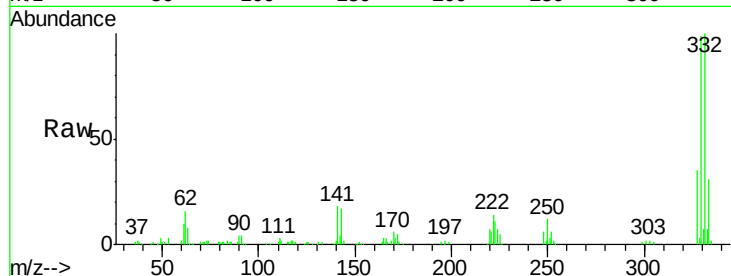




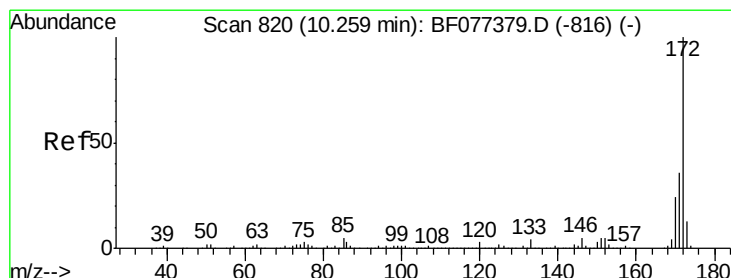
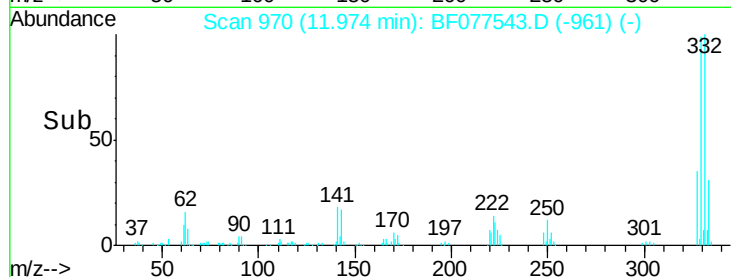
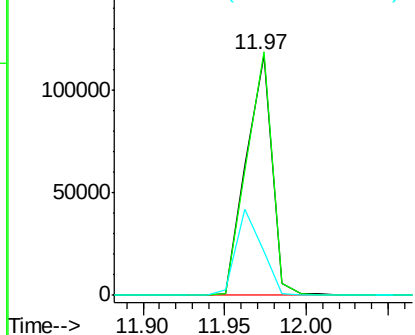
#41
 2,4,6-Tribromophenol
 Concen: 91.90 ng
 RT: 11.97 min Scan# 970
 Delta R.T. -0.00 min
 Lab File: BF077543.D
 Acq: 3 Mar 2015 14:03

Instrument :
 BNA_F
 ClientSampleId :
 PB81931BL

Tgt Ion:330 Resp: 129615
 Ion Ratio Lower Upper
 330 100
 332 99.3 77.4 116.2
 141 35.5 28.8 43.2

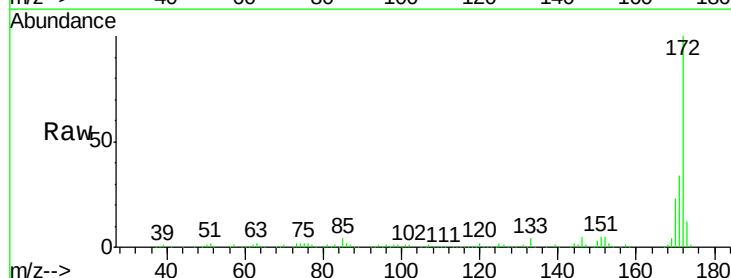


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

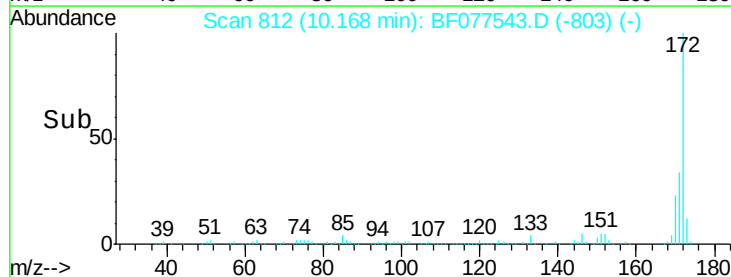
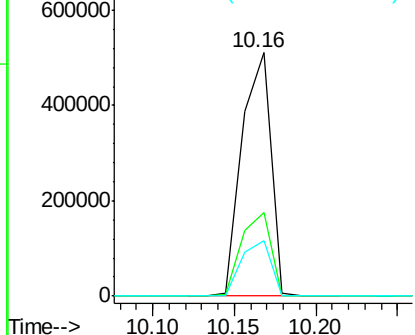


