

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
 Data File : BF078880.D
 Acq On : 1 May 2015 6:49
 Operator : TP/IZ
 Sample : G2032-07 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B4(0-2)

Manual Integrations
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 5/1/2015 4:44:57 PM

Quant Time: May 01 07:37:16 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 07:00:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	73608	20.00	ng	0.00
21) Naphthalene-d8	8.95	136	309826	20.00	ng	0.00
38) Acenaphthene-d10	11.13	164	146971	20.00	ng	0.00
63) Phenanthrene-d10	12.97	188	285696	20.00	ng	0.00
75) Chrysene-d12	16.27	240	322388	20.00	ng	0.00
86) Perylene-d12	18.03	264	345828	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	72994	17.07	ng	0.00
7) Phenol-d6	6.91	99	99603	17.62	ng	0.00
23) Nitrobenzene-d5	8.06	82	53272	9.88	ng	0.00
41) 2,4,6-Tribromophenol	12.10	330	23532	14.80	ng	0.00
44) 2-Fluorobiphenyl	10.30	172	117793	11.17	ng	0.00
78) Terphenyl-d14	14.97	244	140432	10.43	ng	0.00
Target Compounds						
74) Fluoranthene	14.48	202	35843	2.15	ng	Qvalue 99

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

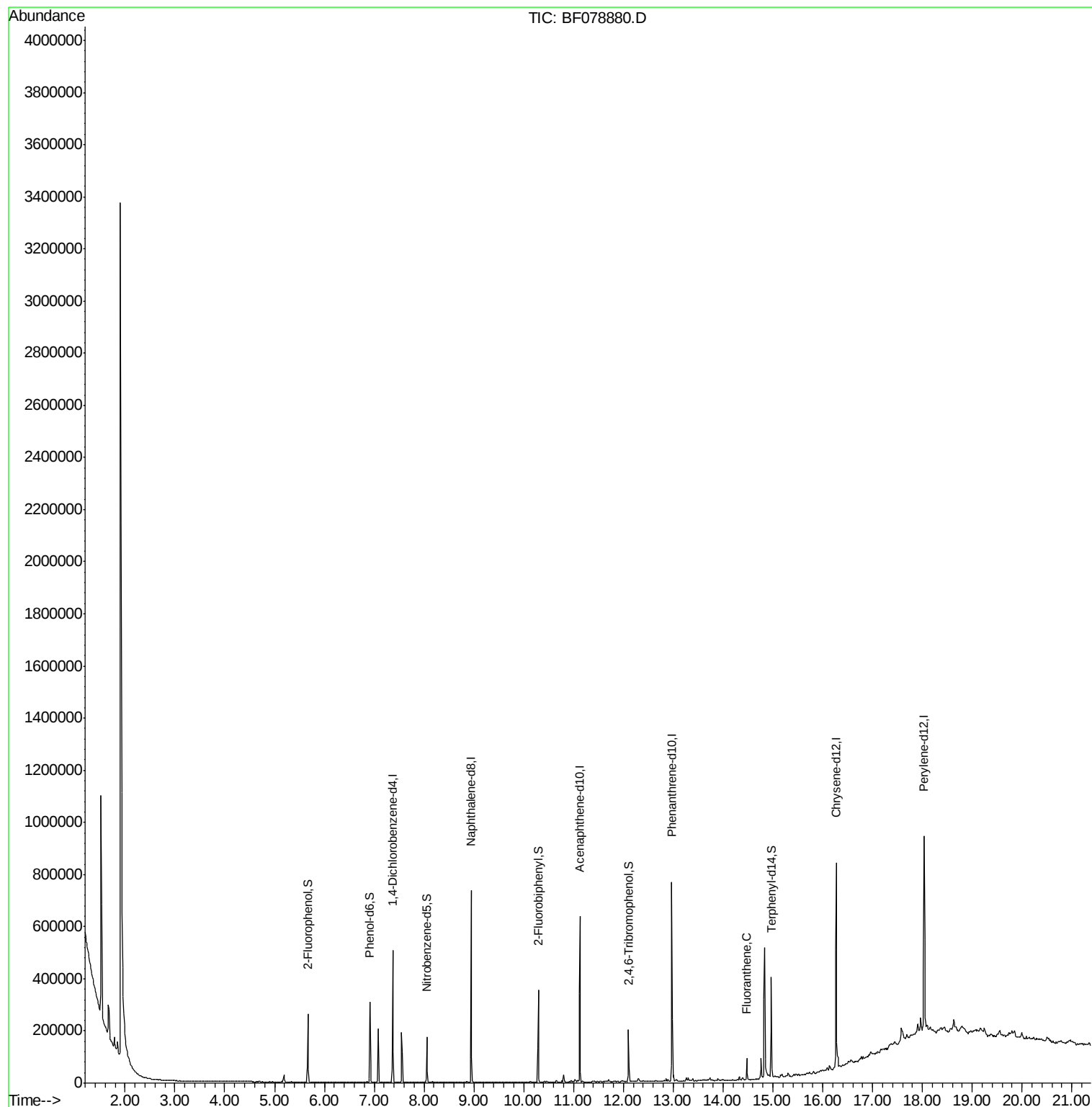
Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
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#1

