

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
 Data File : BF097659.D
 Acq On : 13 Aug 2017 6:47
 Operator : SJ/JU
 Sample : I4677-10 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-F10-ESWDL

Manual Integrations
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Quant Time: Aug 14 13:13:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 15:55:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	118372	20.00	ng	-0.01
21) Naphthalene-d8	9.53	136	502487	20.00	ng	-0.01
38) Acenaphthene-d10	12.35	164	191817	20.00	ng	-0.02
63) Phenanthrene-d10	14.75	188	272562	20.00	ng	-0.01
75) Chrysene-d12	18.45	240	196830	20.00	ng	-0.01
86) Perylene-d12	20.12	264	186232	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	152902	20.53	ng	0.04
7) Phenol-d6	7.09	99	173682	18.80	ng	0.04
23) Nitrobenzene-d5	8.42	82	106946	13.35	ng	0.00
41) 2,4,6-Tribromophenol	13.66	330	22398	15.36	ng	0.00
44) 2-Fluorobiphenyl	11.30	172	157939	12.43	ng	-0.02
78) Terphenyl-d14	17.10	244	92429	9.72	ng	-0.02
Target Compounds						
70) Phenanthrene	14.79	178	136691	8.707	ng	Qvalue 97
71) Anthracene	14.88	178	41792	2.602	ng	96
74) Fluoranthene	16.55	202	222132	15.659	ng	97
77) Pyrene	16.86	202	204771	12.580	ng	97
80) Benzo(a)anthracene	18.43	228	113487	9.872	ng	98
82) Chrysene	18.48	228	113764	9.949	ng	98
85) Indeno(1,2,3-cd)pyrene	21.34	276	51885	5.834	ng	98
87) Benzo(b)fluoranthene	19.72	252	158152	14.142	ng	97
88) Benzo(k)fluoranthene	19.74	252	48960m	4.347	ng	
89) Benzo(a)pyrene	20.06	252	102139	9.951	ng	# 94
90) Dibenzo(a,h)anthracene	21.34	278	15695m	2.136	ng	
91) Benzo(a,h,i)perylene	21.69	276	49175	6.100	ng	93

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

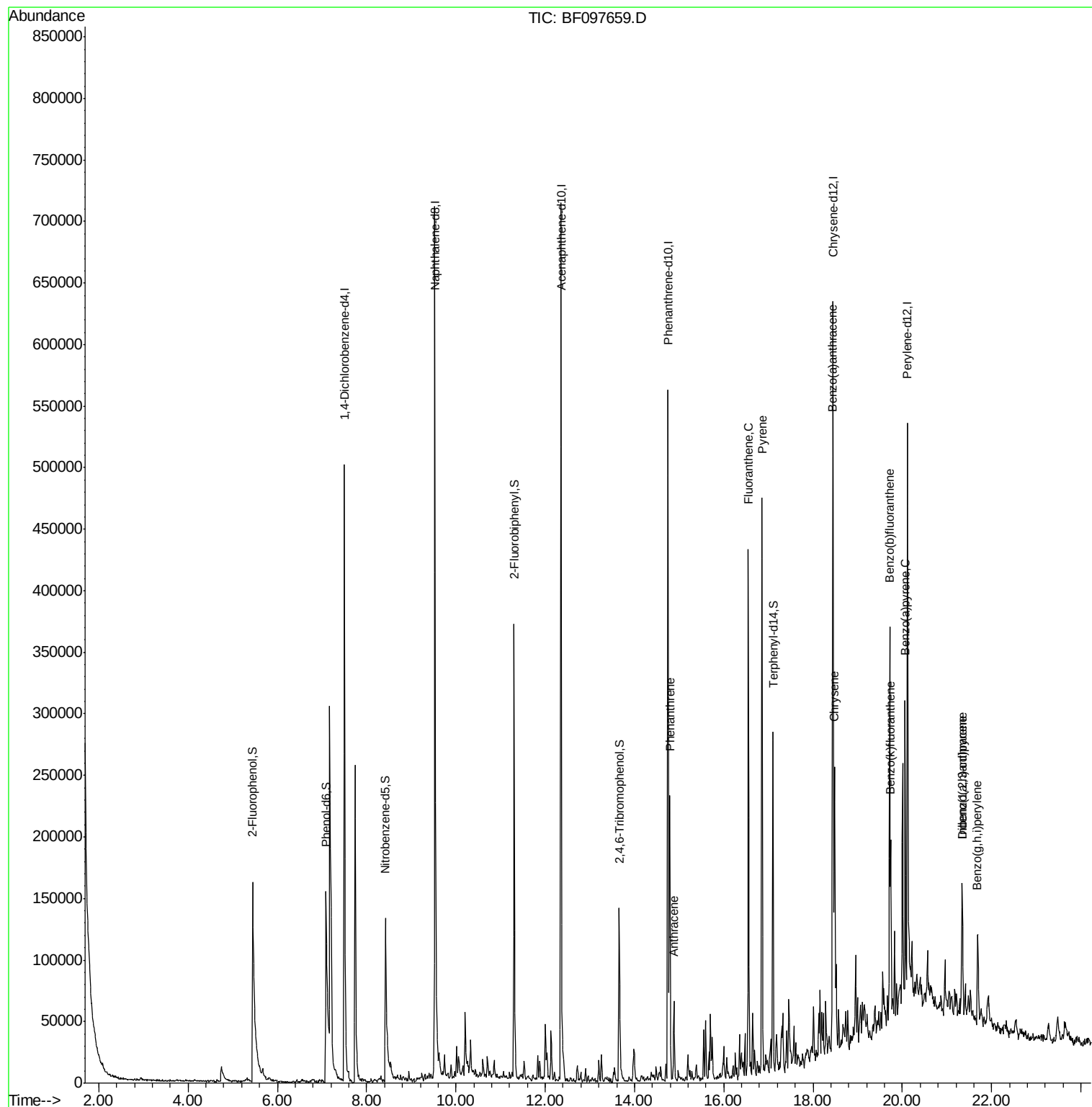
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Data File : BF097659.D
Acq On : 13 Aug 2017 6:47
Operator : SJ/JU
Sample : I4677-10 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

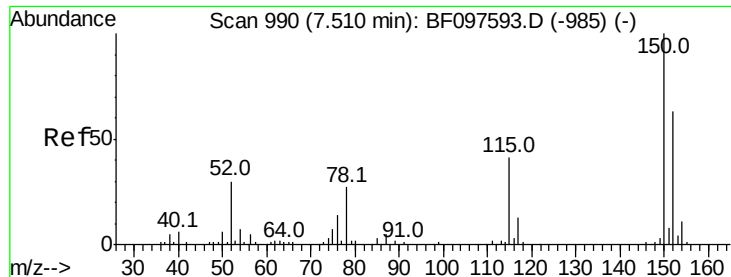
Instrument :
BNA_F
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E2-F10-ESWDL

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Quant Time: Aug 14 13:13:37 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

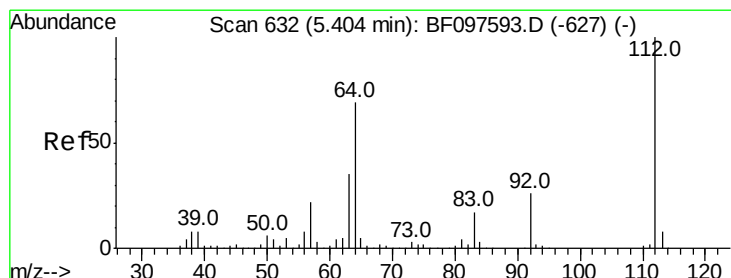
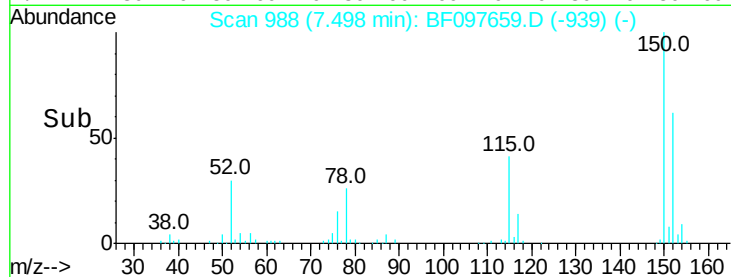
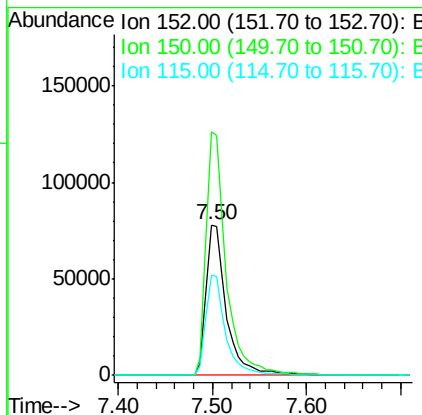
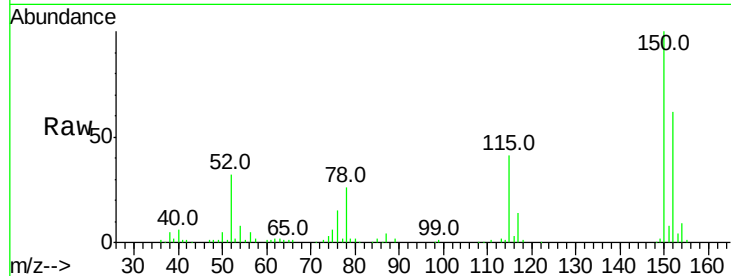
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF097659.D
Acq: 13 Aug 2017 6:47

