

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042115\
 Data File : BF078698.D
 Acq On : 21 Apr 2015 22:40
 Operator : TP/IZ
 Sample : G1938-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-68AS

Manual Integrations
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Quant Time: Apr 22 03:48:05 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 00:52:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.82	152	34586	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	146460	20.00	ng	-0.01
38) Acenaphthene-d10	11.16	164	76090	20.00	ng	-0.01
63) Phenanthrene-d10	13.90	188	146648	20.00	ng	-0.01
75) Chrysene-d12	17.77	240	168258	20.00	ng	-0.01
86) Perylene-d12	19.46	264	161979	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	3.84	112	30043	14.32	ng	0.01
7) Phenol-d6	5.32	99	39673	15.09	ng	0.00
23) Nitrobenzene-d5	6.75	82	23033	9.53	ng	-0.01
41) 2,4,6-Tribromophenol	12.64	330	9931	15.74	ng	-0.01
44) 2-Fluorobiphenyl	9.99	172	52878	9.93	ng	-0.01
78) Terphenyl-d14	16.43	244	64749	8.70	ng	0.00
Target Compounds						
74) Fluoranthene	15.83	202	25199	2.82	ng	95
77) Pyrene	16.14	202	25136	2.38	ng	96

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

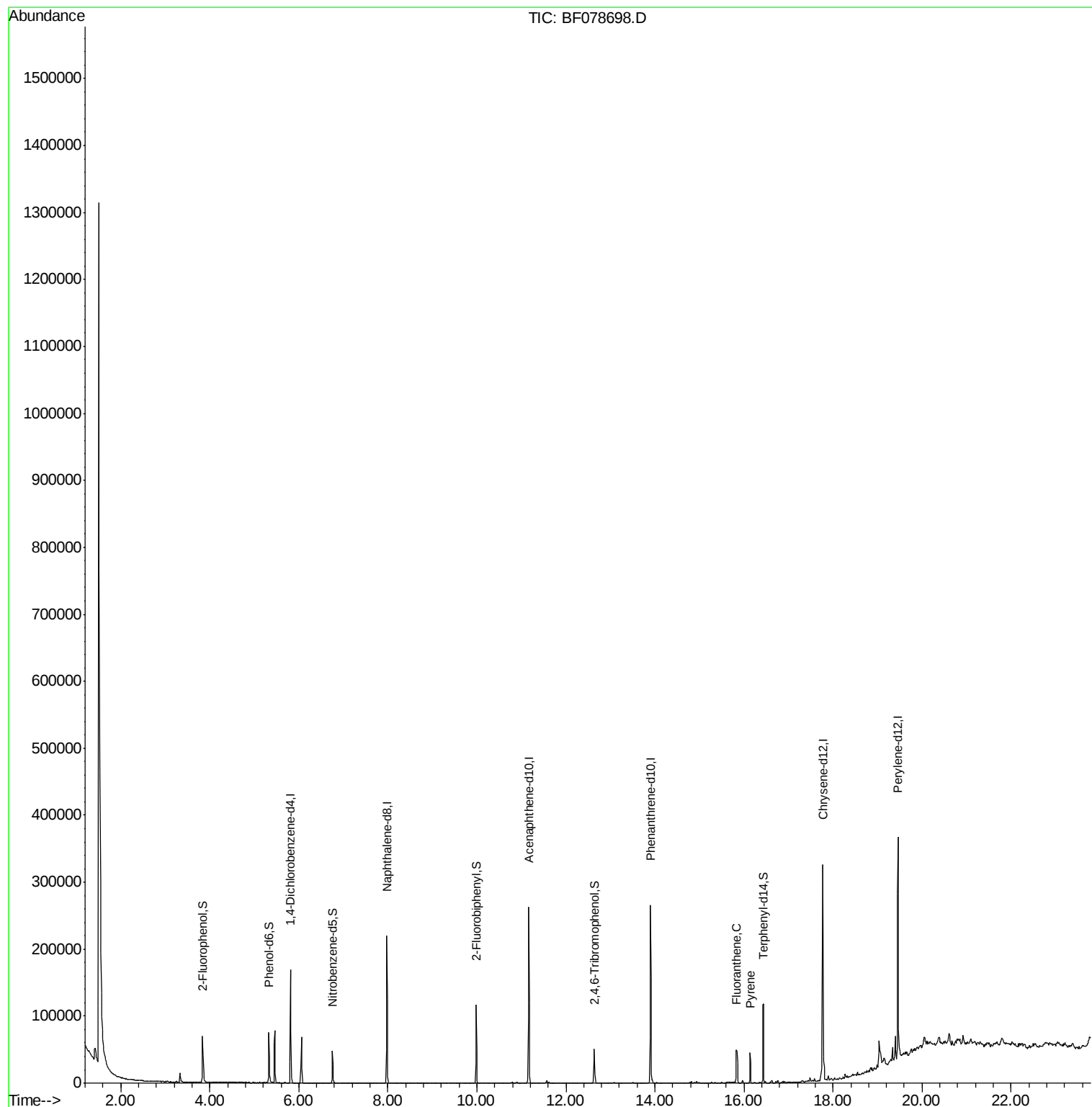
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042115\
Data File : BF078698.D
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Operator : TP/IZ
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Misc :
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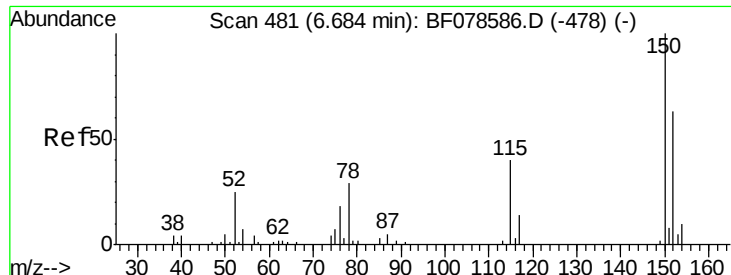
Instrument :
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Quant Time: Apr 22 03:48:05 2015
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#1

