

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022015\
 Data File : BF077391.D
 Acq On : 20 Feb 2015 19:40
 Operator : TP/IZ
 Sample : PB818820BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81820BL

Quant Time: Feb 21 00:12:25 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	85100	20.00	ng	0.00
21) Naphthalene-d8	8.91	136	334128	20.00	ng	0.00
38) Acenaphthene-d10	11.08	164	183315	20.00	ng	0.00
63) Phenanthrene-d10	12.93	188	374537	20.00	ng	0.00
75) Chrysene-d12	16.23	240	382869	20.00	ng	0.00
86) Perylene-d12	18.01	264	337972	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	524436	102.88	ng	0.00
7) Phenol-d6	6.88	99	638052	97.35	ng	0.00
23) Nitrobenzene-d5	8.02	82	401403	74.71	ng	0.00
41) 2,4,6-Tribromophenol	12.06	330	205133	116.22	ng	0.00
44) 2-Fluorobiphenyl	10.26	172	951279	80.91	ng	0.00
78) Terphenyl-d14	14.93	244	1215192	74.20	ng	0.00

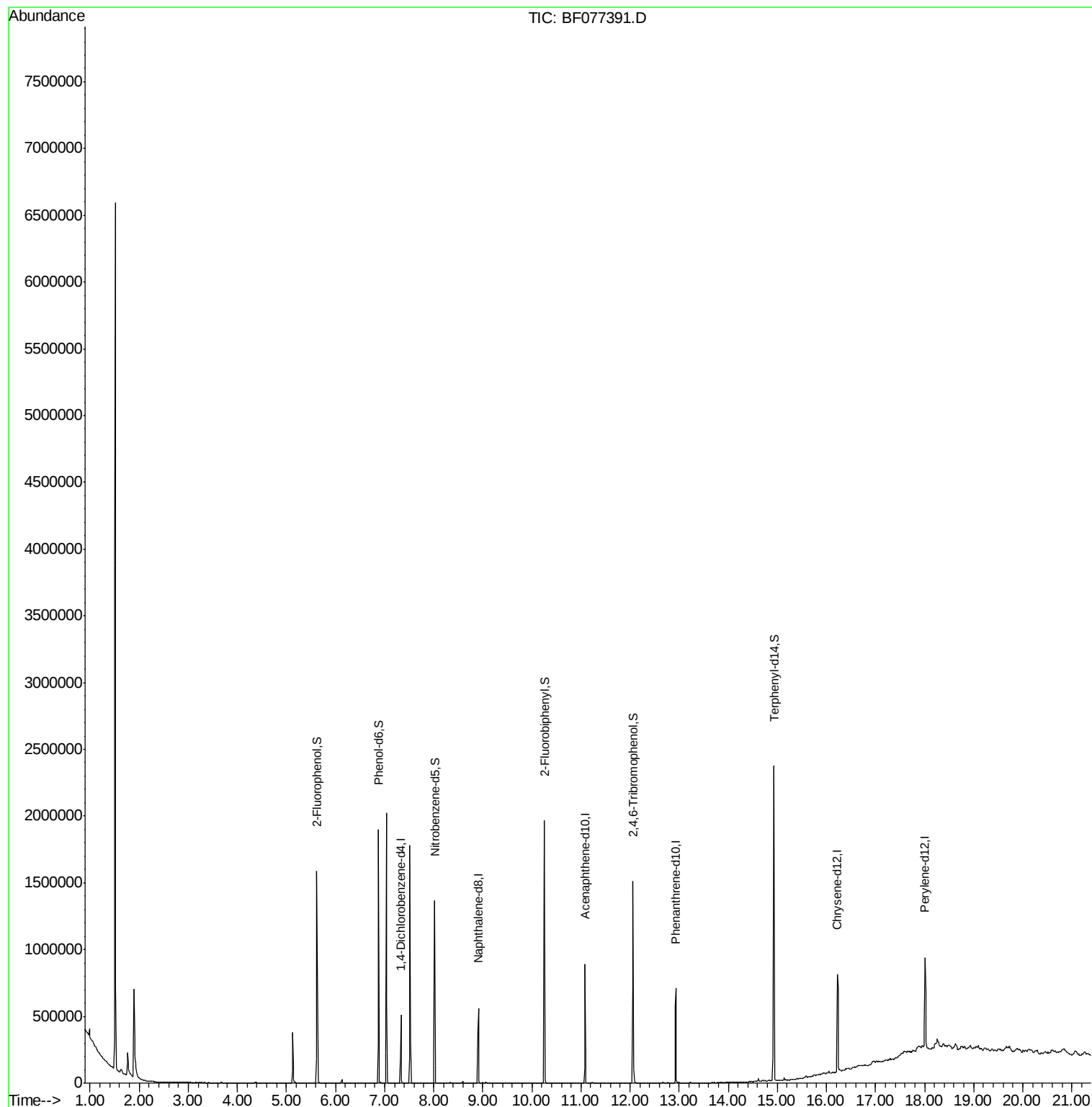
Target Compounds	Qvalue
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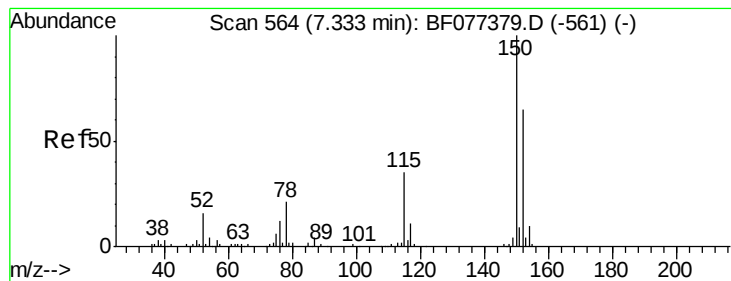
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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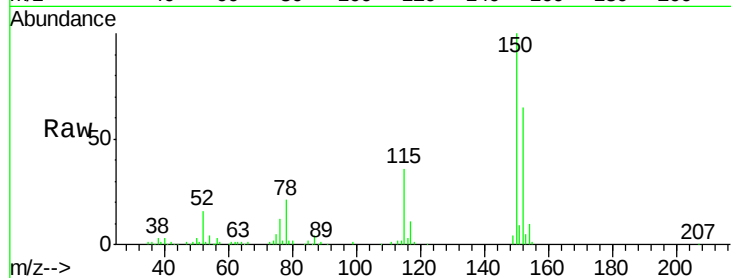




