

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
 Data File : BF097555.D
 Acq On : 10 Aug 2017 11:38
 Operator : SJ/JU
 Sample : I4623-09
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-S1COMP

Manual Integrations
 APPROVED

Sohil
 8/10/2017 6:08:17 PM

Quant Time: Aug 10 14:23:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	115115	20.00	ng	-0.01
21) Naphthalene-d8	7.68	136	477340	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	195191	20.00	ng	-0.02
63) Phenanthrene-d10	10.90	188	282194	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	205981	20.00	ng	-0.02
86) Perylene-d12	14.86	264	177435	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.99	112	621412	81.38	ng	-0.02
7) Phenol-d6	6.07	99	799920	91.76	ng	-0.02
23) Nitrobenzene-d5	6.97	82	471389	57.93	ng	-0.02
41) 2,4,6-Tribromophenol	10.21	330	130786	84.80	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	761761	66.23	ng	-0.02
78) Terphenyl-d14	12.47	244	439578	43.51	ng	-0.02
Target Compounds						
10) Phenol	6.08	94	29310	2.835	ng	Qvalue # 52
49) Dimethylphthalate	9.16	163	142266	9.598	ng	99
70) Phenanthrene	10.92	178	119692	7.916	ng	99
74) Fluoranthene	12.10	202	151531	10.230	ng	97
77) Pyrene	12.33	202	130726	7.752	ng	98
80) Benzo(a)anthracene	13.51	228	64660	4.851	ng	99
82) Chrysene	13.54	228	58793	4.518	ng	97
85) Indeno(1,2,3-cd)pyrene	16.06	276	26398	2.366	ng	95
87) Benzo(b)fluoranthene	14.52	252	84309m	7.904	ng	
88) Benzo(k)fluoranthene	14.54	252	21357m	2.101	ng	
89) Benzo(a)pyrene	14.81	252	50046	5.127	ng	# 93
91) Benzo(a,h,i)perylene	16.40	276	23579	2.809	ng	97

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

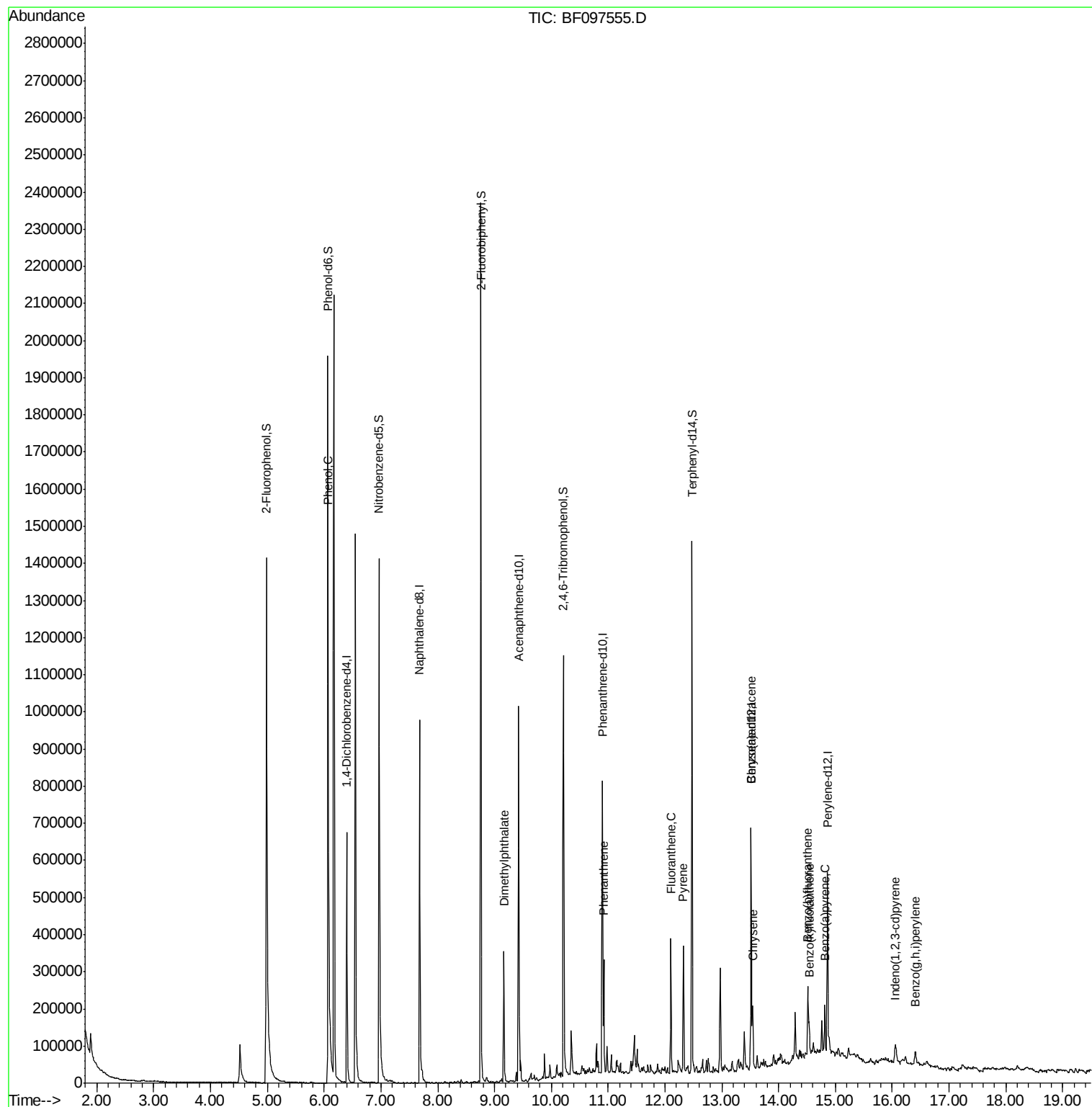
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
Data File : BF097555.D
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Operator : SJ/JU
Sample : I4623-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

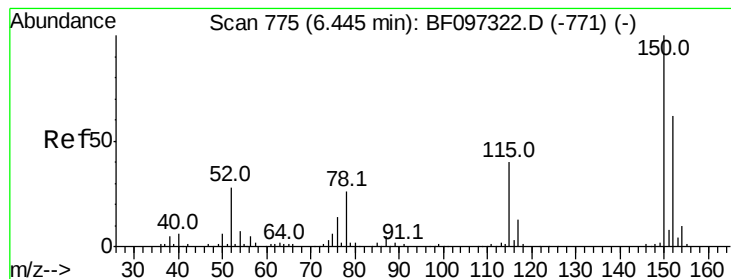
Instrument :
BNA_F
ClientSampleId :
TEC-S1COMP

Manual Integrations
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
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#1

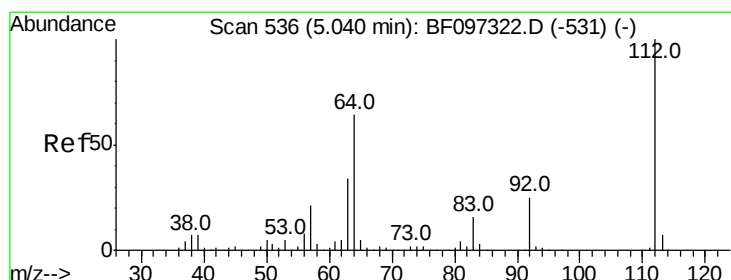
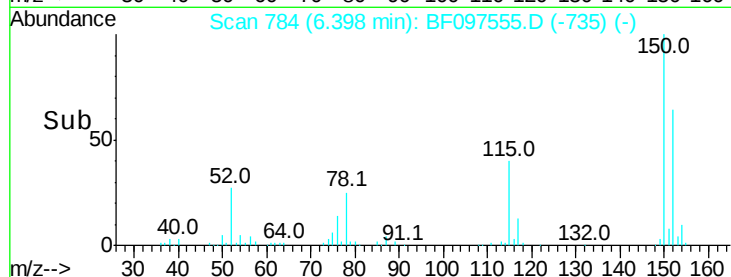
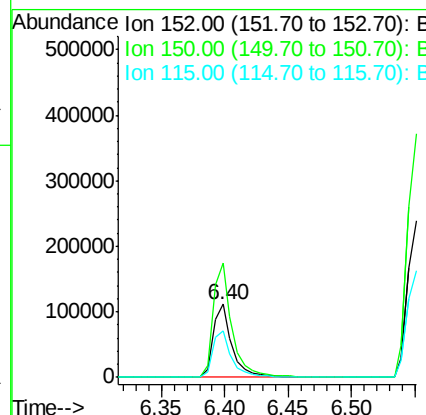
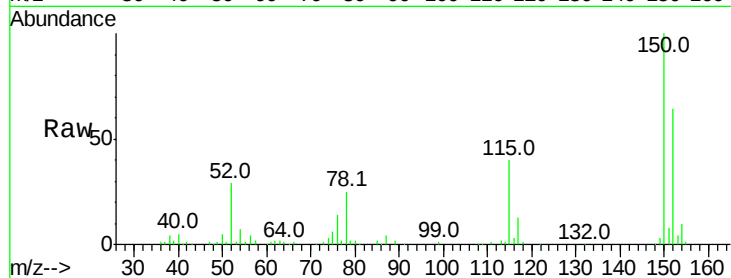
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.40 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF097555.D
Acq: 10 Aug 2017 11:38

