

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022015\
 Data File : BF077386.D
 Acq On : 20 Feb 2015 17:17
 Operator : TP/IZ
 Sample : G1302-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FYMW-08ARE

Quant Time: Feb 21 00:09:37 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

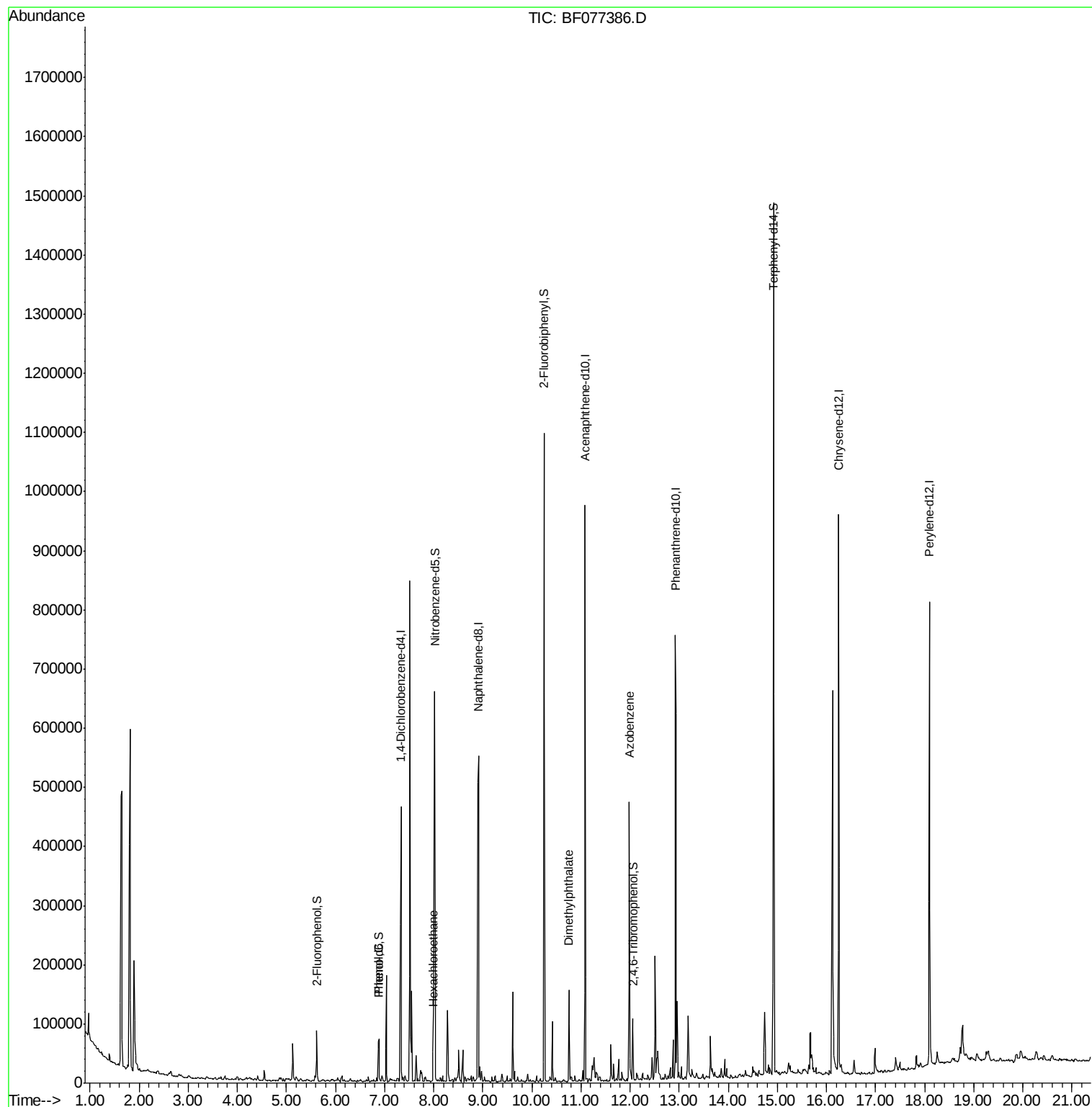
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	87301	20.00	ng	0.00
21) Naphthalene-d8	8.91	136	357321	20.00	ng	0.00
38) Acenaphthene-d10	11.08	164	193246	20.00	ng	0.00
63) Phenanthrene-d10	12.92	188	384679	20.00	ng	-0.01
75) Chrysene-d12	16.25	240	398143	20.00	ng	0.02
86) Perylene-d12	18.10	264	359239	20.00	ng	0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	25483	4.87	ng	0.00
7) Phenol-d6	6.88	99	26788	3.98	ng	0.00
23) Nitrobenzene-d5	8.02	82	197098	34.30	ng	0.00
41) 2,4,6-Tribromophenol	12.06	330	15801	8.49	ng	0.00
44) 2-Fluorobiphenyl	10.25	172	432672	34.91	ng	-0.01
78) Terphenyl-d14	14.92	244	574525	33.73	ng	-0.01
Target Compounds						
10) Phenol	6.89	94	21720	2.72	ng	Qvalue 96
18) Hexachloroethane	7.98	117	10718	4.70	ng	# 38
49) Dimethylphthalate	10.75	163	83704	6.16	ng	98
62) Azobenzene	11.98	77	91845	7.23	ng	# 1

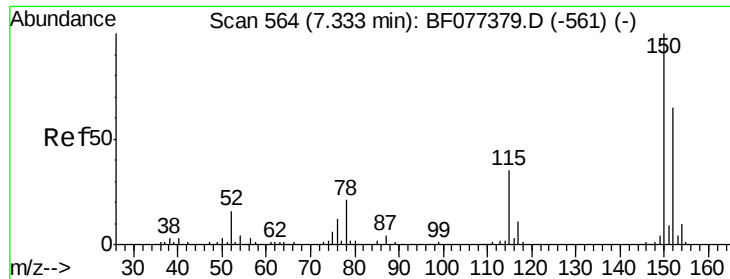
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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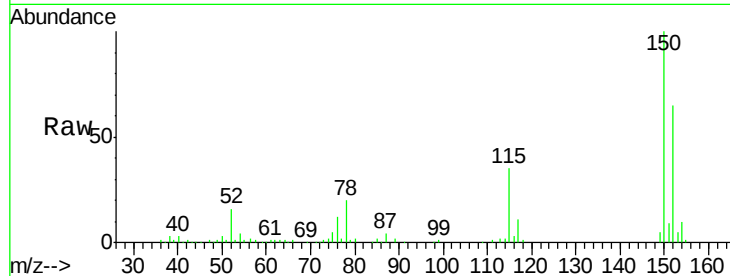