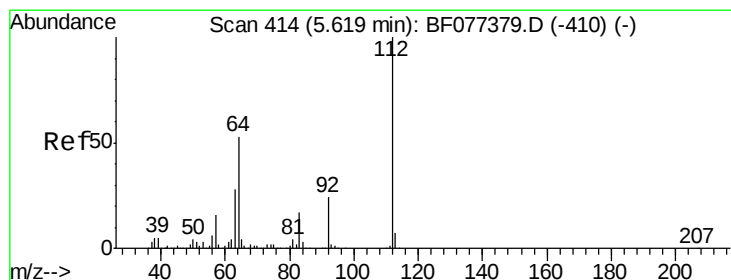
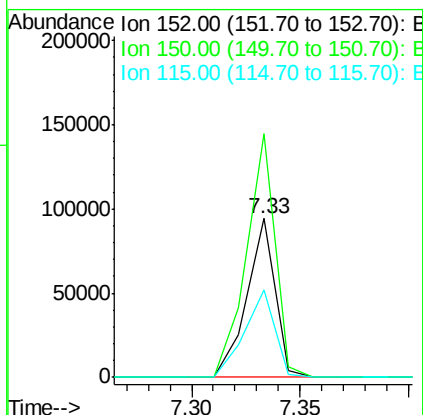
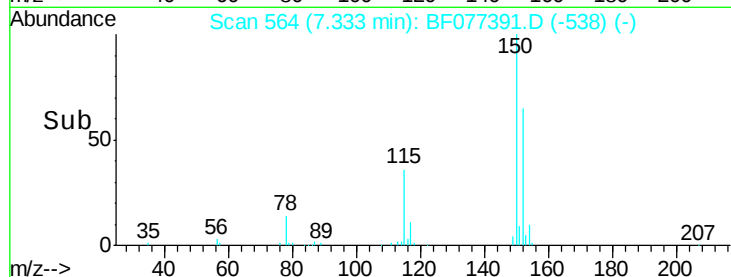
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.33 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: BF077391.D
 Acq: 20 Feb 2015 19:40

Instrument :
 BNA_F
 ClientSampleId :
 PB81820BL

Tgt Ion:152 Resp: 85100
 Ion Ratio Lower Upper
 152 100
 150 153.5 124.0 186.0
 115 55.5 49.4 74.2

