

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
 Data File : BF092372.D
 Acq On : 20 Jan 2017 14:52
 Operator : UM/SJ
 Sample : I1304-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-15-41-COMP

Manual Integrations
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 1/23/2017 2:44:44 PM

Quant Time: Jan 20 23:04:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 22:22:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	139809	20.00	ng	0.00
21) Naphthalene-d8	7.81	136	849639	20.00	ng	0.00
38) Acenaphthene-d10	9.56	164	444263	20.00	ng	0.00
63) Phenanthrene-d10	11.03	188	670858	20.00	ng	0.00
75) Chrysene-d12	13.66	240	438321	20.00	ng	0.00
86) Perylene-d12	15.01	264	364678	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	1368146	163.40	ng	0.02
7) Phenol-d6	6.19	99	1854662	181.42	ng	0.00
23) Nitrobenzene-d5	7.10	82	1292865	84.61	ng	0.00
41) 2,4,6-Tribromophenol	10.35	330	464635	126.38	ng	0.00
44) 2-Fluorobiphenyl	8.90	172	2292738	109.45	ng	0.00
78) Terphenyl-d14	12.62	244	1670837	92.45	ng	0.00
Target Compounds						
10) Phenol	6.20	94	56330	4.84	ng	Qvalue # 26
49) Dimethylphthalate	9.30	163	547028	19.25	ng	100
77) Pyrene	12.46	202	145890	4.54	ng	97
80) Benzo(a)anthracene	13.65	228	77502m	3.13	ng	
82) Chrysene	13.69	228	86020m	3.47	ng	
85) Indeno(1,2,3-cd)pyrene	16.23	276	56860	2.64	ng	93
87) Benzo(b)fluoranthene	14.66	252	183219m	8.07	ng	
88) Benzo(k)fluoranthene	14.67	252	57966m	2.99	ng	
89) Benzo(a)pyrene	14.97	252	101145	5.02	ng	97
91) Benzo(g,h,i)perylene	16.59	276	50577	2.94	ng	# 94

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

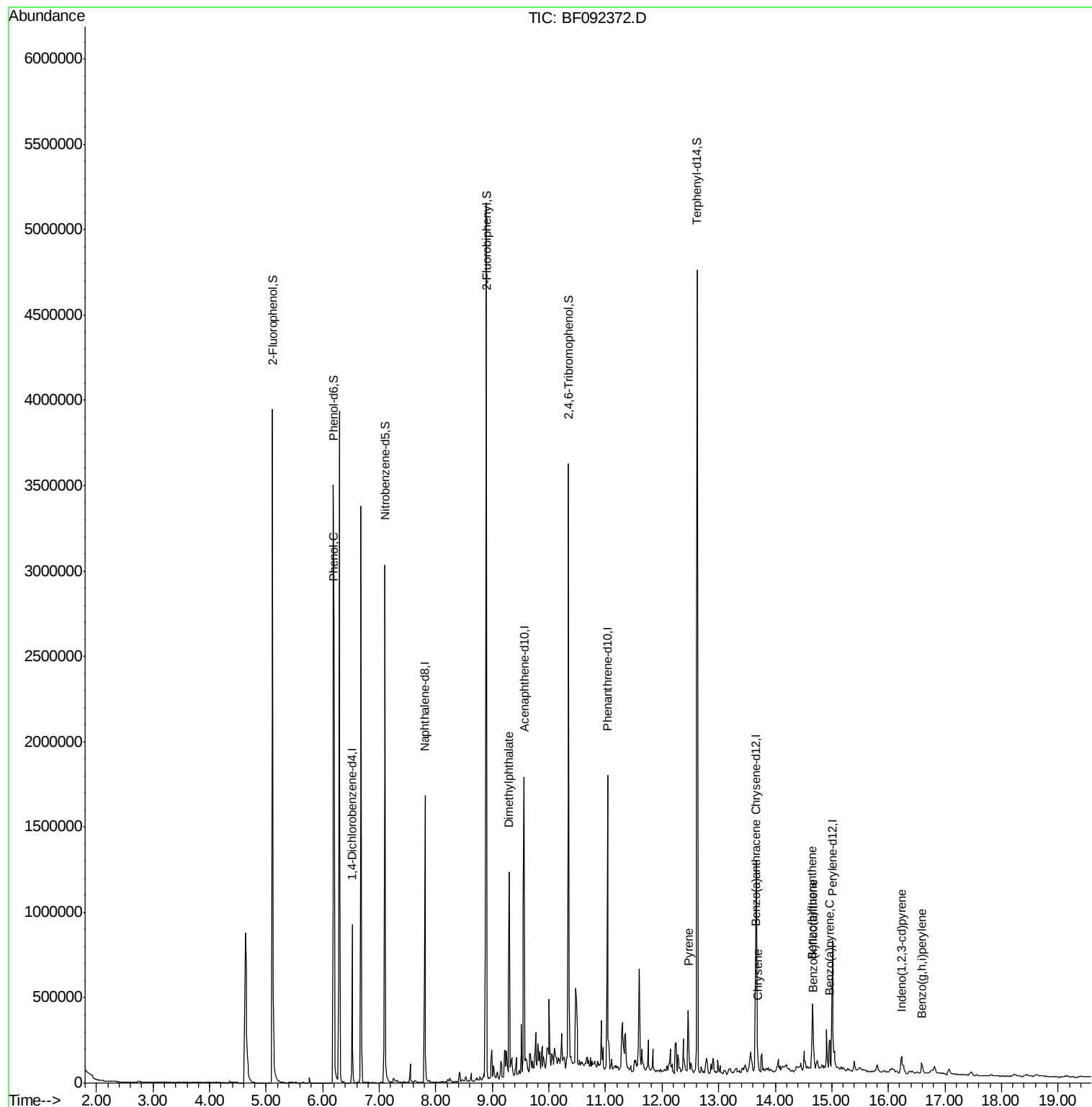
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
Data File : BF092372.D
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Operator : UM/SJ
Sample : I1304-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

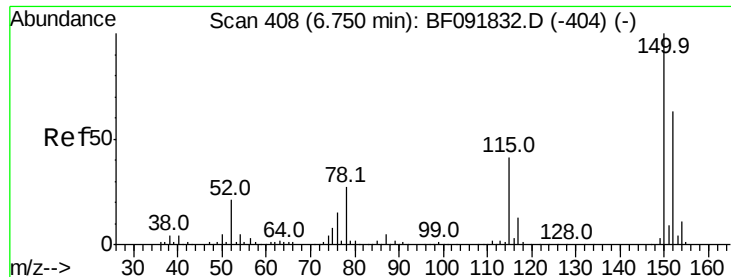
Instrument :
BNA_F
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ROLL-OFF-15-41-COMP

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#1

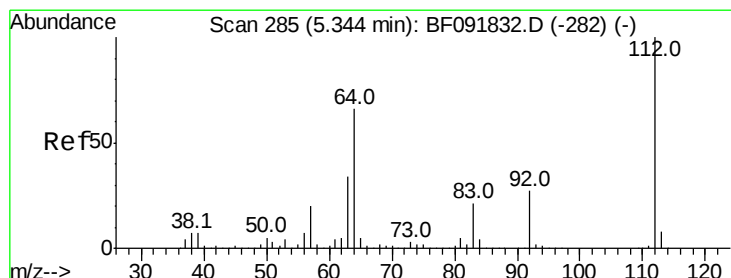
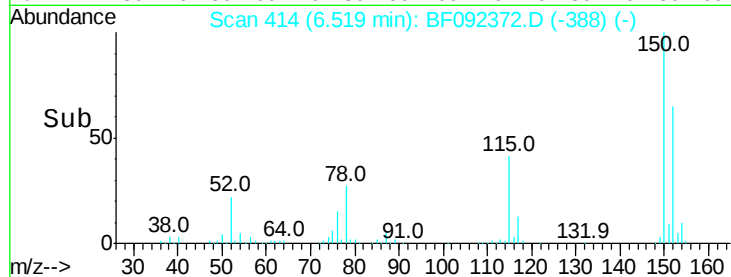
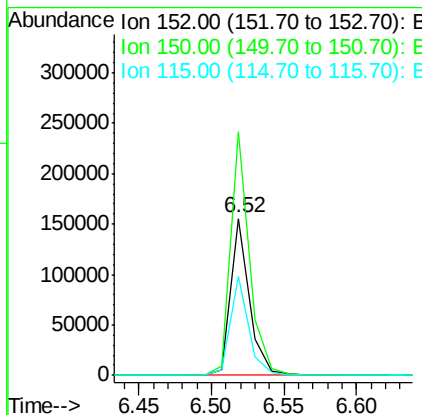
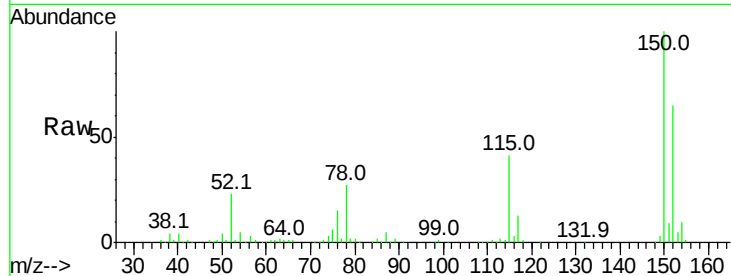
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.52 min Scan# 414
 Delta R.T. -0.00 min
 Lab File: BF092372.D
 Acq: 20 Jan 2017 14:52

