

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
 Data File : BF077069.D
 Acq On : 27 Jan 2015 2:31
 Operator : TP/IZ
 Sample : G1158-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-4

Manual Integrations
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Quant Time: Jan 28 12:54:13 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 27 01:21:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	22317	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	92598	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	46582	20.00	ng	0.00
63) Phenanthrene-d10	17.64	188	84316	20.00	ng	0.00
75) Chrysene-d12	21.20	240	81337	20.00	ng	0.06
86) Perylene-d12	22.88	264	72995	20.00	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	4.79	112	56938	41.95	ng	0.00
7) Phenol-d6	7.17	99	88179	51.50	ng	0.00
23) Nitrobenzene-d5	9.06	82	55095	32.96	ng	0.00
41) 2,4,6-Tribromophenol	16.52	330	9979	26.39	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	121127	39.57	ng	0.00
78) Terphenyl-d14	19.91	244	121440	34.37	ng	0.03
Target Compounds						
70) Phenanthrene	17.67	178	27612	5.25	ng	Qvalue # 93
77) Pyrene	19.64	202	36550m	6.56	ng	

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

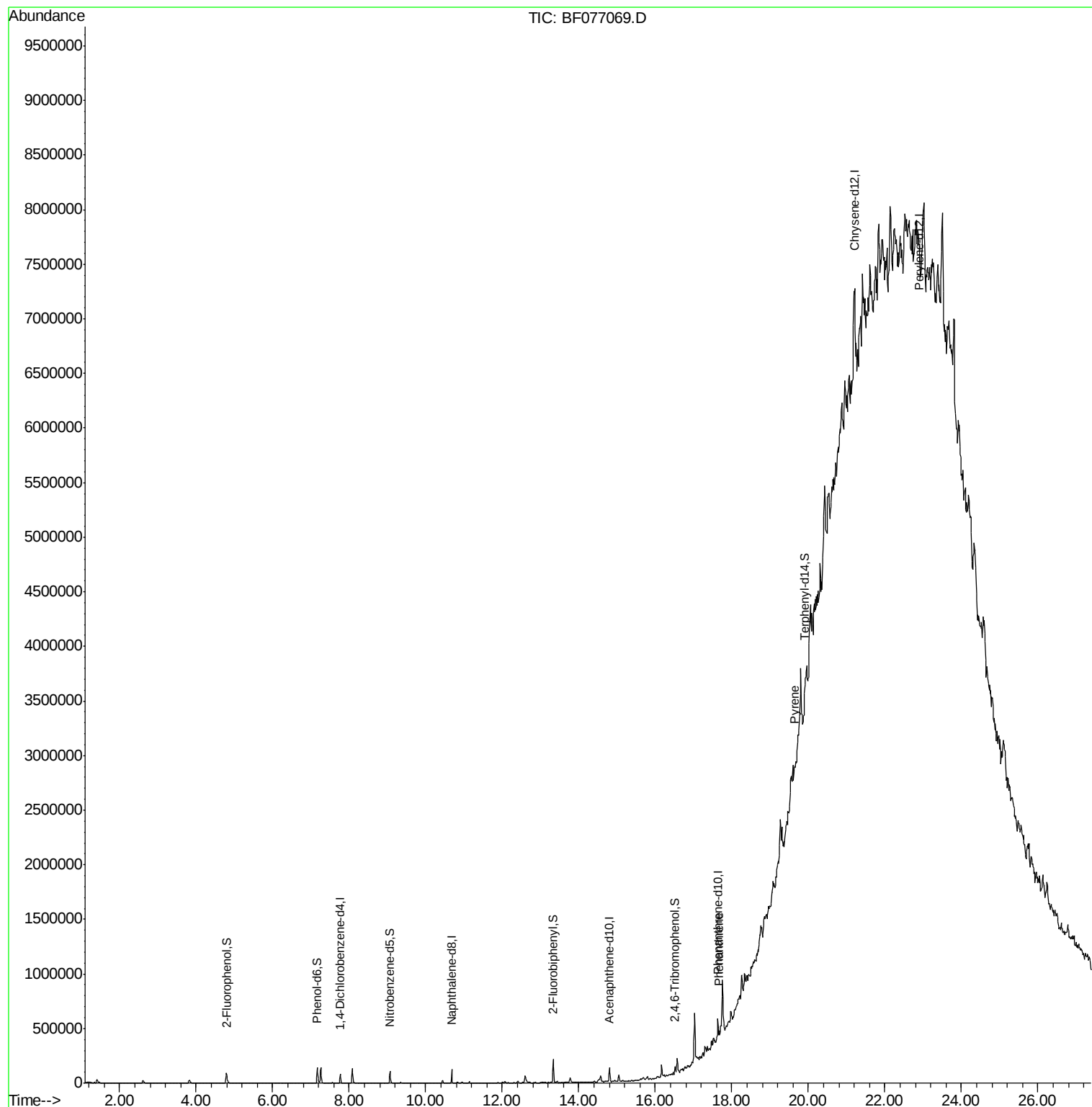
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077069.D
Acq On : 27 Jan 2015 2:31
Operator : TP/IZ
Sample : G1158-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