#1

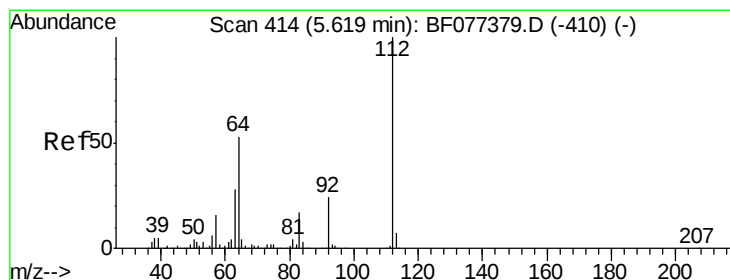
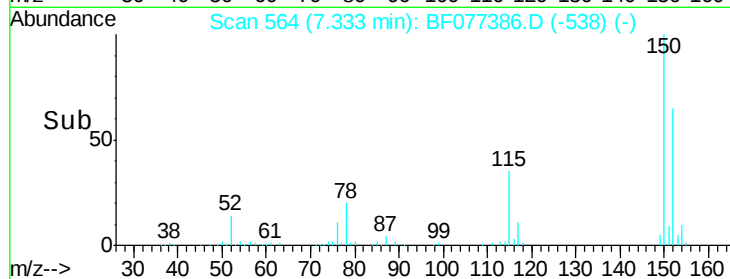
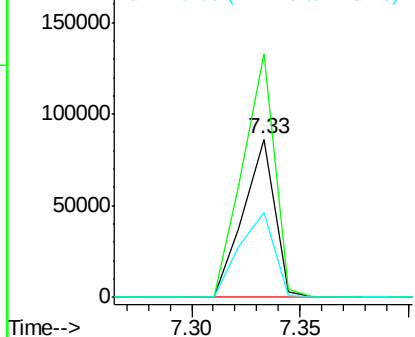
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF077386.D
Acq: 20 Feb 2015 17:17

Instrument :
BNA_F
ClientSampleId :
FYMW-08ARE

Tgt Ion:152 Resp: 87301
Ion Ratio Lower Upper
152 100
150 153.6 124.0 186.0
115 53.6 49.4 74.2



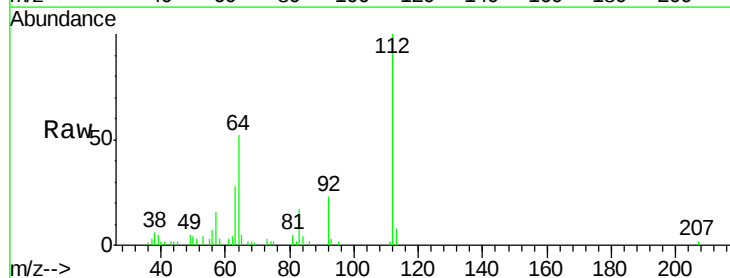
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



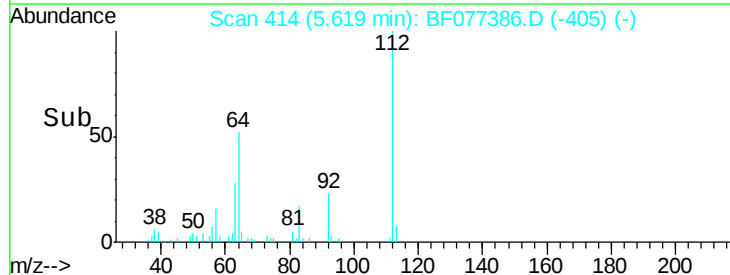
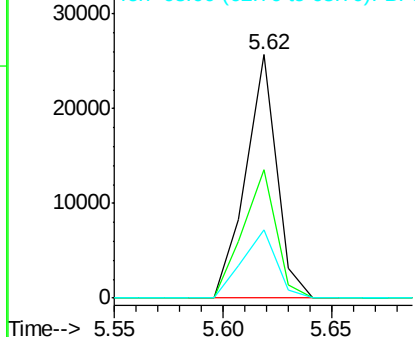
#5

2-Fluorophenol
Concen: 4.87 ng
RT: 5.62 min Scan# 414
Delta R.T. -0.00 min
Lab File: BF077386.D
Acq: 20 Feb 2015 17:17

Tgt Ion:112 Resp: 25483
Ion Ratio Lower Upper
112 100
64 52.5 48.5 72.7
63 28.2 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: 3.98 ng

RT: 6.88 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF077386.D

Acq: 20 Feb 2015 17:17

Instrument :

BNA_F

ClientSampleId :