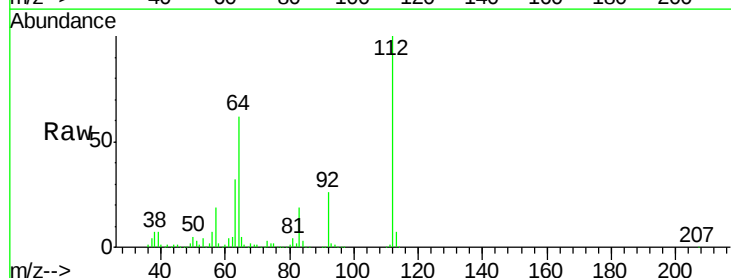


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

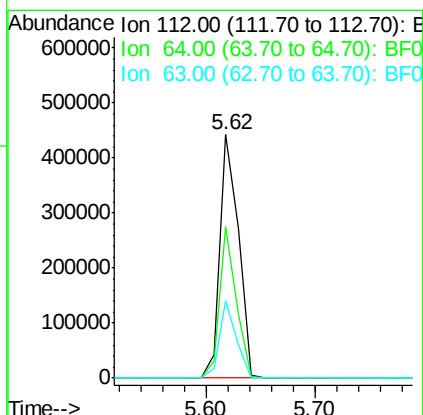
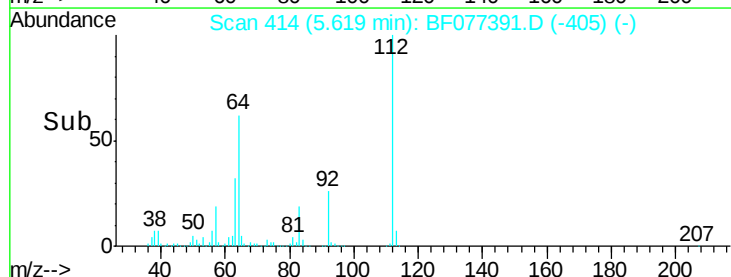


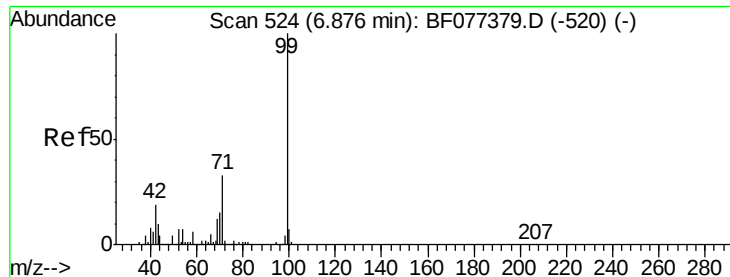
#5
 2-Fluorophenol
 Concen: 102.88 ng
 RT: 5.62 min Scan# 414
 Delta R.T. -0.00 min
 Lab File: BF077391.D
 Acq: 20 Feb 2015 19:40

Tgt Ion:112 Resp: 524436
 Ion Ratio Lower Upper
 112 100
 64 62.2 48.5 72.7
 63 31.9 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: 97.35 ng

RT: 6.88 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF077391.D

Acq: 20 Feb 2015 19:40

Instrument :

BNA_F

ClientSampleId :

PB81820BL

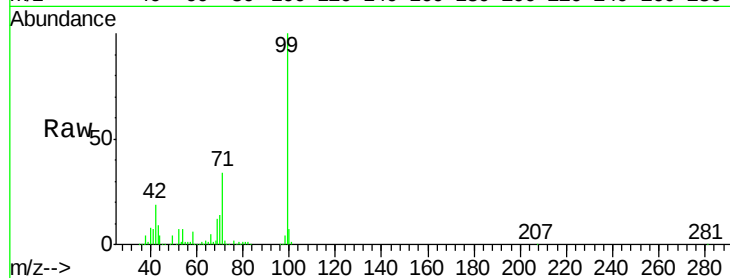
Tgt Ion: 99 Resp: 638052

Ion Ratio Lower Upper

99 100

42 19.4 16.2 24.4

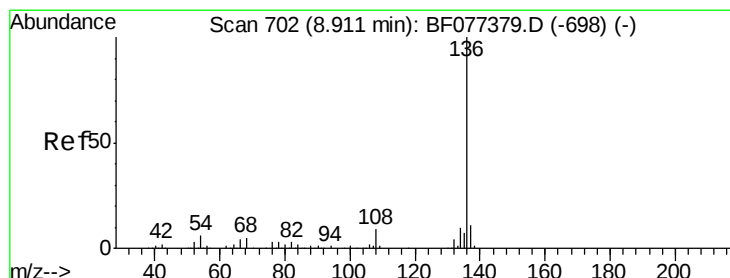
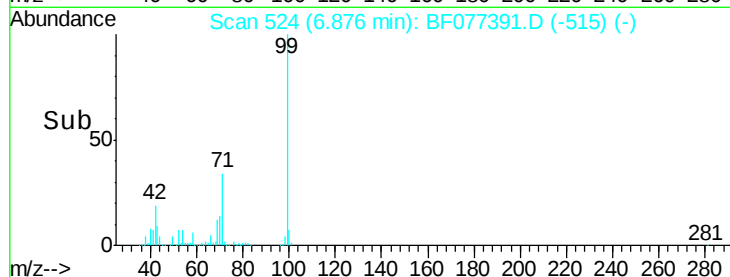
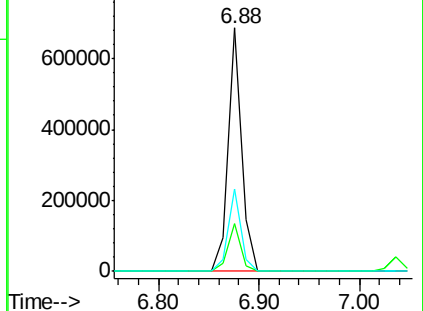
71 33.7 26.7 40.1