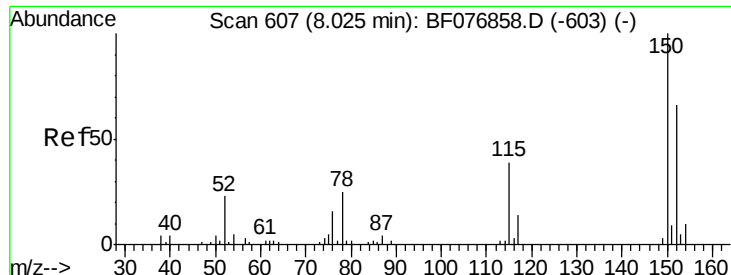
Instrument :
BNA_F
ClientSampleId :
CC-4

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#1

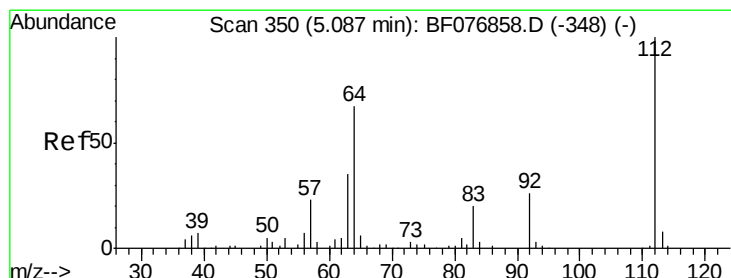
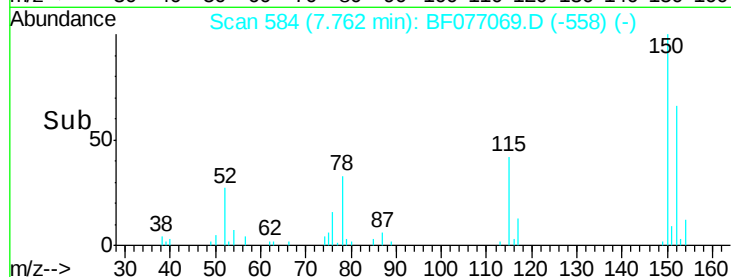
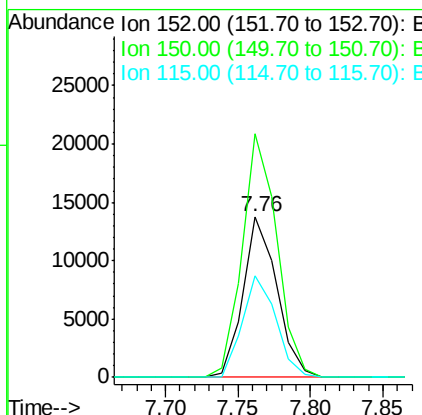
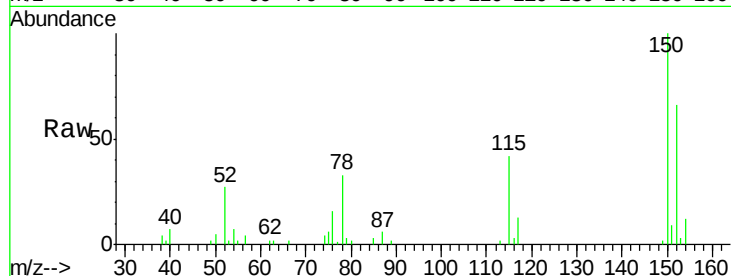
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF077069.D
Acq: 27 Jan 2015 2:31

Instrument :
BNA_F
ClientSampled :
CC-4

Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.7	121.7	182.5
115	63.6	47.0	70.6

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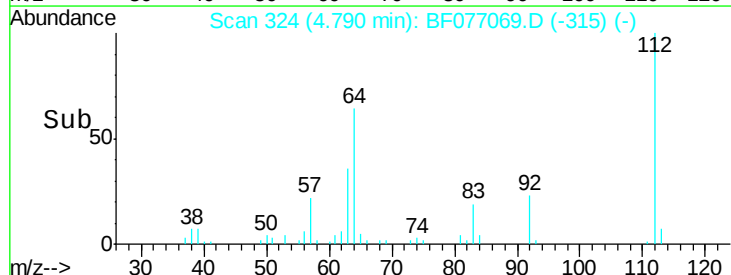
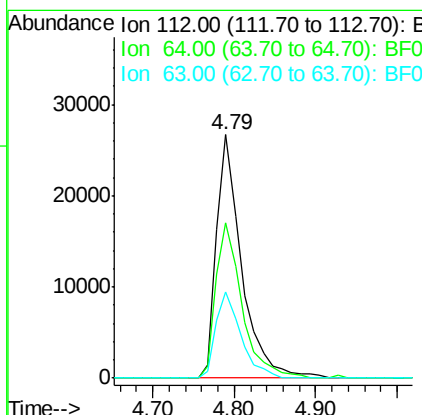
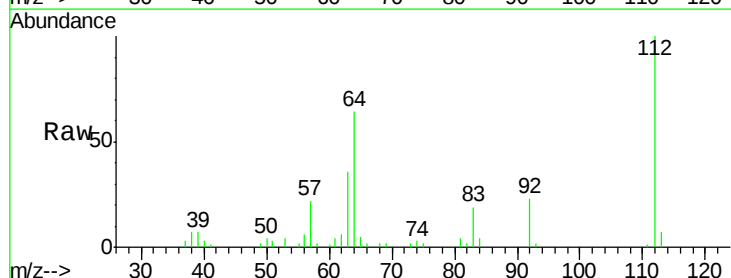
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#5

