

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
 Data File : BF092388.D
 Acq On : 20 Jan 2017 22:34
 Operator : UM/SJ
 Sample : I1329-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S1-0-3FT-COMP

Manual Integrations
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mohammad
 1/23/2017 2:45:16 PM

Quant Time: Jan 21 00:14:21 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	108396	20.00	ng	0.00
21) Naphthalene-d8	7.81	136	427396	20.00	ng	0.00
38) Acenaphthene-d10	9.56	164	309066	20.00	ng	0.00
63) Phenanthrene-d10	11.03	188	414852	20.00	ng	0.00
75) Chrysene-d12	13.66	240	335242	20.00	ng	0.00
86) Perylene-d12	15.02	264	244643	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	79986	12.32	ng	0.03
7) Phenol-d6	6.19	99	596542	75.26	ng	0.00
23) Nitrobenzene-d5	7.10	82	504199	65.60	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	4613	1.80	ng	0.01
44) 2-Fluorobiphenyl	8.90	172	1225603	80.58	ng	0.00
78) Terphenyl-d14	12.62	244	818431	59.21	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.21	94	29390	3.25	ng	87
14) 1,2-Dichlorobenzene	6.69	146	16166	2.32	ng	92
30) 1,2,4-Trichlorobenzene	7.76	180	34591	5.57	ng	97
49) Dimethylphthalate	9.30	163	253381	12.82	ng	99
70) Phenanthrene	11.06	178	156599	6.96	ng	98
74) Fluoranthene	12.24	202	161434	4.76	ng	94
77) Pyrene	12.46	202	168235	6.84	ng	96
80) Benzo(a)anthracene	13.66	228	68769	3.63	ng	97
82) Chrysene	13.70	228	58321	3.07	ng	98
87) Benzo(b)fluoranthene	14.67	252	60397m	3.97	ng	
89) Benzo(a)pyrene	14.97	252	37085	2.74	ng	# 84

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

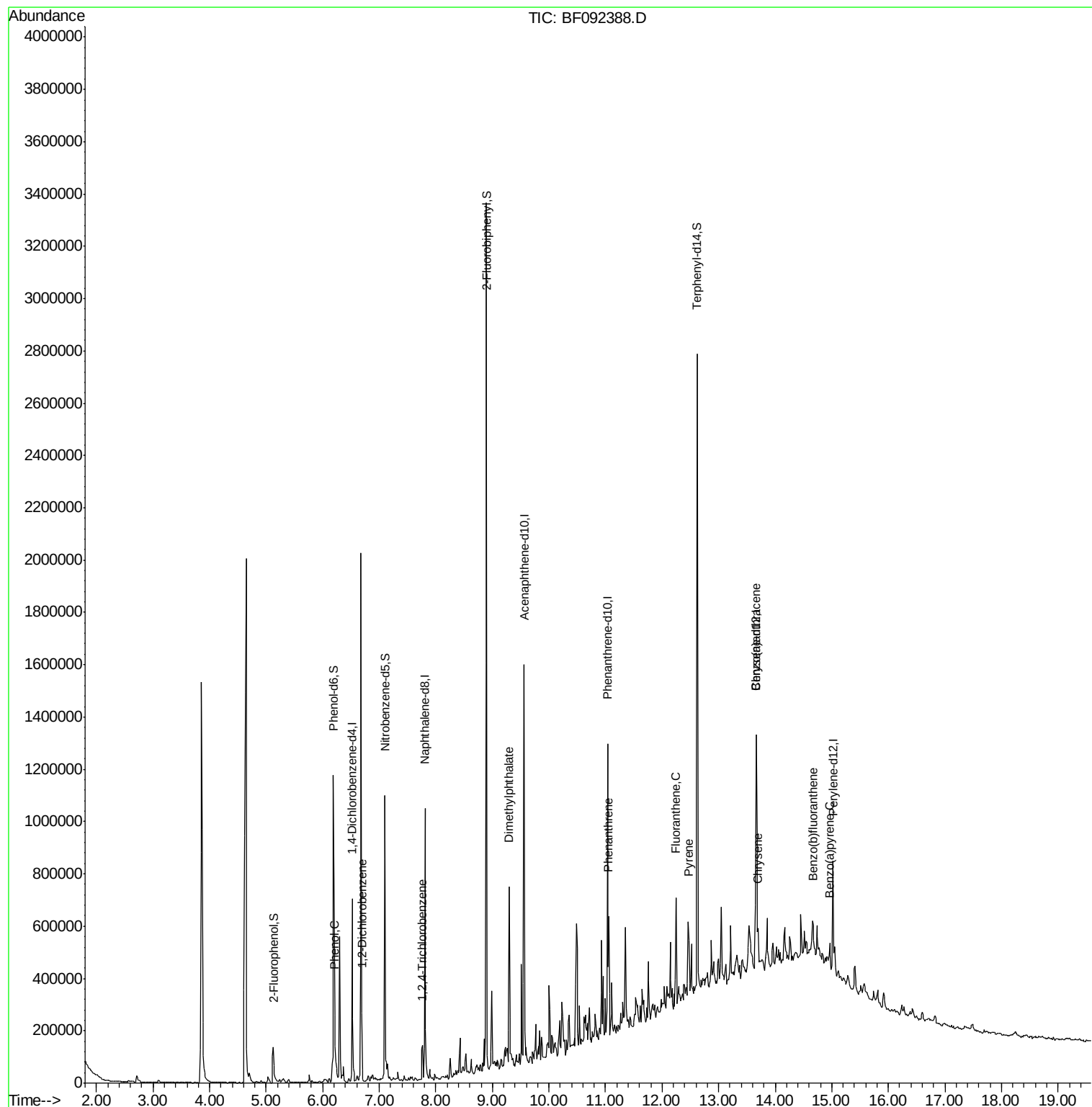
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
Data File : BF092388.D
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ALS Vial : 24 Sample Multiplier: 1

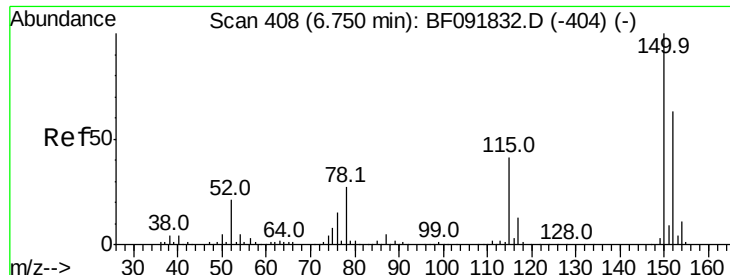
Instrument :
BNA_F
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S1-0-3FT-COMP

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF092388.D

Acq: 20 Jan 2017 22:34

Instrument :

BNA_F

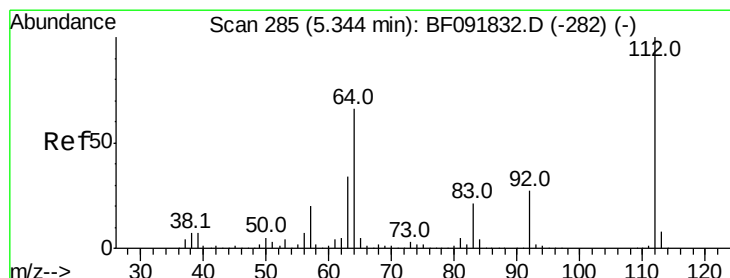
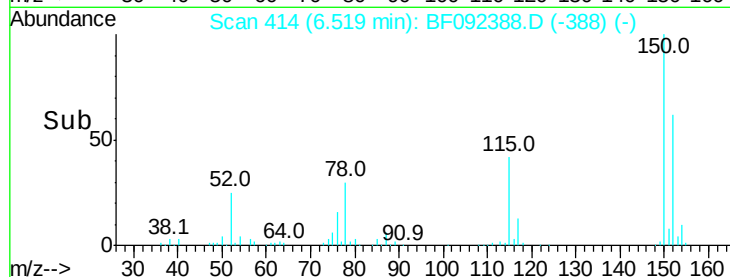
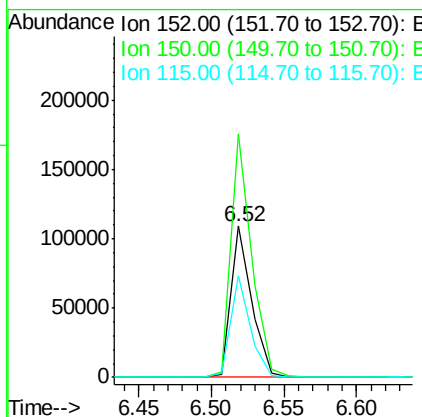
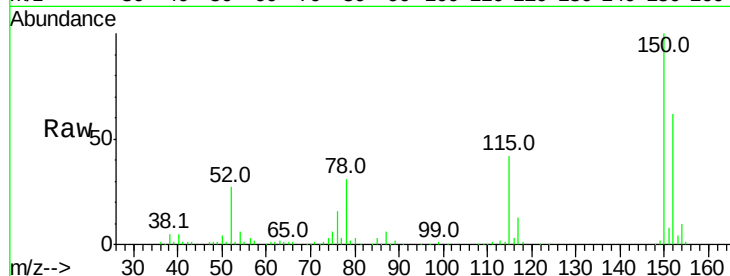
ClientSampleId :