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-15-41-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.9	187.3
115	63.3	46.0	69.0

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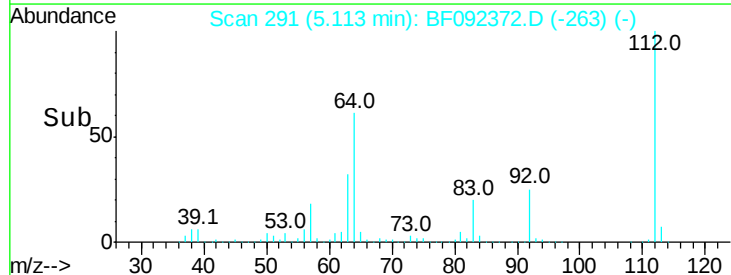
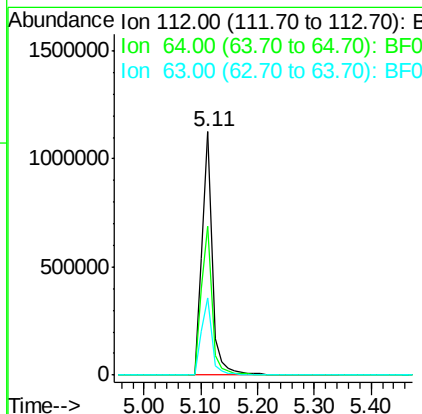
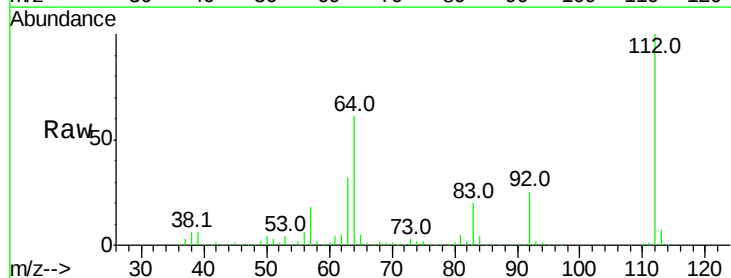
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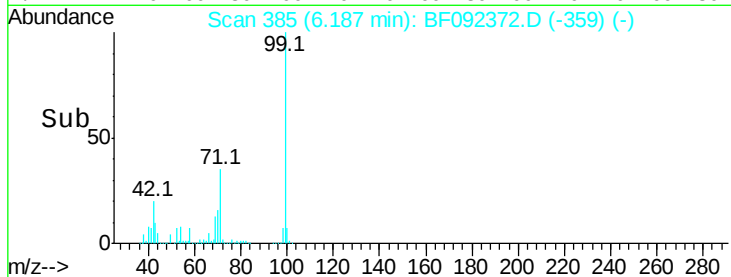
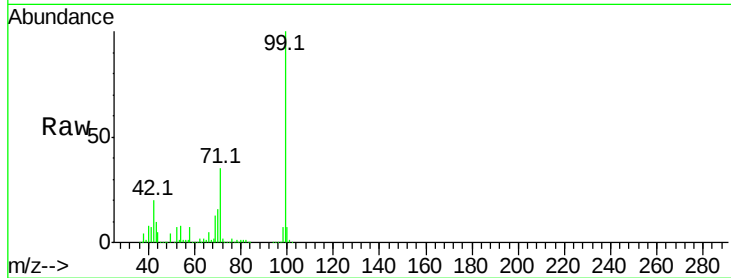
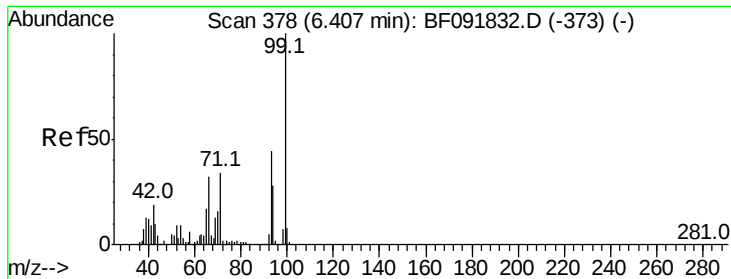


#5

2-Fluorophenol
 Concen: 163.40 ng
 RT: 5.11 min Scan# 291
 Delta R.T. 0.02 min
 Lab File: BF092372.D
 Acq: 20 Jan 2017 14:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.9	46.1	69.1
63	31.7	23.8	35.6





#7

Phenol-d6

Concen: 181.42 ng

RT: 6.19 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF092372.D

Acq: 20 Jan 2017 14:52

Tot Ion	99	Ratio	100	Resp	1854662	Lower	Upper
99	100						
42	19.8			15.6		23.4	
71	34.7			27.5		41.3	

Instrument :

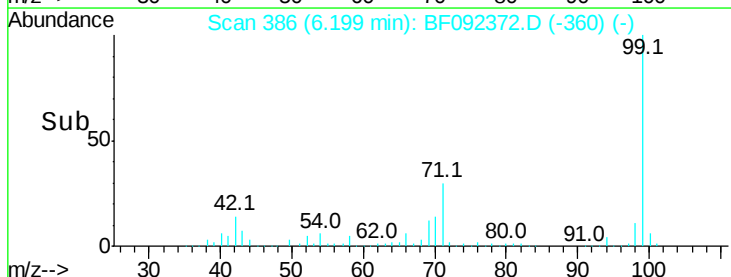
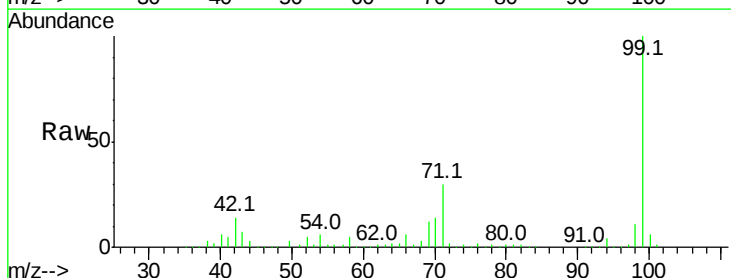
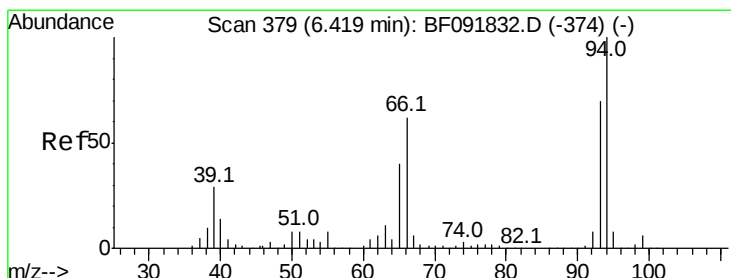
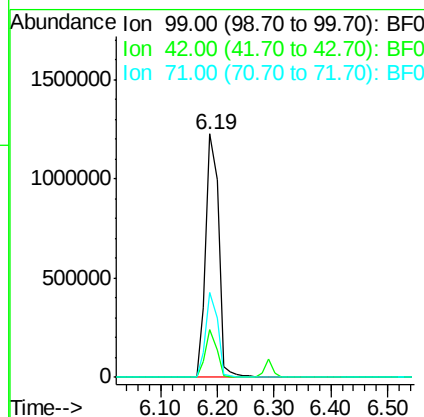
BNA_F

ClientSampleId :

