

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
 Data File : BF088572.D
 Acq On : 1 Jul 2016 13:52
 Operator : UM/SJ
 Sample : H3808-19 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-COMP

Manual Integrations
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Quant Time: Jul 01 14:43:46 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	147209	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	561781	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	245405	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	443029	20.00	ng	0.00
75) Chrysene-d12	13.94	240	278628	20.00	ng	-0.01
86) Perylene-d12	15.35	264	292128	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	203174	20.68	ng	-0.01
7) Phenol-d6	6.43	99	263284	20.74	ng	-0.01
23) Nitrobenzene-d5	7.36	82	144795	13.51	ng	-0.02
41) 2,4,6-Tribromophenol	10.63	330	44469	19.51	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	244293	15.72	ng	-0.01
78) Terphenyl-d14	12.90	244	175005	13.99	ng	-0.01
Target Compounds						Qvalue
48) Acenaphthylene	9.70	152	53290	2.10	ng	99
70) Phenanthrene	11.35	178	424648	17.53	ng	98
71) Anthracene	11.39	178	50688	2.10	ng	97
74) Fluoranthene	12.53	202	428532	17.45	ng	98
77) Pyrene	12.75	202	366211	15.50	ng	98
80) Benzo(a)anthracene	13.93	228	148988m	8.30	ng	
82) Chrysene	13.97	228	133466	7.52	ng	96
85) Indeno(1,2,3-cd)pyrene	16.69	276	87116	6.38	ng	# 100
87) Benzo(b)fluoranthene	14.95	252	179132m	9.78	ng	
88) Benzo(k)fluoranthene	14.96	252	85538m	5.36	ng	
89) Benzo(a)pyrene	15.29	252	132724m	8.55	ng	
91) Benzo(g,h,i)perylene	17.09	276	77186	5.76	ng	98

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

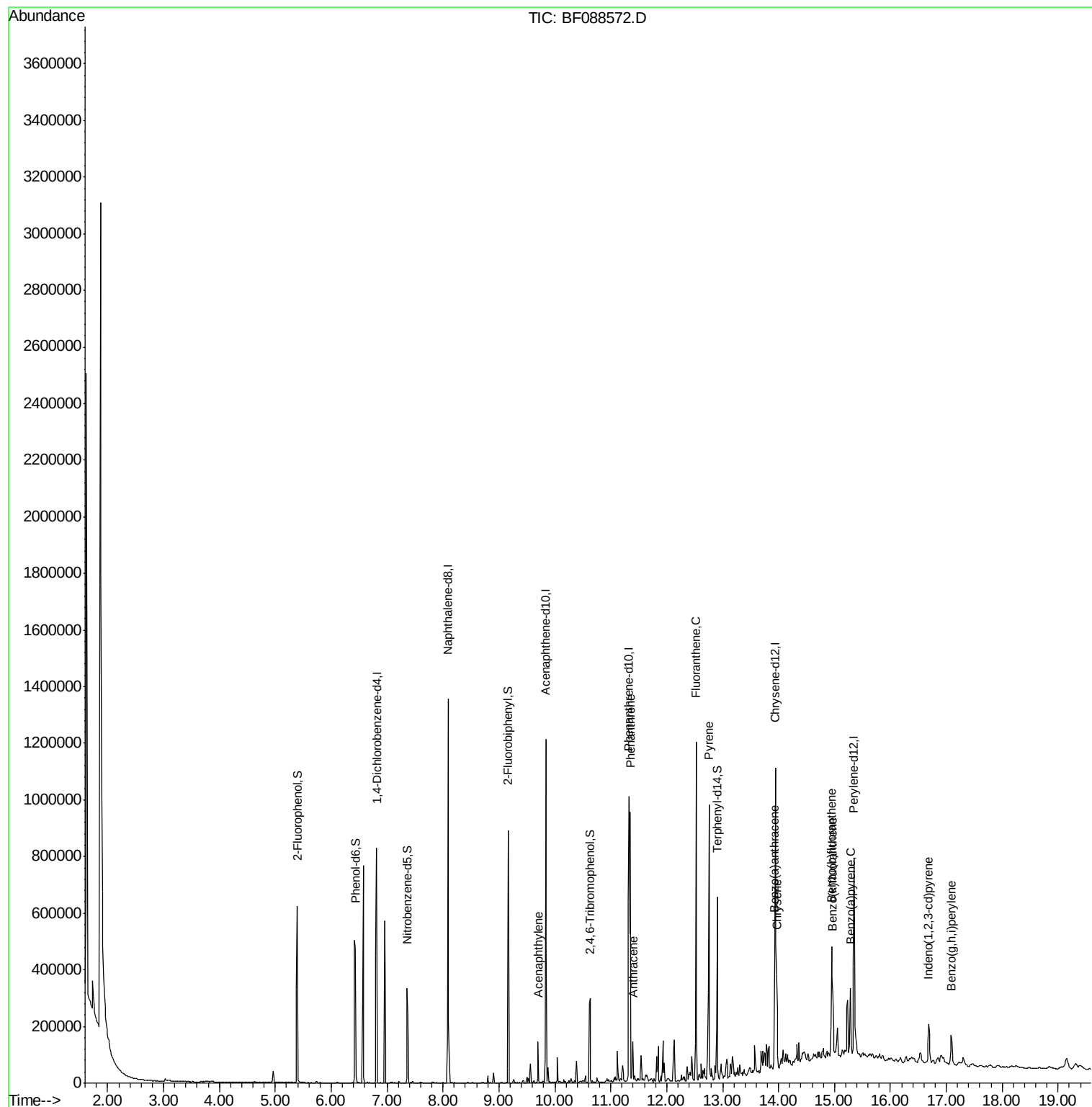
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088572.D
Acq On : 1 Jul 2016 13:52
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Sample : H3808-19 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

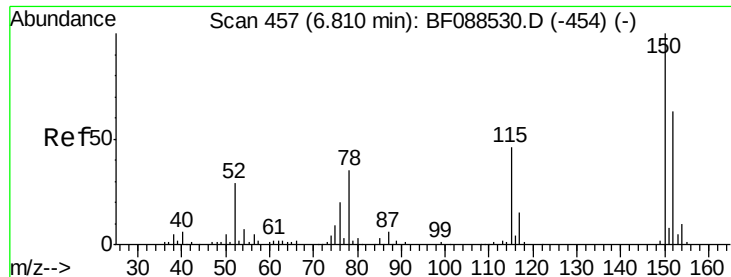
Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

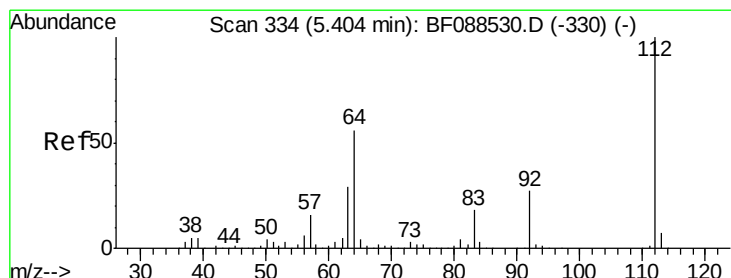
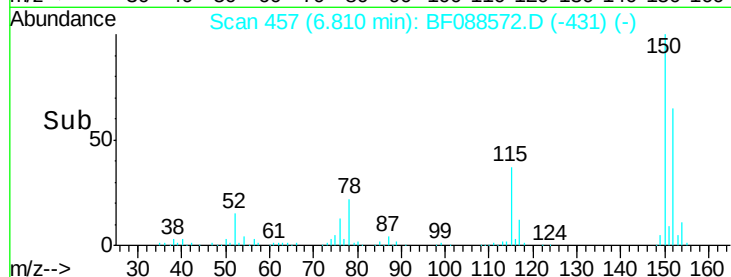
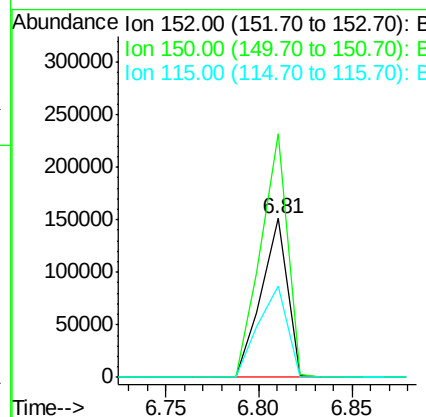
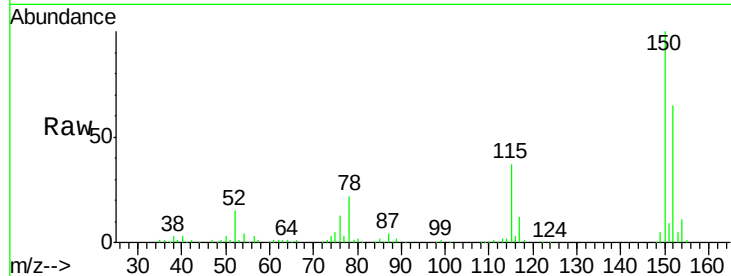
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF088572.D
Acq: 1 Jul 2016 13:52

Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.3	123.8	185.6
115	57.1	39.6	59.4

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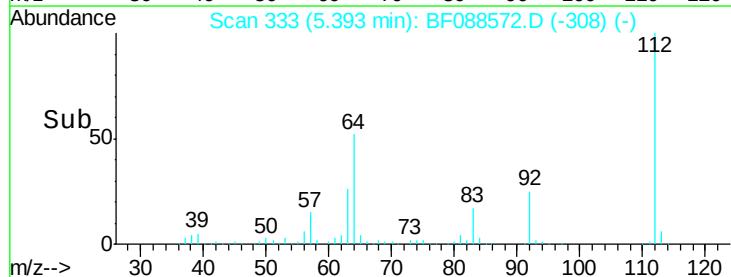
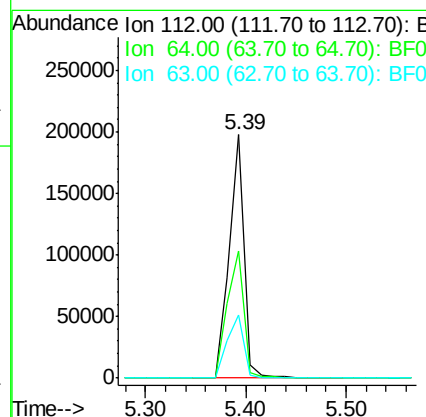
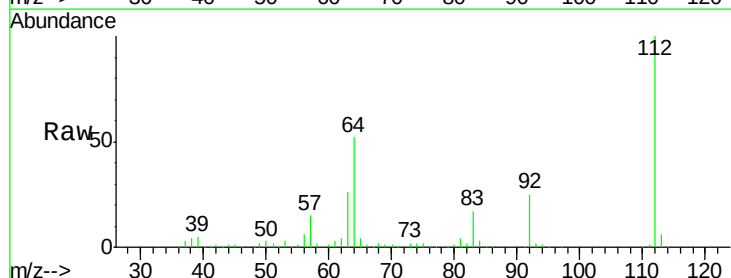
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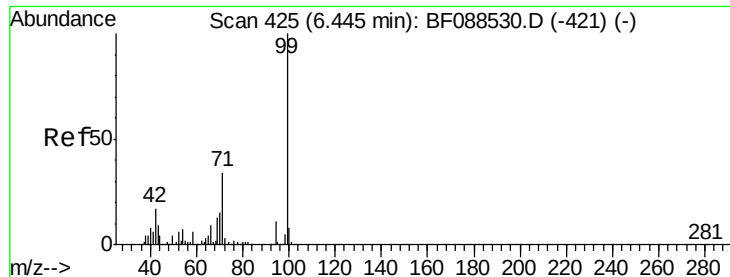


#5

2-Fluorophenol
Concen: 20.68 ng
RT: 5.39 min Scan# 333
Delta R.T. -0.01 min
Lab File: BF088572.D
Acq: 1 Jul 2016 13:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.0	42.2	63.2
63	25.9	21.8	32.8





#7

Phenol-d6

Concen: 20.74 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF088572.D

Acq: 1 Jul 2016 13:52

Instrument :

BNA_F

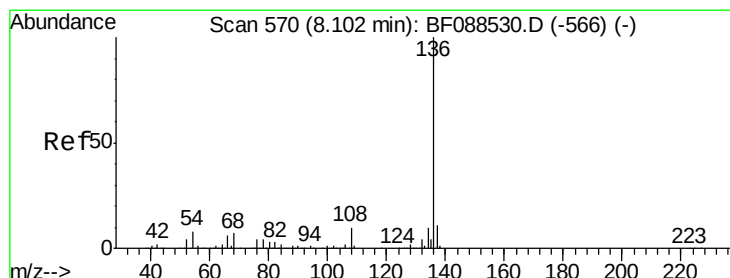
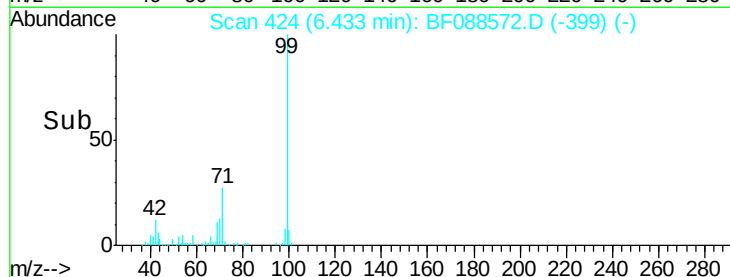
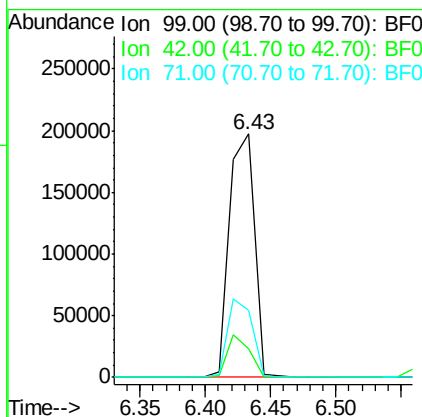
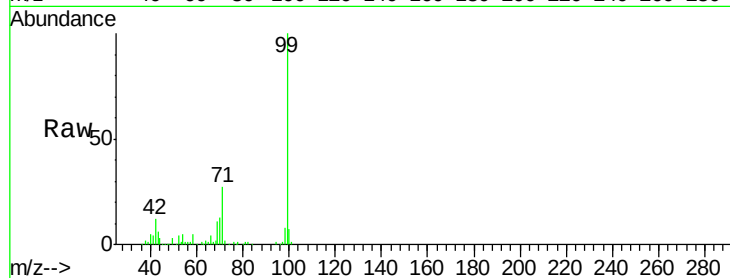
ClientSampleId :

SB-10-COMP

Tgt Ion:	99	Resp:	263284
Ion Ratio	Lower	Upper	
99	100		
42	11.8	12.2	18.2#
71	27.4	23.4	35.0

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#21

Naphthalene-d8

Concen: 20.00 ng

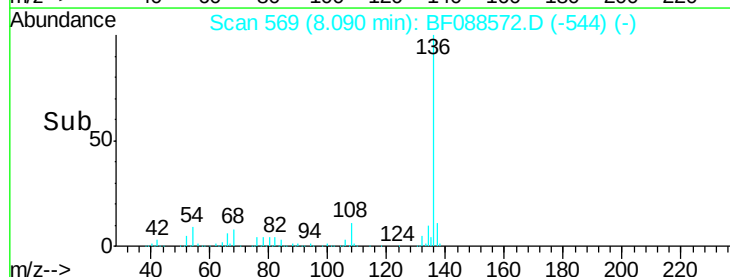
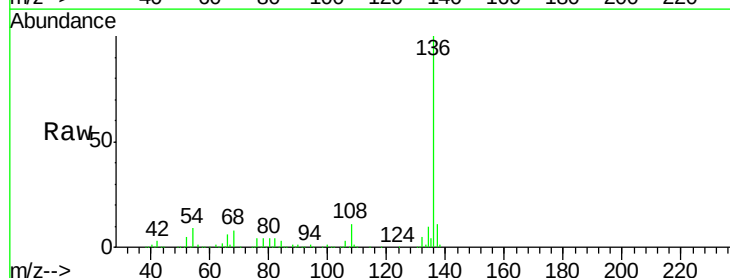
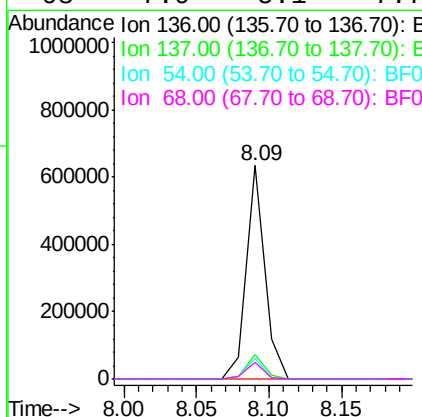
RT: 8.09 min Scan# 569

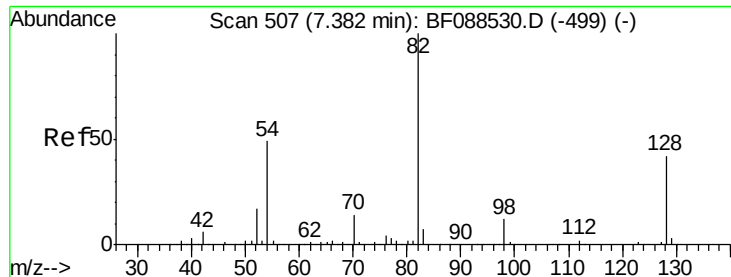
Delta R.T. -0.01 min

Lab File: BF088572.D

Acq: 1 Jul 2016 13:52

Tgt Ion:	136	Resp:	561781
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.1	13.7
54	9.3	6.6	10.0
68	7.9	5.1	7.7#