S1-0-3FT-COMP

Tot Ion:	152	Resp:	108396
Ion Ratio	Lower	Upper	
152	100		
150	161.0	124.9	187.3
115	67.1	46.0	69.0

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#5

2-Fluorophenol

Concen: 12.32 ng

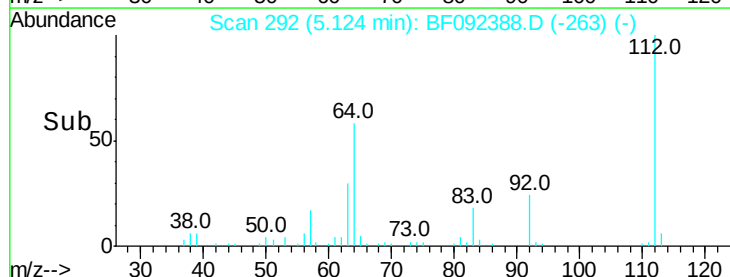
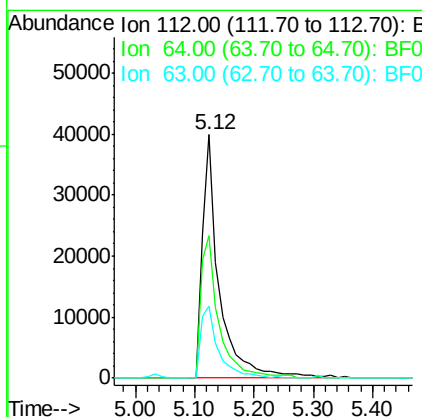
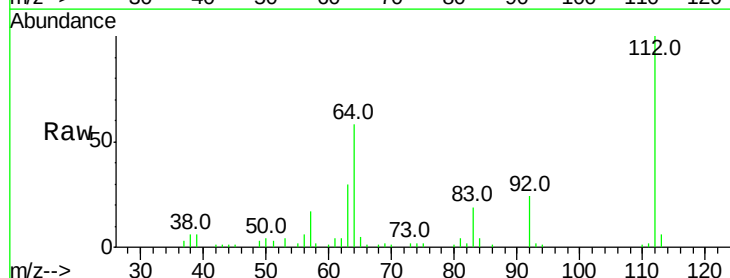
RT: 5.12 min Scan# 292

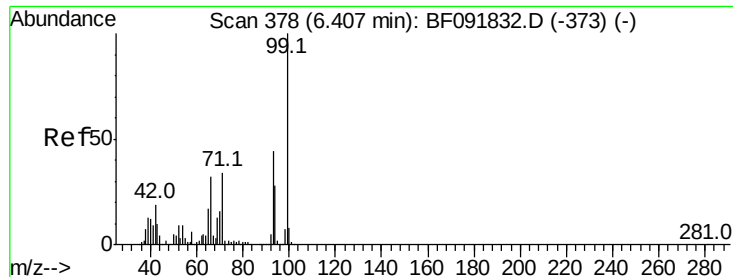
Delta R.T. 0.03 min

Lab File: BF092388.D

Acq: 20 Jan 2017 22:34

Tgt Ion:	112	Resp:	79986
Ion Ratio	Lower	Upper	
112	100		
64	58.5	46.1	69.1
63	29.8	23.8	35.6





#7

Phenol-d6

Concen: 75.26 ng

RT: 6.19 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF092388.D

Acq: 20 Jan 2017 22:34

Instrument :

BNA_F

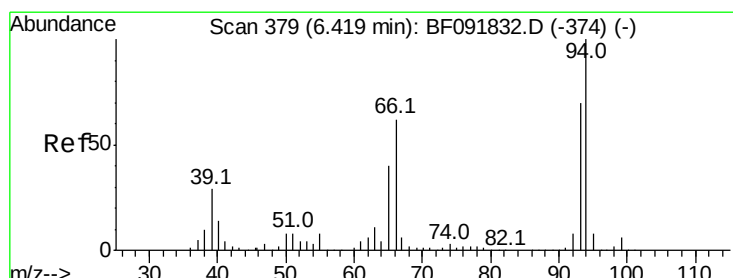
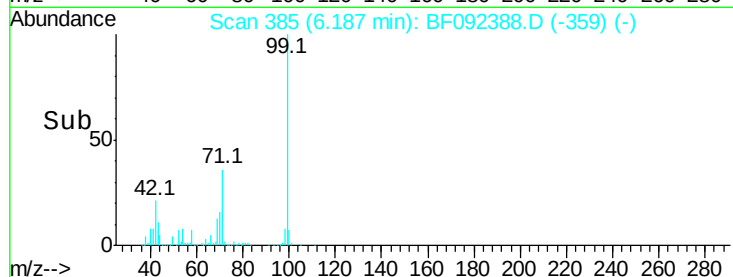
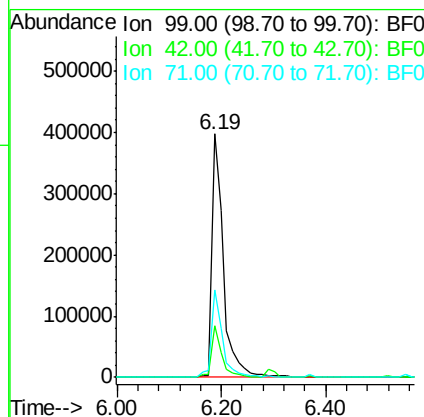
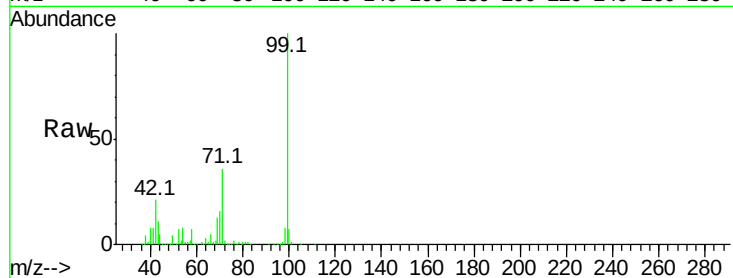
ClientSampleId :

S1-0-3FT-COMP

Tot Ion:	99	Resp:	596542
Ion	Ratio	Lower	Upper
99	100		
42	21.2	15.6	23.4
71	35.8	27.5	41.3

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#10

Phenol

Concen: 3.25 ng

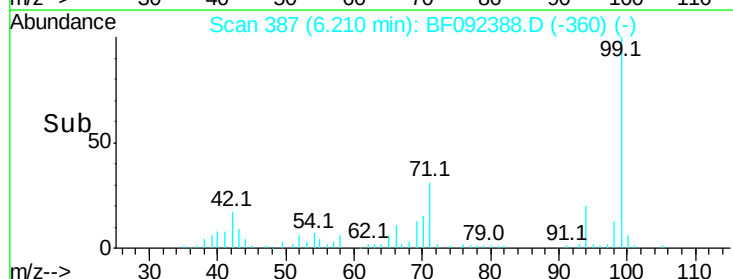
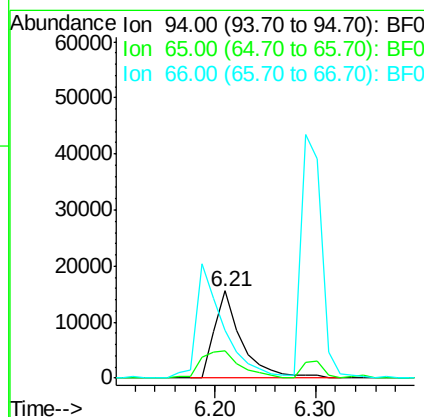
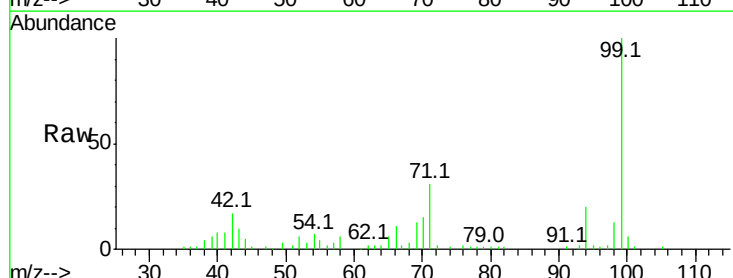
RT: 6.21 min Scan# 387

