

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080517\
 Data File : BF097404.D
 Acq On : 5 Aug 2017 18:27
 Operator : SJ/JU
 Sample : I4558-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-6(0-10)COMP

Manual Integrations
 APPROVED

Sohil
 8/7/2017 6:00:48 PM

Quant Time: Aug 06 04:51:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 01:17:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.43	152	97208	20.00	ng	-0.07
21) Naphthalene-d8	7.71	136	385282	20.00	ng	-0.08
38) Acenaphthene-d10	9.45	164	144094	20.00	ng	-0.08
63) Phenanthrene-d10	10.92	188	201305	20.00	ng	-0.08
75) Chrysene-d12	13.54	240	182807	20.00	ng	-0.08
86) Perylene-d12	14.88	264	118448	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	774379	120.09	ng	-0.07
7) Phenol-d6	6.10	99	974511	132.38	ng	-0.06
23) Nitrobenzene-d5	7.00	82	443590	67.54	ng	-0.08
41) 2,4,6-Tribromophenol	10.24	330	121742	106.93	ng	-0.08
44) 2-Fluorobiphenyl	8.79	172	684277	80.59	ng	-0.08
78) Terphenyl-d14	12.50	244	463563	51.70	ng	-0.08
Target Compounds						
10) Phenol	6.11	94	39959	4.576	ng	Qvalue 80
49) Dimethylphthalate	9.19	163	160109	14.632	ng	99
70) Phenanthrene	10.95	178	28782	2.668	ng	96
74) Fluoranthene	12.13	202	45176	4.275	ng	99
77) Pyrene	12.35	202	44903	3.000	ng	99
80) Benzo(a)anthracene	13.53	228	29773	2.517	ng	95
82) Chrysene	13.57	228	25983	2.250	ng	97
87) Benzo(b)fluoranthene	14.54	252	34957m	4.910	ng	
89) Benzo(a)pyrene	14.83	252	20372	3.126	ng	# 85
91) Benzo(g,h,i)perylene	16.44	276	11606	2.071	ng	94

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

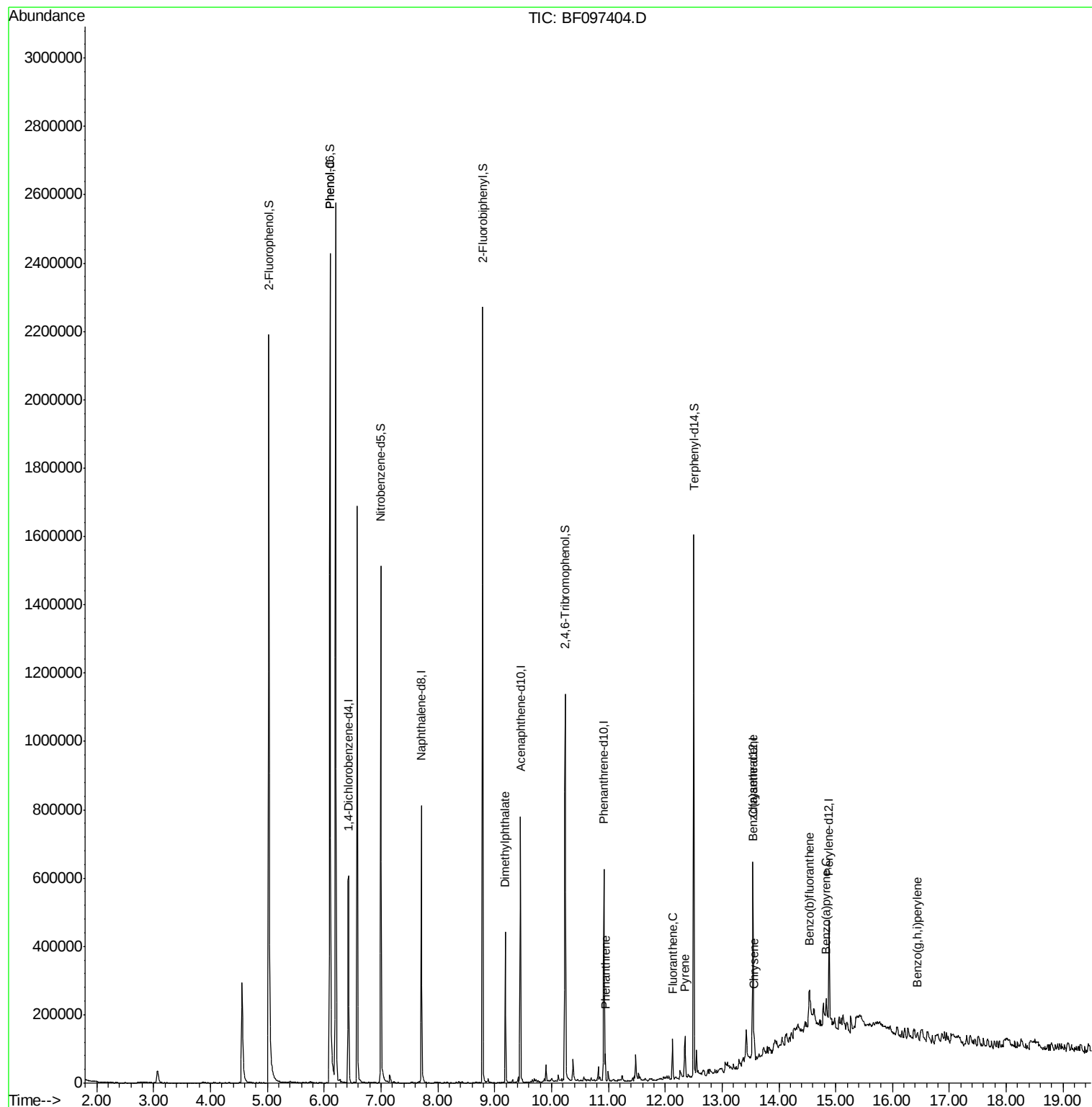
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080517\
Data File : BF097404.D
Acq On : 5 Aug 2017 18:27
Operator : SJ/JU
Sample : I4558-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

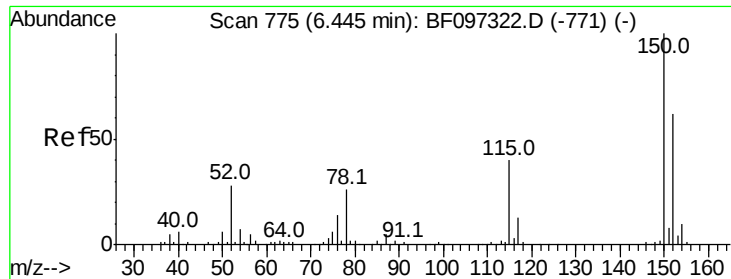
Instrument :
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B-6(0-10)COMP

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Quant Time: Aug 06 04:51:37 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

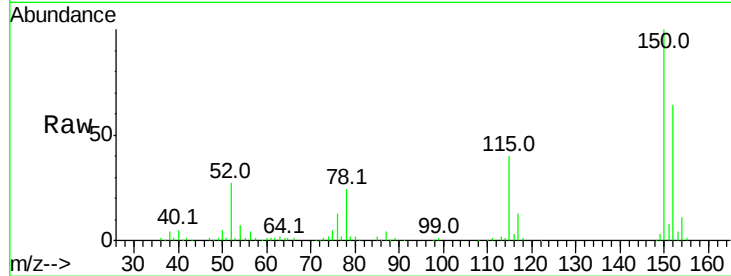
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.43 min Scan# 789
Delta R.T. -0.07 min
Lab File: BF097404.D
Acq: 5 Aug 2017 18:27

Instrument :
BNA_F
ClientSampleId :
B-6(0-10)COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.2	189.2
115	61.8	52.2	78.2

