

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022715\
 Data File : BF077515.D
 Acq On : 27 Feb 2015 19:59
 Operator : TP/IZ
 Sample : G1388-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1121-18-19

Quant Time: Feb 27 22:41:52 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	100152	20.00	ng	0.00
21) Naphthalene-d8	8.83	136	401525	20.00	ng	0.00
38) Acenaphthene-d10	11.01	164	215972	20.00	ng	0.00
63) Phenanthrene-d10	12.85	188	424068	20.00	ng	0.00
75) Chrysene-d12	16.14	240	429289	20.00	ng	-0.01
86) Perylene-d12	17.86	264	415378	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	476896	79.49	ng	0.00
7) Phenol-d6	6.82	99	637966	82.71	ng	0.00
23) Nitrobenzene-d5	7.95	82	379469	58.77	ng	0.00
41) 2,4,6-Tribromophenol	11.99	330	171256	82.35	ng	0.00
44) 2-Fluorobiphenyl	10.18	172	795242	57.41	ng	0.00
78) Terphenyl-d14	14.85	244	980254	53.38	ng	0.00

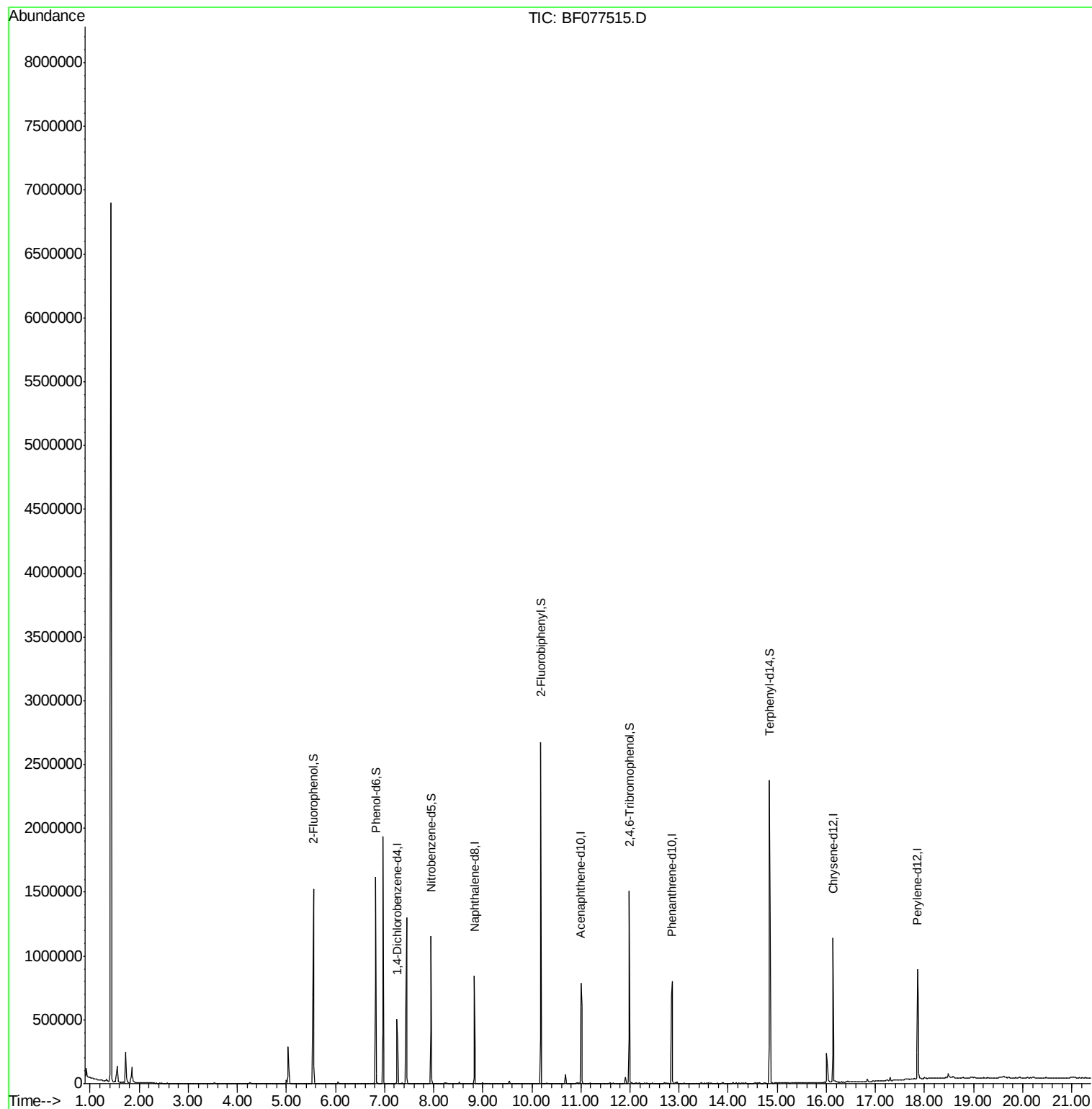
Target Compounds	Qvalue
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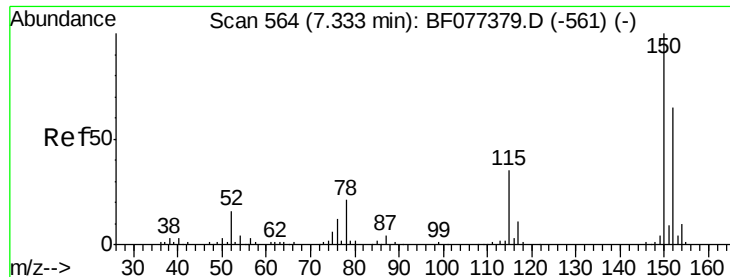
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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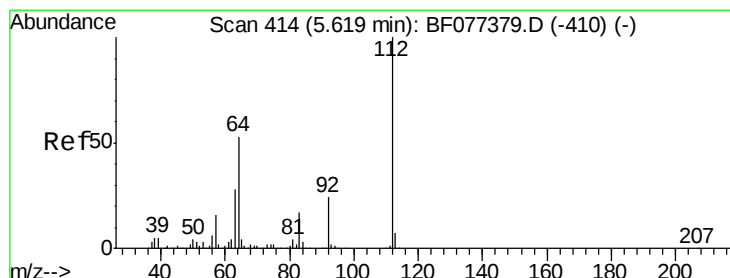
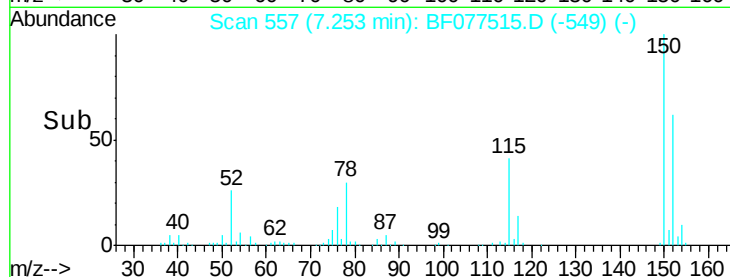
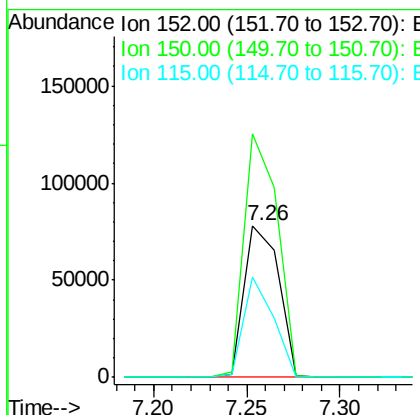
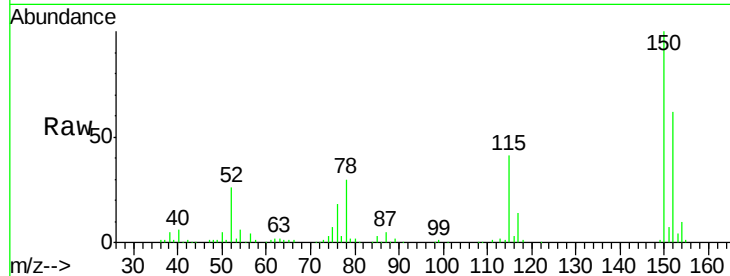


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.26 min Scan# 557
 Delta R.T. -0.00 min
 Lab File: BF077515.D
 Acq: 27 Feb 2015 19:59