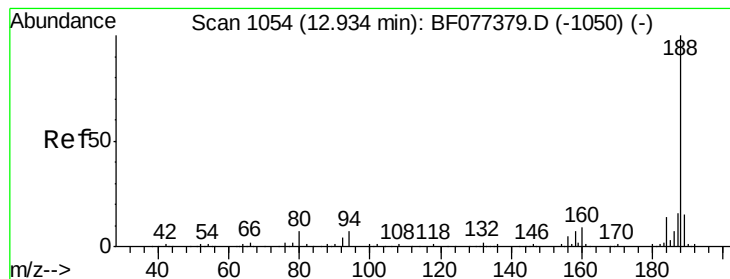
#44
 2-Fluorobiphenyl
 Concen: 66.56 ng
 RT: 10.16 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF077543.D
 Acq: 3 Mar 2015 14:03

Tgt Ion:172 Resp: 625263
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.9 43.3
 170 22.8 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: 12.83 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF077543.D

Acq: 3 Mar 2015 14:03

Instrument :

BNA_F

ClientSampleId :

PB81931BL

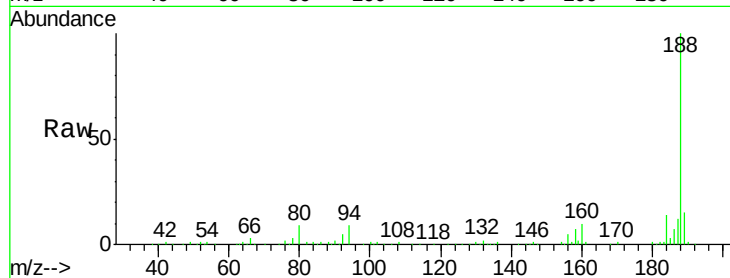
Tgt Ion:188 Resp: 282142

Ion Ratio Lower Upper

188 100

94 8.8 7.4 11.2

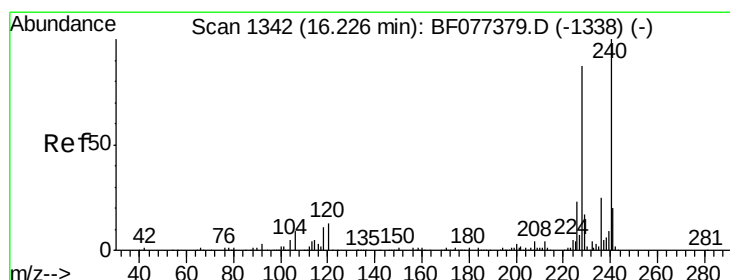
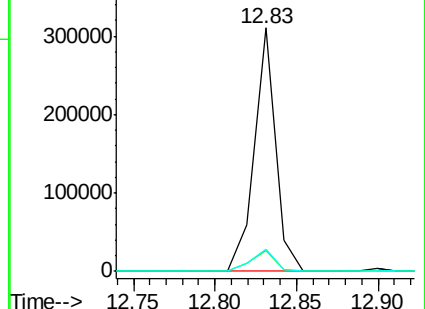
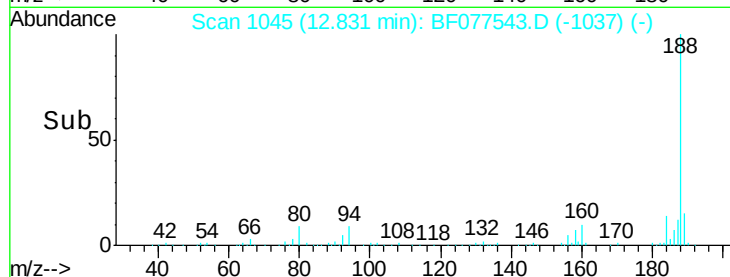
80 9.3 8.0 12.0



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: 16.13 min Scan# 1334

Delta R.T. -0.02 min

Lab File: BF077543.D

Acq: 3 Mar 2015 14:03

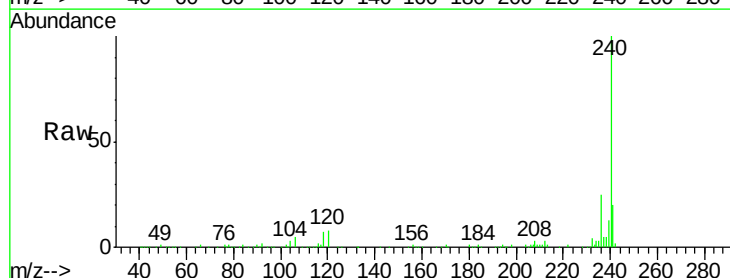
Tgt Ion:240 Resp: 337359

Ion Ratio Lower Upper

240 100

120 8.0 8.8 13.2#

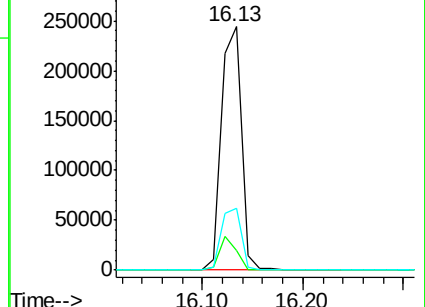
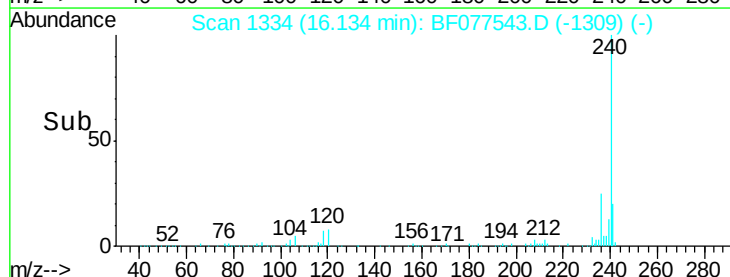
236 25.3 20.7 31.1