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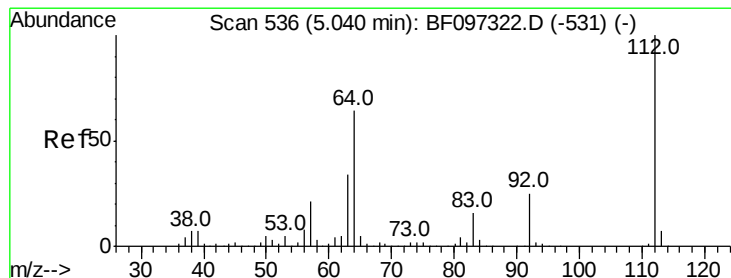
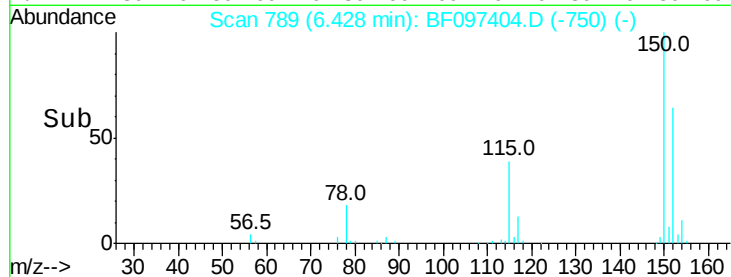
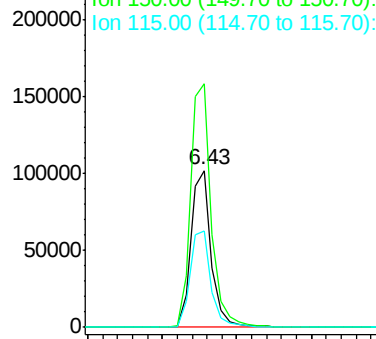


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

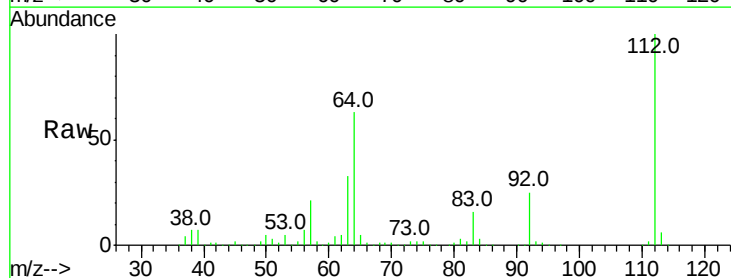
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 120.090 ng
RT: 5.03 min Scan# 551
Delta R.T. -0.07 min
Lab File: BF097404.D
Acq: 5 Aug 2017 18:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.4	46.0	69.0
63	32.8	23.4	35.0

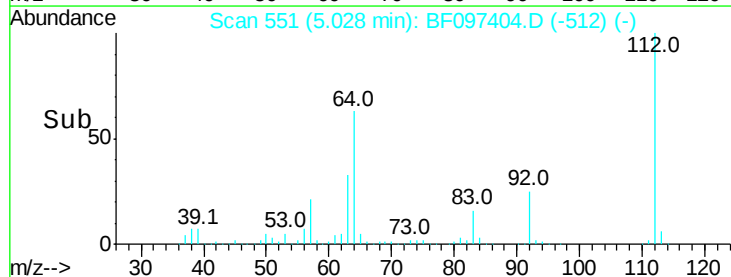
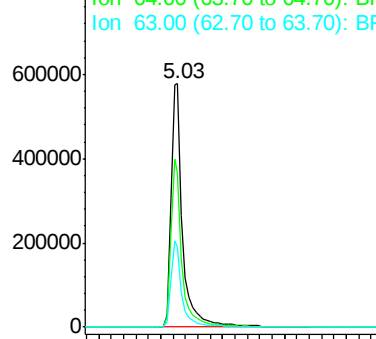


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 132.379 ng

RT: 6.10 min Scan# 734

Delta R.T. -0.06 min

Lab File: BF097404.D

Acq: 5 Aug 2017 18:27

Instrument :

BNA_F

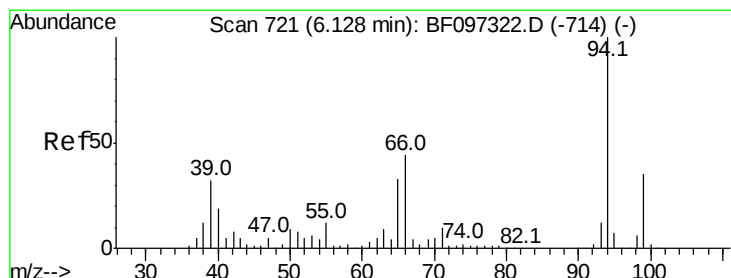
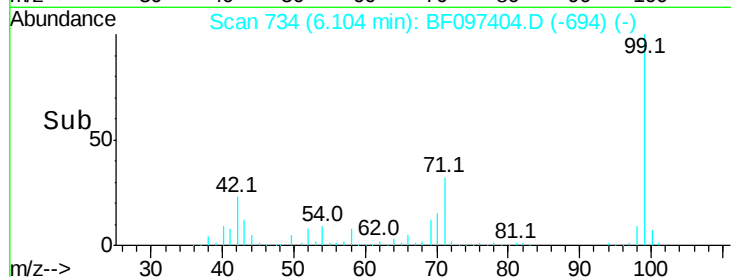
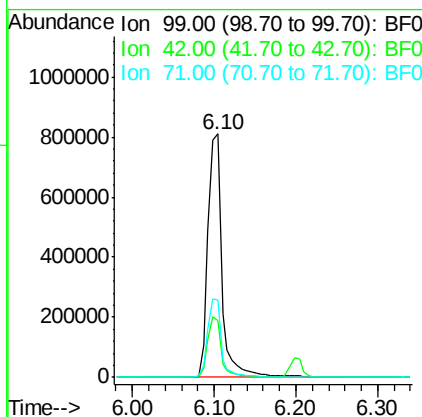
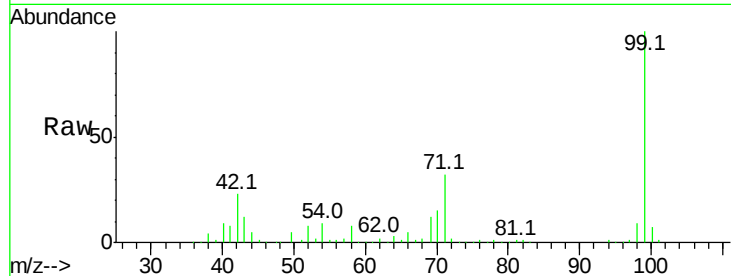
ClientSampled :

B-6(0-10)COMP

Tot Ion:	99	Resp:	974511
Ion Ratio	Lower	Upper	
99	100		
42	23.2	13.5	20.3#
71	31.7	24.5	36.7

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#10

Phenol

Concen: 4.576 ng

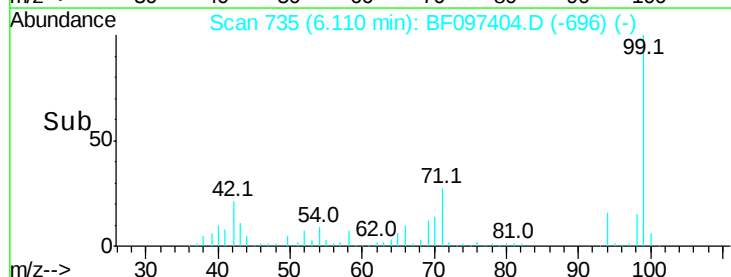
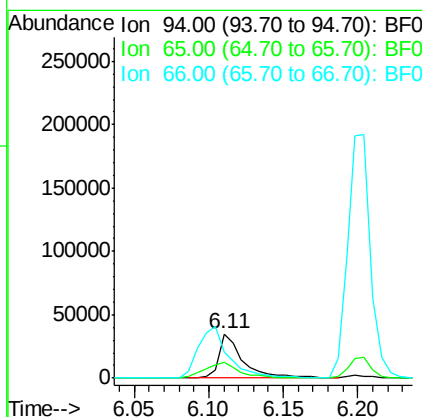
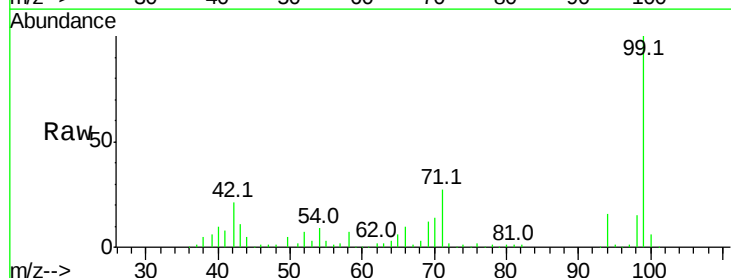
RT: 6.11 min Scan# 735

