

Data Path : Z:\HPCHEM1\BNA_F\Data\BF052115\
 Data File : BF079404.D
 Acq On : 21 May 2015 15:46
 Operator : TP/IZ
 Sample : PB83521BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83521BL

Manual Integrations
 APPROVED

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Quant Time: May 22 01:19:23 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 22 01:11:00 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.073	152	62971	20.00	ng	0.00
21) Naphthalene-d8	8.651	136	258593	20.00	ng	# 0.00
38) Acenaphthene-d10	10.822	164	123069	20.00	ng	0.00
63) Phenanthrene-d10	12.651	188	244797	20.00	ng	0.00
75) Chrysene-d12	15.966	240	256831	20.00	ng	0.00
86) Perylene-d12	17.806	264	264568	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.347	112	439207m	120.06	ng	0.00
7) Phenol-d6	6.650	99	587286	121.45	ng	0.00
23) Nitrobenzene-d5	7.770	82	322241	71.62	ng	0.00
41) 2,4,6-Tribromophenol	11.794	330	161414	121.24	ng	-0.01
44) 2-Fluorobiphenyl	9.999	172	677307	76.67	ng	0.00
78) Terphenyl-d14	14.651	244	775998	72.34	ng	0.00

Target Compounds Qvalue

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

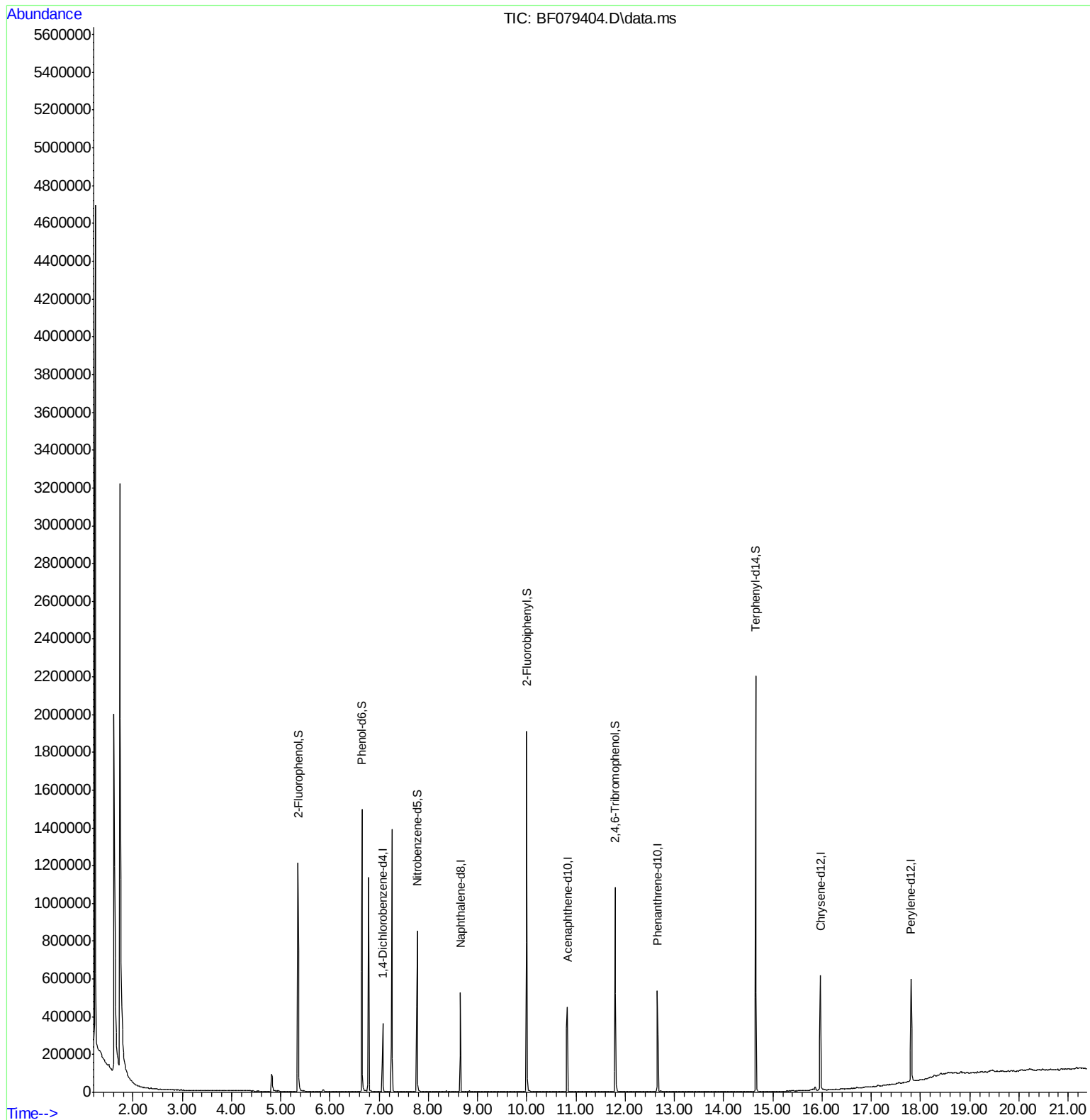
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Data File : BF079404.D
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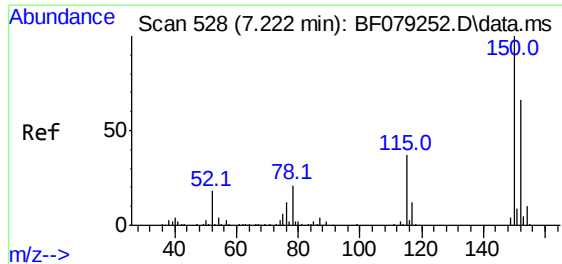
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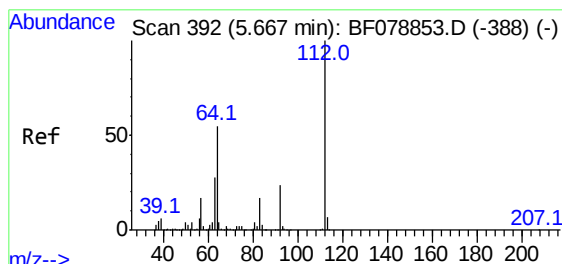
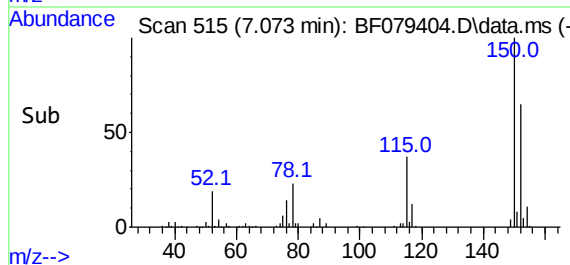
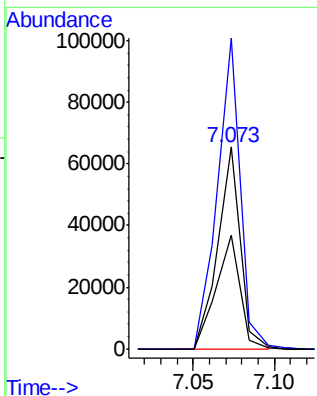
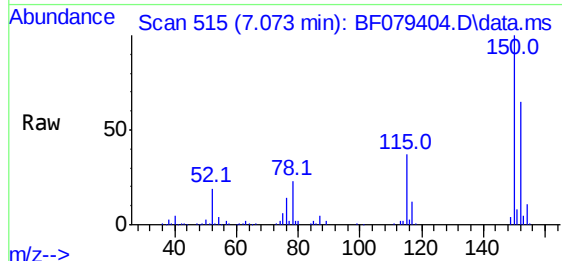
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.073 min Scan# 515
Delta R.T. 0.000 min
Lab File: BF079404.D
Acq: 21 May 2015 15:46

Instrument :
BNA_F
ClientSampleId :
PB83521BL

Tgt Ion:152 Resp: 62971
Ion Ratio Lower Upper
152 100
150 154.0 123.8 185.8
115 56.4 49.4 74.0

