

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022515\
 Data File : BF077431.D
 Acq On : 25 Feb 2015 14:04
 Operator : IZ / TP
 Sample : PB81861BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81861BL

Quant Time: Feb 26 03:34:59 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 26 03:18:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	77207	20.00	ng	0.00
21) Naphthalene-d8	8.86	136	301578	20.00	ng	0.00
38) Acenaphthene-d10	11.04	164	147282	20.00	ng	0.00
63) Phenanthrene-d10	12.88	188	291481	20.00	ng	-0.01
75) Chrysene-d12	16.18	240	324491	20.00	ng	0.00
86) Perylene-d12	17.99	264	319208	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	336045	72.66	ng	0.00
7) Phenol-d6	6.84	99	432096	72.67	ng	0.00
23) Nitrobenzene-d5	7.97	82	306712	63.24	ng	-0.01
41) 2,4,6-Tribromophenol	12.02	330	104778	73.88	ng	0.00
44) 2-Fluorobiphenyl	10.21	172	703833	74.51	ng	0.00
78) Terphenyl-d14	14.88	244	832436	59.97	ng	0.00

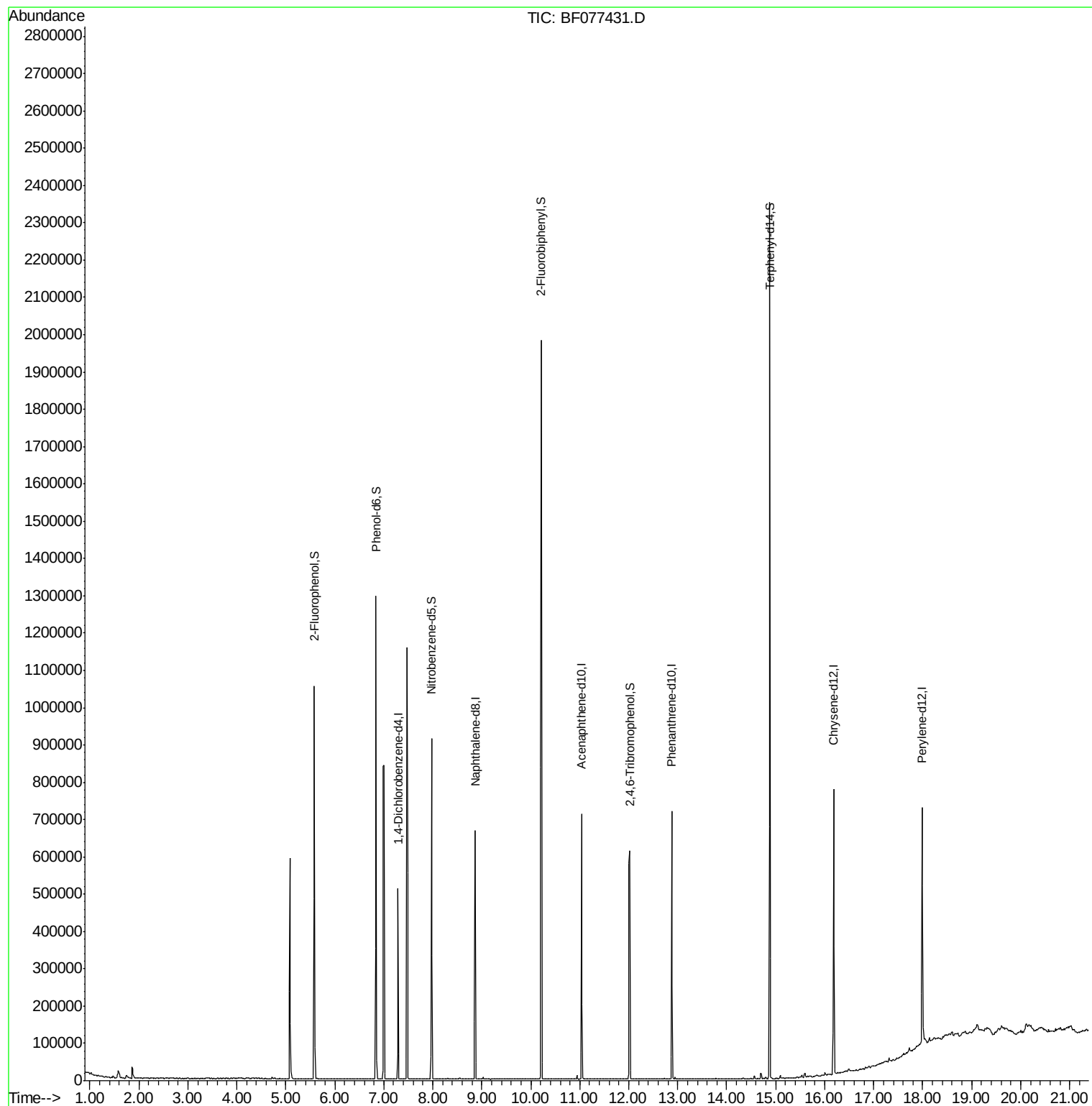
Target Compounds	Qvalue
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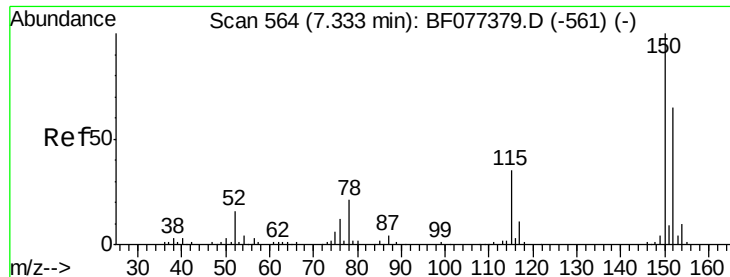
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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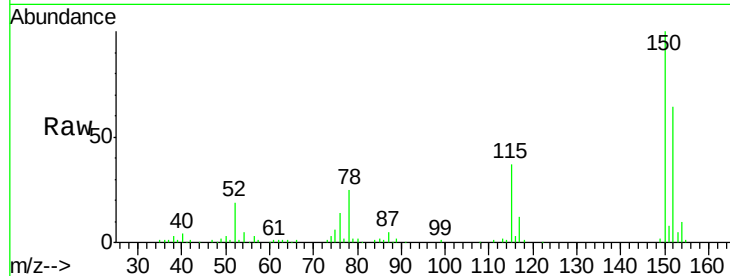