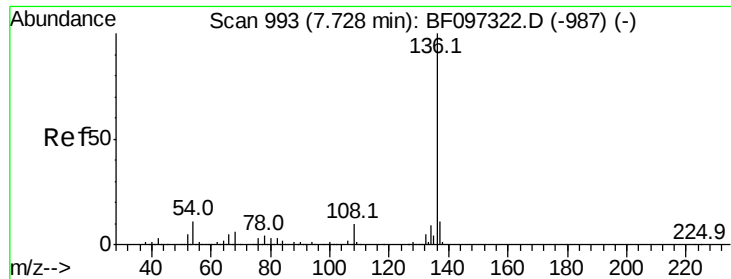
Delta R.T. -0.07 min

Lab File: BF097404.D

Acq: 5 Aug 2017 18:27

Tgt Ion:	94	Resp:	39959
Ion Ratio	Lower	Upper	
94	100		
65	36.4	9.9	49.9
66	59.6	23.1	63.1





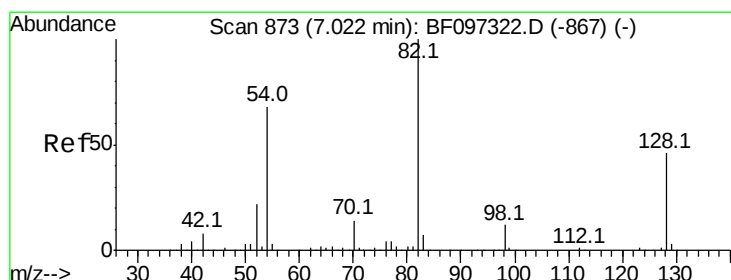
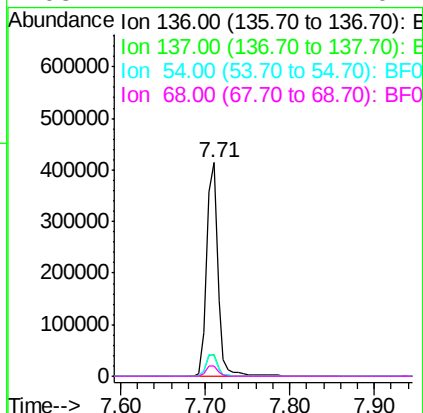
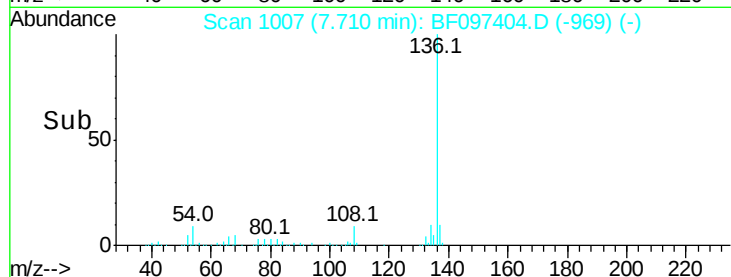
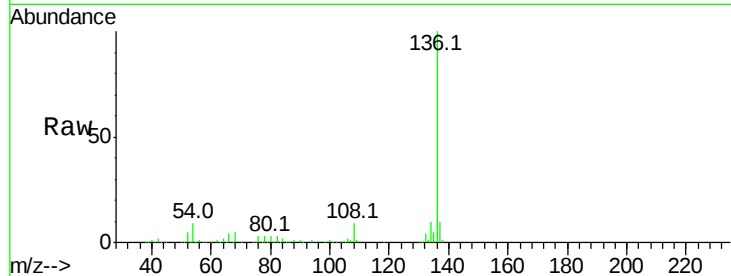
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.71 min Scan# 1007
Delta R.T. -0.08 min
Lab File: BF097404.D
Acq: 5 Aug 2017 18:27

Instrument :
BNA_F
ClientSampleId :
B-6(0-10)COMP

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.2	8.5	12.7	
54	9.5	4.9	7.3#	
68	4.7	4.1	6.1	

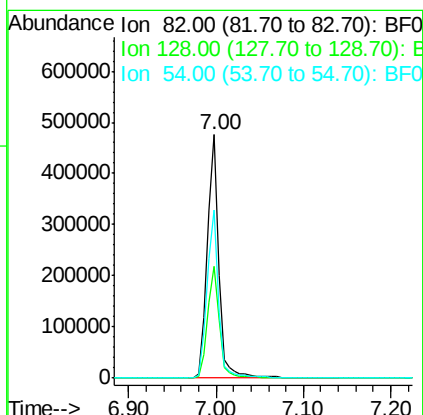
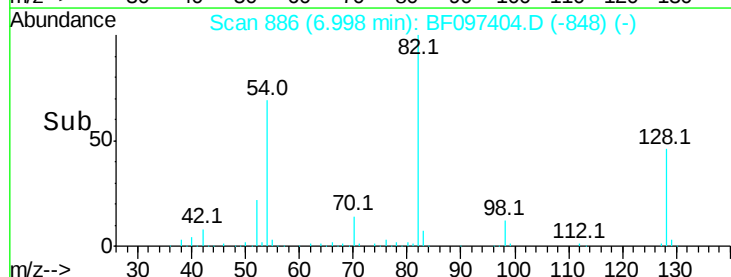
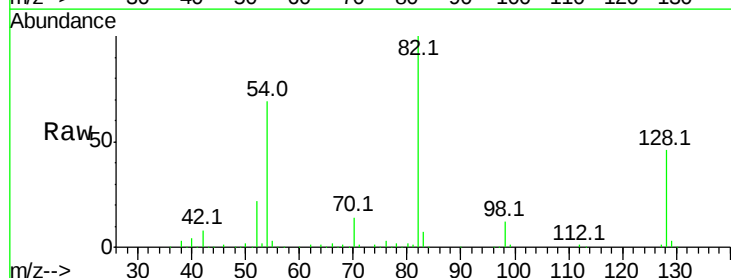
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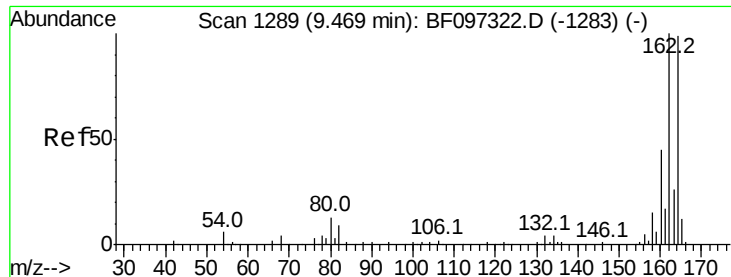
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#23
Nitrobenzene-d5
Concen: 67.542 ng
RT: 7.00 min Scan# 886
Delta R.T. -0.08 min
Lab File: BF097404.D
Acq: 5 Aug 2017 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.0	34.0	51.0	
54	68.8	42.2	63.2#	





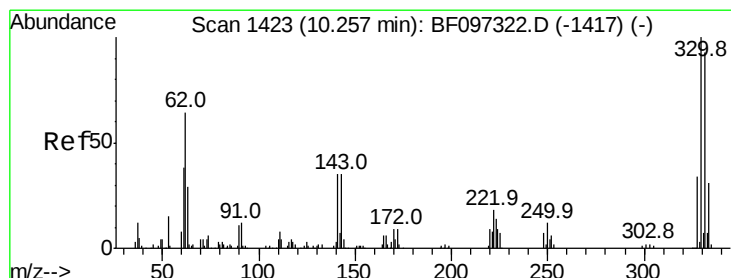
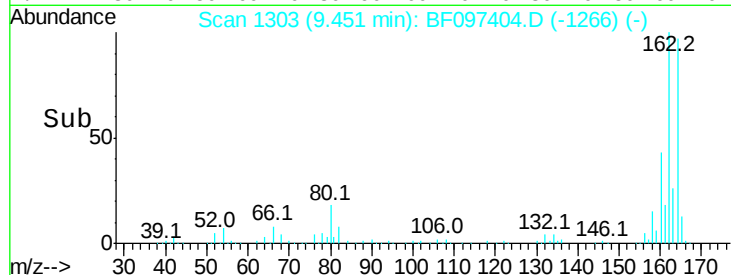
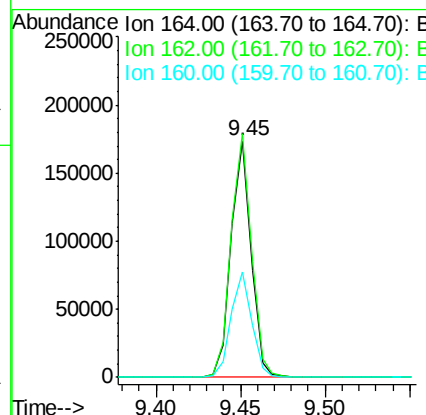
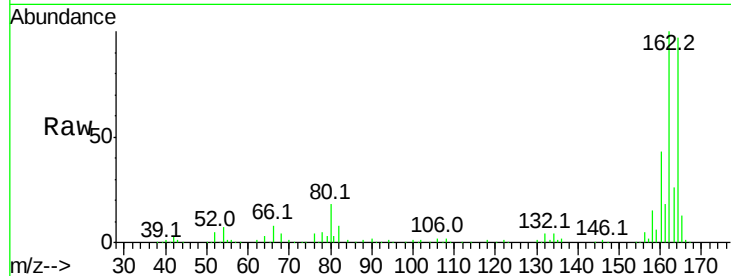
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.45 min Scan# 1303
 Delta R.T. -0.08 min
 Lab File: BF097404.D
 Acq: 5 Aug 2017 18:27

