

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022715\
 Data File : BF077513.D
 Acq On : 27 Feb 2015 19:02
 Operator : TP/IZ
 Sample : PB81918BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81918BL

Quant Time: Feb 27 22:41:04 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 27 22:28:54 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	90600	20.00	ng	0.00
21) Naphthalene-d8	8.83	136	363730	20.00	ng	0.00
38) Acenaphthene-d10	11.01	164	183557	20.00	ng	0.00
63) Phenanthrene-d10	12.85	188	374224	20.00	ng	0.00
75) Chrysene-d12	16.13	240	419224	20.00	ng	-0.01
86) Perylene-d12	17.85	264	398930	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	503918	92.85	ng	0.00
7) Phenol-d6	6.82	99	665138	95.32	ng	0.00
23) Nitrobenzene-d5	7.95	82	383100	65.50	ng	0.00
41) 2,4,6-Tribromophenol	11.99	330	168243	95.19	ng	0.00
44) 2-Fluorobiphenyl	10.18	172	806538	68.51	ng	0.00
78) Terphenyl-d14	14.84	244	997834	55.64	ng	0.00

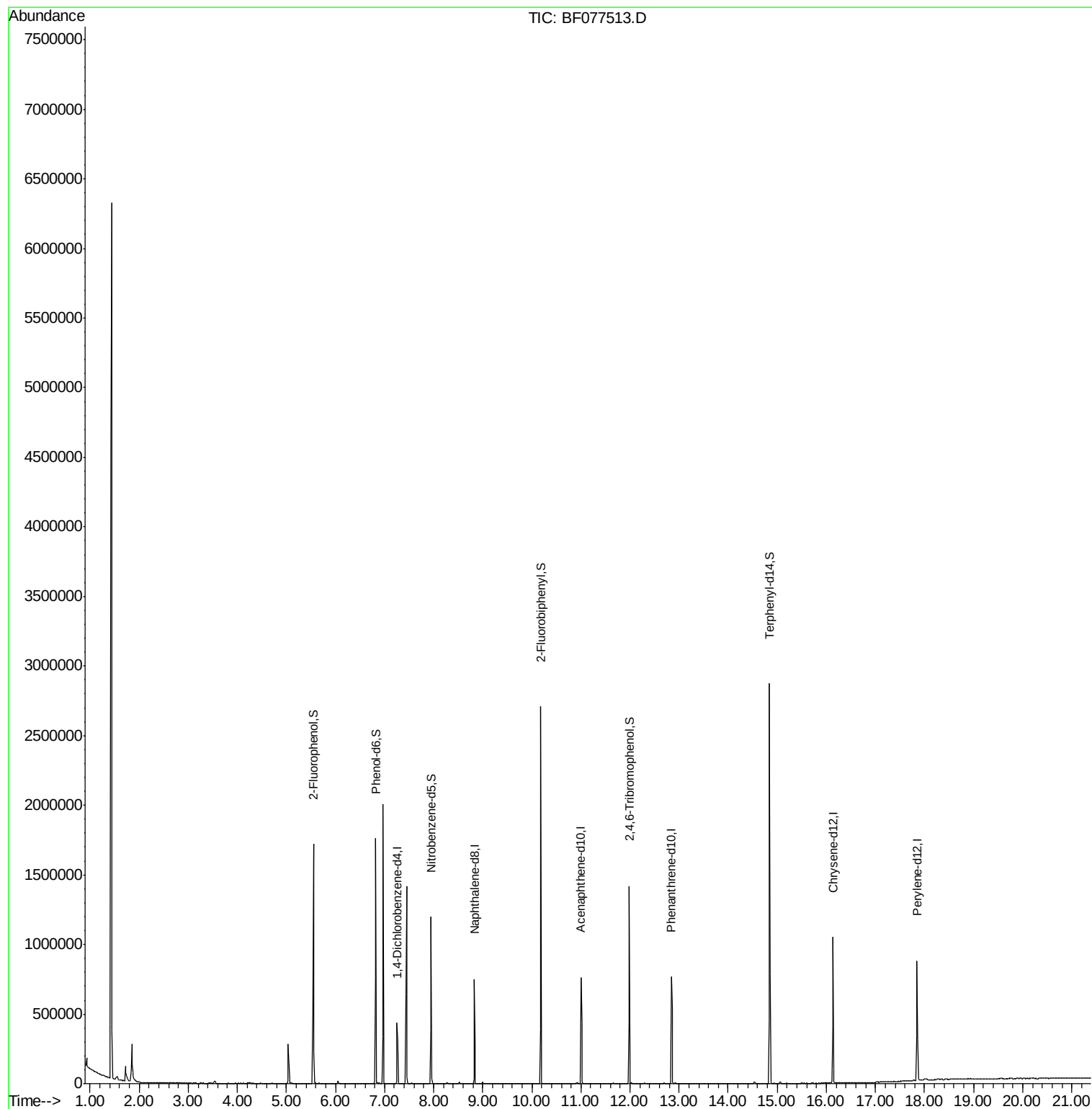
Target Compounds Qvalue

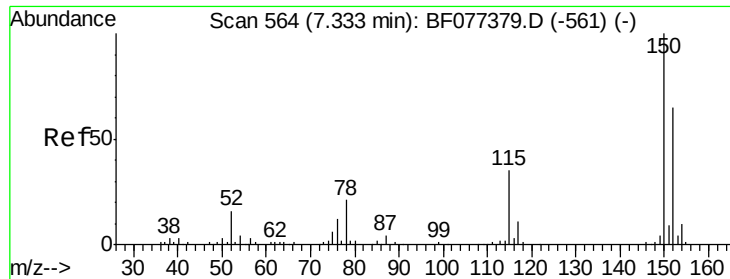
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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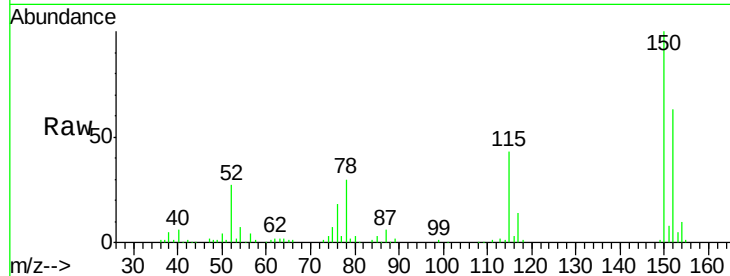


#1

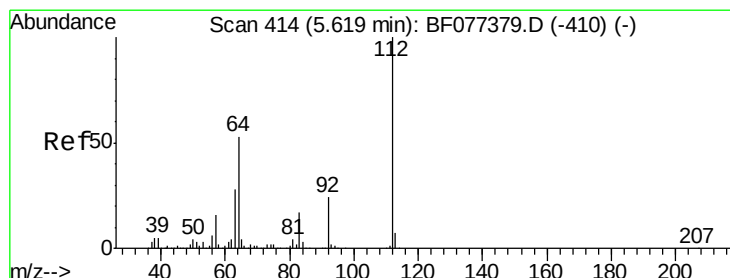
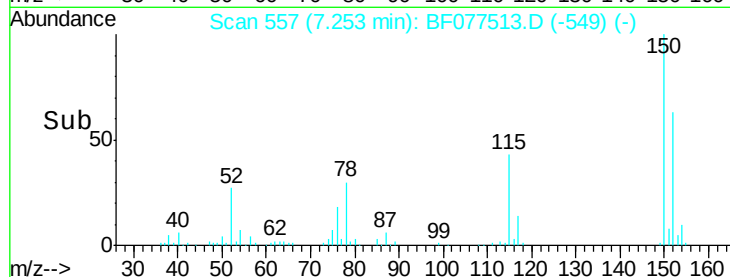
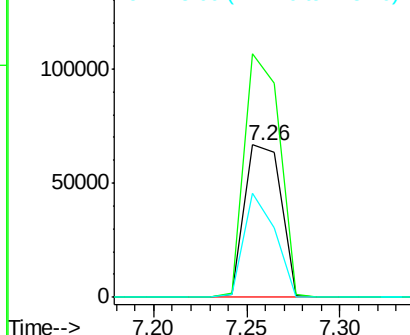
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.26 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF077513.D
Acq: 27 Feb 2015 19:02

Instrument :
BNA_F
ClientSampleId :
PB81918BL

Tot Ion:152 Resp: 90600
Ion Ratio Lower Upper
152 100
150 159.7 124.0 186.0
115 68.4 49.4 74.2



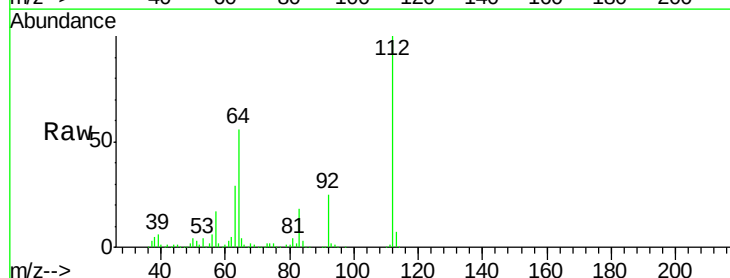
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