Instrument :
BNA_F
ClientSampleId :
E2-F10-ESWDL

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.6	126.2	189.2
115	66.4	52.2	78.2

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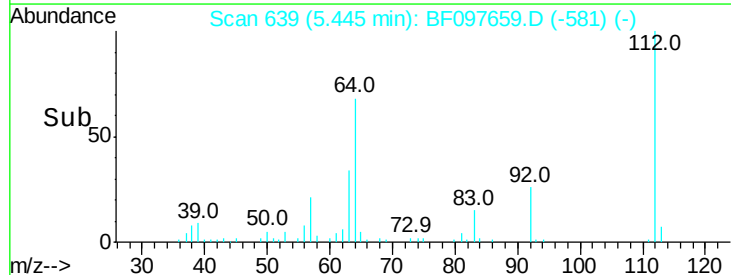
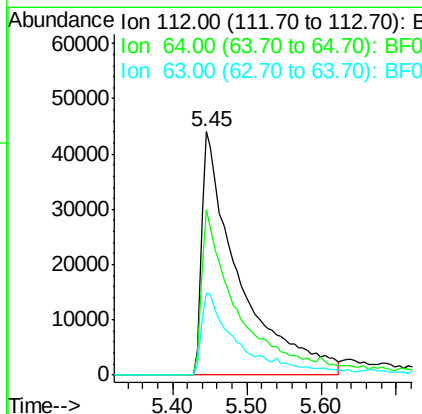
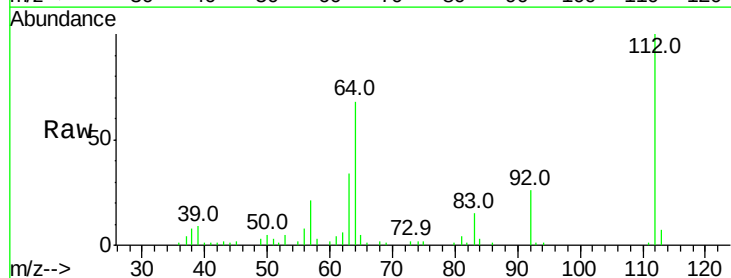
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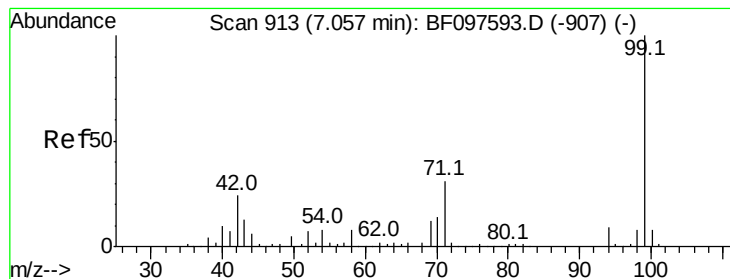


#5

2-Fluorophenol
Concen: 20.532 ng
RT: 5.45 min Scan# 639
Delta R.T. 0.04 min
Lab File: BF097659.D
Acq: 13 Aug 2017 6:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.0	46.0	69.0
63	33.8	23.4	35.0





#7

Phenol-d6

Concen: 18.800 ng

RT: 7.09 min Scan# 919

Delta R.T. 0.04 min

Lab File: BF097659.D

Acq: 13 Aug 2017 6:47

Instrument :

BNA_F

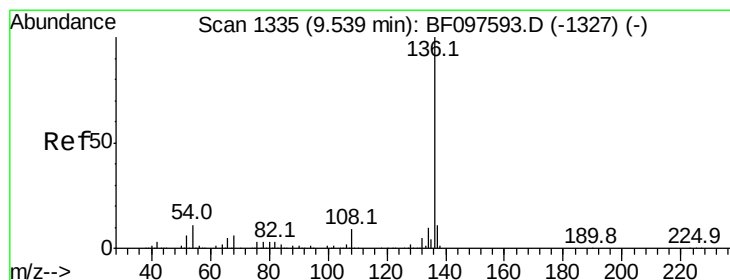
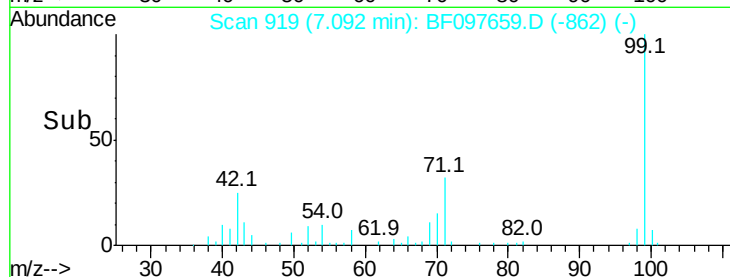
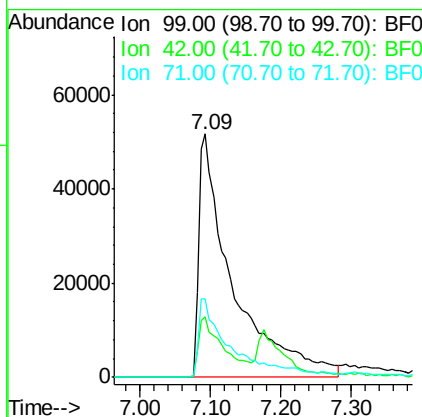
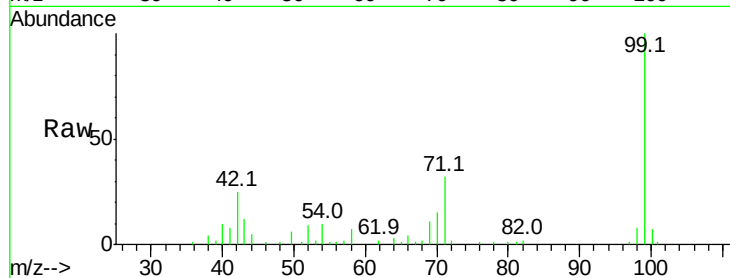
ClientSampleId :

E2-F10-ESWDL

Tot Ion:	99	Resp:	173682
Ion Ratio	Lower	Upper	
99	100		
42	24.9	13.5	20.3#
71	32.3	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

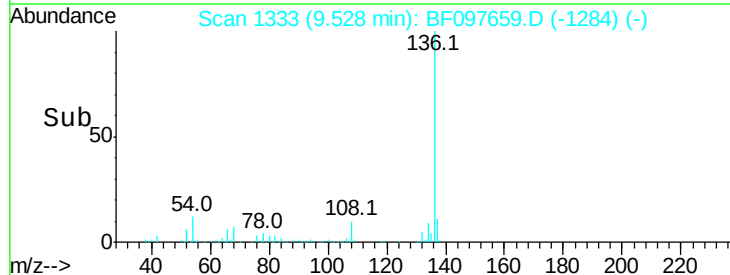
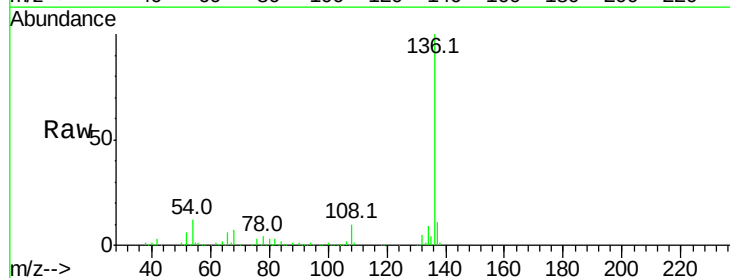
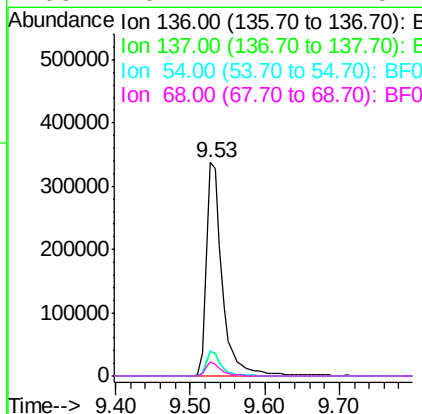
RT: 9.53 min Scan# 1333