Instrument :
 BNA_F
 ClientSampleId :
 B-6(0-10)COMP

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.6	123.8
160	44.4	36.2	54.2

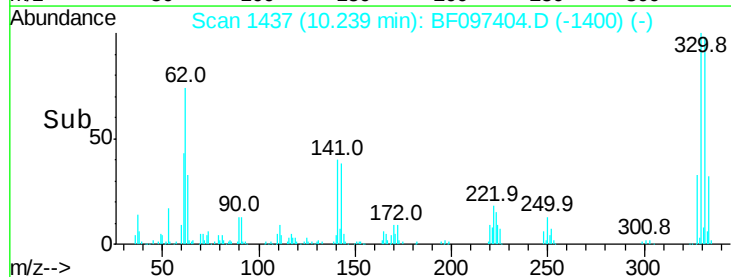
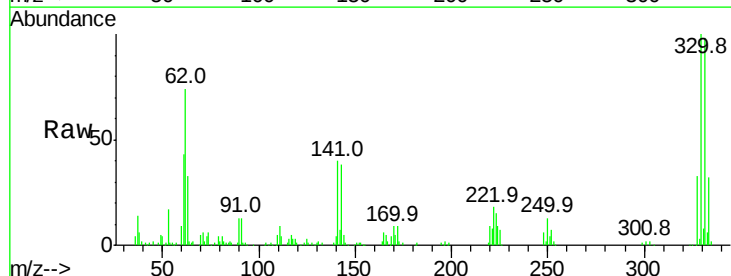
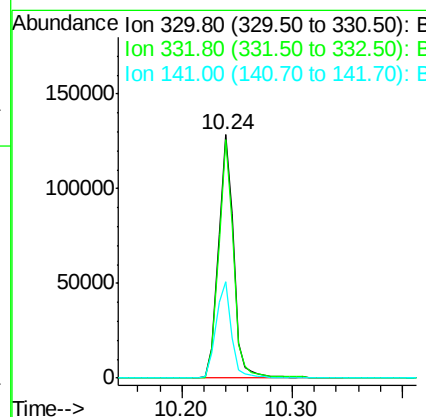
Manual Integrations
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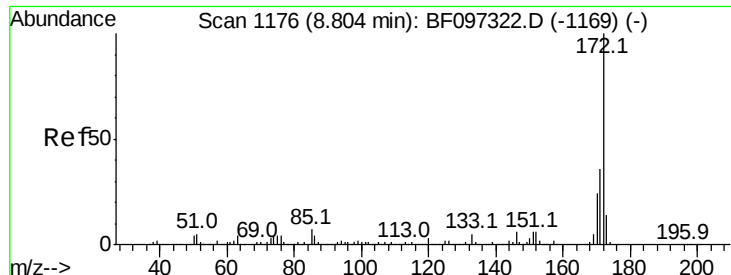
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#41
 2,4,6-Tribromophenol
 Concen: 106.934 ng
 RT: 10.24 min Scan# 1437
 Delta R.T. -0.08 min
 Lab File: BF097404.D
 Acq: 5 Aug 2017 18:27

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	115.0
141	40.1	31.4	47.2





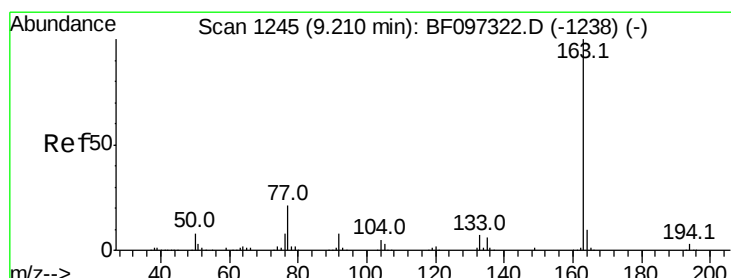
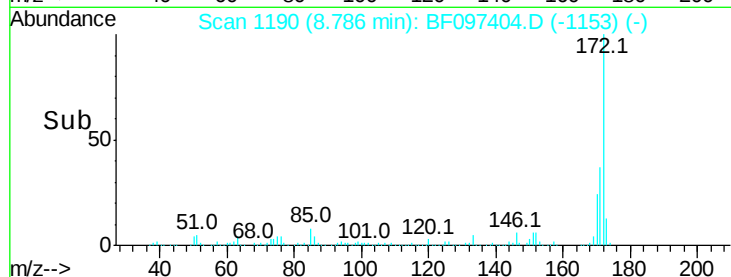
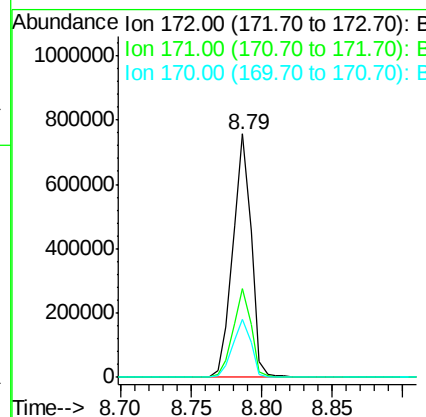
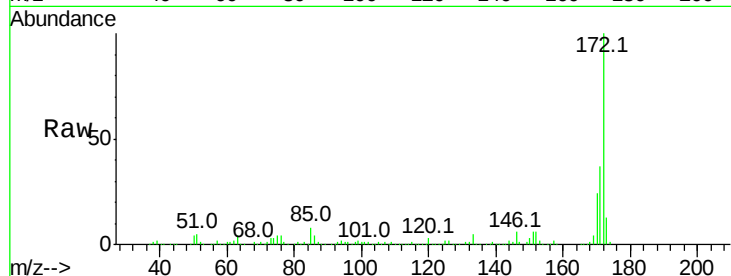
#44
2-Fluorobiphenyl
Concen: 80.592 ng
RT: 8.79 min Scan# 1190
Delta R.T. -0.08 min
Lab File: BF097404.D
Acq: 5 Aug 2017 18:27

Instrument :
BNA_F
ClientSampleId :
B-6(0-10)COMP

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	23.8	19.8	29.8

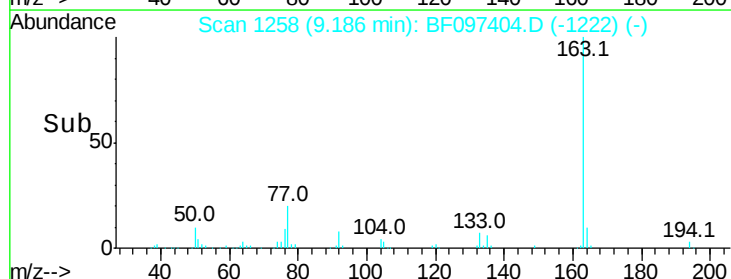
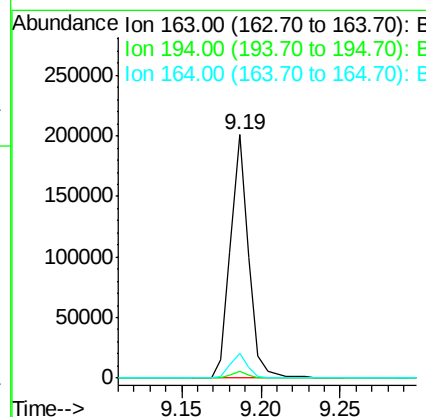
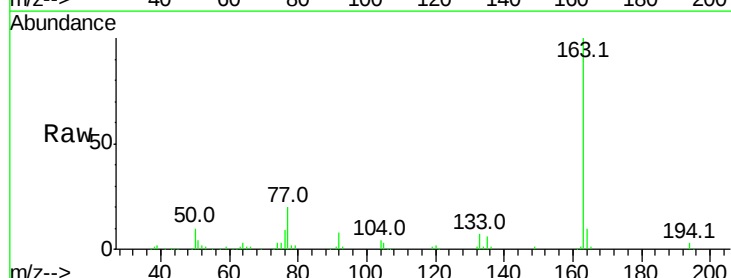
Manual Integrations
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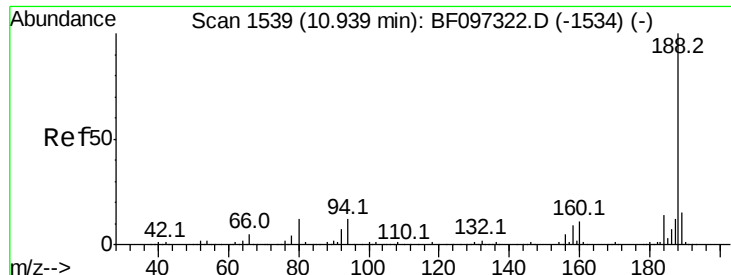
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#49
Dimethylphthalate
Concen: 14.632 ng
RT: 9.19 min Scan# 1258
Delta R.T. -0.09 min
Lab File: BF097404.D
Acq: 5 Aug 2017 18:27