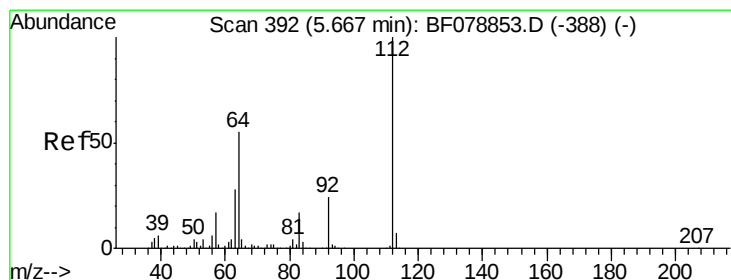
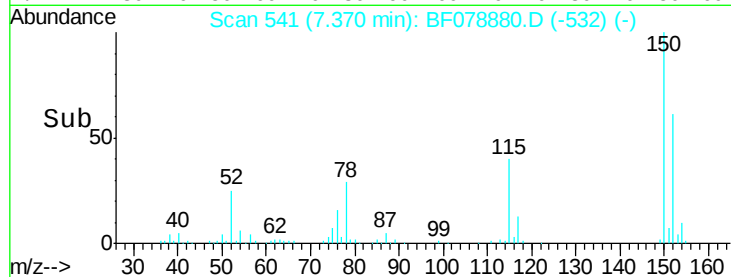
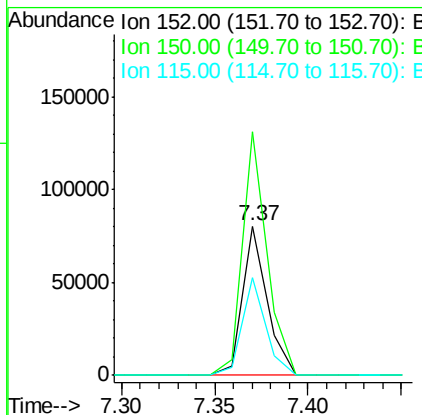
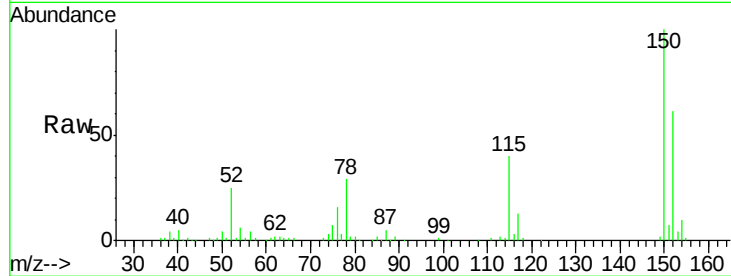
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF078880.D
Acq: 1 May 2015 6:49

Instrument :
BNA_F
ClientSampleId :
B4(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.3	122.0	183.0
115	65.5	46.3	69.5

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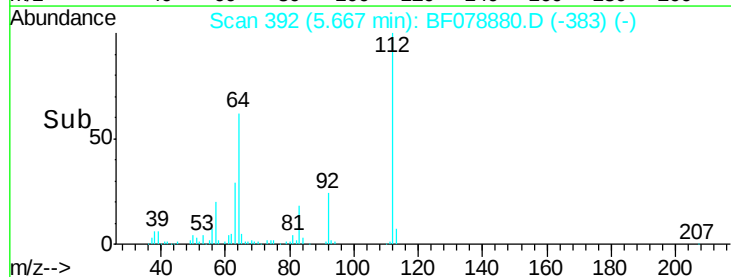
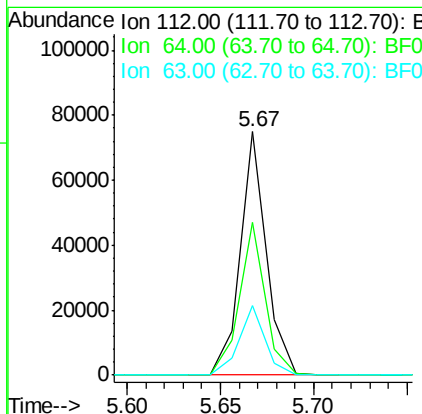
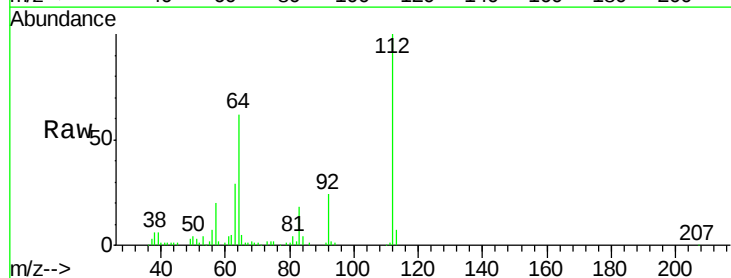
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#5

2-Fluorophenol
Concen: 17.07 ng
RT: 5.67 min Scan# 392
Delta R.T. -0.00 min
Lab File: BF078880.D
Acq: 1 May 2015 6:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.5	53.5	80.3
63	28.5	27.5	41.3





