

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
 Data File : BF088577.D
 Acq On : 1 Jul 2016 16:18
 Operator : UM/SJ
 Sample : H3808-17 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-COMP

Manual Integrations
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Quant Time: Jul 05 02:18:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	132264	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	515545	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	225403	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	405264	20.00	ng	0.00
75) Chrysene-d12	13.94	240	271905	20.00	ng	-0.01
86) Perylene-d12	15.35	264	260744	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	108490	12.29	ng	-0.01
7) Phenol-d6	6.42	99	139188	12.21	ng	-0.02
23) Nitrobenzene-d5	7.36	82	75008	7.62	ng	-0.02
41) 2,4,6-Tribromophenol	10.63	330	23378	11.17	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	150414	10.54	ng	-0.01
78) Terphenyl-d14	12.90	244	106246	8.70	ng	-0.01
Target Compounds						Qvalue
70) Phenanthrene	11.35	178	66878	3.02	ng	97
74) Fluoranthene	12.53	202	104704	4.66	ng	98
77) Pyrene	12.75	202	88620	3.84	ng	98
80) Benzo(a)anthracene	13.93	228	47111	2.69	ng	97
82) Chrysene	13.97	228	38012m	2.19	ng	
87) Benzo(b)fluoranthene	14.95	252	48266m	2.95	ng	
89) Benzo(a)pyrene	15.29	252	32696	2.36	ng	96

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

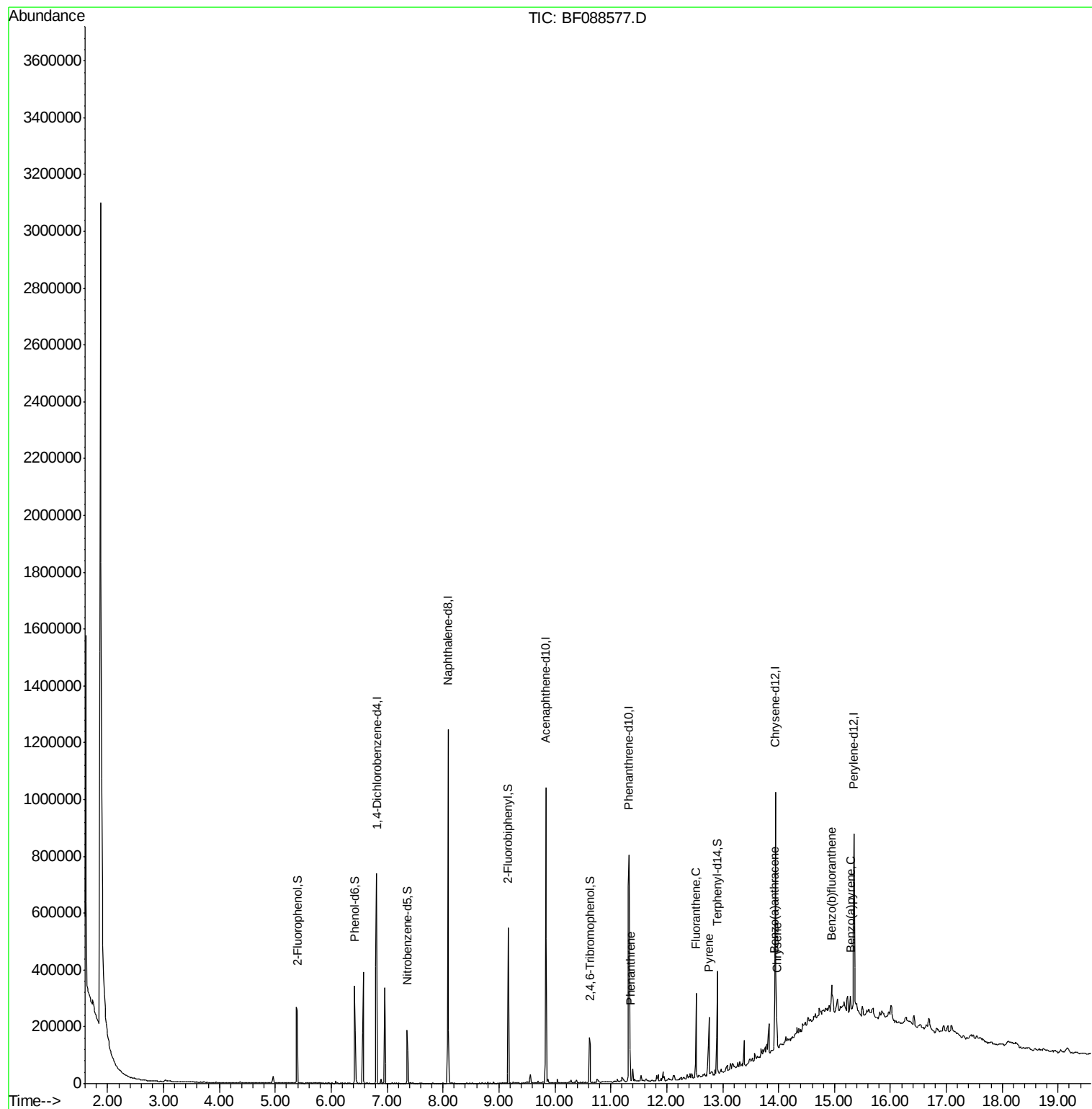
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088577.D
Acq On : 1 Jul 2016 16:18
Operator : UM/SJ
Sample : H3808-17 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

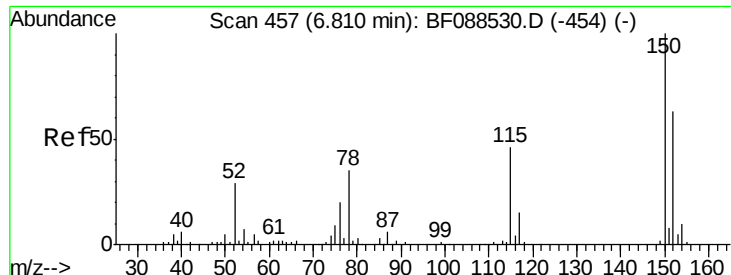
Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

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Response via : Initial Calibration