2-Fluorophenol
Concen: 41.95 ng
RT: 4.79 min Scan# 324
Delta R.T. -0.00 min
Lab File: BF077069.D
Acq: 27 Jan 2015 2:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.6	54.2	81.4
63	35.5	28.4	42.6





#7

Phenol-d6

Concen: 51.50 ng

RT: 7.17 min Scan# 532

Delta R.T. -0.00 min

Lab File: BF077069.D

Acq: 27 Jan 2015 2:31

Instrument :

BNA_F

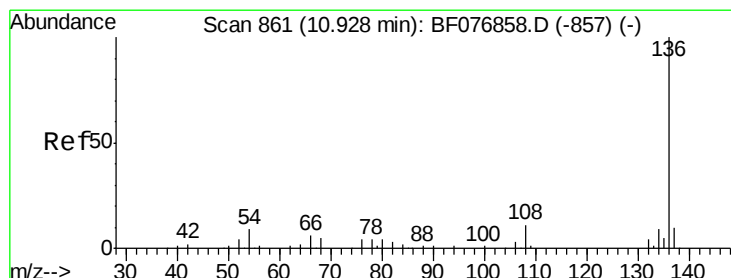
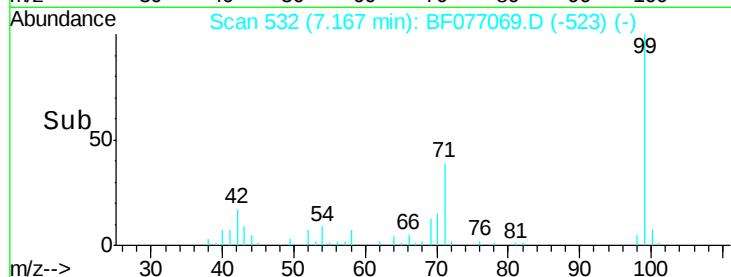
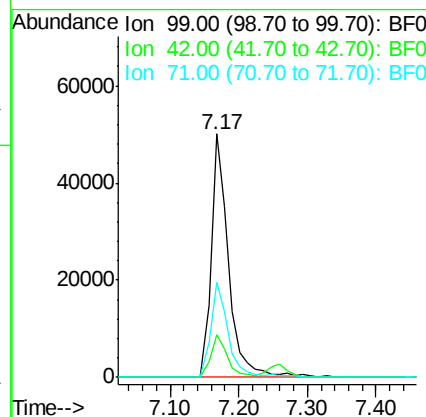
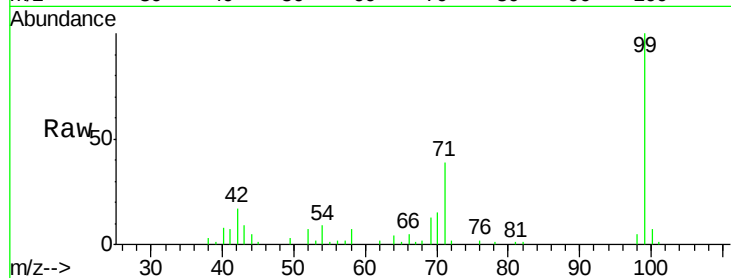
ClientSampleId :

CC-4

Tgt Ion:	99	Resp:	88179
Ion Ratio	Lower	Upper	
99	100		
42	17.4	15.0	22.4
71	39.3	30.5	45.7

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#21

Naphthalene-d8

Concen: 20.00 ng

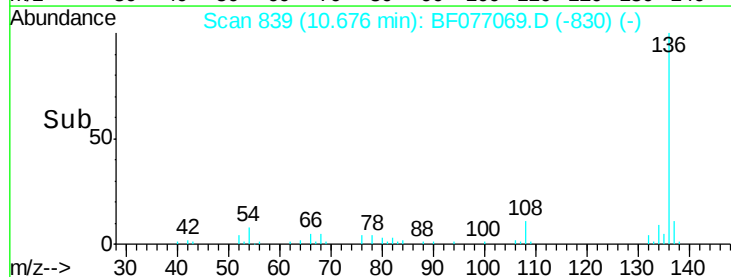
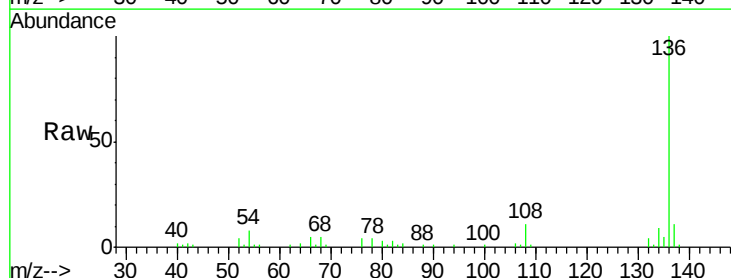
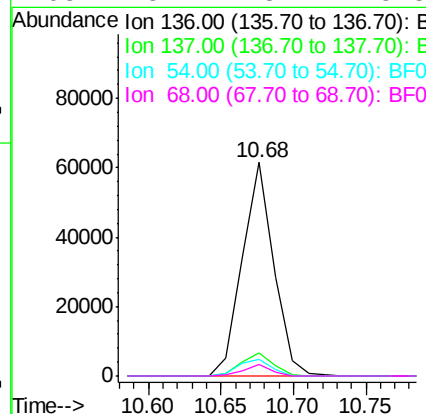
RT: 10.68 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF077069.D

