

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092524.D
 Acq On : 26 Jan 2017 14:32
 Operator : SJ/MA
 Sample : I1312-01 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CAS-SB-01-0-2

Manual Integrations
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 1/27/2017 3:02:26 PM

Quant Time: Jan 27 08:16:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	140223	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	498550	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	248495	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	376274	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	274432	20.00	ng	-0.01
86) Perylene-d12	15.65	264	205733	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	552225	61.27	ng	0.01
7) Phenol-d6	6.59	99	700032	60.98	ng	0.00
23) Nitrobenzene-d5	7.53	82	352430	38.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	95654	56.49	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	572846	42.63	ng	-0.01
78) Terphenyl-d14	13.11	244	460281	44.66	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	40049	2.89	ng	# 67
49) Dimethylphthalate	9.74	163	38996	2.47	ng	# 98
70) Phenanthrene	11.54	178	61316	2.96	ng	99
74) Fluoranthene	12.73	202	126481	6.24	ng	99
77) Pyrene	12.96	202	115546	5.81	ng	99
80) Benzo(a)anthracene	14.15	228	47285m	3.21	ng	
82) Chrysene	14.18	228	42695m	2.71	ng	
85) Indeno(1,2,3-cd)pyrene	17.14	276	24290	2.08	ng	# 88
87) Benzo(b)fluoranthene	15.22	252	63810m	4.83	ng	
91) Benzo(g,h,i)perylene	17.60	276	24470	2.68	ng	# 62

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

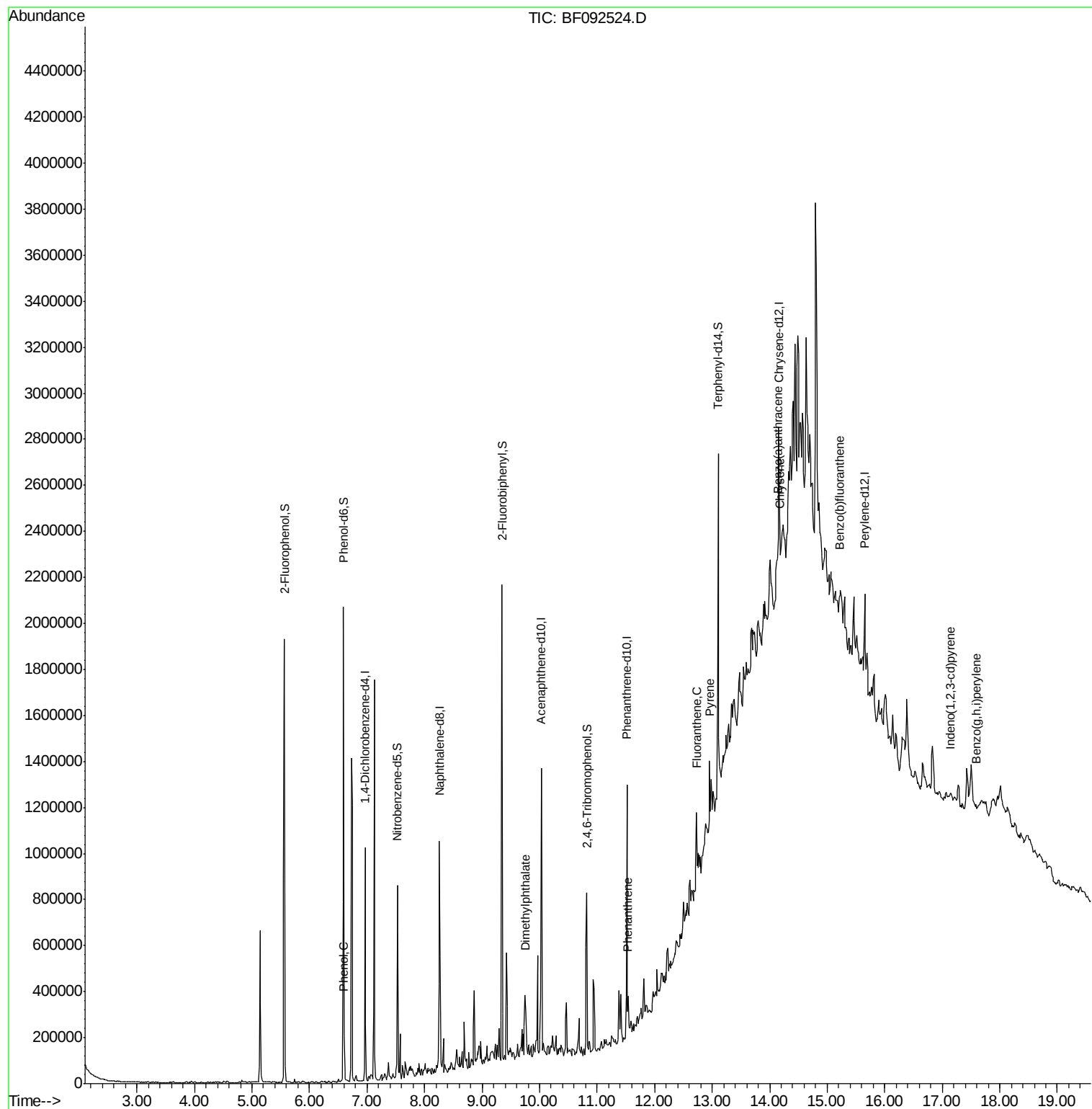
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092524.D
Acq On : 26 Jan 2017 14:32
Operator : SJ/MA
Sample : I1312-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

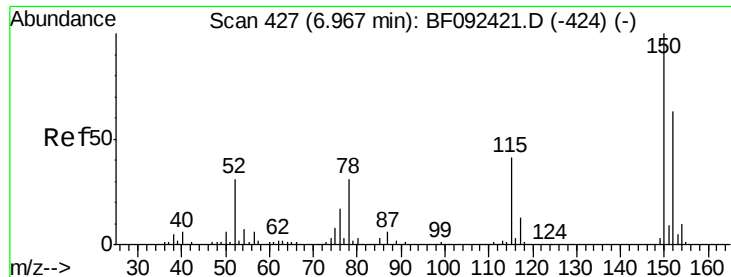
Instrument :
BNA_F
ClientSampleId :
CAS-SB-01-0-2

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#1

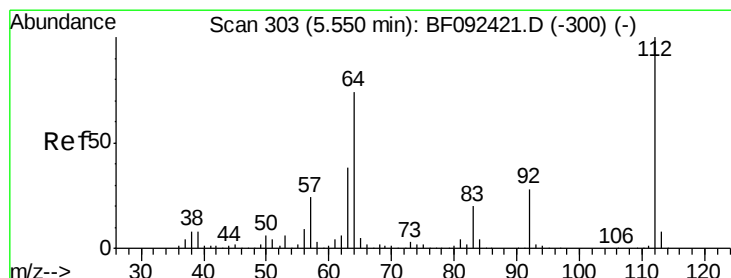
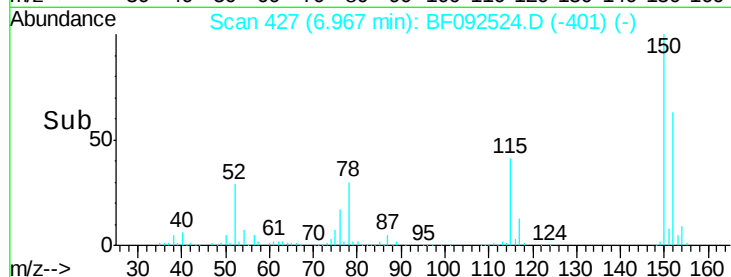
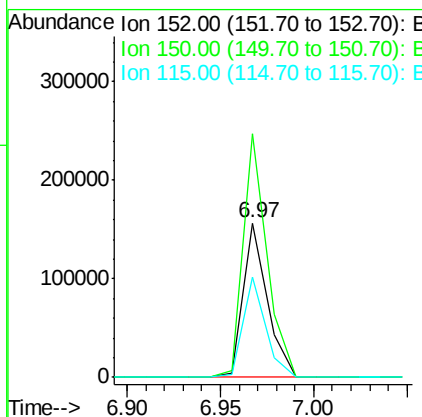
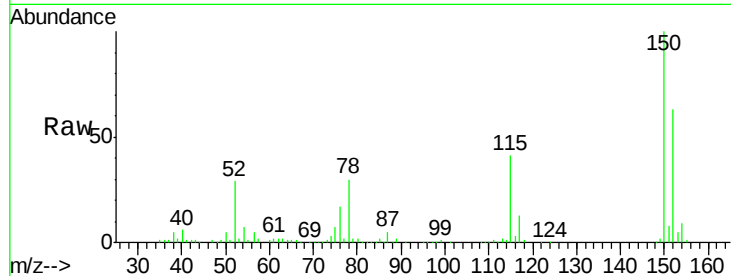
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF092524.D
Acq: 26 Jan 2017 14:32