Instrument :
 BNA_F
 ClientSampleId :
 1121-18-19

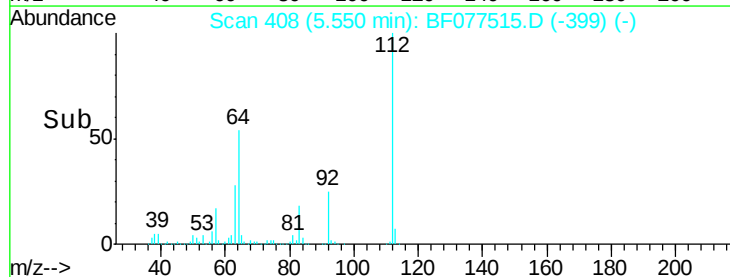
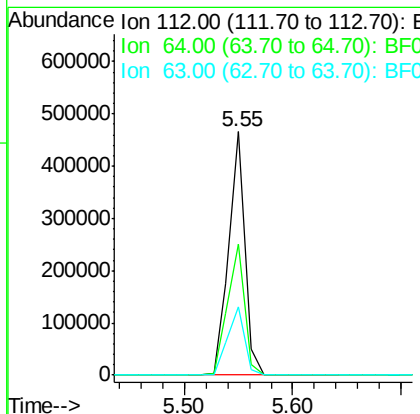
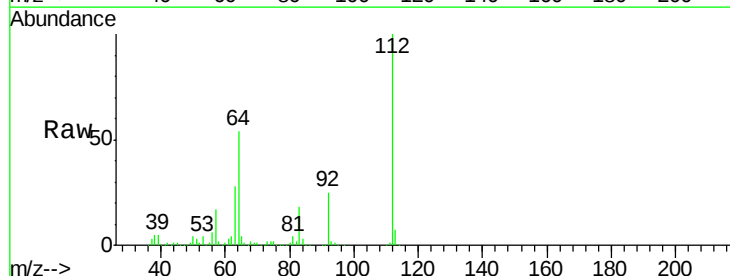
Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.6	124.0	186.0
115	66.5	49.4	74.2



#5

2-Fluorophenol
 Concen: 79.49 ng
 RT: 5.55 min Scan# 408
 Delta R.T. 0.00 min
 Lab File: BF077515.D
 Acq: 27 Feb 2015 19:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.6	48.5	72.7
63	27.9	25.0	37.4





#7

Phenol-d6

Concen: 82.71 ng

RT: 6.82 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF077515.D

Acq: 27 Feb 2015 19:59

Instrument :

BNA_F

ClientSampleId :

1121-18-19

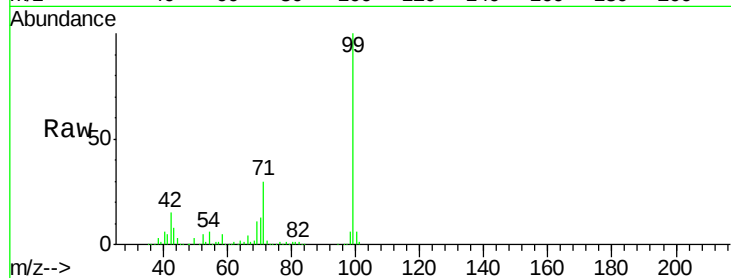
Tgt Ion: 99 Resp: 637966

Ion Ratio Lower Upper

99 100

42 15.0 16.2 24.4#

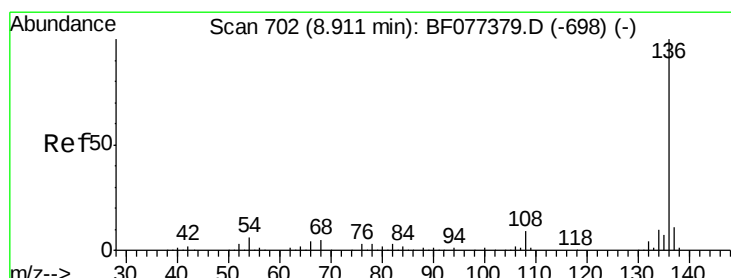
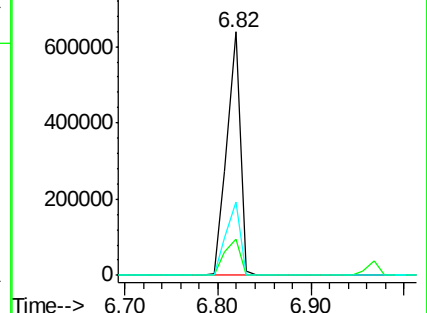
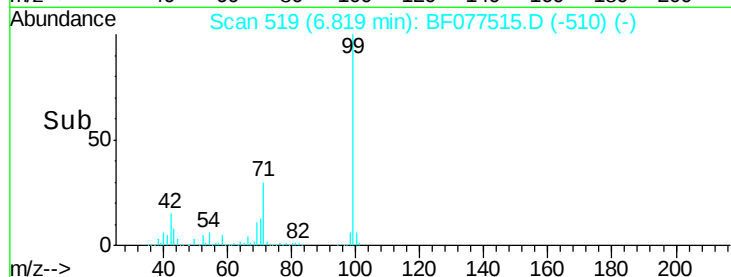
71 30.0 26.7 40.1