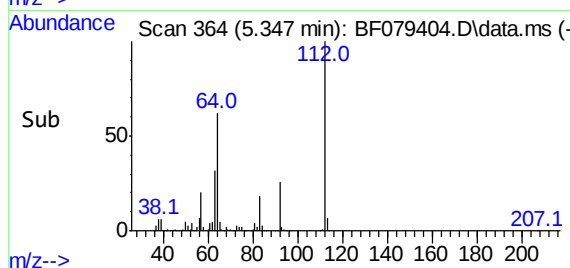
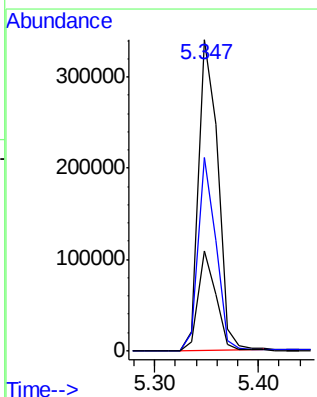
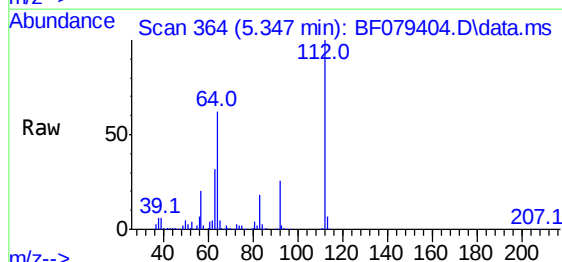
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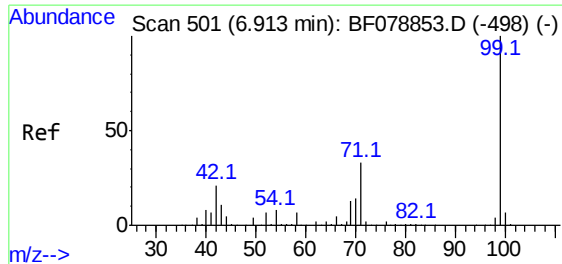
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#5
2-Fluorophenol
Concen: 120.06 ng m
RT: 5.347 min Scan# 364
Delta R.T. 0.000 min
Lab File: BF079404.D
Acq: 21 May 2015 15:46

Tgt Ion:112 Resp: 439207
Ion Ratio Lower Upper
112 100
64 62.2 44.2 66.2
63 32.0 22.7 34.1





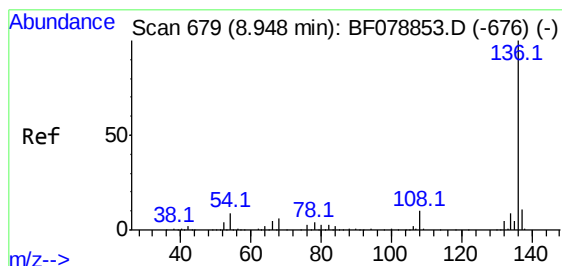
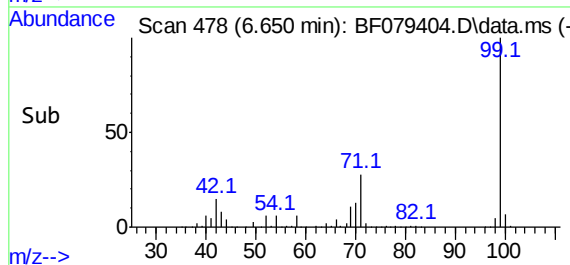
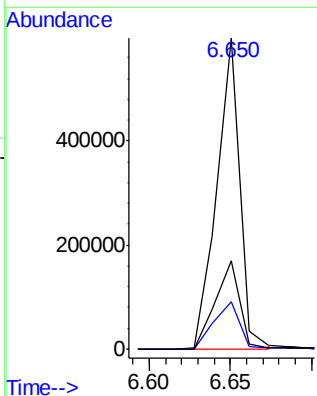
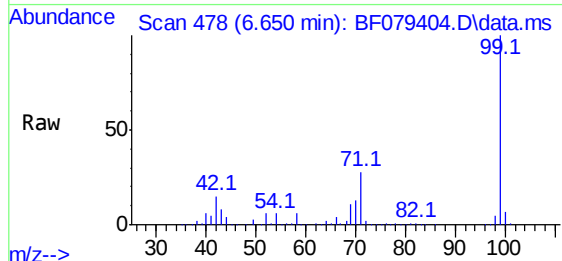
#7
Phenol-d6
Concen: 121.45 ng
RT: 6.650 min Scan# 478
Delta R.T. 0.000 min
Lab File: BF079404.D
Acq: 21 May 2015 15:46