FYMW-08ARE

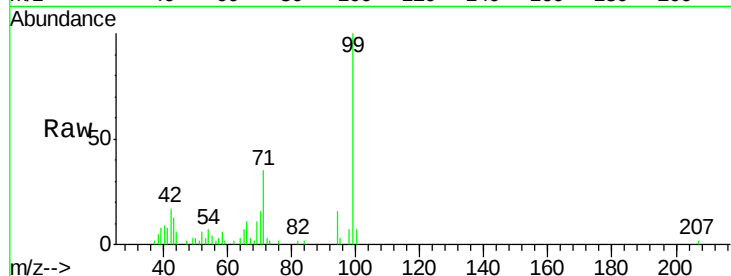
Tgt Ion: 99 Resp: 26788

Ion Ratio Lower Upper

99 100

42 16.7 16.2 24.4

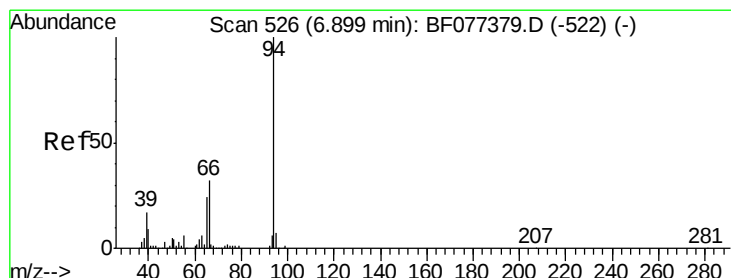
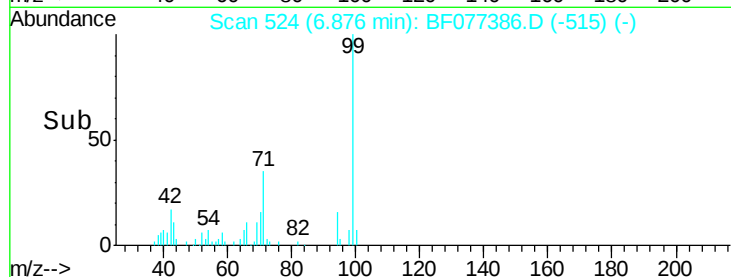
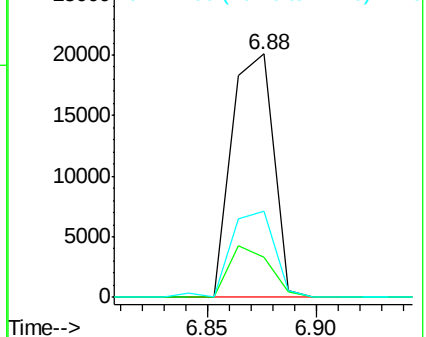
71 35.2 26.7 40.1



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



#10

Phenol

Concen: 2.72 ng

RT: 6.89 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF077386.D

Acq: 20 Feb 2015 17:17

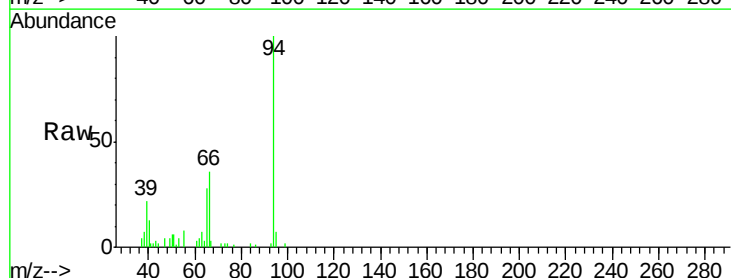
Tgt Ion: 94 Resp: 21720

Ion Ratio Lower Upper

94 100

65 27.6 5.7 45.7

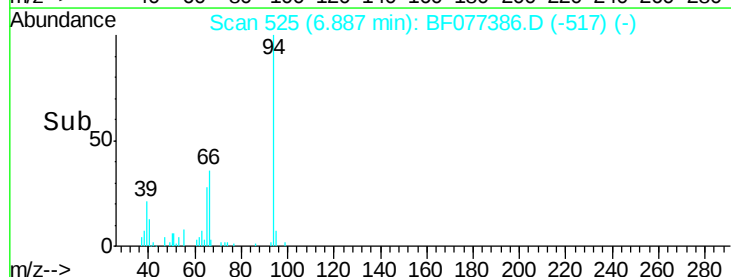
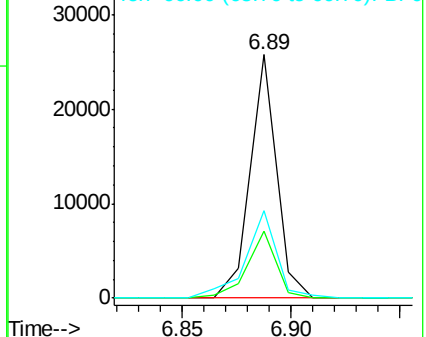
66 35.8 13.6 53.6

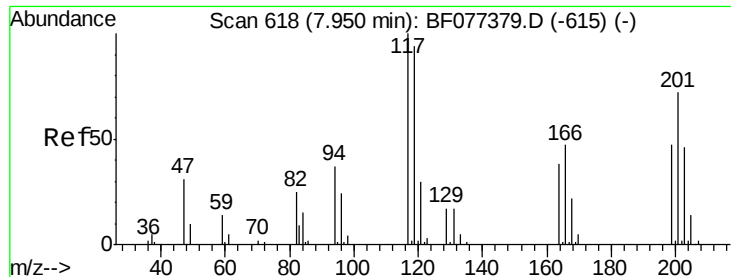


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

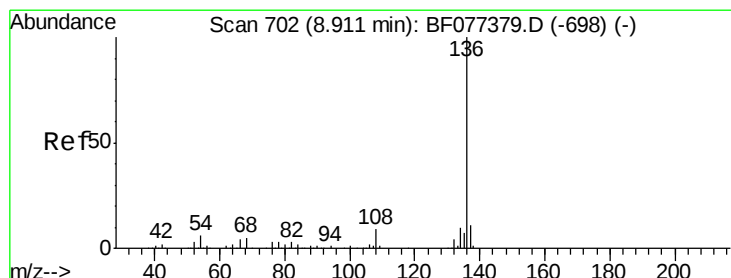
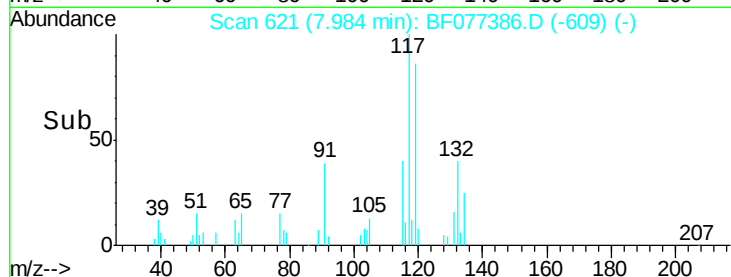
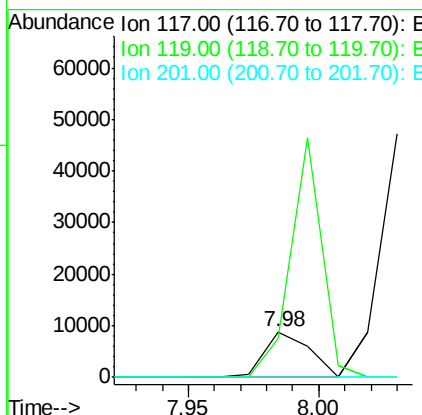
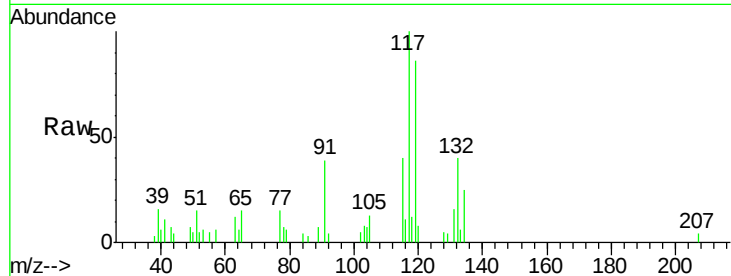