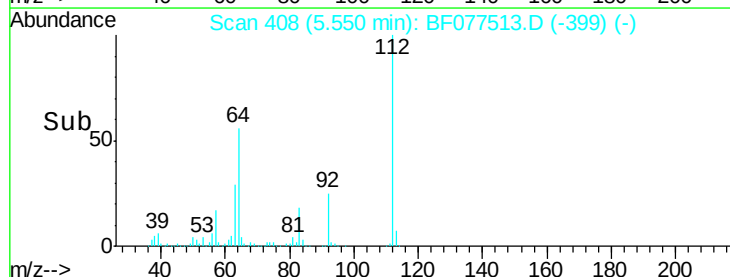
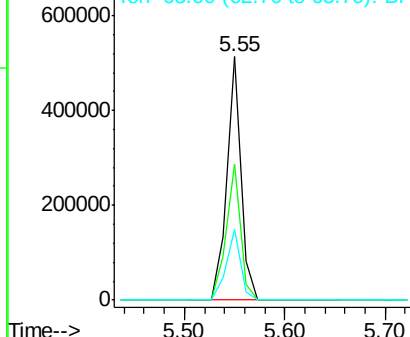
#5

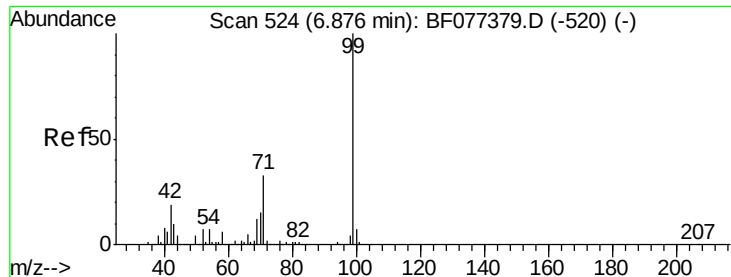
2-Fluorophenol
Concen: 92.85 ng
RT: 5.55 min Scan# 408
Delta R.T. 0.00 min
Lab File: BF077513.D
Acq: 27 Feb 2015 19:02

Tgt Ion:112 Resp: 503918
Ion Ratio Lower Upper
112 100
64 55.7 48.5 72.7
63 29.2 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: 95.32 ng

RT: 6.82 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF077513.D

Acq: 27 Feb 2015 19:02

Instrument :

BNA_F

ClientSampleId :

PB81918BL

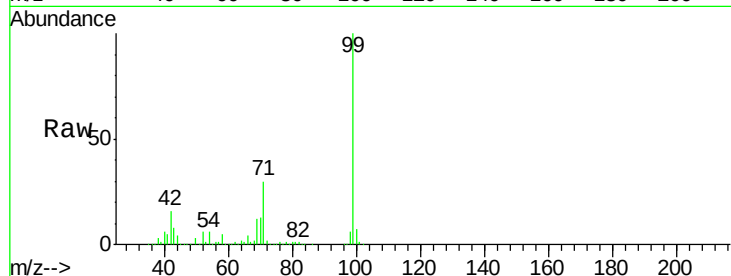
Tot Ion: 99 Resp: 665138

Ion Ratio Lower Upper

99 100

42 16.1 16.2 24.4#

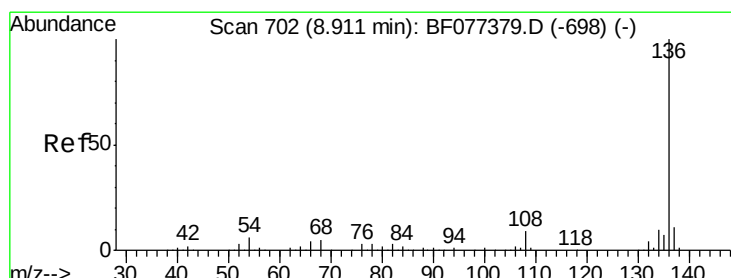
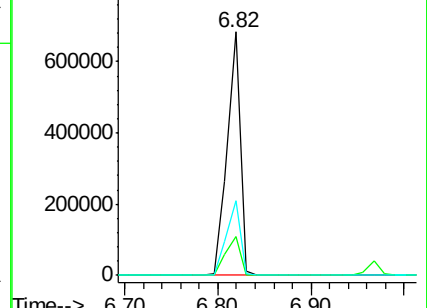
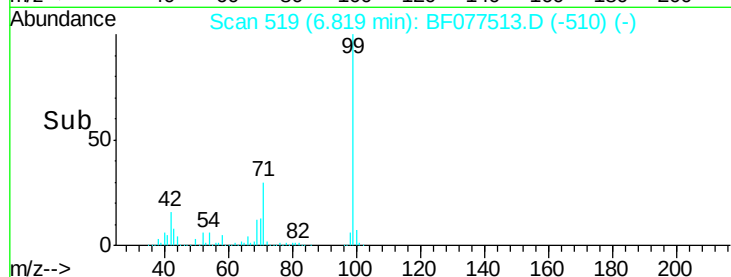
71 30.5 26.7 40.1