Instrument :
BNA_F
ClientSampleId :
TEC-S1COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.2	189.2
115	62.9	52.2	78.2

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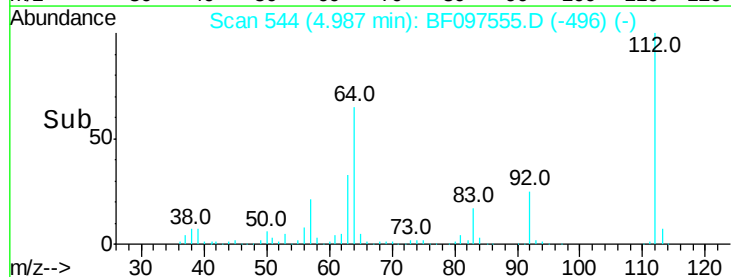
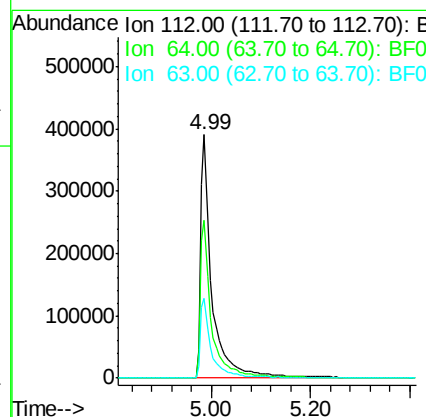
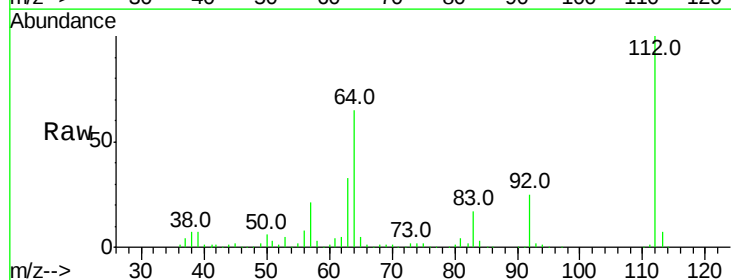
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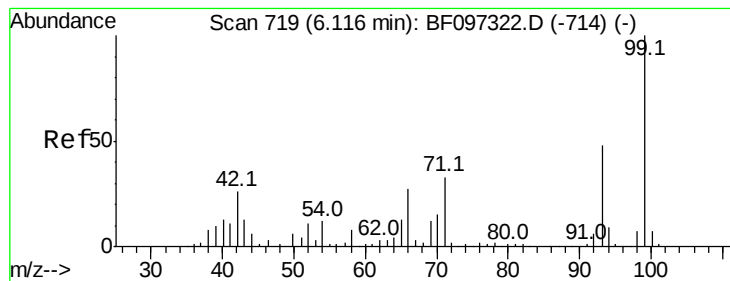


#5

2-Fluorophenol
Concen: 81.377 ng
RT: 4.99 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF097555.D
Acq: 10 Aug 2017 11:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.8	46.0	69.0
63	32.6	23.4	35.0





#7

Phenol-d6

Concen: 91.759 ng

RT: 6.07 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF097555.D

Acq: 10 Aug 2017 11:38

Instrument :

BNA_F

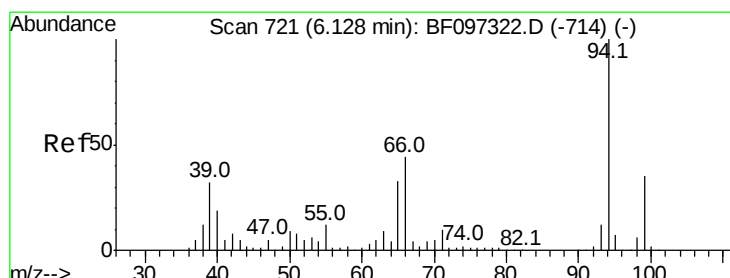
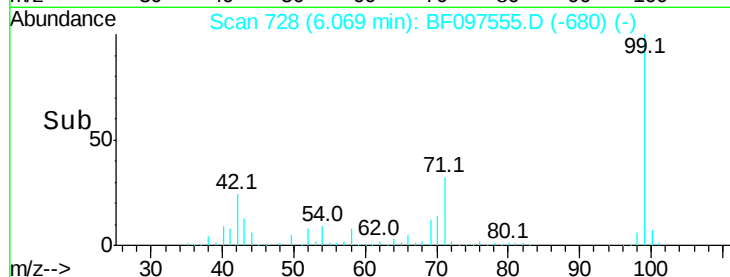
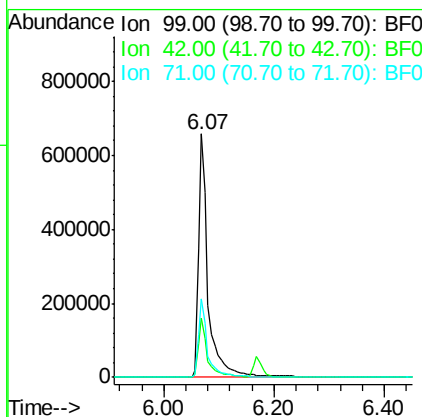
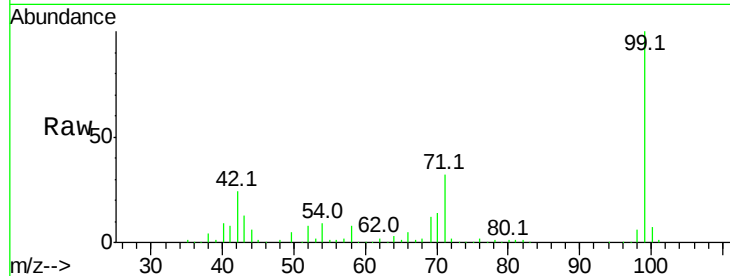
ClientSampleId :

TEC-S1COMP

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		799920		
42	24.2	13.5	20.3#		
71	32.1	24.5	36.7		

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#10

Phenol

Concen: 2.835 ng

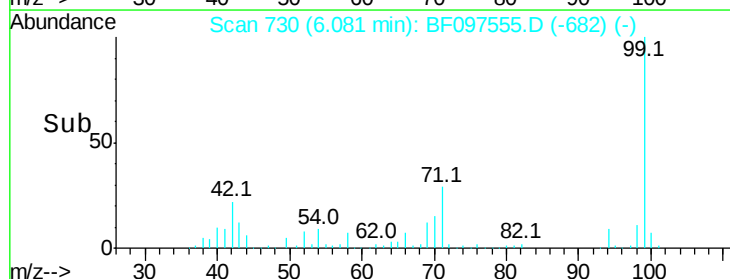
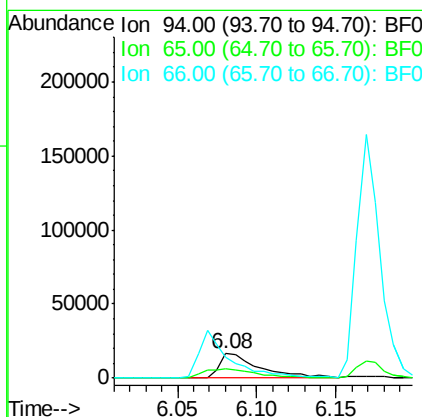
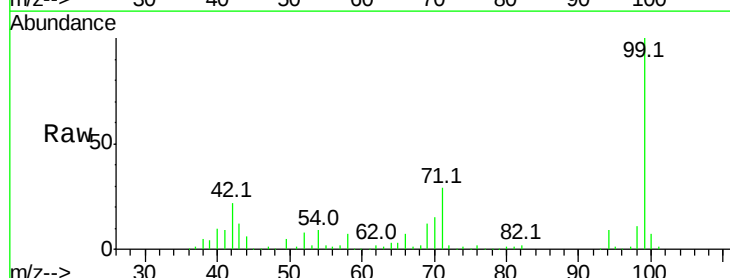
RT: 6.08 min Scan# 730

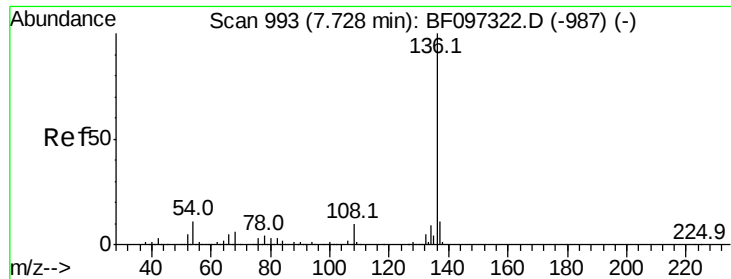
Delta R.T. -0.02 min

Lab File: BF097555.D

Acq: 10 Aug 2017 11:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		29310		
65	40.6	9.9	49.9		
66	86.9	23.1	63.1#		