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: BF077391.D

Acq: 20 Feb 2015 19:40

Tgt Ion: 136 Resp: 334128

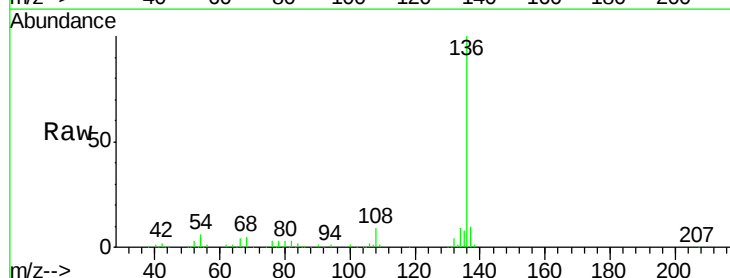
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 5.5 6.2 9.4#

68 4.6 5.0 7.6#

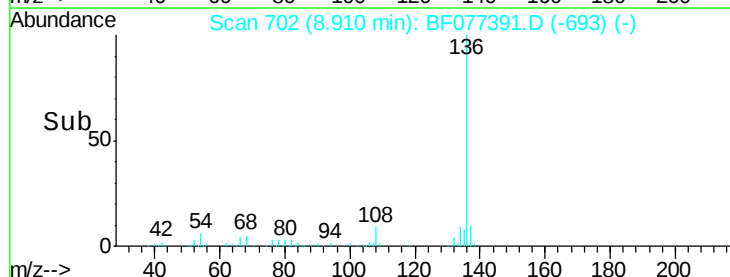
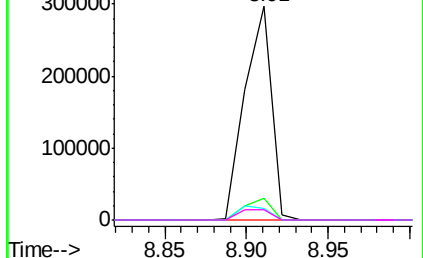


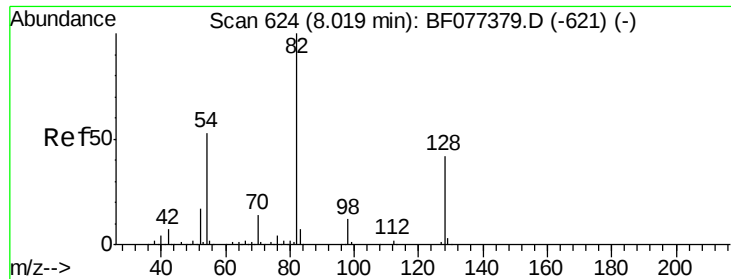
Abundance Ion 136.00 (135.70 to 136.70): E