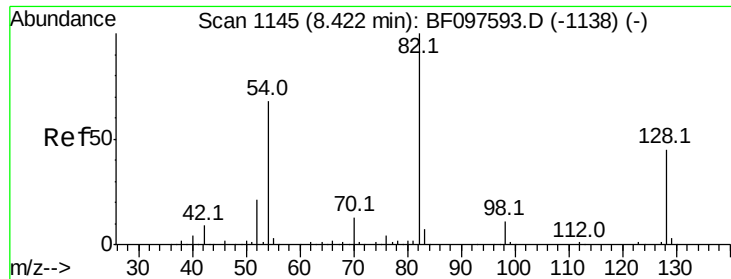
Delta R.T. -0.01 min

Lab File: BF097659.D

Acq: 13 Aug 2017 6:47

Tgt Ion:	136	Resp:	502487
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.5	12.7
54	11.8	4.9	7.3#
68	6.7	4.1	6.1#





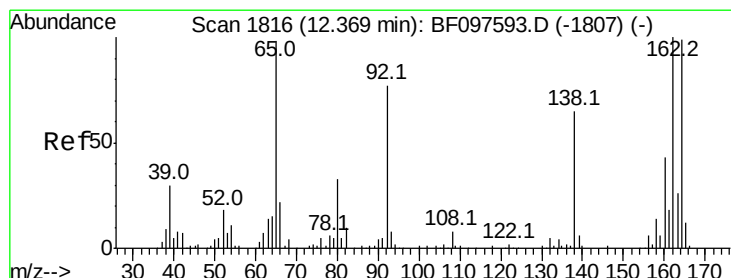
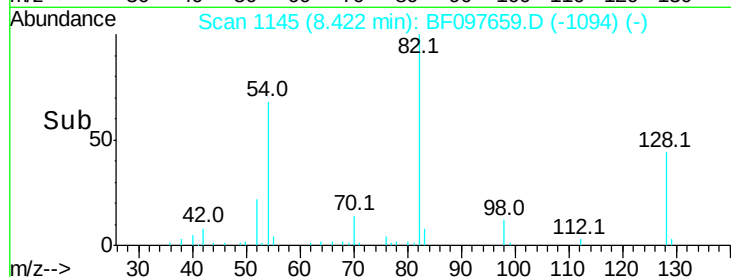
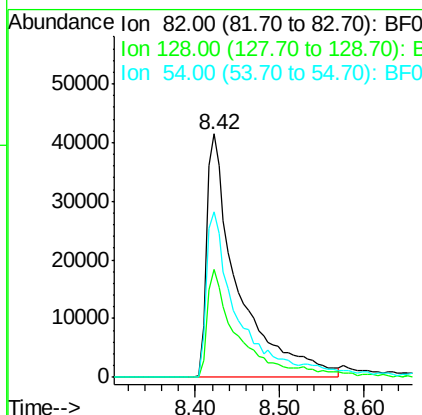
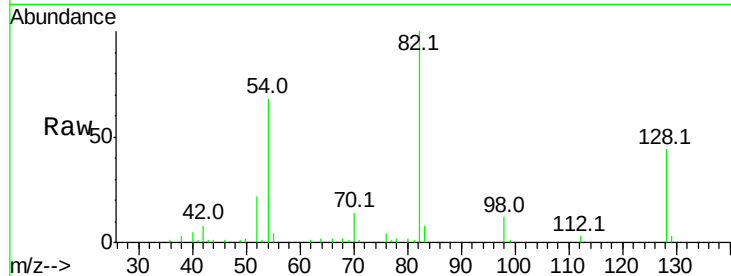
#23
 Nitrobenzene-d5
 Concen: 13.346 ng
 RT: 8.42 min Scan# 1145
 Delta R.T. -0.00 min
 Lab File: BF097659.D
 Acq: 13 Aug 2017 6:47

Instrument :
 BNA_F
 ClientSampleId :
 E2-F10-ESWDL

Tot Ion	82	Resp	106946
Ion Ratio	100	Lower	Upper
82	100		
128	44.2	34.0	51.0
54	68.1	42.2	63.2#

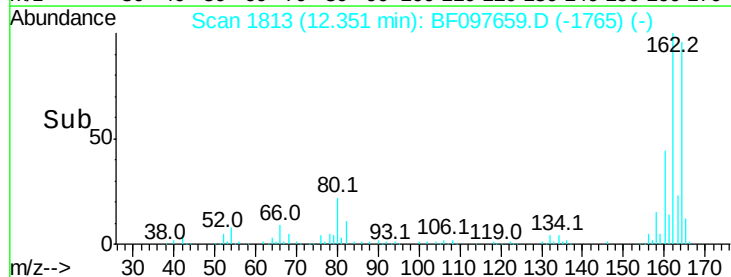
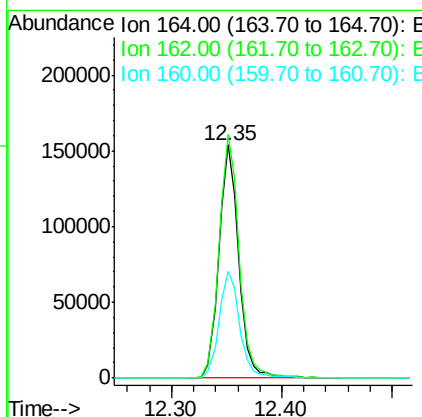
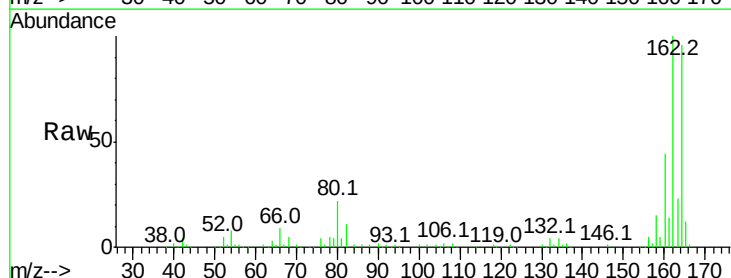
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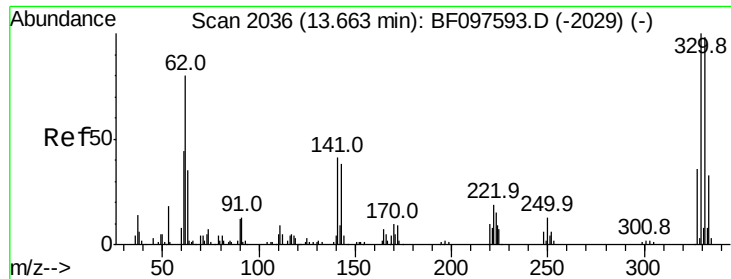
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 12.35 min Scan# 1813
 Delta R.T. -0.02 min
 Lab File: BF097659.D
 Acq: 13 Aug 2017 6:47

Tgt Ion	164	Resp	191817
Ion Ratio	100	Lower	Upper
164	100		
162	104.6	82.6	123.8
160	45.7	36.2	54.2





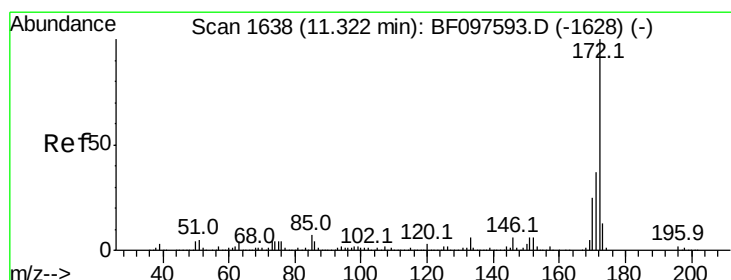
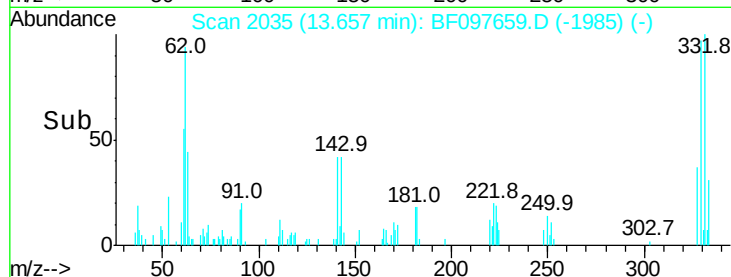
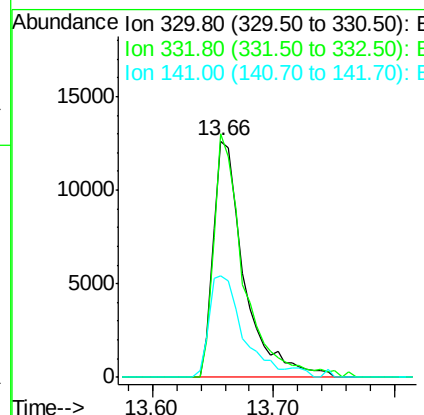
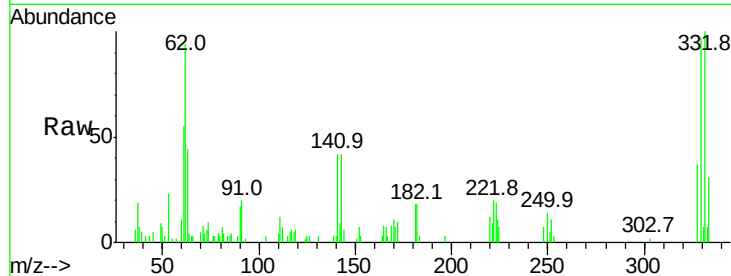
#41
 2,4,6-Tribromophenol
 Concen: 15.360 ng
 RT: 13.66 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF097659.D
 Acq: 13 Aug 2017 6:47