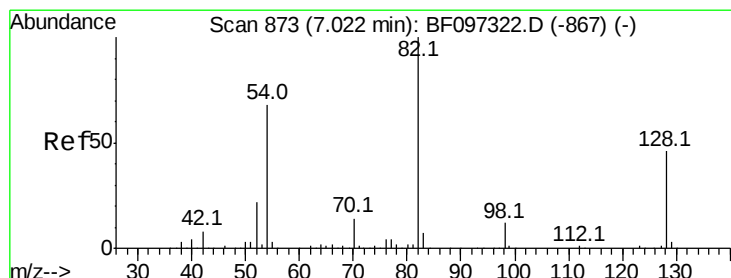
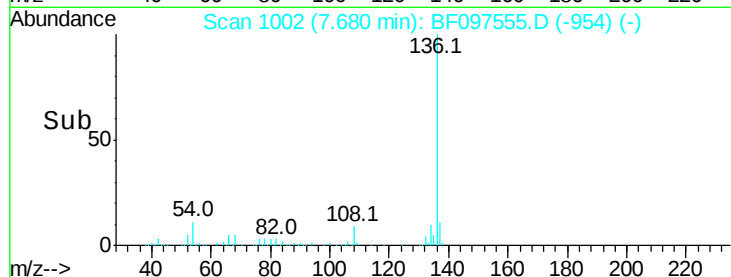
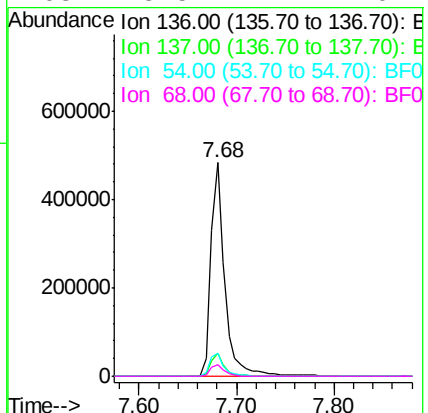
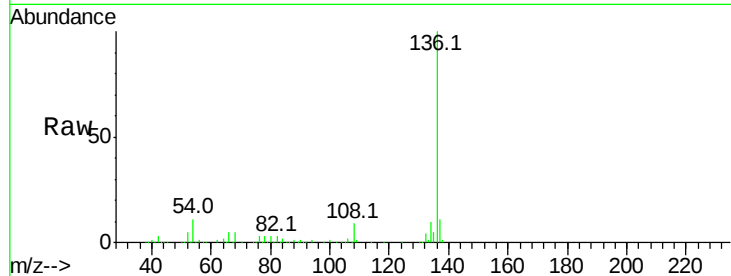
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.68 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF097555.D
Acq: 10 Aug 2017 11:38

Instrument :
BNA_F
ClientSampleId :
TEC-S1COMP

Tot Ion	Ratio	Resp	Lower	Upper
136	100	477340		
137	11.0	8.5	12.7	
54	10.7	4.9	7.3	
68	5.5	4.1	6.1	

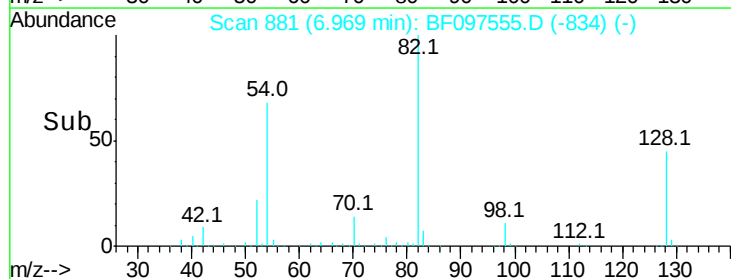
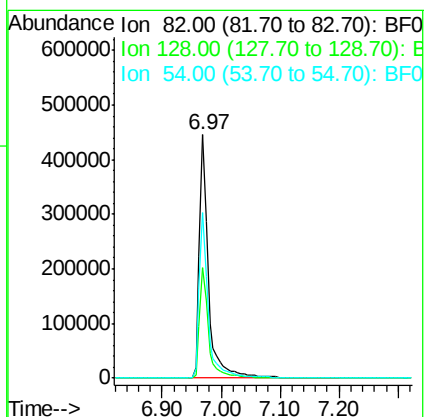
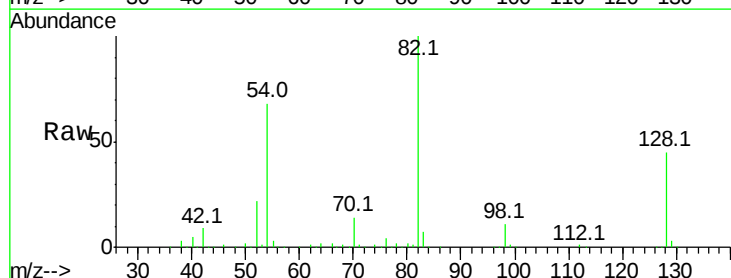
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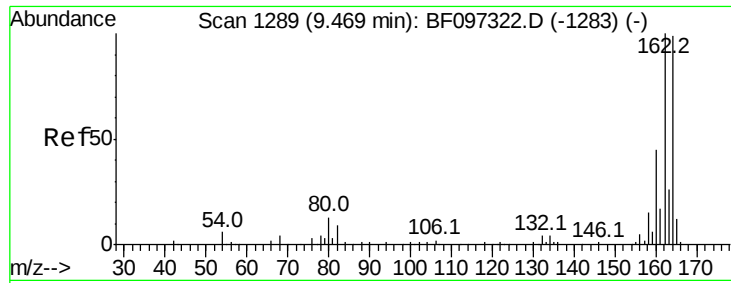
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#23
Nitrobenzene-d5
Concen: 57.933 ng
RT: 6.97 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF097555.D
Acq: 10 Aug 2017 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	471389		
128	45.3	34.0	51.0	
54	68.1	42.2	63.2	





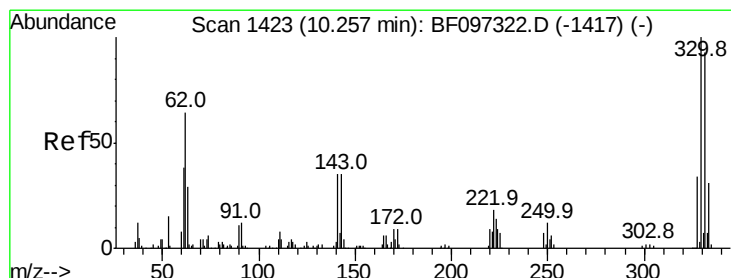
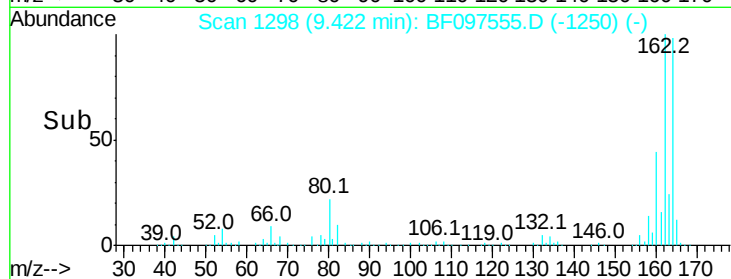
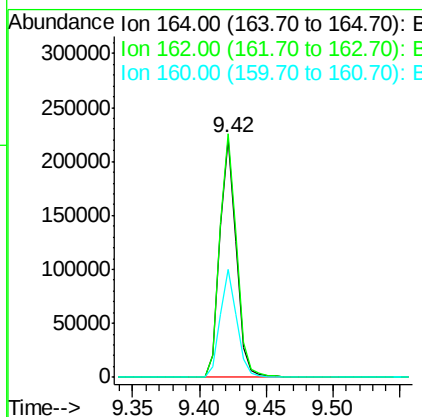
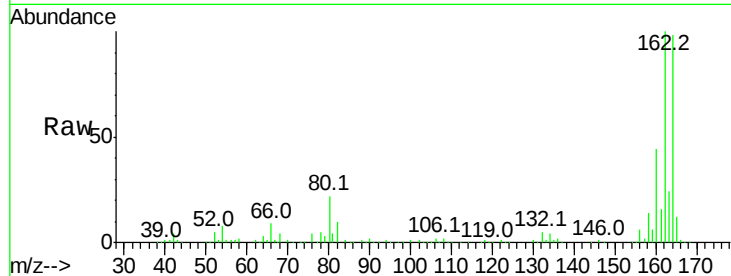
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.42 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BF097555.D
 Acq: 10 Aug 2017 11:38