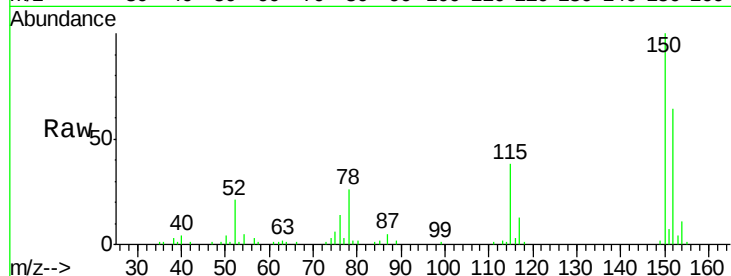
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.82 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF078698.D
Acq: 21 Apr 2015 22:40

Instrument :
BNA_F
ClientSampleId :
SB-68AS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	125.9	188.9
115	60.2	52.7	79.1

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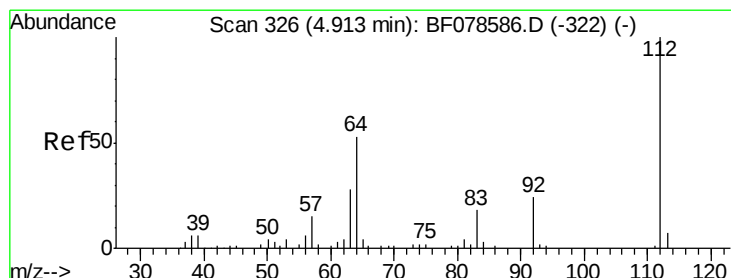
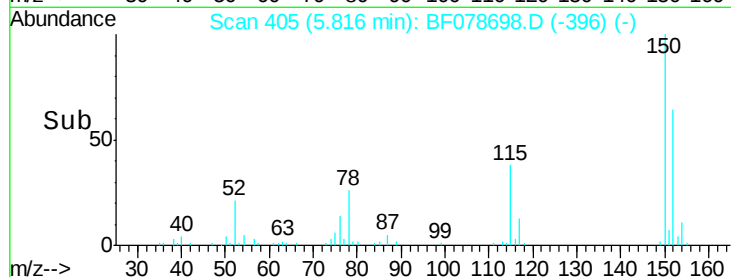
Abundance

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

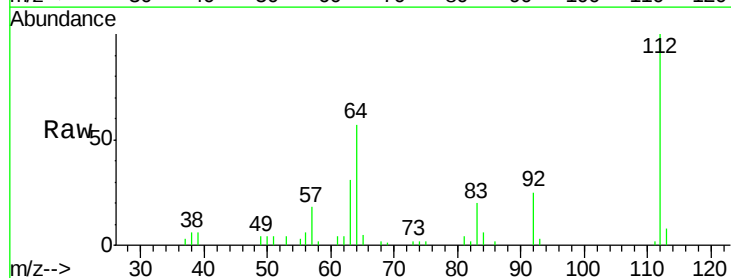
Time-->



#5

2-Fluorophenol
Concen: 14.32 ng
RT: 3.84 min Scan# 232
Delta R.T. 0.01 min
Lab File: BF078698.D
Acq: 21 Apr 2015 22:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	39.9	59.9
63	30.7	20.2	30.4



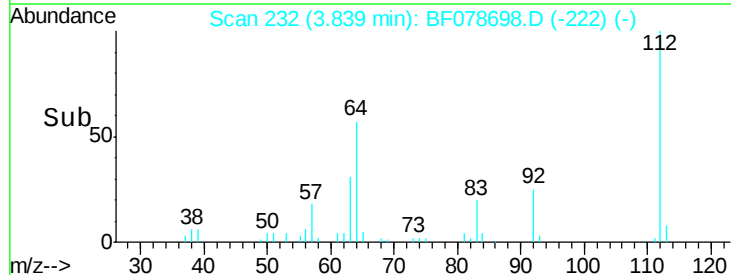
Abundance

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

Time-->





#7

Phenol-d6

Concen: 15.09 ng

RT: 5.32 min Scan# 362

Delta R.T. 0.00 min

Lab File: BF078698.D

Acq: 21 Apr 2015 22:40

Instrument :