#18
Hexachloroethane
Concen: 4.70 ng
RT: 7.98 min Scan# 621
Delta R.T. 0.03 min
Lab File: BF077386.D
Acq: 20 Feb 2015 17:17

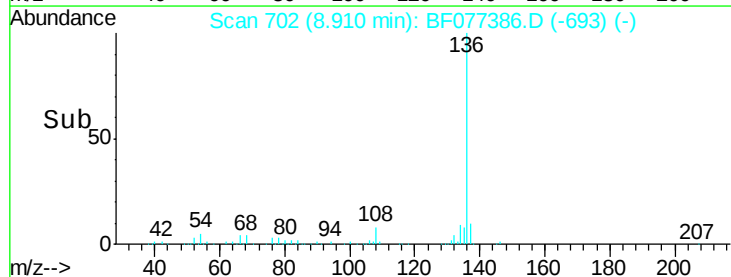
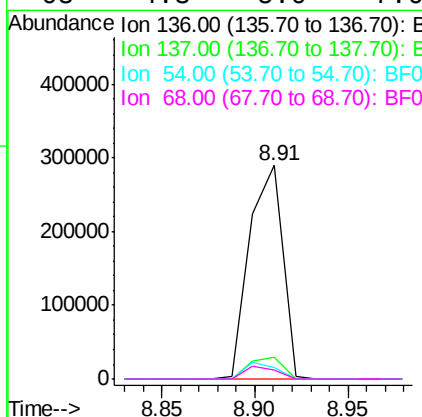
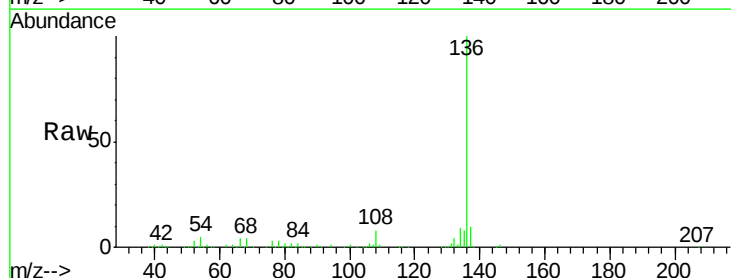
Instrument :
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ClientSampleId :
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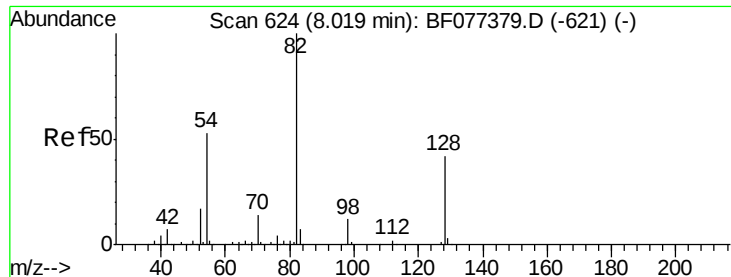
Tgt Ion:117 Resp: 10718
Ion Ratio Lower Upper
117 100
119 85.8 77.8 116.8
201 0.0 90.6 136.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.91 min Scan# 702
Delta R.T. -0.00 min
Lab File: BF077386.D
Acq: 20 Feb 2015 17:17

Tgt Ion:136 Resp: 357321
Ion Ratio Lower Upper
136 100
137 10.2 8.6 13.0
54 5.2 6.2 9.4#
68 4.3 5.0 7.6#