Instrument :
BNA_F
ClientSampleId :
CAS-SB-01-0-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.9	187.3
115	64.8	46.0	69.0

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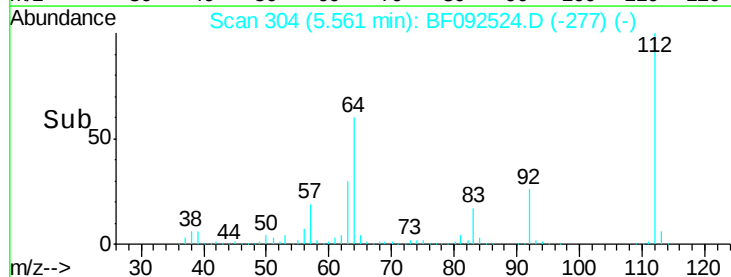
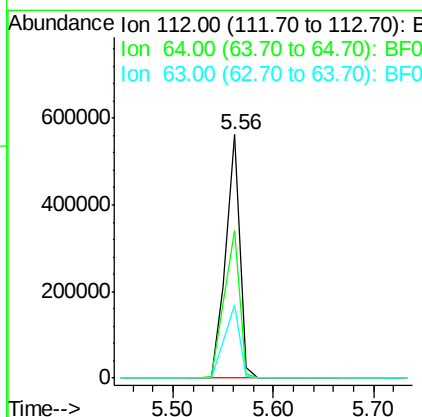
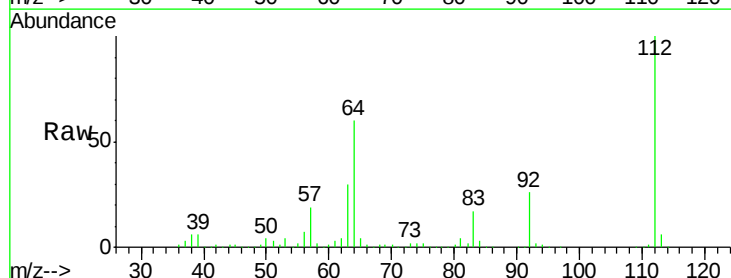
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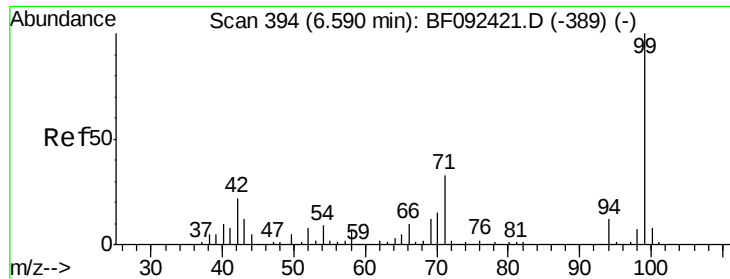


#5

2-Fluorophenol
Concen: 61.27 ng
RT: 5.56 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF092524.D
Acq: 26 Jan 2017 14:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	46.1	69.1
63	30.1	23.8	35.6





#7

Phenol-d6

Concen: 60.98 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092524.D

Acq: 26 Jan 2017 14:32

Instrument :

BNA_F

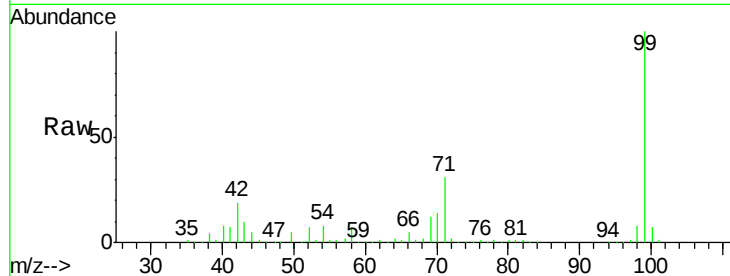
ClientSampleId :

CAS-SB-01-0-2

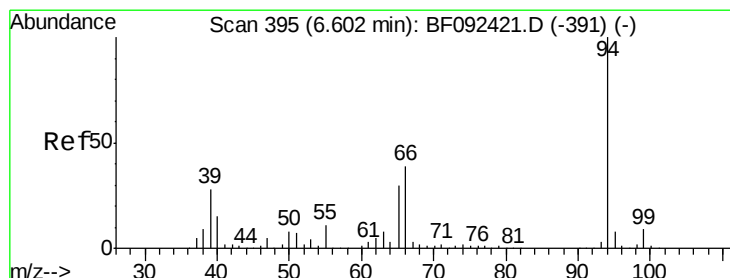
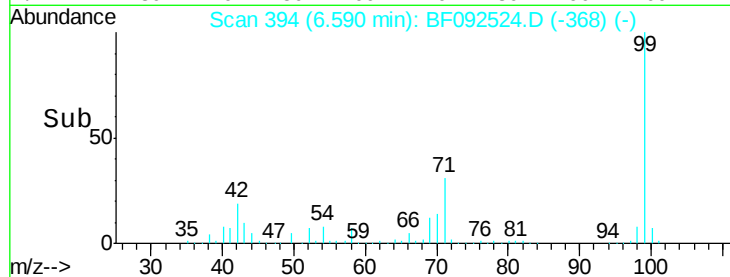
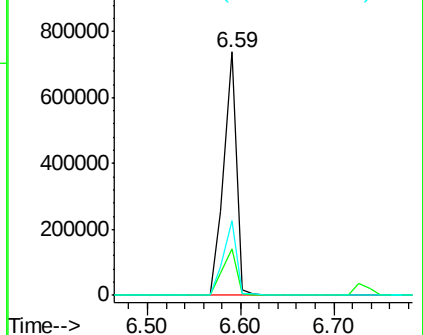
Tot Ion:	99	Resp:	700032
Ion Ratio	Lower	Upper	
99	100		
42	19.0	15.6	23.4
71	30.6	27.5	41.3

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.89 ng

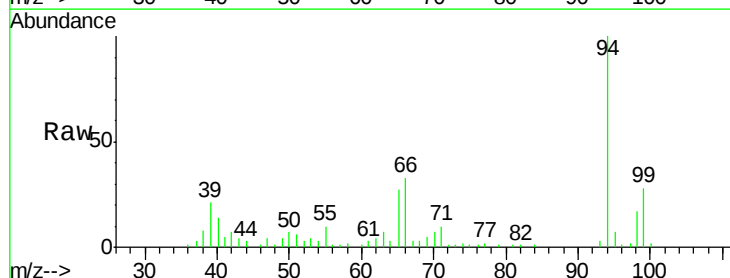
RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

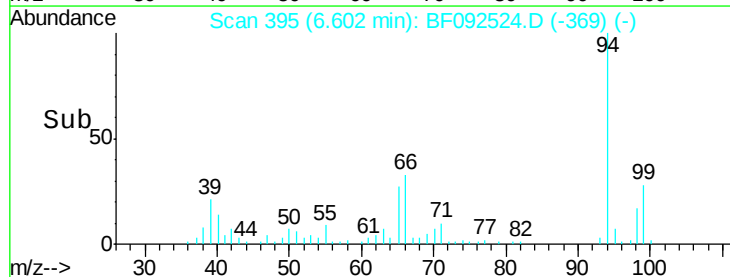
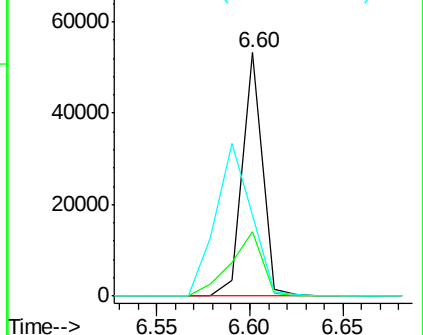
Lab File: BF092524.D