#1

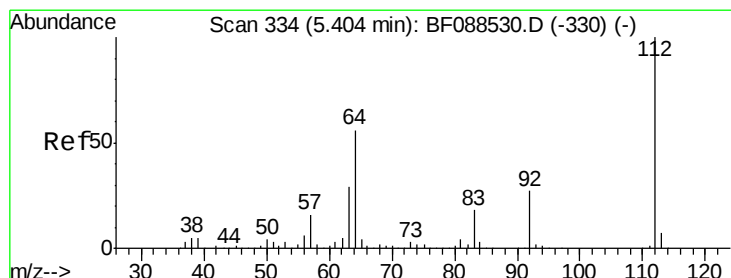
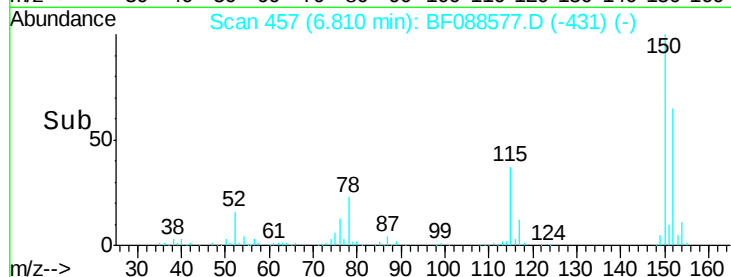
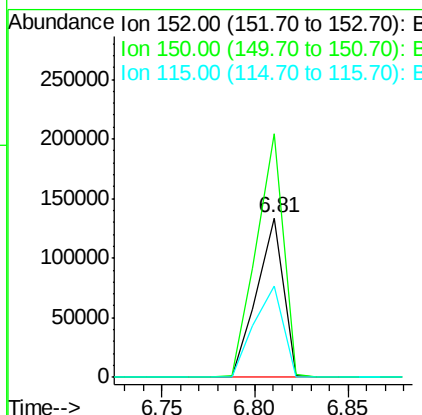
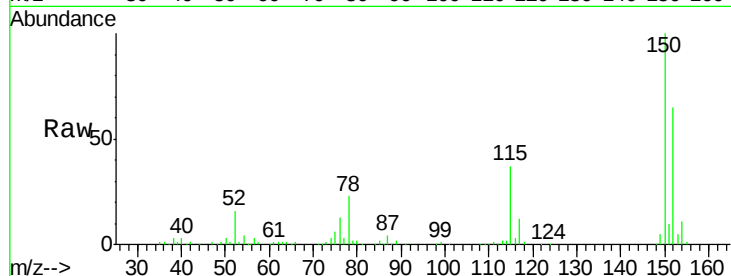
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF088577.D
Acq: 1 Jul 2016 16:18

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.0	123.8	185.6
115	57.2	39.6	59.4

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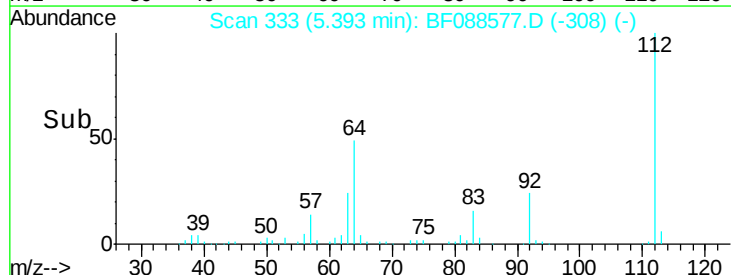
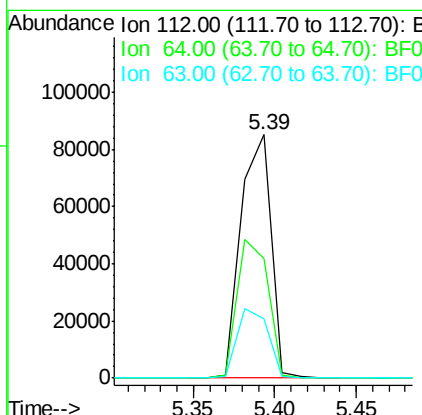
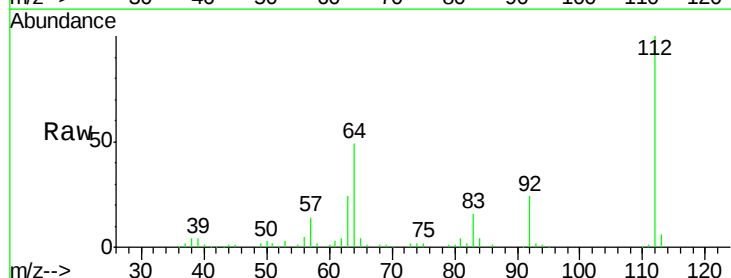
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#5

2-Fluorophenol
Concen: 12.29 ng
RT: 5.39 min Scan# 333
Delta R.T. -0.01 min
Lab File: BF088577.D
Acq: 1 Jul 2016 16:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.3	42.2	63.2
63	24.5	21.8	32.8





#7

Phenol-d6

Concen: 12.21 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088577.D

Acq: 1 Jul 2016 16:18

Instrument :

BNA_F

ClientSampleId :

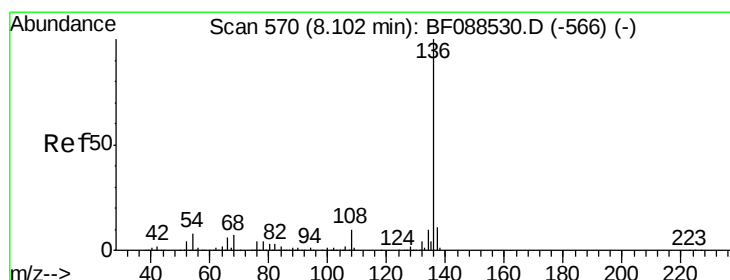
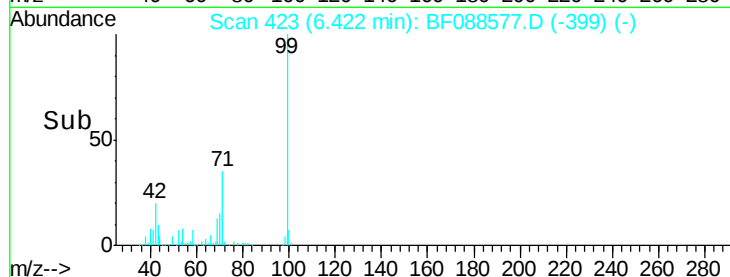
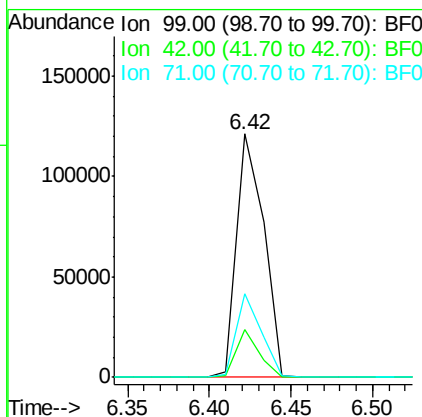
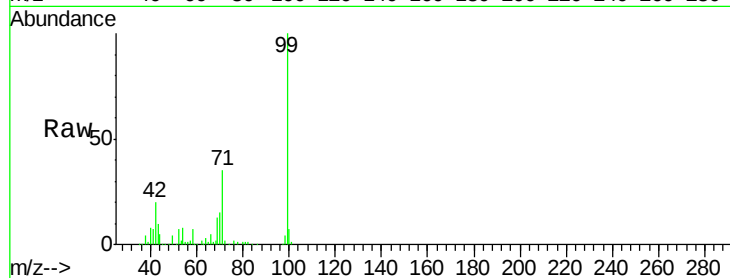
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Tgt Ion: 99 Resp: 139188