Acq: 27 Jan 2015 2:31

Tgt Ion:	136	Resp:	92598
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.1	12.1
54	7.8	7.0	10.4
68	5.2	3.7	5.5





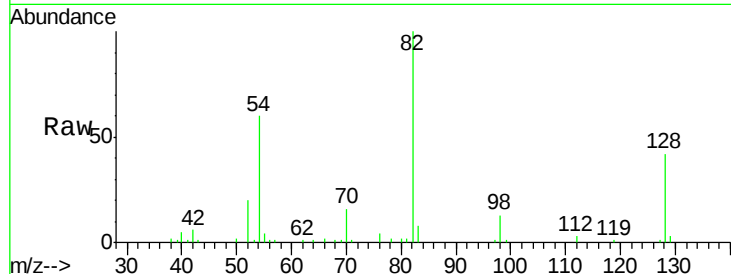
#23
 Nitrobenzene-d5
 Concen: 32.96 ng
 RT: 9.06 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF077069.D
 Acq: 27 Jan 2015 2:31

Instrument :
 BNA_F
 ClientSampled :
 CC-4

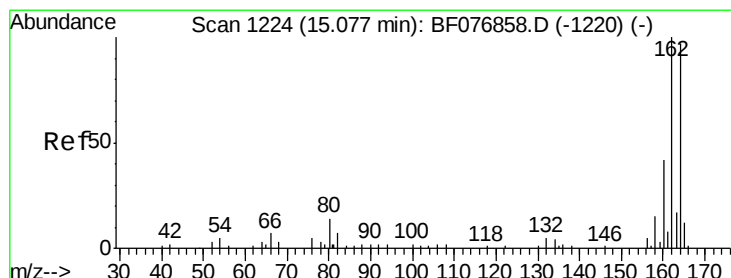
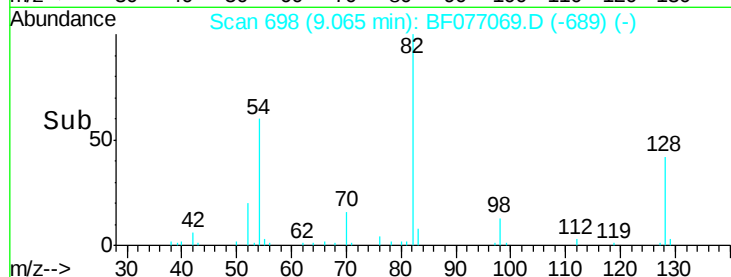
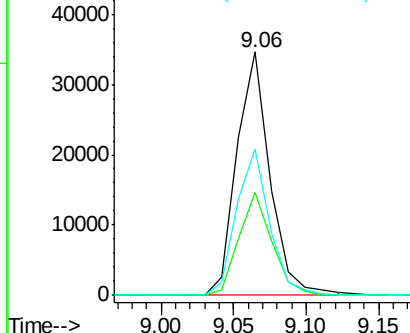
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.1	33.1	49.7
54	60.0	48.3	72.5

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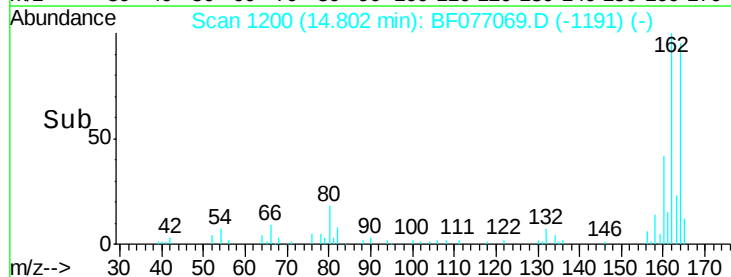
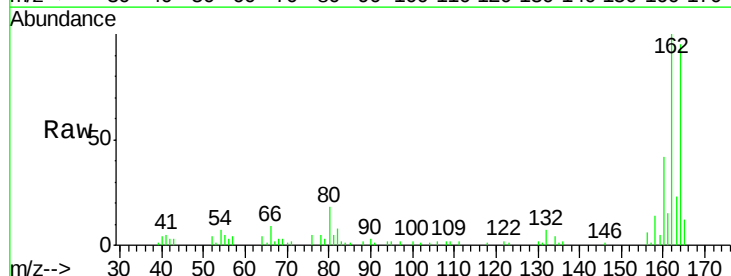
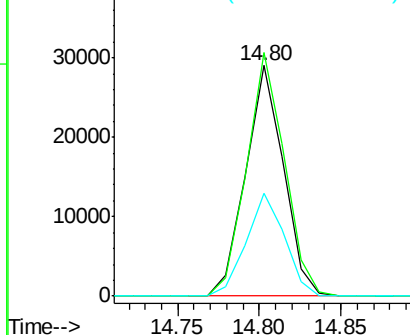
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF077069.D
 Acq: 27 Jan 2015 2:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.7	82.4	123.6
160	44.5	34.8	52.2