Instrument :
 BNA_F
 ClientSampleId :
 TEC-S1COMP

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.6	123.8
160	45.3	36.2	54.2

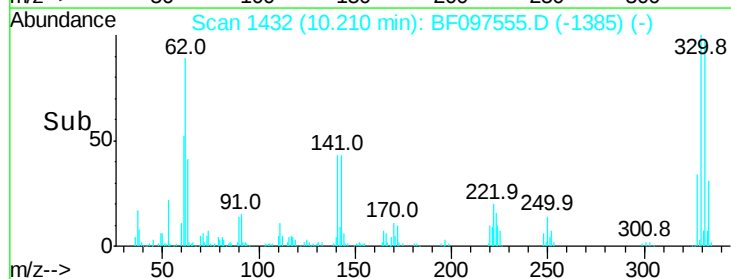
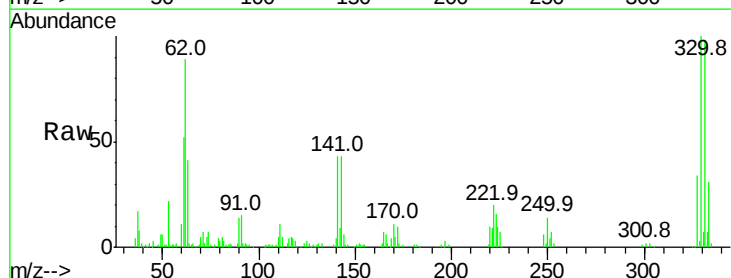
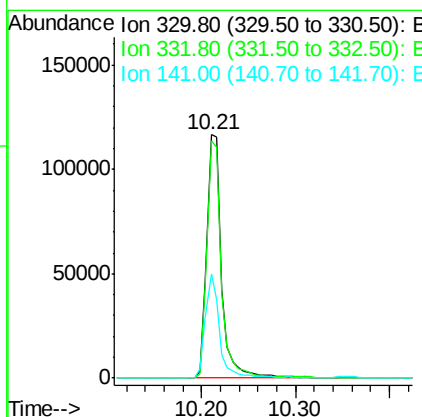
Manual Integrations
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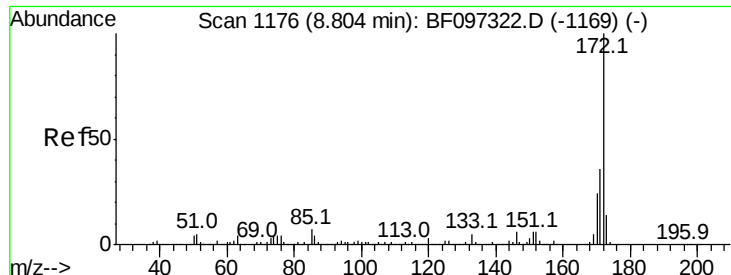
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#41
 2,4,6-Tribromophenol
 Concen: 84.805 ng
 RT: 10.21 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BF097555.D
 Acq: 10 Aug 2017 11:38

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	115.0
141	40.3	31.4	47.2





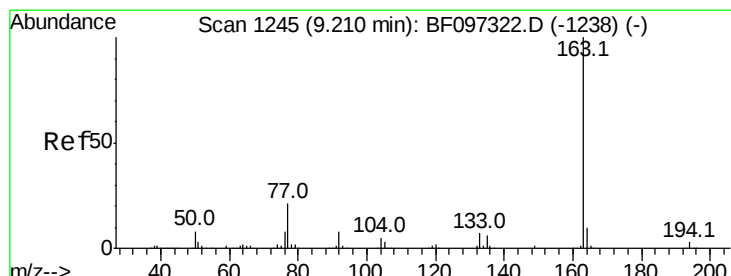
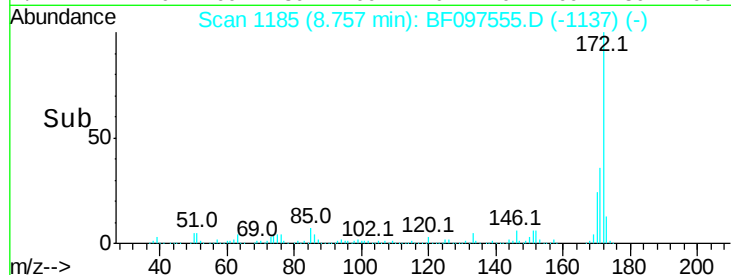
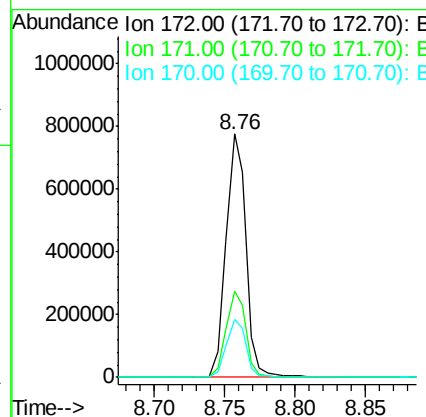
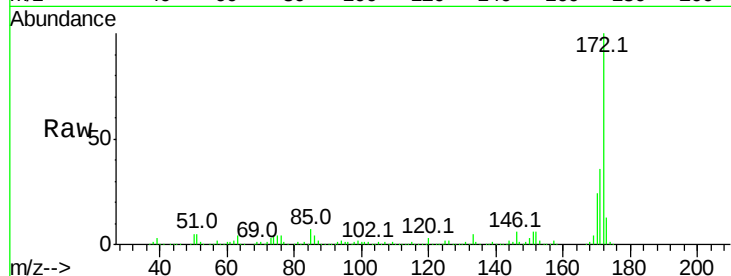
#44
2-Fluorobiphenyl
Concen: 66.232 ng
RT: 8.76 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF097555.D
Acq: 10 Aug 2017 11:38

Instrument :
BNA_F
ClientSampled :
TEC-S1COMP

Tot Ion	Ratio	Resp	Lower	Upper
172	100	761761		
171	35.6		29.6	44.4
170	24.0		19.8	29.8

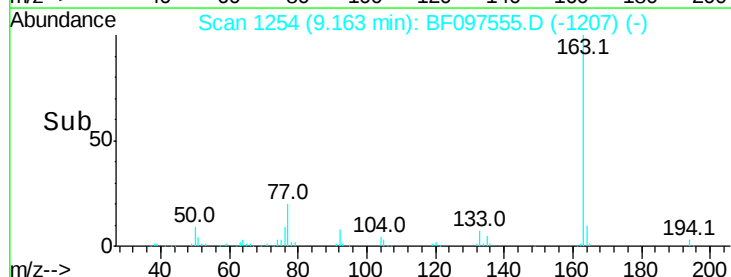
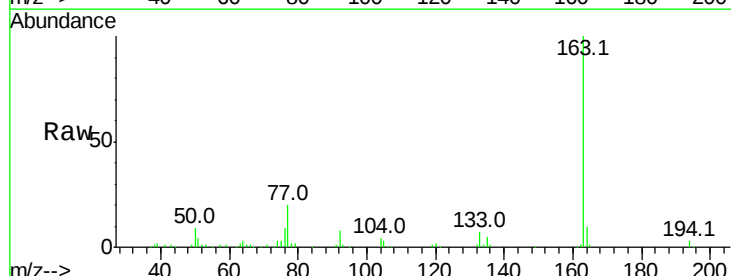
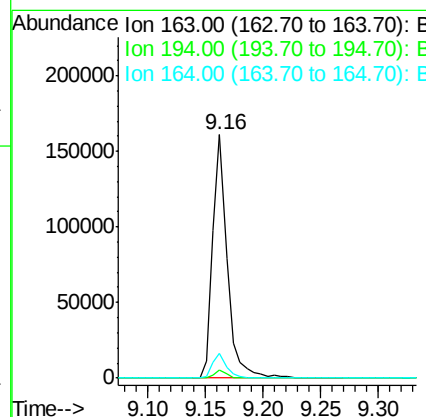
Manual Integrations
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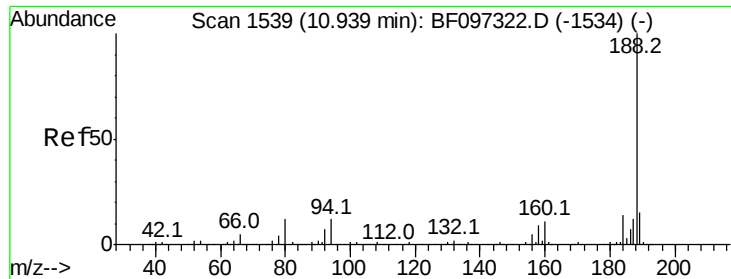
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#49
Dimethylphthalate
Concen: 9.598 ng
RT: 9.16 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF097555.D
Acq: 10 Aug 2017 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	142266		
194	3.4		2.6	4.0
164	10.2		8.4	12.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 10.90 min Scan# 1549

Delta R.T. -0.02 min

Lab File: BF097555.D

Acq: 10 Aug 2017 11:38

Instrument :