Instrument :
 BNA_F
 ClientSampleId :
 E2-F10-ESWDL

Tot Ion	Ratio	Resp	Lower	Upper
330	100	22398		
332	99.7	76.6	115.0	
141	46.8	31.4	47.2	

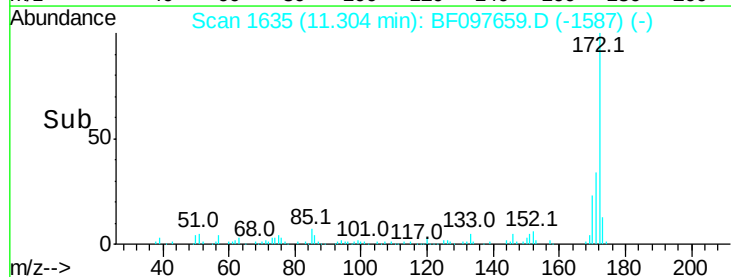
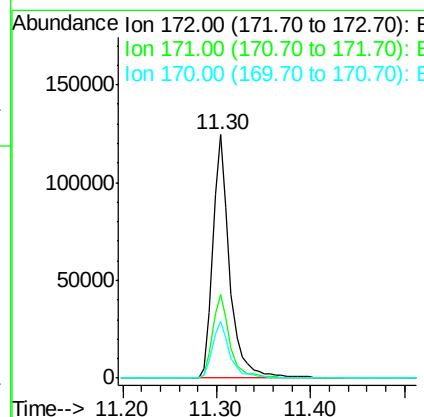
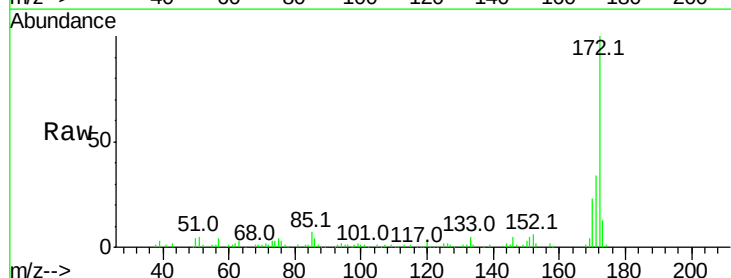
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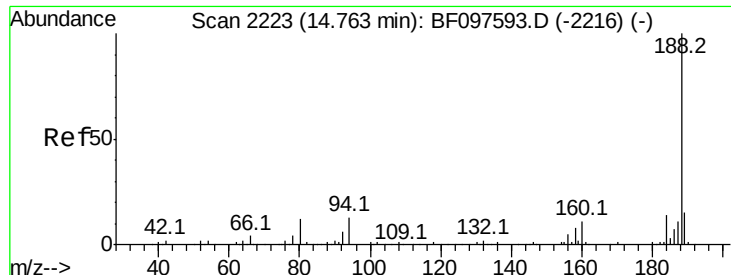
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#44
 2-Fluorobiphenyl
 Concen: 12.426 ng
 RT: 11.30 min Scan# 1635
 Delta R.T. -0.02 min
 Lab File: BF097659.D
 Acq: 13 Aug 2017 6:47

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	157939		
171	34.3	29.6	44.4	
170	23.2	19.8	29.8	





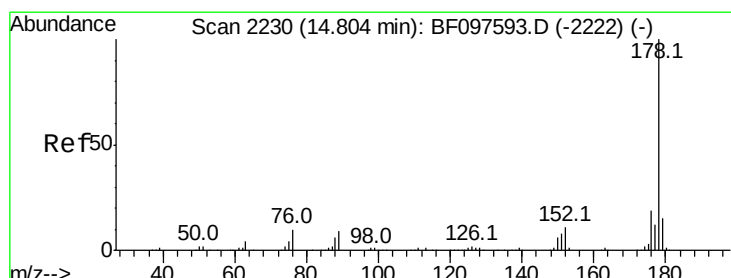
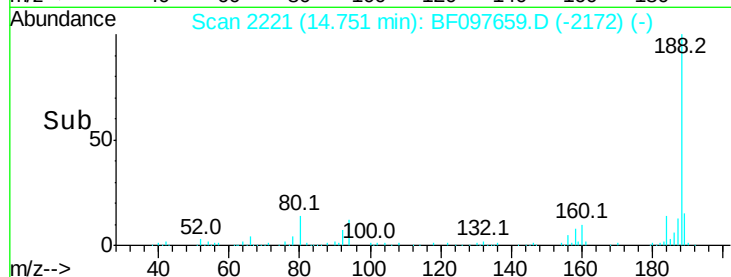
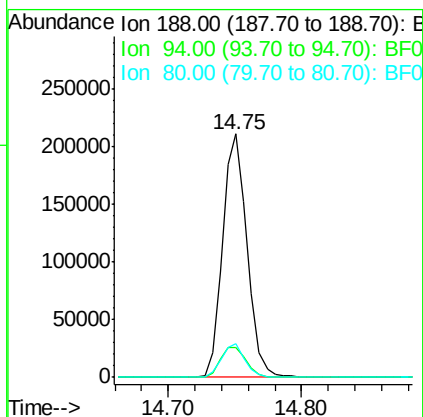
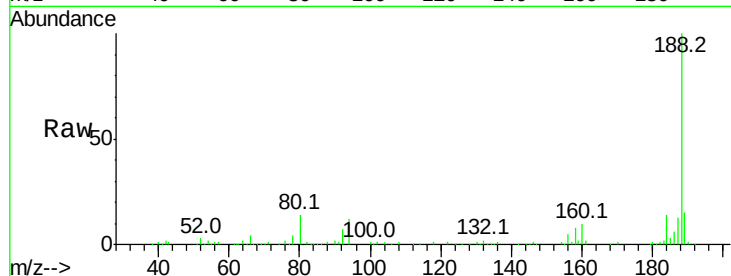
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BF097659.D
Acq: 13 Aug 2017 6:47

Instrument :
BNA_F
ClientSampleId :
E2-F10-ESWDL

Tot Ion	Ratio	Resp	Lower	Upper
188	100	272562		
94	12.1		9.4	14.2
80	13.9		10.2	15.2

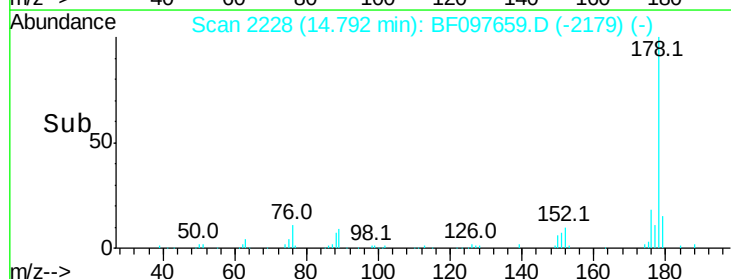
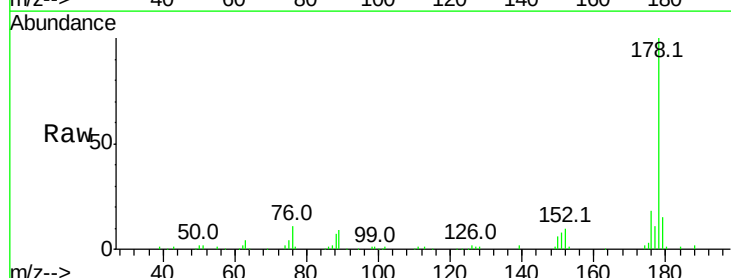
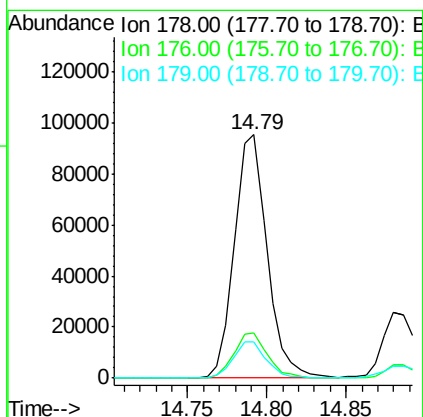
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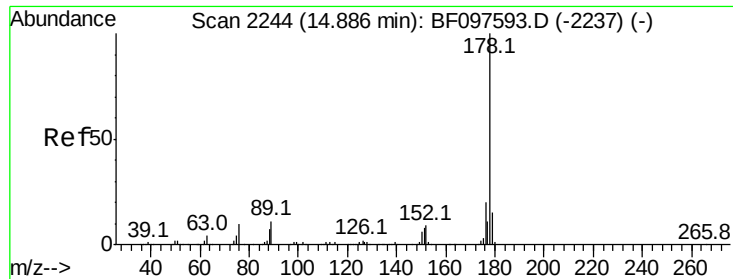
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#70
Phenanthrene
Concen: 8.707 ng
RT: 14.79 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BF097659.D
Acq: 13 Aug 2017 6:47