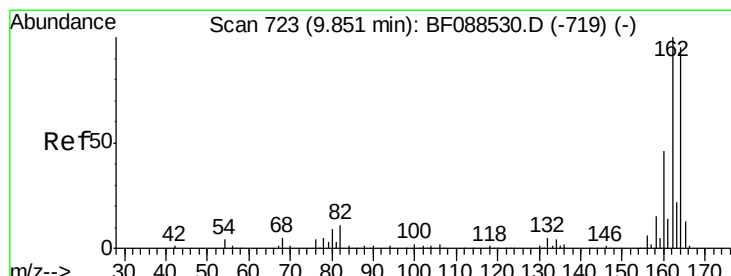
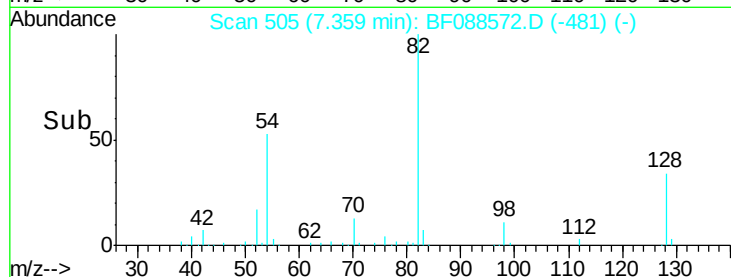
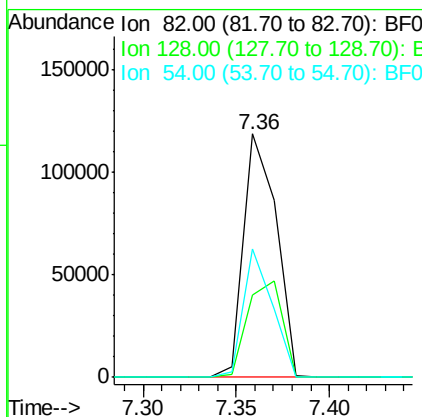
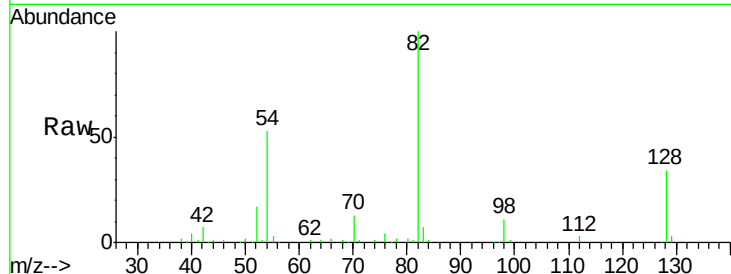
#23
 Nitrobenzene-d5
 Concen: 13.51 ng
 RT: 7.36 min Scan# 505
 Delta R.T. -0.02 min
 Lab File: BF088572.D
 Acq: 1 Jul 2016 13:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-COMP

Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.9	35.9	53.9#
54	52.7	40.9	61.3

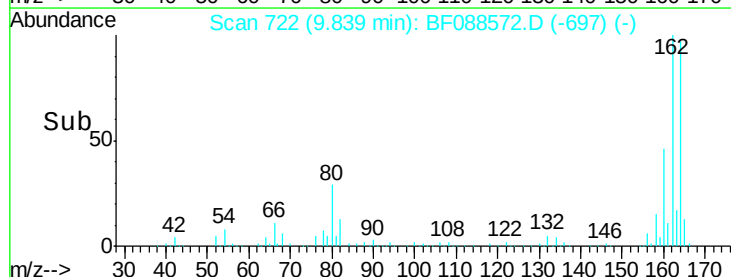
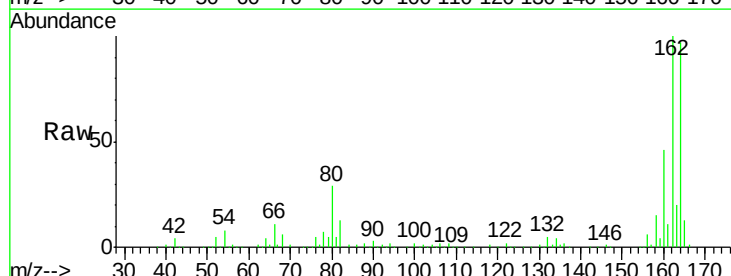
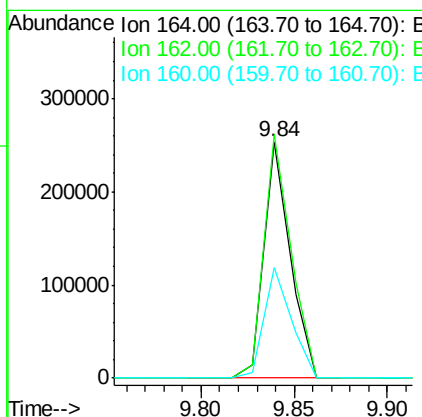
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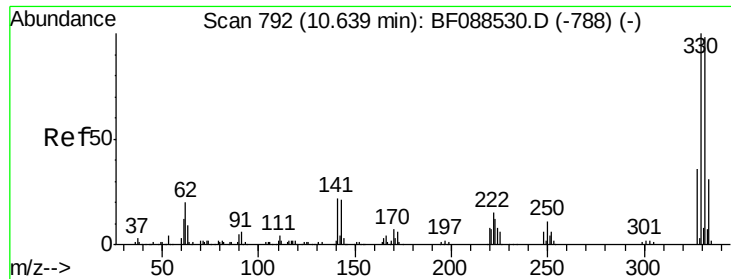
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF088572.D
 Acq: 1 Jul 2016 13:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	85.4	128.2
160	47.0	39.5	59.3





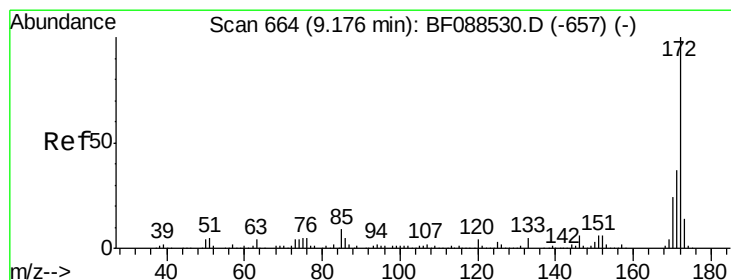
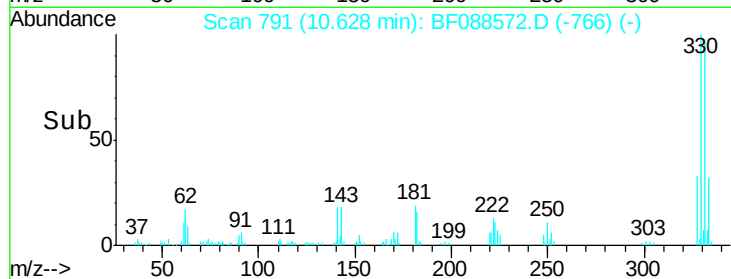
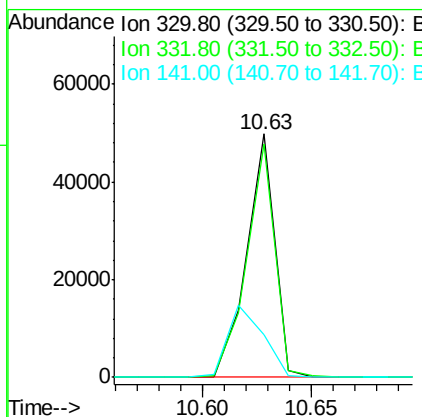
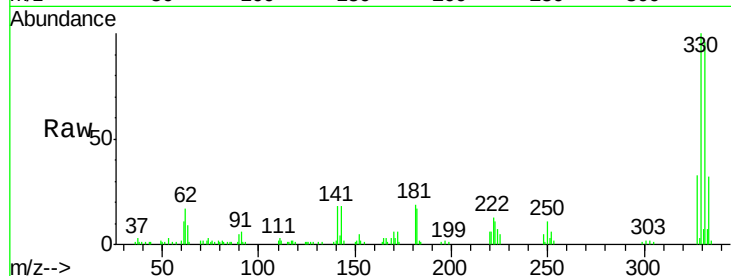
#41
 2,4,6-Tribromophenol
 Concen: 19.51 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF088572.D
 Acq: 1 Jul 2016 13:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-COMP

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	97.3	0.0	0.0#
141	37.9	0.0	0.0#