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

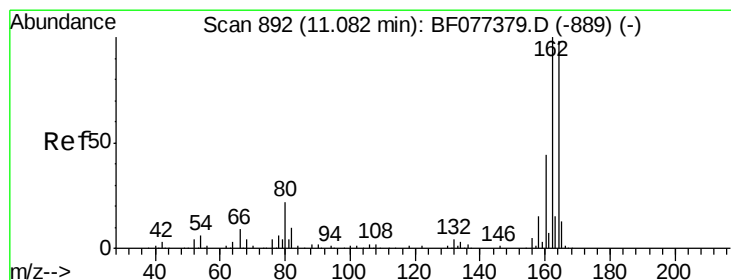
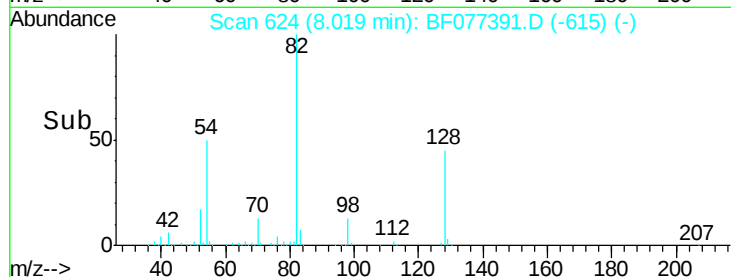
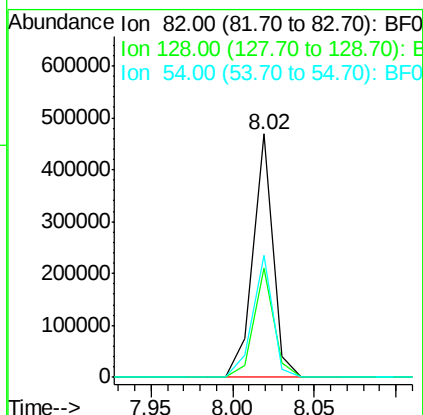
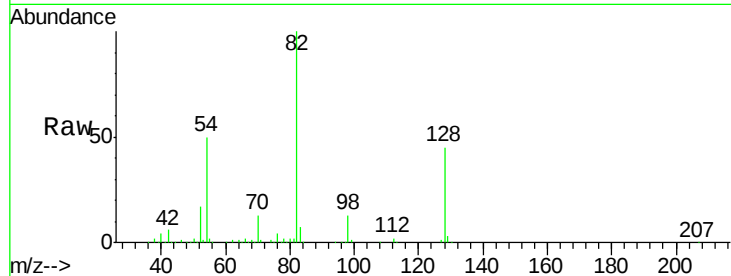




#23
 Nitrobenzene-d5
 Concen: 74.71 ng
 RT: 8.02 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF077391.D
 Acq: 20 Feb 2015 19:40

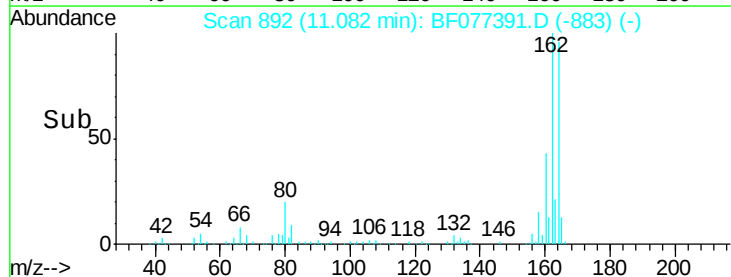
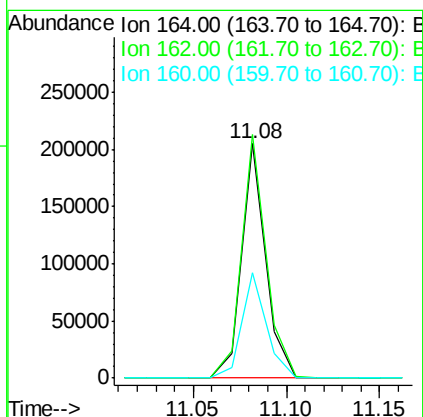
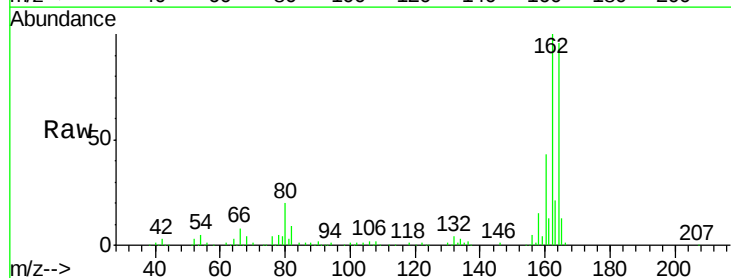
Instrument :
 BNA_F
 ClientSampleId :
 PB81820BL

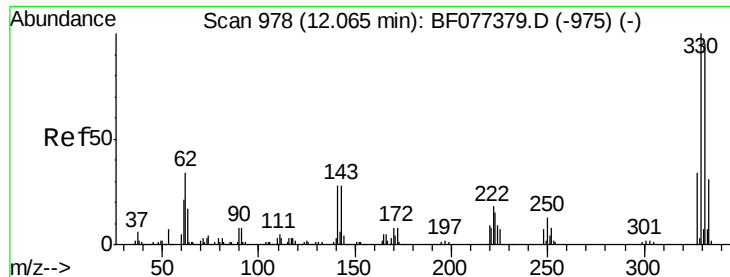
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.9	43.8	65.8
54	50.2	36.7	55.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.08 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: BF077391.D
 Acq: 20 Feb 2015 19:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.2	124.8
160	44.8	34.6	52.0