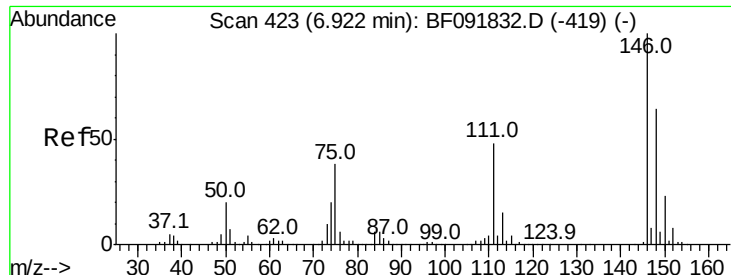
Delta R.T. 0.01 min

Lab File: BF092388.D

Acq: 20 Jan 2017 22:34

Tgt Ion:	94	Resp:	29390
Ion	Ratio	Lower	Upper
94	100		
65	31.8	21.4	61.4
66	54.7	44.0	84.0





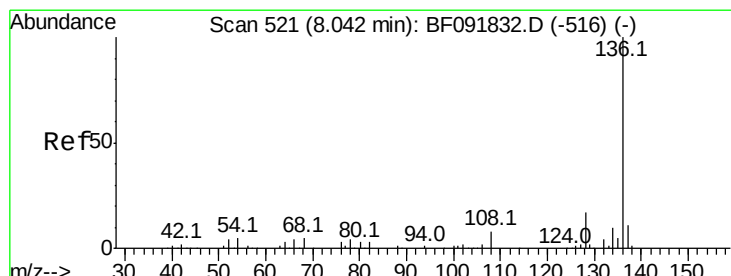
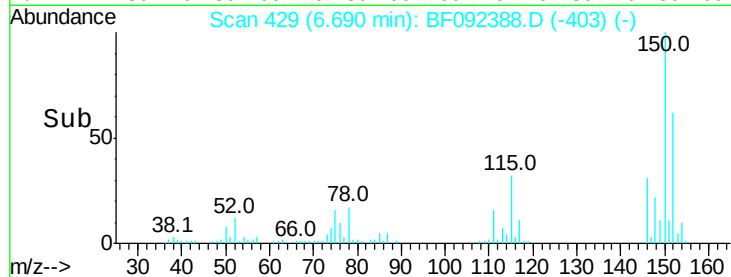
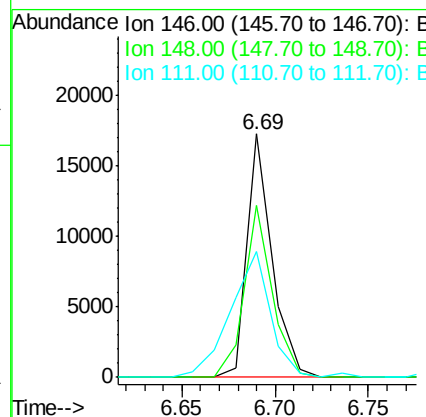
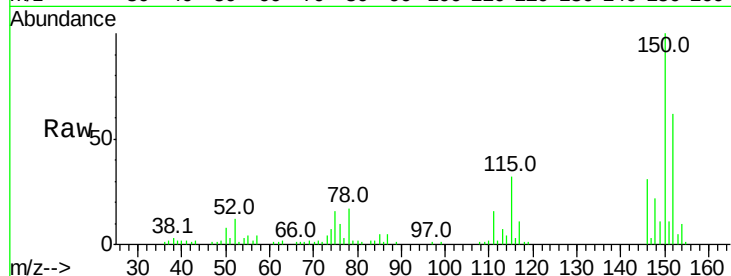
#14
 1,2-Dichlorobenzene
 Concen: 2.32 ng
 RT: 6.69 min Scan# 429
 Delta R.T. -0.00 min
 Lab File: BF092388.D
 Acq: 20 Jan 2017 22:34

Instrument :
 BNA_F
 ClientSampleId :
 S1-0-3FT-COMP

Tot Ion	Ratio	Lower	Upper
146	100		
148	70.7	52.2	78.2
111	51.9	36.2	54.2

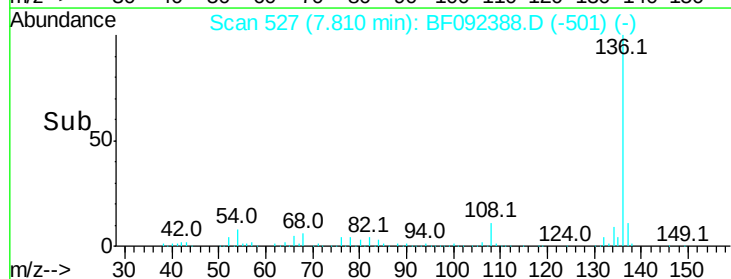
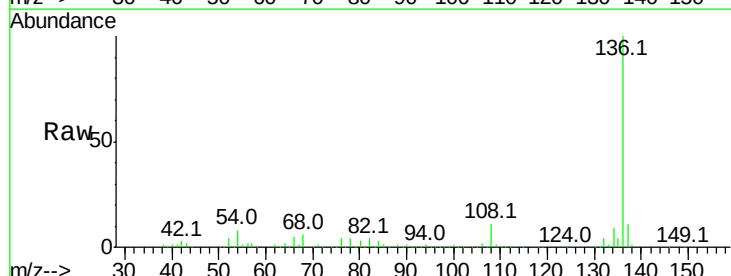
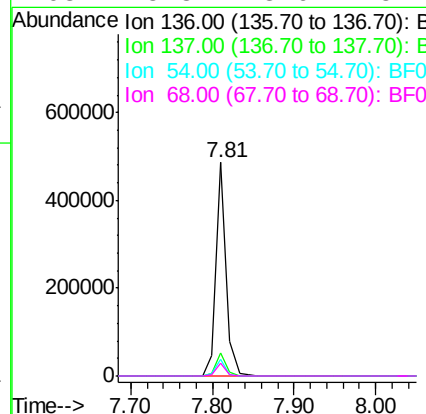
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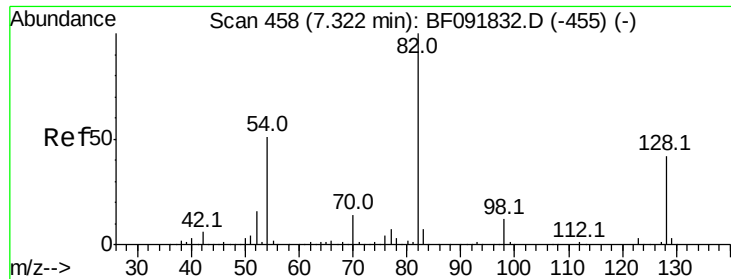
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#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 7.81 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: BF092388.D
 Acq: 20 Jan 2017 22:34

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	8.0	4.5	6.7#
68	5.8	3.6	5.4#





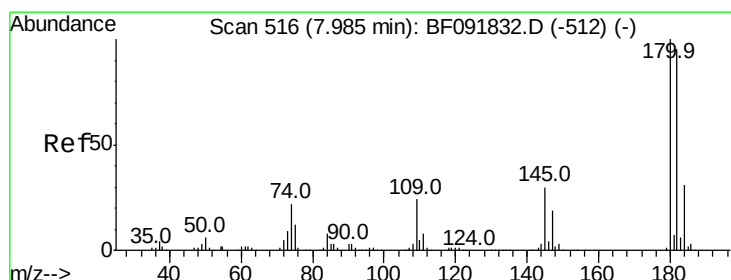
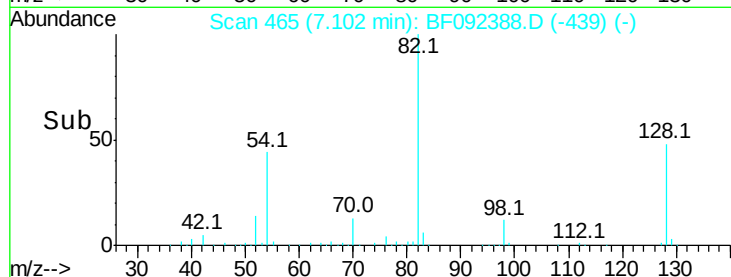
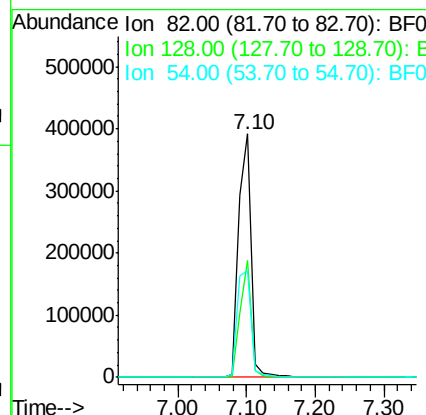
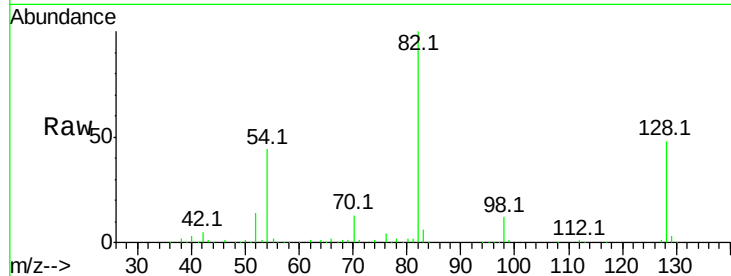
#23
 Nitrobenzene-d5
 Concen: 65.60 ng
 RT: 7.10 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF092388.D
 Acq: 20 Jan 2017 22:34