ROLL-OFF-15-41-COMP

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#10

Phenol

Concen: 4.84 ng

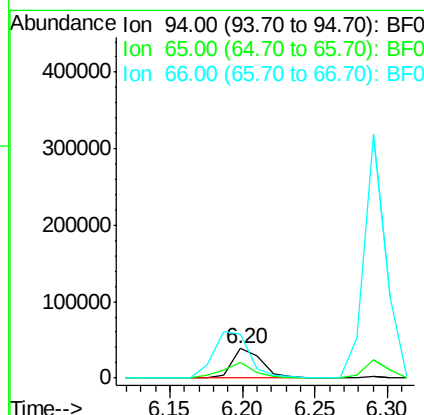
RT: 6.20 min Scan# 386

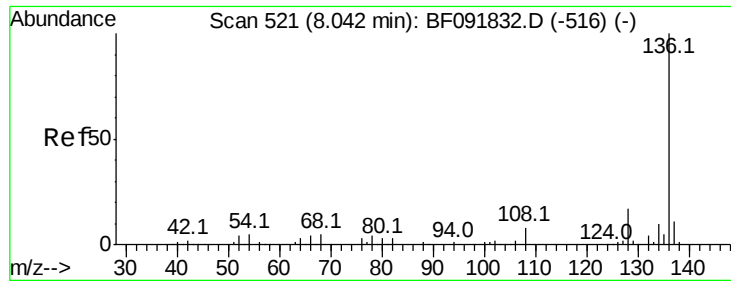
Delta R.T. -0.00 min

Lab File: BF092372.D

Acq: 20 Jan 2017 14:52

Tgt Ion	94	Ratio	100	Resp	56330	Lower	Upper
94	100						
65	53.5			21.4		61.4	
66	149.8			44.0		84.0#	





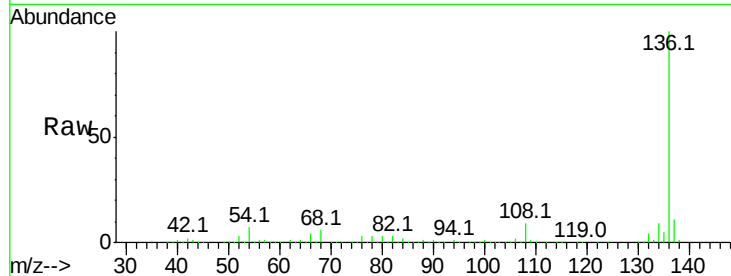
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF092372.D
Acq: 20 Jan 2017 14:52

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-41-COMP

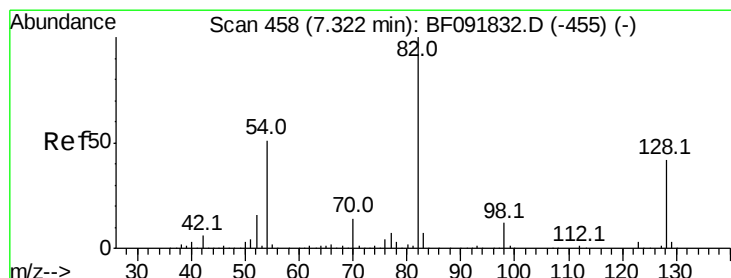
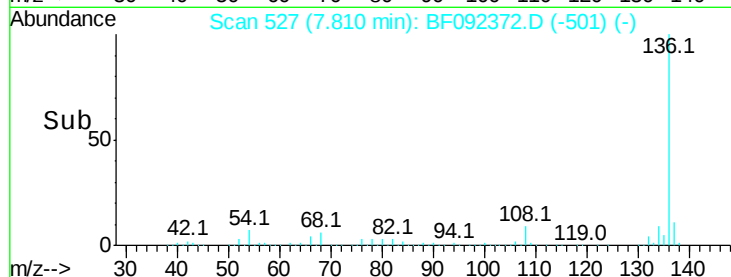
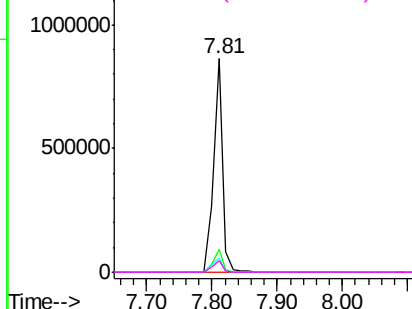
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.4	12.6	
54	6.6	4.5	6.7	
68	5.6	3.6	5.4	

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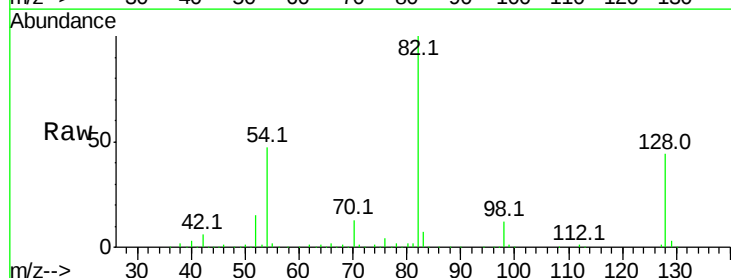


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

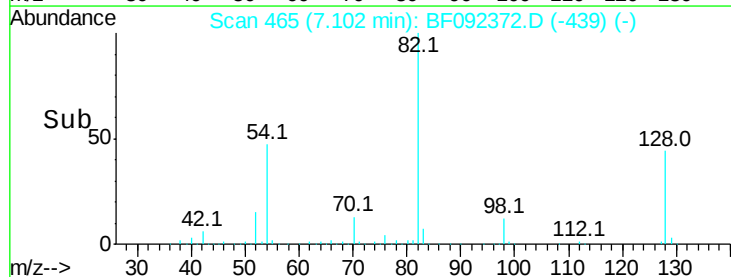
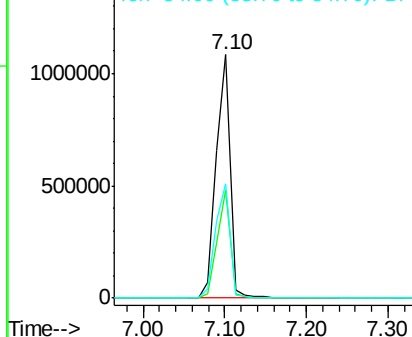


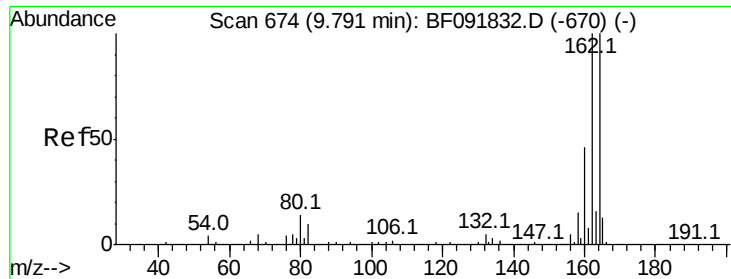
#23
Nitrobenzene-d5
Concen: 84.61 ng
RT: 7.10 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF092372.D
Acq: 20 Jan 2017 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.2	34.6	52.0	
54	47.2	39.5	59.3	



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: 9.56 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF092372.D

Acq: 20 Jan 2017 14:52

Instrument :