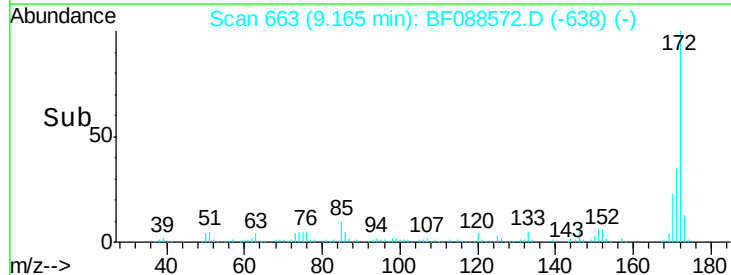
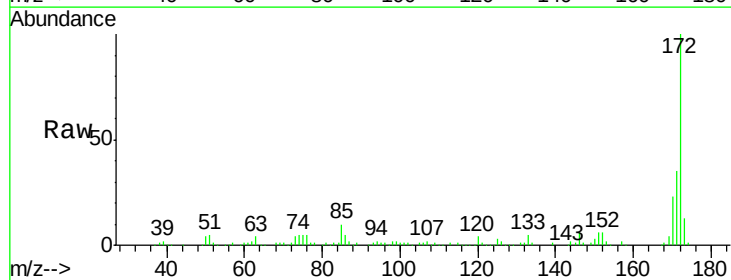
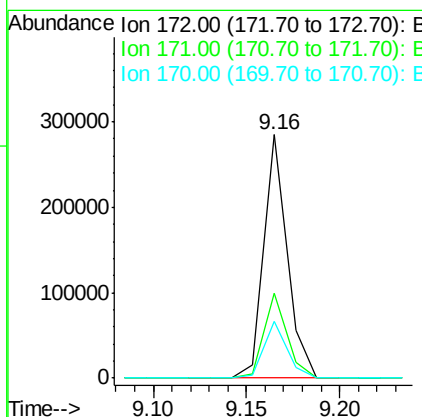
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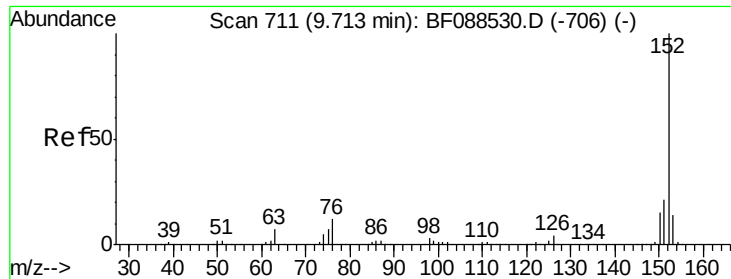
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#44
 2-Fluorobiphenyl
 Concen: 15.72 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF088572.D
 Acq: 1 Jul 2016 13:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	34.7	28.6	43.0
170	23.5	19.2	28.8





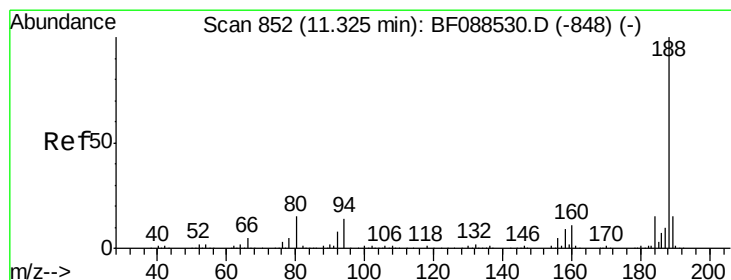
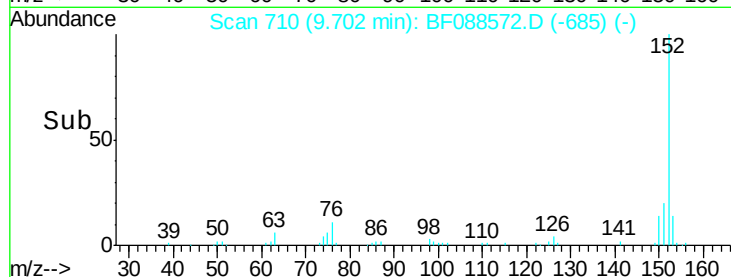
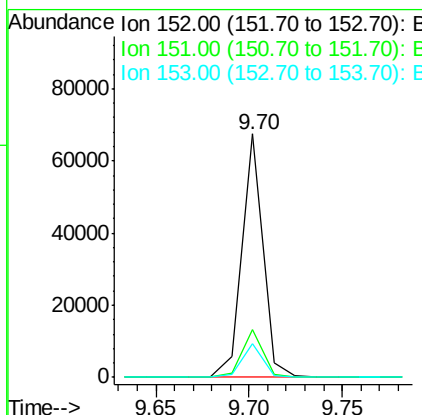
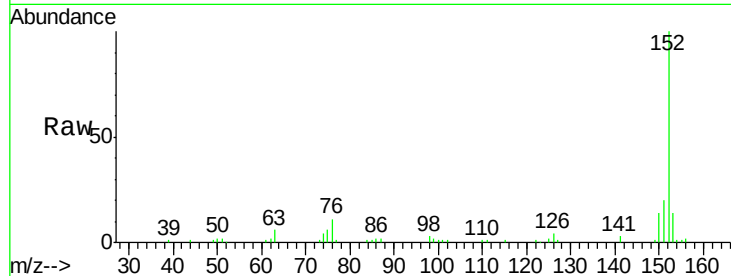
#48
Acenaphthylene
Concen: 2.10 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF088572.D
Acq: 1 Jul 2016 13:52

Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.4
153	13.9	11.0	16.6

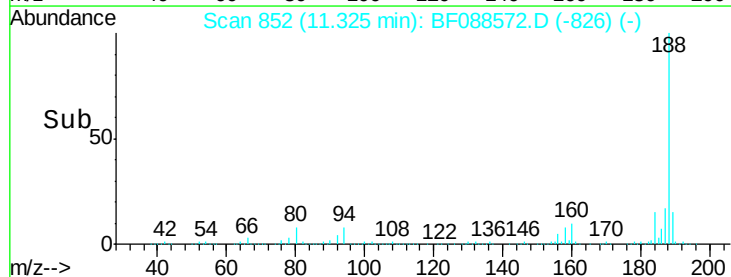
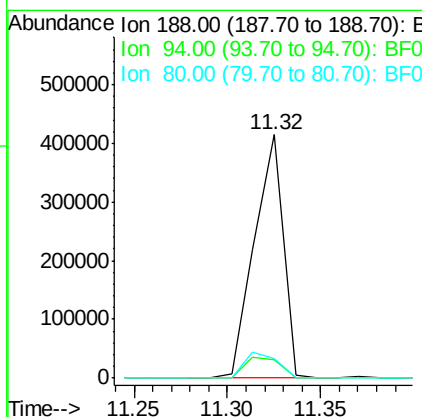
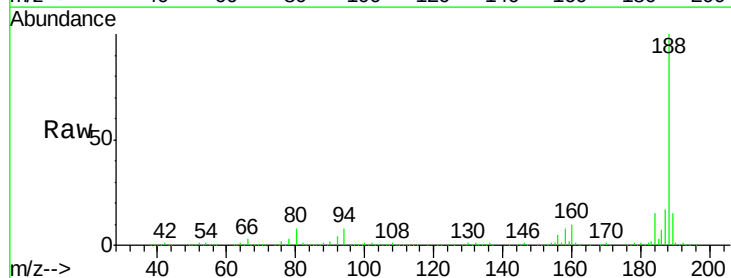
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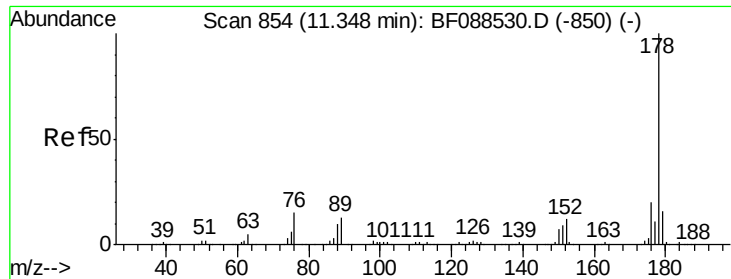
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF088572.D
Acq: 1 Jul 2016 13:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	9.0	13.6#
80	7.9	10.0	15.0#