#7

Phenol-d6

Concen: 17.62 ng

RT: 6.91 min Scan# 501

Delta R.T. -0.00 min

Lab File: BF078880.D

Acq: 1 May 2015 6:49

Instrument :

BNA_F

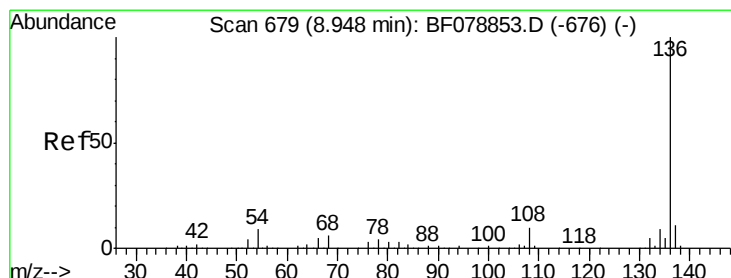
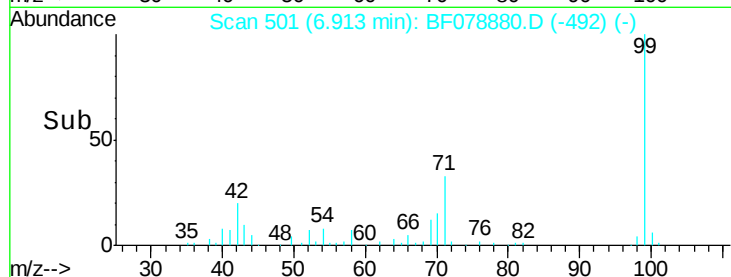
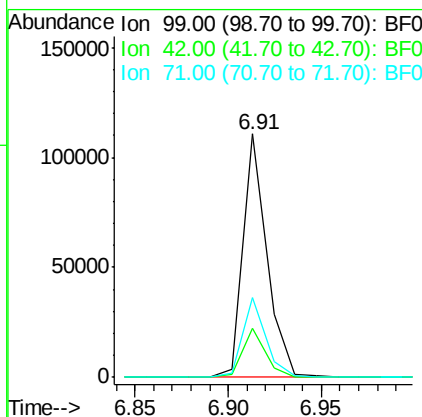
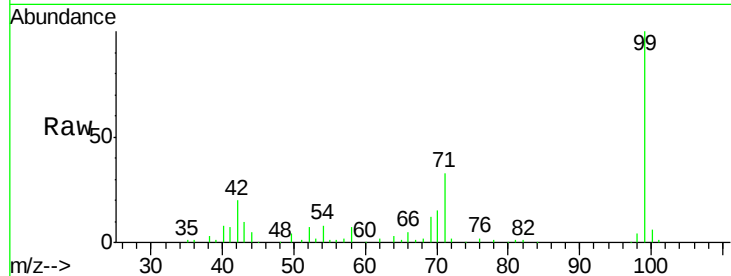
ClientSampled :

B4(0-2)

Tot Ion:	99	Resp:	99603
Ion Ratio	Lower	Upper	
99	100		
42	19.9	12.8	19.2#
71	32.6	23.4	35.2

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#21

Naphthalene-d8

Concen: 20.00 ng

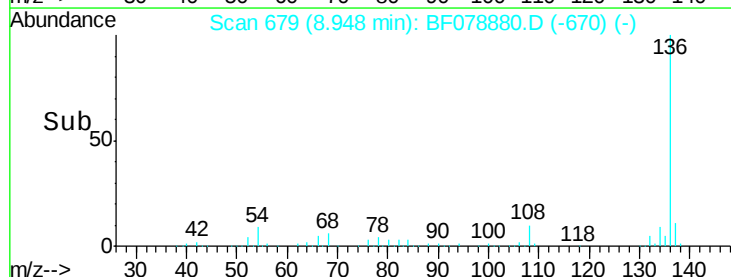
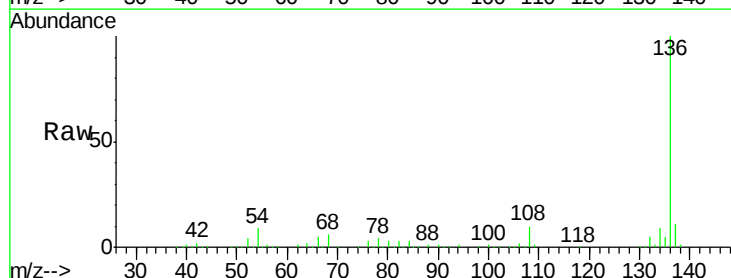
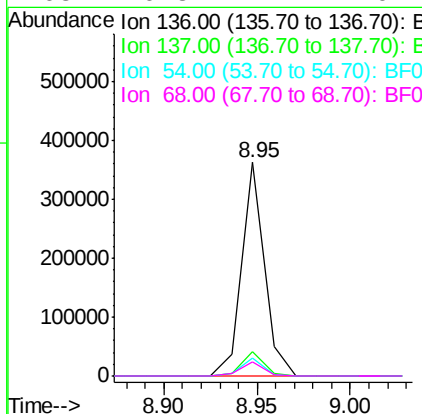
RT: 8.95 min Scan# 679