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: BF077515.D

Acq: 27 Feb 2015 19:59

Tgt Ion: 136 Resp: 401525

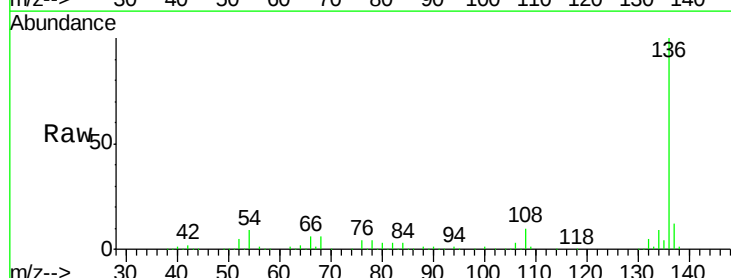
Ion Ratio Lower Upper

136 100

137 11.6 8.6 13.0

54 8.5 6.2 9.4

68 6.5 5.0 7.6

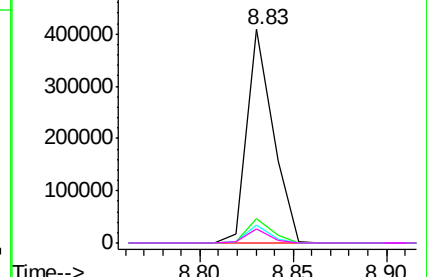
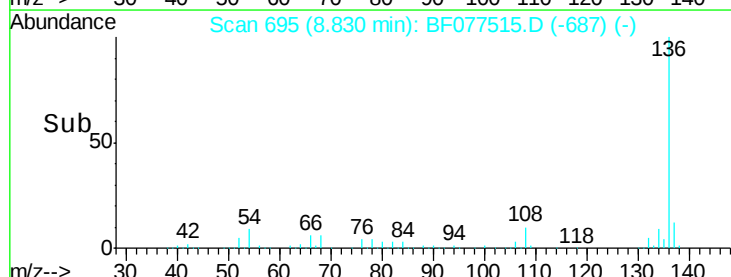


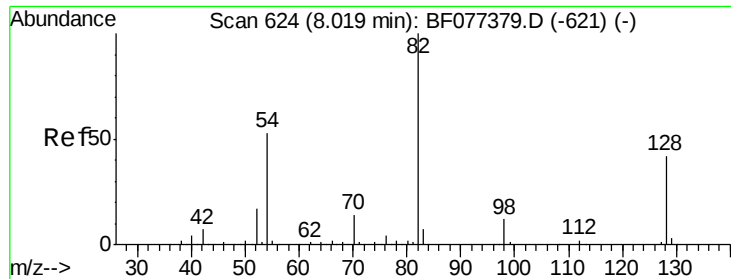
Abundance Ion 136.00 (135.70 to 136.70): E