BNA_F

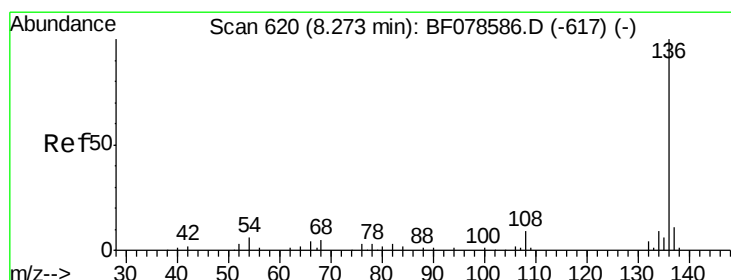
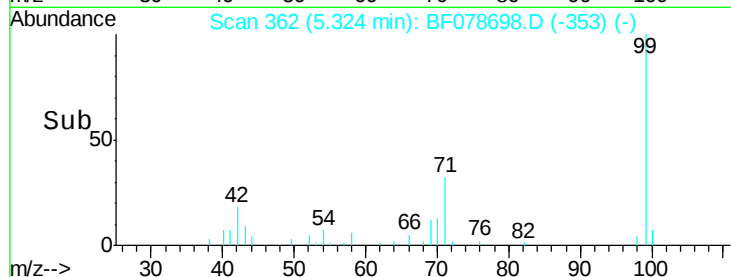
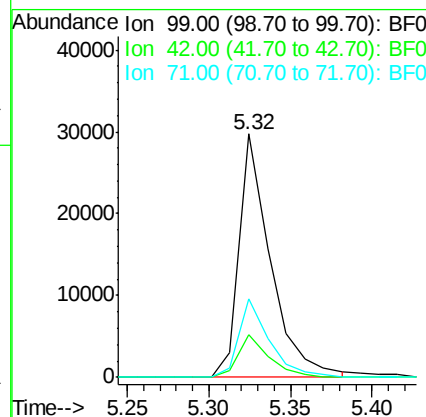
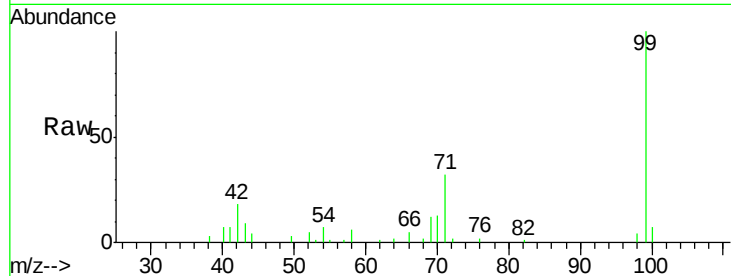
ClientSampleId :

SB-68AS

Tot Ion:	99	Resp:	39673
Ion Ratio	Lower	Upper	
99	100		
42	17.6	14.8	22.2
71	32.1	26.6	39.8

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#21

Naphthalene-d8

Concen: 20.00 ng

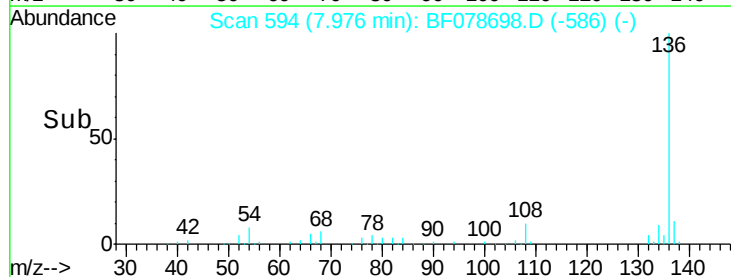
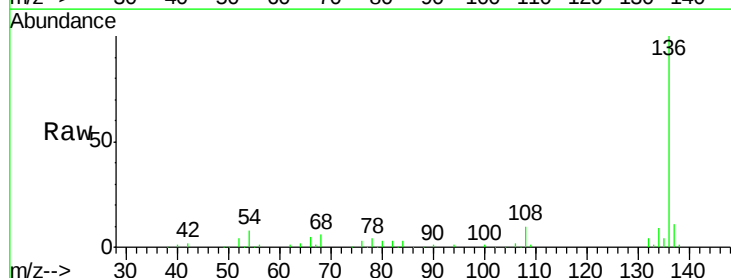
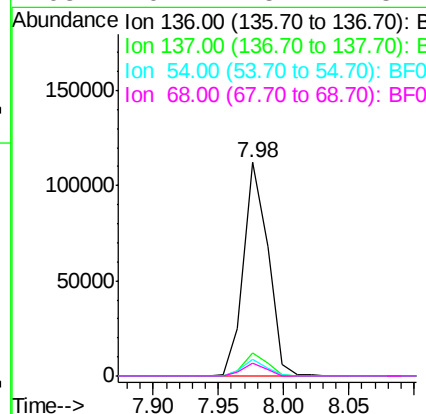
RT: 7.98 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF078698.D