BNA_F

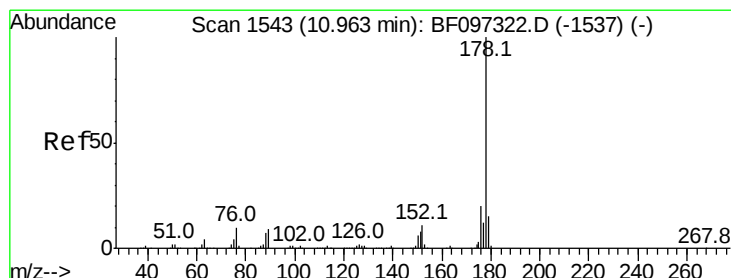
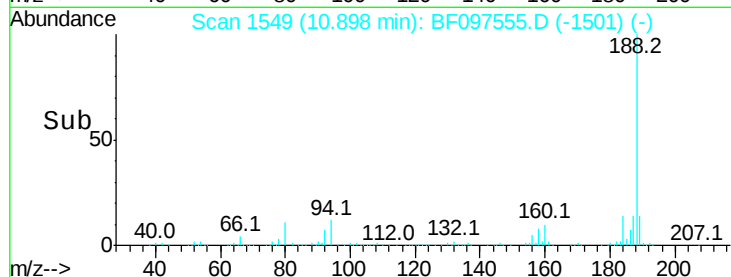
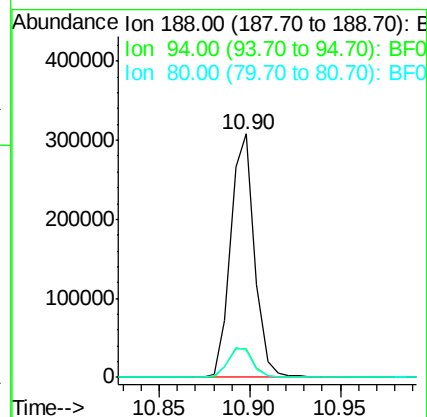
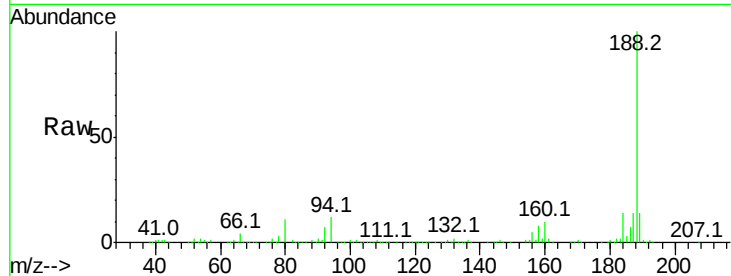
ClientSampleId :

TEC-S1COMP

Tot Ion:188	Resp: 282194
Ion Ratio	Lower Upper
188 100	
94 11.6	9.4 14.2
80 11.2	10.2 15.2

Manual Integrations
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#70

Phenanthrene

Concen: 7.916 ng

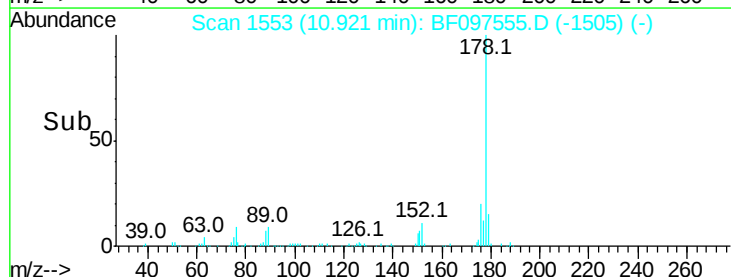
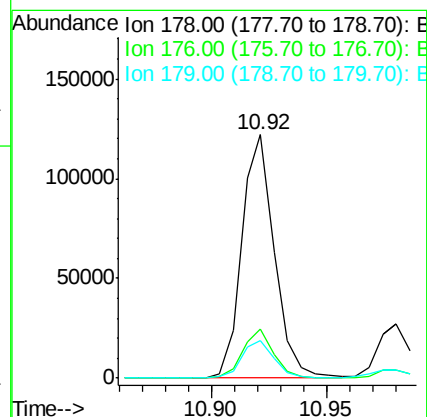
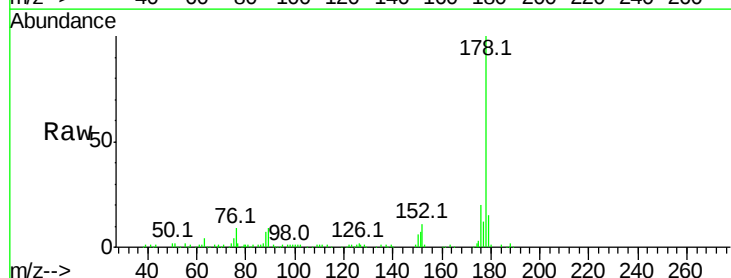
RT: 10.92 min Scan# 1553

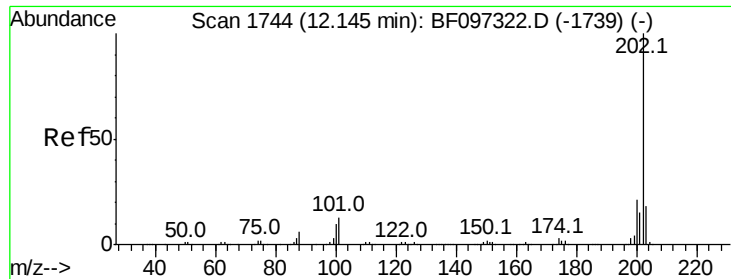
Delta R.T. -0.02 min

Lab File: BF097555.D

Acq: 10 Aug 2017 11:38

Tgt Ion:178	Resp: 119692
Ion Ratio	Lower Upper
178 100	
176 20.2	16.2 24.4
179 15.3	12.6 19.0





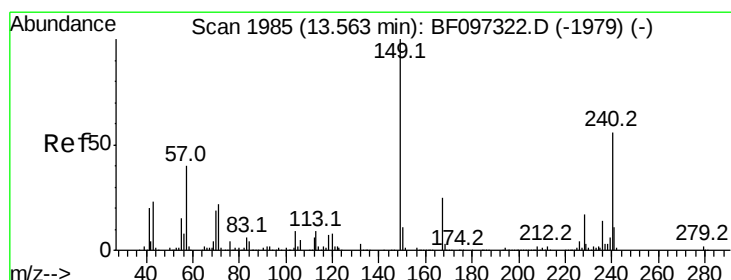
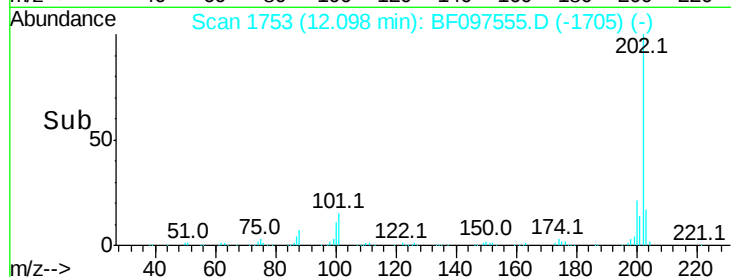
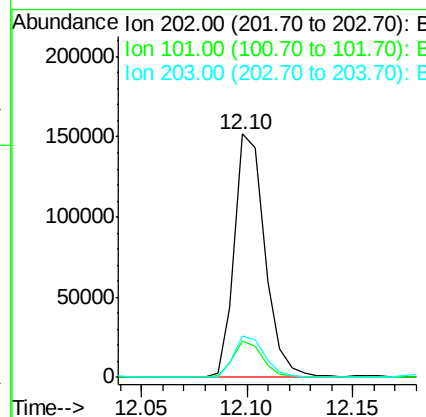
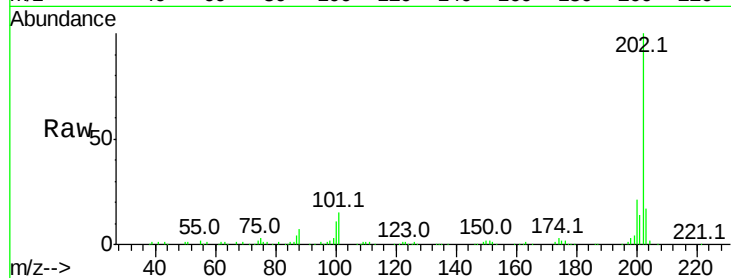
#74
Fluoranthene
Concen: 10.230 ng
RT: 12.10 min Scan# 1753
Delta R.T. -0.02 min
Lab File: BF097555.D
Acq: 10 Aug 2017 11:38

Instrument :
BNA_F
ClientSampleId :
TEC-S1COMP

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	15.1	0.0	33.2
203	17.2	0.0	38.1

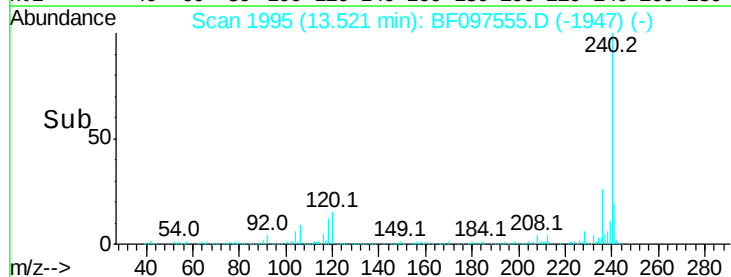
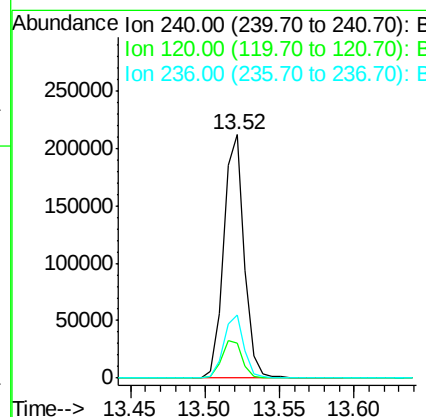
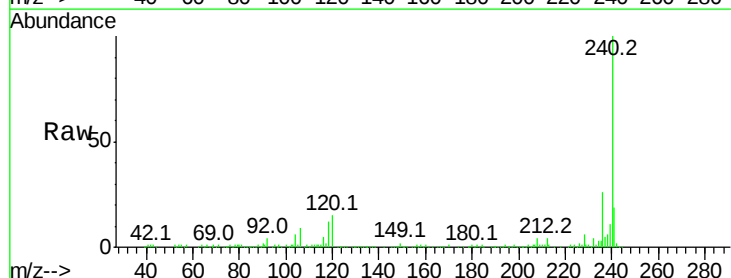
Manual Integrations
APPROVED