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	136691		
176	18.4		16.2	24.4
179	14.9		12.6	19.0





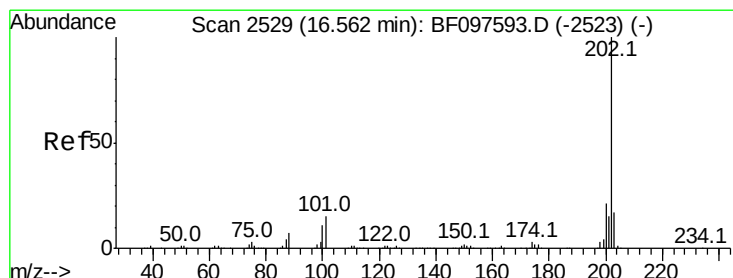
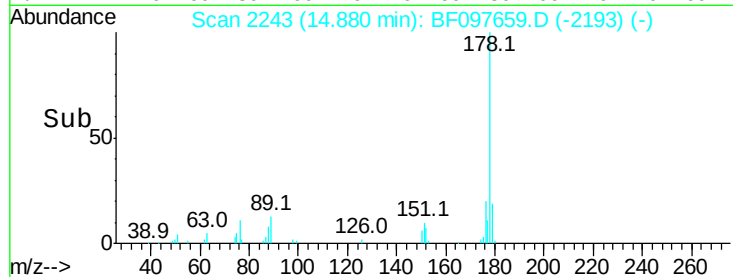
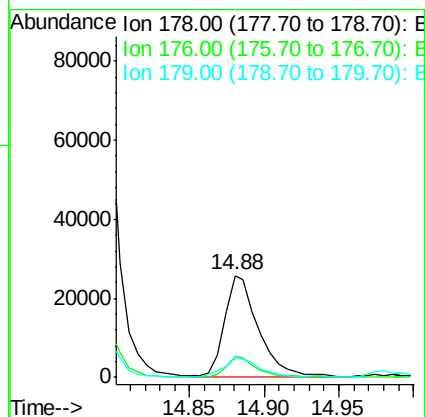
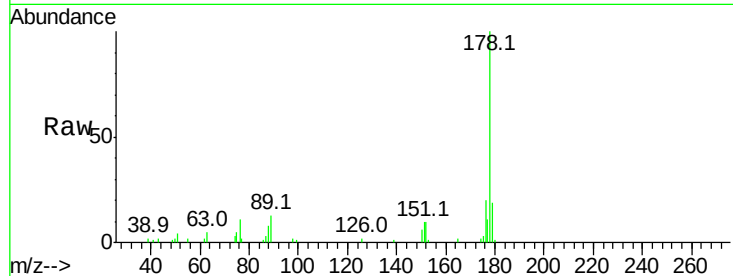
#71
 Anthracene
 Concen: 2.602 ng
 RT: 14.88 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF097659.D
 Acq: 13 Aug 2017 6:47

Instrument :
 BNA_F
 ClientSampleId :
 E2-F10-ESWDL

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	19.0	12.7	19.1

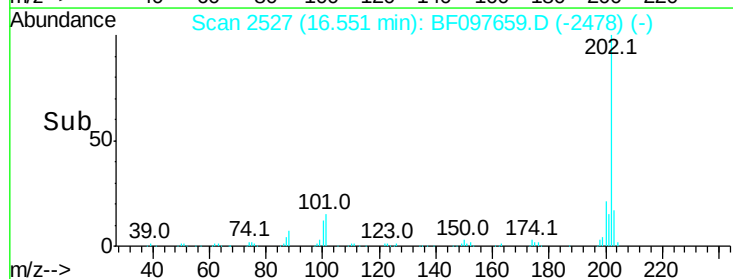
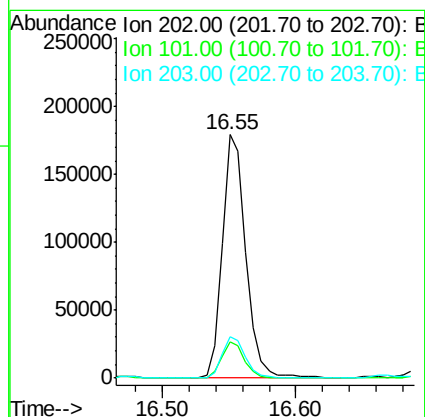
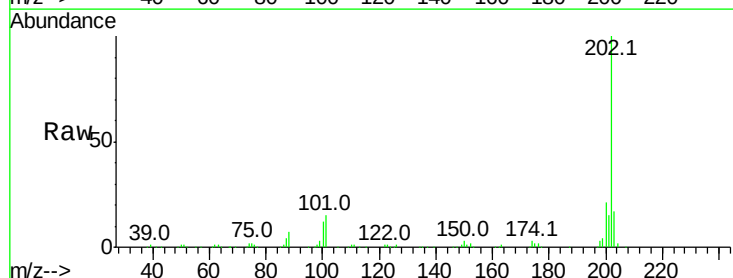
Manual Integrations
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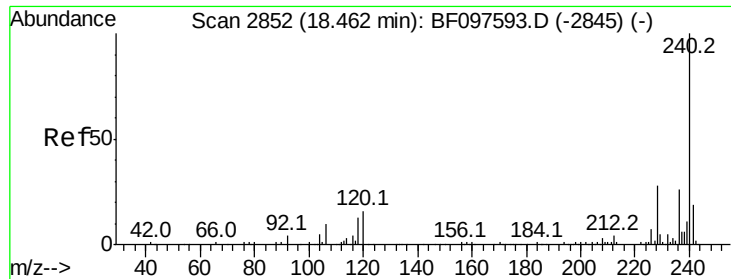
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#74
 Fluoranthene
 Concen: 15.659 ng
 RT: 16.55 min Scan# 2527
 Delta R.T. -0.01 min
 Lab File: BF097659.D
 Acq: 13 Aug 2017 6:47

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





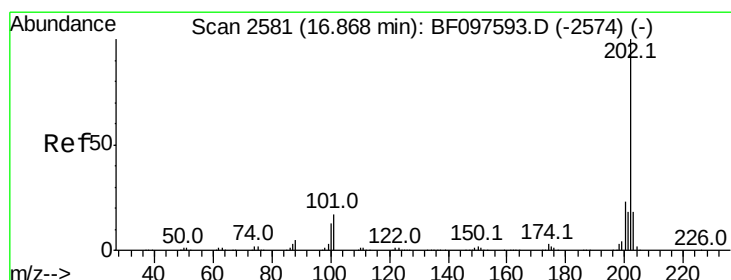
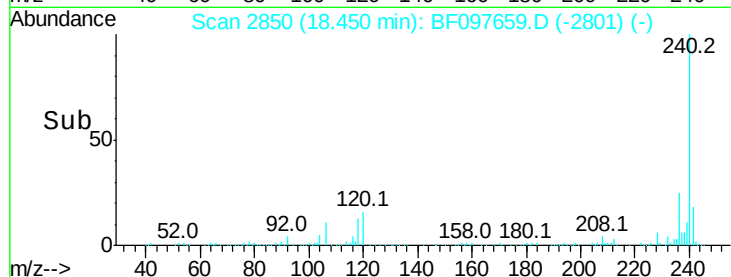
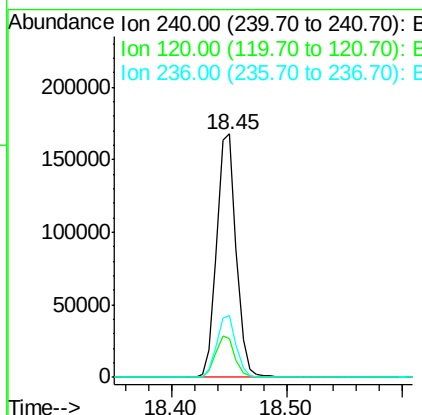
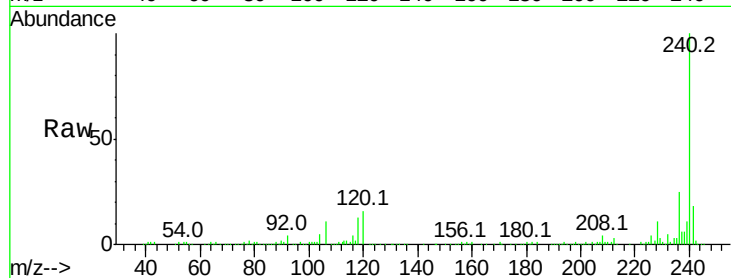
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 18.45 min Scan# 2850
 Delta R.T. -0.01 min
 Lab File: BF097659.D
 Acq: 13 Aug 2017 6:47

Instrument :
 BNA_F
 ClientSampleId :
 E2-F10-ESWDL

Tot Ion	Ratio	Resp	Lower	Upper
240	100	196830		
120	15.8	5.8	8.8#	
236	25.4	20.5	30.7	