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





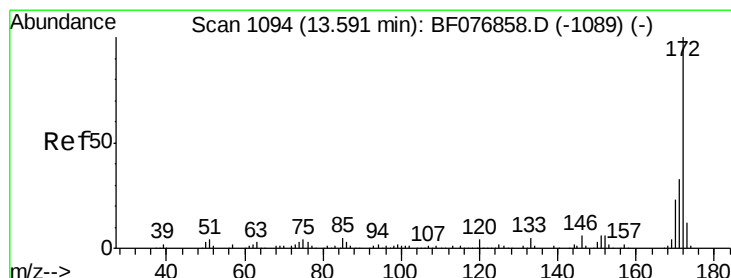
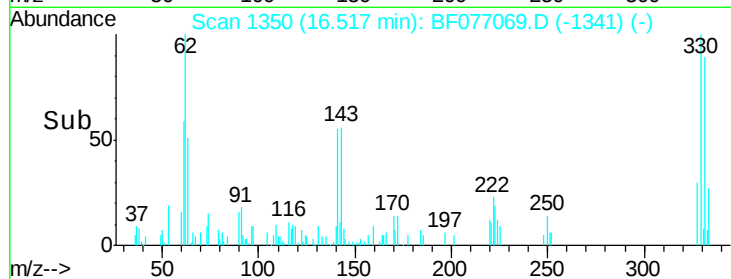
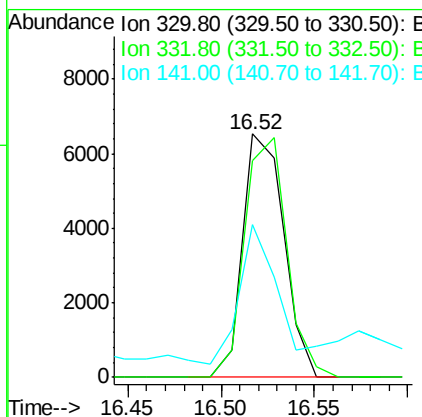
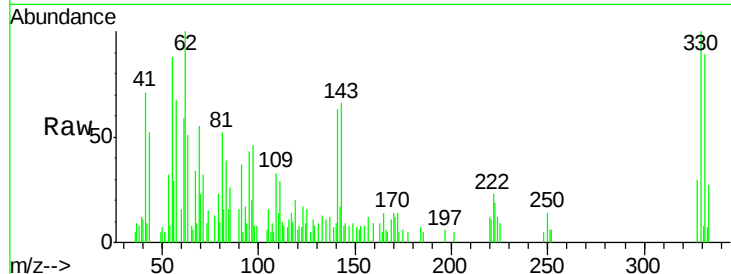
#41
 2,4,6-Tribromophenol
 Concen: 26.39 ng
 RT: 16.52 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: BF077069.D
 Acq: 27 Jan 2015 2:31

Instrument :
 BNA_F
 ClientSampled :
 CC-4

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	9979		
332	101.3	77.8	116.6	
141	49.3	38.5	57.7	

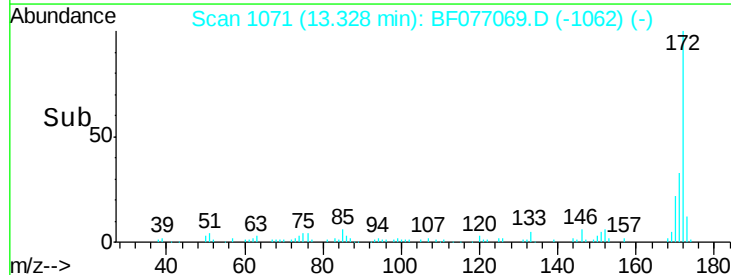
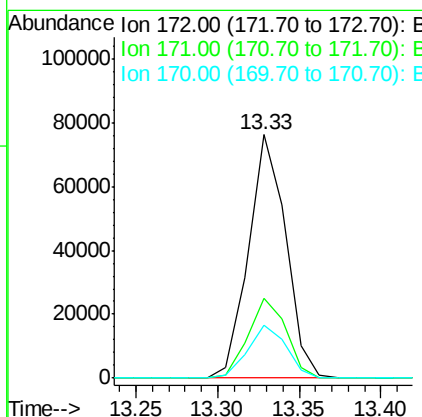
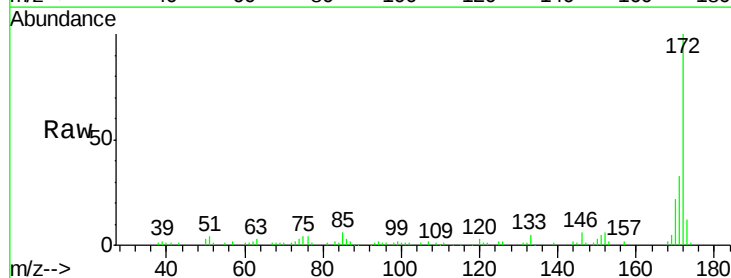
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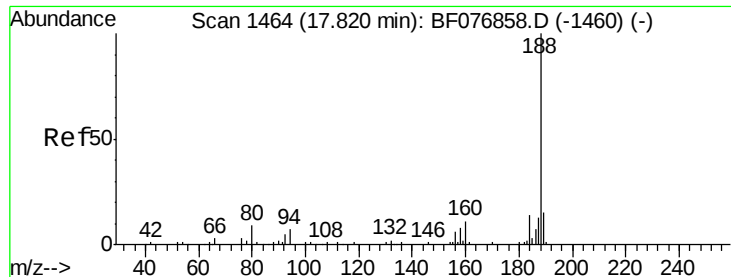
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#44
 2-Fluorobiphenyl
 Concen: 39.57 ng
 RT: 13.33 min Scan# 1071
 Delta R.T. -0.00 min
 Lab File: BF077069.D
 Acq: 27 Jan 2015 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	121127		
171	32.8	26.6	40.0	
170	21.6	18.0	27.0	