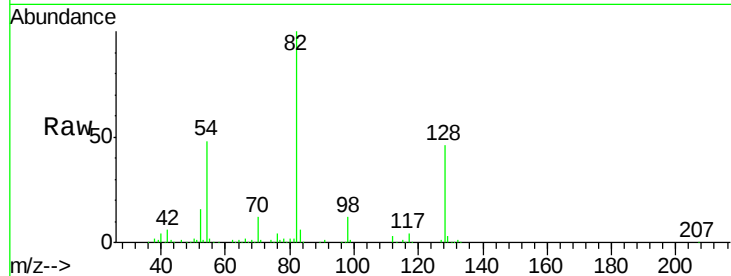




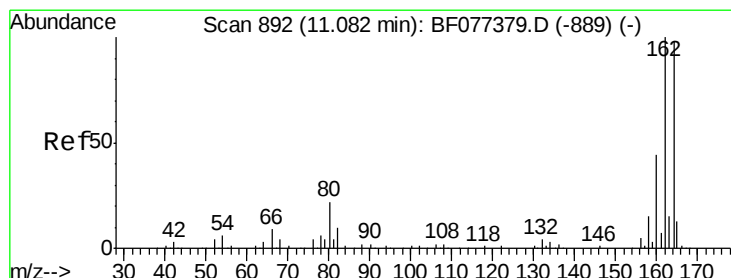
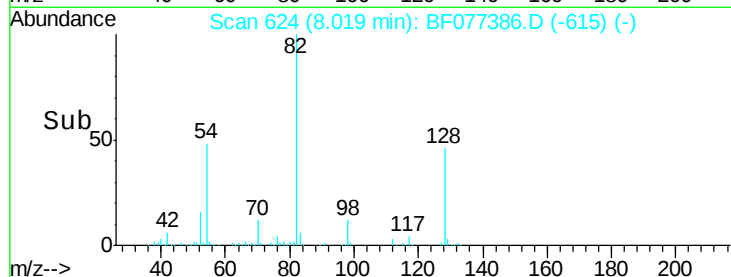
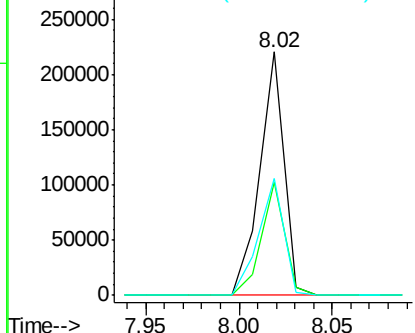
#23
 Nitrobenzene-d5
 Concen: 34.30 ng
 RT: 8.02 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF077386.D
 Acq: 20 Feb 2015 17:17

Instrument :
 BNA_F
 ClientSampleId :
 FYMW-08ARE

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.5	43.8	65.8
54	47.8	36.7	55.1

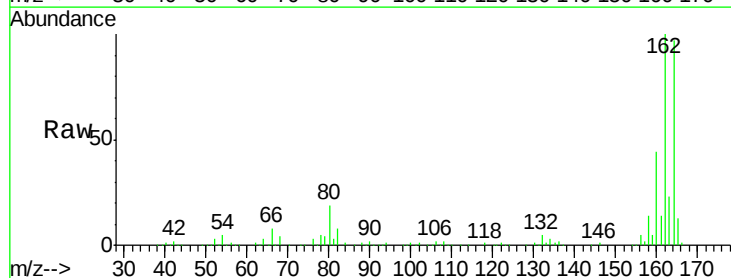


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

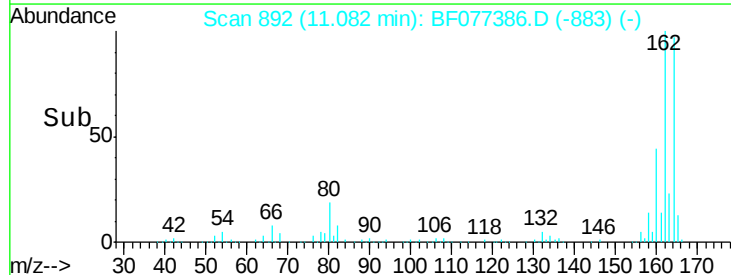
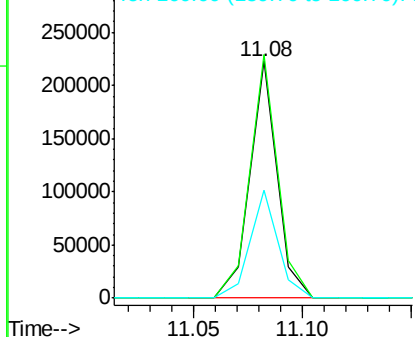


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.08 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: BF077386.D
 Acq: 20 Feb 2015 17:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.2	124.8
160	45.6	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

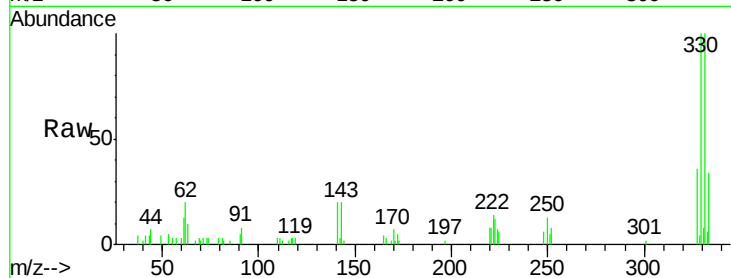




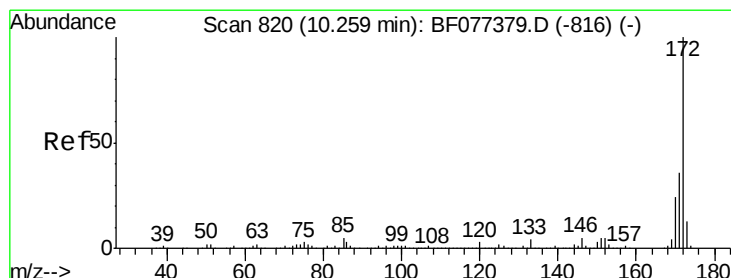
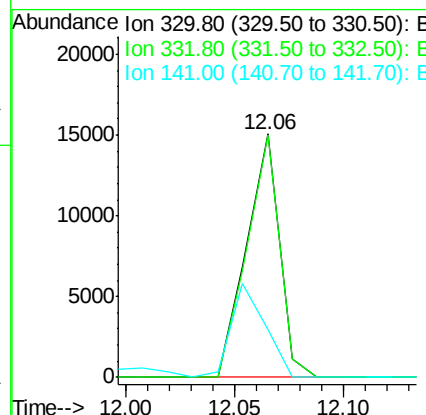
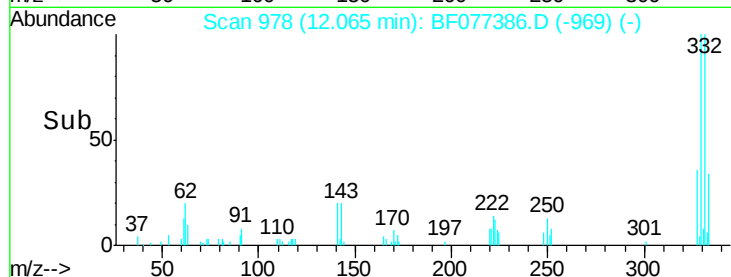
#41
 2,4,6-Tribromophenol
 Concen: 8.49 ng
 RT: 12.06 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF077386.D
 Acq: 20 Feb 2015 17:17