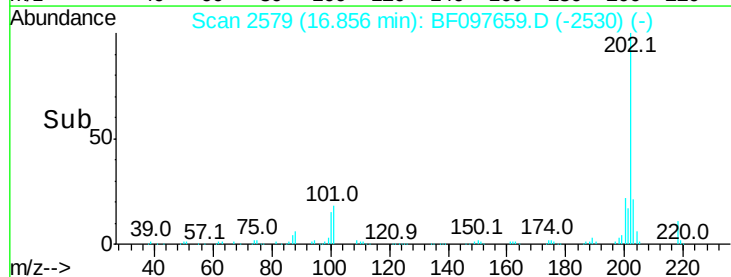
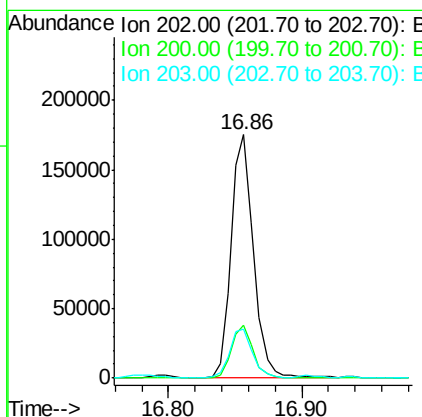
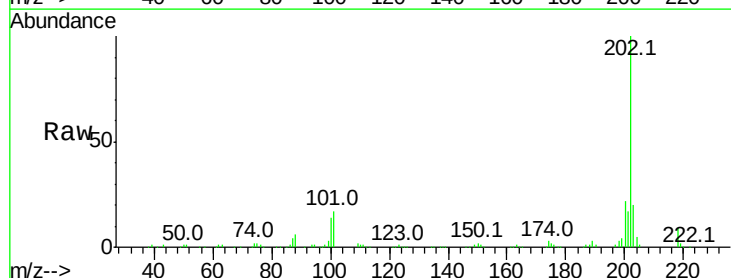
Manual Integrations
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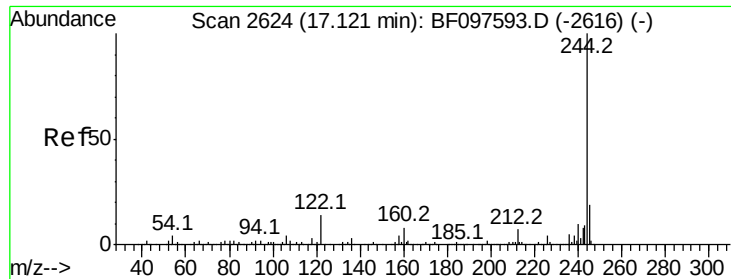
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#77
 Pyrene
 Concen: 12.580 ng
 RT: 16.86 min Scan# 2579
 Delta R.T. -0.01 min
 Lab File: BF097659.D
 Acq: 13 Aug 2017 6:47

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	204771		
200	21.5	17.6	26.4	
203	20.1	14.4	21.6	





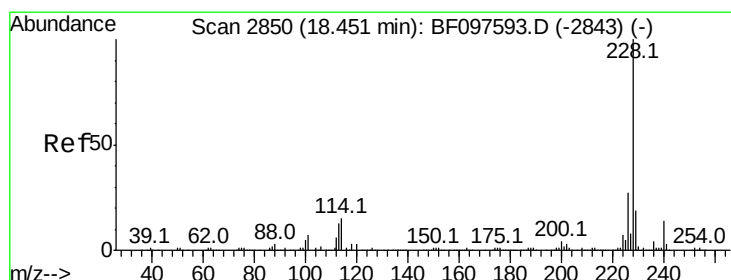
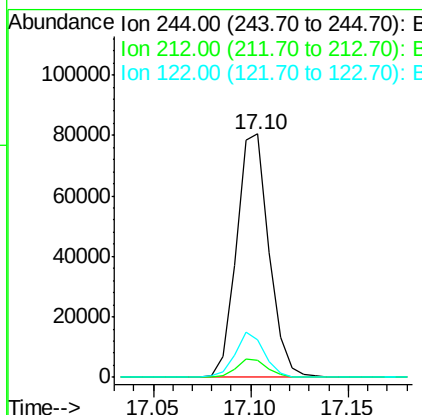
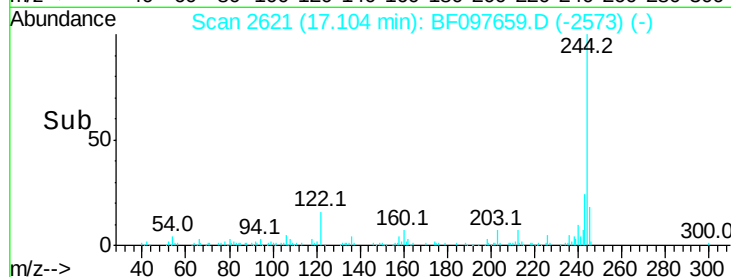
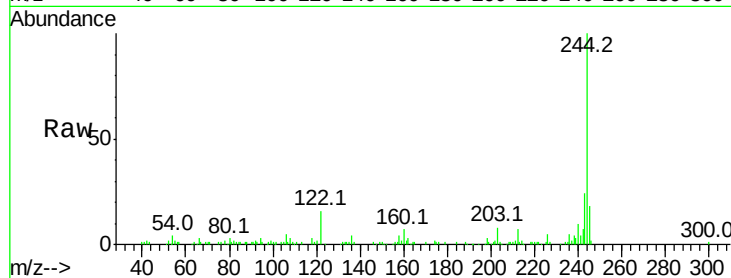
#78
 Terphenyl-d14
 Concen: 9.719 ng
 RT: 17.10 min Scan# 2621
 Delta R.T. -0.02 min
 Lab File: BF097659.D
 Acq: 13 Aug 2017 6:47

Instrument :
 BNA_F
 ClientSampleId :
 E2-F10-ESWDL

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	15.6	10.3	15.5

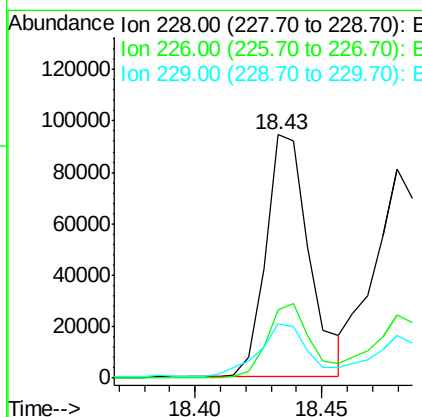
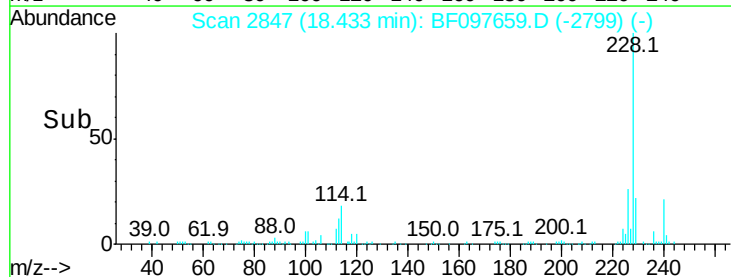
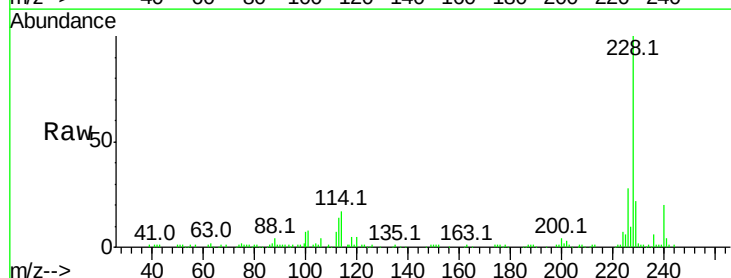
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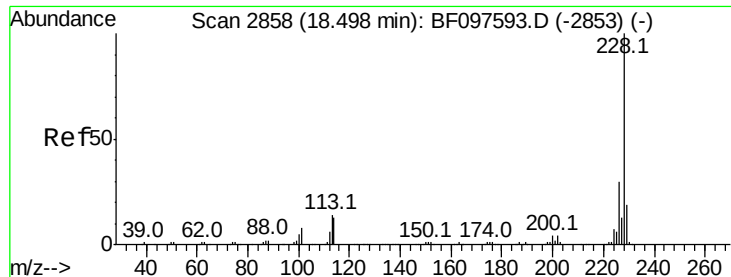
sohil
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#80
 Benzo(a)anthracene
 Concen: 9.872 ng
 RT: 18.43 min Scan# 2847
 Delta R.T. -0.02 min
 Lab File: BF097659.D
 Acq: 13 Aug 2017 6:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	22.3	16.3	24.5