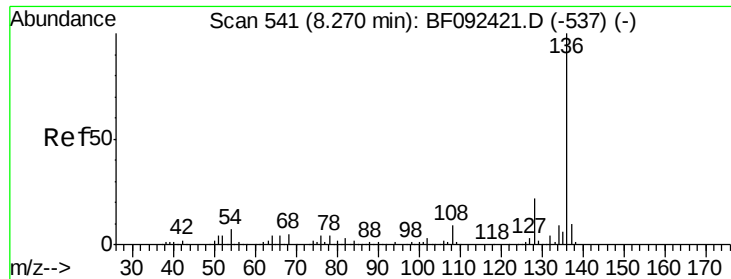
Acq: 26 Jan 2017 14:32

Tgt Ion:	94	Resp:	40049
Ion Ratio	Lower	Upper	
94	100		
65	26.6	21.4	61.4
66	33.5	44.0	84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





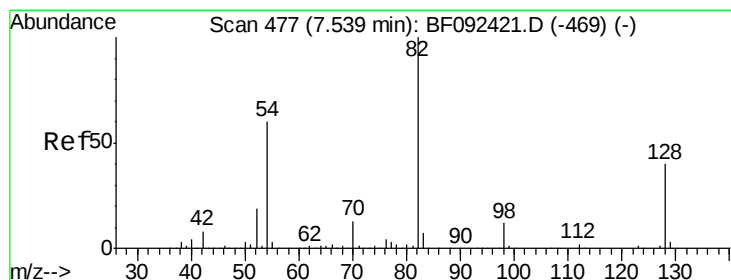
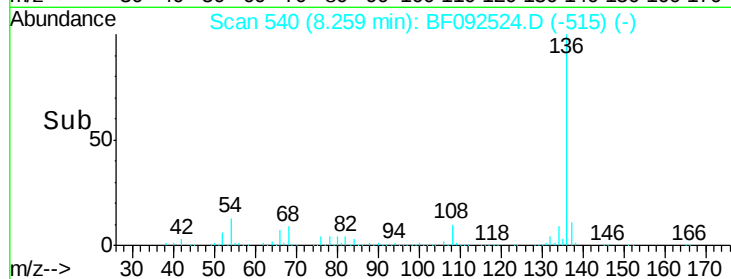
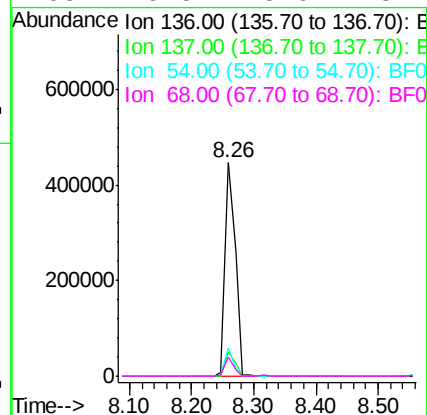
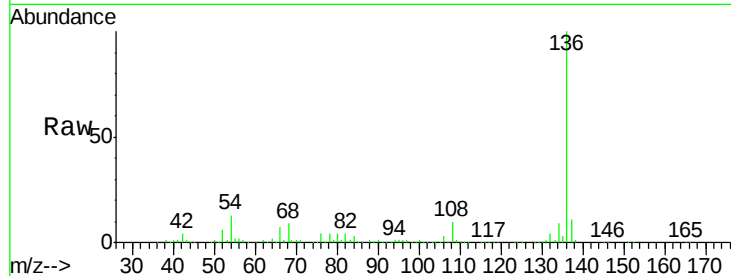
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092524.D
Acq: 26 Jan 2017 14:32

Instrument :
BNA_F
ClientSampleId :
CAS-SB-01-0-2

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.4	12.6	
54	12.9	4.5	6.7#	
68	8.8	3.6	5.4#	

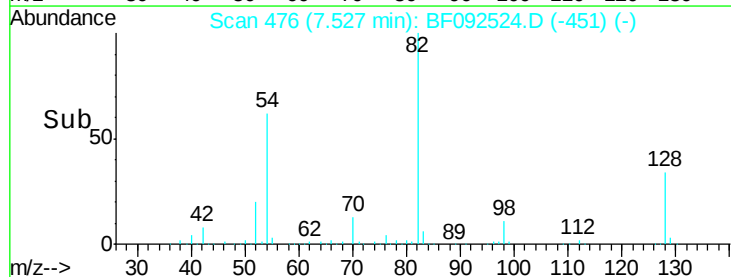
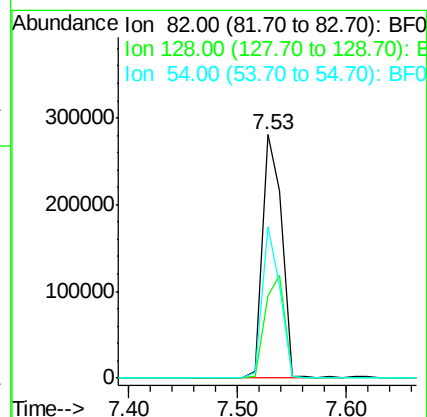
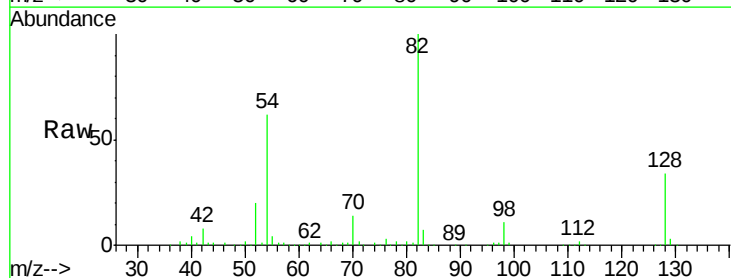
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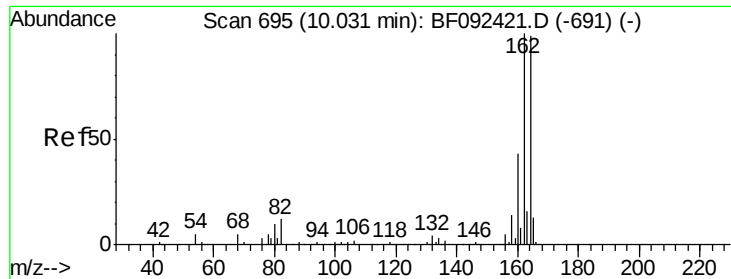
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#23
Nitrobenzene-d5
Concen: 38.62 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092524.D
Acq: 26 Jan 2017 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	33.9	34.6	52.0#	
54	62.4	39.5	59.3#	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF092524.D

Acq: 26 Jan 2017 14:32

Instrument :

BNA_F

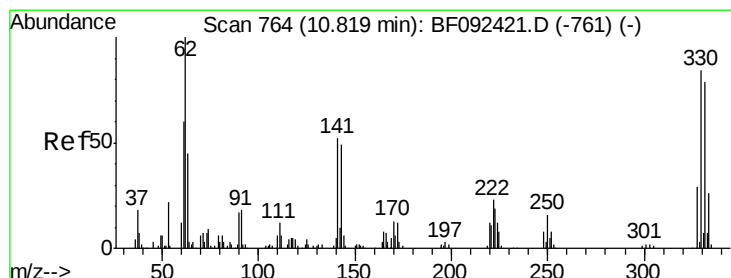
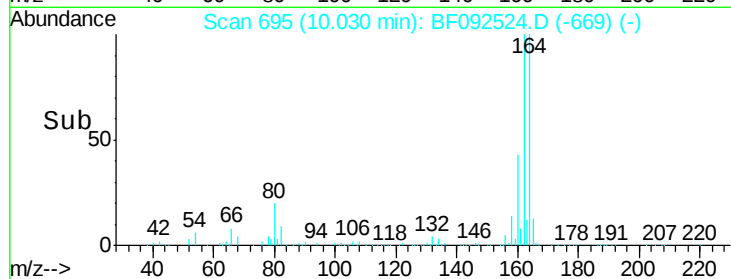
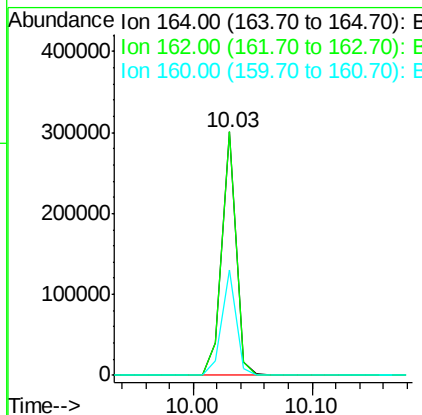
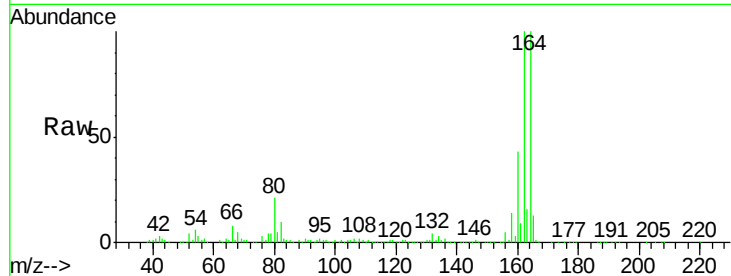
ClientSampleId :