Acq: 21 Apr 2015 22:40

Tgt Ion:	136	Resp:	146460
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.0	13.4
54	7.5	7.0	10.6
68	6.1	5.4	8.2





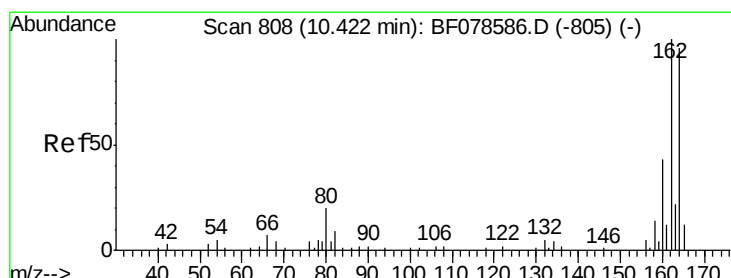
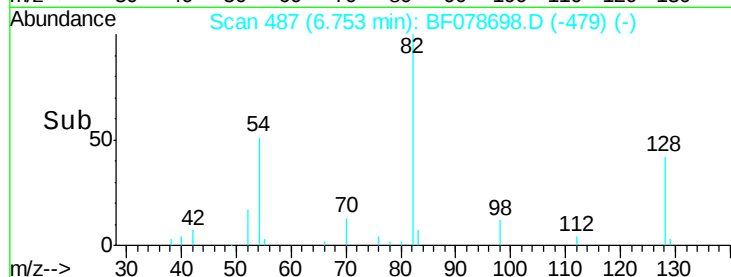
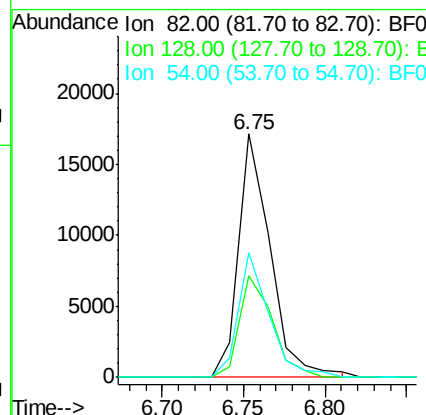
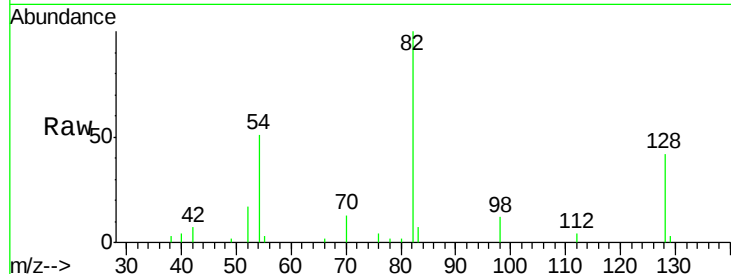
#23
 Nitrobenzene-d5
 Concen: 9.53 ng
 RT: 6.75 min Scan# 487
 Delta R.T. -0.01 min
 Lab File: BF078698.D
 Acq: 21 Apr 2015 22:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-68AS

Tot Ion:	82	Resp:	23033
Ion Ratio	Lower	Upper	
82	100		
128	41.8	31.8	47.8
54	51.0	41.5	62.3

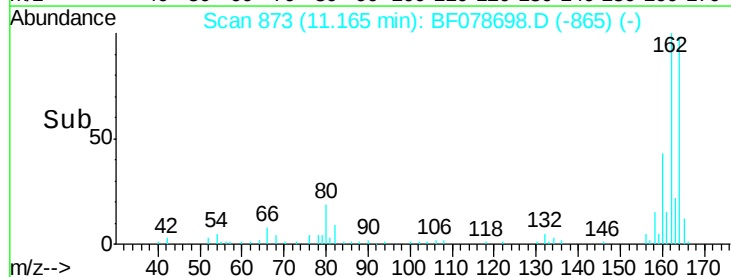
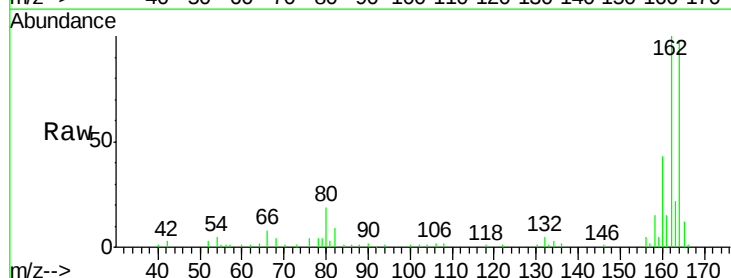
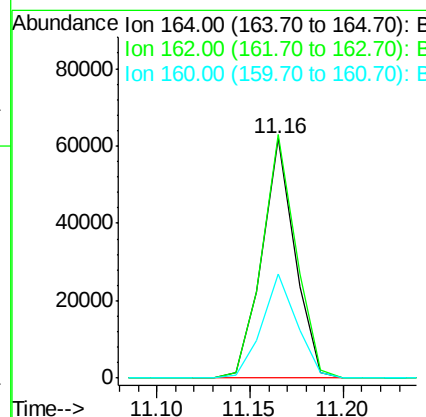
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.16 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: BF078698.D
 Acq: 21 Apr 2015 22:40