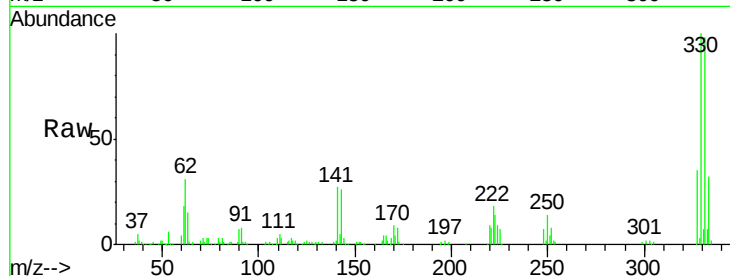




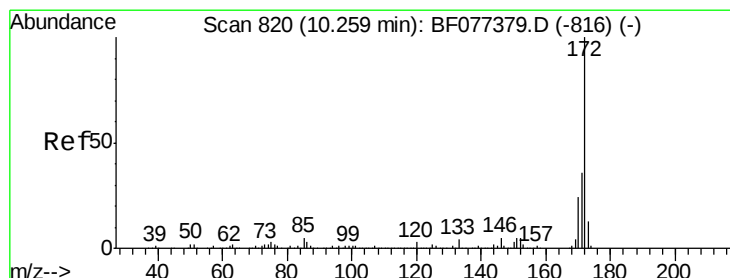
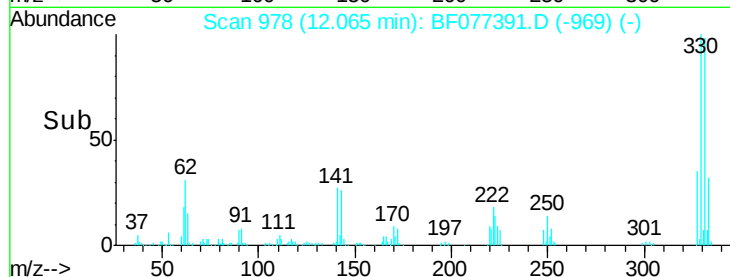
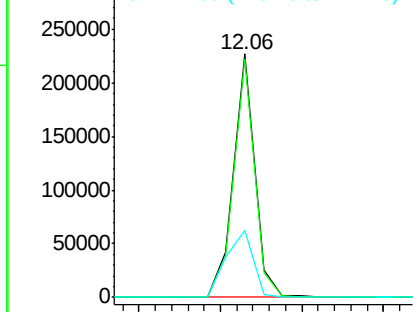
#41
 2,4,6-Tribromophenol
 Concen: 116.22 ng
 RT: 12.06 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF077391.D
 Acq: 20 Feb 2015 19:40

Instrument :
 BNA_F
 ClientSampleId :
 PB81820BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.4	116.2
141	34.7	28.8	43.2

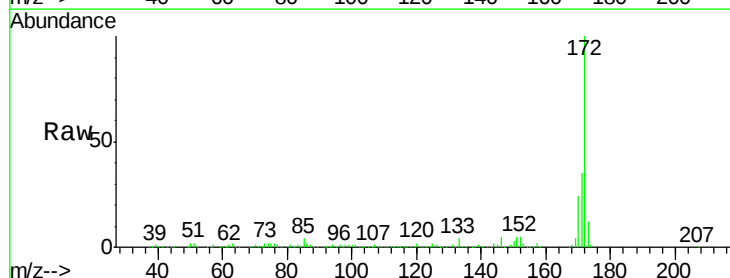


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

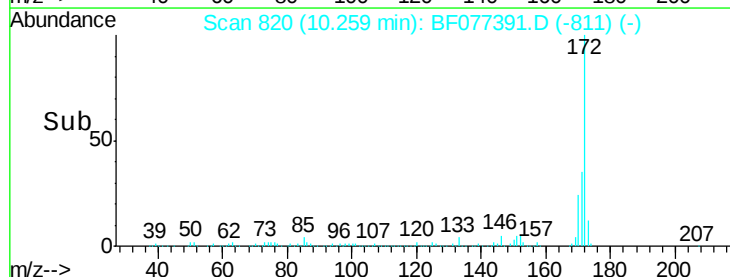
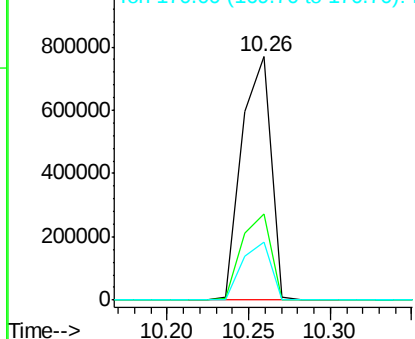