BNA_F

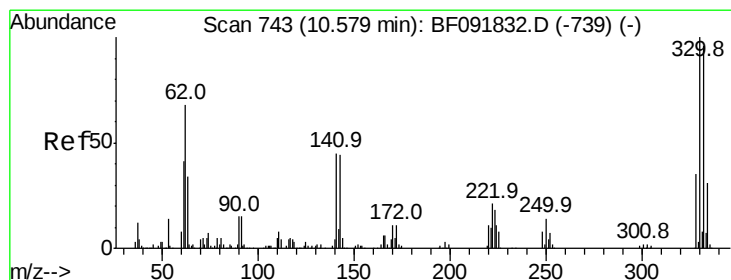
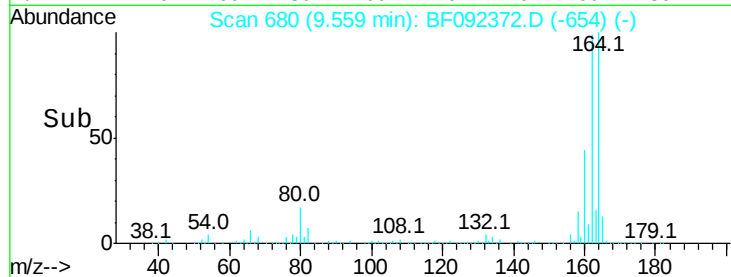
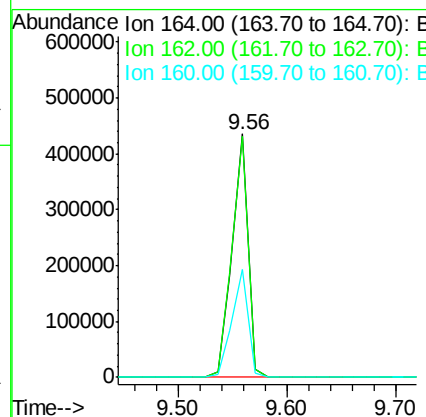
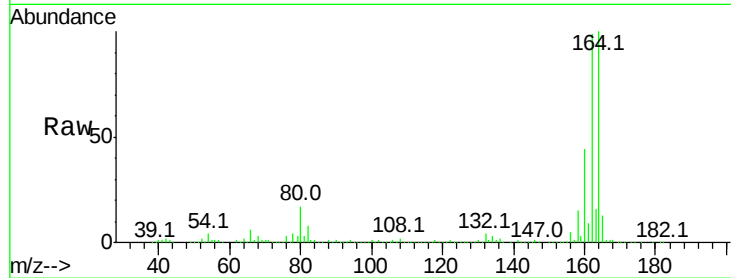
ClientSampleId :

ROLL-OFF-15-41-COMP

Tot Ion:	164	Resp:	444263
Ion Ratio	Lower	Upper	
164	100		
162	99.0	80.2	120.2
160	44.2	36.9	55.3

Manual Integrations
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#41

2,4,6-Tribromophenol

Concen: 126.38 ng

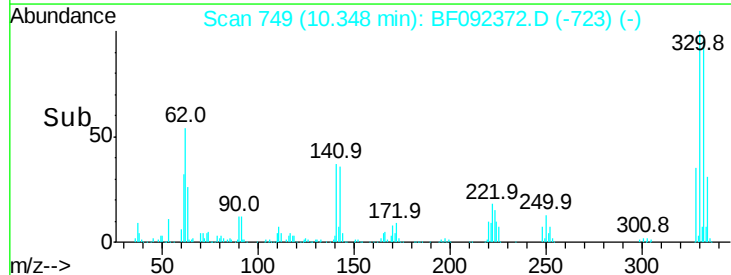
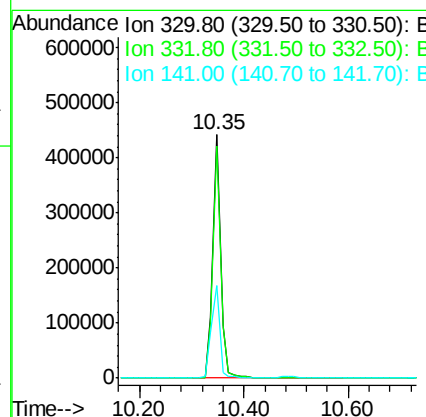
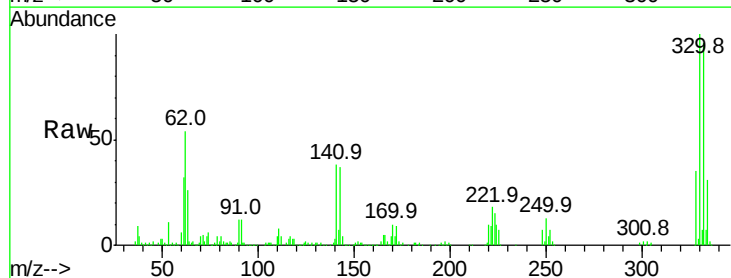
RT: 10.35 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF092372.D

Acq: 20 Jan 2017 14:52

Tgt Ion:	330	Resp:	464635
Ion Ratio	Lower	Upper	
330	100		
332	95.8	77.4	116.2
141	39.7	34.1	51.1





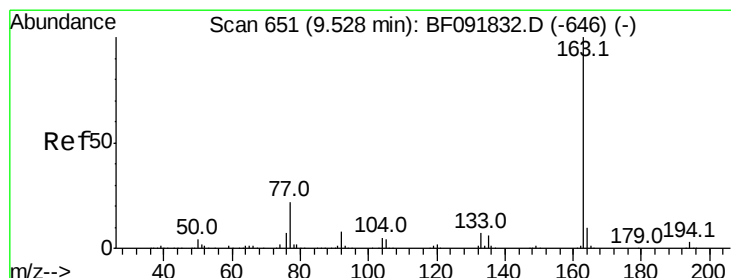
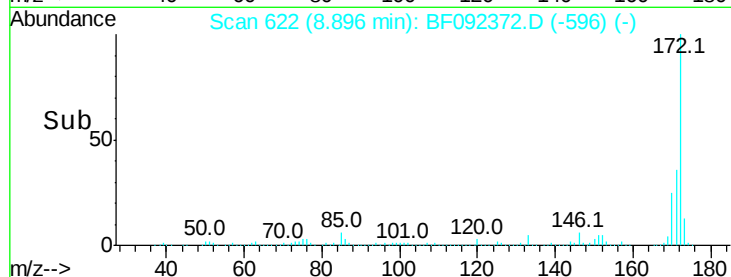
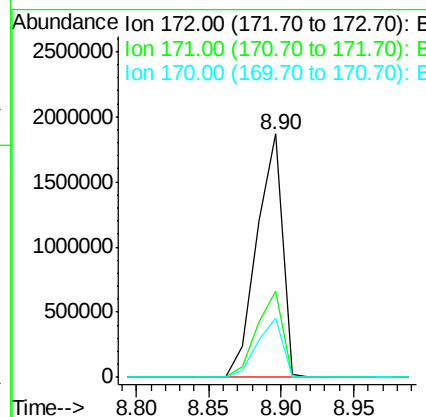
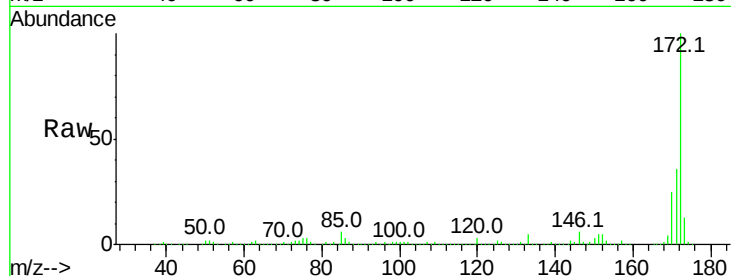
#44
2-Fluorobiphenyl
Concen: 109.45 ng
RT: 8.90 min Scan# 622
Delta R.T. -0.00 min
Lab File: BF092372.D
Acq: 20 Jan 2017 14:52

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-41-COMP

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.4	44.0
170	24.5	20.2	30.4

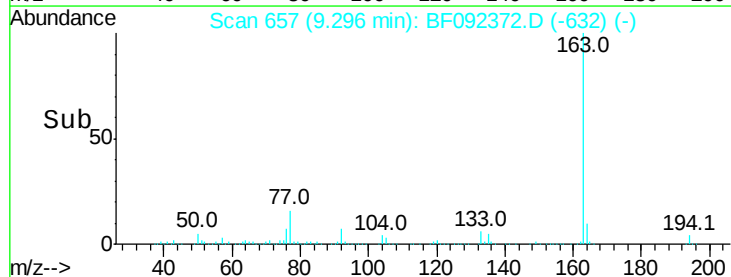
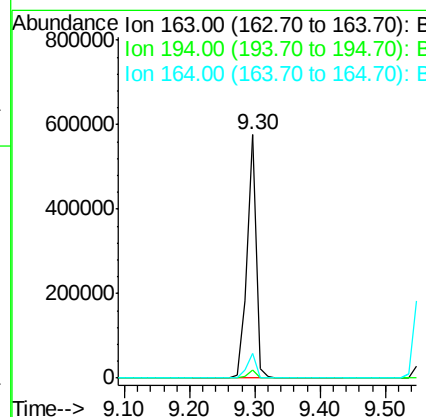
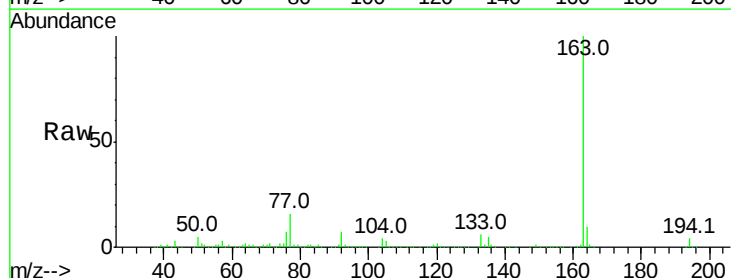
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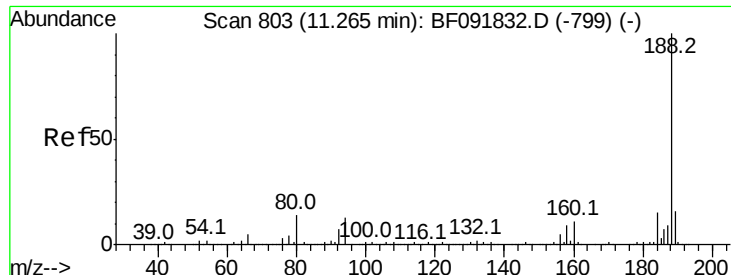
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#49
Dimethylphthalate
Concen: 19.25 ng
RT: 9.30 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF092372.D
Acq: 20 Jan 2017 14:52