#1

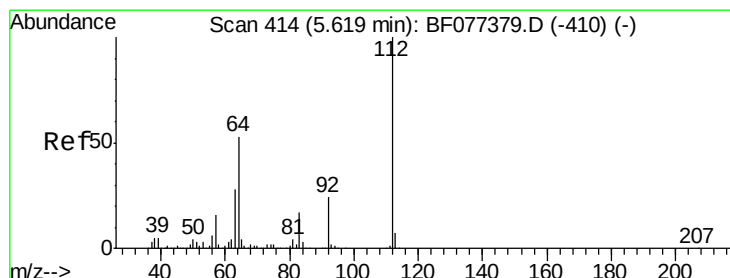
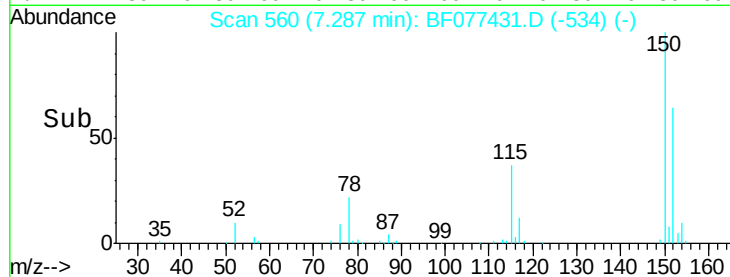
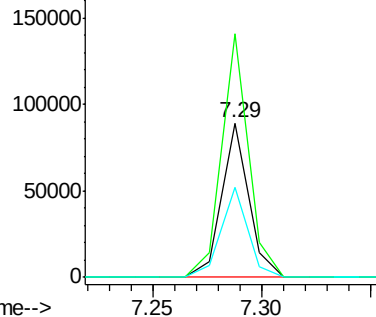
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF077431.D
Acq: 25 Feb 2015 14:04

Instrument :
BNA_F
ClientSampleId :
PB81861BL

Tgt Ion:152 Resp: 77207
Ion Ratio Lower Upper
152 100
150 157.5 124.0 186.0
115 58.2 49.4 74.2



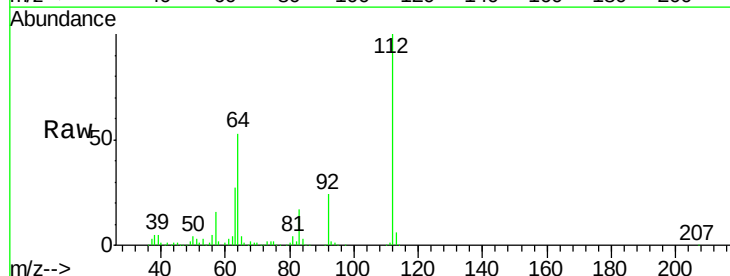
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