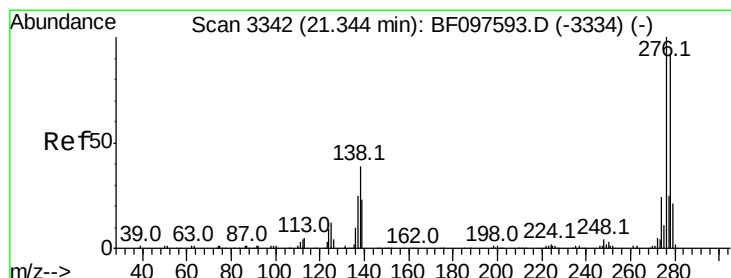
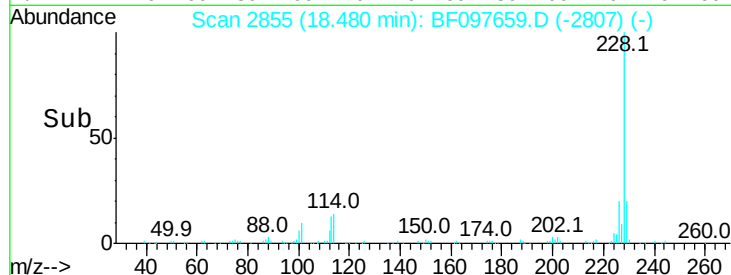
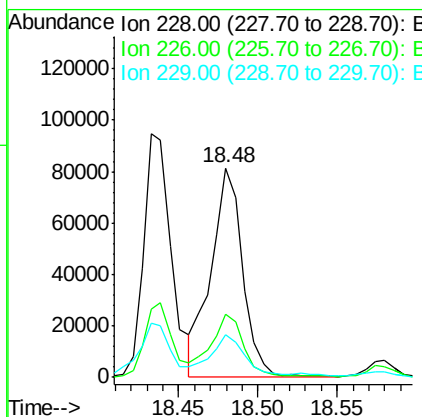
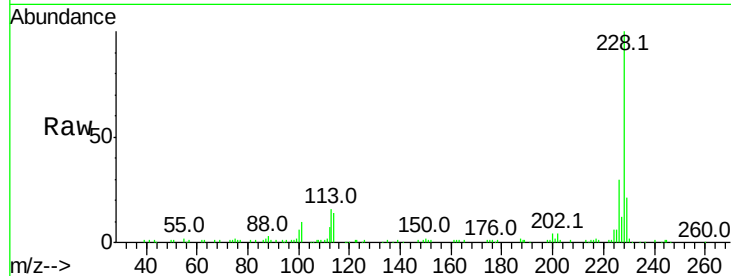
#82
Chrysene
Concen: 9.949 ng
RT: 18.48 min Scan# 2855
Delta R.T. -0.02 min
Lab File: BF097659.D
Acq: 13 Aug 2017 6:47

Instrument :
BNA_F
ClientSampleId :
E2-F10-ESWDL

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.9	37.3
229	20.6	15.8	23.6

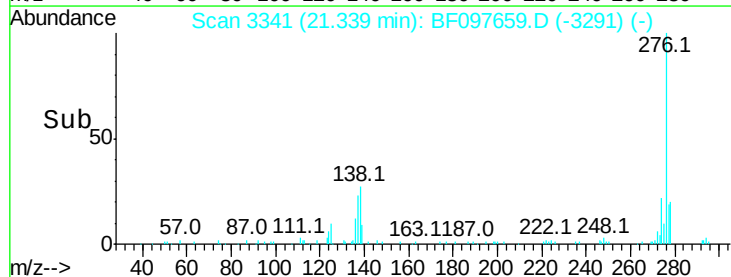
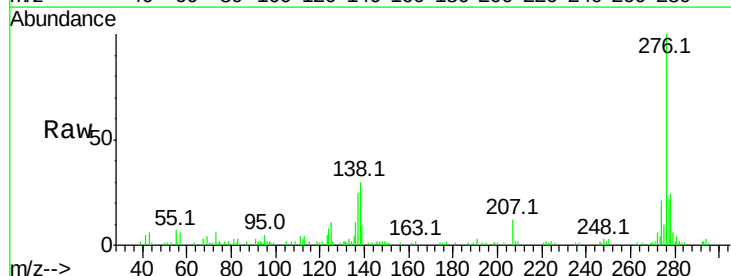
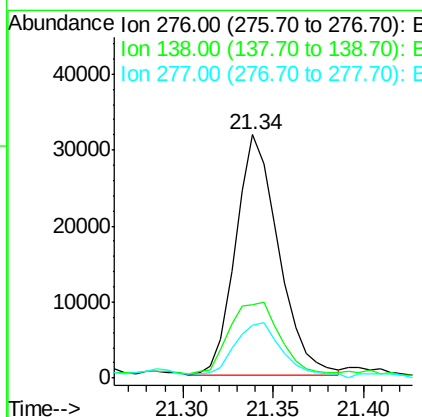
Manual Integrations
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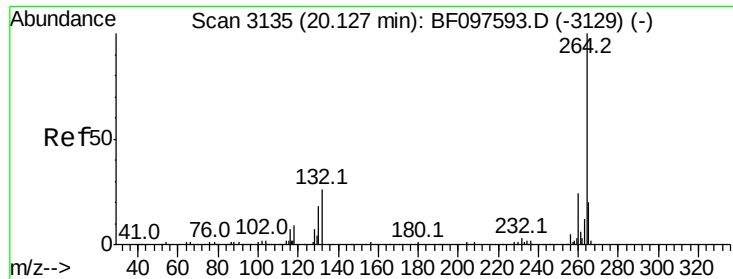
sohil
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#85
Indeno(1,2,3-cd)pyrene
Concen: 5.834 ng
RT: 21.34 min Scan# 3341
Delta R.T. -0.01 min
Lab File: BF097659.D
Acq: 13 Aug 2017 6:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	35.8	27.8	41.6
277	26.4	20.2	30.4





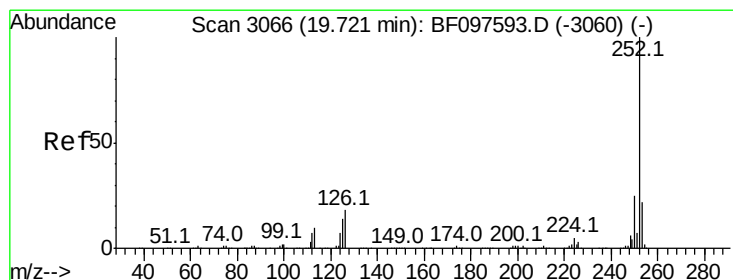
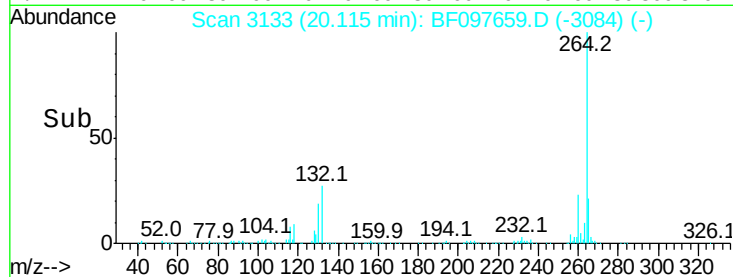
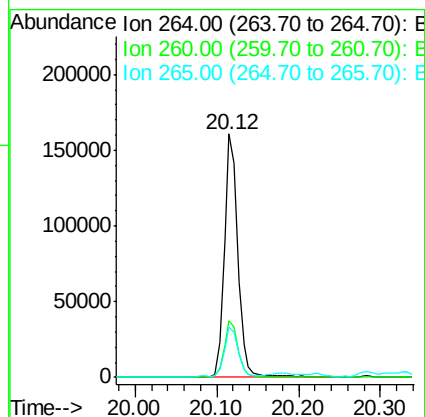
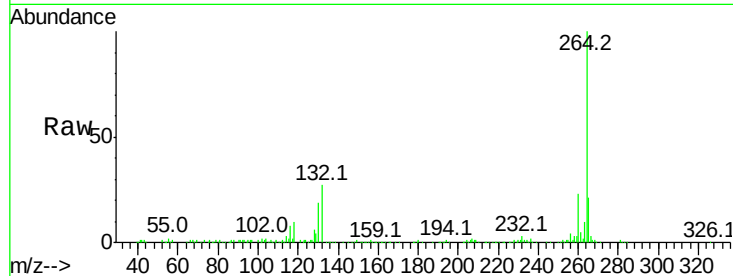
#86
Pervlene-d12
Concen: 20.000 ng
RT: 20.12 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BF097659.D
Acq: 13 Aug 2017 6:47

Instrument :
BNA_F
ClientSampleId :
E2-F10-ESWDL

Tot Ion:	264	Resp:	186232
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.5	29.3
265	20.8	17.2	25.8