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	10.1	8.0	12.0





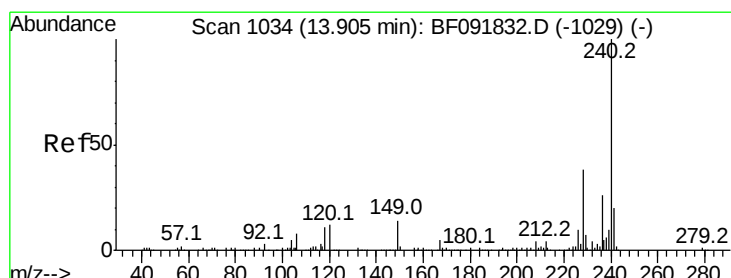
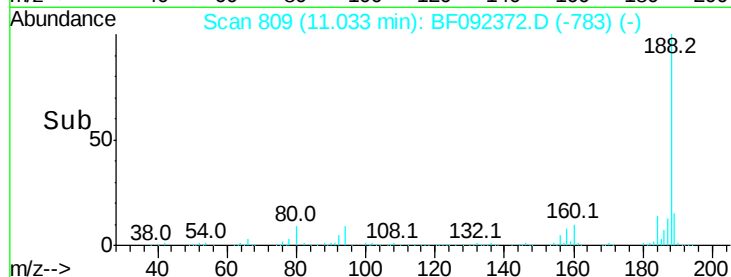
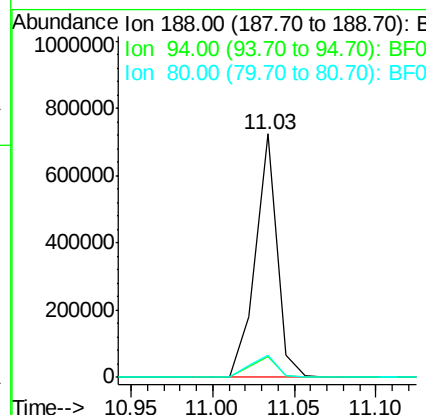
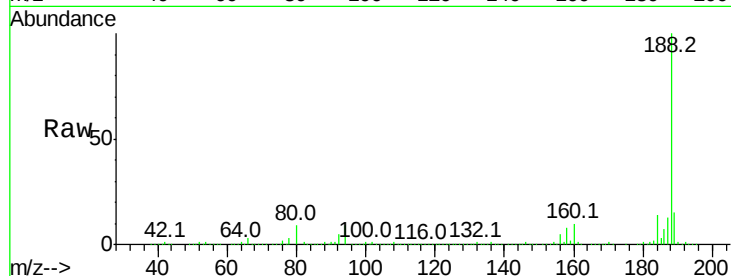
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF092372.D
Acq: 20 Jan 2017 14:52

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-41-COMP

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.8	10.0	15.0#
80	9.3	11.2	16.8#

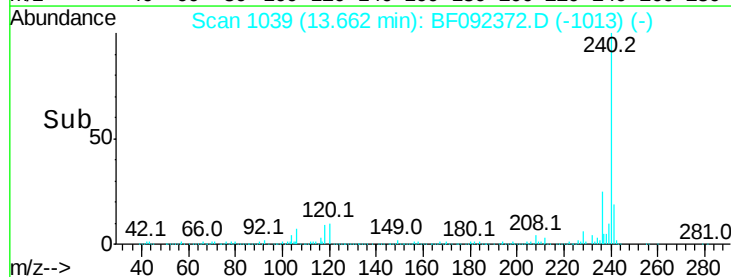
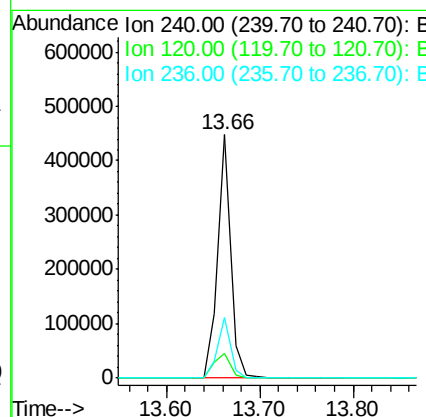
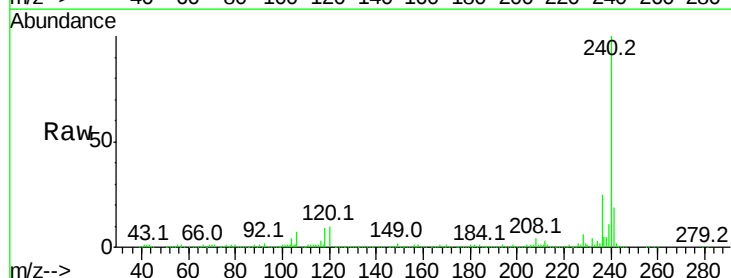
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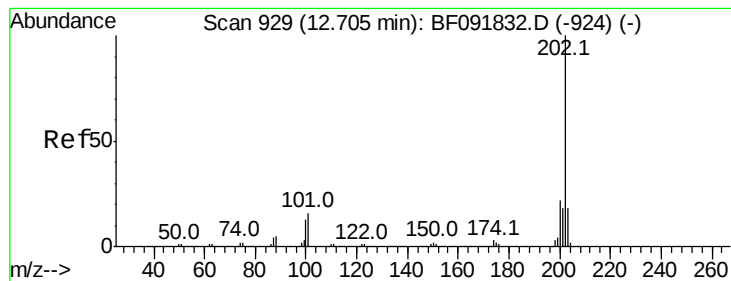
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.66 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF092372.D
Acq: 20 Jan 2017 14:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	10.1	12.9	19.3#
236	25.1	20.9	31.3





#77

Pvrene

Concen: 4.54 ng

RT: 12.46 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF092372.D

Acq: 20 Jan 2017 14:52

Instrument :

BNA_F

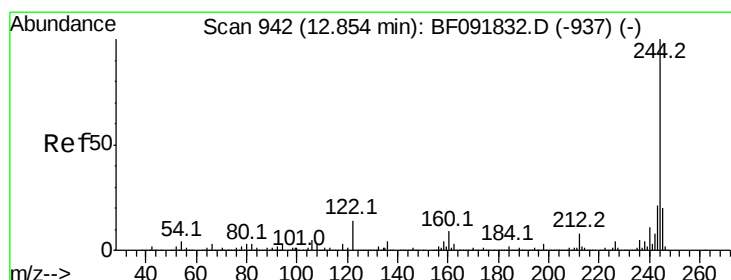
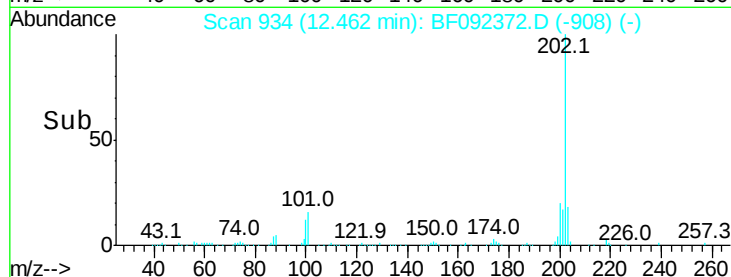
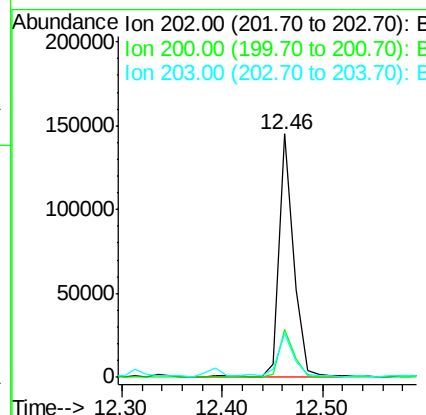
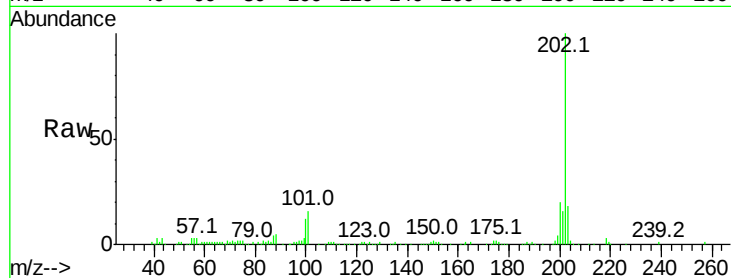
ClientSampleId :