Instrument :
BNA_F
ClientSampleId :
PB83521BL

Tgt Ion: 99 Resp: 587286
Ion Ratio Lower Upper
99 100
42 15.0 17.1 25.7#
71 28.2 26.3 39.5

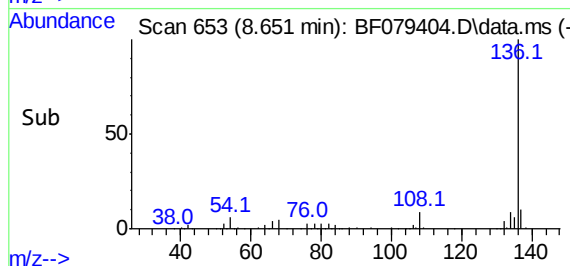
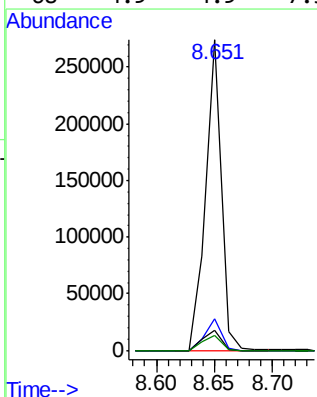
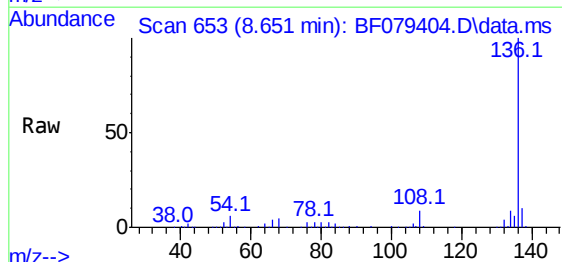
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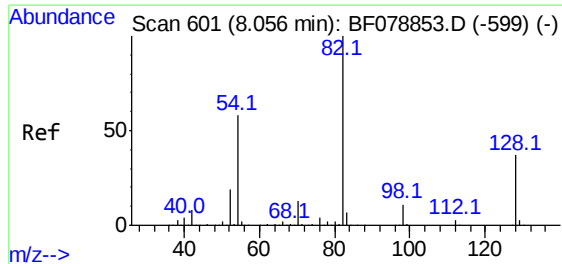
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.651 min Scan# 653
Delta R.T. 0.000 min
Lab File: BF079404.D
Acq: 21 May 2015 15:46

Tgt Ion: 136 Resp: 258593
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 6.4 6.9 10.3#
68 4.9 4.9 7.3#