CAS-SB-01-0-2

Tot Ion:	164	Resp:	248495
Ion Ratio	Lower	Upper	
164	100		
162	99.9	80.2	120.2
160	43.3	36.9	55.3

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#41

2,4,6-Tribromophenol

Concen: 56.49 ng

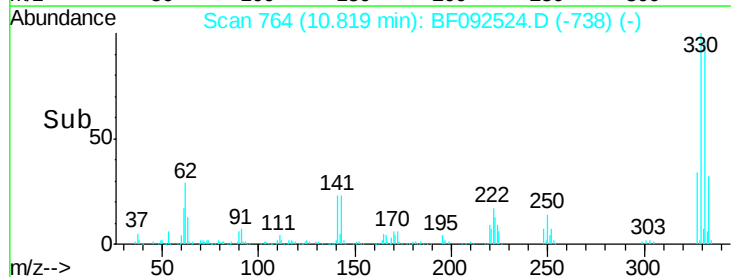
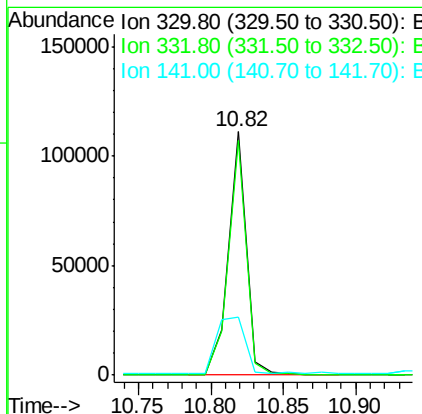
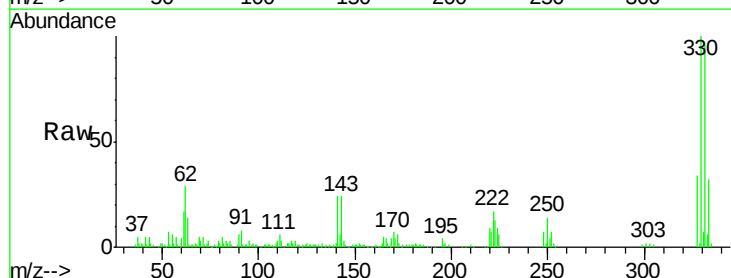
RT: 10.82 min Scan# 764

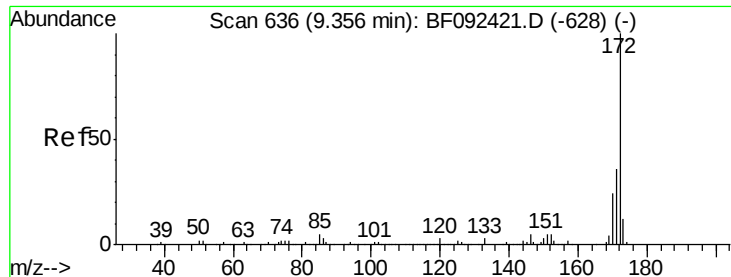
Delta R.T. -0.00 min

Lab File: BF092524.D

Acq: 26 Jan 2017 14:32

Tgt Ion:	330	Resp:	95654
Ion Ratio	Lower	Upper	
330	100		
332	96.9	77.4	116.2
141	39.4	34.1	51.1





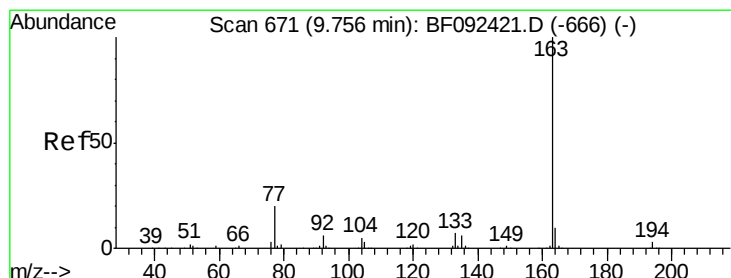
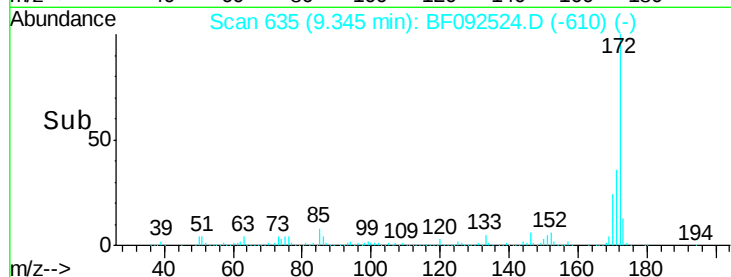
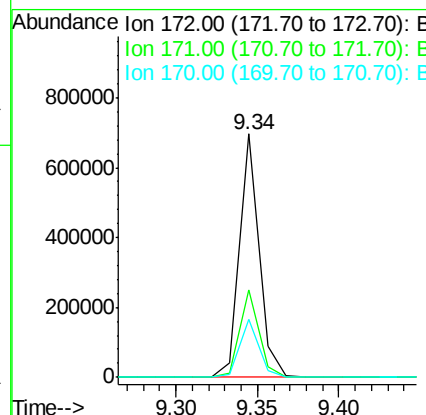
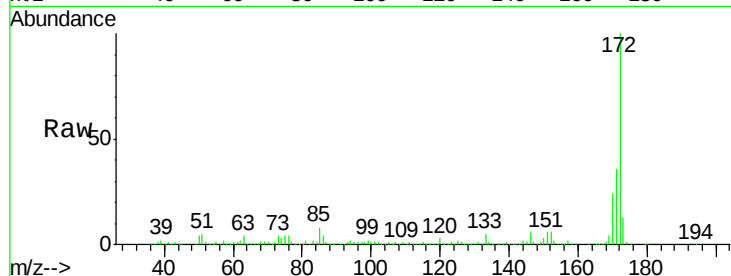
#44
2-Fluorobiphenyl
Concen: 42.63 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF092524.D
Acq: 26 Jan 2017 14:32

Instrument :
BNA_F
ClientSampleId :
CAS-SB-01-0-2

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	24.0	20.2	30.4

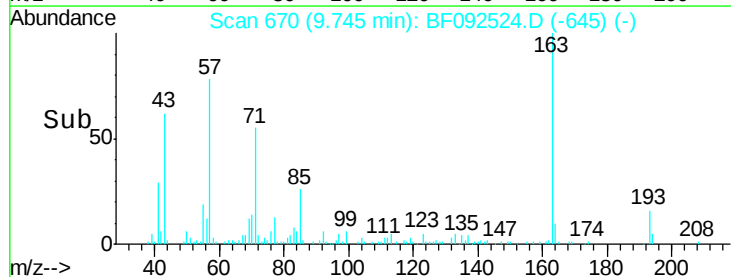
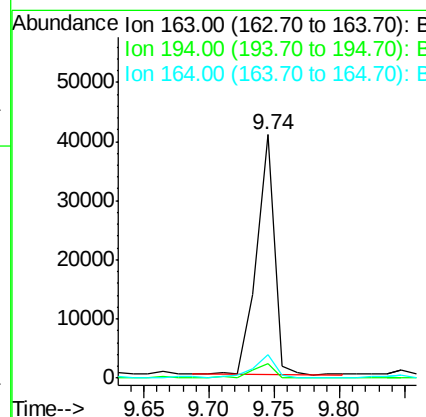
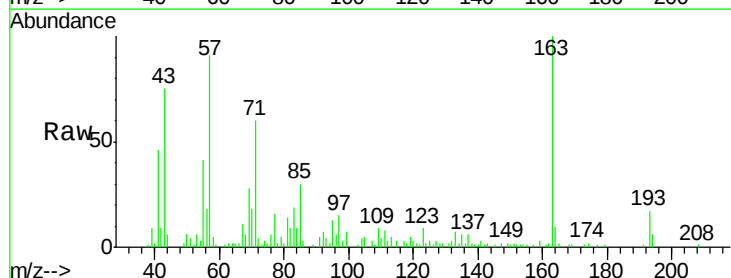
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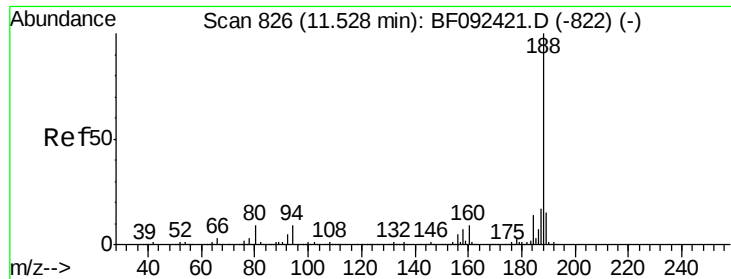
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#49
Dimethylphthalate
Concen: 2.47 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF092524.D
Acq: 26 Jan 2017 14:32