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	10.2	8.4	12.6





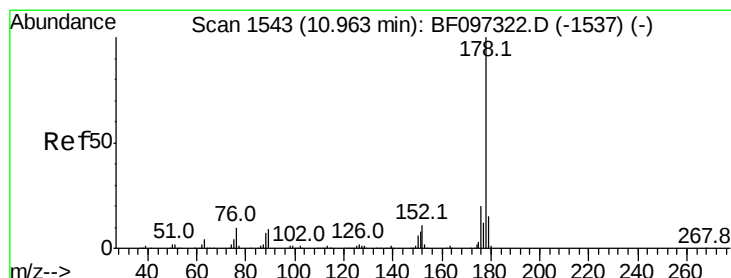
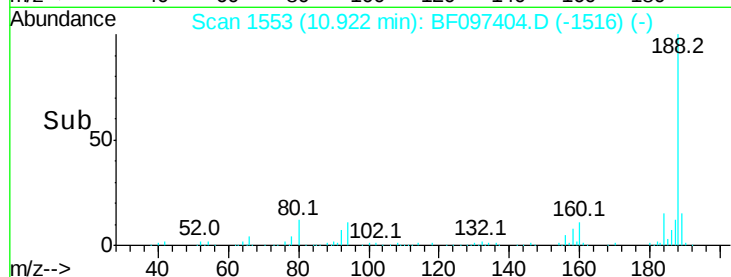
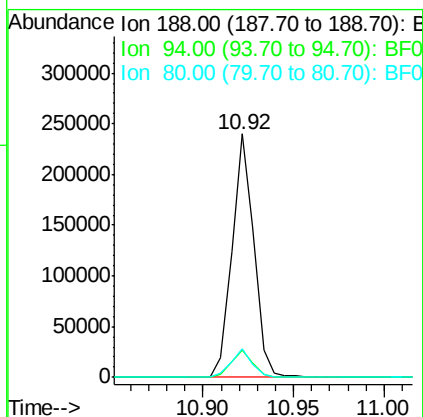
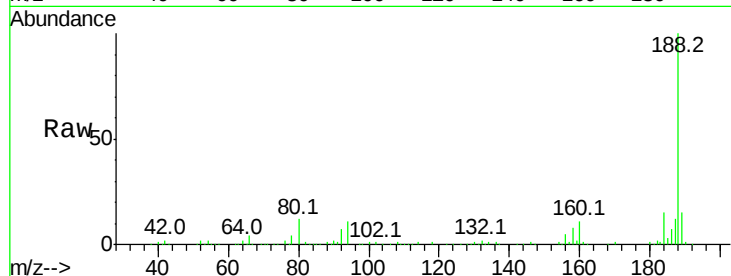
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.92 min Scan# 1553
Delta R.T. -0.08 min
Lab File: BF097404.D
Acq: 5 Aug 2017 18:27

Instrument :
BNA_F
ClientSampleId :
B-6(0-10)COMP

Tot Ion	Ratio	Resp	Lower	Upper
188	100	201305		
94	11.3		9.4	14.2
80	11.7		10.2	15.2

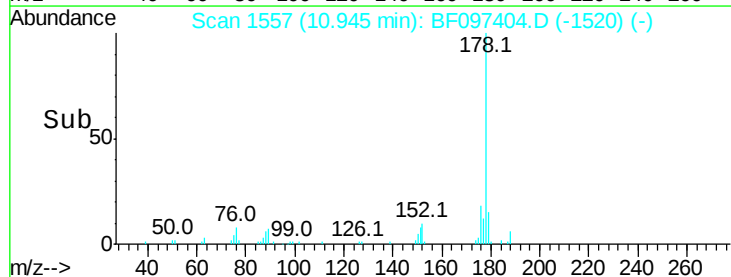
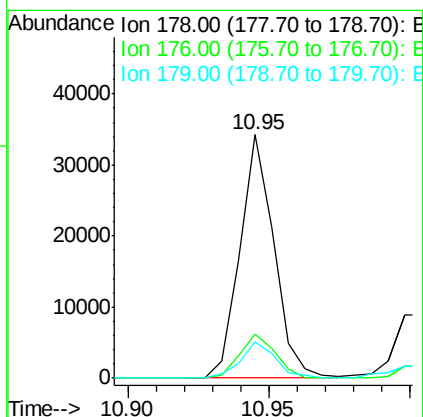
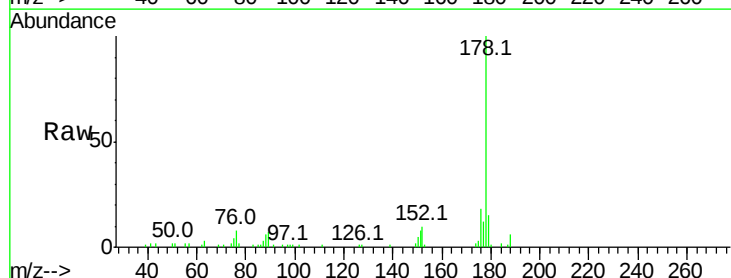
Manual Integrations
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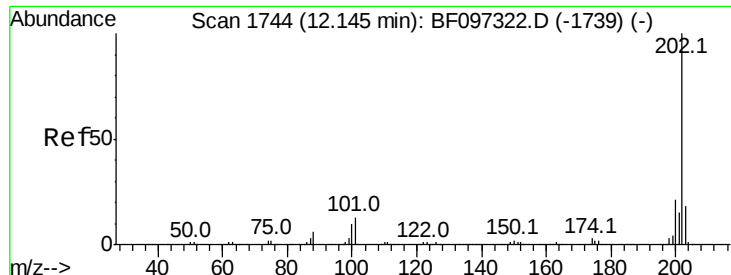
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#70
Phenanthrene
Concen: 2.668 ng
RT: 10.95 min Scan# 1557
Delta R.T. -0.08 min
Lab File: BF097404.D
Acq: 5 Aug 2017 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	28782		
176	17.9		16.2	24.4
179	14.7		12.6	19.0





#74

Fluoranthene

Concen: 4.275 ng

RT: 12.13 min Scan# 1758

Delta R.T. -0.08 min

Lab File: BF097404.D

Acq: 5 Aug 2017 18:27

Instrument :

BNA_F

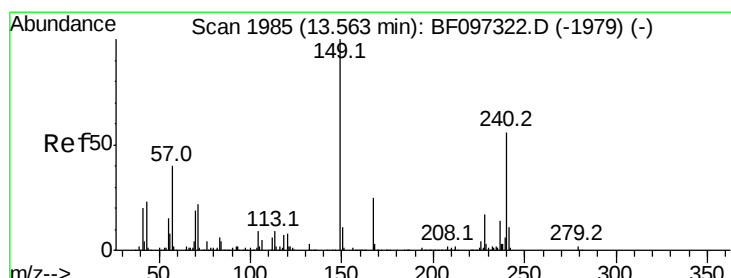
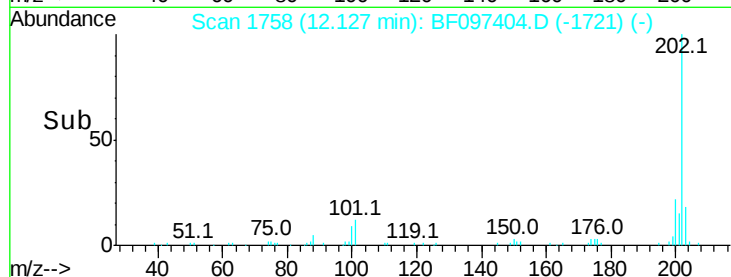
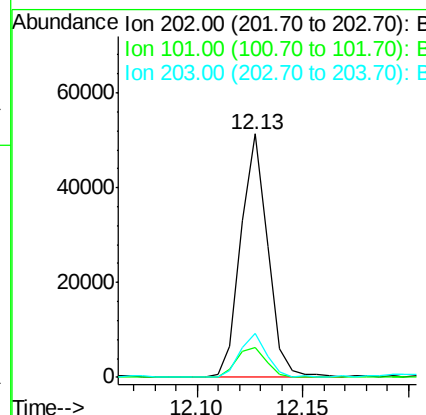
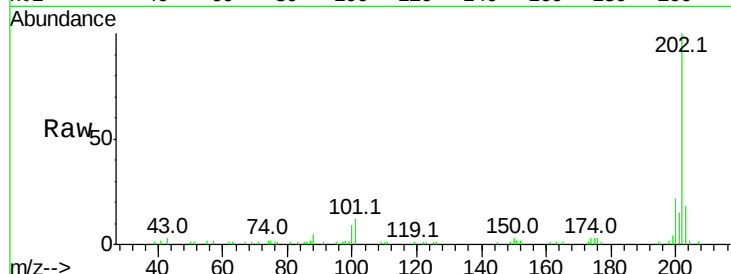
ClientSampleId :