Instrument :
 BNA_F
 ClientSampleId :
 FYMW-08ARE

Tgt Ion:330 Resp: 15801
 Ion Ratio Lower Upper
 330 100
 332 98.7 77.4 116.2
 141 39.3 28.8 43.2

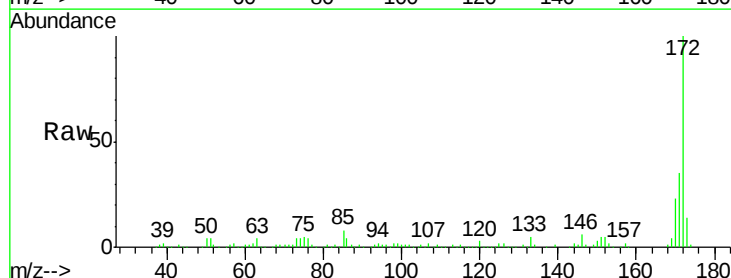


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

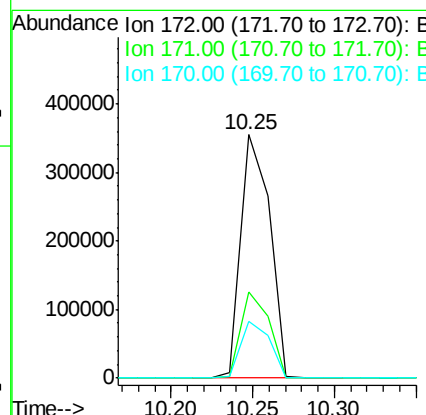
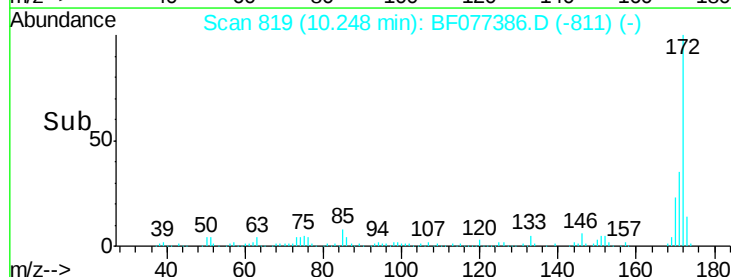


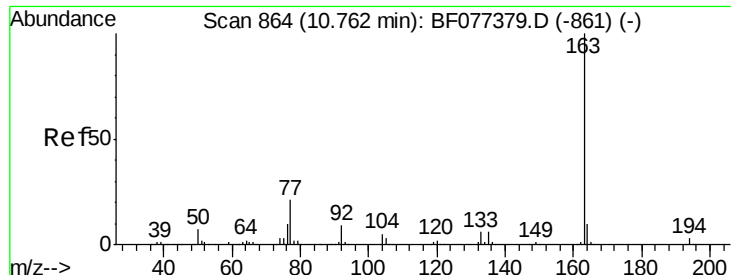
#44
 2-Fluorobiphenyl
 Concen: 34.91 ng
 RT: 10.25 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF077386.D
 Acq: 20 Feb 2015 17:17

Tgt Ion:172 Resp: 432672
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.9 43.3
 170 23.3 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

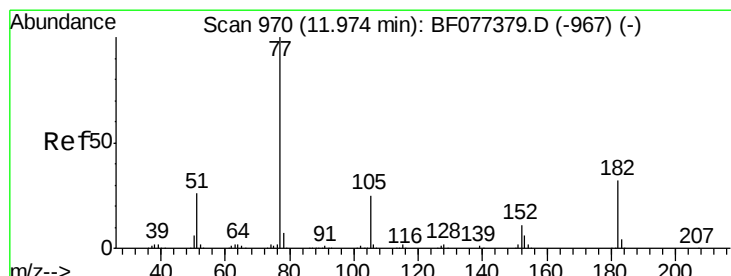
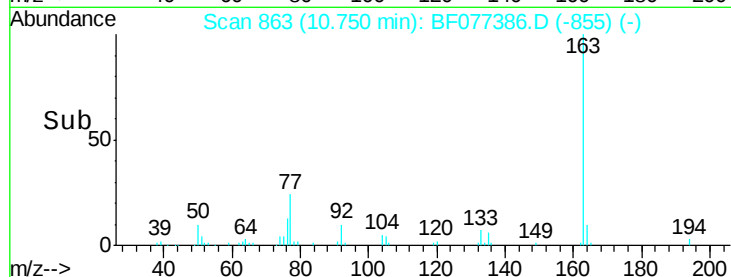
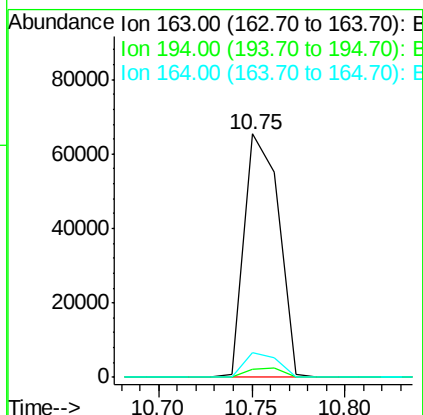
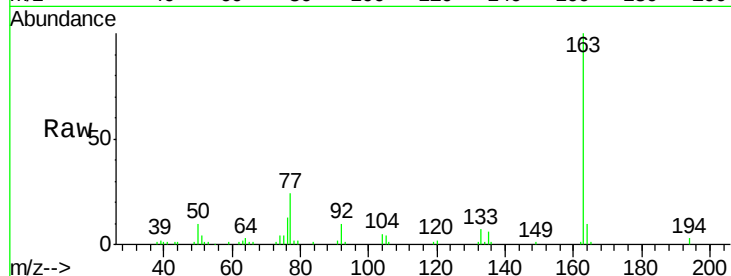




#49
Dimethylphthalate
Concen: 6.16 ng
RT: 10.75 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF077386.D
Acq: 20 Feb 2015 17:17