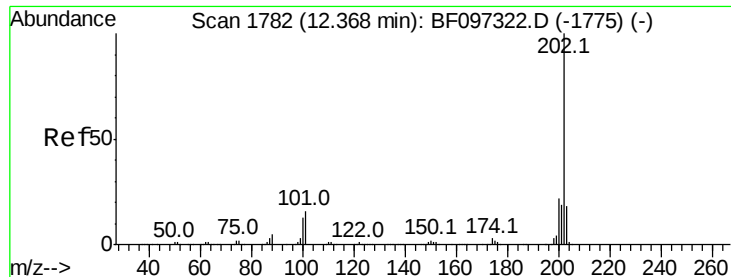
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.52 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF097555.D
Acq: 10 Aug 2017 11:38

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.5	5.8	8.8#
236	26.0	20.5	30.7





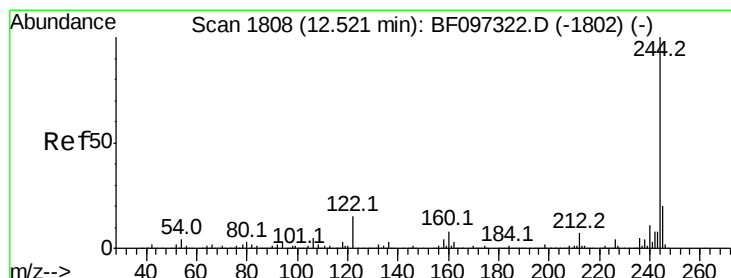
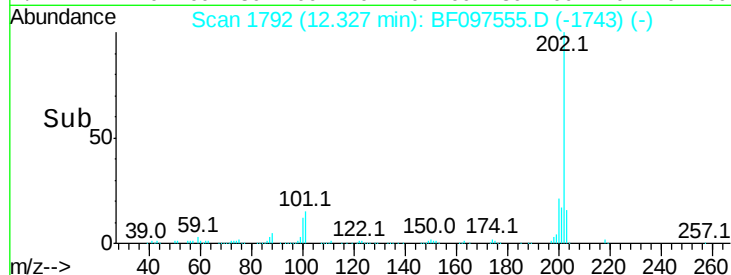
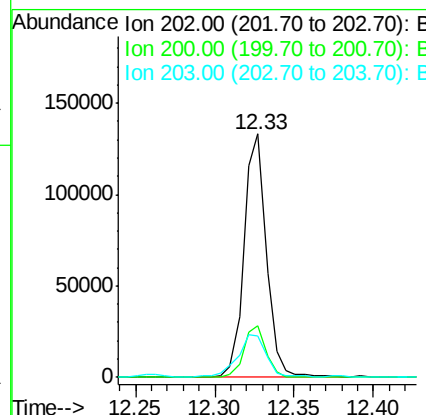
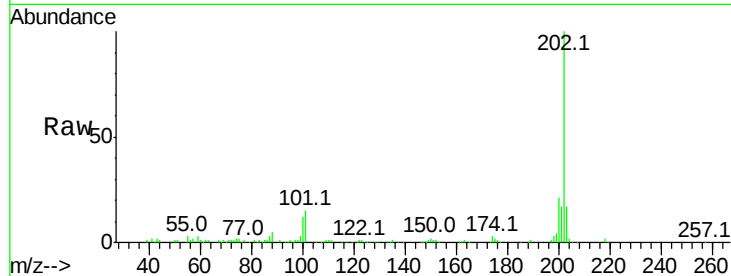
#77
Pvrene
Concen: 7.752 ng
RT: 12.33 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF097555.D
Acq: 10 Aug 2017 11:38

Instrument :
BNA_F
ClientSampleId :
TEC-S1COMP

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	16.8	14.4	21.6

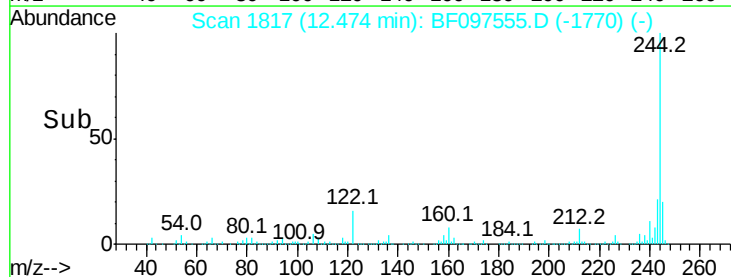
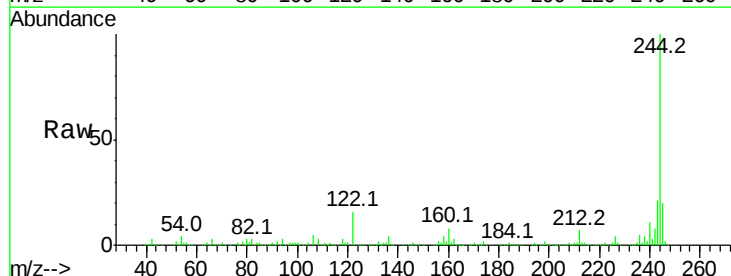
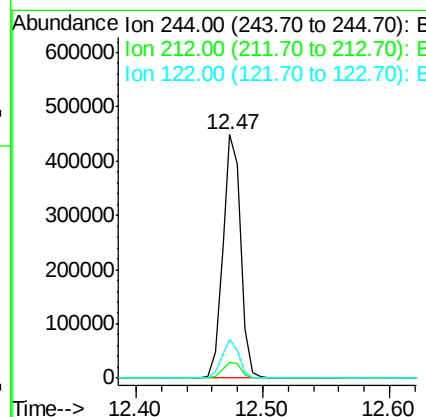
Manual Integrations
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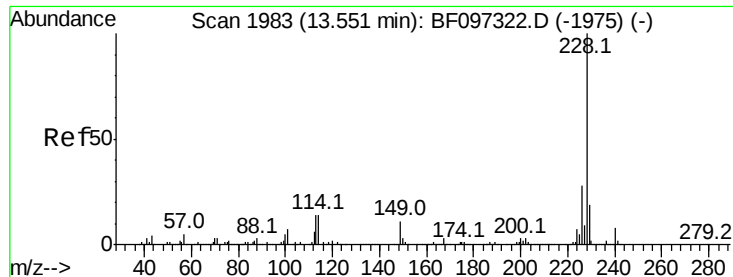
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#78
Terphenyl-d14
Concen: 43.511 ng
RT: 12.47 min Scan# 1817
Delta R.T. -0.02 min
Lab File: BF097555.D
Acq: 10 Aug 2017 11:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	16.0	10.3	15.5





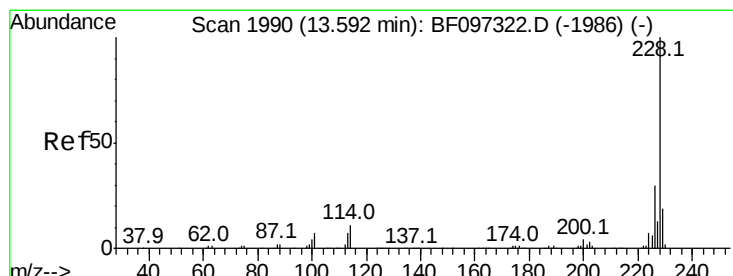
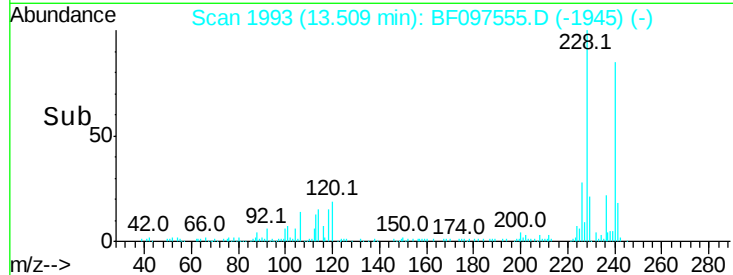
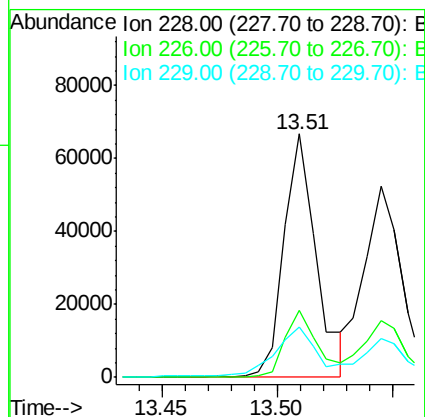
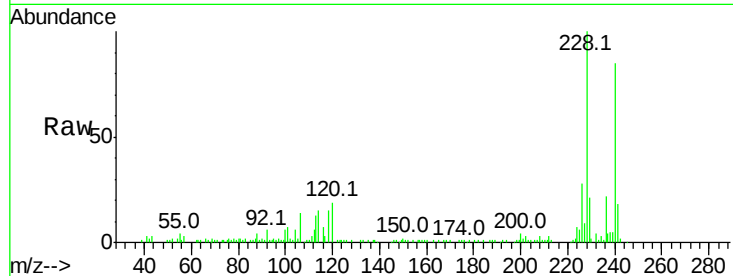
#80
Benzo(a)anthracene
Concen: 4.851 ng
RT: 13.51 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF097555.D
Acq: 10 Aug 2017 11:38