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: 8.83 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF077513.D

Acq: 27 Feb 2015 19:02

Tgt Ion: 136 Resp: 363730

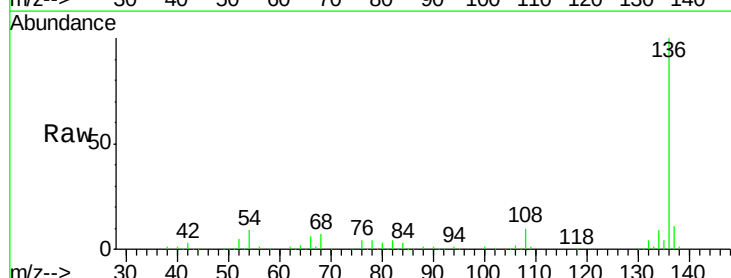
Ion Ratio Lower Upper

136 100

137 11.5 8.6 13.0

54 8.7 6.2 9.4

68 6.8 5.0 7.6

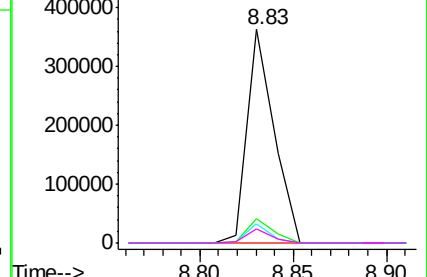
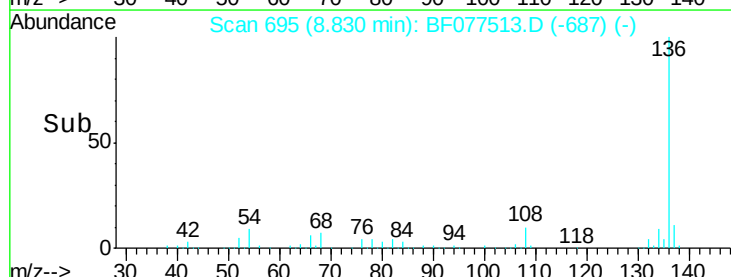


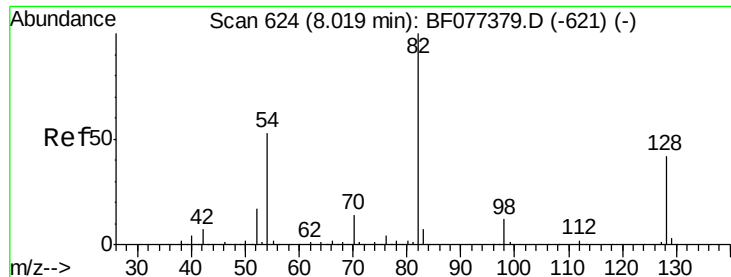
Abundance Ion 136.00 (135.70 to 136.70): E

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

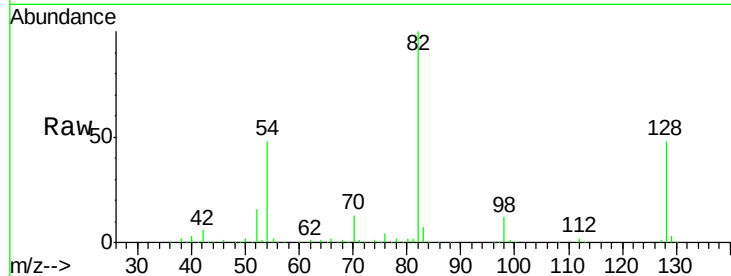




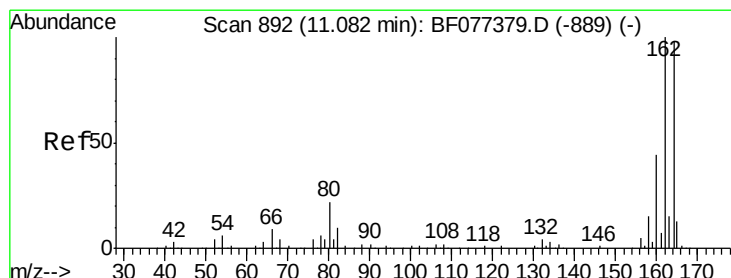
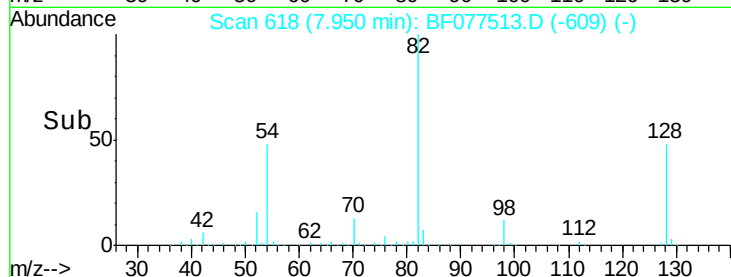
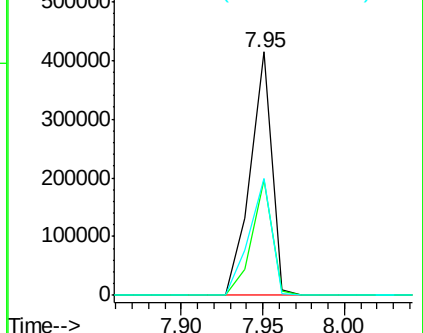
#23
Nitrobenzene-d5
Concen: 65.50 ng
RT: 7.95 min Scan# 618
Delta R.T. -0.00 min
Lab File: BF077513.D
Acq: 27 Feb 2015 19:02