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

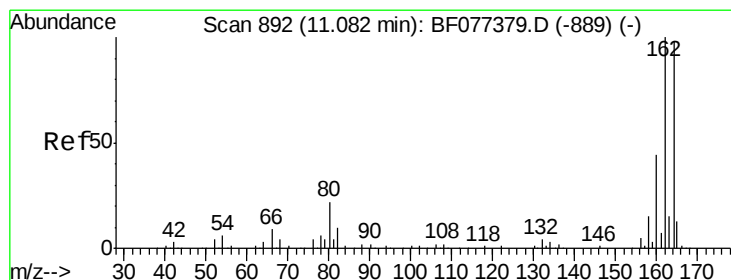
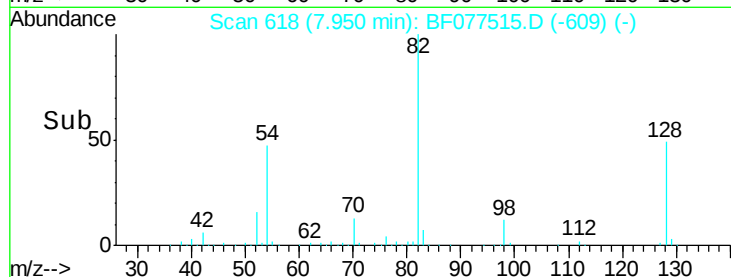
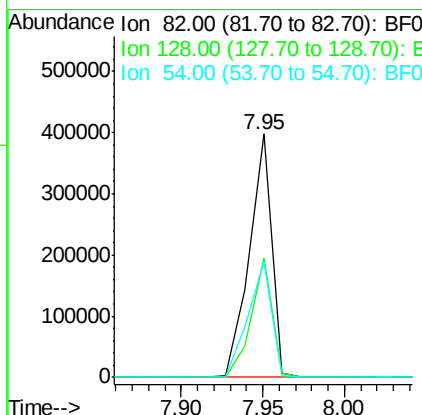
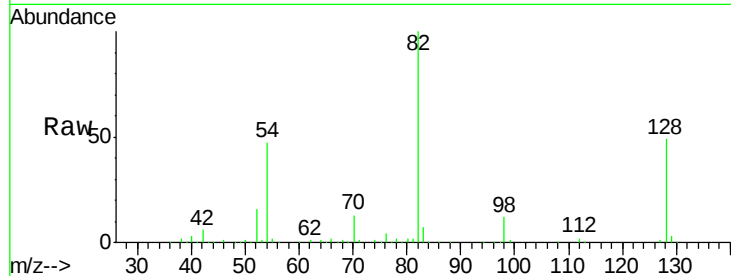




#23
 Nitrobenzene-d5
 Concen: 58.77 ng
 RT: 7.95 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF077515.D
 Acq: 27 Feb 2015 19:59

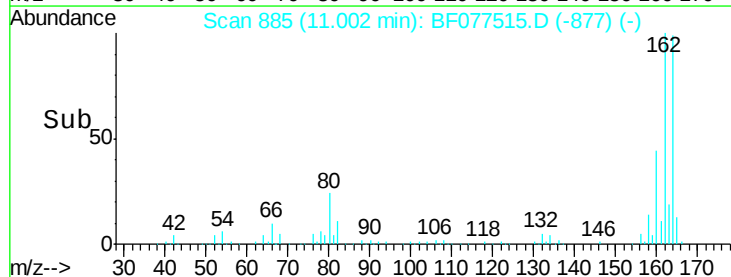
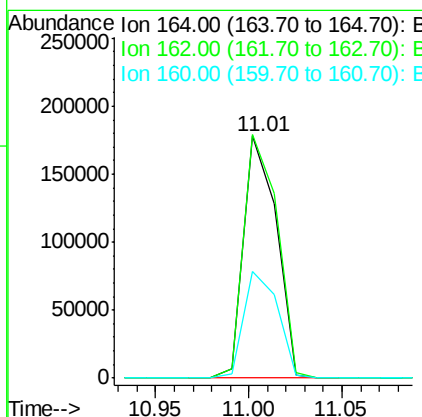
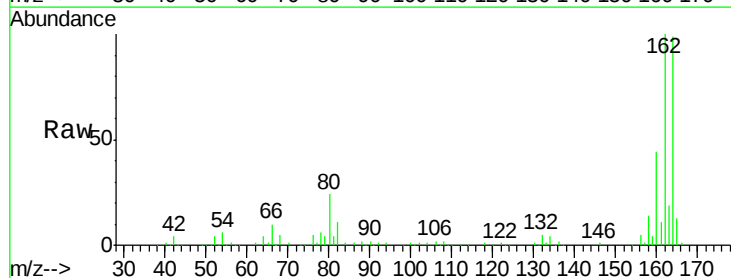
Instrument :
 BNA_F
 ClientSampled :
 1121-18-19

Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.2	43.8	65.8
54	47.4	36.7	55.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.01 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BF077515.D
 Acq: 27 Feb 2015 19:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	83.2	124.8
160	44.0	34.6	52.0