Tgt Ion:	164	Resp:	76090
Ion Ratio	Lower	Upper	
164	100		
162	101.6	82.2	123.2
160	43.6	34.7	52.1





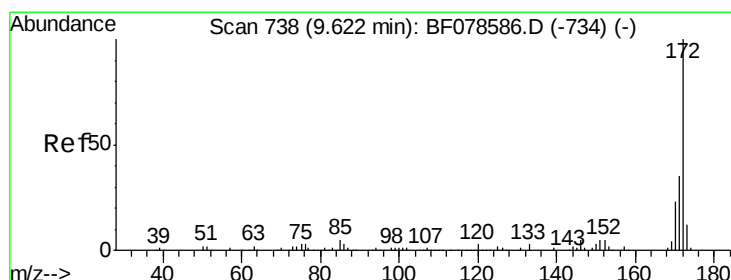
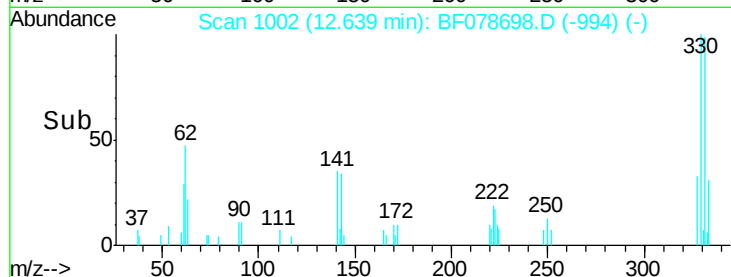
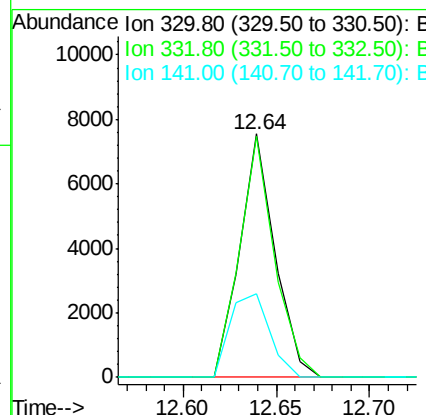
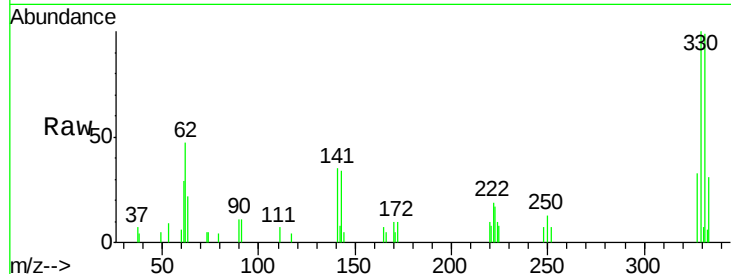
#41
 2,4,6-Tribromophenol
 Concen: 15.74 ng
 RT: 12.64 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF078698.D
 Acq: 21 Apr 2015 22:40

Instrument :
 BNA_F
 ClientSampled :
 SB-68AS

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.5	78.6	117.8
141	38.7	31.2	46.8

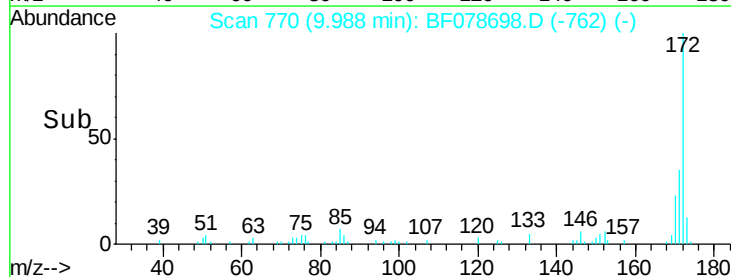
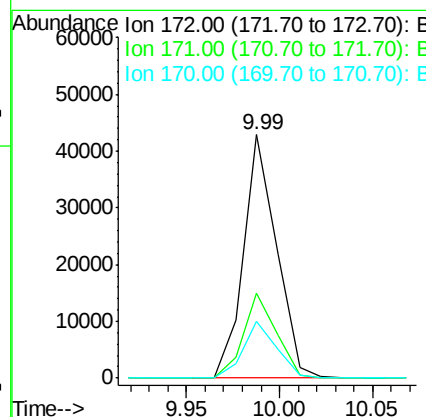
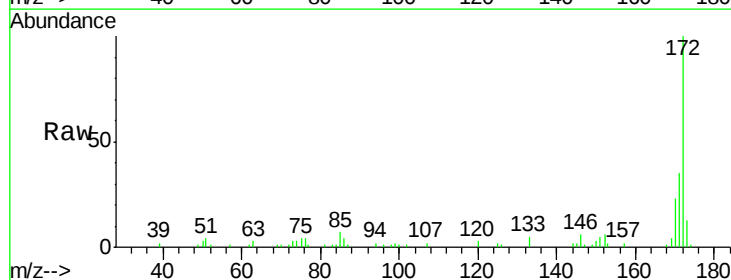
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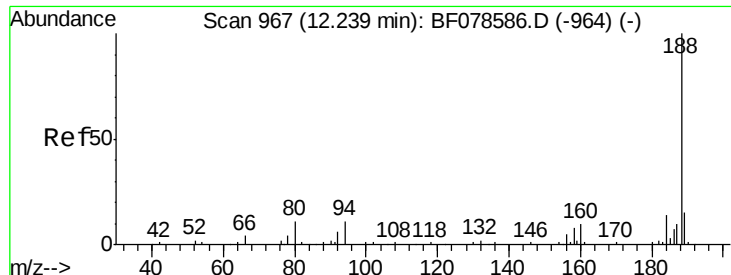
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#44
 2-Fluorobiphenyl
 Concen: 9.93 ng
 RT: 9.99 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF078698.D
 Acq: 21 Apr 2015 22:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.6	42.8
170	23.2	18.5	27.7