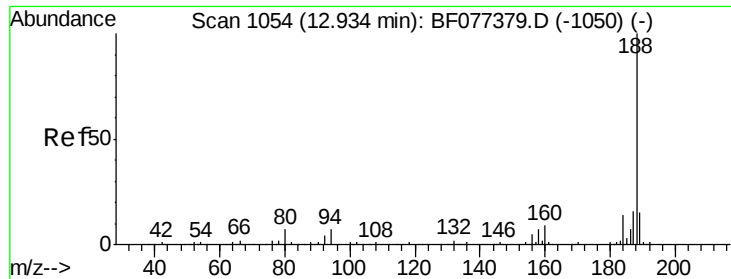
#44
 2-Fluorobiphenyl
 Concen: 80.91 ng
 RT: 10.26 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF077391.D
 Acq: 20 Feb 2015 19:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.9	43.3
170	23.7	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

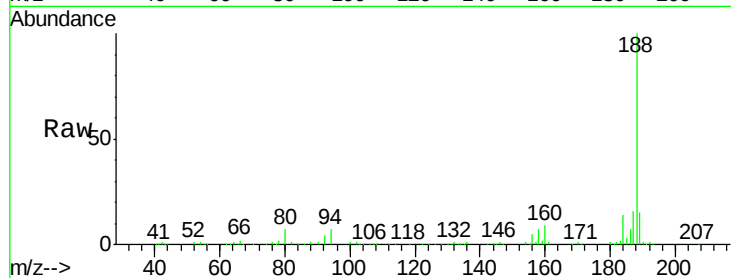




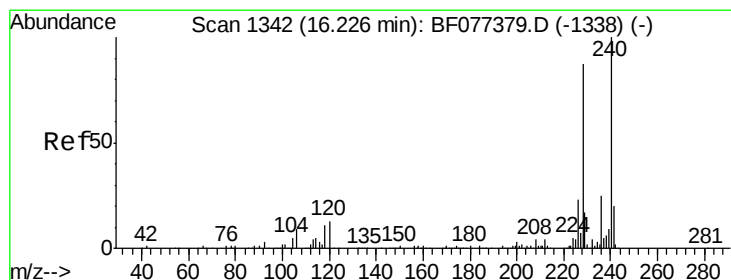
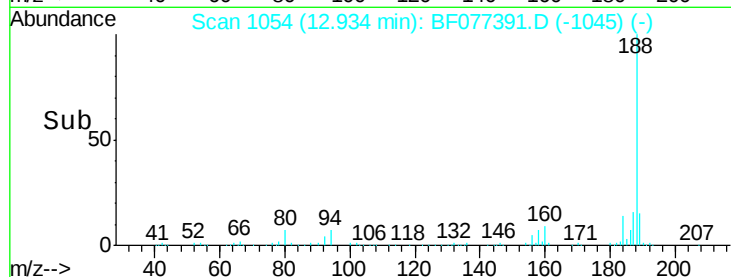
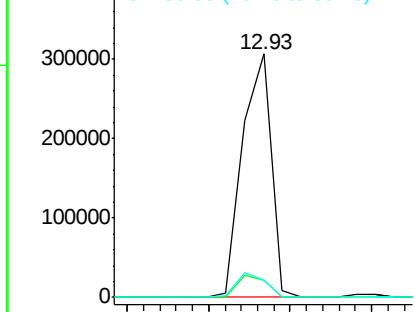
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.93 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF077391.D
Acq: 20 Feb 2015 19:40

Instrument :
BNA_F
ClientSampleId :
PB81820BL

Tgt Ion:188 Resp: 374537
Ion Ratio Lower Upper
188 100
94 7.1 7.4 11.2#
80 6.9 8.0 12.0#

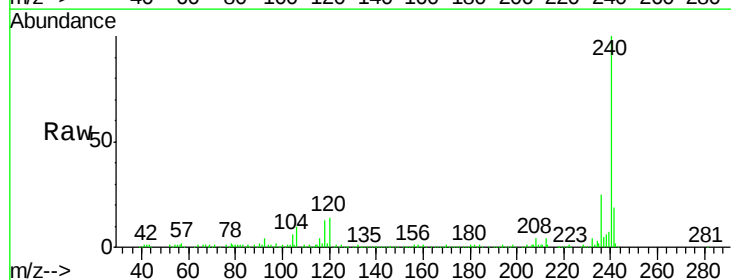


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

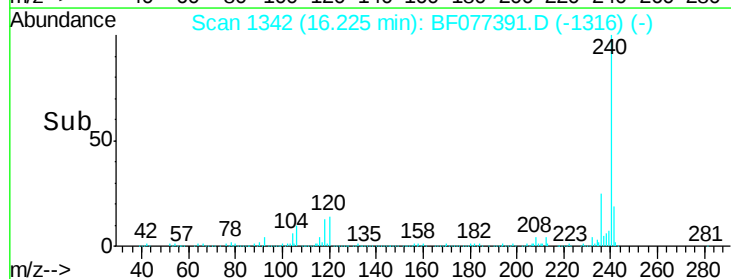
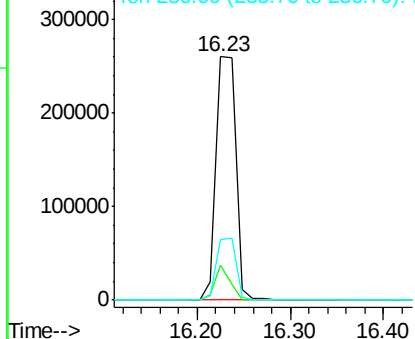