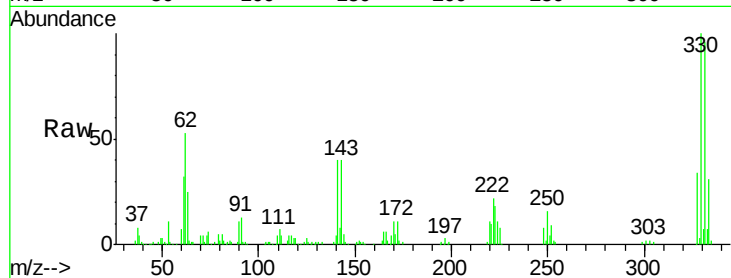




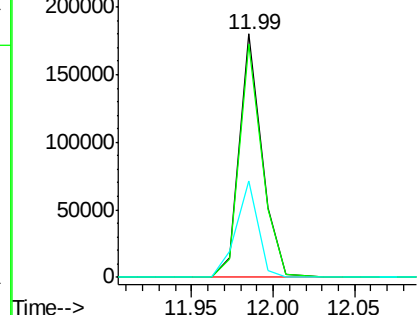
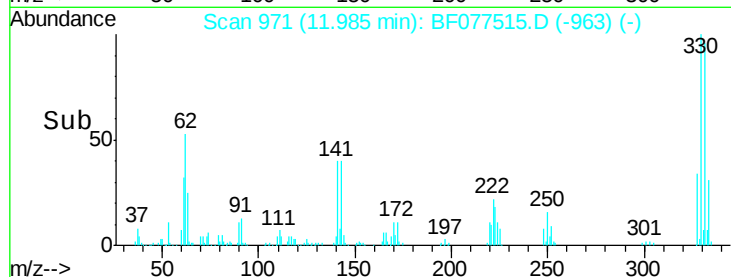
#41
 2,4,6-Tribromophenol
 Concen: 82.35 ng
 RT: 11.99 min Scan# 971
 Delta R.T. -0.00 min
 Lab File: BF077515.D
 Acq: 27 Feb 2015 19:59

Instrument :
 BNA_F
 ClientSampleId :
 1121-18-19

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.2
141	38.5	28.8	43.2

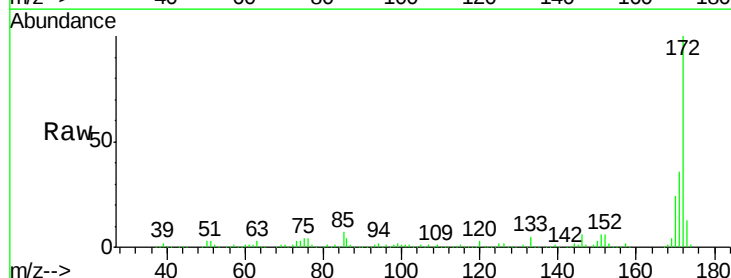


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

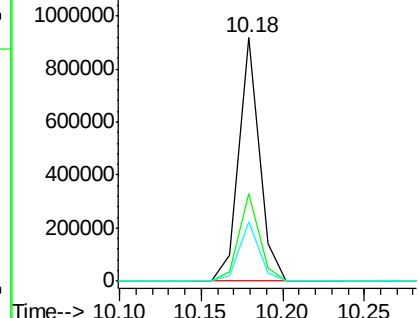
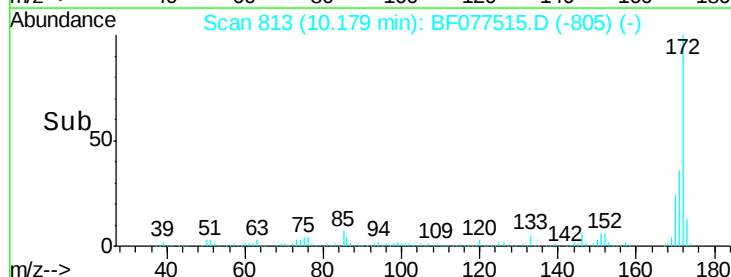


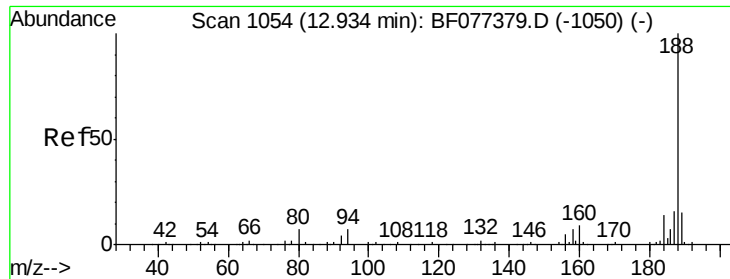
#44
 2-Fluorobiphenyl
 Concen: 57.41 ng
 RT: 10.18 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF077515.D
 Acq: 27 Feb 2015 19:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.9	43.3
170	24.2	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