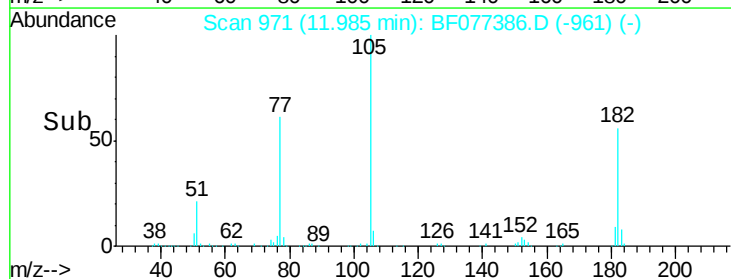
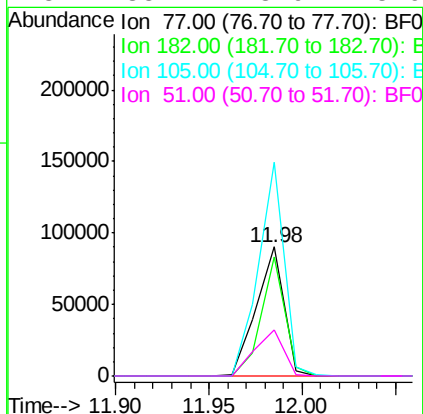
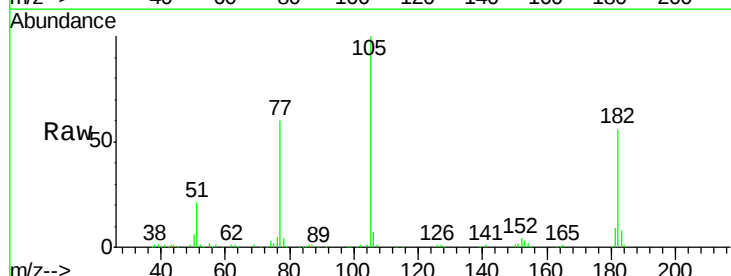
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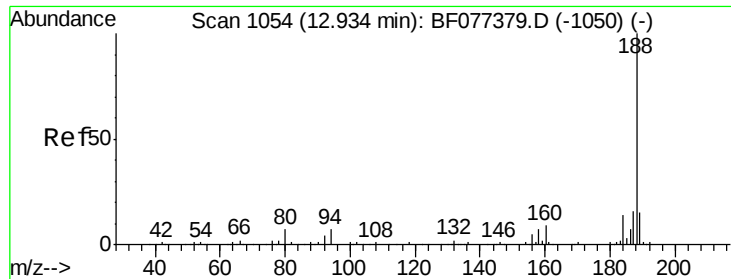
Tgt Ion: 163 Resp: 83704
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.0 8.6 13.0



#62
Azobenzene
Concen: 7.23 ng
RT: 11.98 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF077386.D
Acq: 20 Feb 2015 17:17

Tgt Ion: 77 Resp: 91845
Ion Ratio Lower Upper
77 100
182 92.1 4.9 44.9#
105 165.9 3.3 43.3#
51 35.4 8.9 48.9

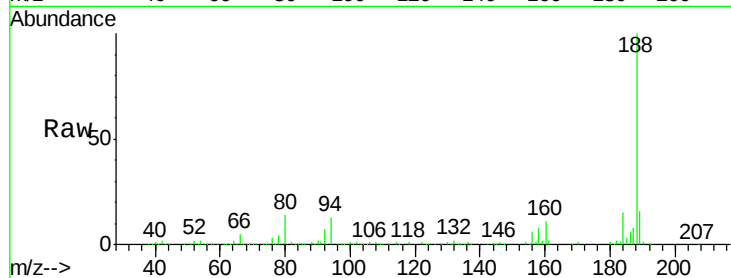




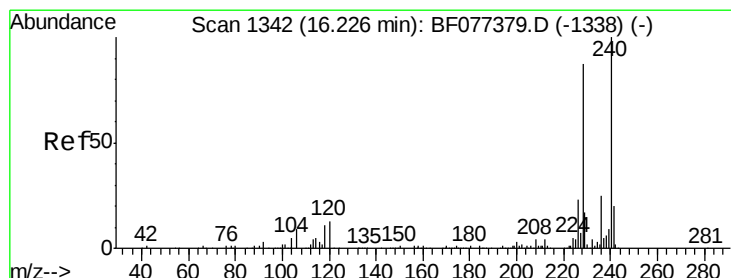
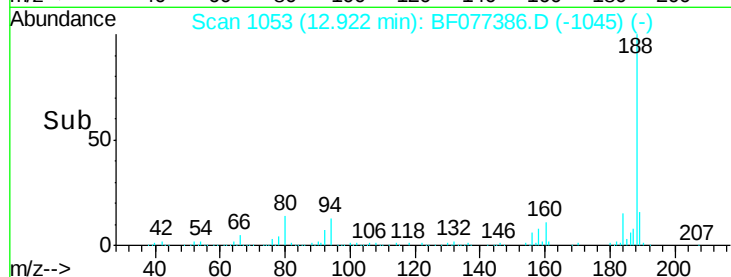
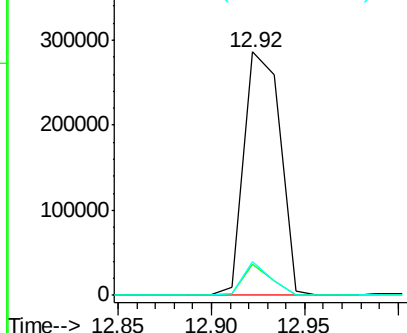
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.92 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF077386.D
Acq: 20 Feb 2015 17:17

Instrument :
BNA_F
ClientSampleId :
FYMW-08ARE

Tgt Ion:188 Resp: 384679
Ion Ratio Lower Upper
188 100
94 12.7 7.4 11.2#
80 13.9 8.0 12.0#