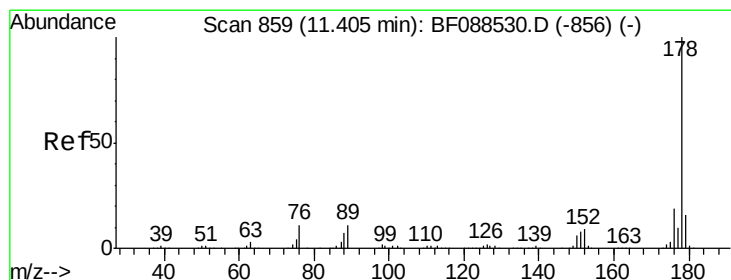
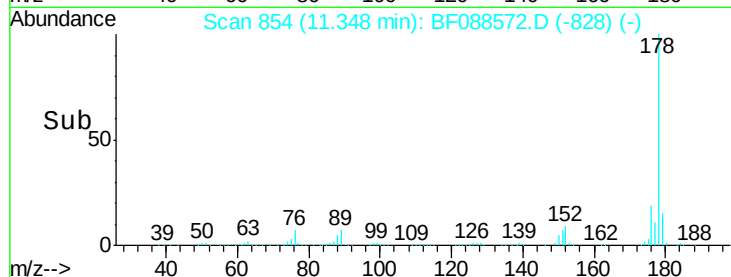
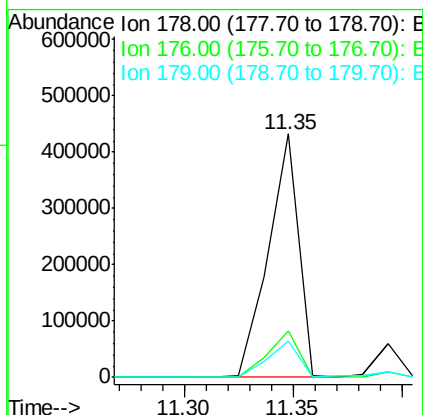
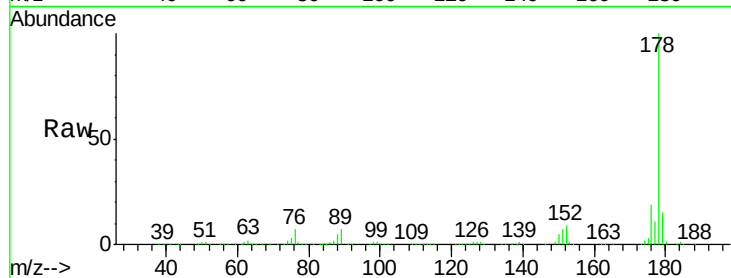
#70
Phenanthrene
Concen: 17.53 ng
RT: 11.35 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF088572.D
Acq: 1 Jul 2016 13:52

Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.6
179	15.0	13.0	19.4

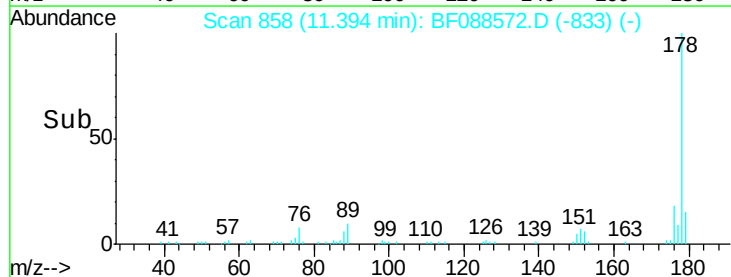
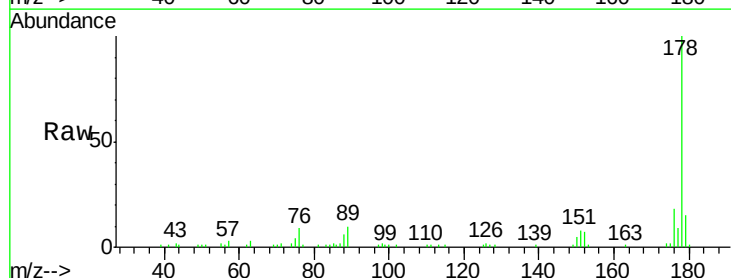
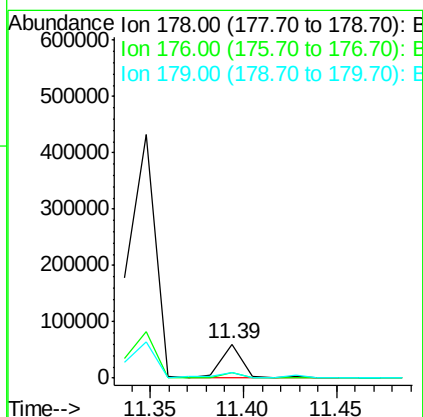
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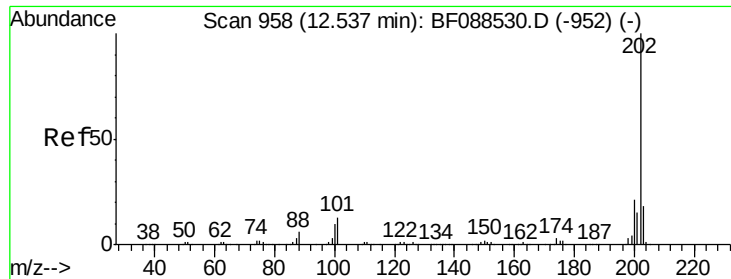
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#71
Anthracene
Concen: 2.10 ng
RT: 11.39 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF088572.D
Acq: 1 Jul 2016 13:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.6	23.4
179	14.8	12.8	19.2





#74

Fluoranthene

Concen: 17.45 ng

RT: 12.53 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF088572.D

Acq: 1 Jul 2016 13:52

Instrument :

BNA_F

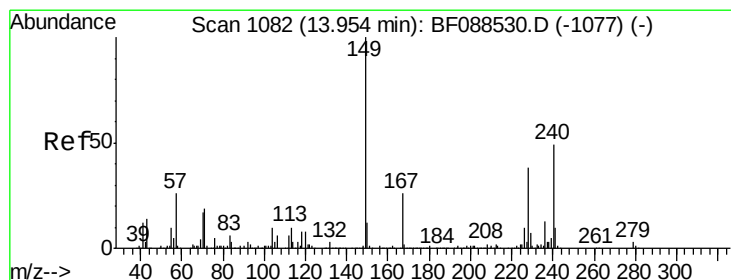
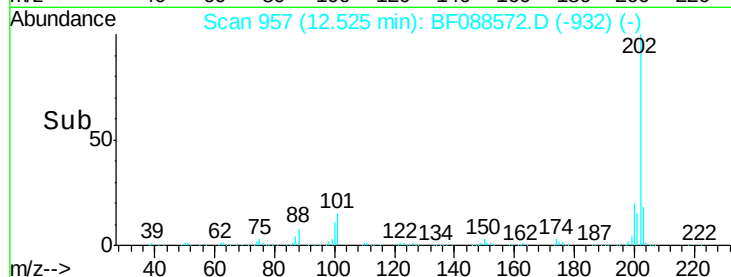
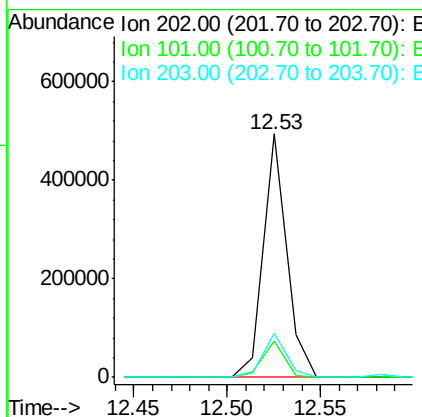
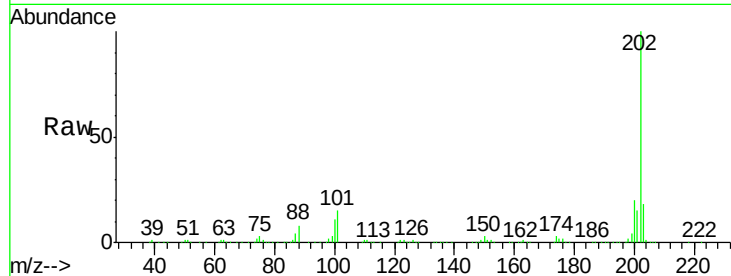
ClientSampleId :

SB-10-COMP

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.1	0.0	33.1
203	18.0	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

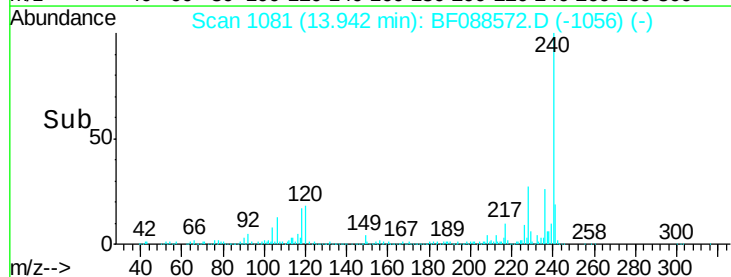
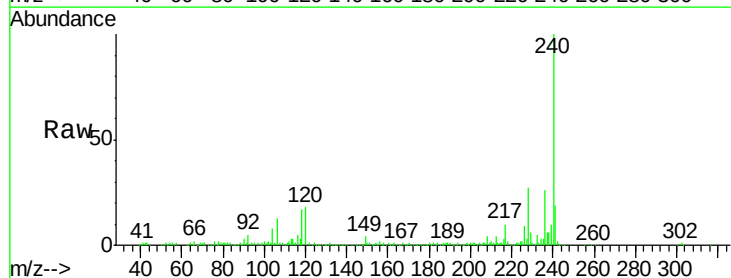
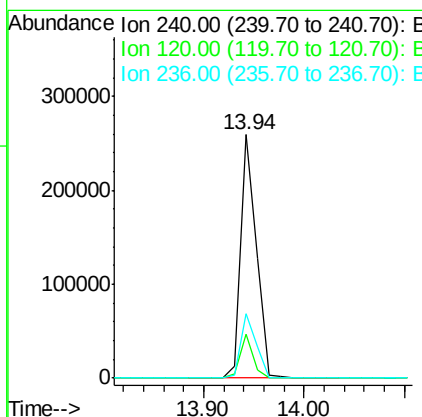
RT: 13.94 min Scan# 1081