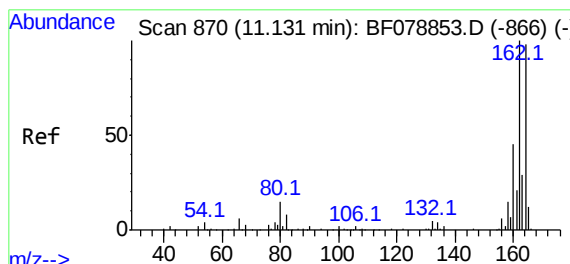
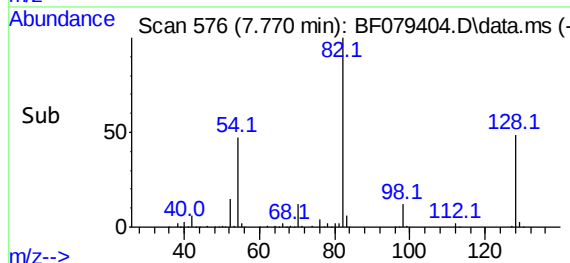
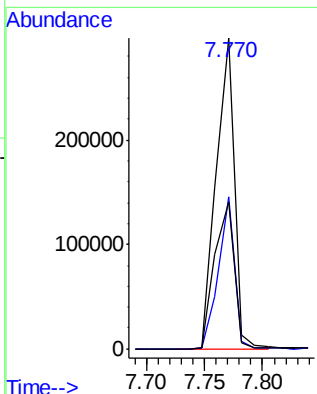
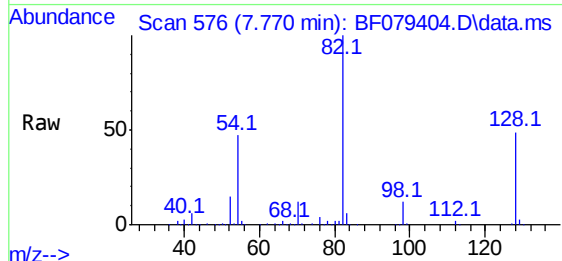
#23
Nitrobenzene-d5
Concen: 71.62 ng
RT: 7.770 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF079404.D
Acq: 21 May 2015 15:46

Tgt Ion: 82 Resp: 322241
Ion Ratio Lower Upper
82 100
128 48.8 29.7 44.5#
54 47.4 46.2 69.4

Instrument :
BNA_F
ClientSampleId :
PB83521BL

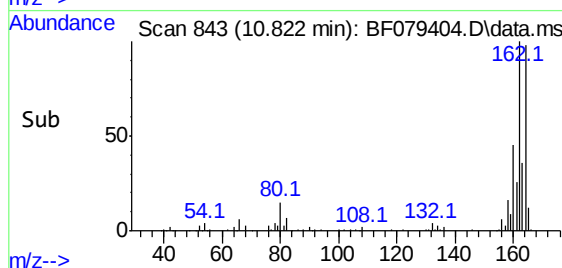
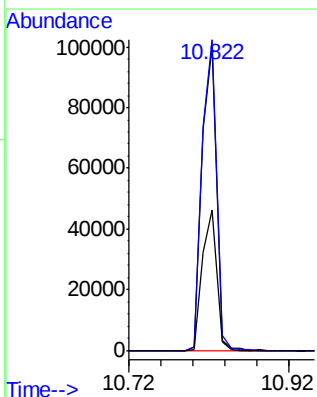
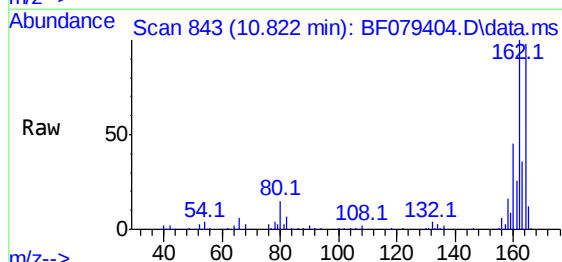
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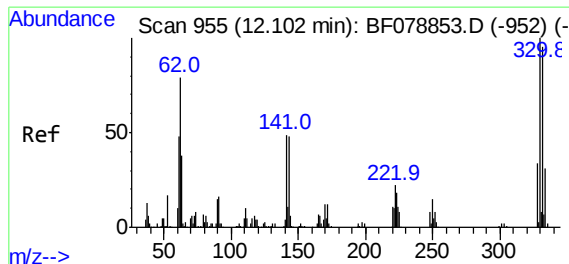
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.822 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF079404.D
Acq: 21 May 2015 15:46

Tgt Ion:164 Resp: 123069
Ion Ratio Lower Upper
164 100
162 102.0 81.4 122.0
160 46.1 36.6 54.8