ROLL-OFF-15-41-COMP

Tot Ion:	202	Resp:	145890
Ion Ratio	Lower	Upper	
202	100		
200	19.8	17.7	26.5
203	17.9	14.7	22.1

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#78

Terphenyl-d14

Concen: 92.45 ng

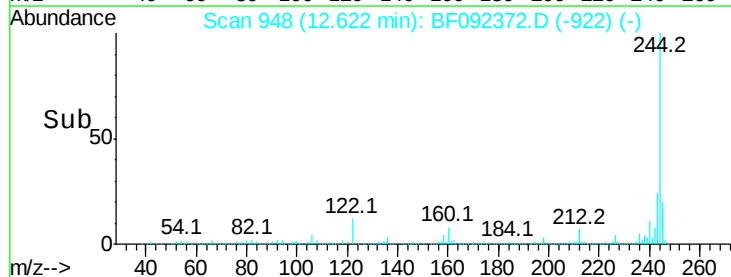
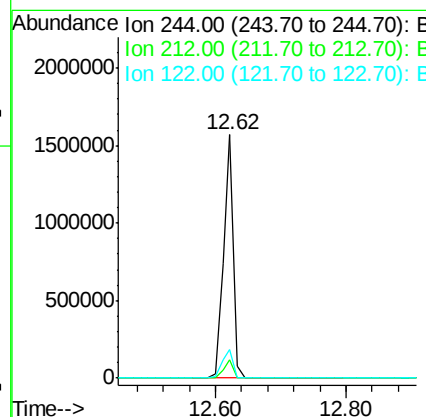
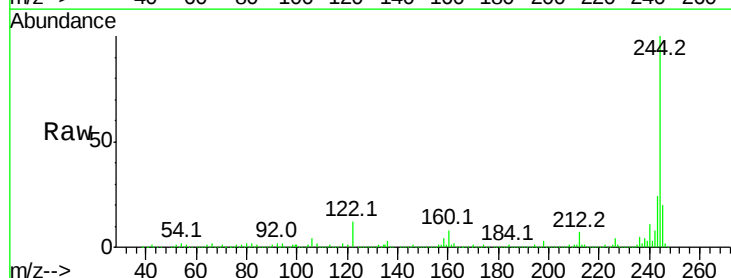
RT: 12.62 min Scan# 948

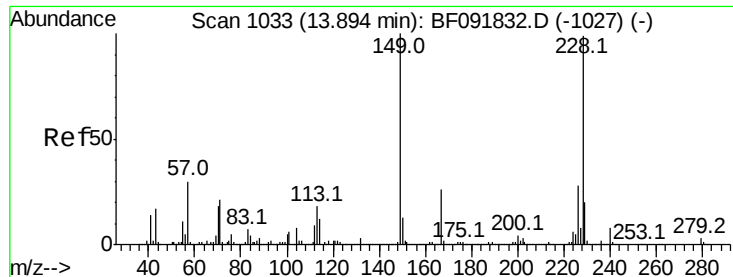
Delta R.T. -0.00 min

Lab File: BF092372.D

Acq: 20 Jan 2017 14:52

Tgt Ion:	244	Resp:	1670837
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.2	9.2
122	11.8	11.4	17.2





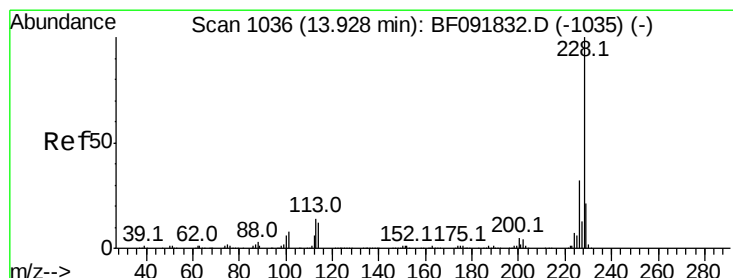
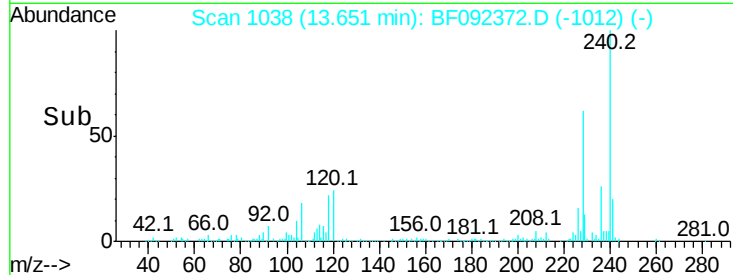
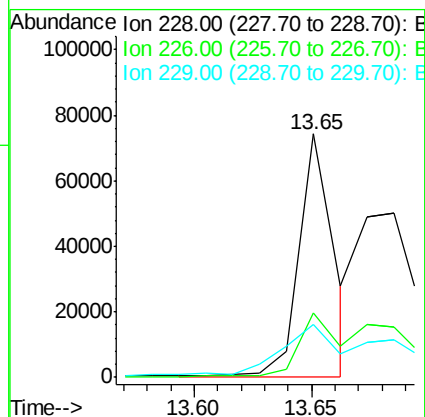
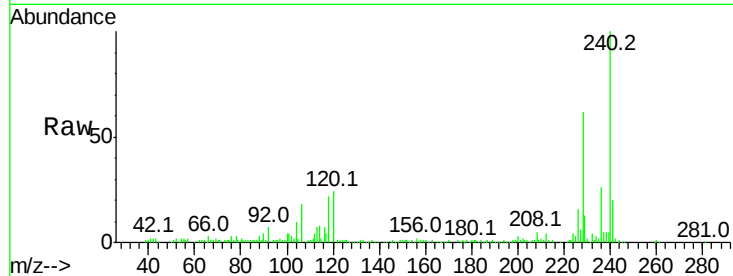
#80
Benzo(a)anthracene
Concen: 3.13 ng m
RT: 13.65 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF092372.D
Acq: 20 Jan 2017 14:52

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-15-41-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.3	22.4	33.6
229	21.5	16.2	24.4