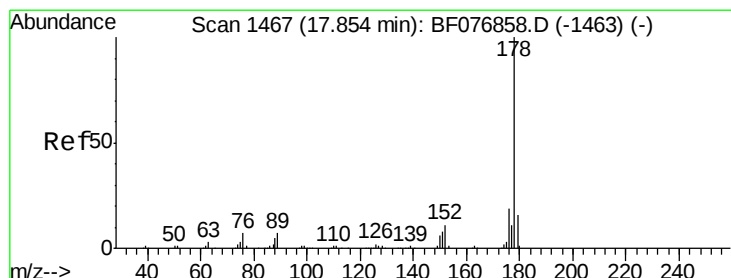
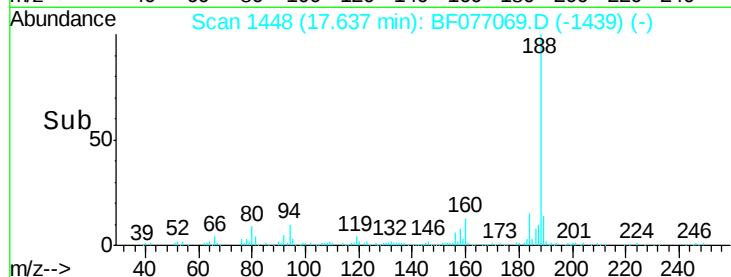
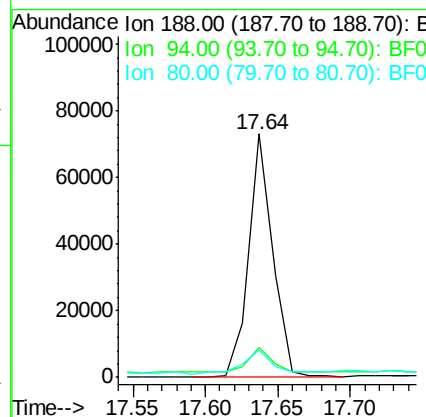
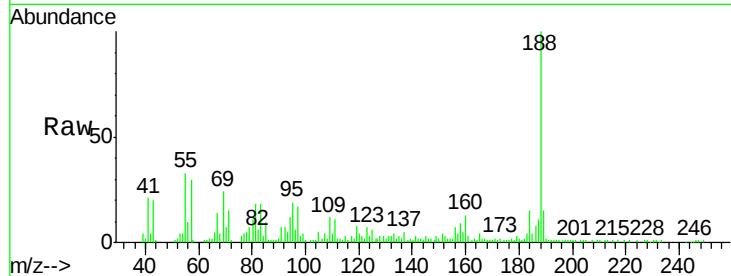
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.64 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF077069.D
Acq: 27 Jan 2015 2:31

Instrument :
BNA_F
ClientSampleId :
CC-4

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.0	6.0	9.0#
80	11.2	6.9	10.3#

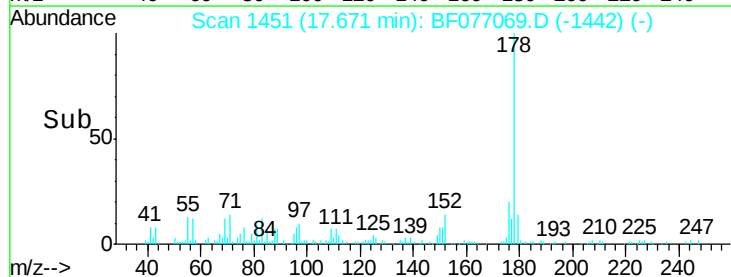
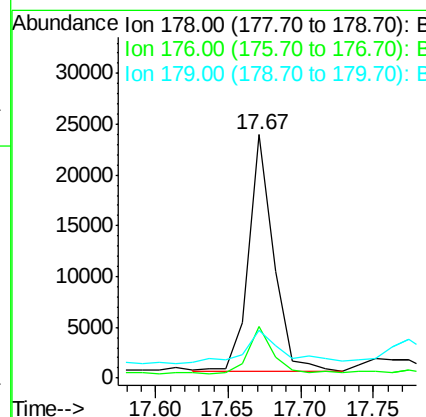
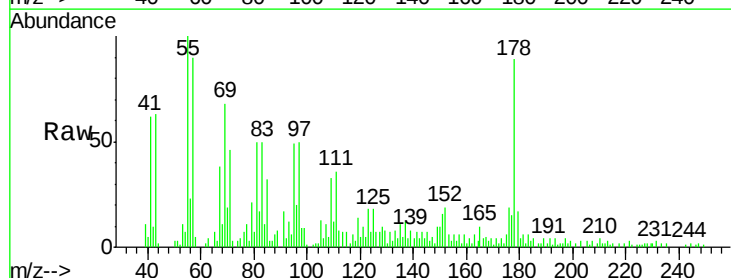
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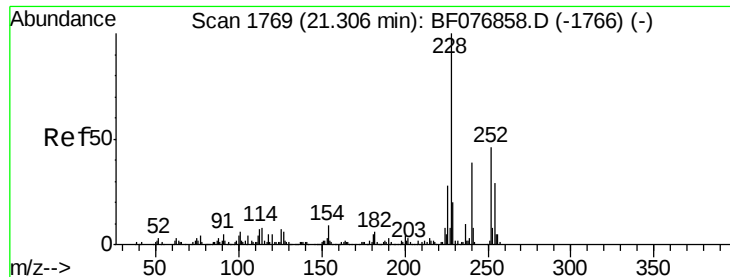
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#70
Phenanthrene
Concen: 5.25 ng
RT: 17.67 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF077069.D
Acq: 27 Jan 2015 2:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	21.2	15.1	22.7
179	19.5	12.7	19.1#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.20 min Scan# 1760