B-6(0-10)COMP

Tot Ion	Ratio	Resp	Lower	Upper
202	100	45176		
101	12.4	0.0	33.2	
203	17.9	0.0	38.1	

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

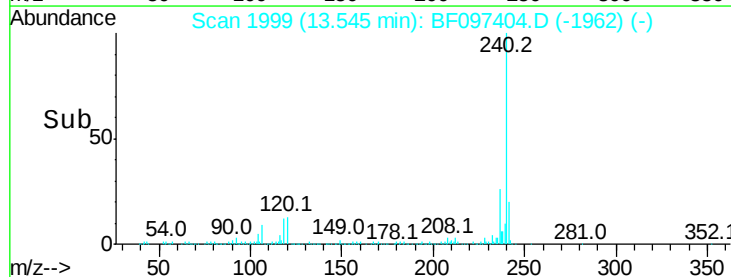
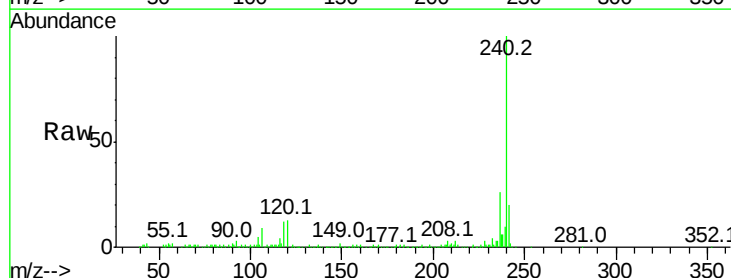
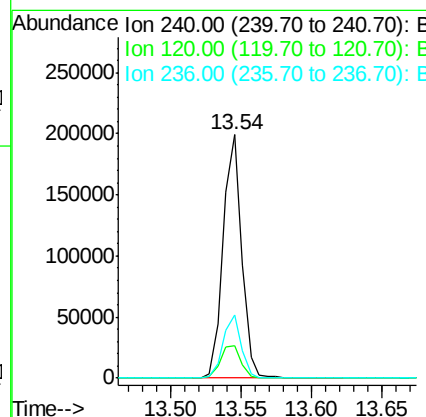
RT: 13.54 min Scan# 1999

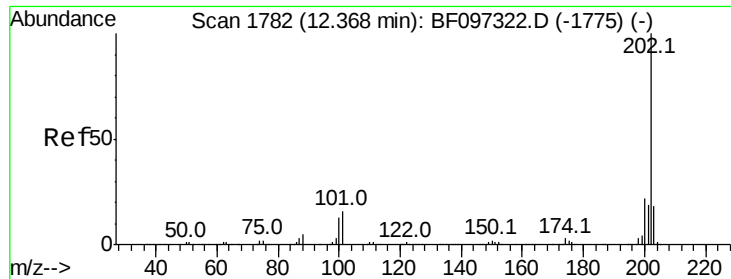
Delta R.T. -0.08 min

Lab File: BF097404.D

Acq: 5 Aug 2017 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	182807		
120	13.2	5.8	8.8#	
236	25.8	20.5	30.7	





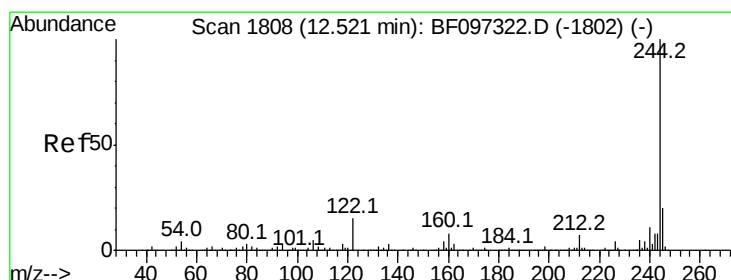
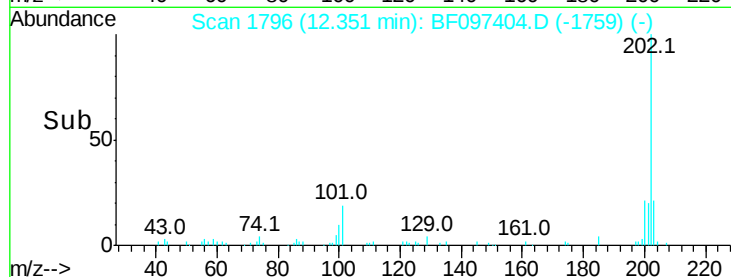
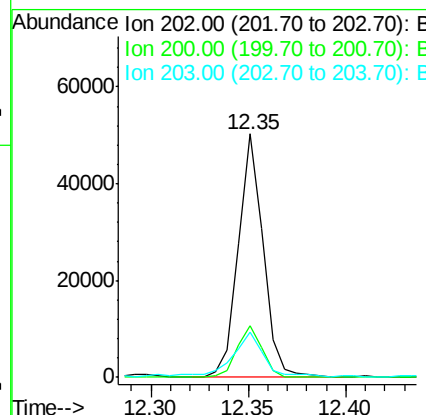
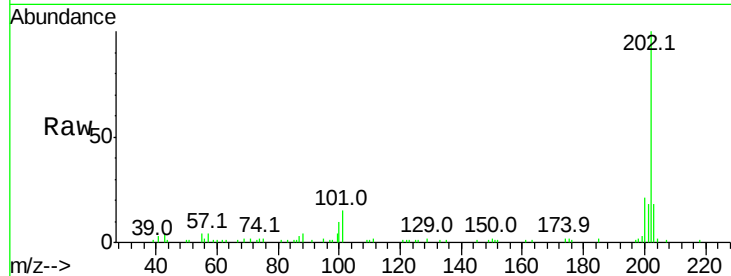
#77
Pvrene
Concen: 3.000 ng
RT: 12.35 min Scan# 1796
Delta R.T. -0.08 min
Lab File: BF097404.D
Acq: 5 Aug 2017 18:27

Instrument :
BNA_F
ClientSampleId :
B-6(0-10)COMP

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.6	26.4
203	18.5	14.4	21.6

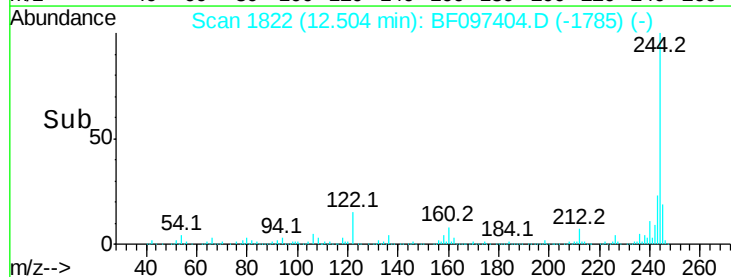
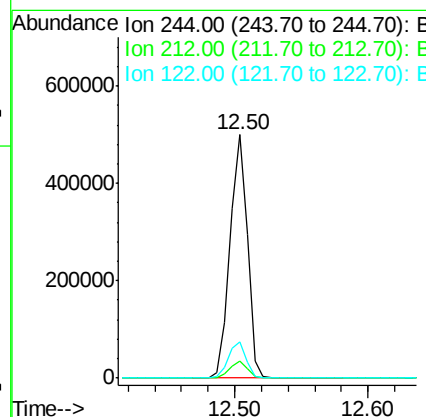
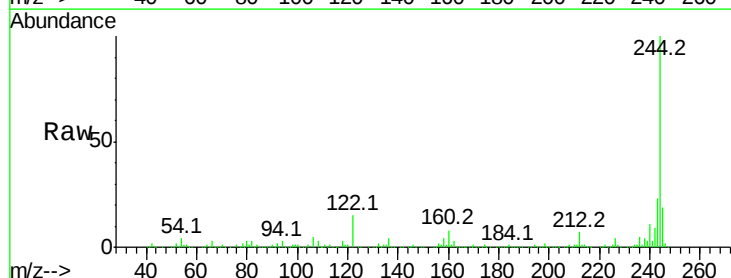
Manual Integrations
APPROVED