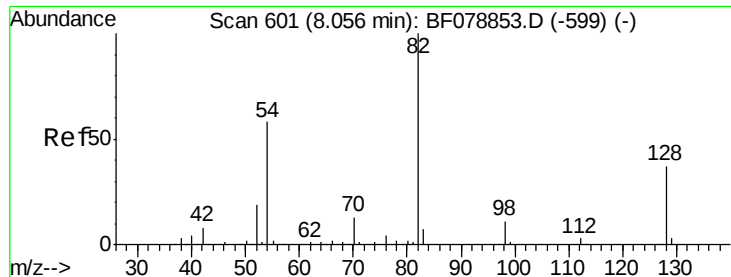
Delta R.T. -0.00 min

Lab File: BF078880.D

Acq: 1 May 2015 6:49

Tgt Ion:	136	Resp:	309826
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.7	13.1
54	8.6	5.8	8.8
68	6.3	4.2	6.4





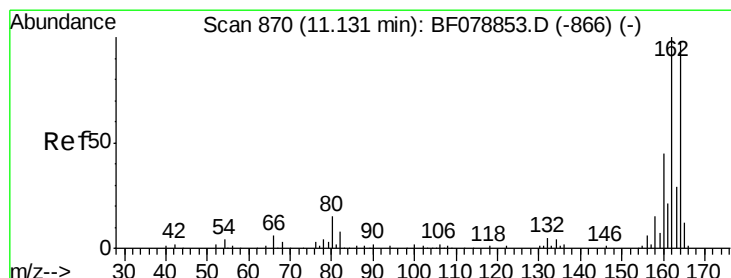
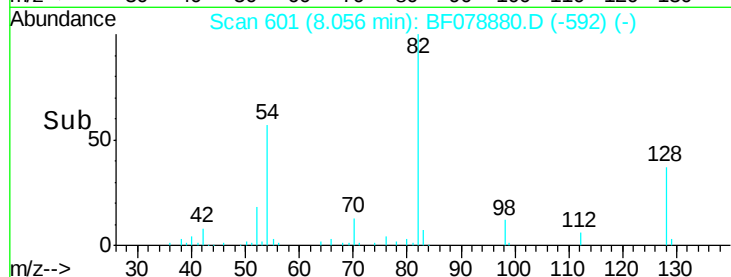
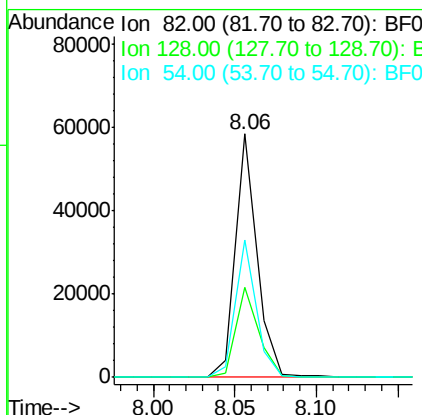
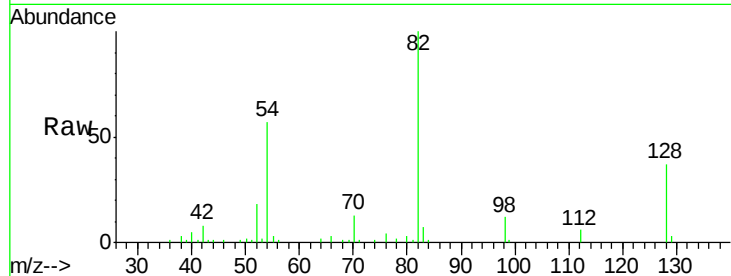
#23
Nitrobenzene-d5
Concen: 9.88 ng
RT: 8.06 min Scan# 601
Delta R.T. -0.00 min
Lab File: BF078880.D
Acq: 1 May 2015 6:49

Instrument :
BNA_F
ClientSampleId :
B4(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
82	100	53272		
128	37.0		30.0	45.0
54	56.6		46.4	69.6

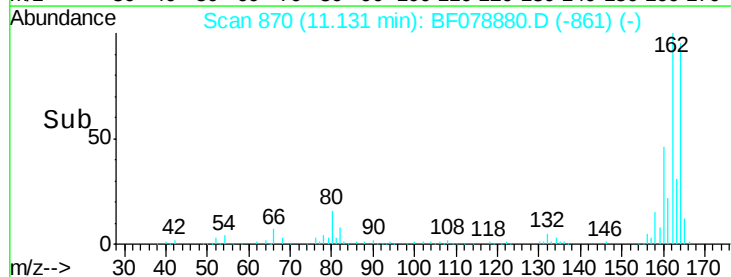
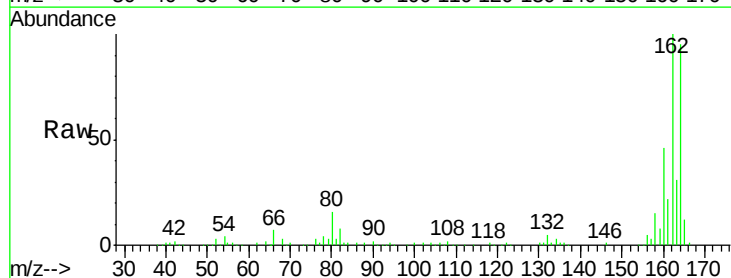
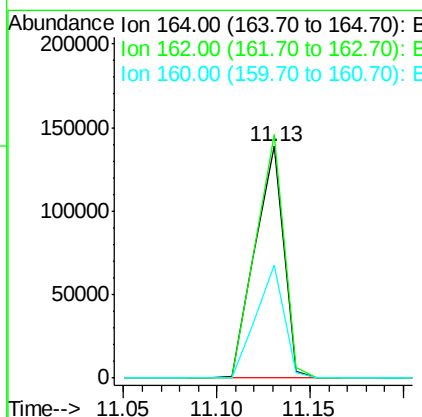
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF078880.D
Acq: 1 May 2015 6:49