Instrument :
BNA_F
ClientSampled :
PB81918BL

Tot Ion: 82 Resp: 383100
Ion Ratio Lower Upper
82 100
128 47.6 43.8 65.8
54 47.8 36.7 55.1

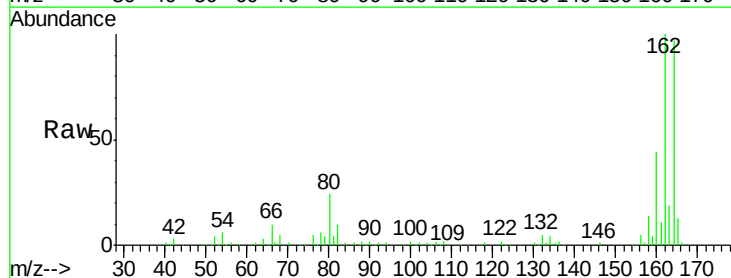


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

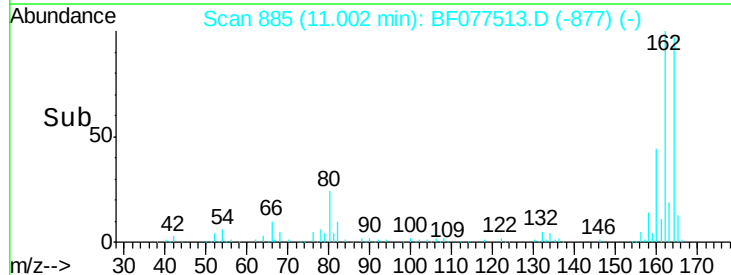
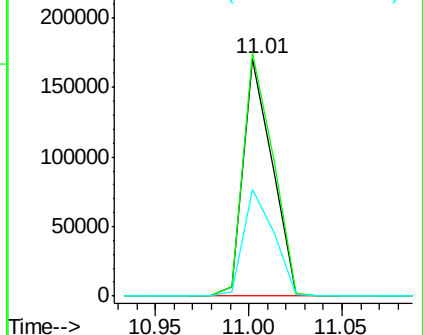


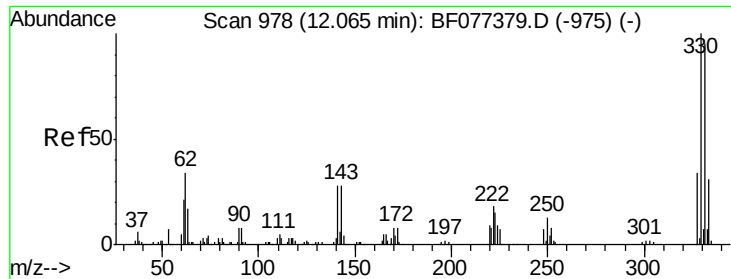
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.01 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF077513.D
Acq: 27 Feb 2015 19:02

Tgt Ion:164 Resp: 183557
Ion Ratio Lower Upper
164 100
162 102.6 83.2 124.8
160 44.9 34.6 52.0