Ion	Ratio	Lower	Upper
99	100		
42	19.7	12.2	18.2#
71	34.6	23.4	35.0

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 569

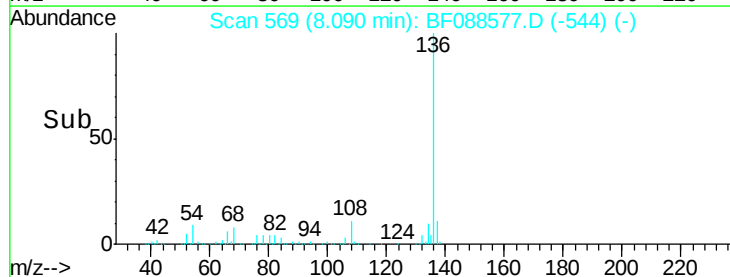
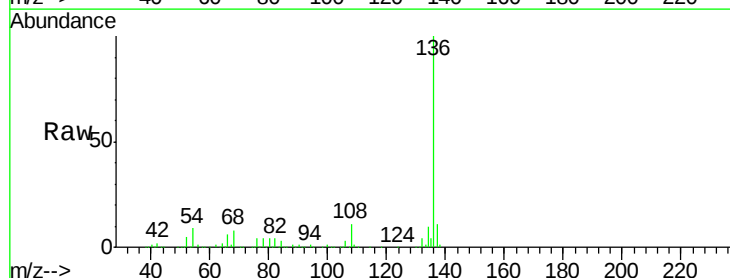
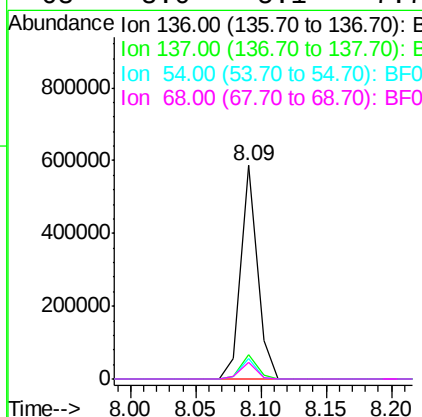
Delta R.T. -0.01 min

Lab File: BF088577.D

Acq: 1 Jul 2016 16:18

Tgt Ion: 136 Resp: 515545

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.3	6.6	10.0
68	8.0	5.1	7.7#





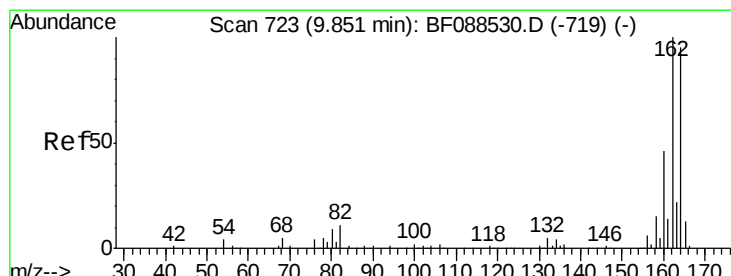
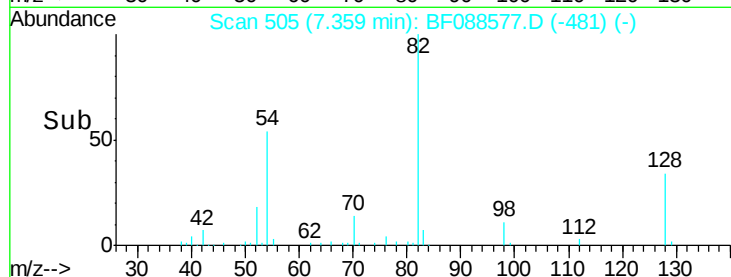
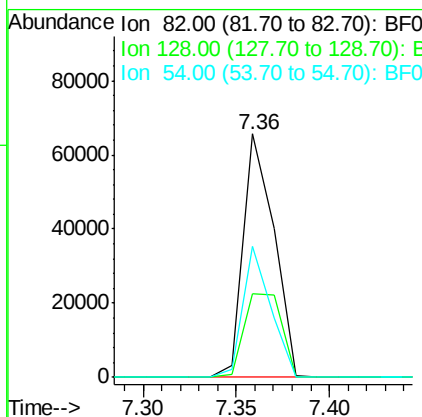
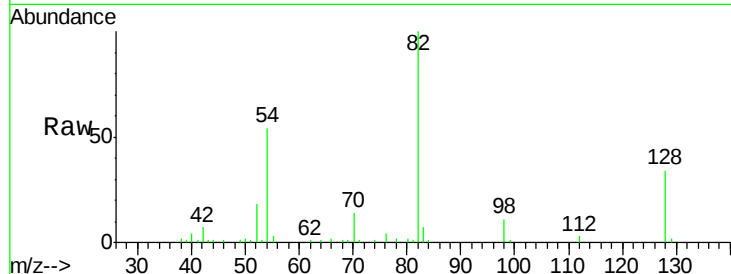
#23
 Nitrobenzene-d5
 Concen: 7.62 ng
 RT: 7.36 min Scan# 505
 Delta R.T. -0.02 min
 Lab File: BF088577.D
 Acq: 1 Jul 2016 16:18

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.2	35.9	53.9#
54	53.6	40.9	61.3

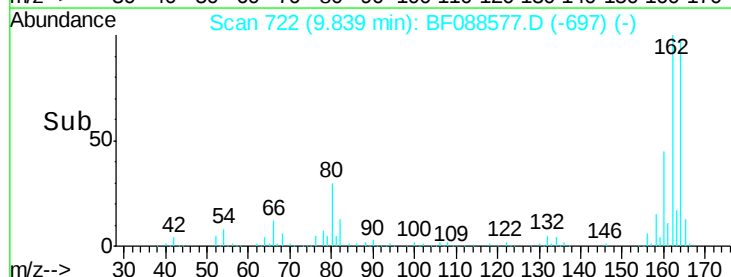
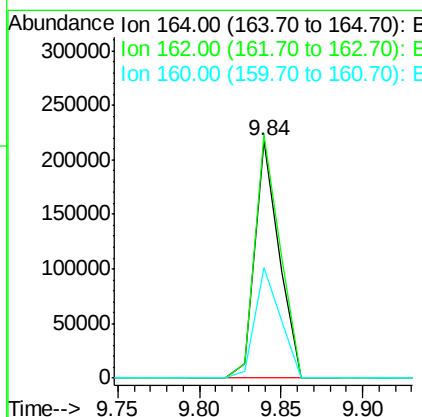
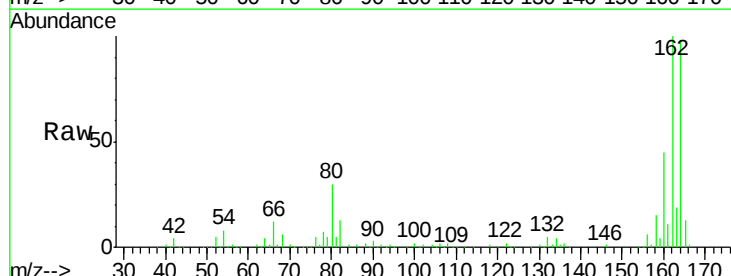
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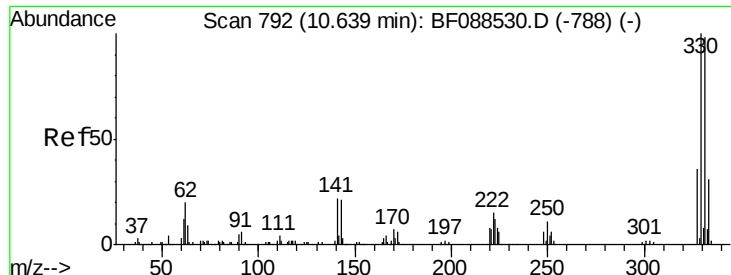
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF088577.D
 Acq: 1 Jul 2016 16:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	85.4	128.2
160	46.4	39.5	59.3