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	146971		
162	104.9		82.7	124.1
160	48.7		35.8	53.8





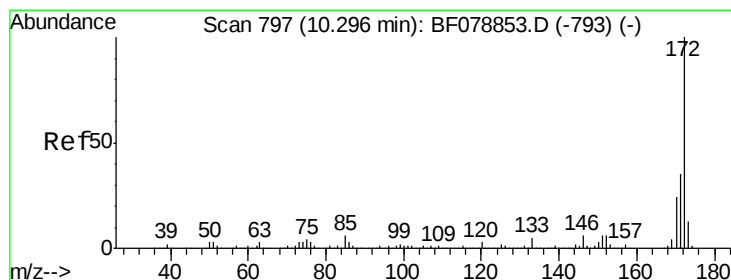
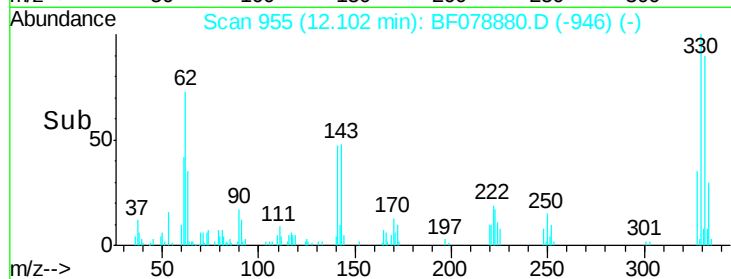
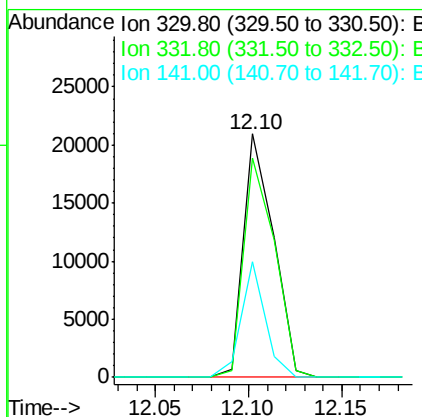
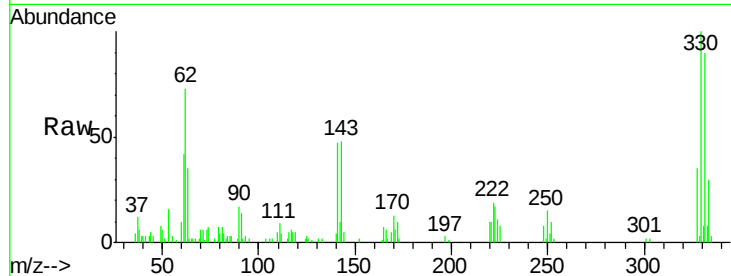
#41
 2,4,6-Tribromophenol
 Concen: 14.80 ng
 RT: 12.10 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: BF078880.D
 Acq: 1 May 2015 6:49

Instrument :
 BNA_F
 ClientSampleId :
 B4(0-2)

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	92.9	0.0	0.0#
141	38.2	0.0	0.0#