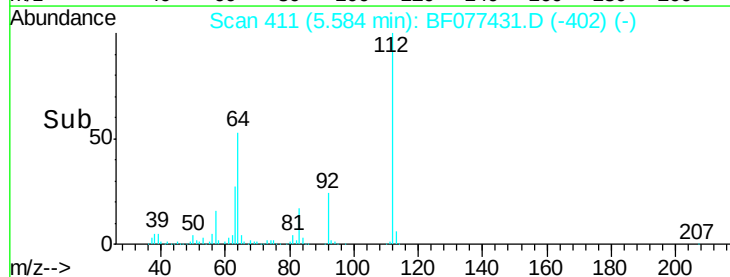
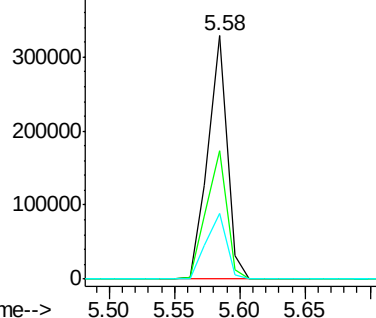
#5

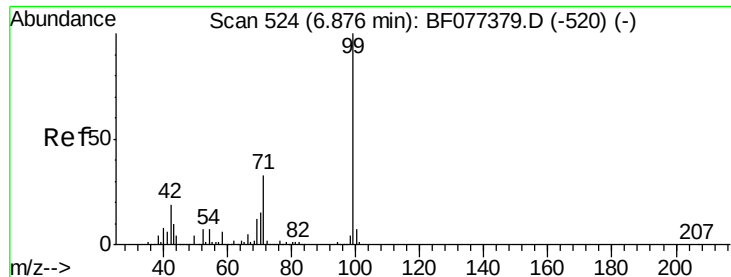
2-Fluorophenol
Concen: 72.66 ng
RT: 5.58 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF077431.D
Acq: 25 Feb 2015 14:04

Tgt Ion:112 Resp: 336045
Ion Ratio Lower Upper
112 100
64 52.9 48.5 72.7
63 27.2 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: 72.67 ng

RT: 6.84 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF077431.D

Acq: 25 Feb 2015 14:04

Instrument :

BNA_F

ClientSampleId :

PB81861BL

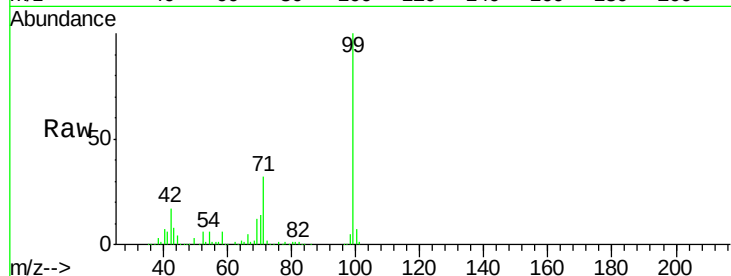
Tgt Ion: 99 Resp: 432096

Ion Ratio Lower Upper

99 100

42 16.9 16.2 24.4

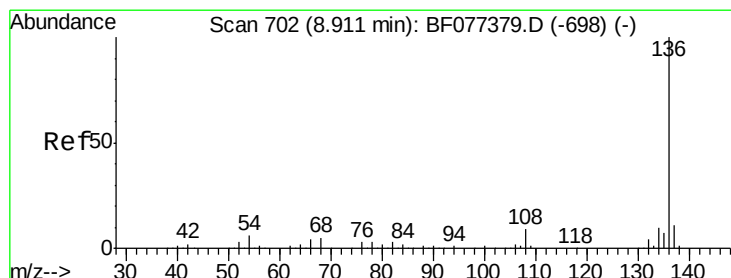
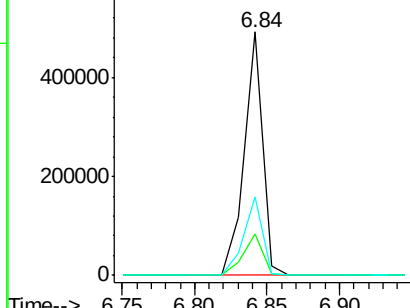
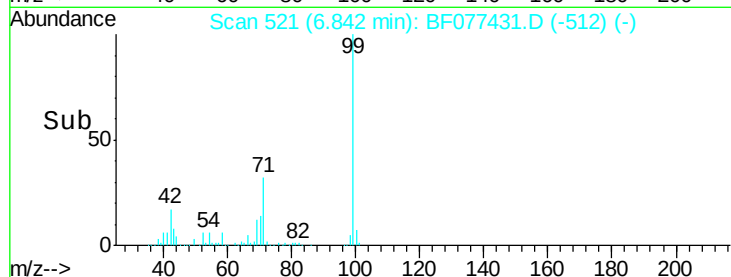
71 32.1 26.7 40.1