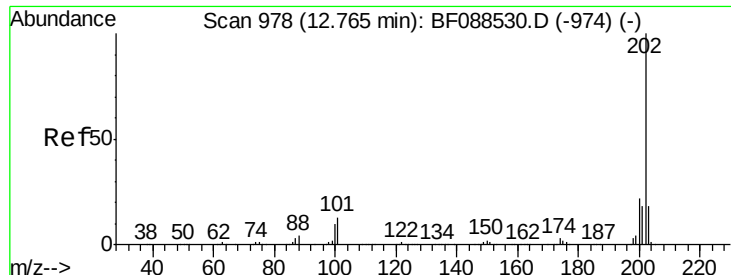
Delta R.T. -0.01 min

Lab File: BF088572.D

Acq: 1 Jul 2016 13:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	18.2	6.8	10.2#
236	26.3	20.2	30.2





#77

Pyrene

Concen: 15.50 ng

RT: 12.75 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF088572.D

Acq: 1 Jul 2016 13:52

Instrument :

BNA_F

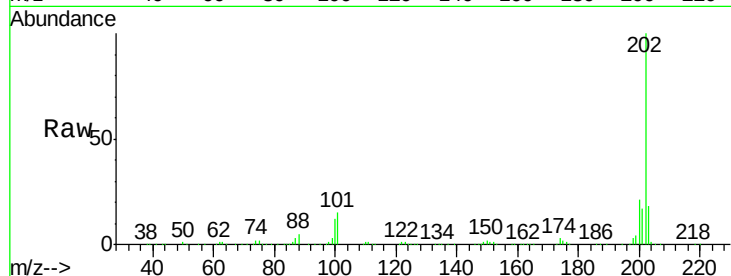
ClientSampleId :

SB-10-COMP

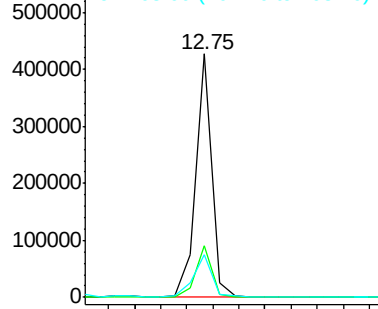
Tgt	Ion	202	Resp:	366211
Ion	Ratio	Lower	Upper	
202	100			
200	20.9	17.4	26.2	
203	17.6	14.5	21.7	

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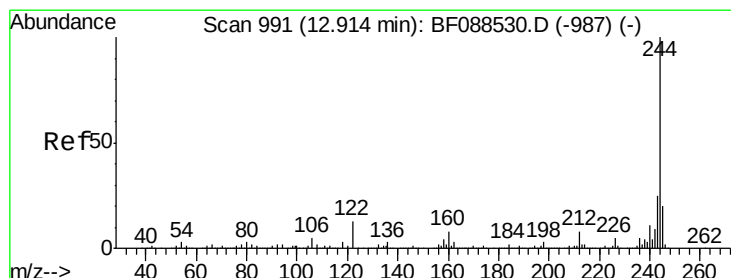
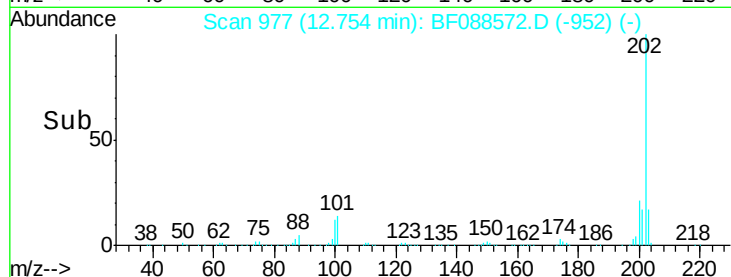
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 13.99 ng

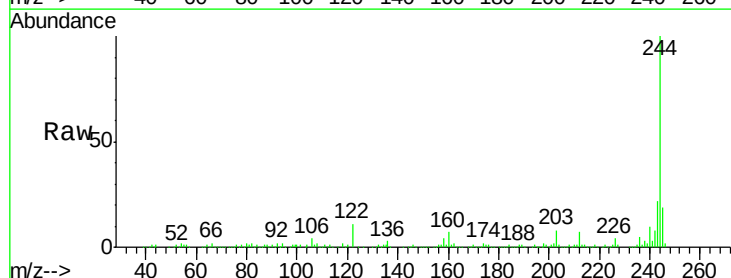
RT: 12.90 min Scan# 990

Delta R.T. -0.01 min

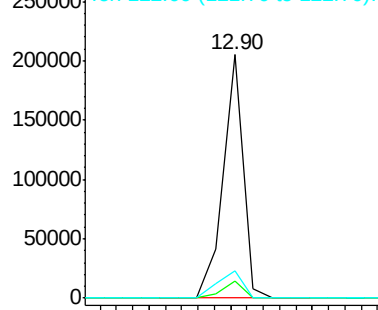
Lab File: BF088572.D

Acq: 1 Jul 2016 13:52

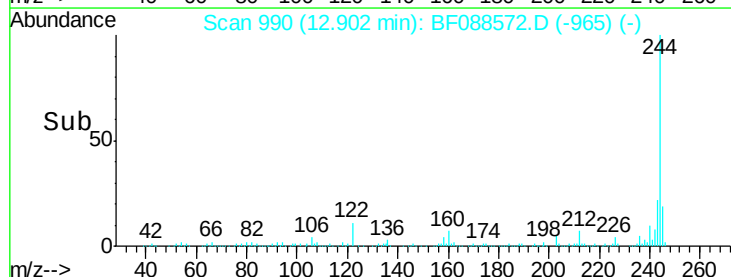
Tgt	Ion	244	Resp:	175005
Ion	Ratio	Lower	Upper	
244	100			
212	6.8	6.0	9.0	
122	11.3	11.2	16.8	

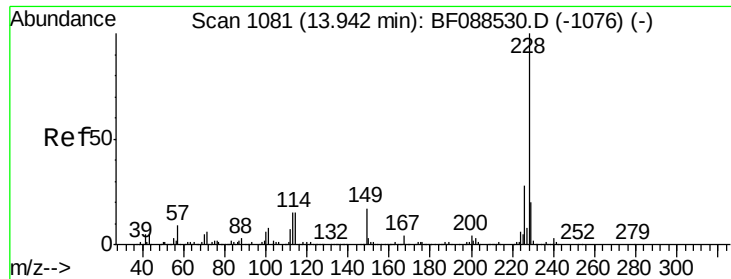


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





#80

Benzo(a)anthracene

Concen: 8.30 ng m

RT: 13.93 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BF088572.D

Acq: 1 Jul 2016 13:52

Instrument :

BNA_F

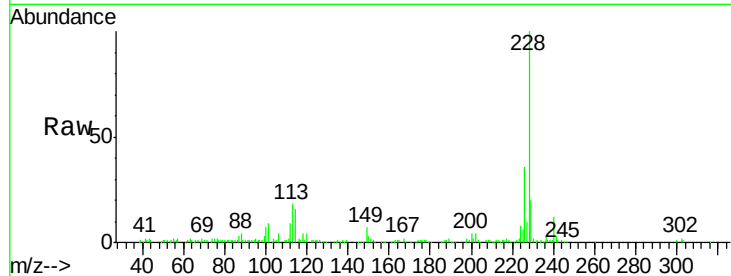
ClientSampleId :

SB-10-COMP

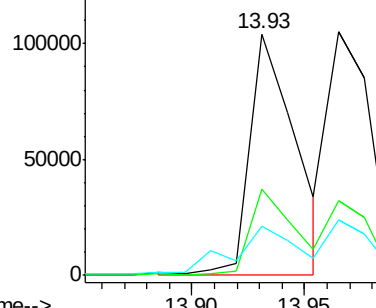
Tgt Ion:	228	Resp:	148988
Ion Ratio		Lower	Upper
228	100		
226	35.6	22.3	33.5#
229	20.5	16.0	24.0