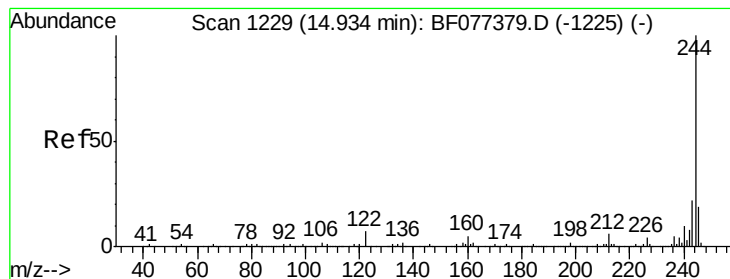


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 52.43 ng

RT: 14.83 min Scan# 1220

Delta R.T. -0.00 min

Lab File: BF077543.D

Acq: 3 Mar 2015 14:03

Instrument :

BNA_F

ClientSampleId :

PB81931BL

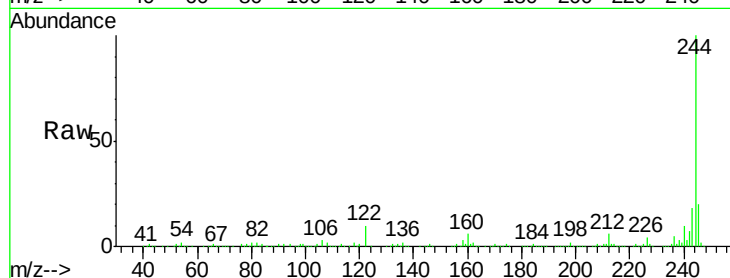
Tgt Ion:244 Resp: 756531

Ion Ratio Lower Upper

244 100

212 6.5 5.2 7.8

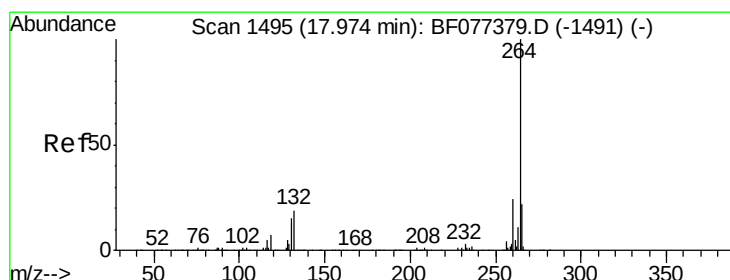
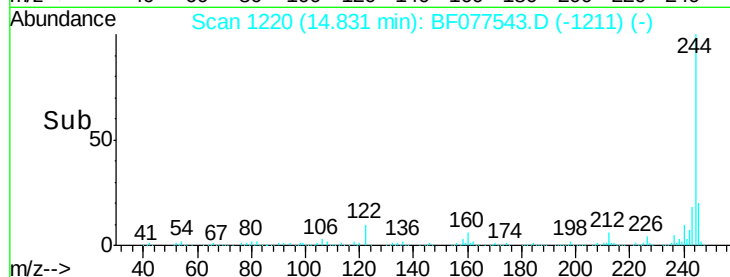
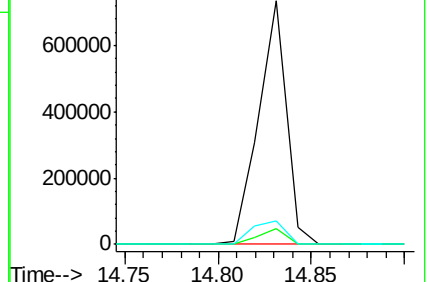
122 9.8 7.8 11.8



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: 17.91 min Scan# 1489

Delta R.T. -0.06 min

Lab File: BF077543.D

Acq: 3 Mar 2015 14:03

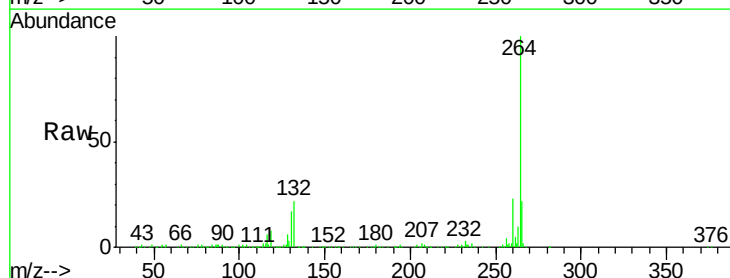
Tgt Ion:264 Resp: 322774

Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

265 21.6 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