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.1	3.0	4.4#
164	9.9	8.0	12.0





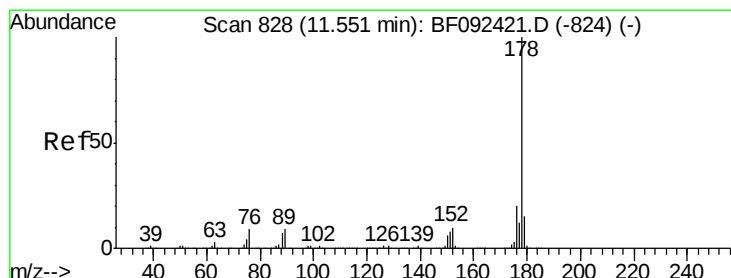
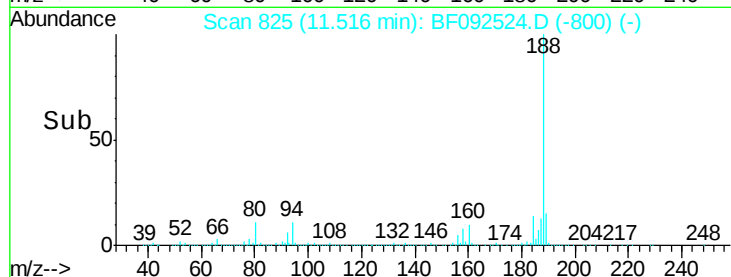
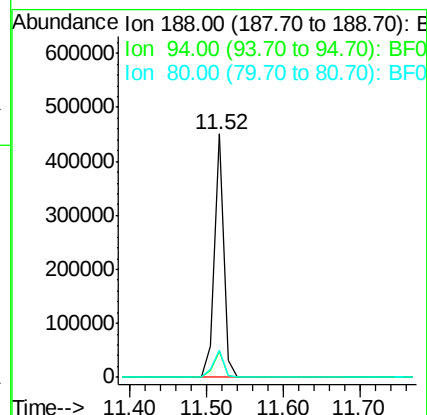
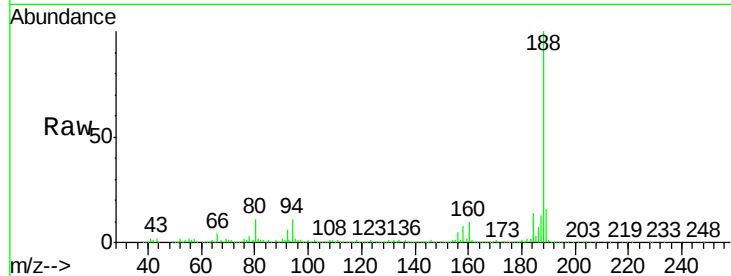
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092524.D
Acq: 26 Jan 2017 14:32

Instrument :
BNA_F
ClientSampleId :
CAS-SB-01-0-2

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.8	10.0	15.0
80	11.1	11.2	16.8

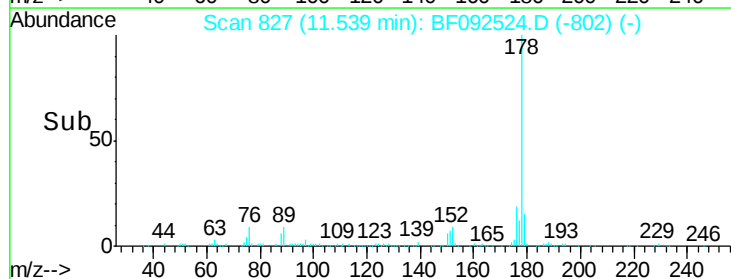
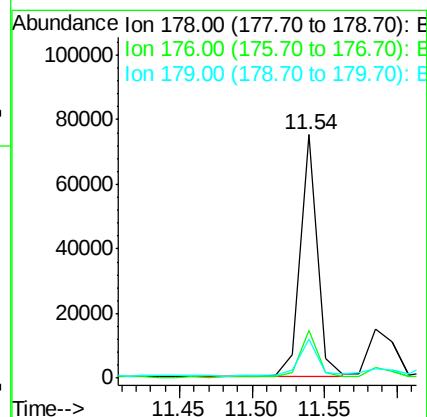
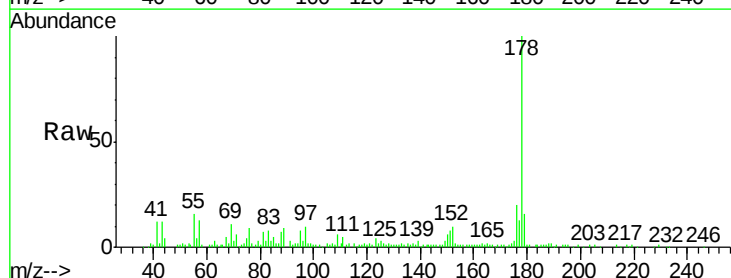
Manual Integrations
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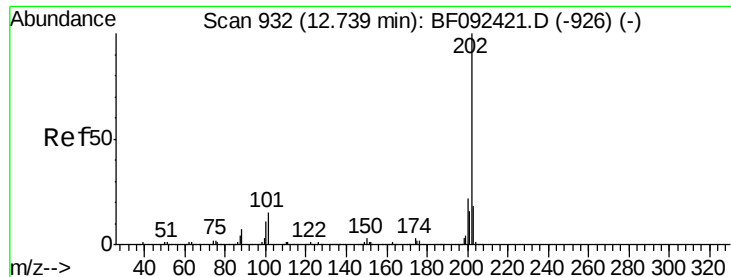
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#70
Phenanthrene
Concen: 2.96 ng
RT: 11.54 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF092524.D
Acq: 26 Jan 2017 14:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.6	25.0
179	16.0	12.8	19.2





#74

Fluoranthene

Concen: 6.24 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF092524.D

Acq: 26 Jan 2017 14:32

Instrument :

BNA_F

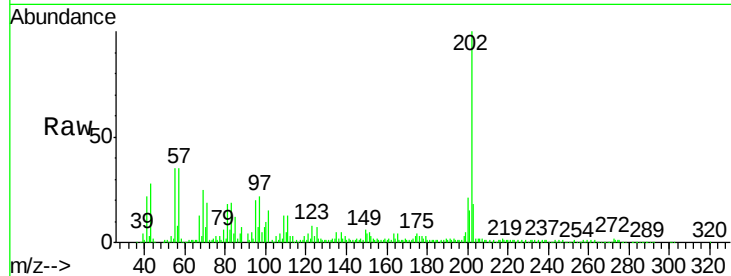
ClientSampleId :

CAS-SB-01-0-2

Tot Ion	Ratio	Resp	Lower	Upper
202	100	126481		
101	14.8	0.0	34.6	
203	18.2	0.0	38.7	