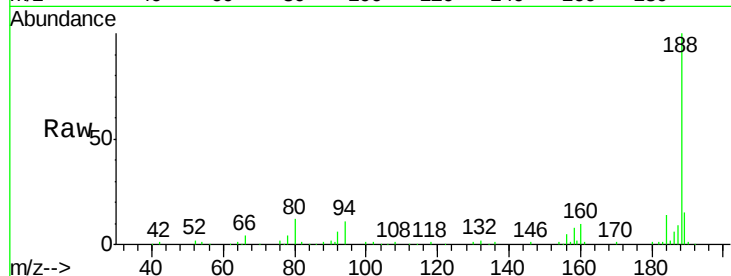
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.90 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF078698.D
Acq: 21 Apr 2015 22:40

Instrument :
BNA_F
ClientSampleId :
SB-68AS

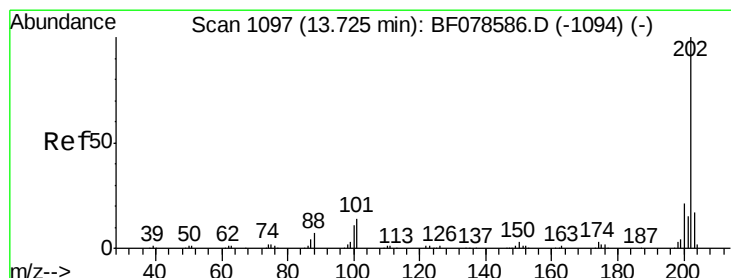
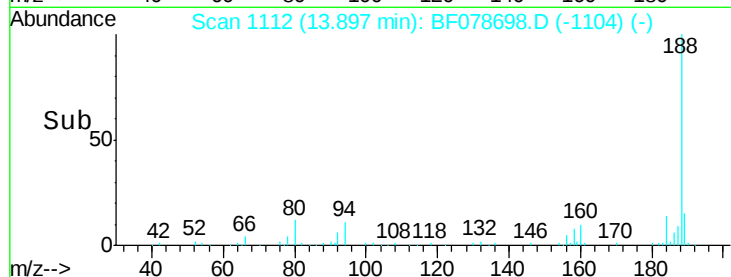
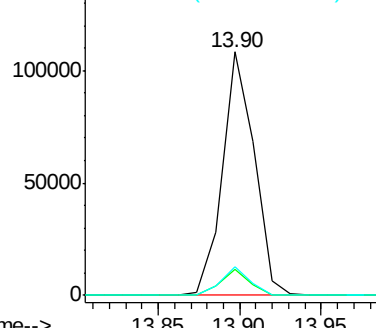
Tot Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	10.9		9.0	13.4	
80	11.5		9.5	14.3	

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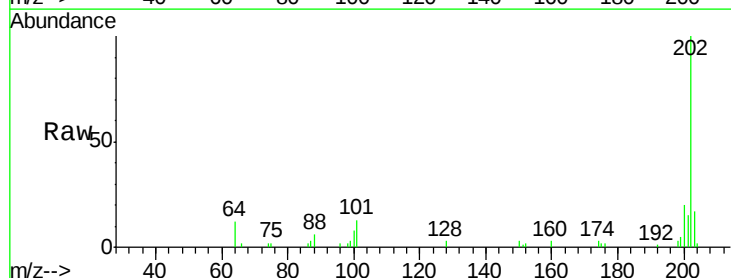


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

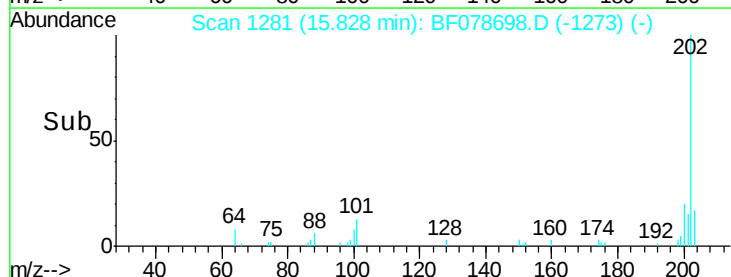
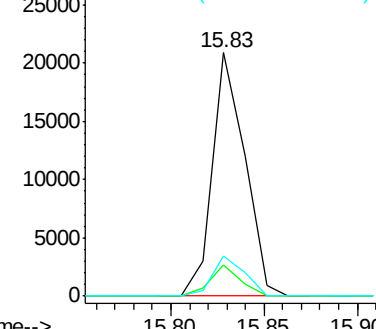