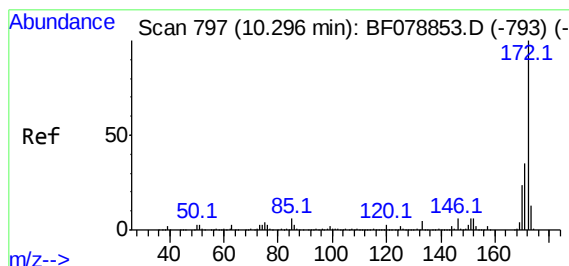
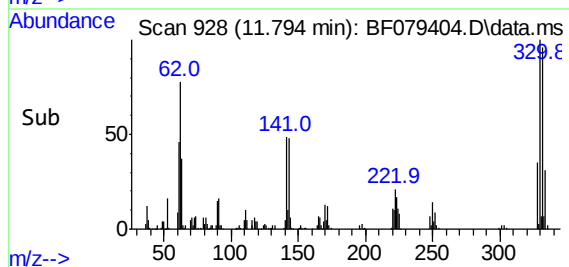
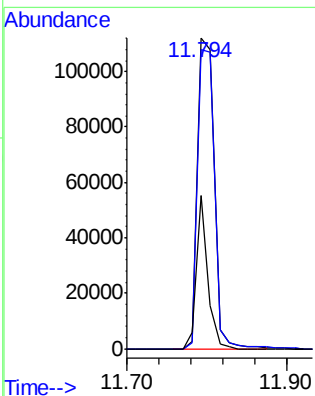
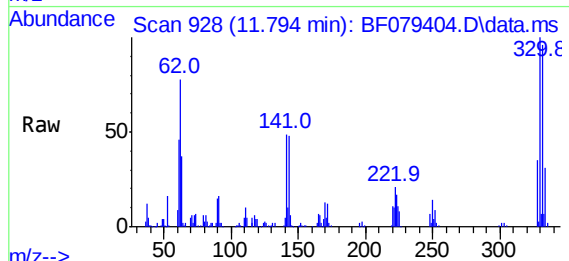
#41
2,4,6-Tribromophenol
Concen: 121.24 ng
RT: 11.794 min Scan# 928
Delta R.T. -0.011 min
Lab File: BF079404.D
Acq: 21 May 2015 15:46

Instrument :
BNA_F
ClientSampleId :
PB83521BL

Tgt Ion:330 Resp: 161414
Ion Ratio Lower Upper
330 100
332 97.3 76.9 115.3
141 33.5 27.8 41.8

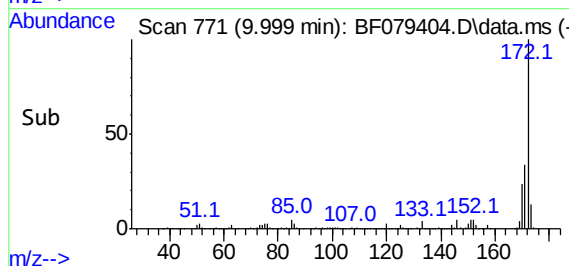
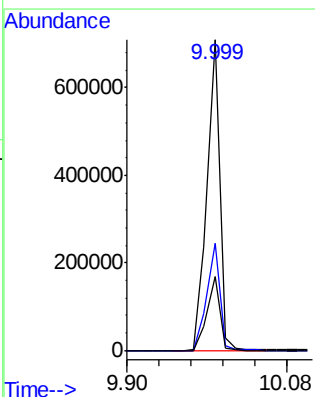
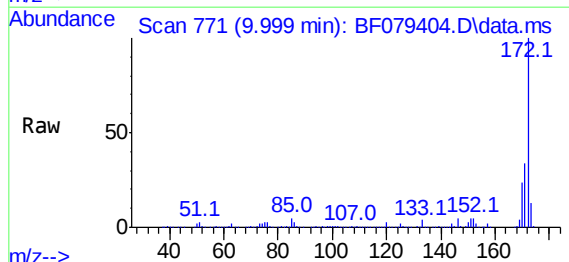
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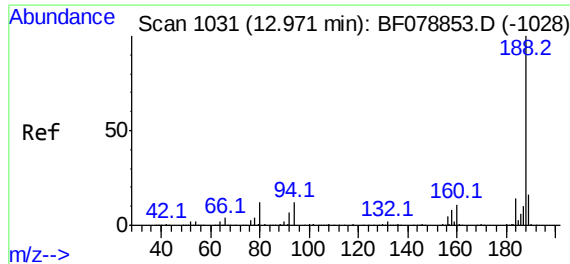
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#44
2-Fluorobiphenyl
Concen: 76.67 ng
RT: 9.999 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF079404.D
Acq: 21 May 2015 15:46