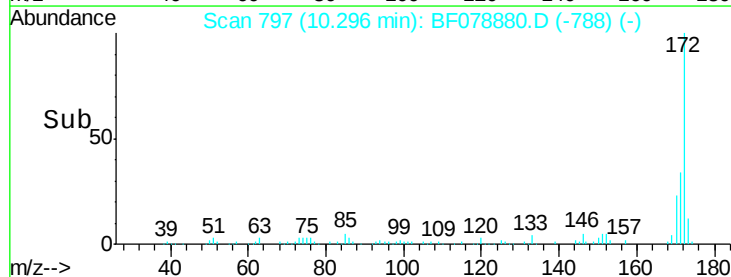
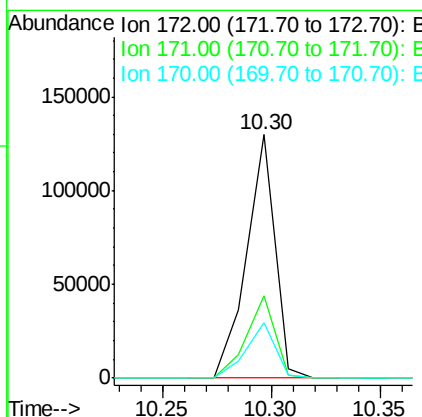
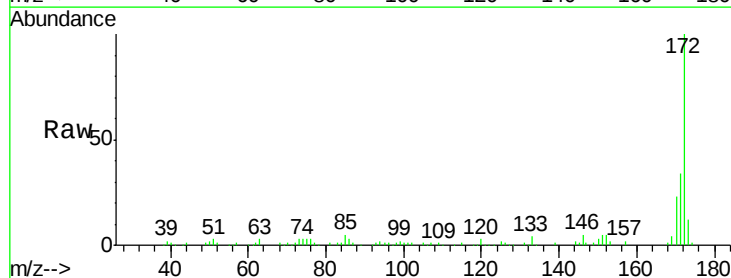
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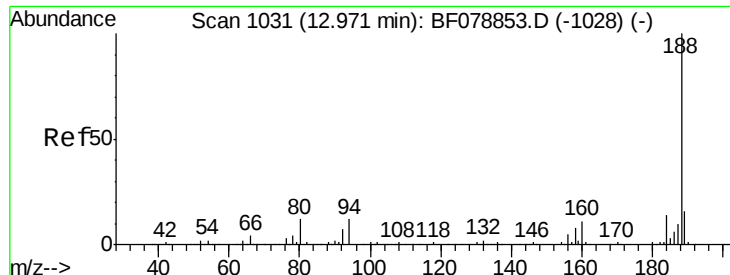
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#44
 2-Fluorobiphenyl
 Concen: 11.17 ng
 RT: 10.30 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF078880.D
 Acq: 1 May 2015 6:49

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	34.0	27.9	41.9
170	22.9	19.4	29.0





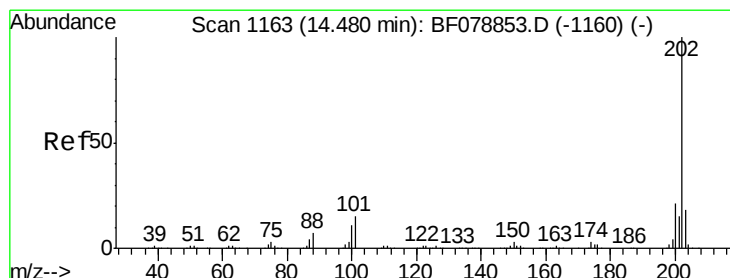
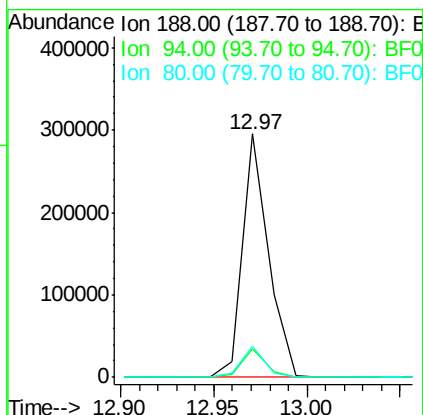
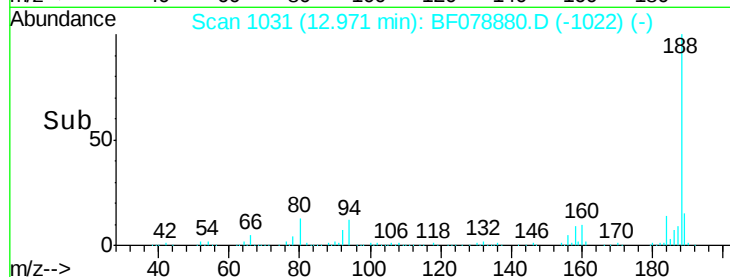
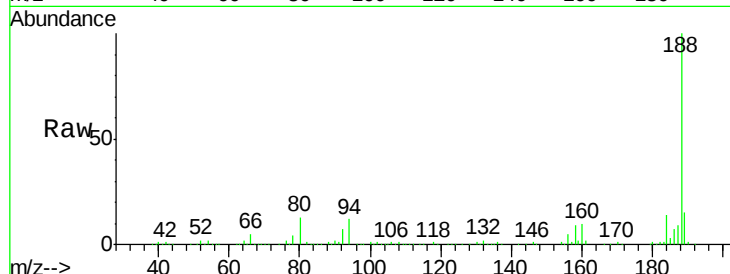
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.97 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF078880.D
Acq: 1 May 2015 6:49

Instrument :
BNA_F
ClientSampleId :
B4(0-2)

Tot Ion	188	Resp:	285696
Ion Ratio	Lower	Upper	
188	100		
94	11.7	8.2	12.2
80	12.9	8.9	13.3