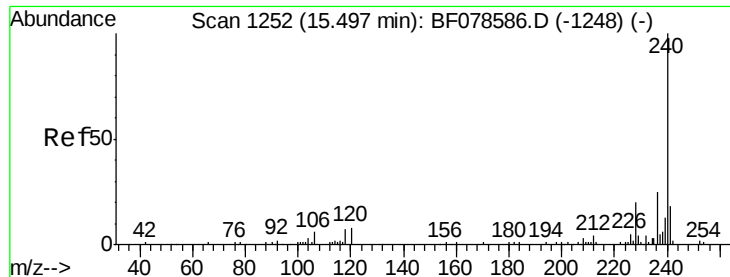
#74
Fluoranthene
Concen: 2.82 ng
RT: 15.83 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF078698.D
Acq: 21 Apr 2015 22:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	13.0		0.0	35.2	
203	16.7		0.0	38.5	



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





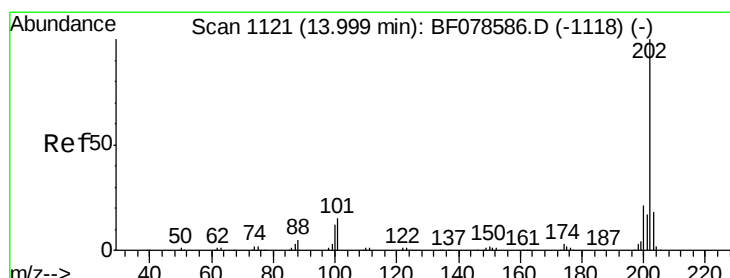
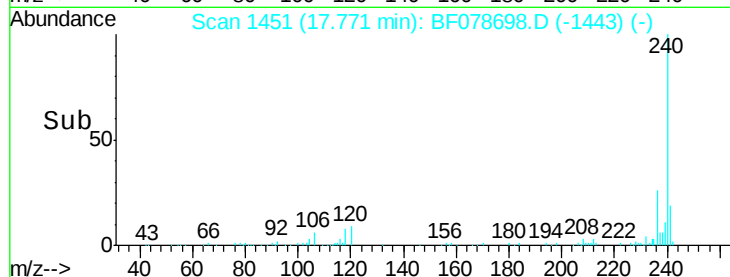
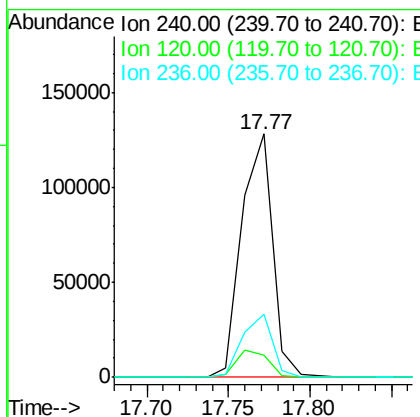
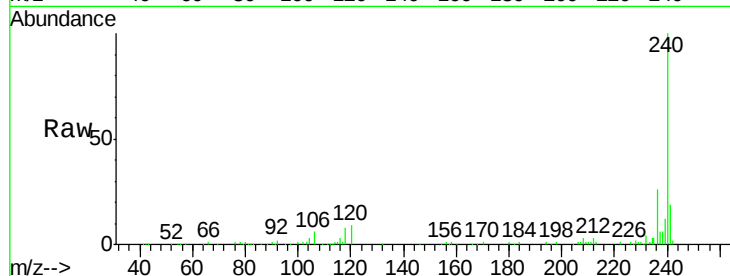
#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.77 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF078698.D
Acq: 21 Apr 2015 22:40

Instrument :
BNA_F
ClientSampleId :
SB-68AS

Tot Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	9.1	7.1	10.7
236	25.8	21.4	32.2