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

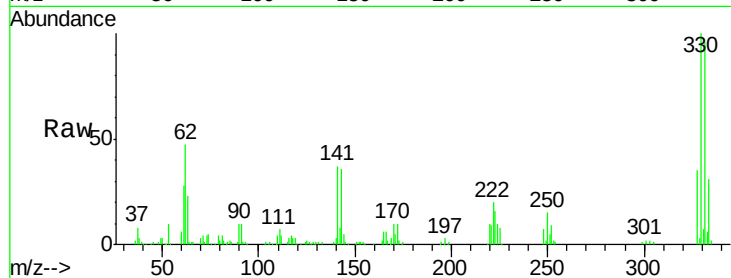




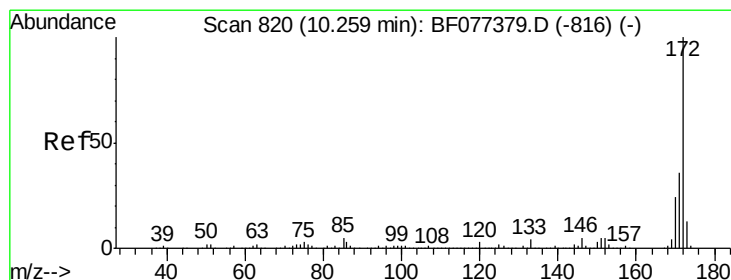
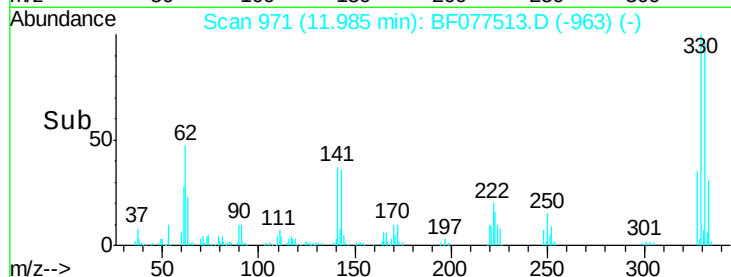
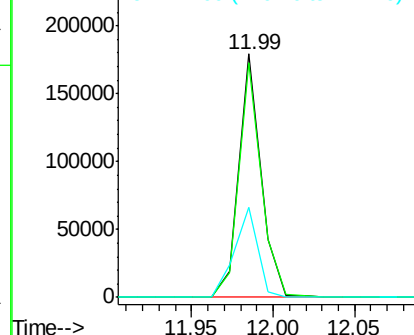
#41
 2,4,6-Tribromophenol
 Concen: 95.19 ng
 RT: 11.99 min Scan# 971
 Delta R.T. -0.00 min
 Lab File: BF077513.D
 Acq: 27 Feb 2015 19:02

Instrument :
 BNA_F
 ClientSampleId :
 PB81918BL

Tot Ion	330	Resp	168243
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.4	116.2
141	38.9	28.8	43.2

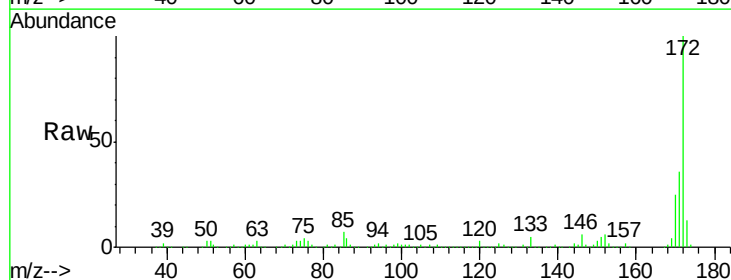


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

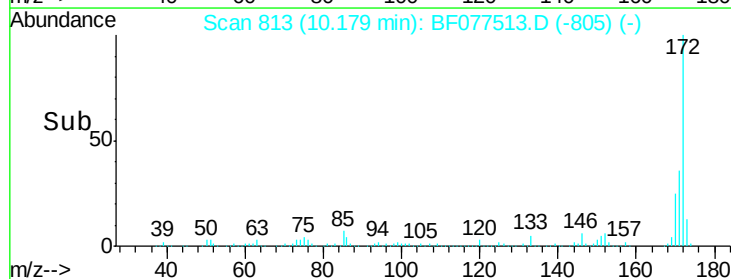
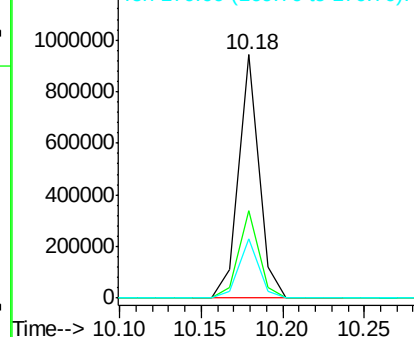


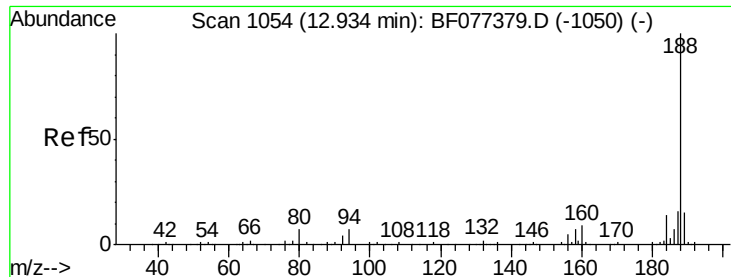
#44
 2-Fluorobiphenyl
 Concen: 68.51 ng
 RT: 10.18 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF077513.D
 Acq: 27 Feb 2015 19:02