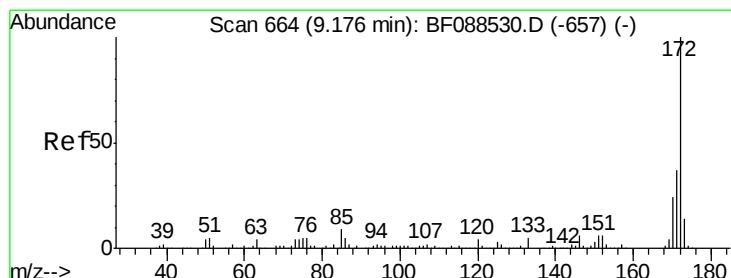
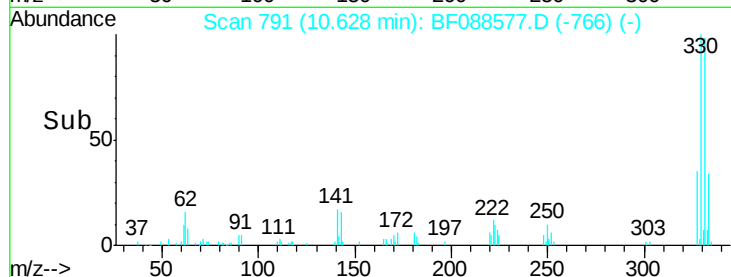
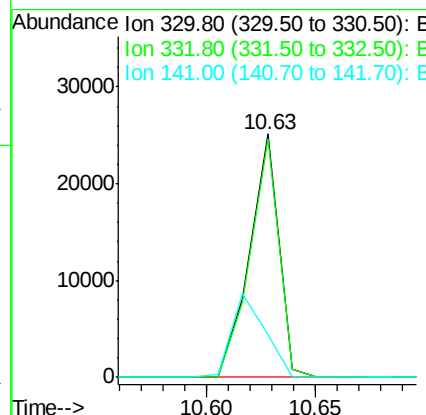
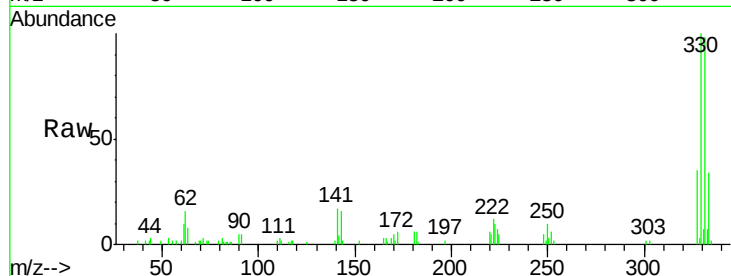
#41
 2,4,6-Tribromophenol
 Concen: 11.17 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF088577.D
 Acq: 1 Jul 2016 16:18

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.9	0.0	0.0#
141	39.3	0.0	0.0#

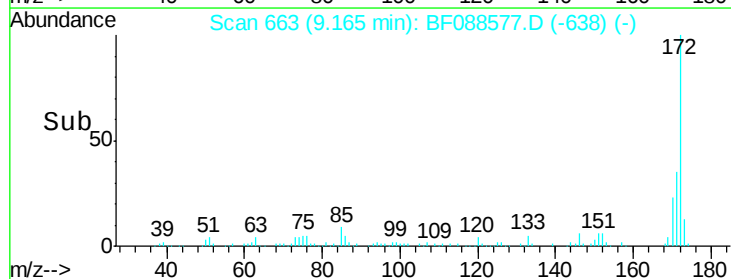
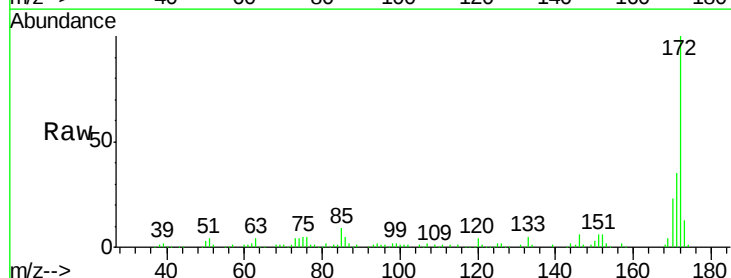
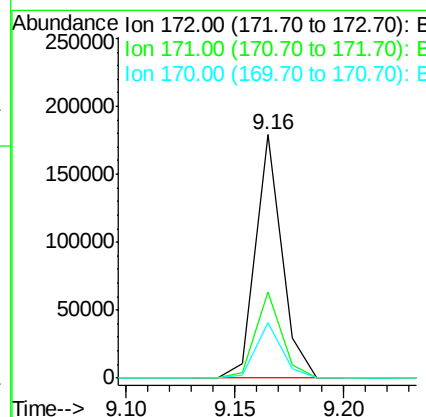
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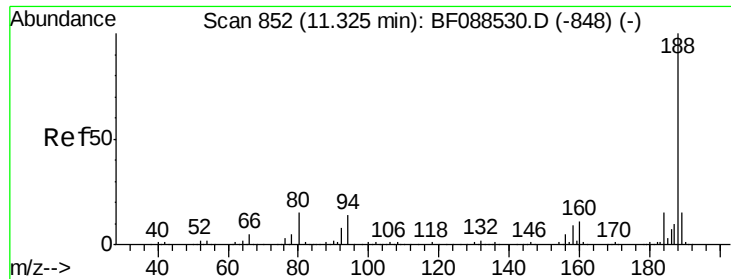
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#44
 2-Fluorobiphenyl
 Concen: 10.54 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF088577.D
 Acq: 1 Jul 2016 16:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	35.3	28.6	43.0
170	22.6	19.2	28.8





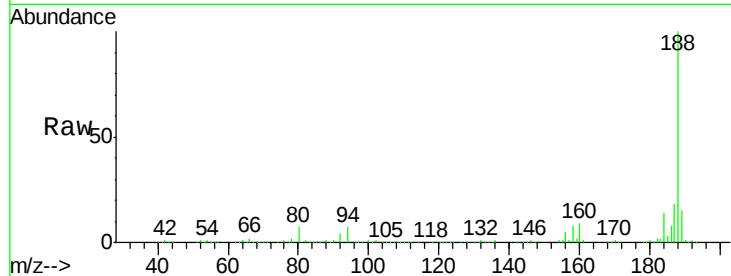
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF088577.D
Acq: 1 Jul 2016 16:18