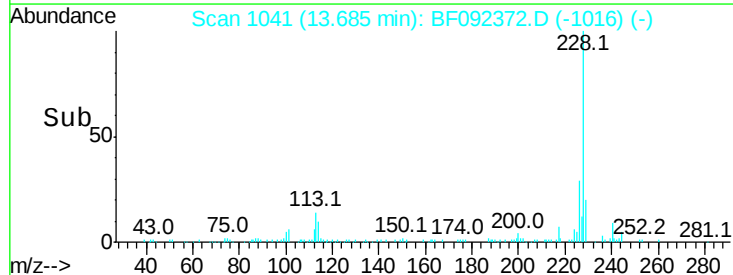
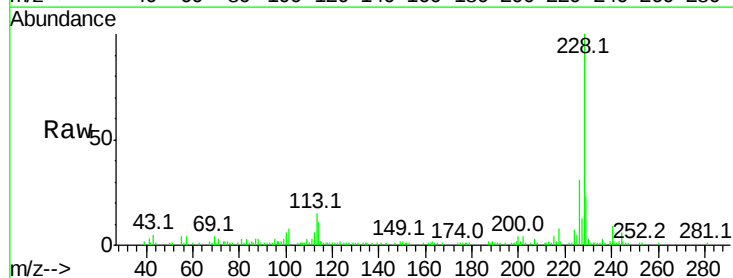
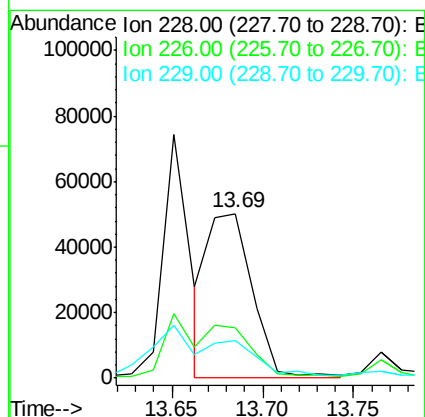
Manual Integrations
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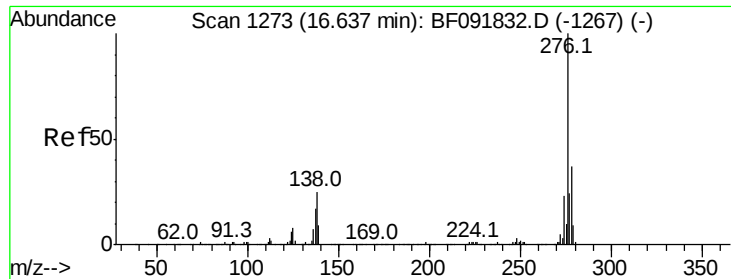
mohammad
1/23/2017 2:44:44 PM



#82
Chrysene
Concen: 3.47 ng m
RT: 13.69 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF092372.D
Acq: 20 Jan 2017 14:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.4	38.0
229	22.9	16.2	24.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 2.64 ng

RT: 16.23 min Scan# 1264

Delta R.T. 0.01 min

Lab File: BF092372.D

Acq: 20 Jan 2017 14:52

Instrument :

BNA_F

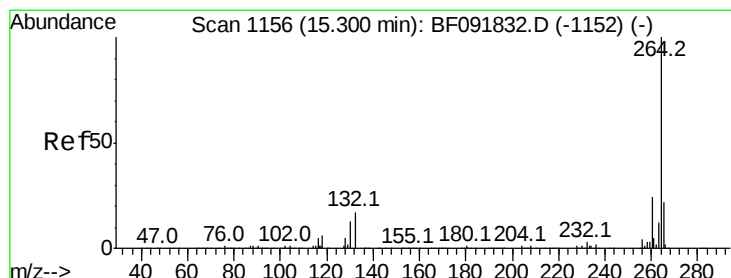
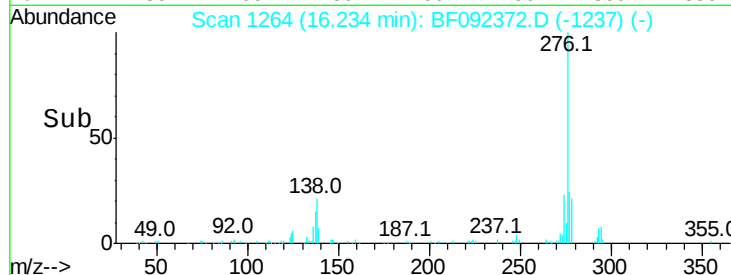
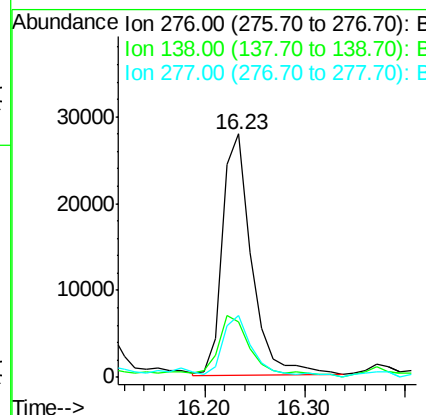
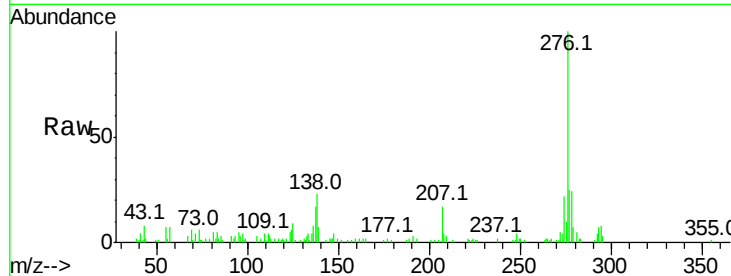
ClientSampleId :

ROLL-OFF-15-41-COMP

Tot Ion:	276	Resp:	56860
Ion Ratio	Lower	Upper	
276	100		
138	32.2	21.8	32.6
277	27.2	20.2	30.4

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#86

Perylene-d12

Concen: 20.00 ng

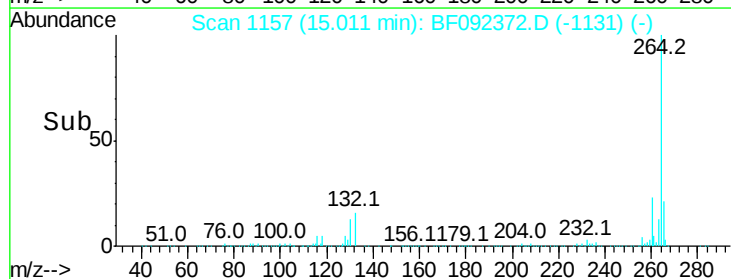
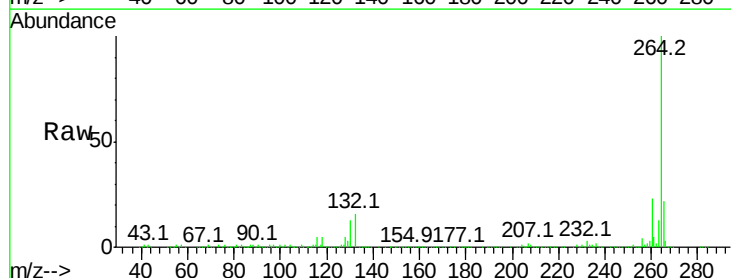
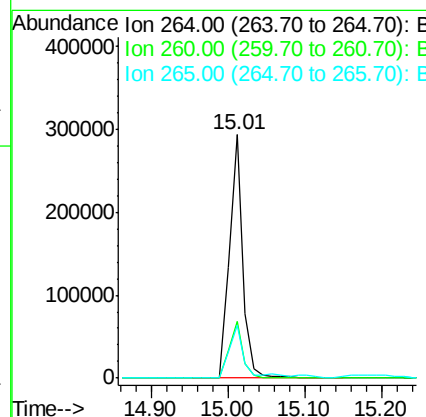
RT: 15.01 min Scan# 1157

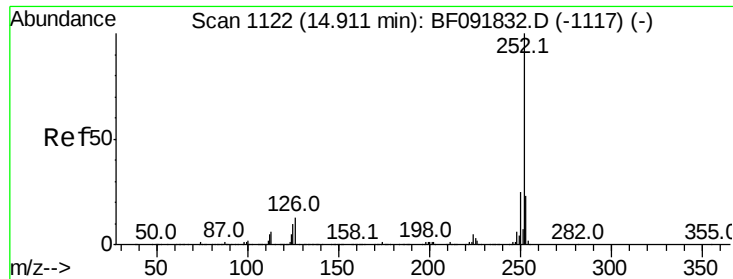
Delta R.T. -0.00 min

Lab File: BF092372.D

Acq: 20 Jan 2017 14:52

Tgt Ion:	264	Resp:	364678
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.2	28.8
265	21.5	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 8.07 ng m

RT: 14.66 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BF092372.D

Acq: 20 Jan 2017 14:52

Instrument :