Delta R.T. 0.06 min

Lab File: BF077069.D

Acq: 27 Jan 2015 2:31

Instrument :

BNA_F

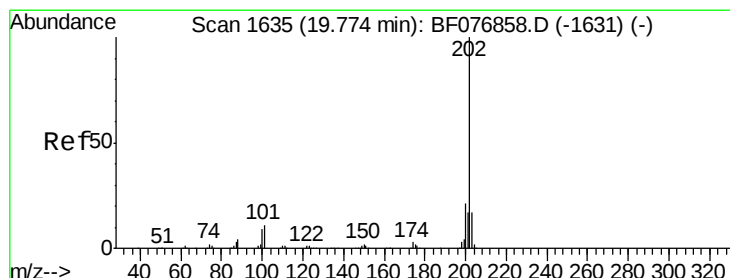
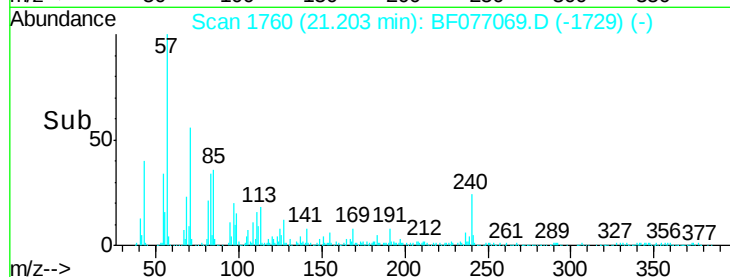
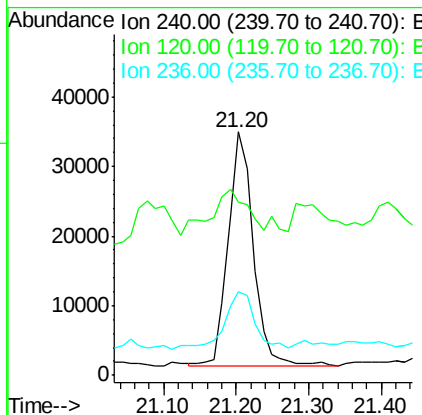
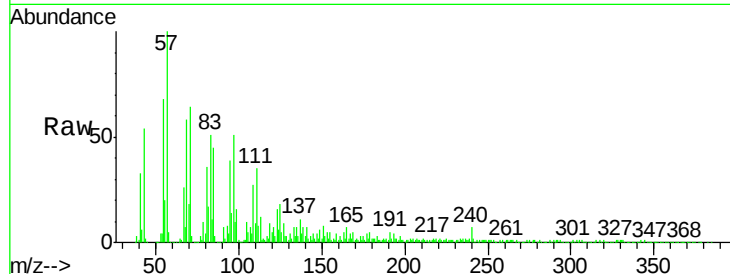
ClientSampleId :

CC-4

Tgt Ion:	240	Resp:	81337
Ion Ratio	Lower	Upper	
240	100		
120	71.3	10.4	15.6#
236	34.5	20.2	30.2#