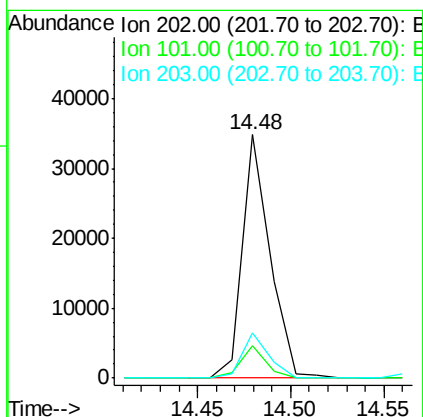
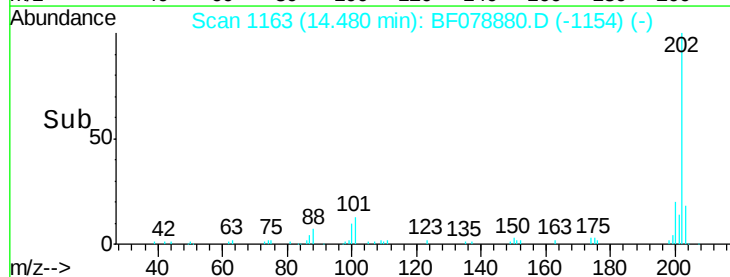
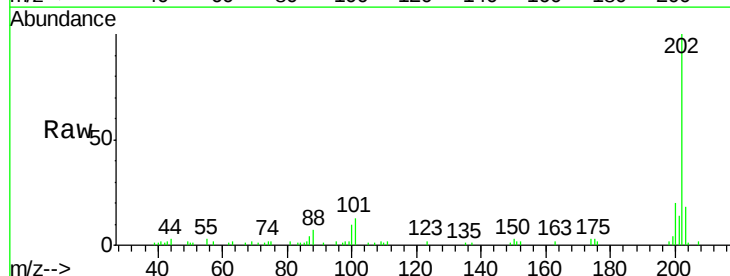
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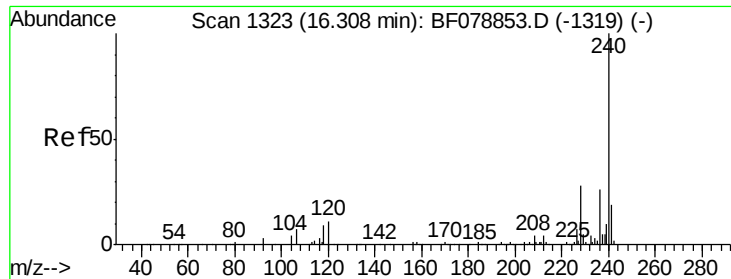
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#74
Fluoranthene
Concen: 2.15 ng
RT: 14.48 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF078880.D
Acq: 1 May 2015 6:49

Tgt Ion	202	Resp:	35843
Ion Ratio	Lower	Upper	
202	100		
101	13.4	0.0	34.6
203	18.4	0.0	38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.27 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF078880.D

Acq: 1 May 2015 6:49

Instrument :

BNA_F

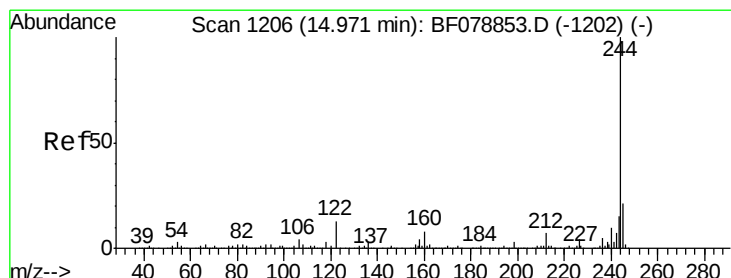
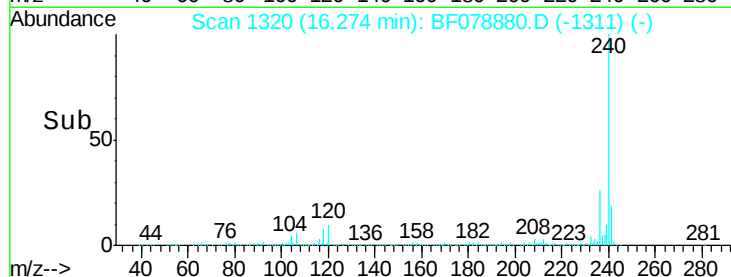
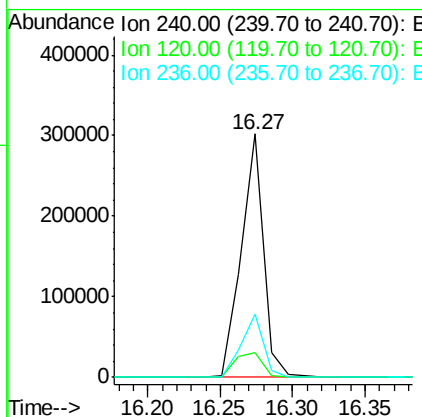
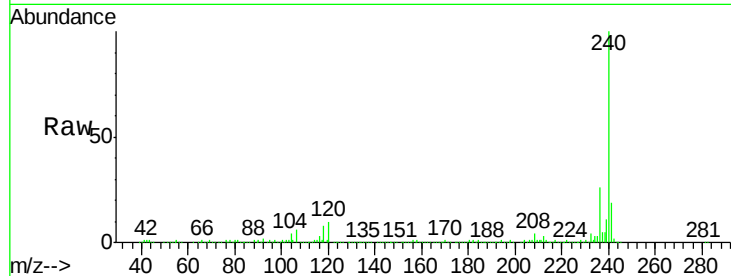
ClientSampled :