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

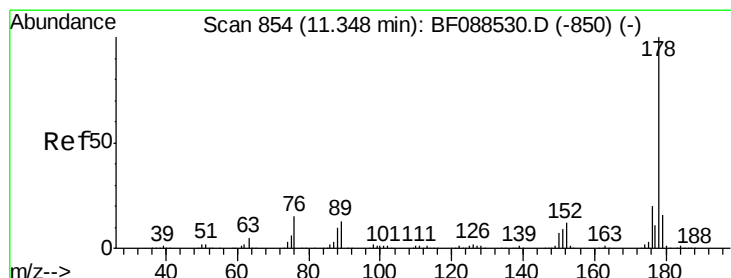
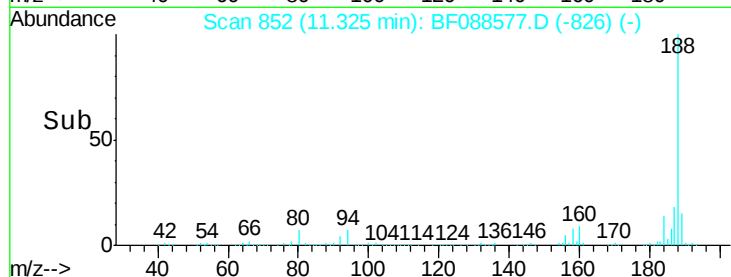
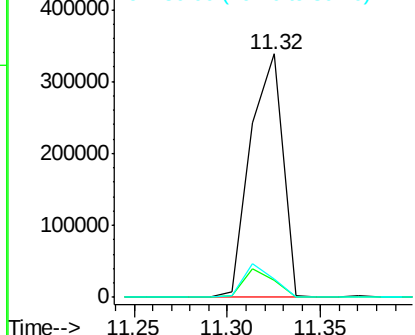
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	405264		
94	7.0	9.0	13.6#	
80	7.4	10.0	15.0#	

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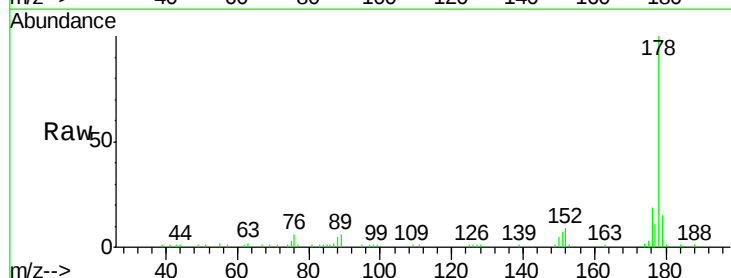


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

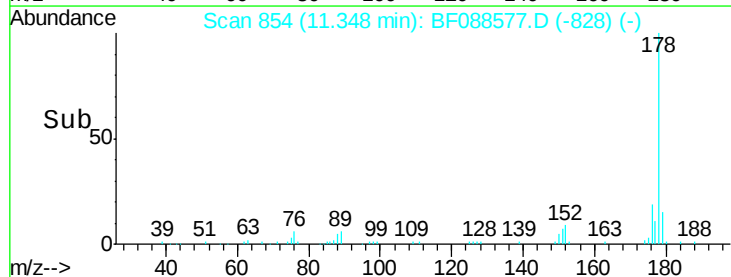
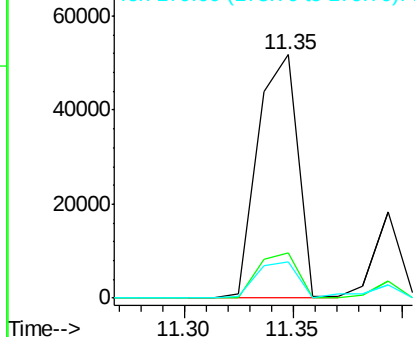


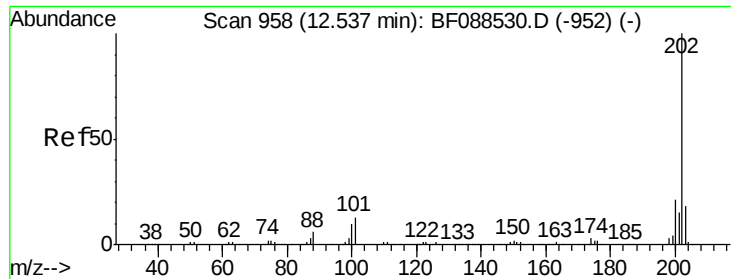
#70
Phenanthrene
Concen: 3.02 ng
RT: 11.35 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF088577.D
Acq: 1 Jul 2016 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	66878		
176	18.8	15.8	23.6	
179	14.9	13.0	19.4	



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





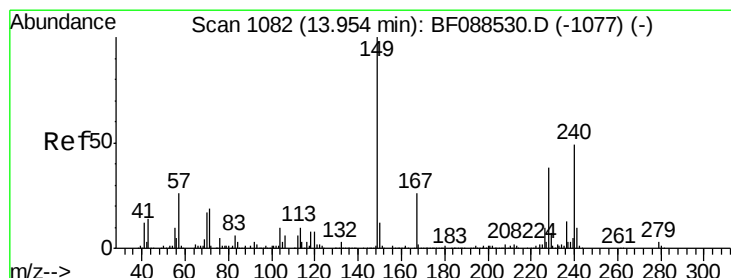
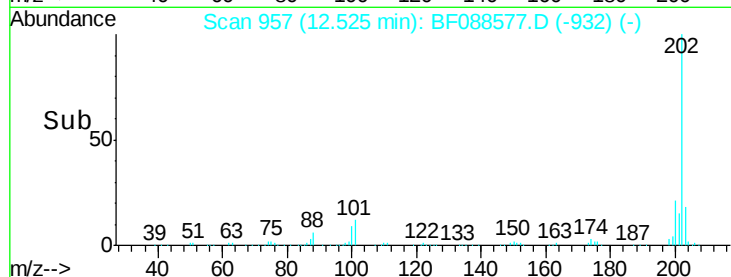
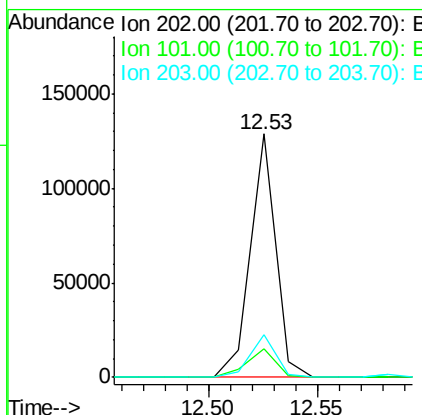
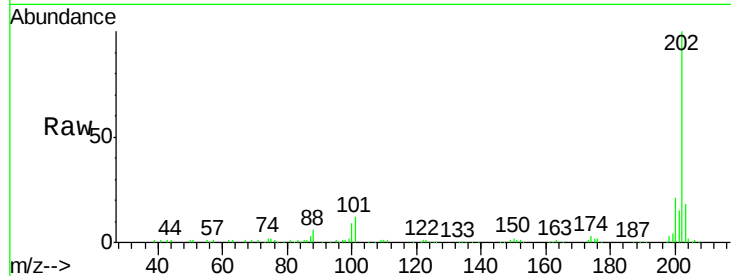
#74
 Fluoranthene
 Concen: 4.66 ng
 RT: 12.53 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: BF088577.D
 Acq: 1 Jul 2016 16:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-COMP