Instrument :
 BNA_F
 ClientSampleId :
 S1-0-3FT-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.3	34.6	52.0
54	44.0	39.5	59.3

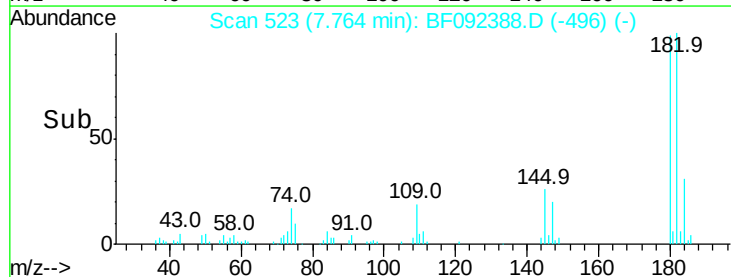
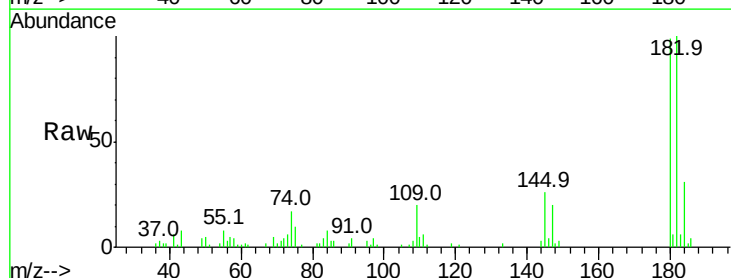
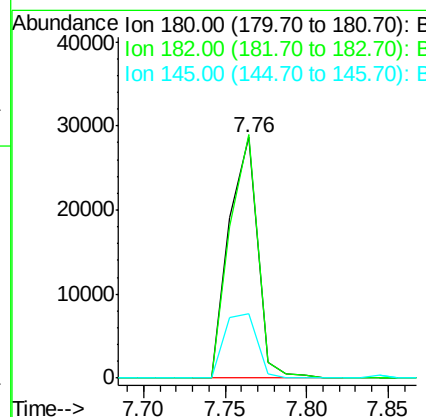
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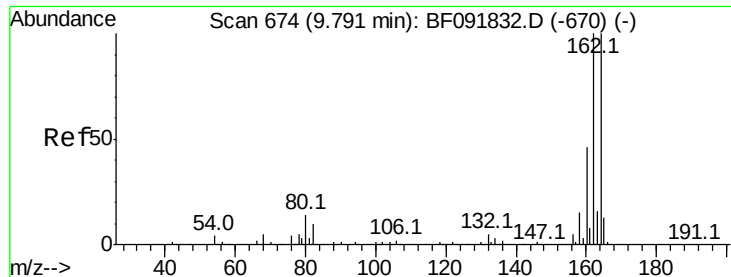
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#30
 1,2,4-Trichlorobenzene
 Concen: 5.57 ng
 RT: 7.76 min Scan# 523
 Delta R.T. 0.01 min
 Lab File: BF092388.D
 Acq: 20 Jan 2017 22:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.2	78.2	117.4
145	26.7	21.6	32.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.56 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF092388.D

Acq: 20 Jan 2017 22:34

Instrument :

BNA_F

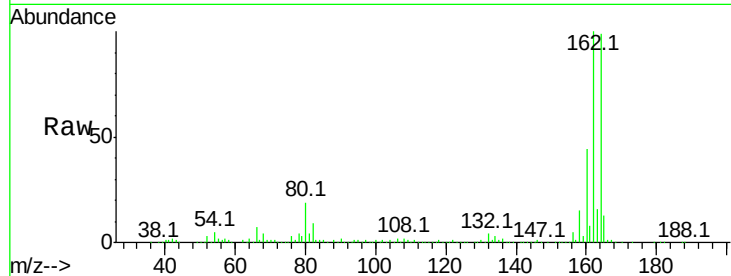
ClientSampleId :

S1-0-3FT-COMP

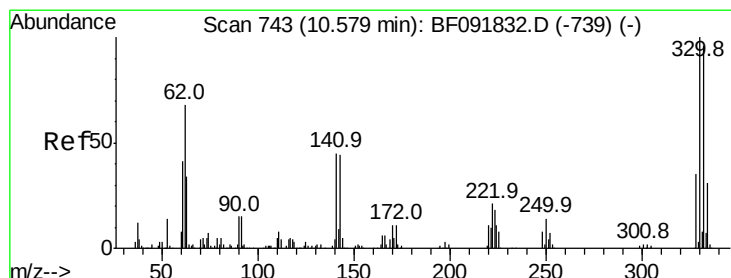
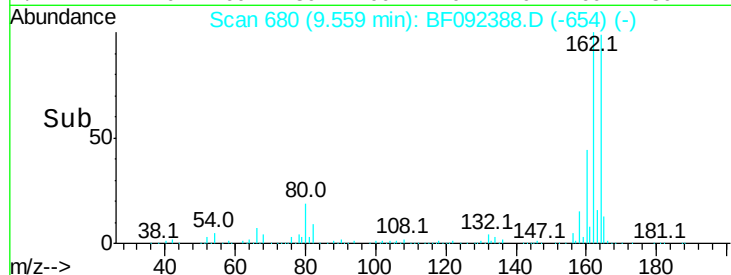
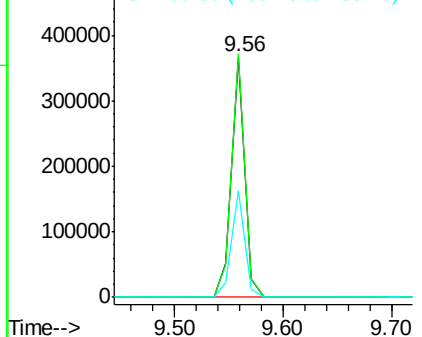
Tot Ion:	164	Resp:	309066
Ion Ratio	Lower	Upper	
164	100		
162	101.3	80.2	120.2
160	44.2	36.9	55.3

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 1.80 ng

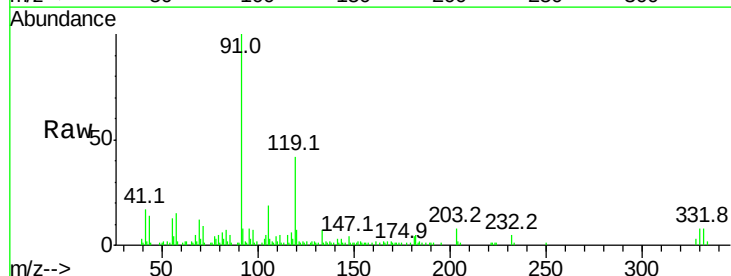
RT: 10.36 min Scan# 750

Delta R.T. 0.01 min

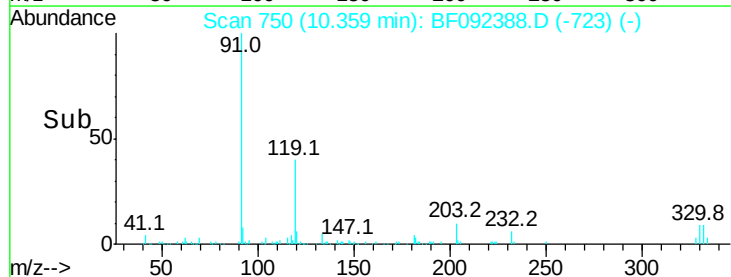
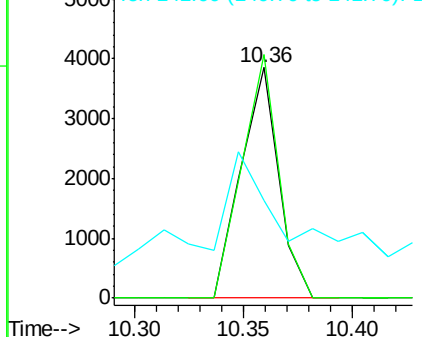
Lab File: BF092388.D

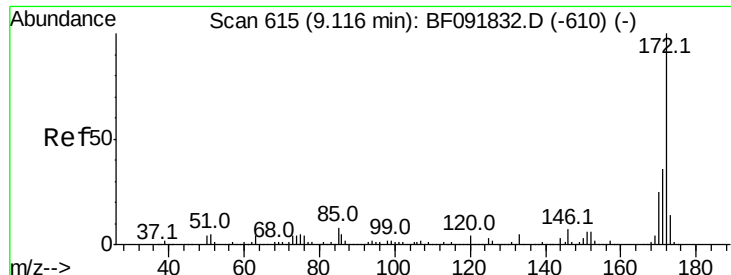
Acq: 20 Jan 2017 22:34

Tgt Ion:	330	Resp:	4613
Ion Ratio	Lower	Upper	
330	100		
332	102.9	77.4	116.2
141	99.7	34.1	51.1#