Tgt Ion	172	Resp	806538
Ion Ratio	Lower	Upper	
172	100		
171	36.1	28.9	43.3
170	24.6	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

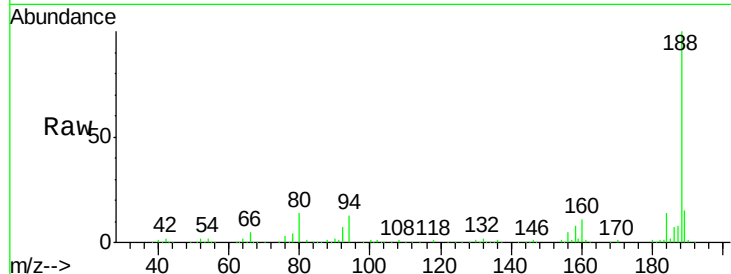




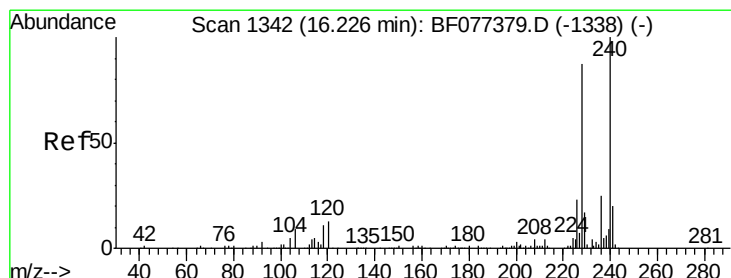
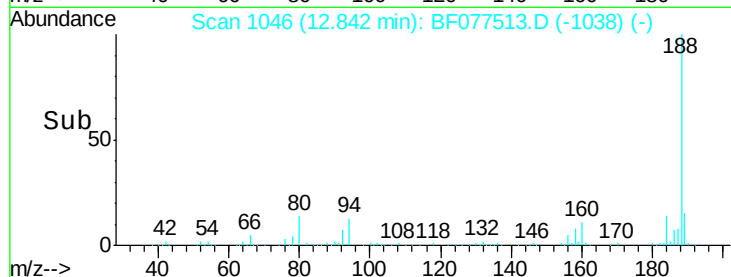
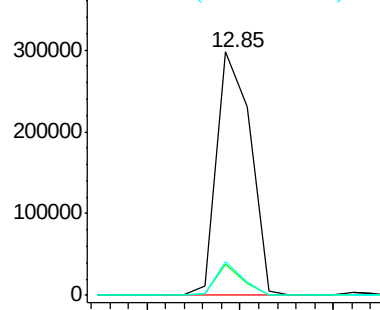
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.85 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF077513.D
Acq: 27 Feb 2015 19:02

Instrument :
BNA_F
ClientSampleId :
PB81918BL

Tot Ion:188 Resp: 374224
Ion Ratio Lower Upper
188 100
94 12.9 7.4 11.2#
80 13.6 8.0 12.0#

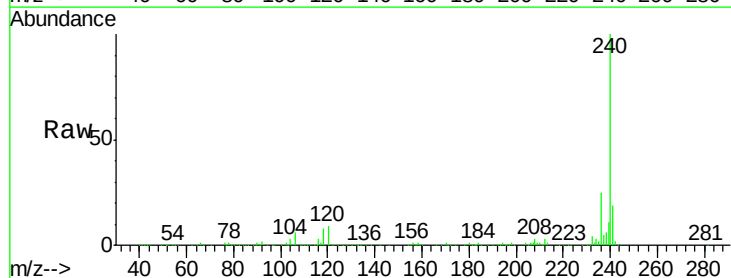


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

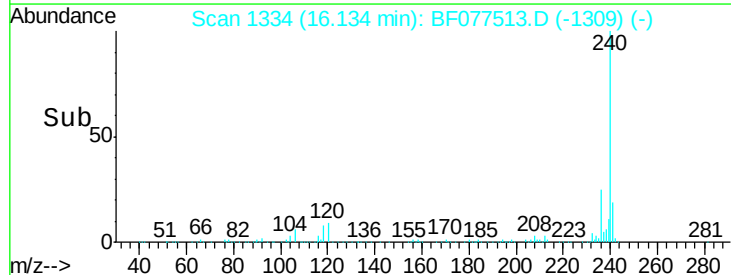
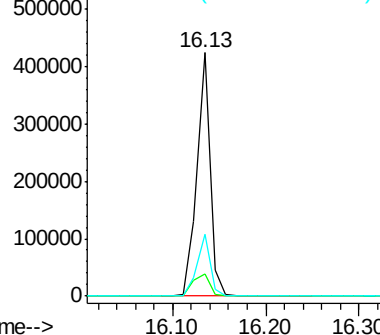