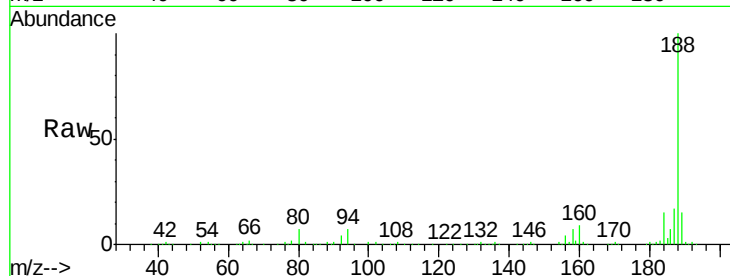




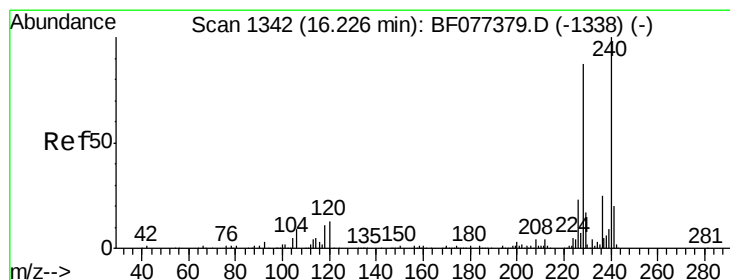
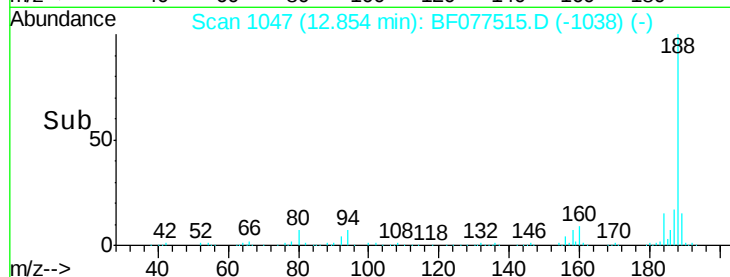
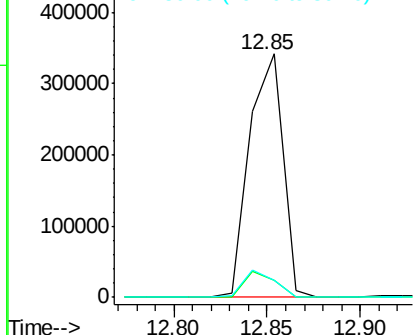
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.85 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF077515.D
Acq: 27 Feb 2015 19:59

Instrument :
BNA_F
ClientSampleId :
1121-18-19

Tgt Ion:188 Resp: 424068
Ion Ratio Lower Upper
188 100
94 6.9 7.4 11.2#
80 7.0 8.0 12.0#

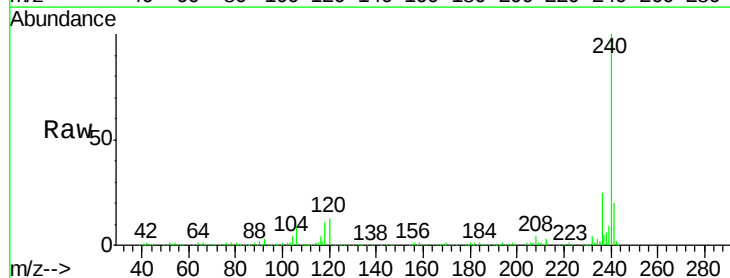


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

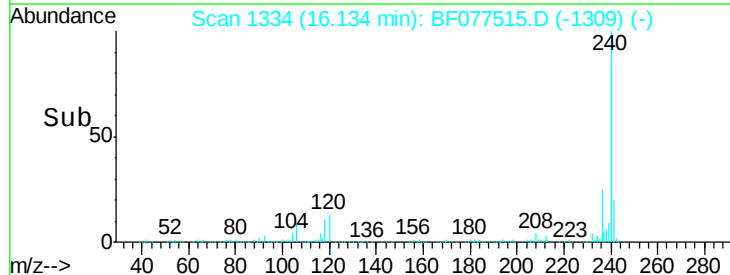
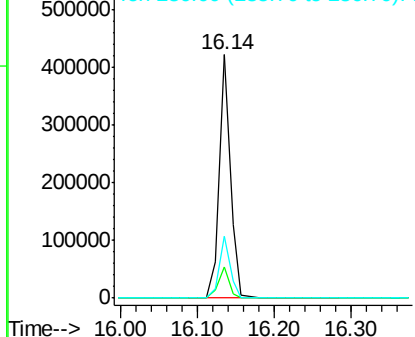