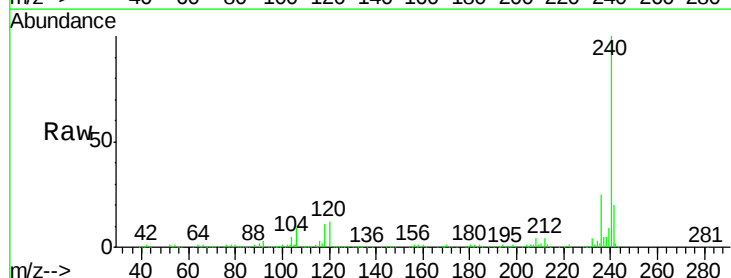


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

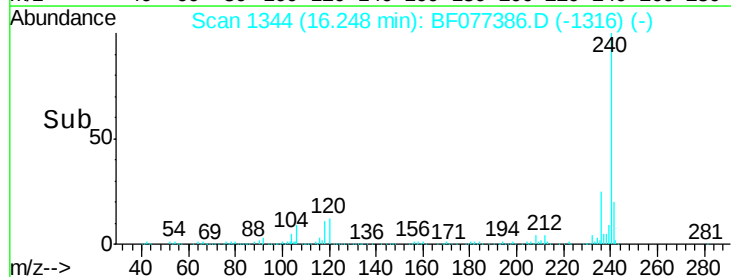
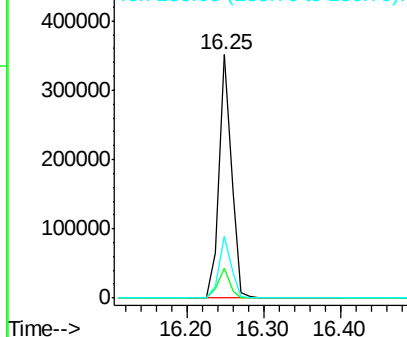


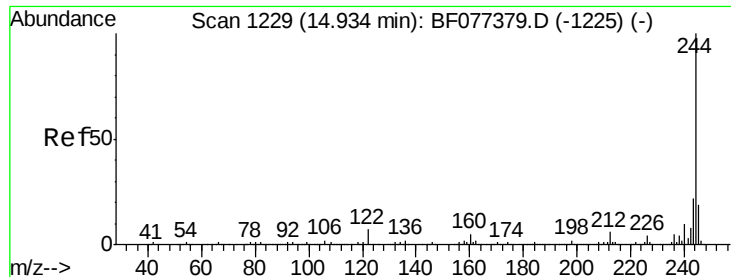
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.25 min Scan# 1344
Delta R.T. 0.02 min
Lab File: BF077386.D
Acq: 20 Feb 2015 17:17

Tgt Ion:240 Resp: 398143
Ion Ratio Lower Upper
240 100
120 12.1 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: 33.73 ng

RT: 14.92 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF077386.D

Acq: 20 Feb 2015 17:17

Instrument :

BNA_F

ClientSampleId :

FYMW-08ARE

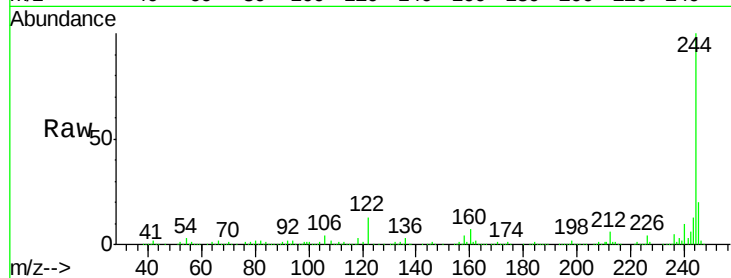
Tgt Ion:244 Resp: 574525

Ion Ratio Lower Upper

244 100

212 6.4 5.2 7.8

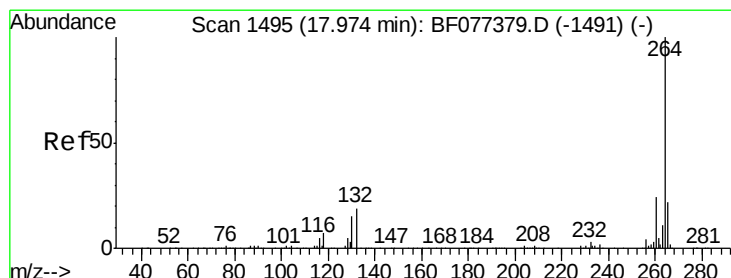
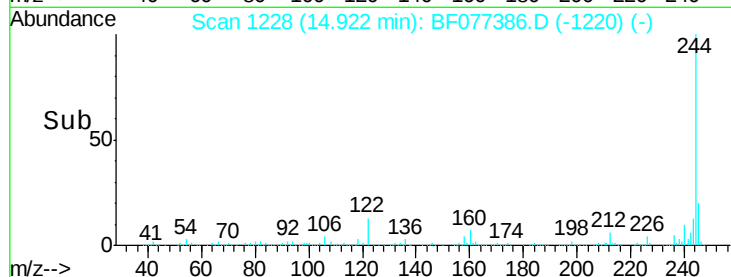
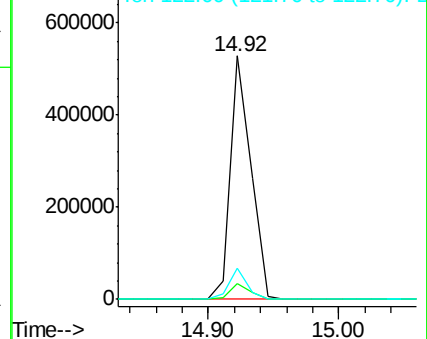
122 12.9 7.8 11.8#



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: 18.10 min Scan# 1506

Delta R.T. 0.13 min

Lab File: BF077386.D

Acq: 20 Feb 2015 17:17

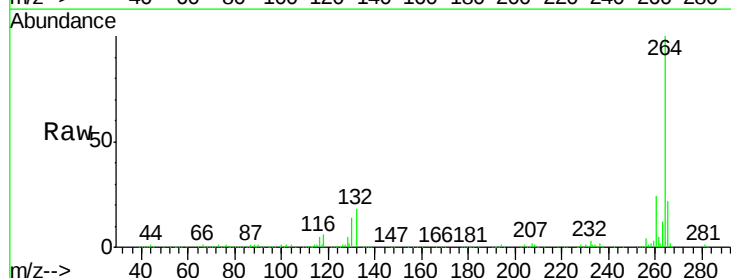
Tgt Ion:264 Resp: 359239

Ion Ratio Lower Upper

264 100

260 23.7 19.3 28.9

265 21.8 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