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: 8.86 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF077431.D

Acq: 25 Feb 2015 14:04

Tgt Ion: 136 Resp: 301578

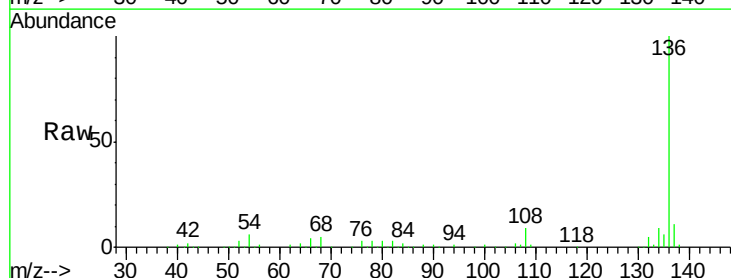
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 6.3 6.2 9.4

68 5.4 5.0 7.6

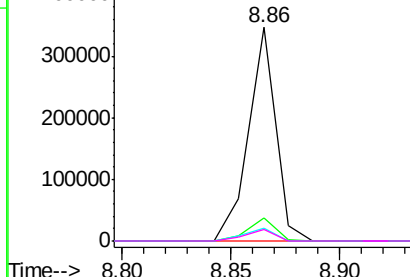
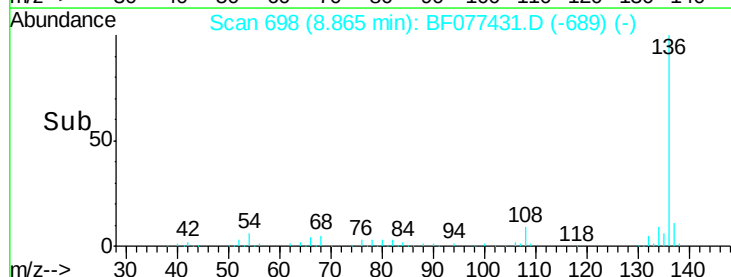


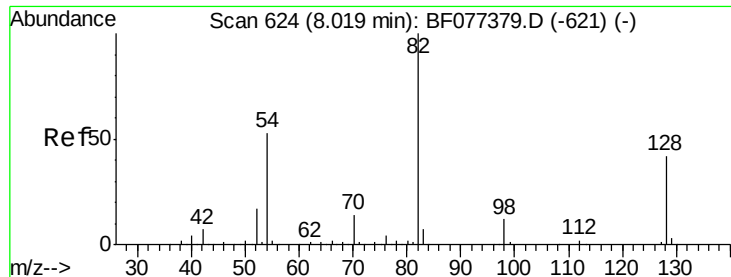
Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.24 ng

RT: 7.97 min Scan# 620

Delta R.T. -0.01 min

Lab File: BF077431.D

Acq: 25 Feb 2015 14:04

Instrument :

BNA_F

ClientSampleId :