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.9	0.0	33.1
203	17.7	0.0	38.1

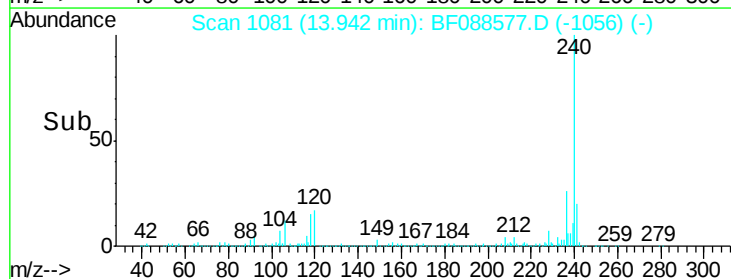
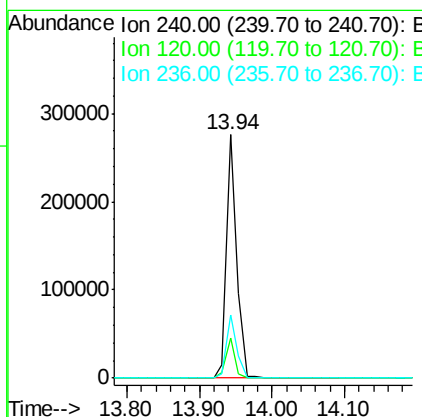
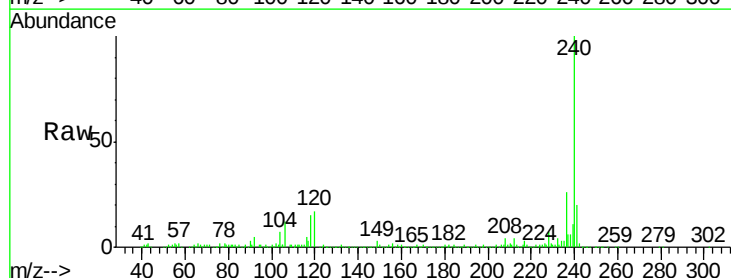
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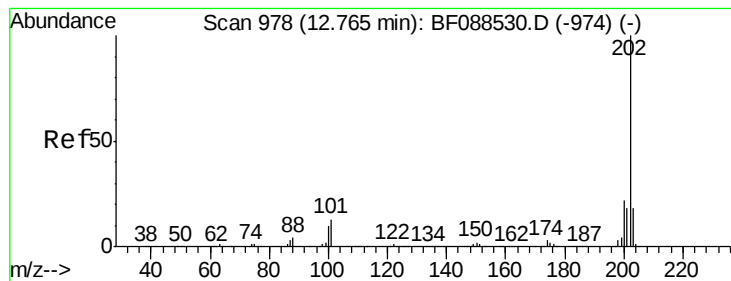
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.94 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BF088577.D
 Acq: 1 Jul 2016 16:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	16.7	6.8	10.2#
236	26.2	20.2	30.2





#77

Pyrene

Concen: 3.84 ng

RT: 12.75 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF088577.D

Acq: 1 Jul 2016 16:18

Instrument :

BNA_F

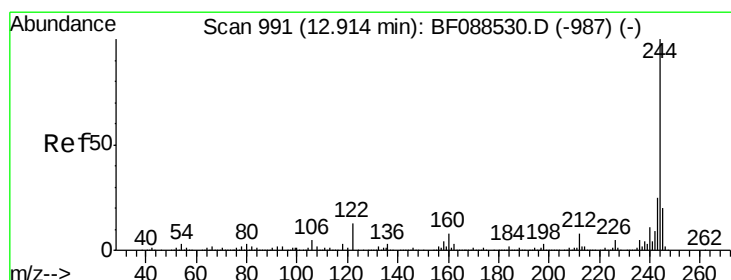
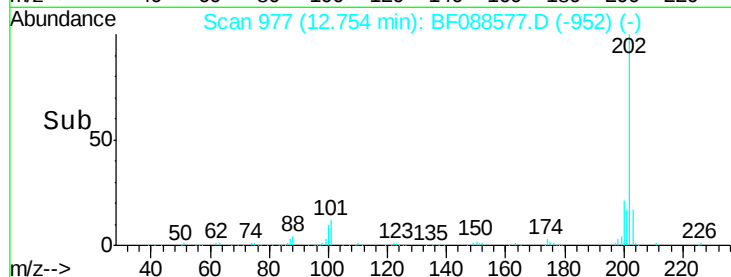
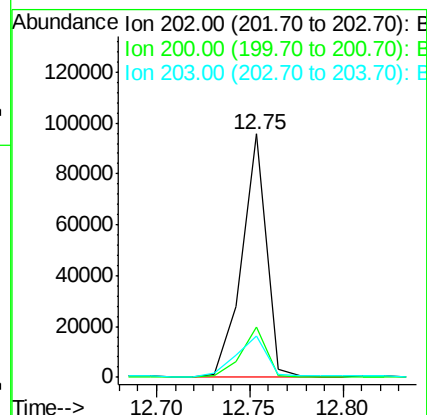
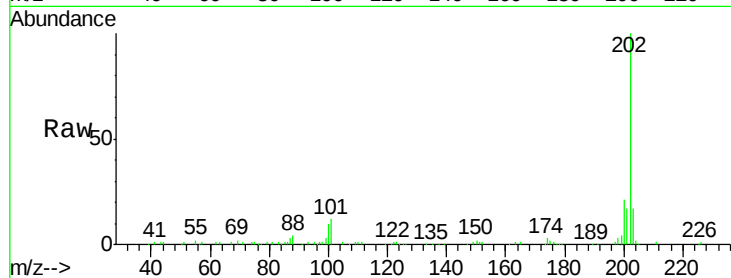
ClientSampleId :

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Tgt Ion:	202	Resp:	88620
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.4	26.2
203	17.1	14.5	21.7

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#78

Terphenyl-d14

Concen: 8.70 ng

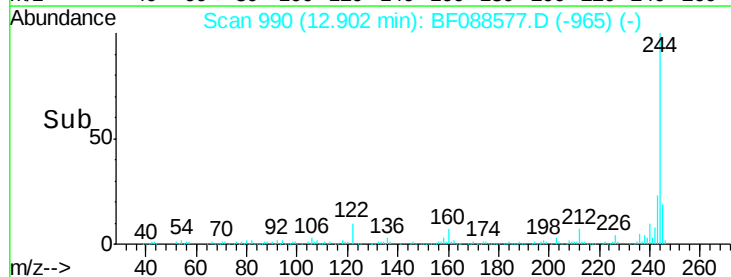
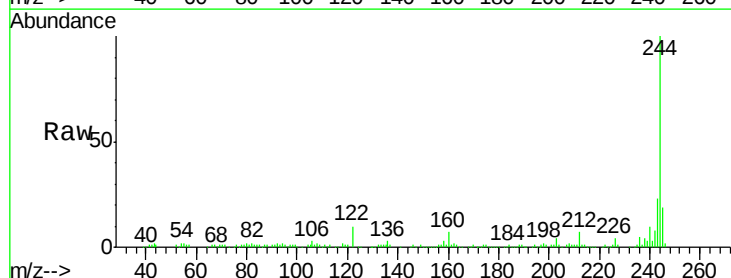
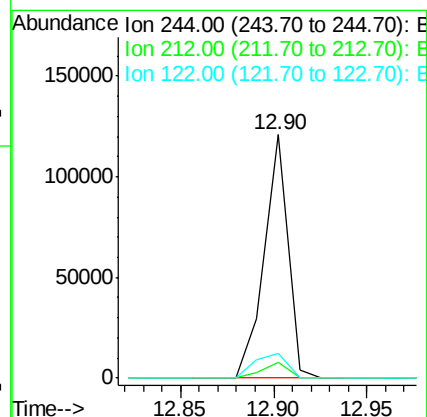
RT: 12.90 min Scan# 990