B4(0-2)

Tot Ion:	240	Resp:	322388
Ion Ratio	Lower	Upper	
240	100		
120	10.0	9.7	14.5
236	25.8	20.2	30.4

Manual Integrations
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#78

Terphenyl-d14

Concen: 10.43 ng

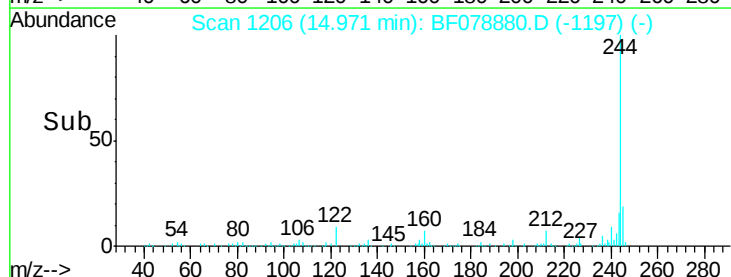
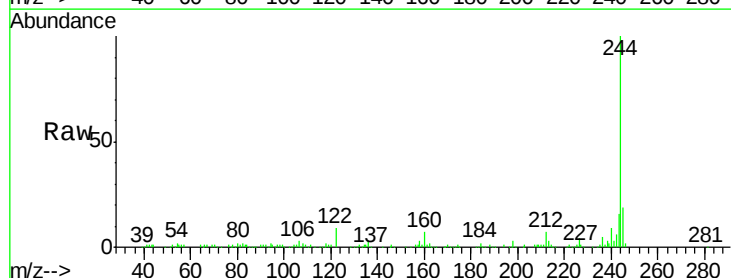
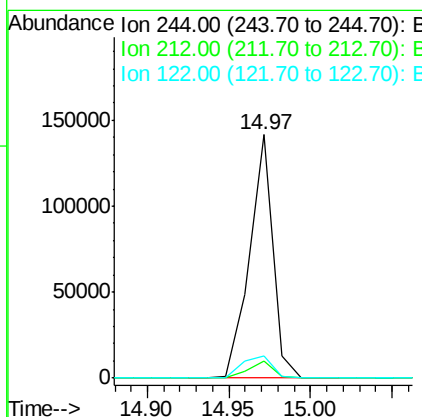
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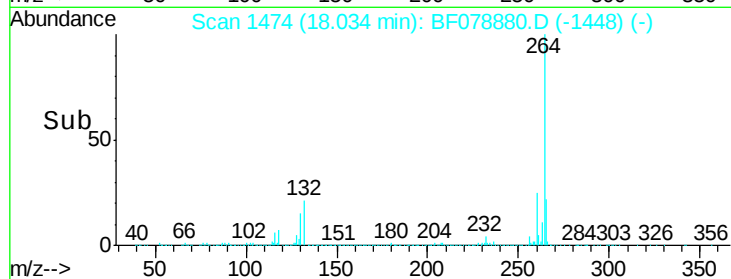
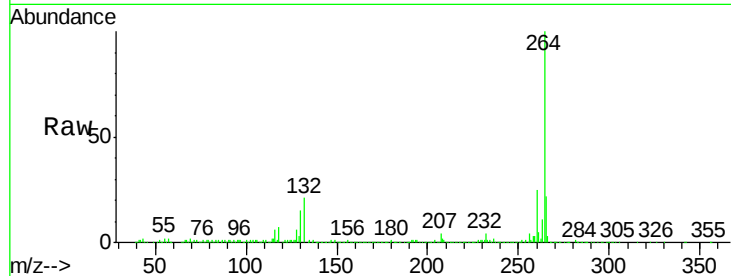
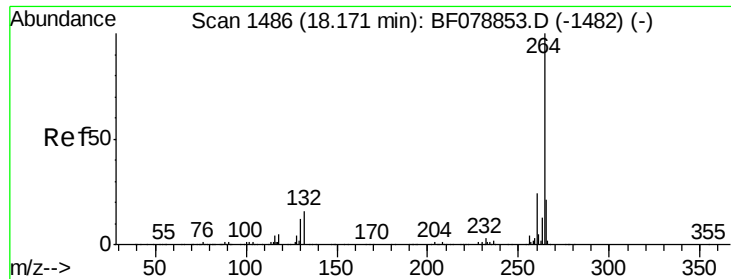
Delta R.T. -0.00 min

Lab File: BF078880.D

Acq: 1 May 2015 6:49

Tgt Ion:	244	Resp:	140432
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.6	8.4
122	9.1	10.3	15.5#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 18.03 min Scan# 1474
 Delta R.T. -0.00 min
 Lab File: BF078880.D
 Acq: 1 May 2015 6:49

Instrument :
 BNA_F
 ClientSampleId :
 B4(0-2)

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	24.8	19.4	29.2
265	22.2	18.3	27.5

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