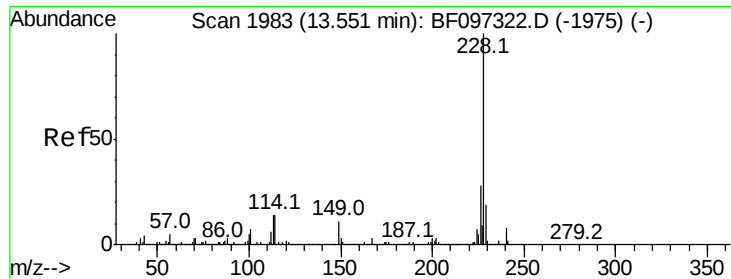
Sohil
8/7/2017 6:00:48 PM



#78
Terphenyl-d14
Concen: 51.701 ng
RT: 12.50 min Scan# 1822
Delta R.T. -0.08 min
Lab File: BF097404.D
Acq: 5 Aug 2017 18:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.8	10.3	15.5





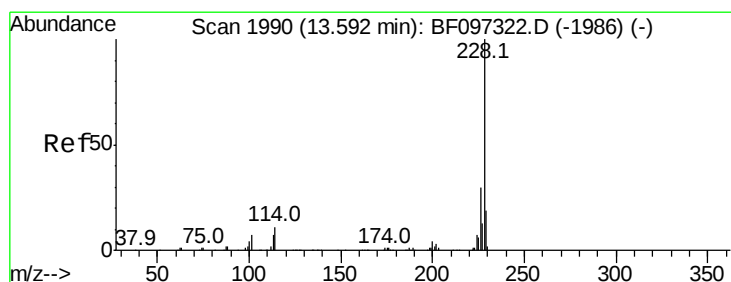
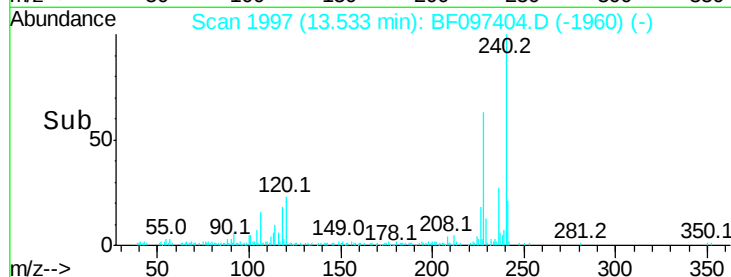
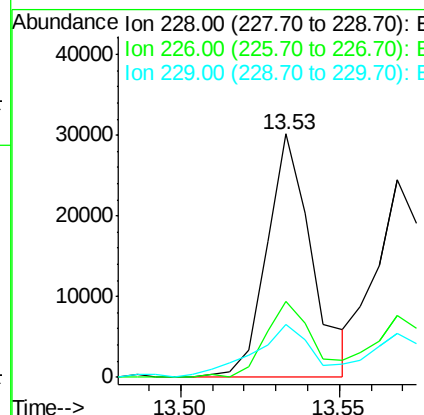
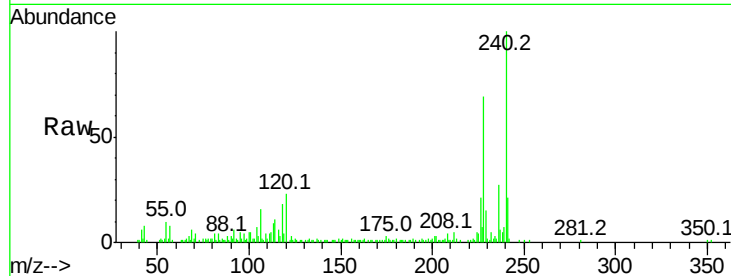
#80
Benzo(a)anthracene
Concen: 2.517 ng
RT: 13.53 min Scan# 1997
Delta R.T. -0.08 min
Lab File: BF097404.D
Acq: 5 Aug 2017 18:27

Instrument :
BNA_F
ClientSampleId :
B-6(0-10)COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.6	33.8
229	21.9	16.3	24.5

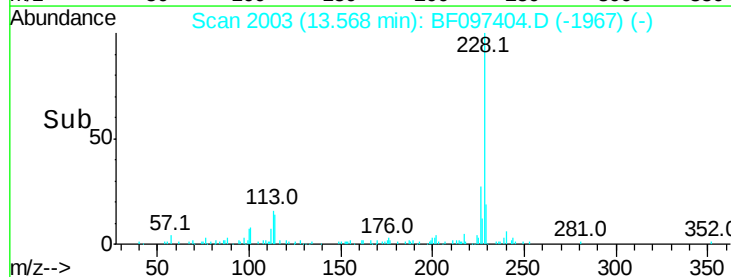
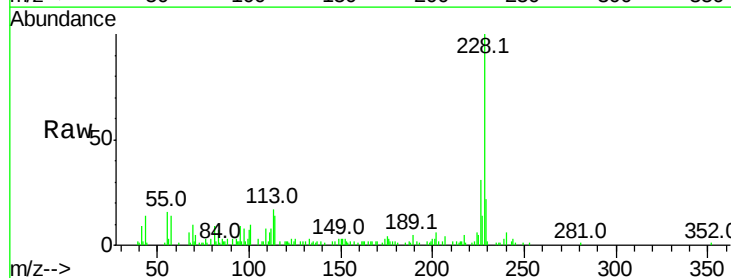
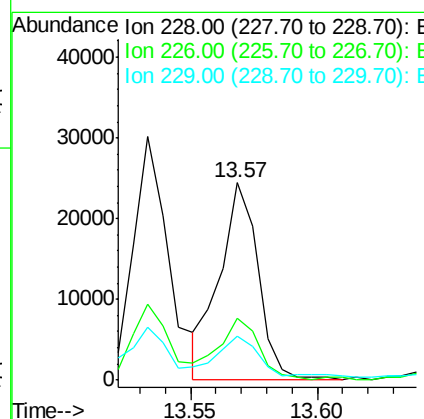
Manual Integrations
APPROVED

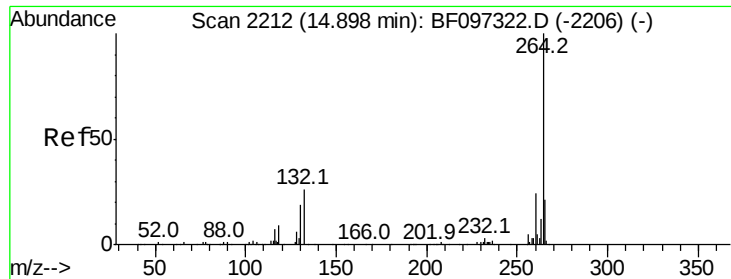
Sohil
8/7/2017 6:00:48 PM



#82
Chrysene
Concen: 2.250 ng
RT: 13.57 min Scan# 2003
Delta R.T. -0.09 min
Lab File: BF097404.D
Acq: 5 Aug 2017 18:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	22.4	15.8	23.6





#86

Pervlene-d12

Concen: 20.000 ng

RT: 14.88 min Scan# 2226

Delta R.T. -0.09 min

Lab File: BF097404.D

Acq: 5 Aug 2017 18:27

Instrument :

BNA_F

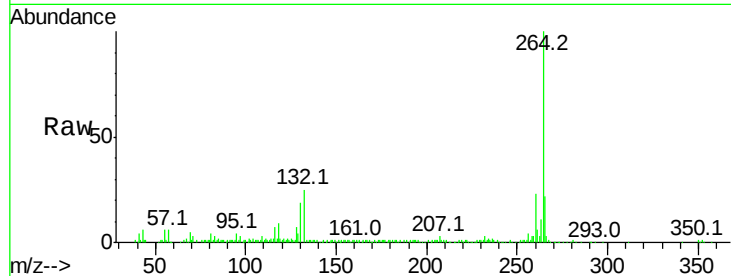
ClientSampled :