PB81861BL

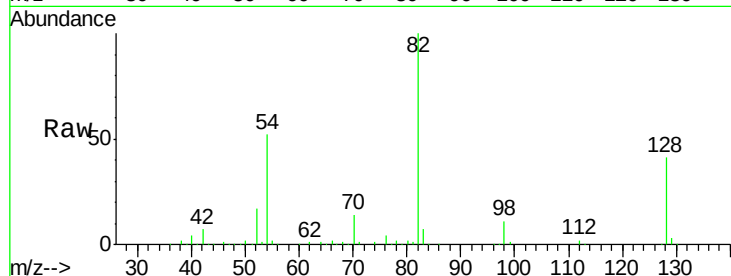
Tgt Ion: 82 Resp: 306712

Ion Ratio Lower Upper

82 100

128 41.0 43.8 65.8#

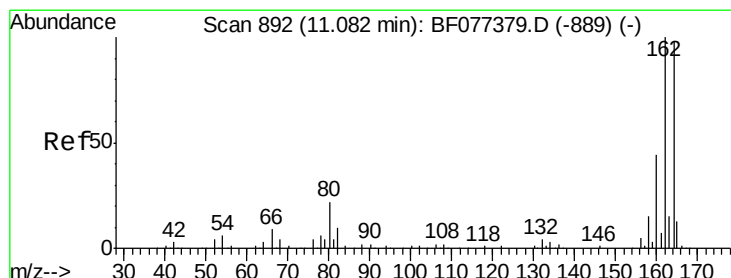
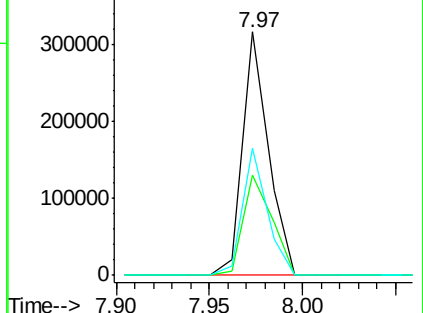
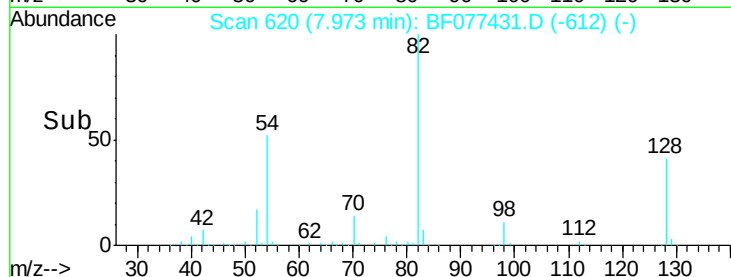
54 52.3 36.7 55.1



Abundance Ion 82.00 (81.70 to 82.70): BF077379.D (-621) (-)

Ion 128.00 (127.70 to 128.70): BF077379.D (-621) (-)

Ion 54.00 (53.70 to 54.70): BF077379.D (-621) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.04 min Scan# 888

Delta R.T. 0.00 min

Lab File: BF077431.D

Acq: 25 Feb 2015 14:04

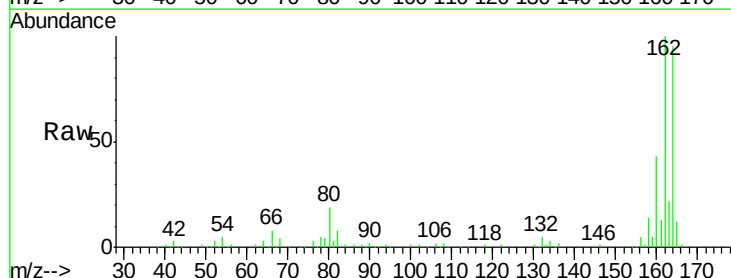
Tgt Ion: 164 Resp: 147282

Ion Ratio Lower Upper

164 100

162 104.9 83.2 124.8

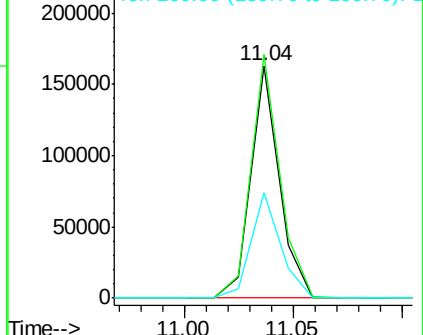
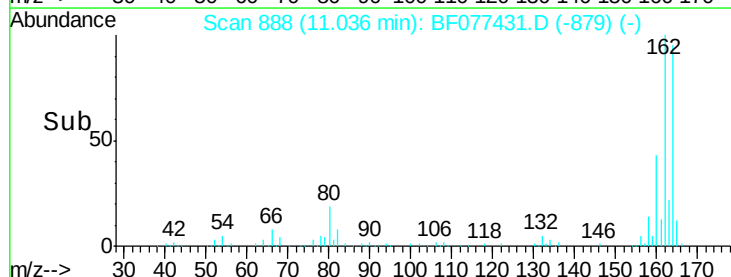
160 45.3 34.6 52.0

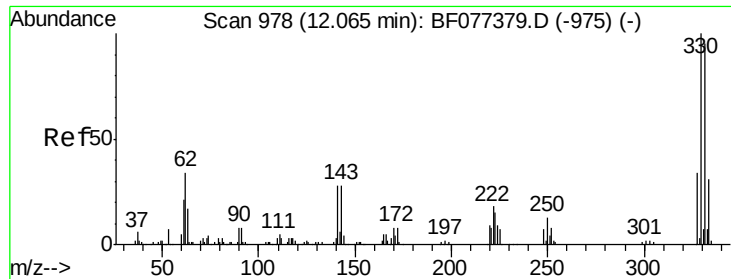


Abundance Ion 164.00 (163.70 to 164.70): BF077379.D (-889) (-)

Ion 162.00 (161.70 to 162.70): BF077379.D (-889) (-)

Ion 160.00 (159.70 to 160.70): BF077379.D (-889) (-)