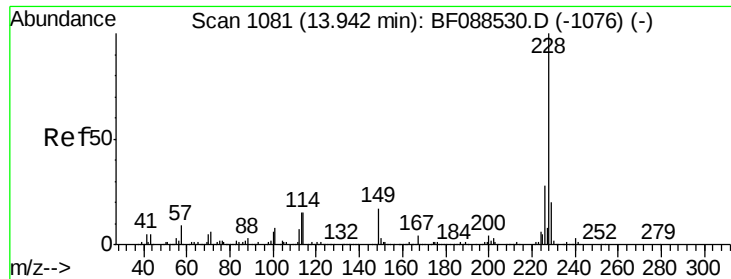
Delta R.T. -0.01 min

Lab File: BF088577.D

Acq: 1 Jul 2016 16:18

Tgt Ion:	244	Resp:	106246
Ion Ratio	Lower	Upper	
244	100		
212	6.6	6.0	9.0
122	10.4	11.2	16.8#





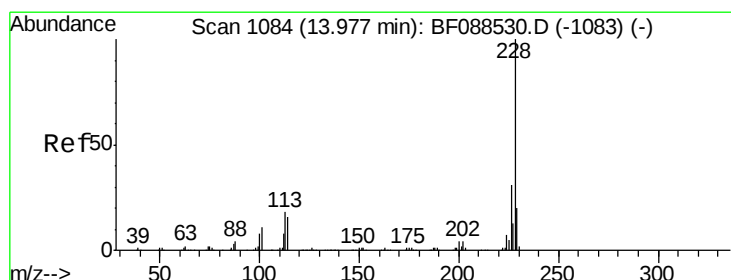
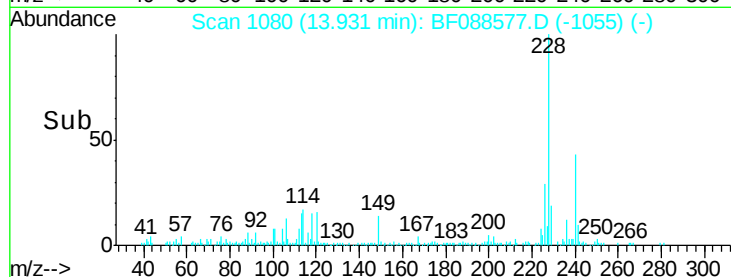
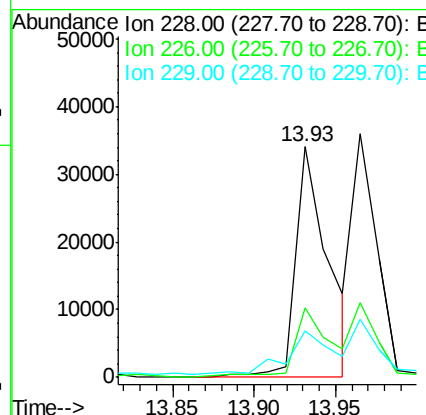
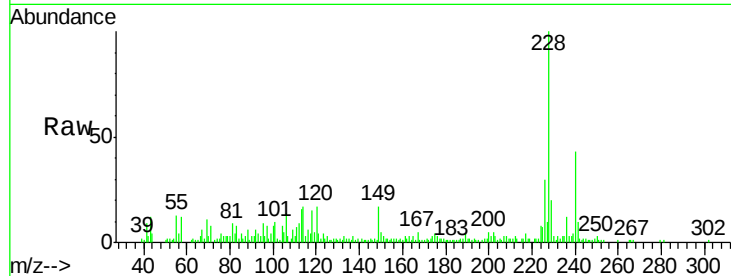
#80
Benzo(a)anthracene
Concen: 2.69 ng
RT: 13.93 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BF088577.D
Acq: 1 Jul 2016 16:18

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.3	33.5
229	20.4	16.0	24.0

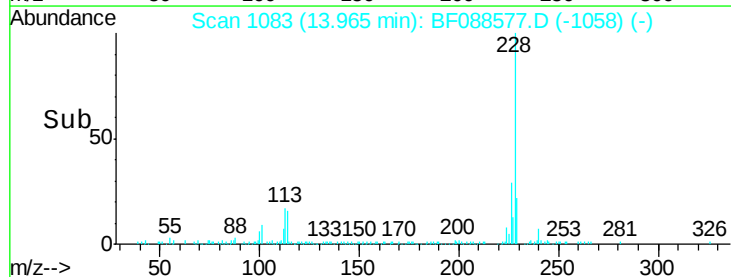
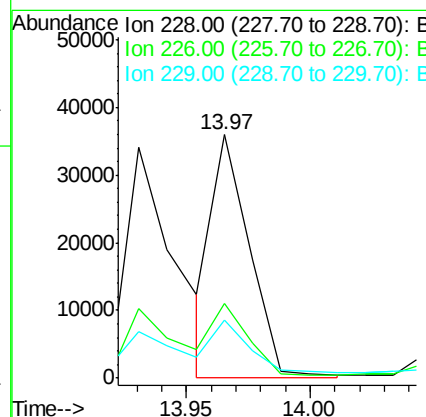
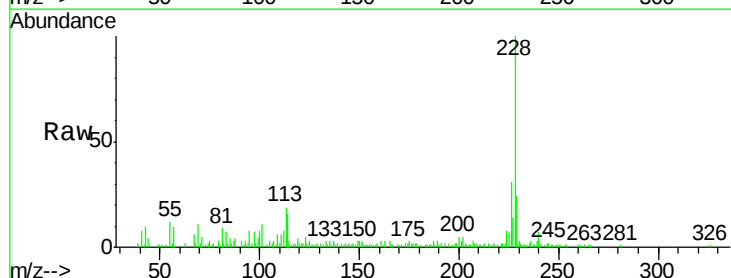
Manual Integrations
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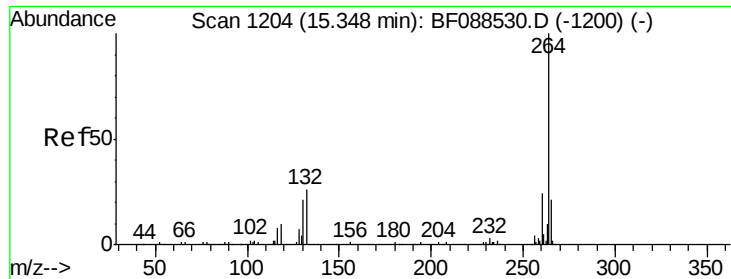
sohil
7/5/2016 7:31:21 PM