BNA_F

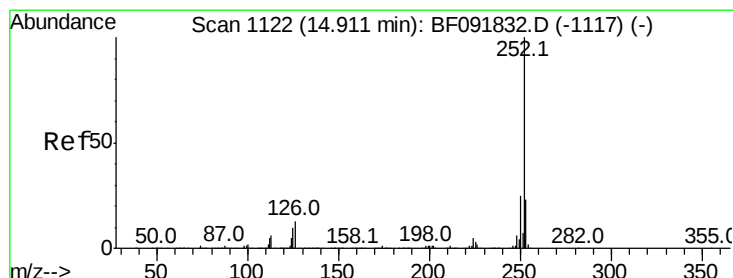
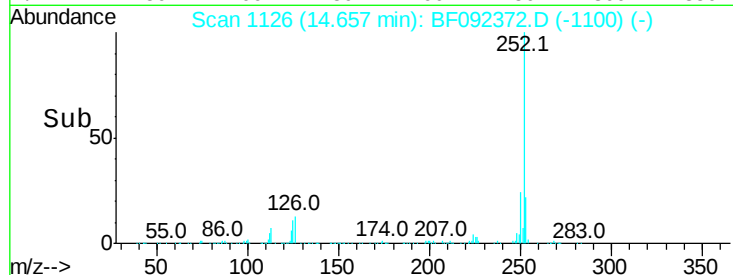
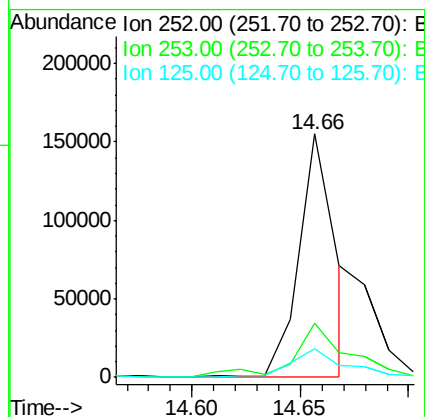
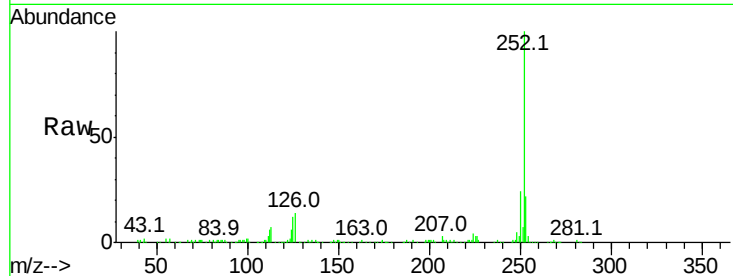
ClientSampleId :

ROLL-OFF-15-41-COMP

Tot Ion:	252	Resp:	183219
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.2	27.4
125	11.8	9.8	14.6

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#88

Benzo(k)fluoranthene

Concen: 2.99 ng m

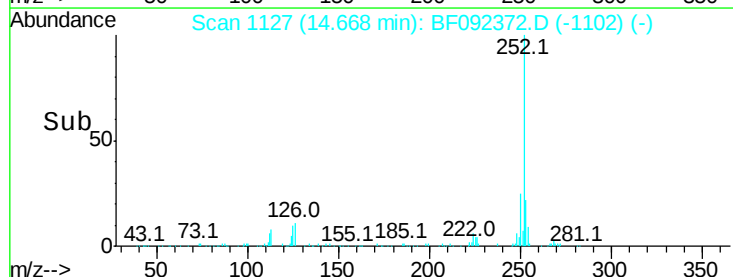
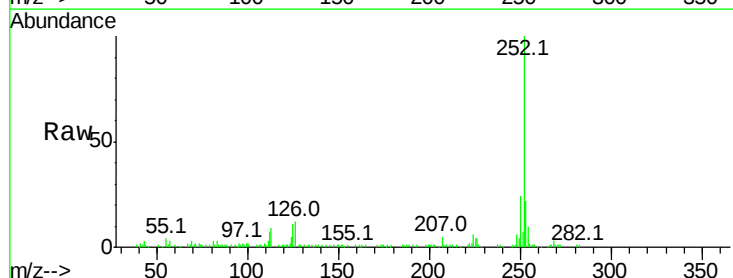
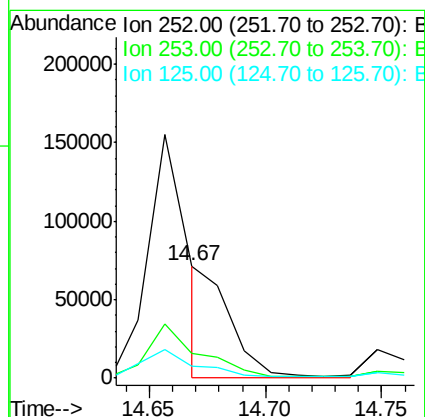
RT: 14.67 min Scan# 1127

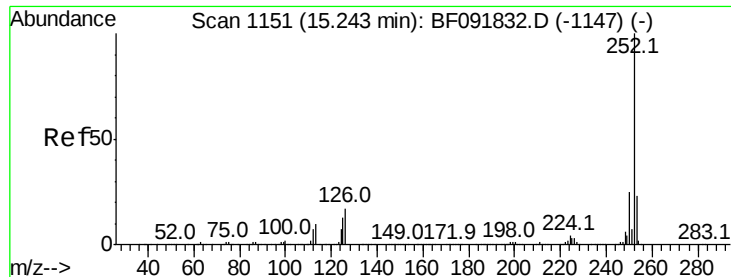
Delta R.T. -0.01 min

Lab File: BF092372.D

Acq: 20 Jan 2017 14:52

Tgt Ion:	252	Resp:	57966
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.5	27.7
125	11.2	8.9	13.3





#89

Benzo(a)pyrene

Concen: 5.02 ng

RT: 14.97 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF092372.D

Acq: 20 Jan 2017 14:52

Instrument :

BNA_F

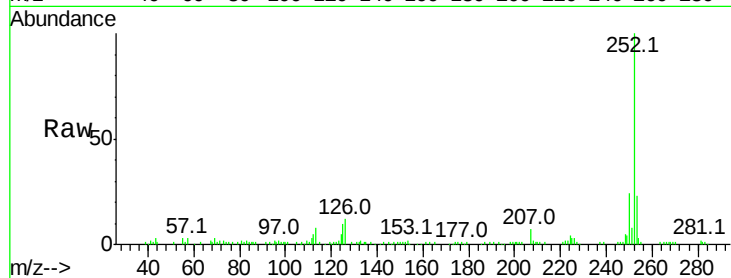
ClientSampleId :

ROLL-OFF-15-41-COMP

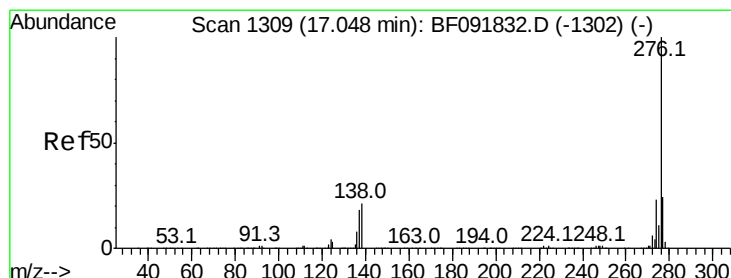
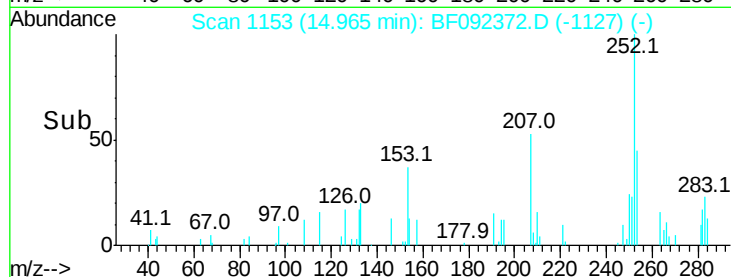
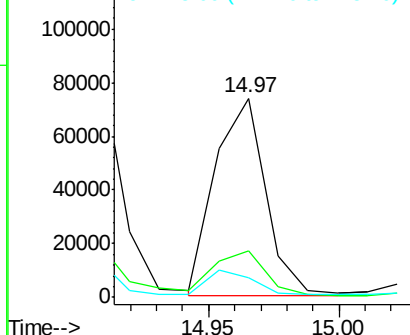
Tot Ion:	252	Resp:	101145
Ion Ratio		Lower	Upper
252	100		
253	23.1	18.2	27.2
125	10.0	10.0	15.0

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91

Benzo(g,h,i)perylene

Concen: 2.94 ng

RT: 16.59 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BF092372.D

Acq: 20 Jan 2017 14:52

Tgt Ion:	276	Resp:	50577
Ion Ratio		Lower	Upper
276	100		
277	24.5	19.2	28.8
138	25.3	16.0	24.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