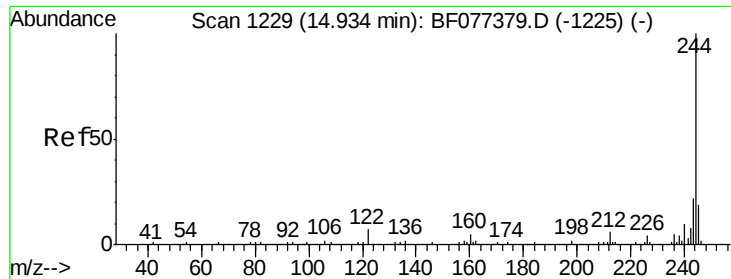
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.14 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF077515.D
Acq: 27 Feb 2015 19:59

Tgt Ion:240 Resp: 429289
Ion Ratio Lower Upper
240 100
120 12.7 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

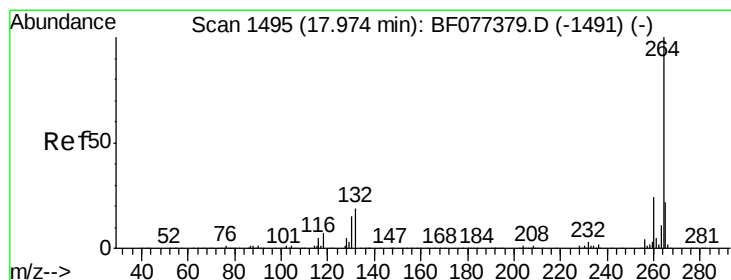
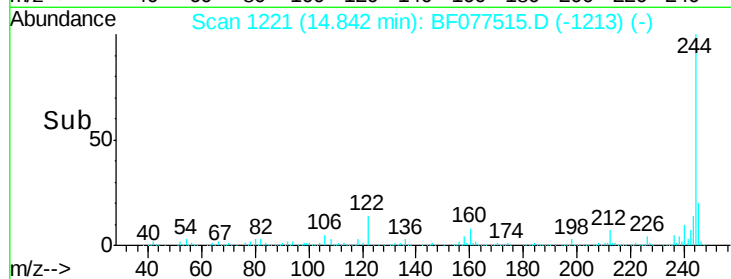
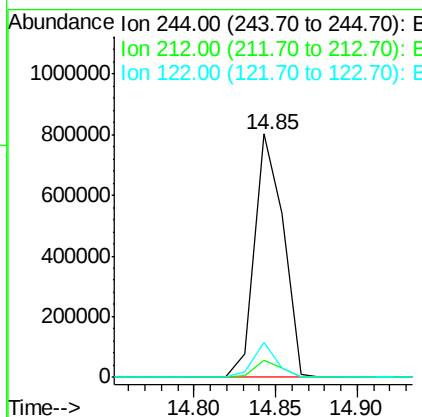
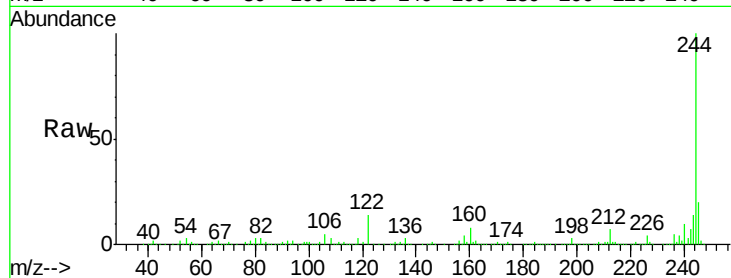




#78
 Terphenyl-d14
 Concen: 53.38 ng
 RT: 14.85 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BF077515.D
 Acq: 27 Feb 2015 19:59

Instrument :
 BNA_F
 ClientSampleId :
 1121-18-19

Tgt Ion:244 Resp: 980254
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.2 7.8
 122 14.3 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.86 min Scan# 1485
 Delta R.T. -0.05 min
 Lab File: BF077515.D
 Acq: 27 Feb 2015 19:59

Tgt Ion:264 Resp: 415378
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.3 28.9
 265 21.7 16.8 25.2