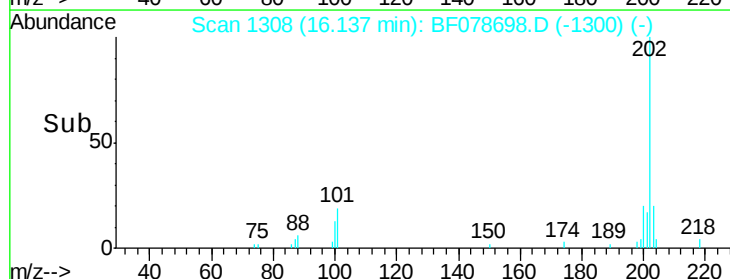
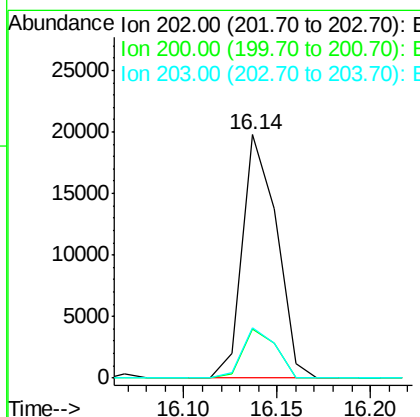
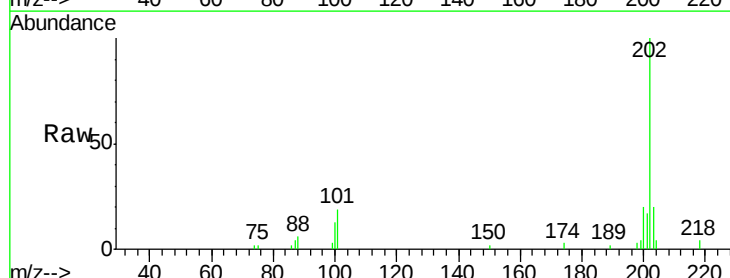
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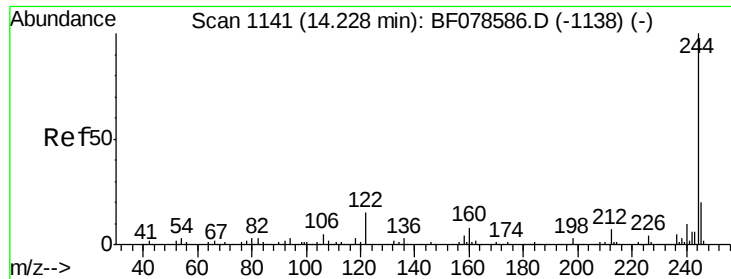
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#77
Pyrene
Concen: 2.38 ng
RT: 16.14 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF078698.D
Acq: 21 Apr 2015 22:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	19.9	16.3	24.5
203	20.5	13.8	20.6





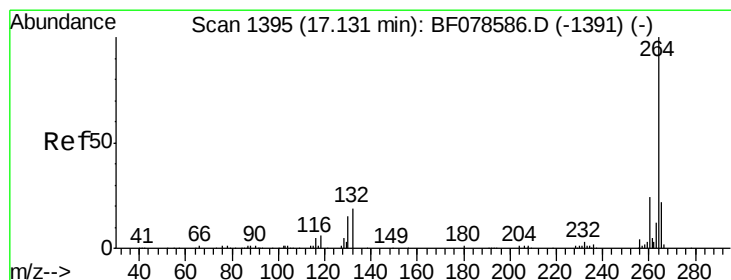
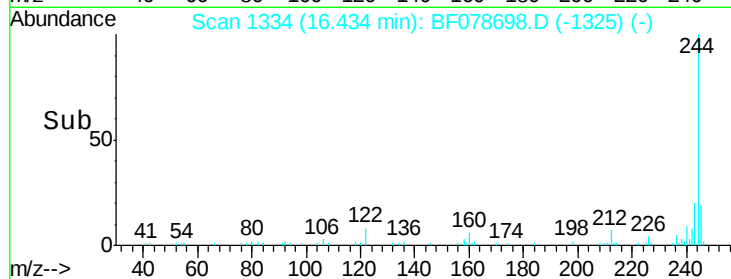
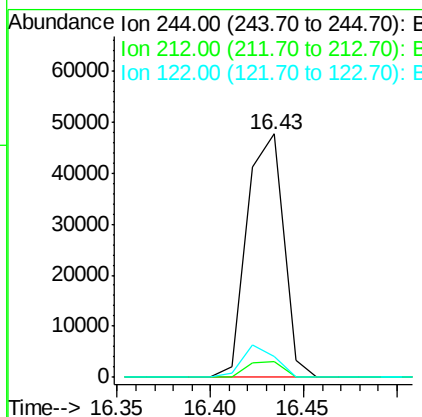
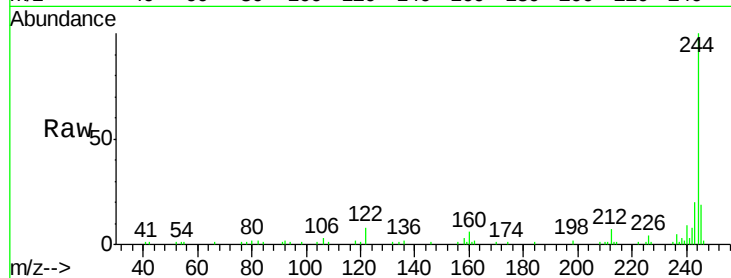
#78
 Terphenyl-d14
 Concen: 8.70 ng
 RT: 16.43 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF078698.D
 Acq: 21 Apr 2015 22:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-68AS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.0	7.4
122	8.4	7.1	10.7

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.46 min Scan# 1599
 Delta R.T. -0.02 min
 Lab File: BF078698.D
 Acq: 21 Apr 2015 22:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	20.8	17.0	25.6