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





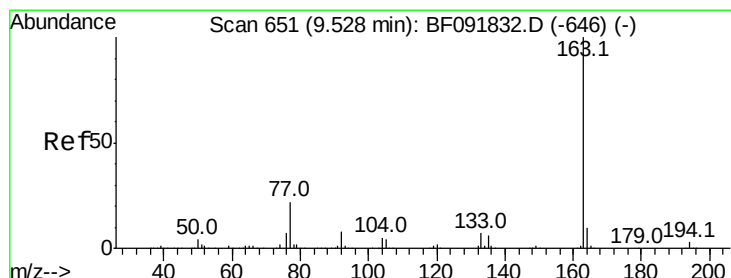
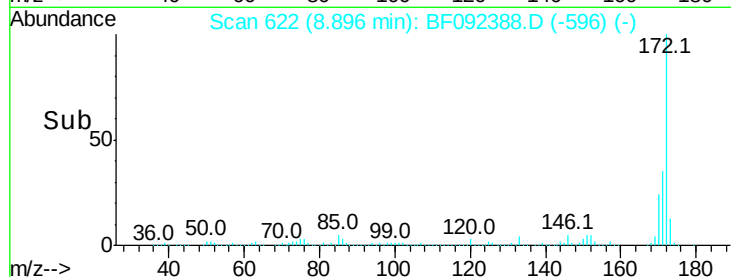
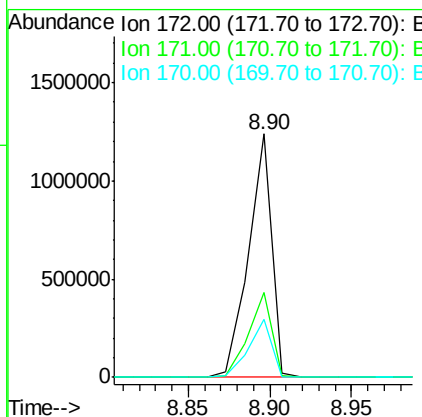
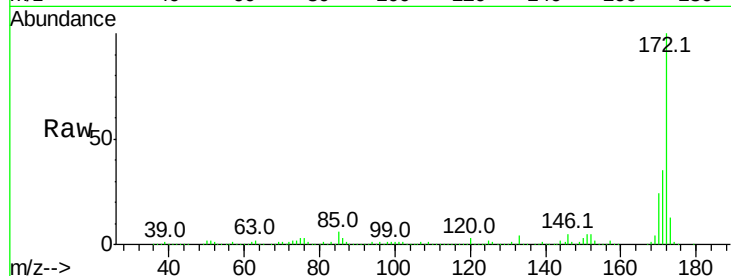
#44
2-Fluorobiphenyl
Concen: 80.58 ng
RT: 8.90 min Scan# 622
Delta R.T. -0.00 min
Lab File: BF092388.D
Acq: 20 Jan 2017 22:34

Instrument :
BNA_F
ClientSampleId :
S1-0-3FT-COMP

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.4	44.0
170	23.6	20.2	30.4

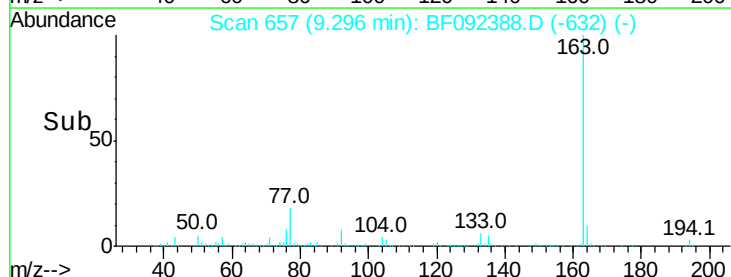
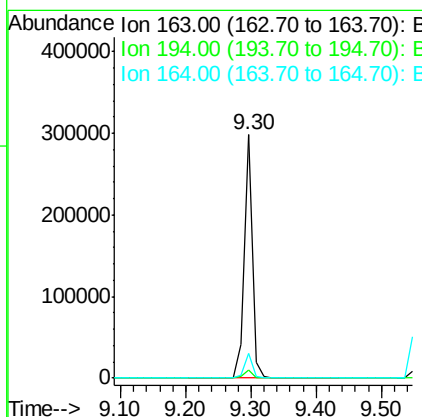
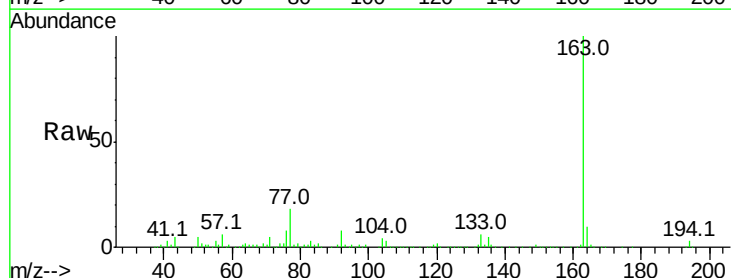
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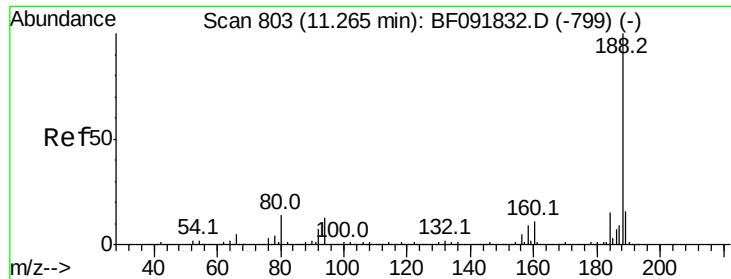
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#49
Dimethylphthalate
Concen: 12.82 ng
RT: 9.30 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF092388.D
Acq: 20 Jan 2017 22:34

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.0	4.4
164	9.9	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: BF092388.D

Acq: 20 Jan 2017 22:34

Instrument :

BNA_F

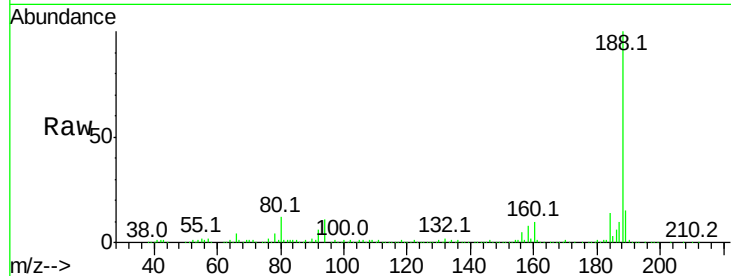
ClientSampleId :

S1-0-3FT-COMP

Tot Ion:	188	Resp:	414852
Ion Ratio	Lower	Upper	
188	100		
94	11.3	10.0	15.0
80	11.9	11.2	16.8

Manual Integrations
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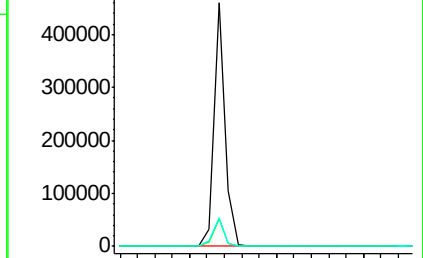
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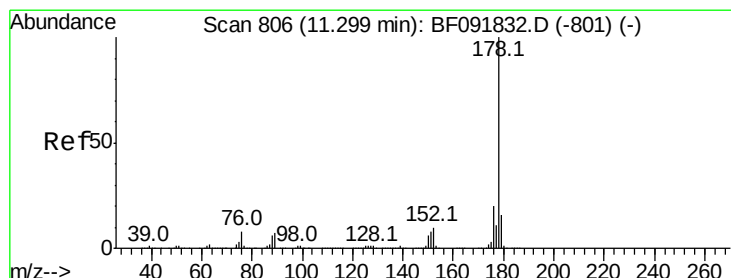
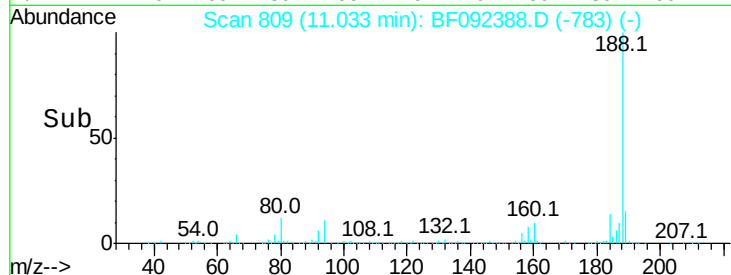
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#70

Phenanthrene

Concen: 6.96 ng

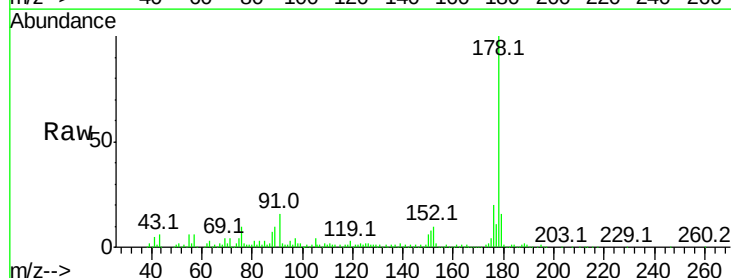
RT: 11.06 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF092388.D