Manual Integrations
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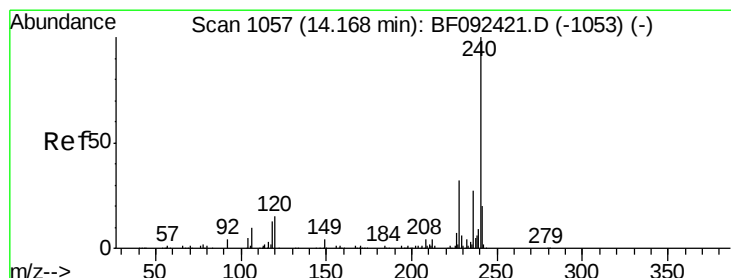
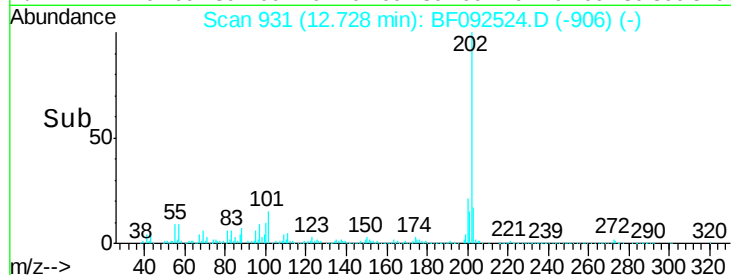
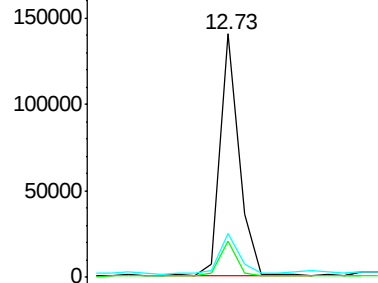
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Abundance Ion 202.00 (201.70 to 202.70): E

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

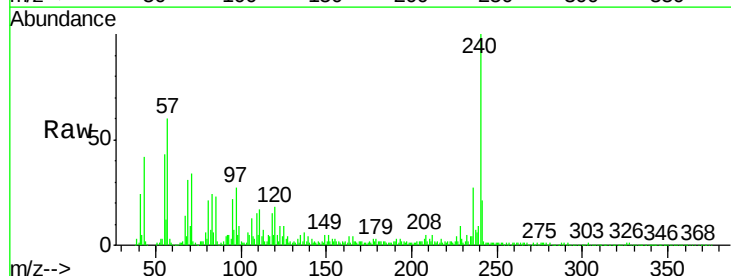
RT: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092524.D

Acq: 26 Jan 2017 14:32

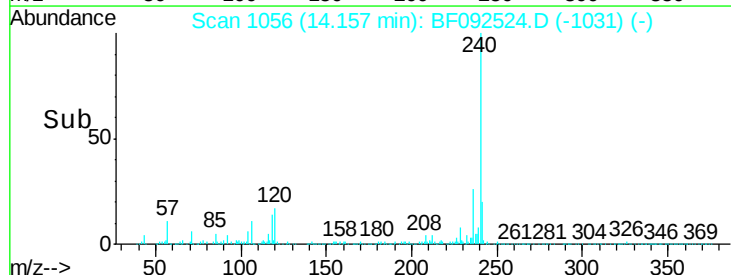
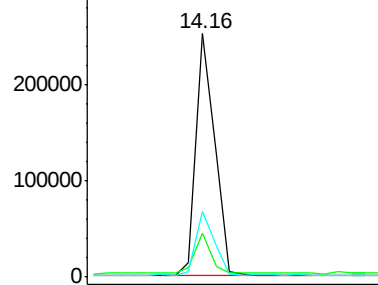
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	274432		
120	18.0	12.9	19.3	
236	27.0	20.9	31.3	

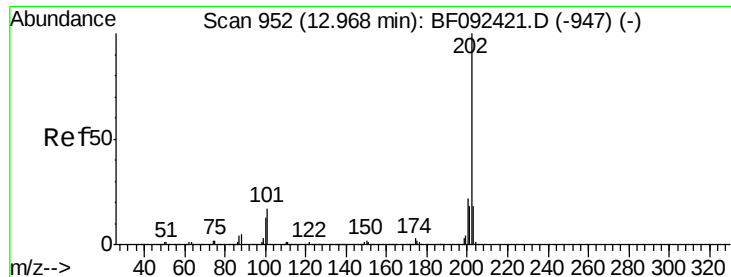


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 5.81 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF092524.D

Acq: 26 Jan 2017 14:32

Instrument :

BNA_F

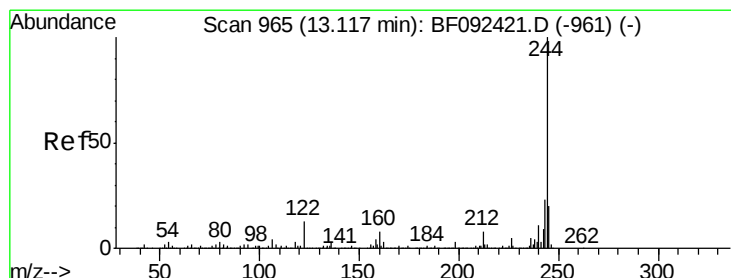
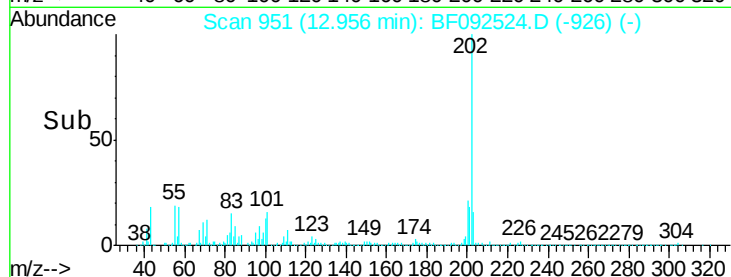
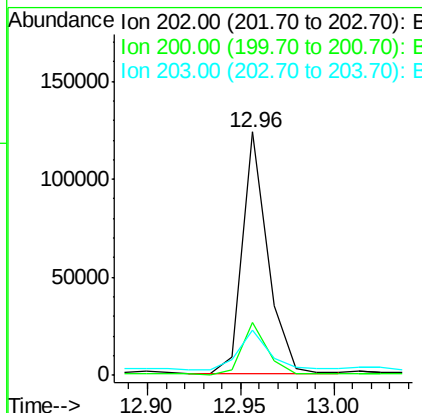
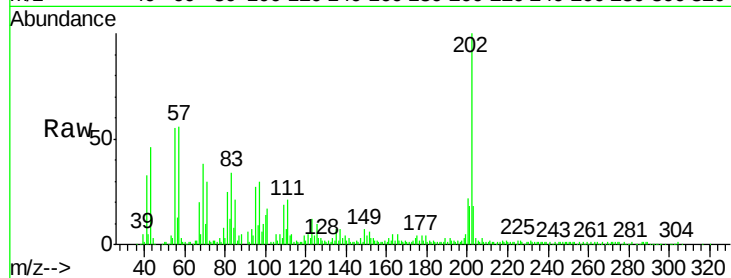
ClientSampleId :

CAS-SB-01-0-2

Tot Ion:	202	Resp:	115546
Ion Ratio		Lower	Upper
202	100		
200	21.6	17.7	26.5
203	18.4	14.7	22.1

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#78

Terphenyl-d14

Concen: 44.66 ng

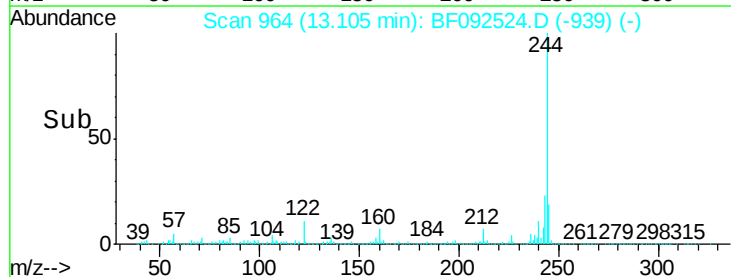
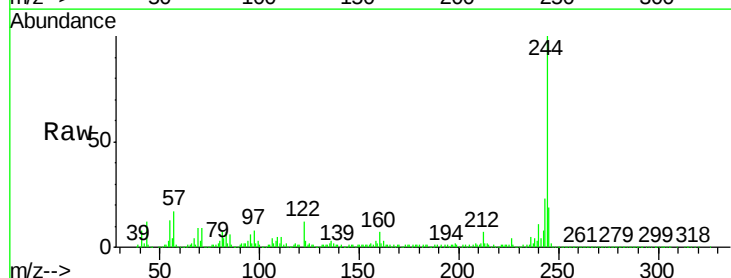
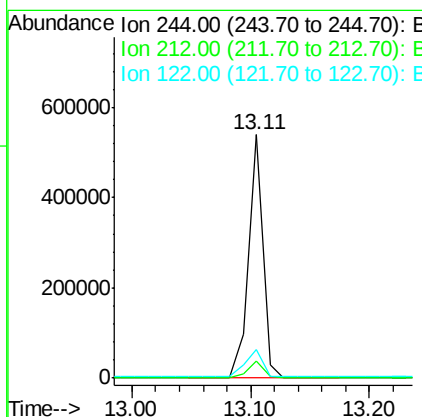
RT: 13.11 min Scan# 964