Tgt Ion:172 Resp: 677307
Ion Ratio Lower Upper
172 100
171 34.4 28.3 42.5
170 23.9 19.4 29.2



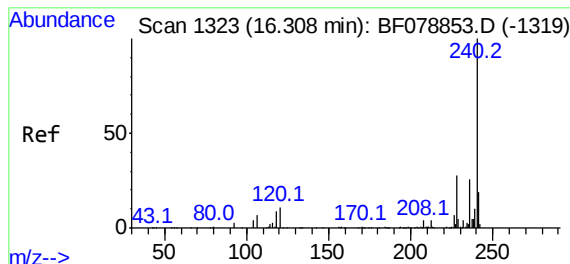
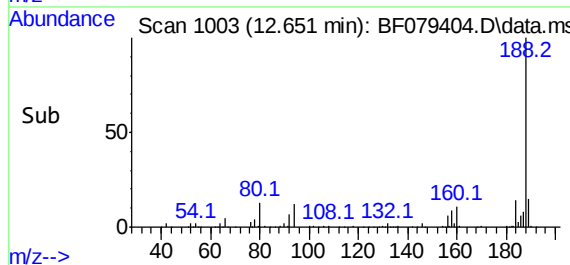
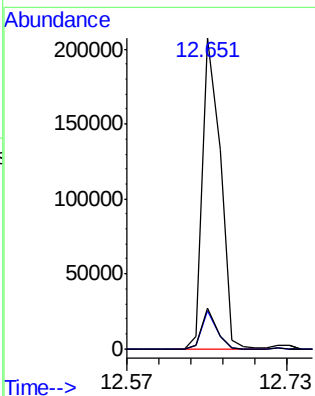
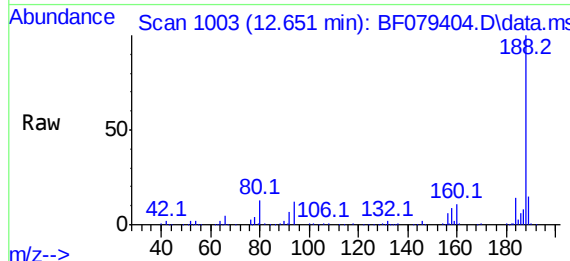


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.651 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF079404.D
Acq: 21 May 2015 15:46

Instrument :
BNA_F
ClientSampleId :
PB83521BL

Tgt Ion:188 Resp: 244797

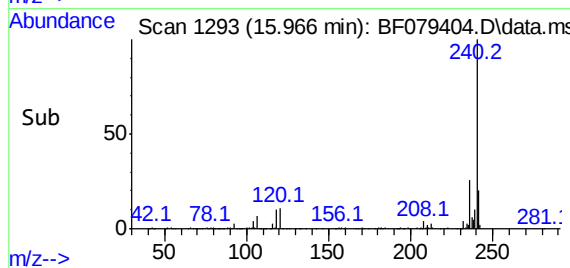
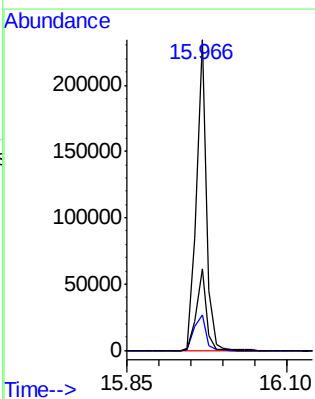
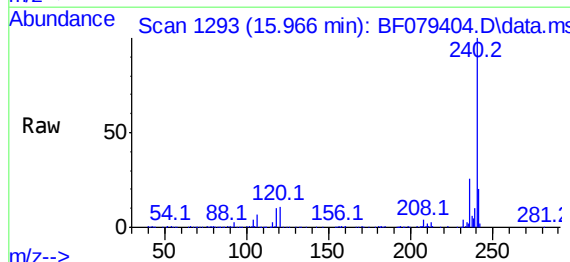
Ion	Ratio	Lower	Upper
188	100		
94	12.4	9.4	14.0
80	13.2	9.8	14.6