Acq: 20 Jan 2017 22:34

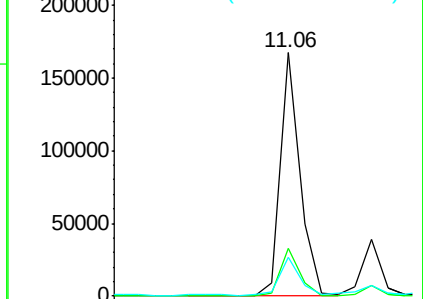
Tgt Ion:	178	Resp:	156599
Ion Ratio	Lower	Upper	
178	100		
176	19.6	16.6	25.0
179	16.1	12.8	19.2



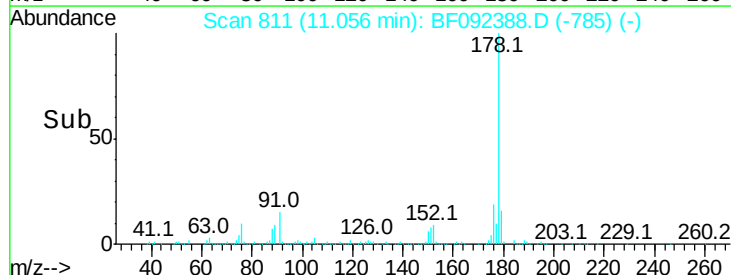
Abundance Ion 178.00 (177.70 to 178.70): E

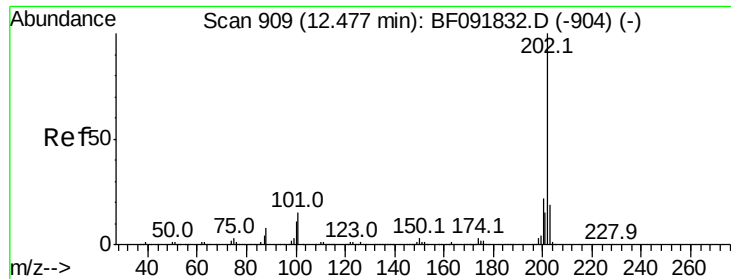
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





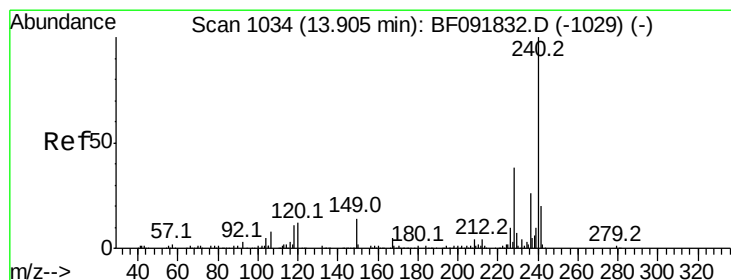
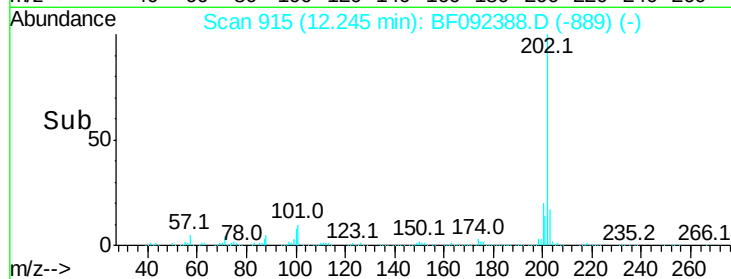
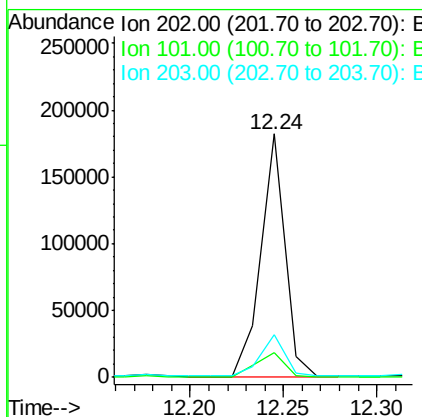
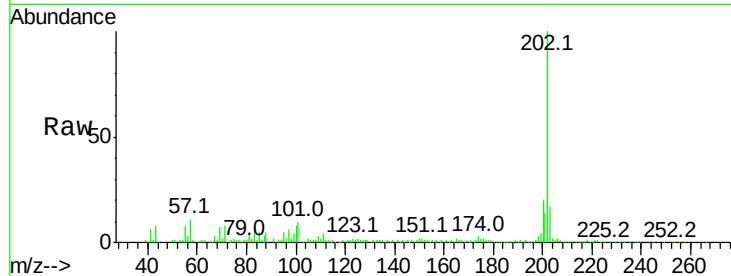
#74
Fluoranthene
Concen: 4.76 ng
RT: 12.24 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF092388.D
Acq: 20 Jan 2017 22:34

Instrument :
BNA_F
ClientSampleId :
S1-0-3FT-COMP

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.1	0.0	34.6
203	17.5	0.0	38.7

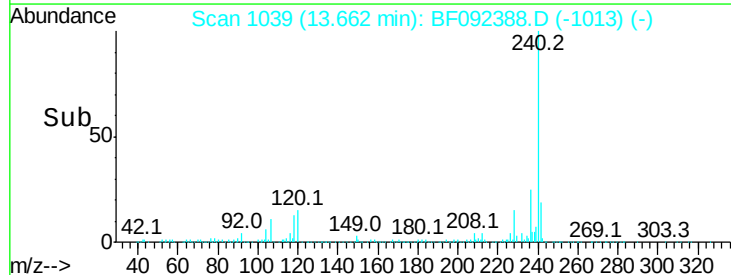
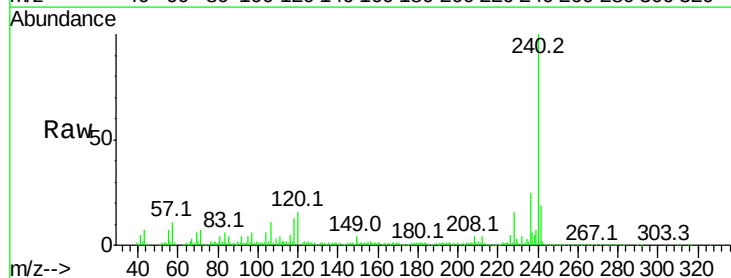
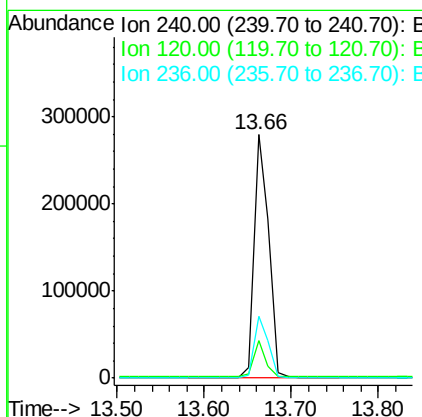
Manual Integrations
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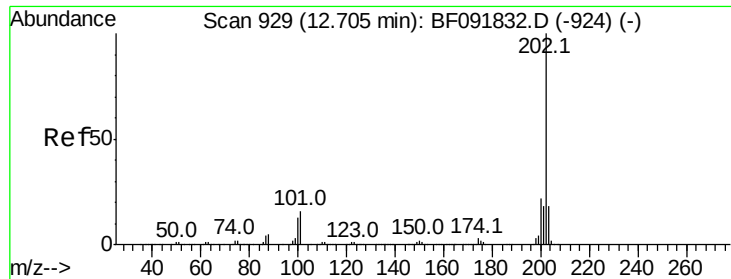
mohammad
1/23/2017 2:45:16 PM



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.66 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF092388.D
Acq: 20 Jan 2017 22:34

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.6	12.9	19.3
236	25.3	20.9	31.3