Manual Integrations
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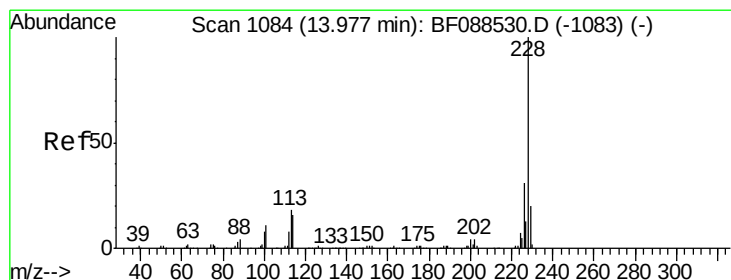
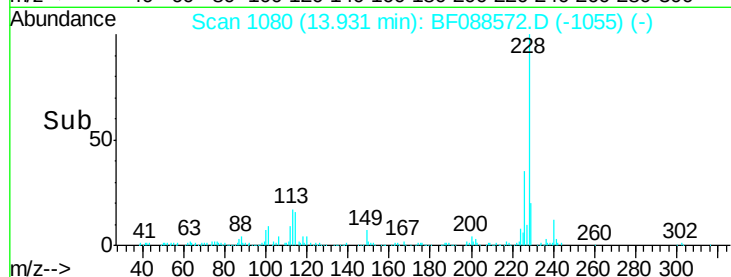
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time-->



#82

Chrysene

Concen: 7.52 ng

RT: 13.97 min Scan# 1083

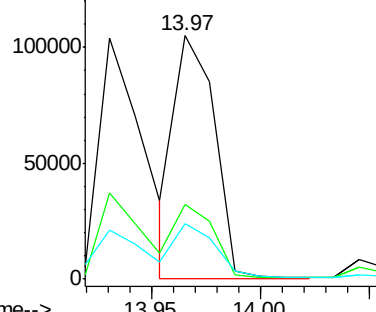
Delta R.T. -0.01 min

Lab File: BF088572.D

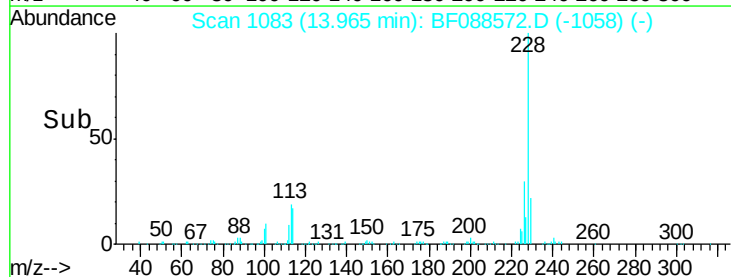
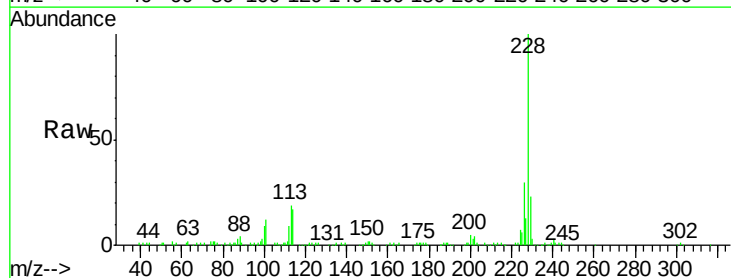
Acq: 1 Jul 2016 13:52

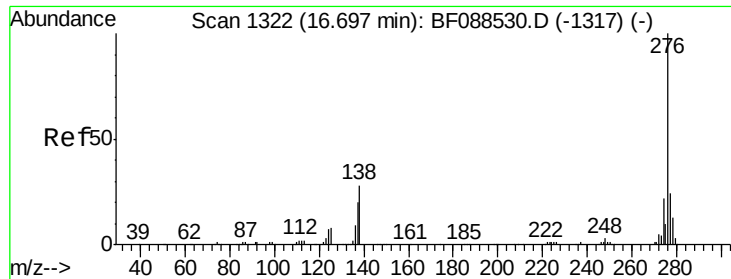
Tgt Ion:	228	Resp:	133466
Ion Ratio		Lower	Upper
228	100		
226	30.5	25.4	38.2
229	22.8	16.3	24.5

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time-->





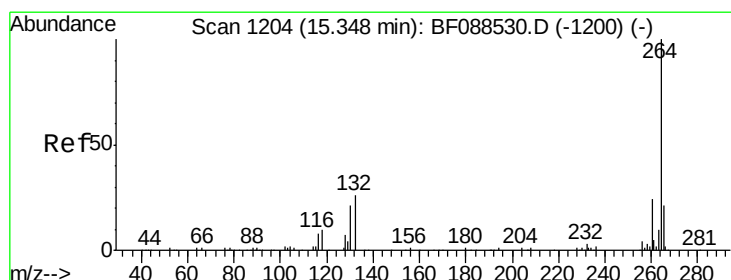
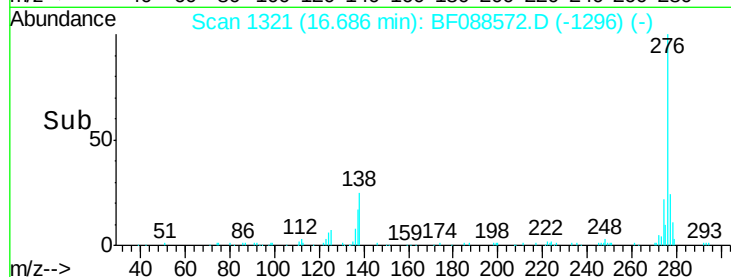
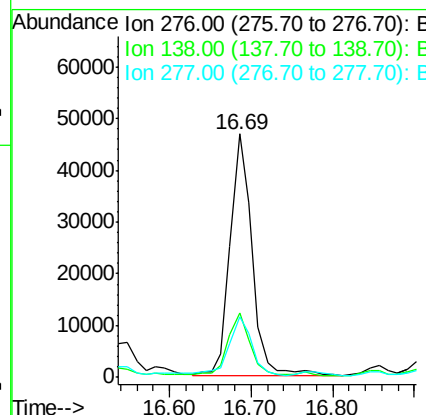
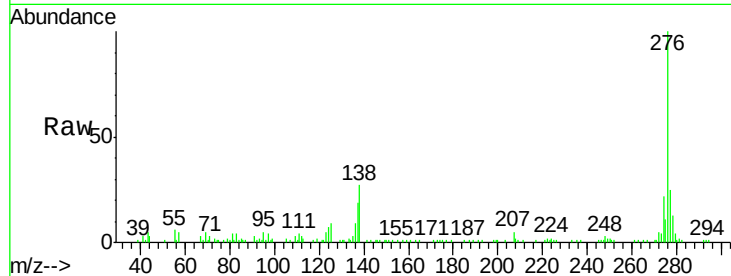
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 6.38 ng
 RT: 16.69 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF088572.D
 Acq: 1 Jul 2016 13:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-COMP

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	26.1	0.0	0.0#
277	25.4	0.0	0.0#

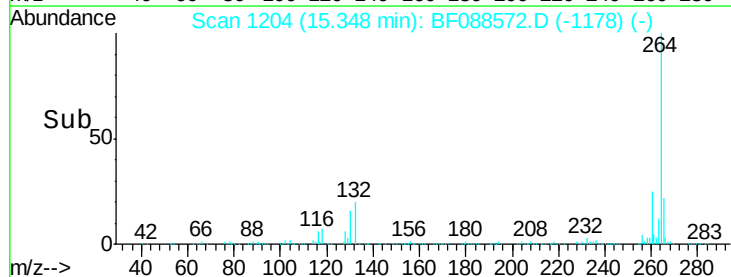
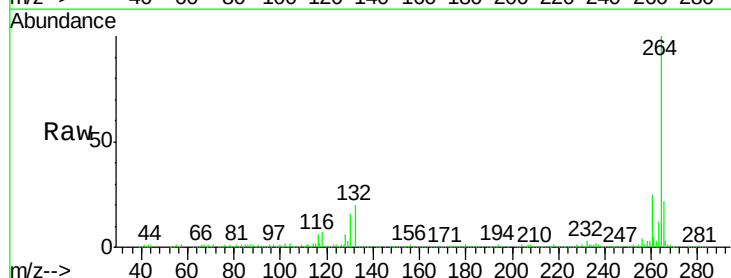
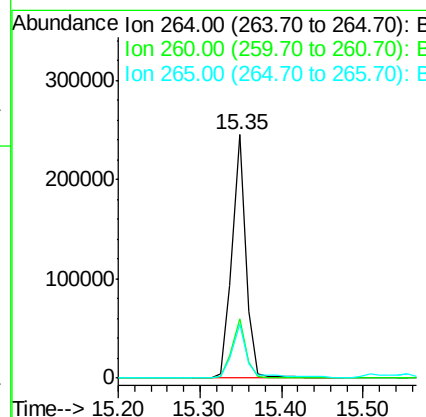
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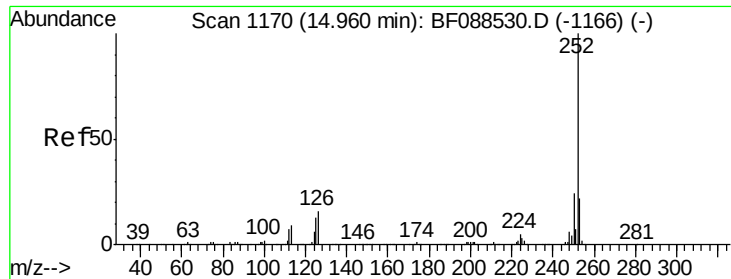
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF088572.D
 Acq: 1 Jul 2016 13:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.6	19.2	28.8
265	22.0	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 9.78 ng m