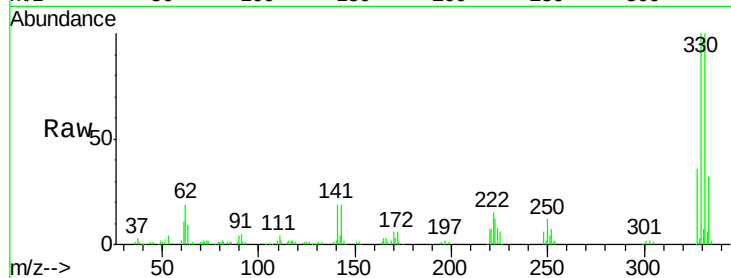




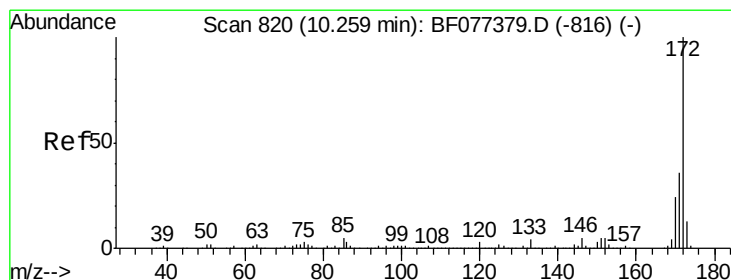
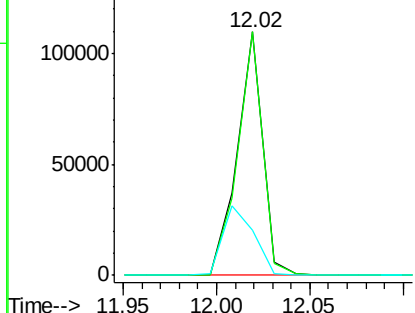
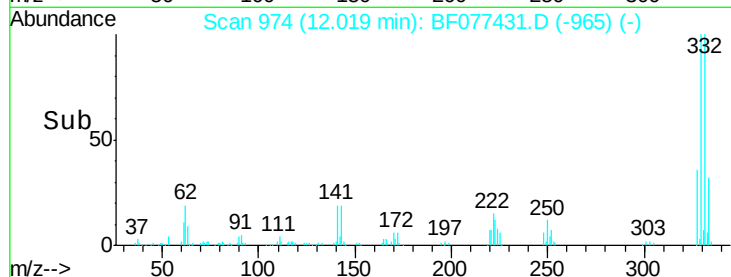
#41
 2,4,6-Tribromophenol
 Concen: 73.88 ng
 RT: 12.02 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF077431.D
 Acq: 25 Feb 2015 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB81861BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.4	116.2
141	34.7	28.8	43.2

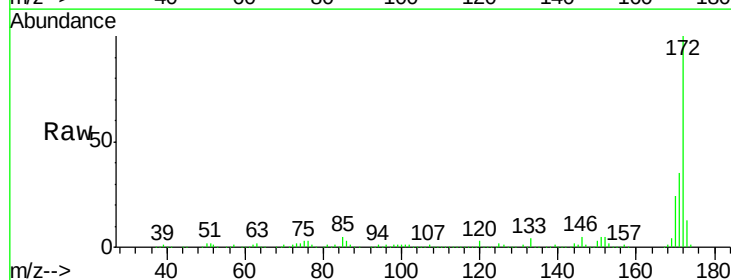


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

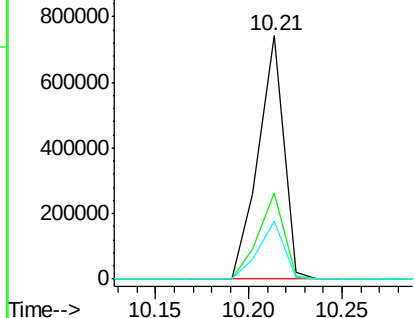
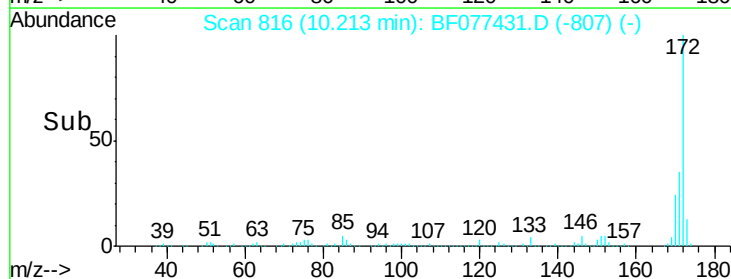