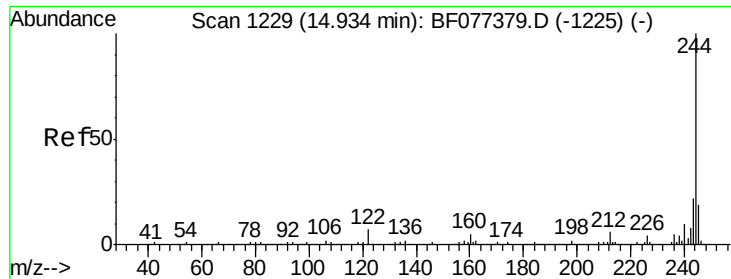
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.13 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF077513.D
Acq: 27 Feb 2015 19:02

Tgt Ion:240 Resp: 419224
Ion Ratio Lower Upper
240 100
120 9.2 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: 55.64 ng

RT: 14.84 min Scan# 1221

Delta R.T. -0.00 min

Lab File: BF077513.D

Acq: 27 Feb 2015 19:02

Instrument :

BNA_F

ClientSampleId :

PB81918BL

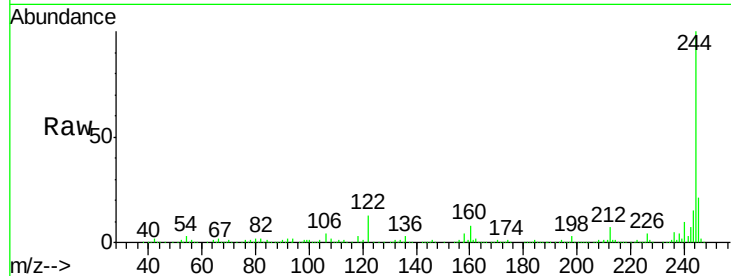
Tot Ion:244 Resp: 997834

Ion Ratio Lower Upper

244 100

212 7.0 5.2 7.8

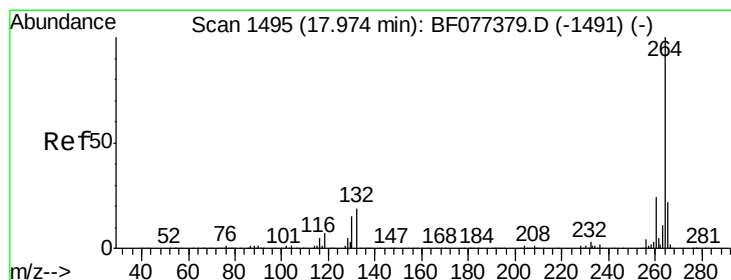
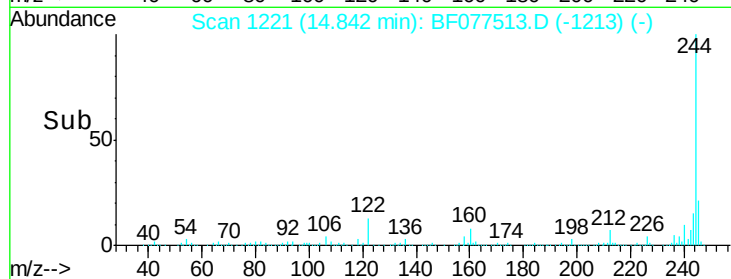
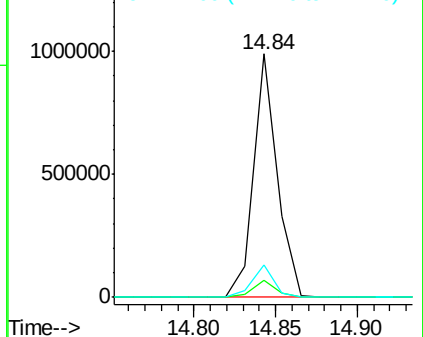
122 13.5 7.8 11.8#



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: 17.85 min Scan# 1484

Delta R.T. -0.06 min

Lab File: BF077513.D

Acq: 27 Feb 2015 19:02

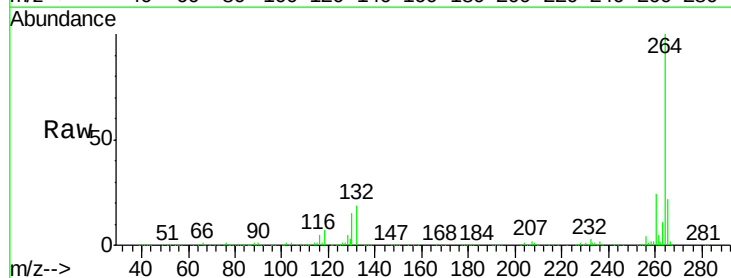
Tgt Ion:264 Resp: 398930

Ion Ratio Lower Upper

264 100

260 23.7 19.3 28.9

265 22.0 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