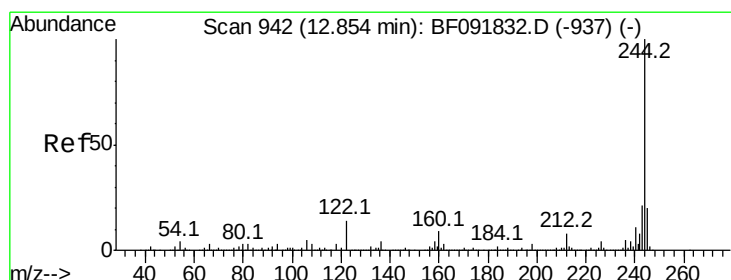
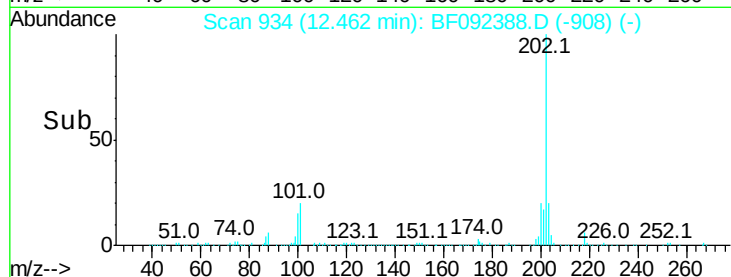
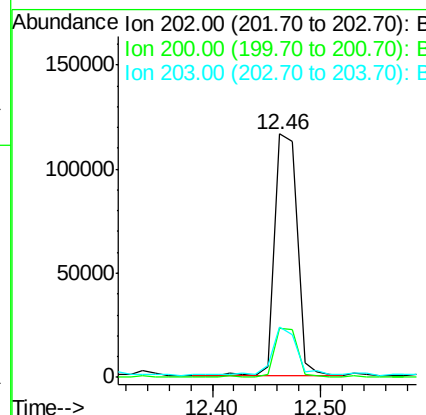
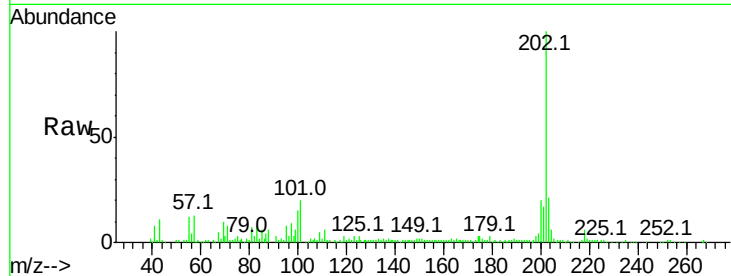
#77
Pvrene
Concen: 6.84 ng
RT: 12.46 min Scan# 934
Delta R.T. -0.00 min
Lab File: BF092388.D
Acq: 20 Jan 2017 22:34

Instrument :
BNA_F
ClientSampleId :
S1-0-3FT-COMP

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.7	26.5
203	20.7	14.7	22.1

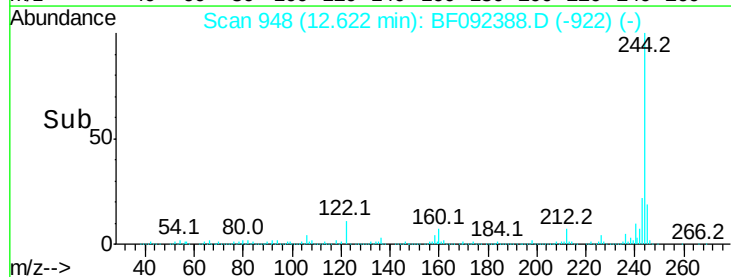
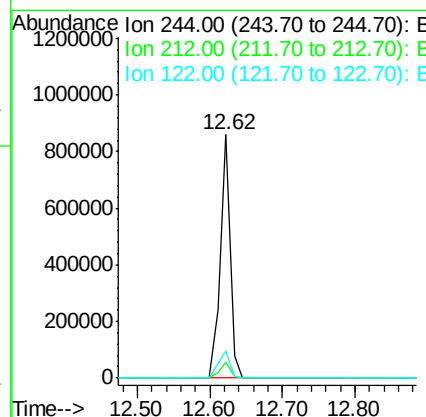
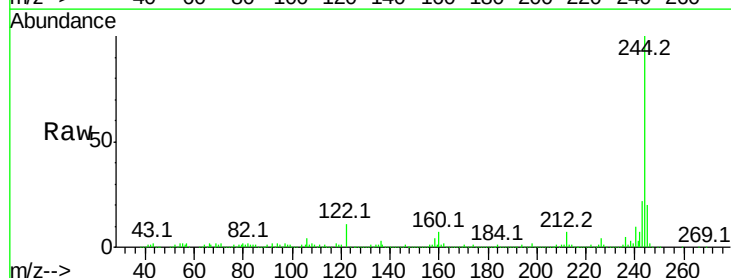
Manual Integrations
APPROVED

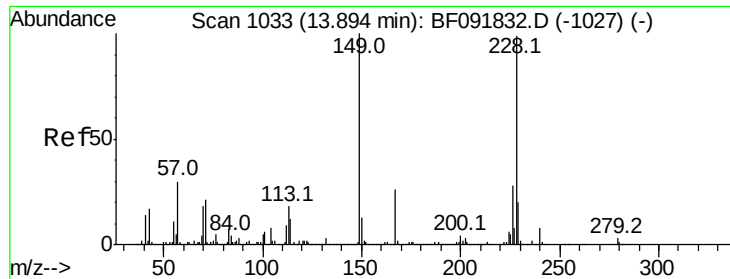
mohammad
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#78
Terphenyl-d14
Concen: 59.21 ng
RT: 12.62 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF092388.D
Acq: 20 Jan 2017 22:34

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.2	9.2
122	11.4	11.4	17.2#





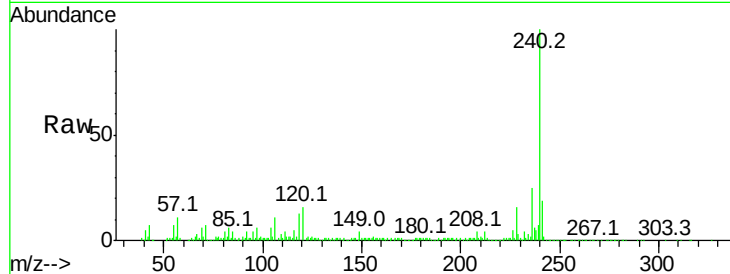
#80
Benzo(a)anthracene
Concen: 3.63 ng
RT: 13.66 min Scan# 1039
Delta R.T. 0.01 min
Lab File: BF092388.D
Acq: 20 Jan 2017 22:34

Instrument :
BNA_F
ClientSampleId :
S1-0-3FT-COMP

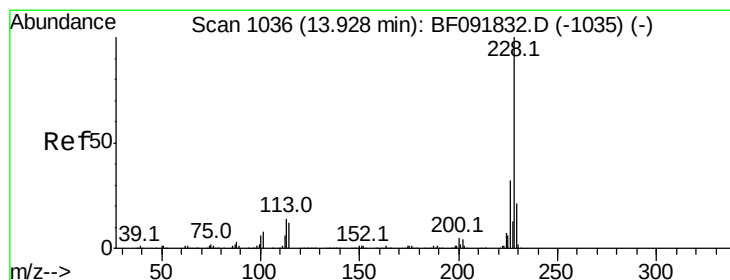
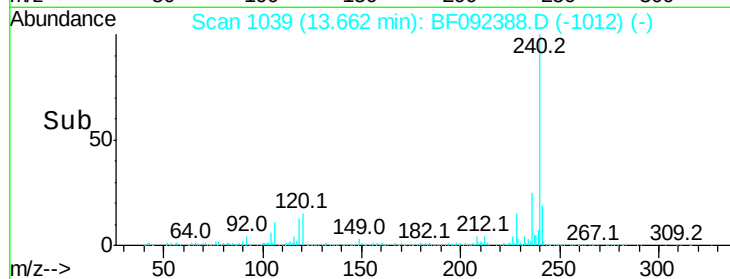
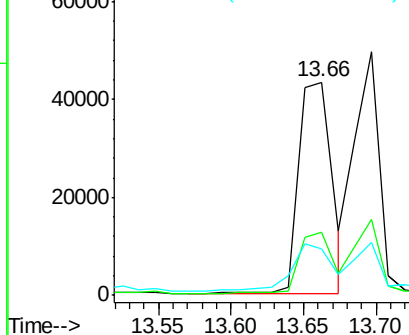
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.4	33.6
229	21.8	16.2	24.4

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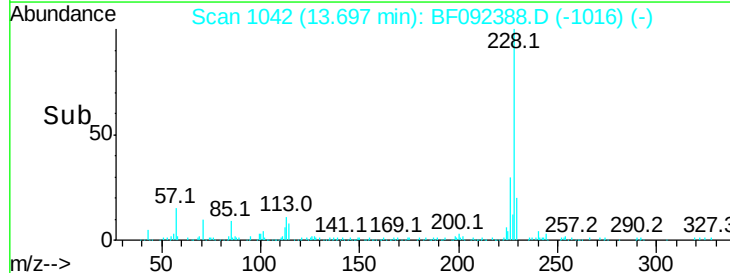
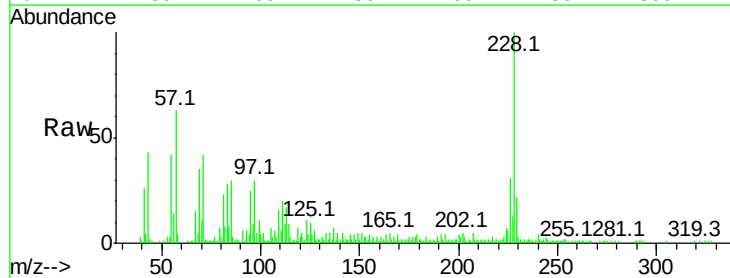
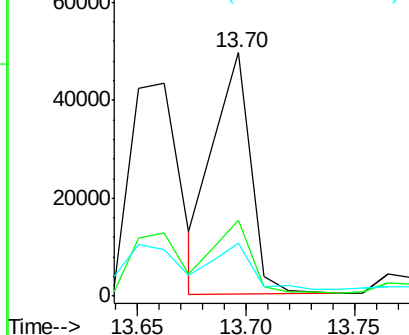
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