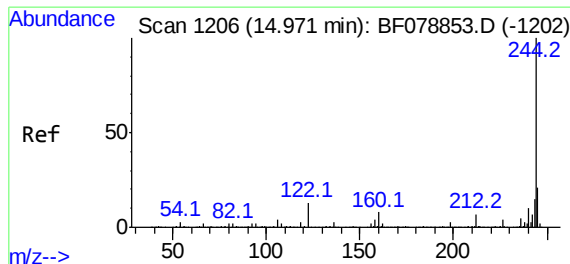


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.966 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF079404.D
Acq: 21 May 2015 15:46

Tgt Ion:240 Resp: 256831

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.6	12.8
236	26.2	21.0	31.6



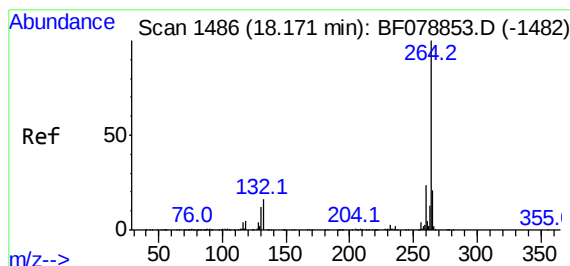
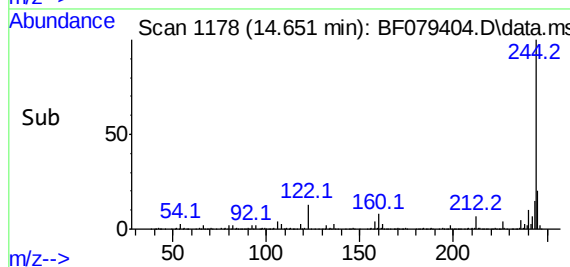
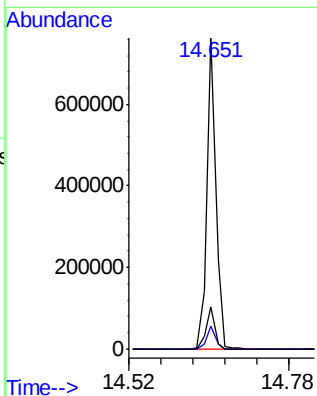
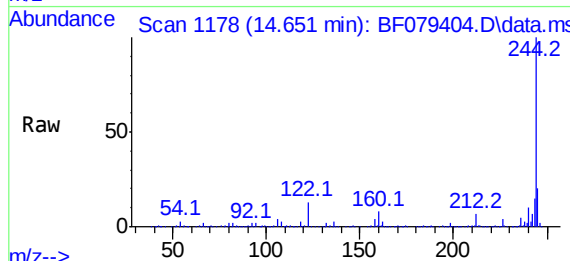


#78
 Terphenyl-d14
 Concen: 72.34 ng
 RT: 14.651 min Scan# 1178
 Delta R.T. 0.000 min
 Lab File: BF079404.D
 Acq: 21 May 2015 15:46

Instrument :
 BNA_F
 ClientSampleId :
 PB83521BL

Tgt Ion: 244 Resp: 775998

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.6	8.4
122	13.4	10.5	15.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.806 min Scan# 1454
 Delta R.T. 0.012 min
 Lab File: BF079404.D
 Acq: 21 May 2015 15:46

Tgt Ion: 264 Resp: 264568

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.7	17.2	25.8