Instrument :
BNA_F
ClientSampleId :
TEC-S1COMP

Tot Ion:228	Resp:	64660
Ion Ratio	Lower	Upper
228 100		
226 27.6	22.6	33.8
229 20.8	16.3	24.5

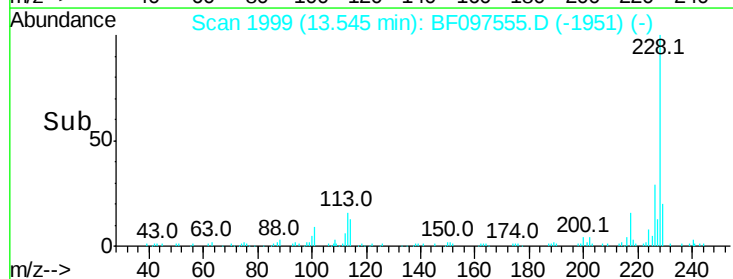
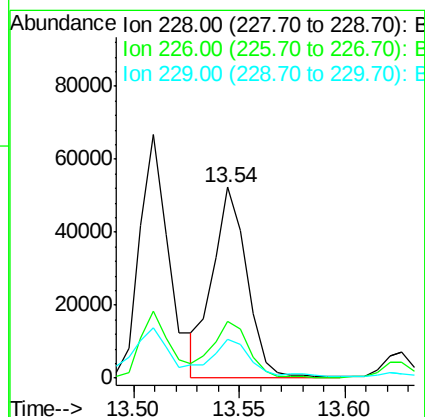
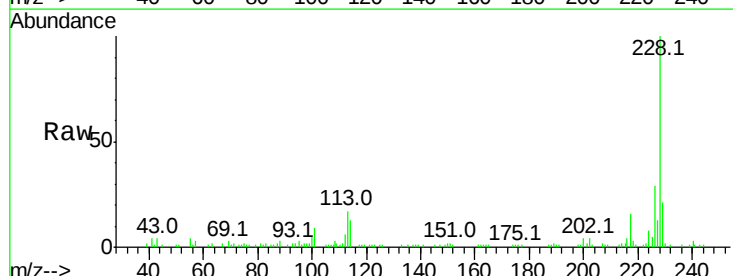
Manual Integrations
APPROVED

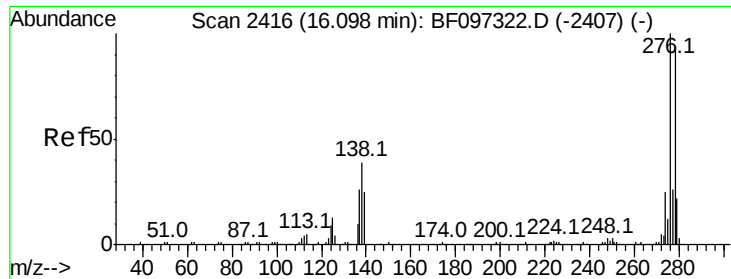
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#82
Chrysene
Concen: 4.518 ng
RT: 13.54 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BF097555.D
Acq: 10 Aug 2017 11:38

Tgt Ion:228	Resp:	58793
Ion Ratio	Lower	Upper
228 100		
226 29.5	24.9	37.3
229 20.5	15.8	23.6





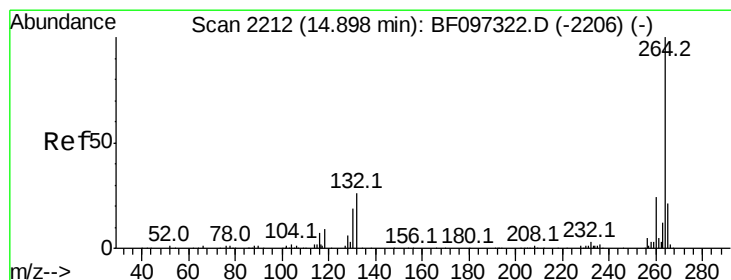
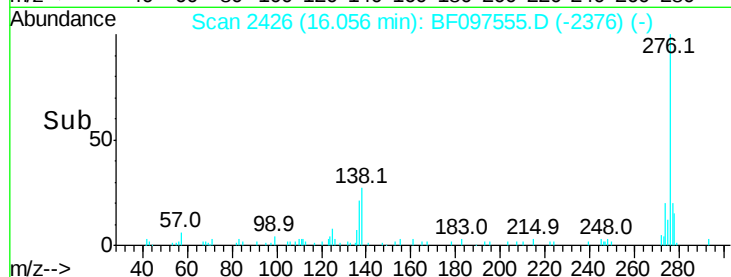
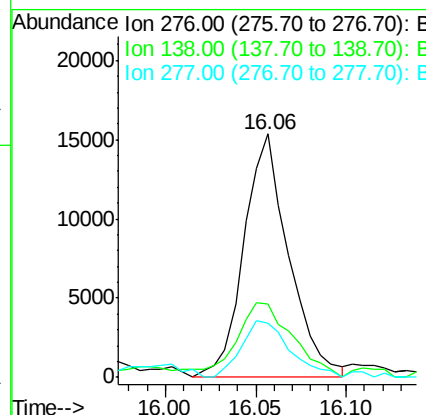
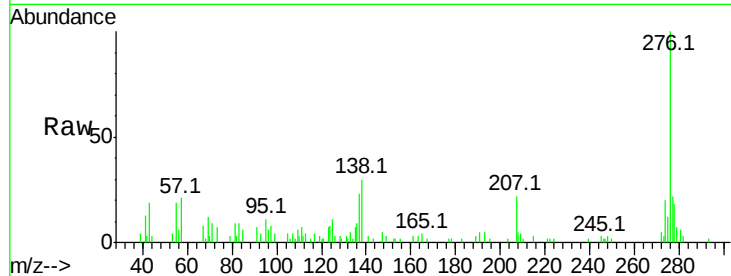
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.366 ng
RT: 16.06 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BF097555.D
Acq: 10 Aug 2017 11:38

Instrument :
BNA_F
ClientSampleId :
TEC-S1COMP

Tot Ion	Ratio	Lower	Upper
276	100		
138	39.0	27.8	41.6
277	25.1	20.2	30.4

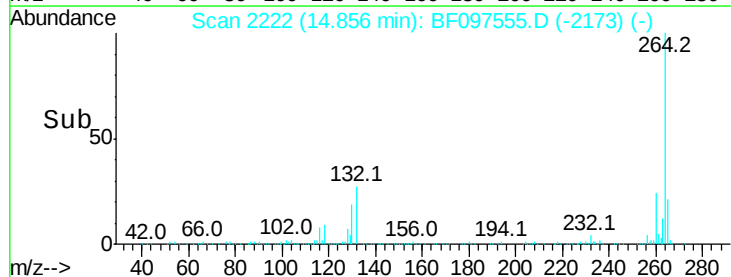
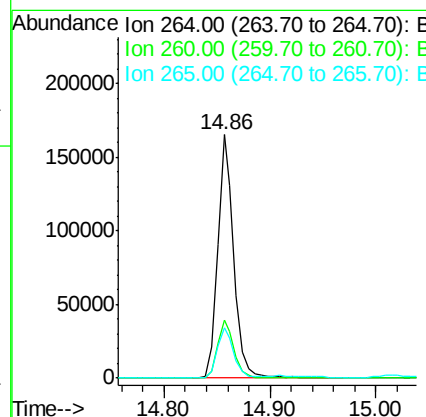
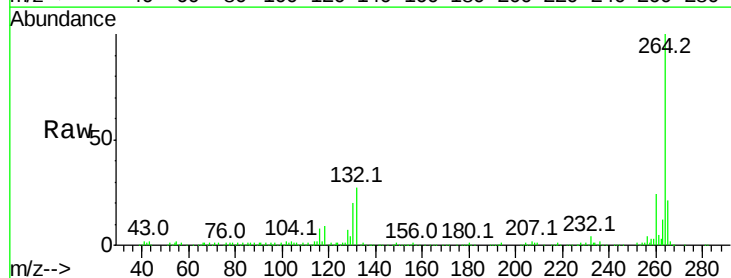
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APPROVED

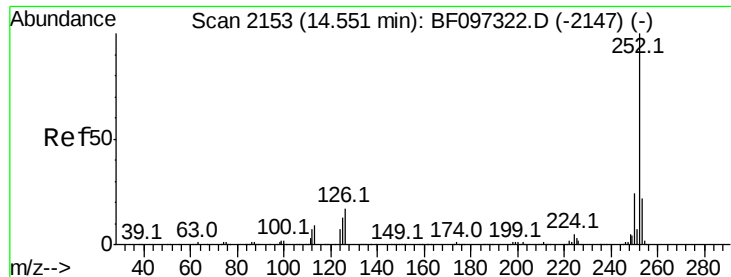
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#86
Perylene-d12
Concen: 20.000 ng
RT: 14.86 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF097555.D
Acq: 10 Aug 2017 11:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	20.5	17.2	25.8