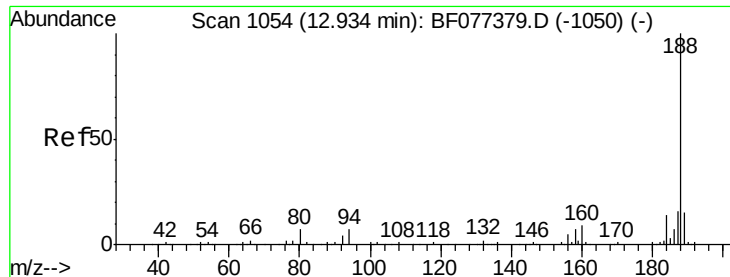
#44
 2-Fluorobiphenyl
 Concen: 74.51 ng
 RT: 10.21 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF077431.D
 Acq: 25 Feb 2015 14:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.9	43.3
170	23.8	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

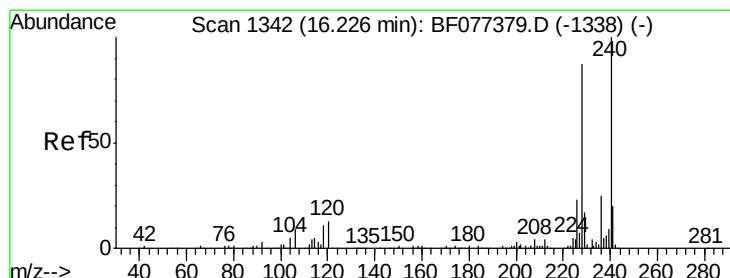
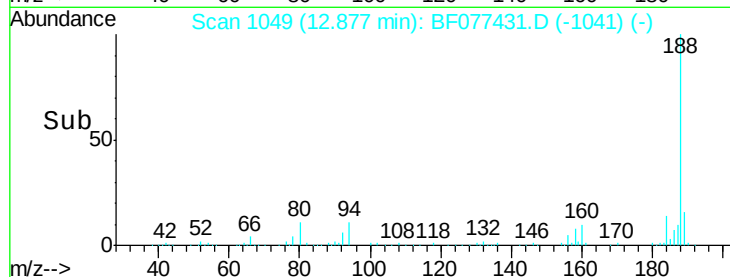
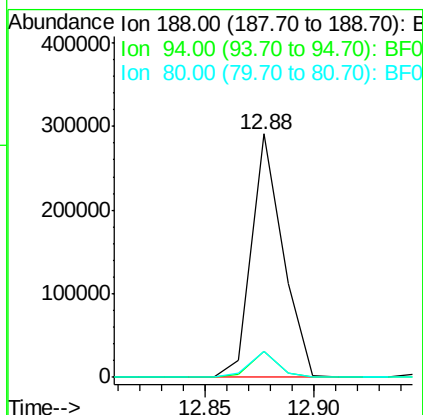
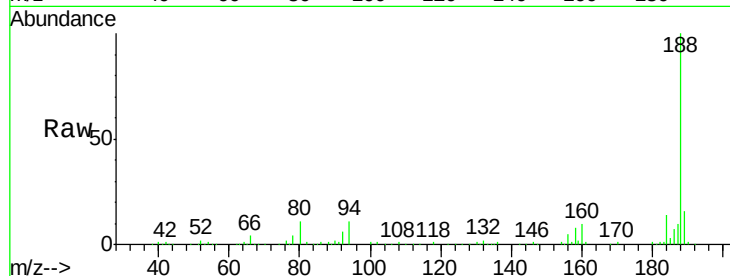




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.88 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF077431.D
 Acq: 25 Feb 2015 14:04

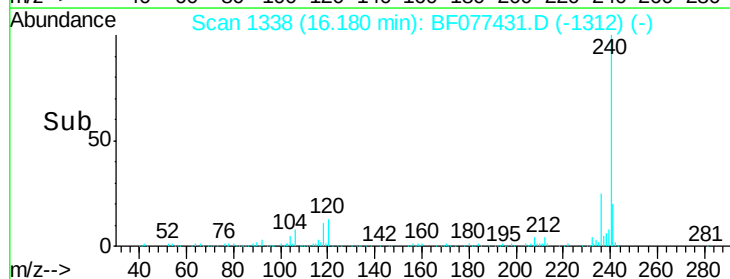
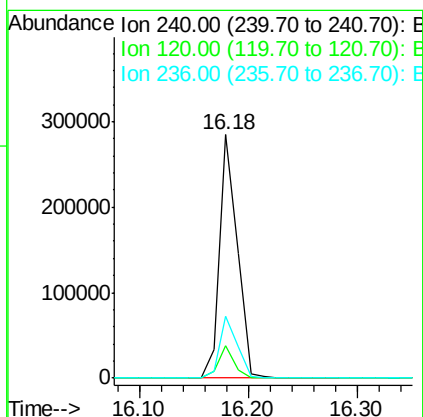
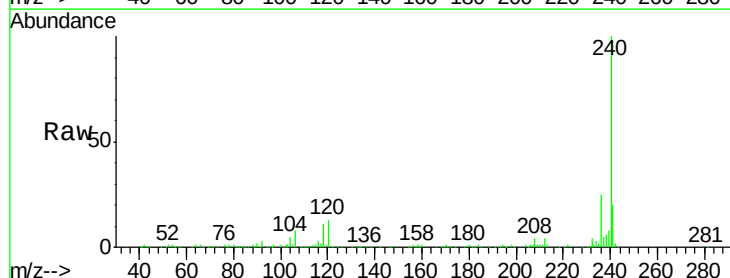
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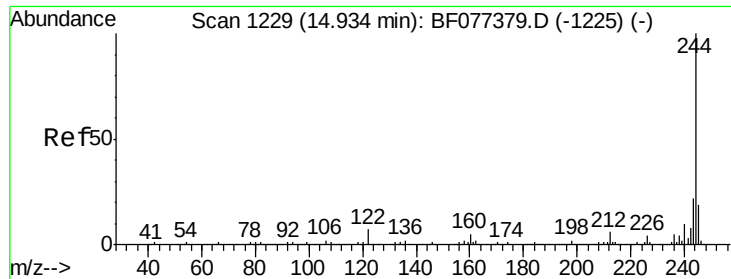
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	7.4	11.2
80	10.9	8.0	12.0