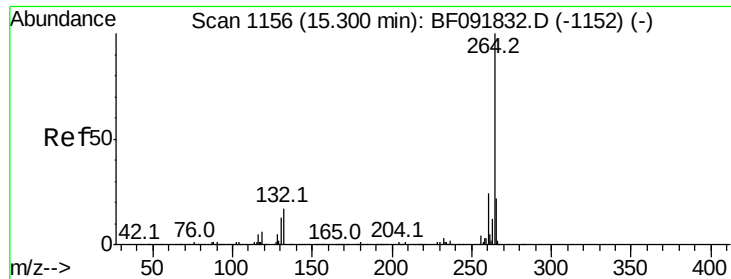


#82
Chrysene
Concen: 3.07 ng
RT: 13.70 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF092388.D
Acq: 20 Jan 2017 22:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.4	38.0
229	21.9	16.2	24.2

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





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.02 min Scan# 1158

Delta R.T. 0.01 min

Lab File: BF092388.D

Acq: 20 Jan 2017 22:34

Instrument :

BNA_F

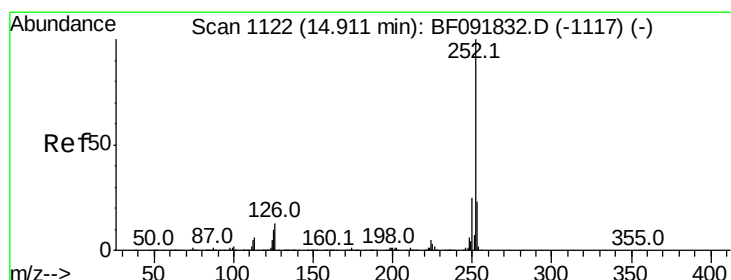
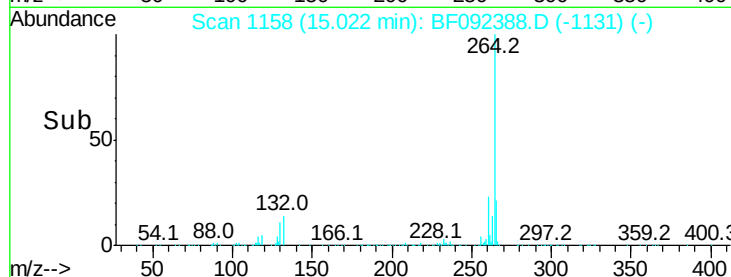
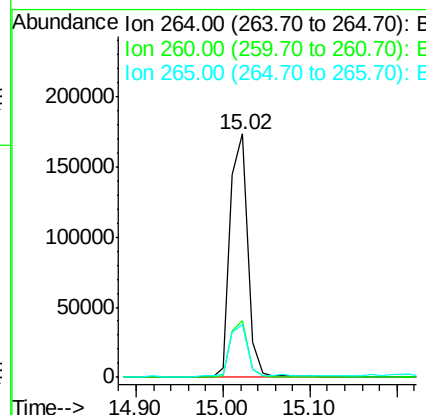
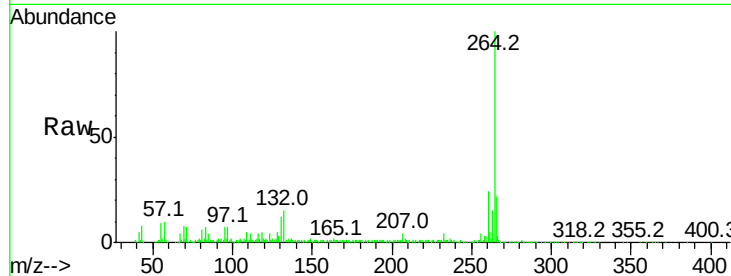
ClientSampleId :

S1-0-3FT-COMP

Tot Ion:	264	Resp:	244643
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.2	28.8
265	21.7	17.4	26.0

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#87

Benzo(b)fluoranthene

Concen: 3.97 ng m

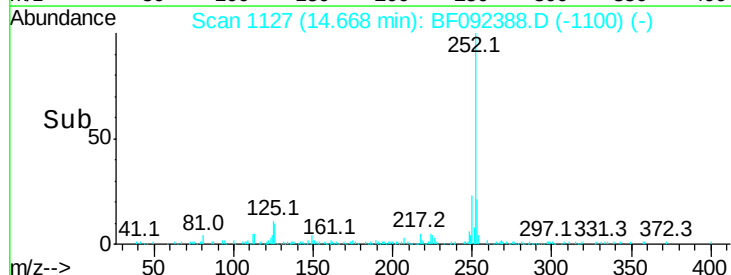
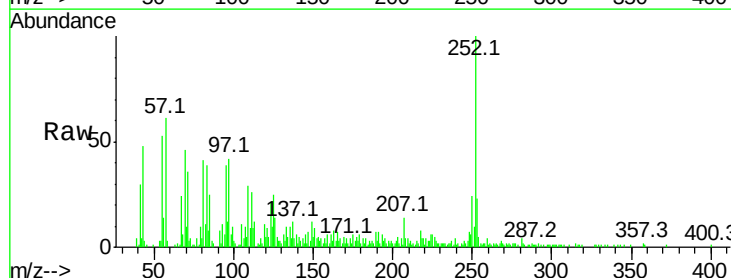
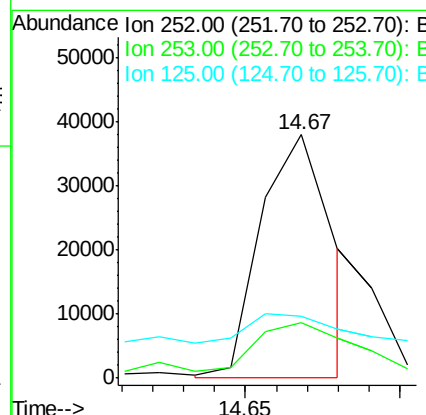
RT: 14.67 min Scan# 1127

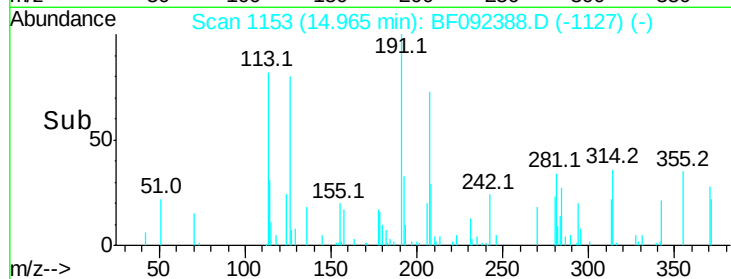
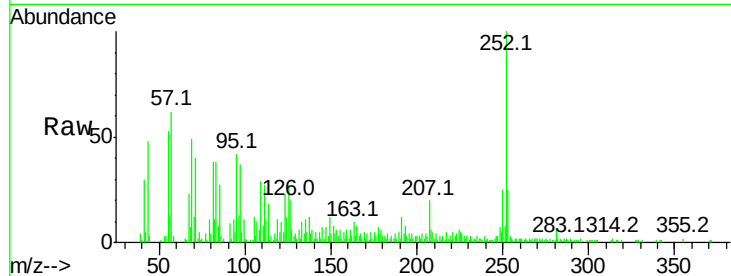
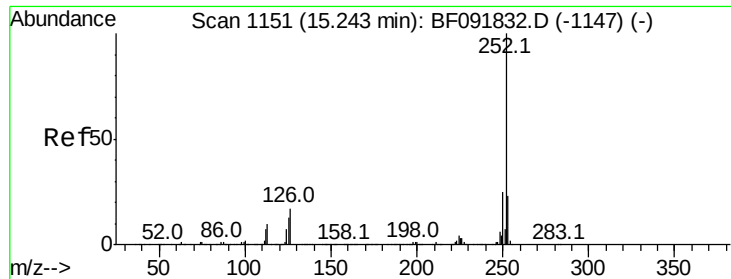
Delta R.T. 0.01 min

Lab File: BF092388.D

Acq: 20 Jan 2017 22:34

Tgt Ion:	252	Resp:	60397
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.2	27.4
125	25.3	9.8	14.6#





#89

Benzo(a)pyrene

Concen: 2.74 ng

RT: 14.97 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF092388.D

Acq: 20 Jan 2017 22:34

Instrument :

BNA_F

ClientSampleId :

S1-0-3FT-COMP

Tot Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
253	25.2	18.2	27.2		
125	26.6	10.0	15.0		

Manual Integrations
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