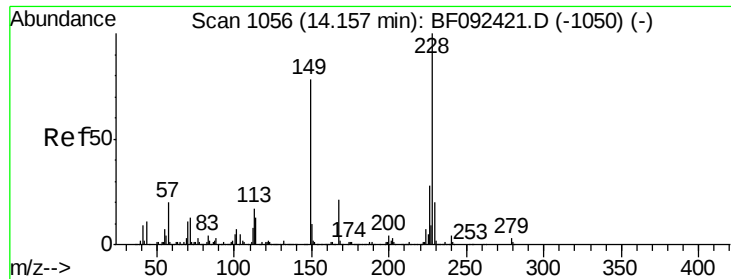
Delta R.T. -0.01 min

Lab File: BF092524.D

Acq: 26 Jan 2017 14:32

Tgt Ion:	244	Resp:	460281
Ion Ratio		Lower	Upper
244	100		
212	7.2	6.2	9.2
122	11.9	11.4	17.2





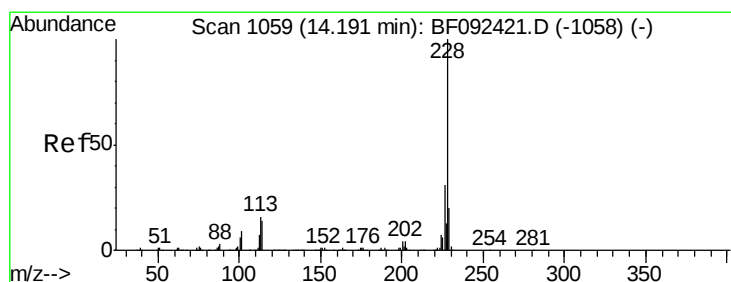
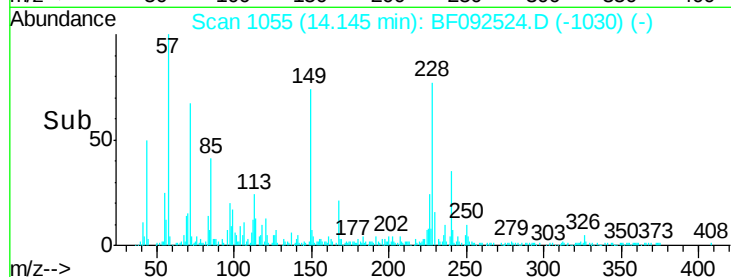
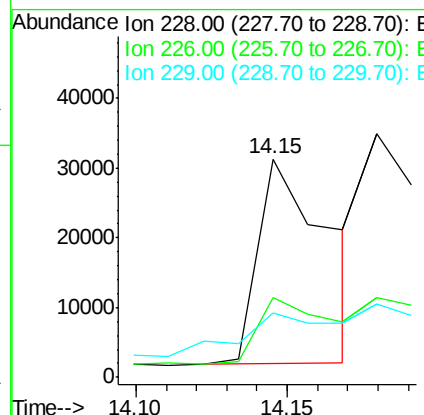
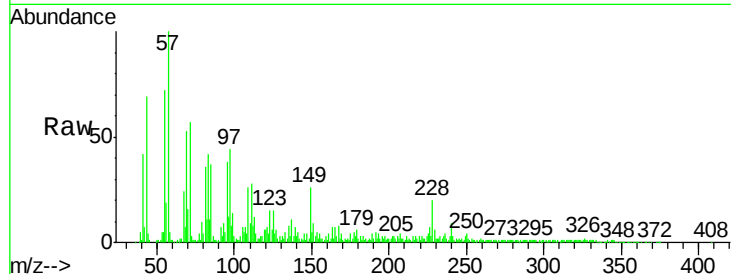
#80
Benzo(a)anthracene
Concen: 3.21 ng m
RT: 14.15 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF092524.D
Acq: 26 Jan 2017 14:32

Instrument :
BNA_F
ClientSampleId :
CAS-SB-01-0-2

Tot Ion	Ratio	Lower	Upper
228	100		
226	36.6	22.4	33.6#
229	29.6	16.2	24.4#

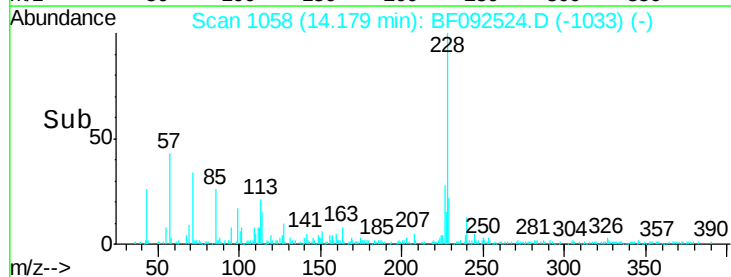
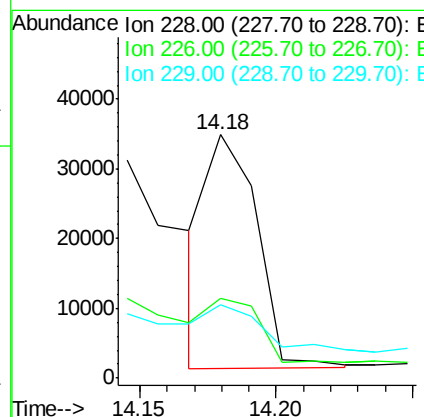
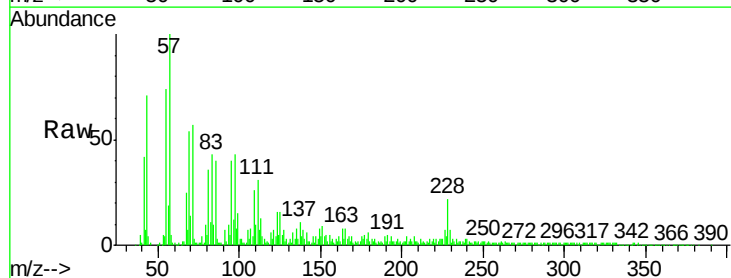
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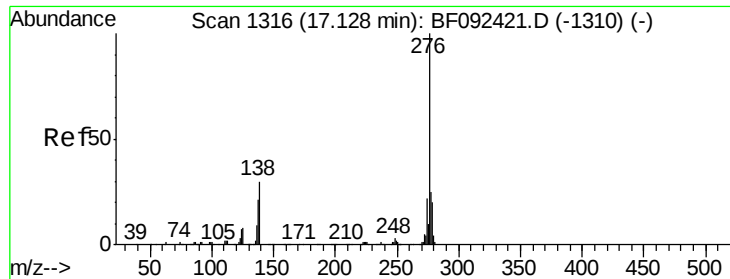
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#82
Chrysene
Concen: 2.71 ng m
RT: 14.18 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF092524.D
Acq: 26 Jan 2017 14:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.8	25.4	38.0
229	30.4	16.2	24.2#





#85

Indeno(1,2,3-cd)pyrene

Concen: 2.08 ng

RT: 17.14 min Scan# 1317

Delta R.T. 0.01 min

Lab File: BF092524.D

Acq: 26 Jan 2017 14:32

Instrument :