B-6(0-10)COMP

Tot Ion:	264	Resp:	118448
Ion Ratio	Lower	Upper	
264	100		
260	23.0	19.5	29.3
265	22.0	17.2	25.8

Manual Integrations
APPROVED

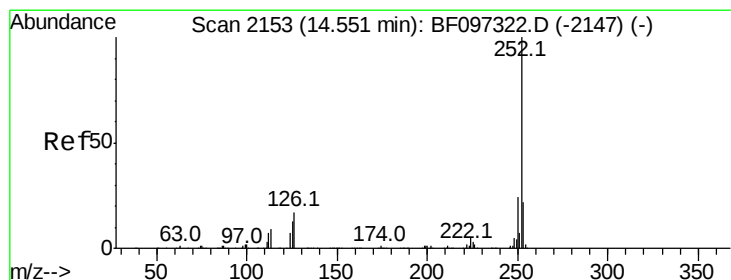
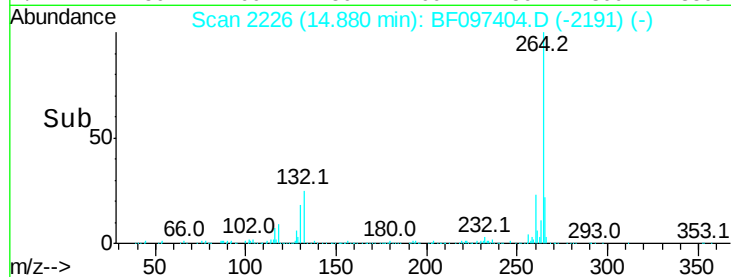
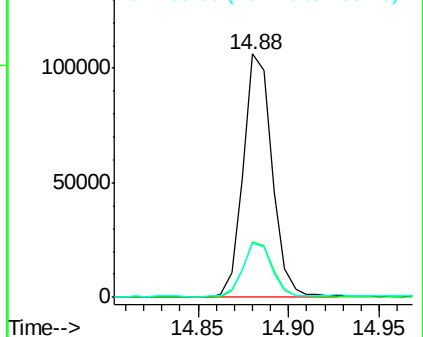
Sohil
8/7/2017 6:00:48 PM



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 4.910 ng m

RT: 14.54 min Scan# 2168

Delta R.T. -0.08 min

Lab File: BF097404.D

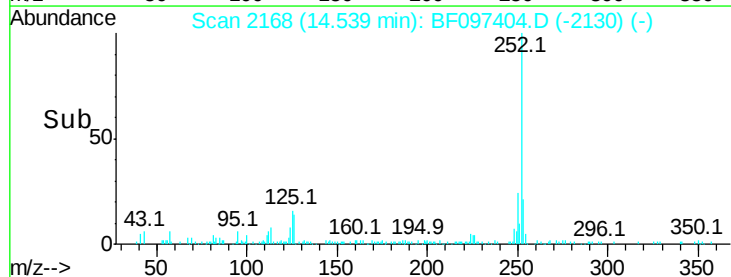
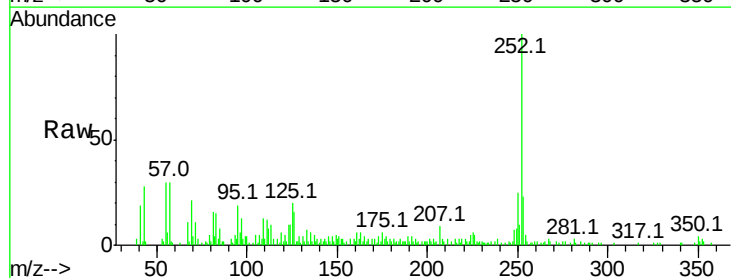
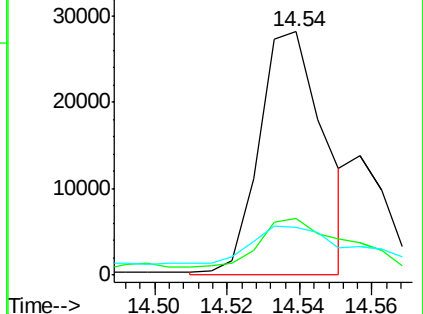
Acq: 5 Aug 2017 18:27

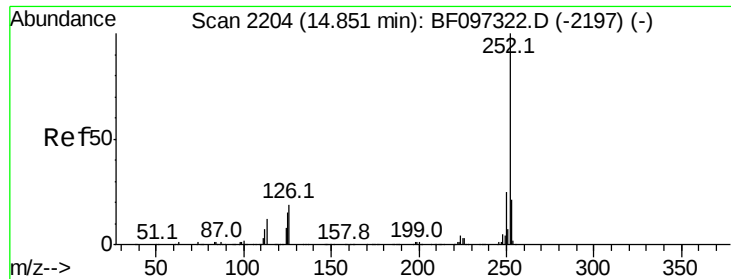
Tgt Ion:	252	Resp:	34957
Ion Ratio	Lower	Upper	
252	100		
253	23.4	18.1	27.1
125	19.8	9.8	14.8#

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





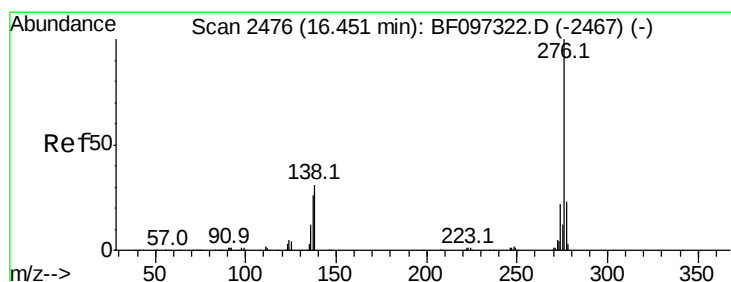
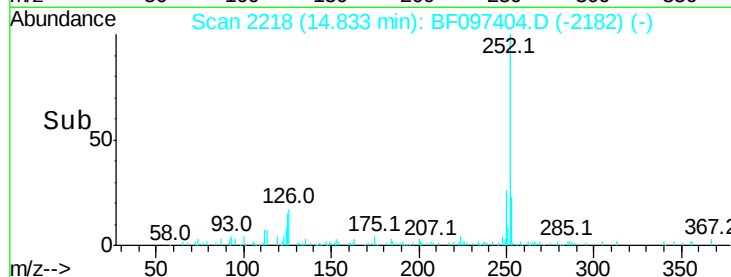
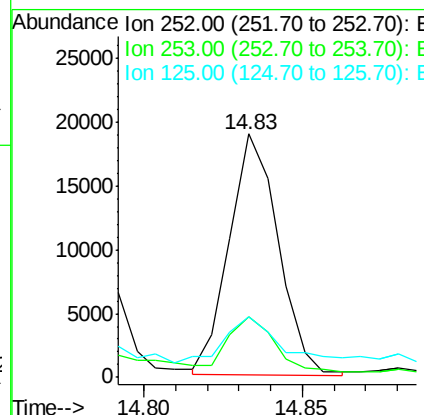
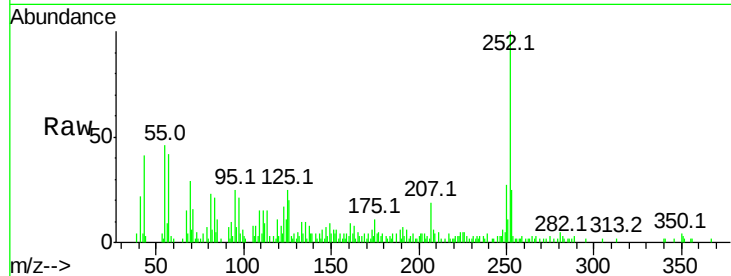
#89
Benzo(a)pyrene
Concen: 3.126 ng
RT: 14.83 min Scan# 2218
Delta R.T. -0.09 min
Lab File: BF097404.D
Acq: 5 Aug 2017 18:27

Instrument :
BNA_F
ClientSampleId :
B-6(0-10)COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.5	26.3
125	24.7	11.0	16.4

Manual Integrations
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Sohil
8/7/2017 6:00:48 PM



#91
Benzo(g,h,i)perylene
Concen: 2.071 ng
RT: 16.44 min Scan# 2491
Delta R.T. -0.13 min
Lab File: BF097404.D
Acq: 5 Aug 2017 18:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.6	18.6	28.0
138	28.5	25.4	38.0