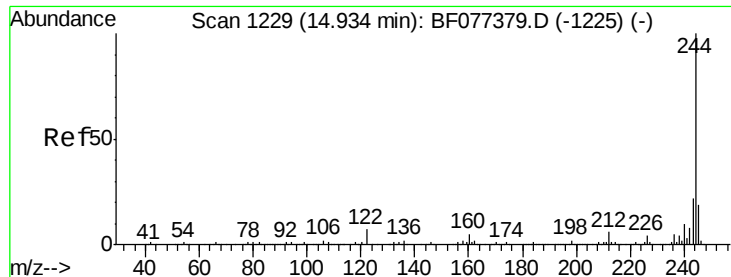
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.23 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF077391.D
Acq: 20 Feb 2015 19:40

Tgt Ion:240 Resp: 382869
Ion Ratio Lower Upper
240 100
120 14.2 8.8 13.2#
236 25.1 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

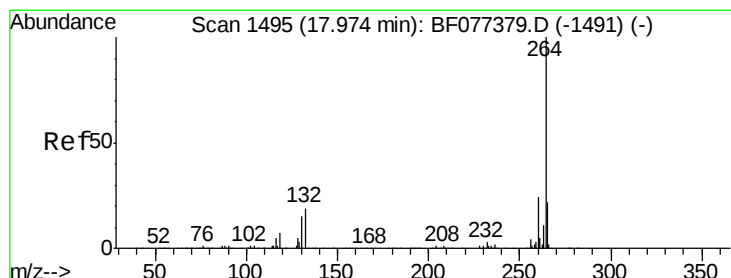
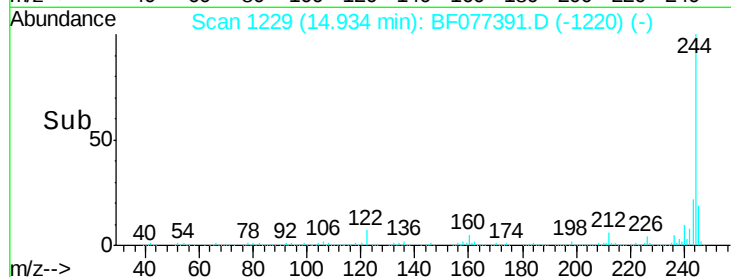
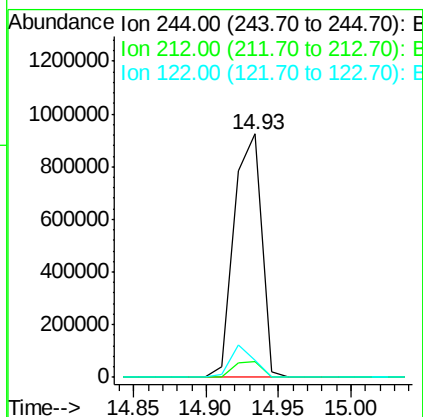
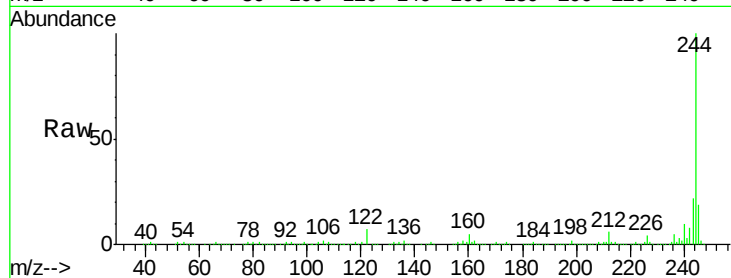




#78
 Terphenyl-d14
 Concen: 74.20 ng
 RT: 14.93 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: BF077391.D
 Acq: 20 Feb 2015 19:40

Instrument :
 BNA_F
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Tgt Ion:244 Resp: 1215192
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.2 7.8
 122 7.2 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.01 min Scan# 1498
 Delta R.T. 0.03 min
 Lab File: BF077391.D
 Acq: 20 Feb 2015 19:40

Tgt Ion:264 Resp: 337972
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.3 28.9
 265 21.5 16.8 25.2