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#77

Pyrene

Concen: 6.56 ng m

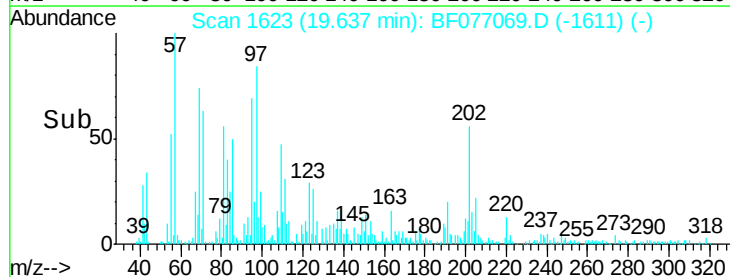
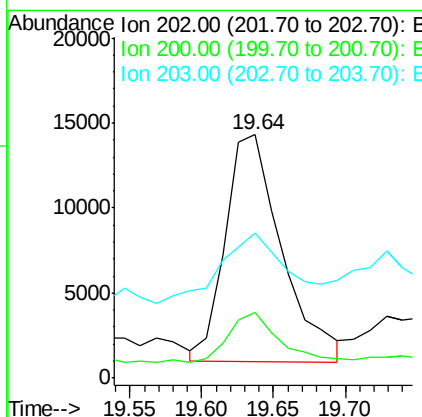
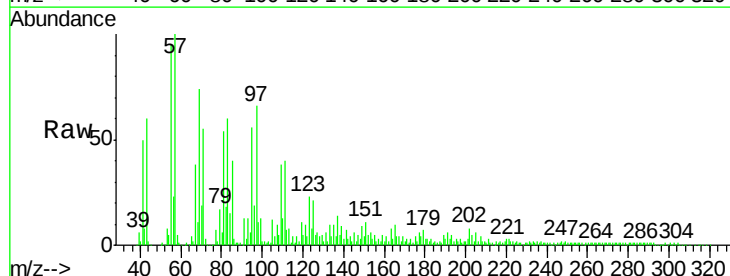
RT: 19.64 min Scan# 1623

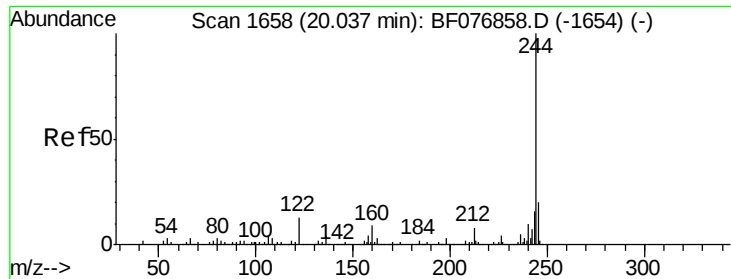
Delta R.T. 0.03 min

Lab File: BF077069.D

Acq: 27 Jan 2015 2:31

Tgt Ion:	202	Resp:	36550
Ion Ratio	Lower	Upper	
202	100		
200	27.1	16.7	25.1#
203	59.7	14.0	21.0#





#78

Terphenyl-d14

Concen: 34.37 ng

RT: 19.91 min Scan# 1647

Delta R.T. 0.03 min

Lab File: BF077069.D

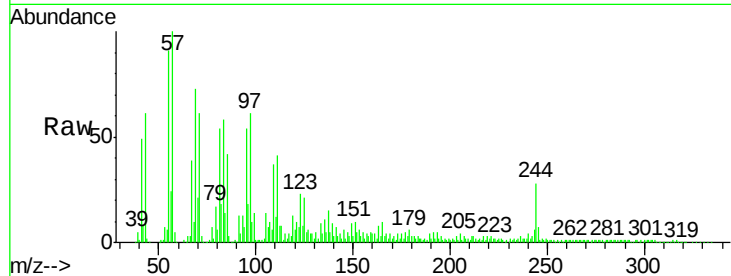
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Instrument :

BNA_F

ClientSampleId :

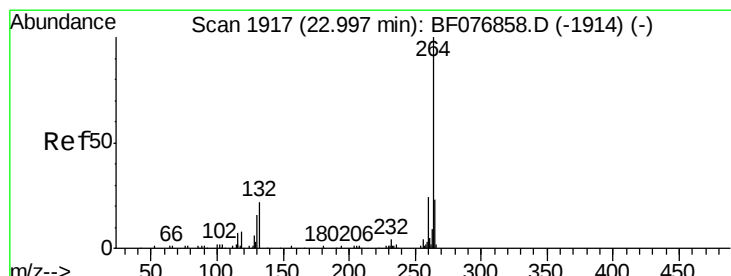
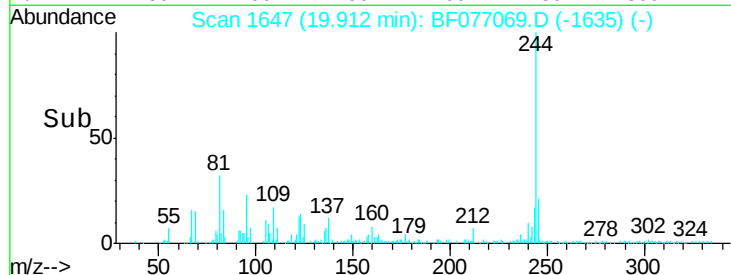
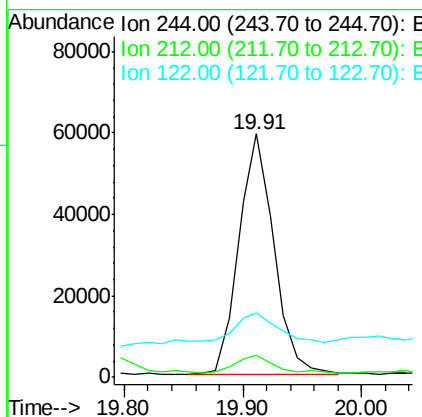
CC-4



Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	9.3	6.3	9.5	
122	26.2	10.1	15.1	

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#86

Perylene-d12

Concen: 20.00 ng

RT: 22.88 min Scan# 1907

Delta R.T. 0.09 min

Lab File: BF077069.D

Acq: 27 Jan 2015 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	30.8	19.0	28.4	#
265	28.6	18.1	27.1	#