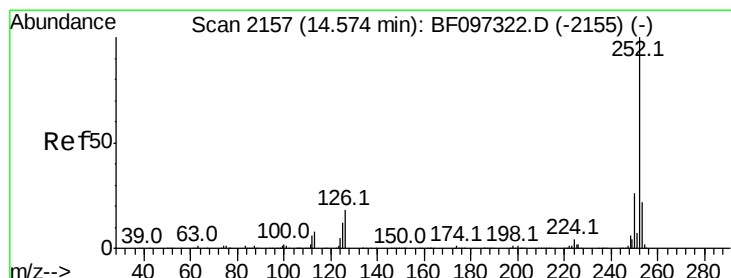
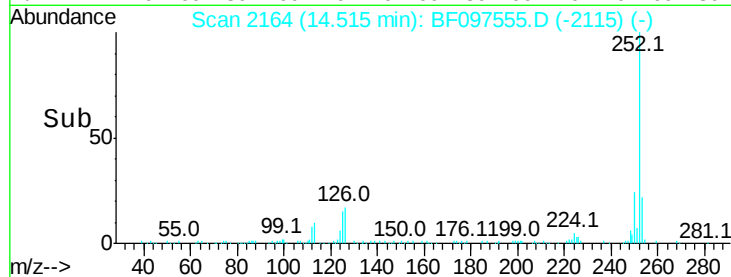
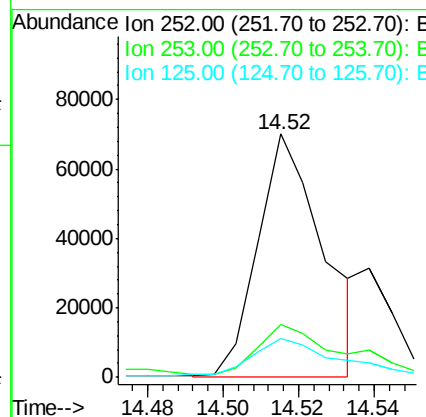
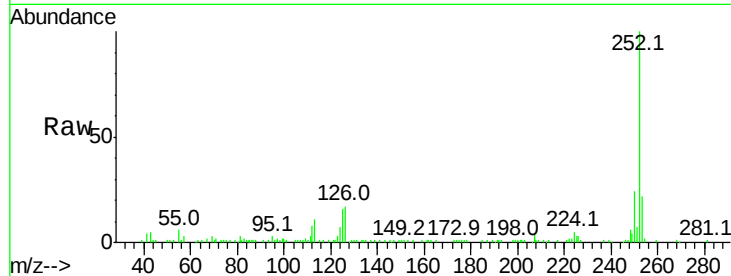
#87
Benzo(b)fluoranthene
Concen: 7.904 ng m
RT: 14.52 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BF097555.D
Acq: 10 Aug 2017 11:38

Instrument :
BNA_F
ClientSampleId :
TEC-S1COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	15.8	9.8	14.8

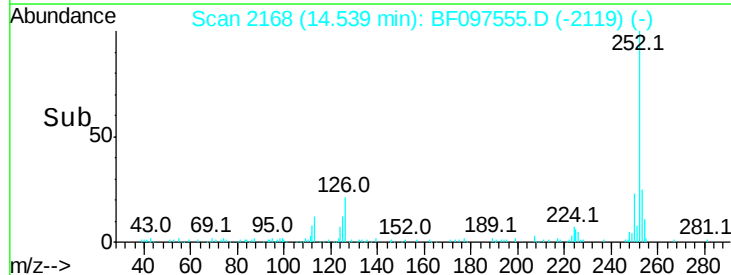
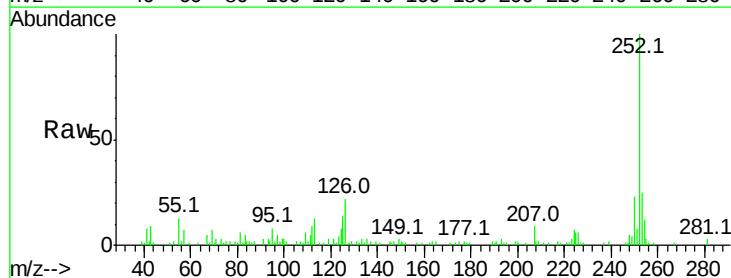
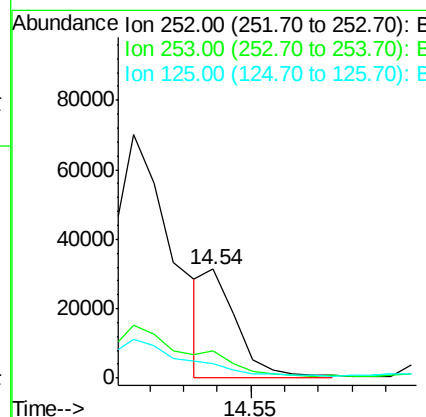
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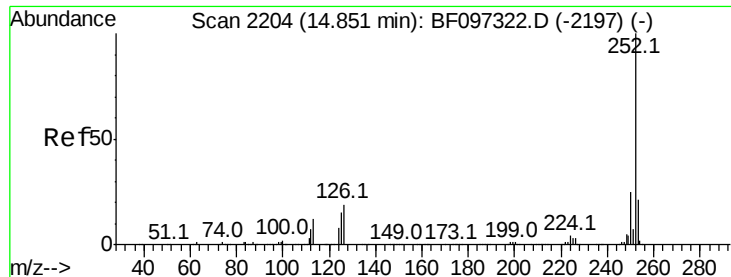
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#88
Benzo(k)fluoranthene
Concen: 2.101 ng m
RT: 14.54 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF097555.D
Acq: 10 Aug 2017 11:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.4	27.6
125	13.8	13.1	19.7





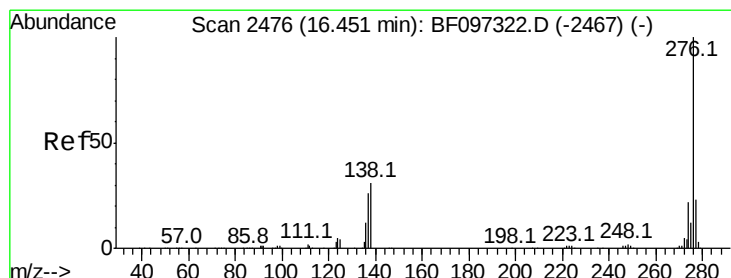
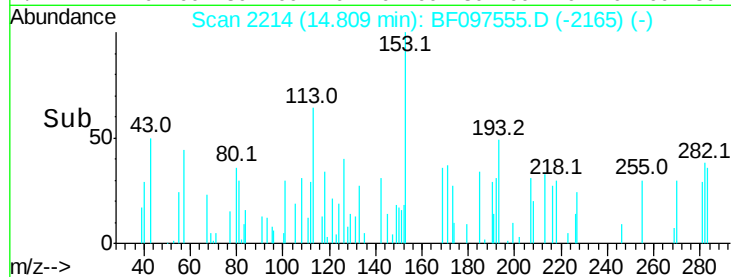
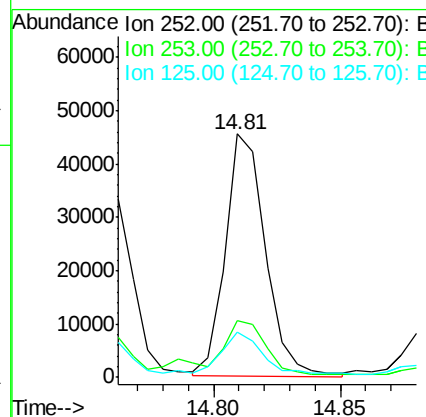
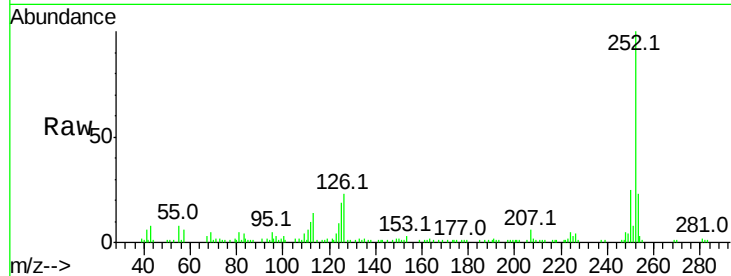
#89
Benzo(a)pyrene
Concen: 5.127 ng
RT: 14.81 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF097555.D
Acq: 10 Aug 2017 11:38

Instrument :
BNA_F
ClientSampleId :
TEC-S1COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	18.8	11.0	16.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.809 ng
RT: 16.40 min Scan# 2485
Delta R.T. -0.01 min
Lab File: BF097555.D
Acq: 10 Aug 2017 11:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.5	18.6	28.0
138	33.1	25.4	38.0