BNA_F

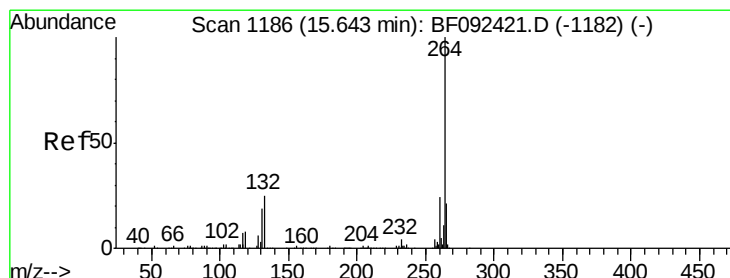
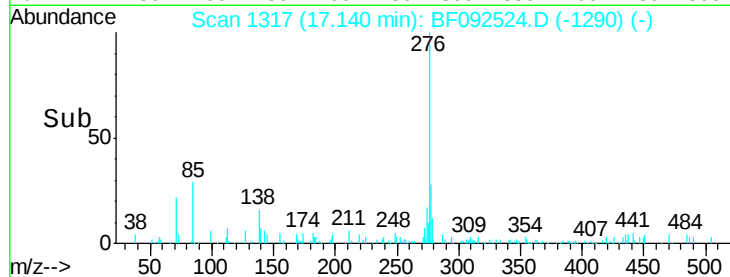
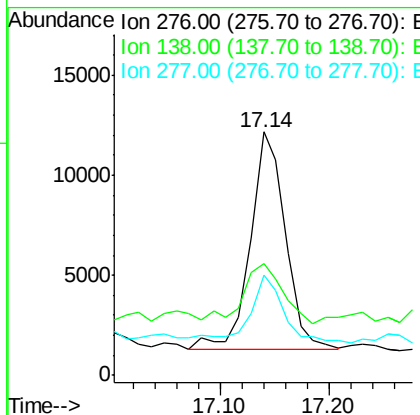
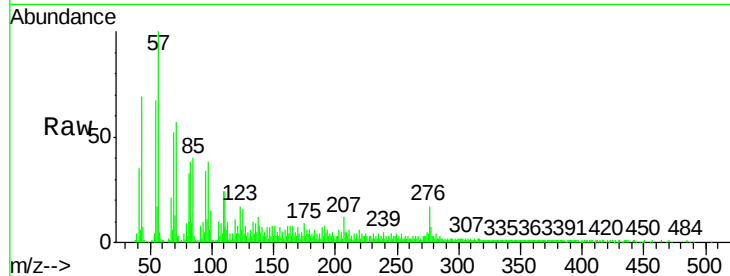
ClientSampleId :

CAS-SB-01-0-2

Tot Ion:	276	Resp:	24290
Ion Ratio	Lower	Upper	
276	100		
138	32.5	21.8	32.6
277	32.5	20.2	30.4

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#86

Perylene-d12

Concen: 20.00 ng

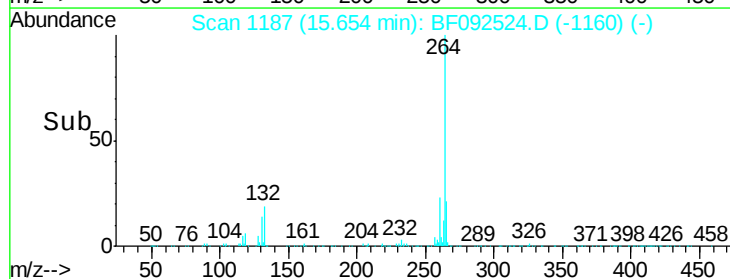
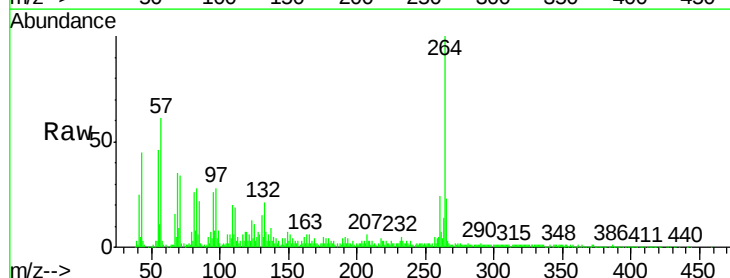
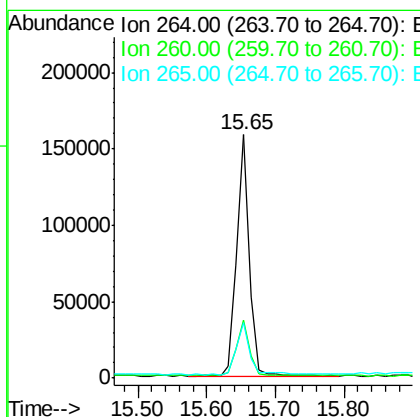
RT: 15.65 min Scan# 1187

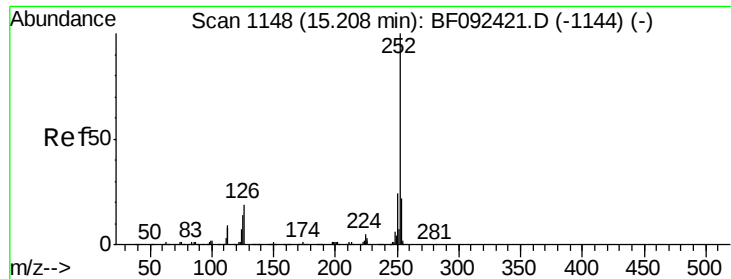
Delta R.T. 0.01 min

Lab File: BF092524.D

Acq: 26 Jan 2017 14:32

Tgt Ion:	264	Resp:	205733
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.2	28.8
265	22.8	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 4.83 ng m

RT: 15.22 min Scan# 1149

Delta R.T. 0.01 min

Lab File: BF092524.D

Acq: 26 Jan 2017 14:32

Instrument :

BNA_F

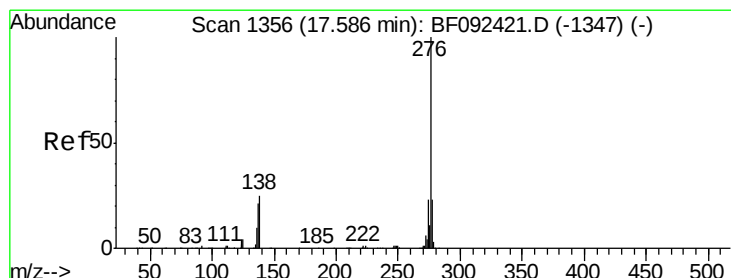
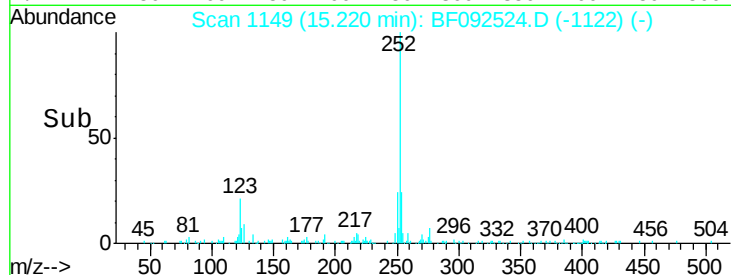
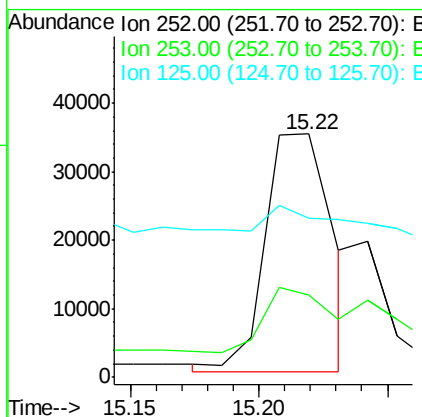
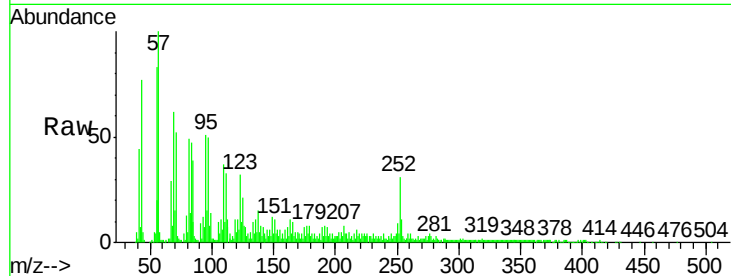
ClientSampleId :

CAS-SB-01-0-2

Tot Ion:	252	Resp:	63810
Ion Ratio	Lower	Upper	
252	100		
253	33.6	18.2	27.4#
125	65.4	9.8	14.6#

Manual Integrations
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#91

Benzo(g,h,i)perylene

Concen: 2.68 ng

RT: 17.60 min Scan# 1357

Delta R.T. 0.01 min

Lab File: BF092524.D

Acq: 26 Jan 2017 14:32

Tgt Ion:	276	Resp:	24470
Ion Ratio	Lower	Upper	
276	100		
277	36.6	19.2	28.8#
138	44.3	16.0	24.0#