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.18 min Scan# 1338
 Delta R.T. 0.00 min
 Lab File: BF077431.D
 Acq: 25 Feb 2015 14:04

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.4	8.8	13.2#
236	25.3	20.7	31.1

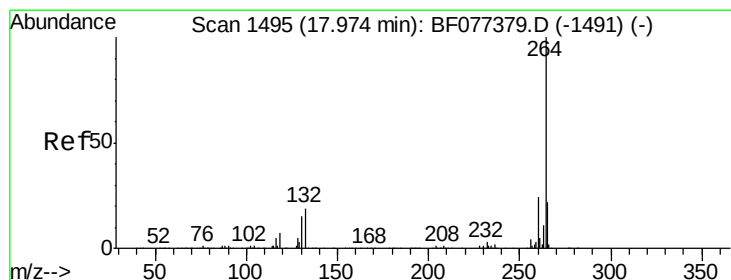
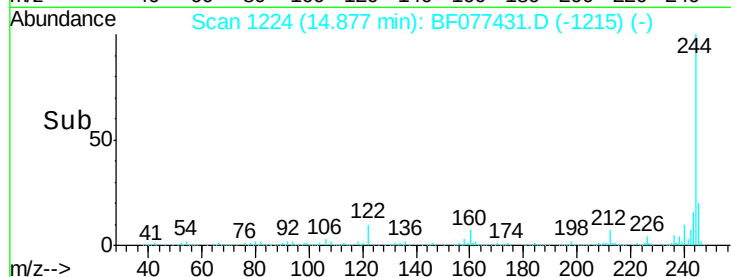
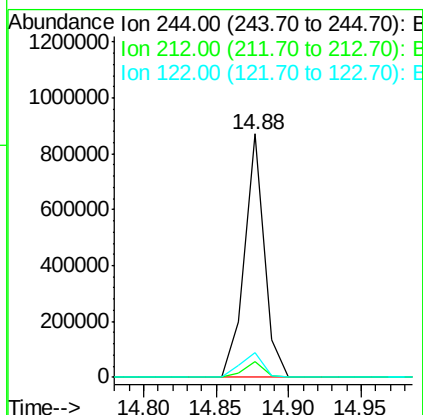
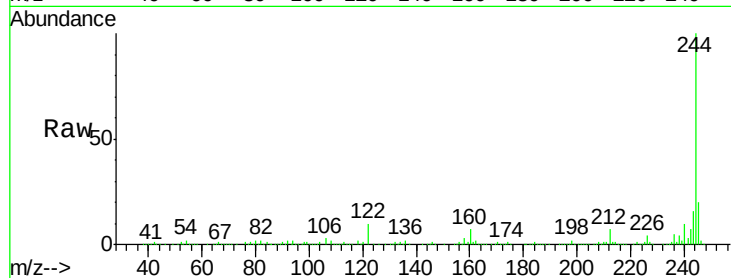




#78
 Terphenyl-d14
 Concen: 59.97 ng
 RT: 14.88 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF077431.D
 Acq: 25 Feb 2015 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB81861BL

Tgt Ion: 244 Resp: 832436
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.2 7.8
 122 10.1 7.8 11.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.99 min Scan# 1496
 Delta R.T. 0.07 min
 Lab File: BF077431.D
 Acq: 25 Feb 2015 14:04

Tgt Ion: 264 Resp: 319208
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.3 28.9
 265 21.3 16.8 25.2