RT: 14.95 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF088572.D

Acq: 1 Jul 2016 13:52

Instrument :

BNA_F

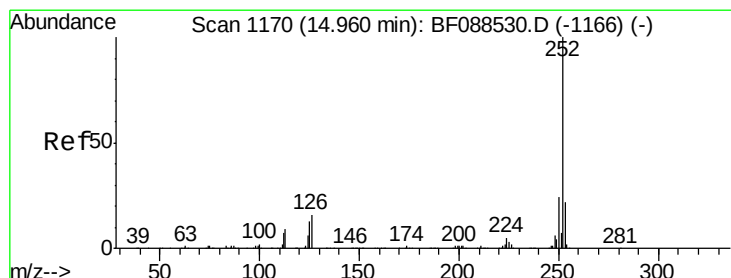
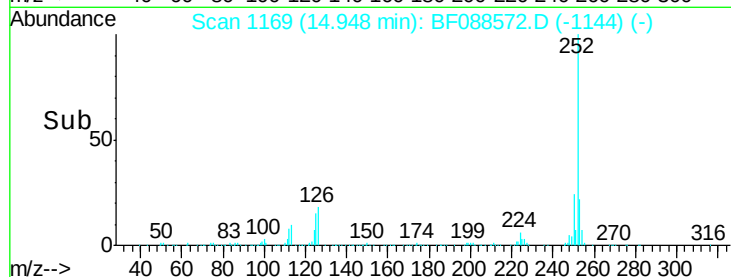
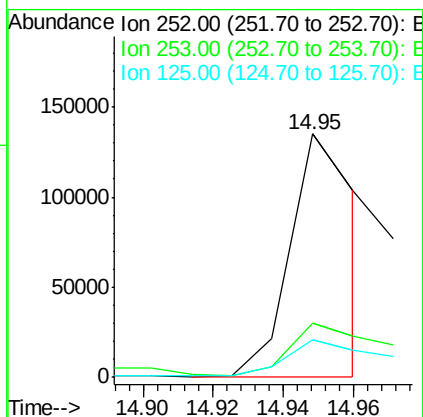
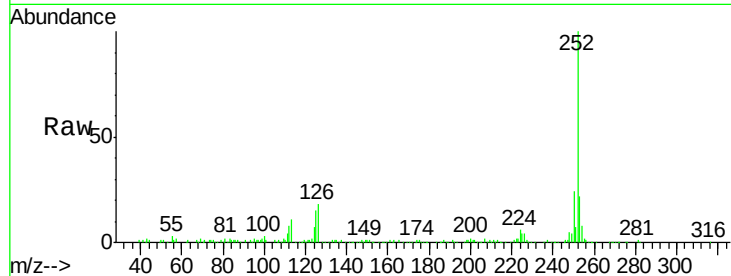
ClientSampleId :

SB-10-COMP

Tgt Ion:	252	Resp:	179132
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.4	26.2
125	15.2	7.1	10.7#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 5.36 ng m

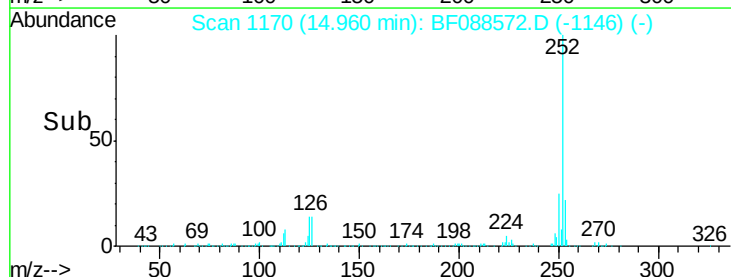
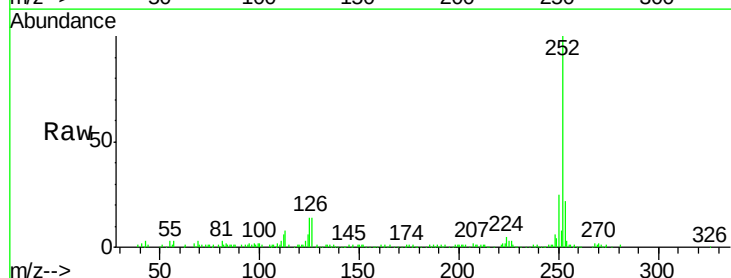
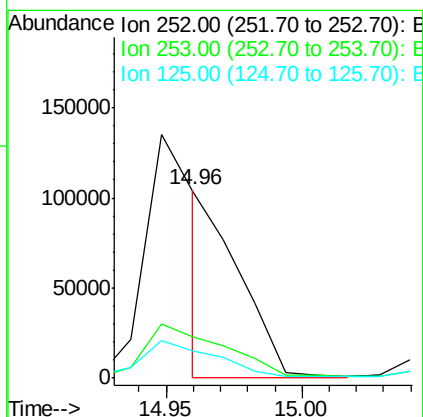
RT: 14.96 min Scan# 1170

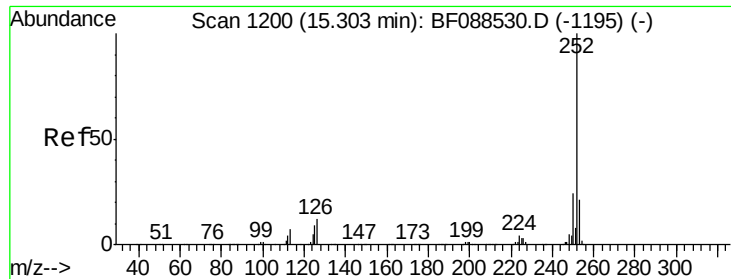
Delta R.T. -0.02 min

Lab File: BF088572.D

Acq: 1 Jul 2016 13:52

Tgt Ion:	252	Resp:	85538
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.0	27.0
125	14.3	11.2	16.8





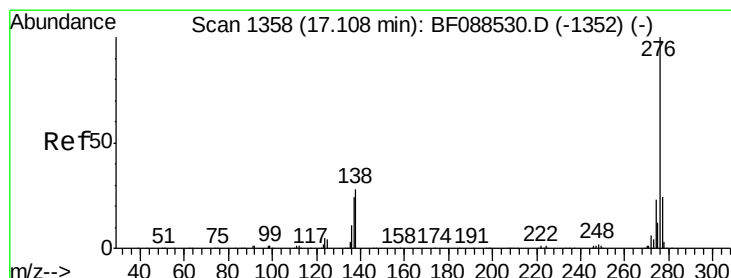
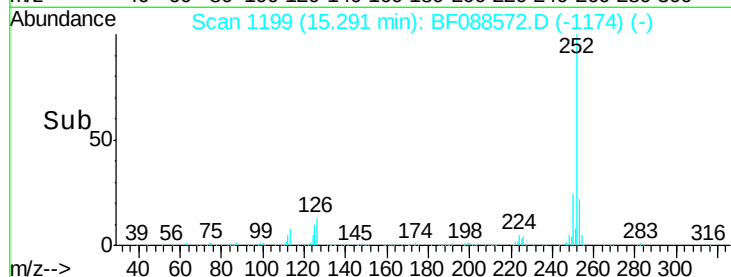
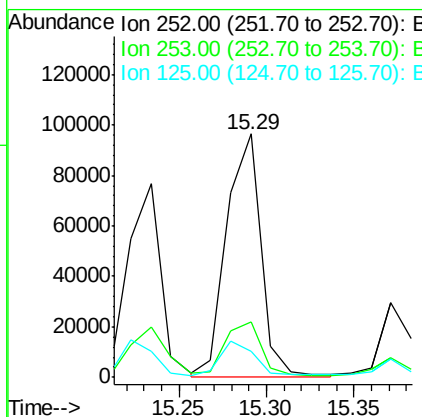
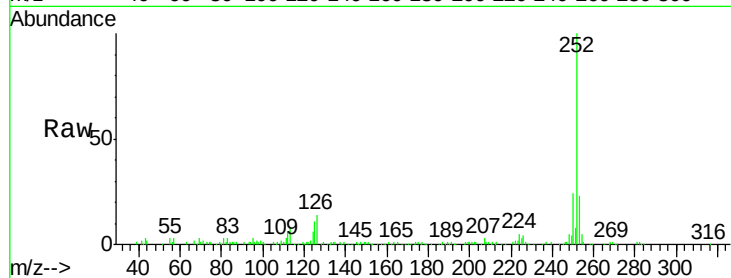
#89
Benzo(a)pyrene
Concen: 8.55 ng m
RT: 15.29 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF088572.D
Acq: 1 Jul 2016 13:52

Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	10.8	12.5	18.7#

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#91
Benzo(g,h,i)perylene
Concen: 5.76 ng
RT: 17.09 min Scan# 1356
Delta R.T. -0.02 min
Lab File: BF088572.D
Acq: 1 Jul 2016 13:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.9	28.3
138	29.0	21.4	32.2