#82
Chrysene
Concen: 2.19 ng m
RT: 13.97 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BF088577.D
Acq: 1 Jul 2016 16:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.4	38.2
229	24.0	16.3	24.5





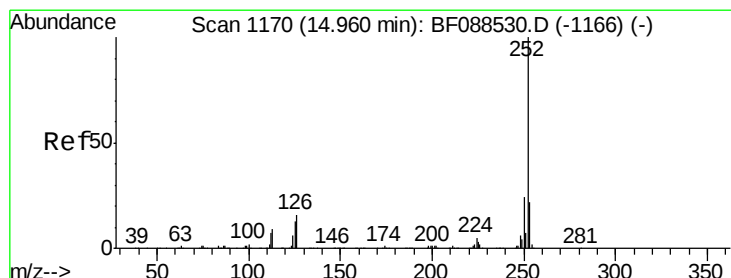
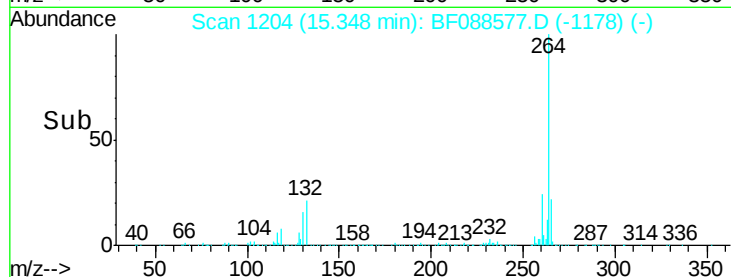
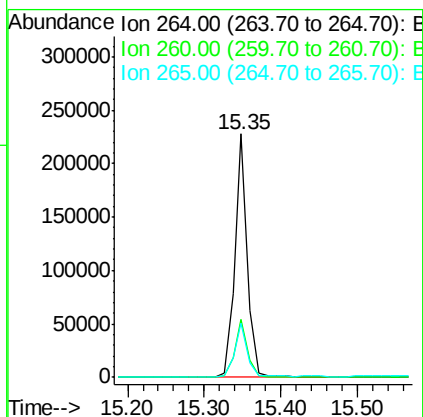
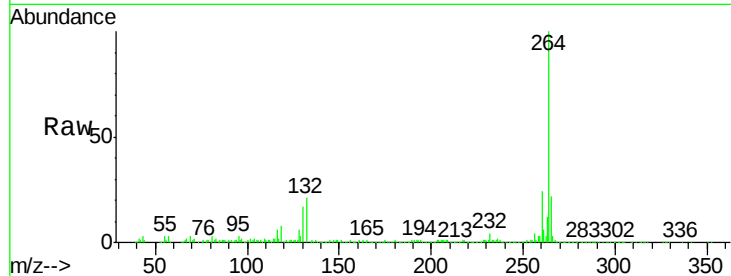
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF088577.D
Acq: 1 Jul 2016 16:18

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	260744		
260	23.9	19.2	28.8	
265	22.3	16.9	25.3	

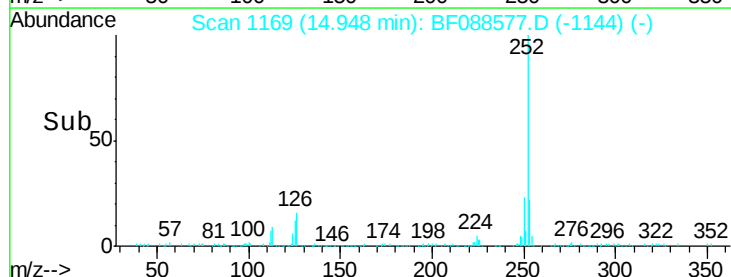
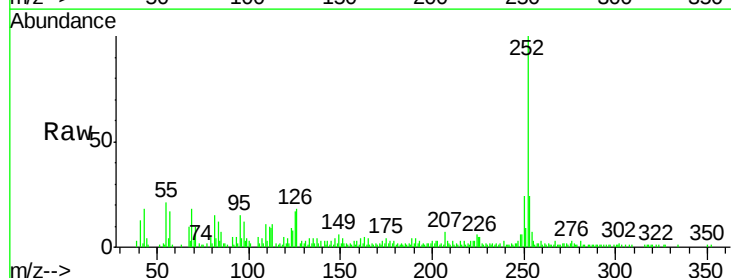
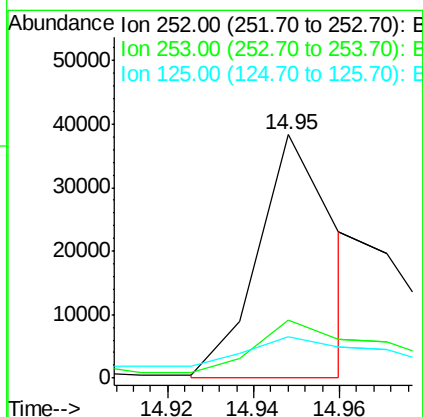
Manual Integrations
APPROVED

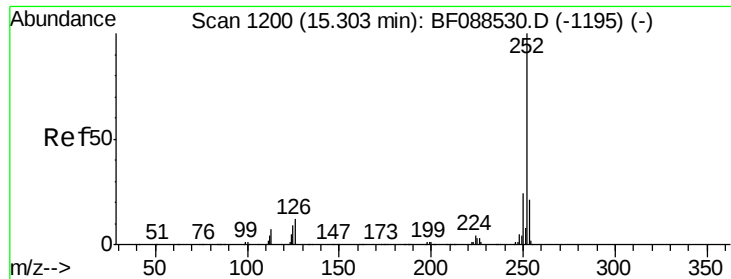
sohil
7/5/2016 7:31:21 PM



#87
Benzo(b)fluoranthene
Concen: 2.95 ng m
RT: 14.95 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF088577.D
Acq: 1 Jul 2016 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	48266		
253	24.1	17.4	26.2	
125	17.0	7.1	10.7	





#89

Benzo(a)pyrene

Concen: 2.36 ng

RT: 15.29 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BF088577.D

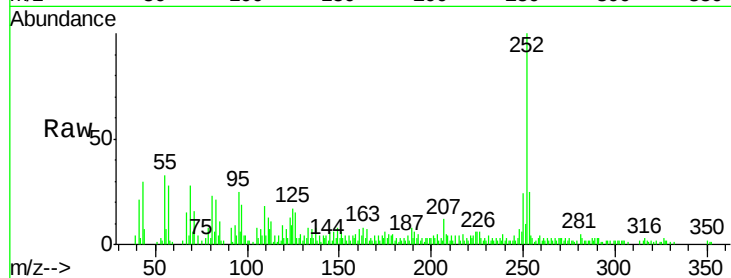
Acq: 1 Jul 2016 16:18

Instrument :

BNA_F

ClientSampleId :

SB-09-COMP



Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.9	26.9
125	17.4	12.5	18.7

Manual Integrations
APPROVED

sohil
7/5/2016 7:31:21 PM