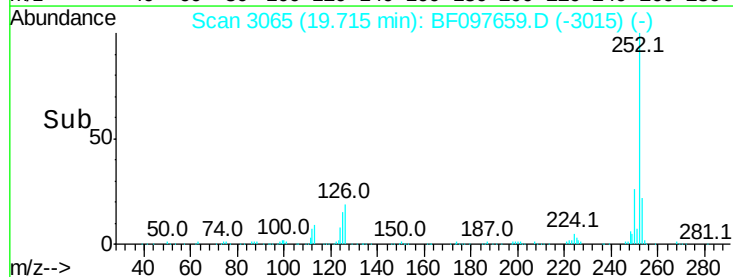
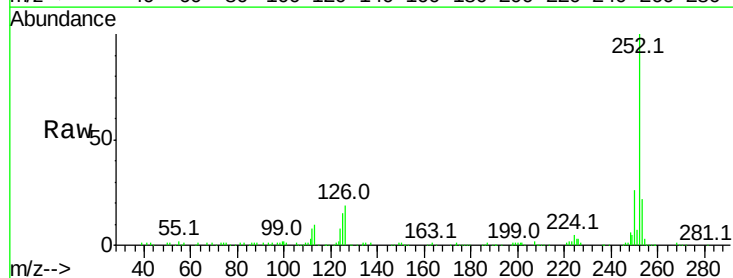
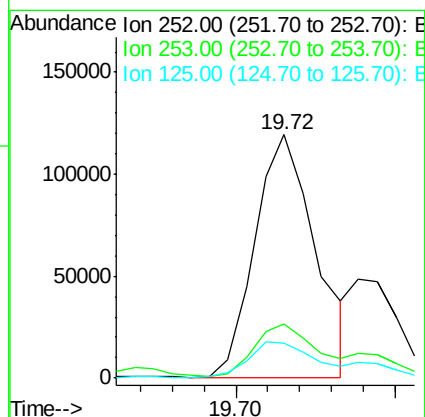
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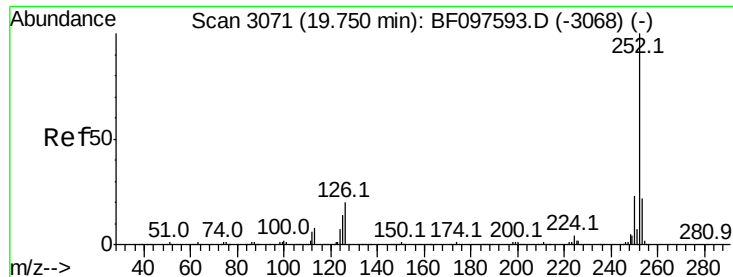
sohil
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#87
Benzo(b)fluoranthene
Concen: 14.142 ng
RT: 19.72 min Scan# 3065
Delta R.T. -0.01 min
Lab File: BF097659.D
Acq: 13 Aug 2017 6:47

Tgt Ion:	252	Resp:	158152
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.1	27.1
125	14.6	9.8	14.8





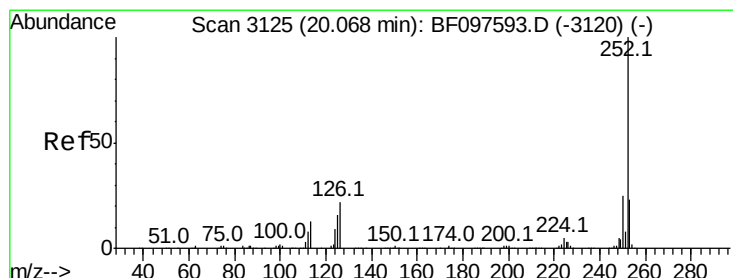
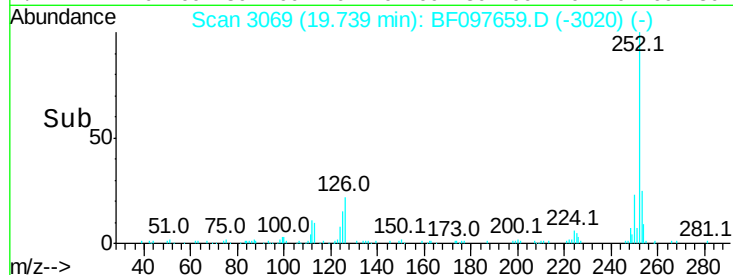
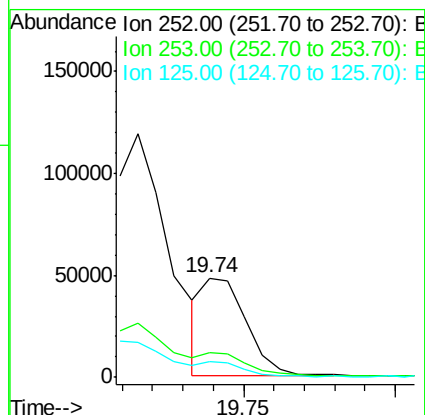
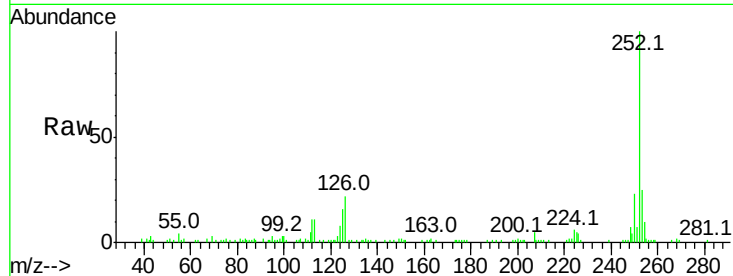
#88
Benzo(k)fluoranthene
Concen: 4.347 ng m
RT: 19.74 min Scan# 3069
Delta R.T. -0.01 min
Lab File: BF097659.D
Acq: 13 Aug 2017 6:47

Instrument :
BNA_F
ClientSampleId :
E2-F10-ESWDL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.4	27.6
125	16.2	13.1	19.7

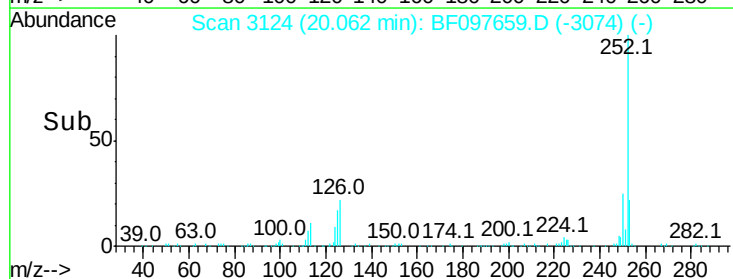
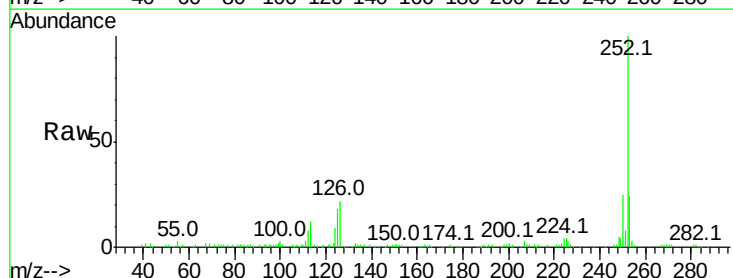
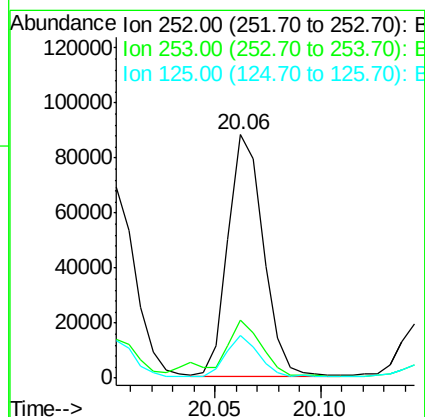
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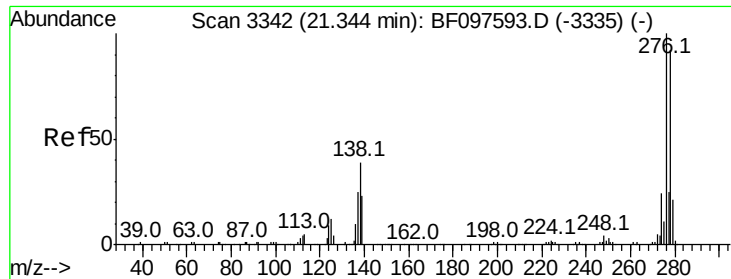
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#89
Benzo(a)pyrene
Concen: 9.951 ng
RT: 20.06 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BF097659.D
Acq: 13 Aug 2017 6:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	17.5	11.0	16.4#





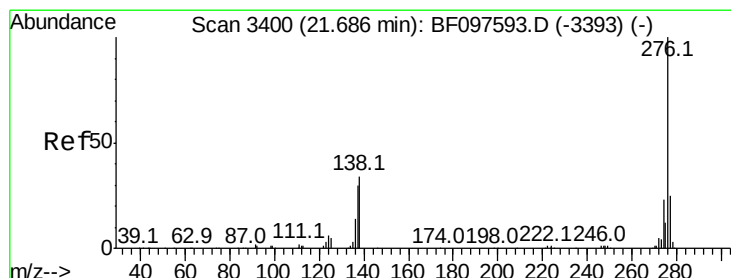
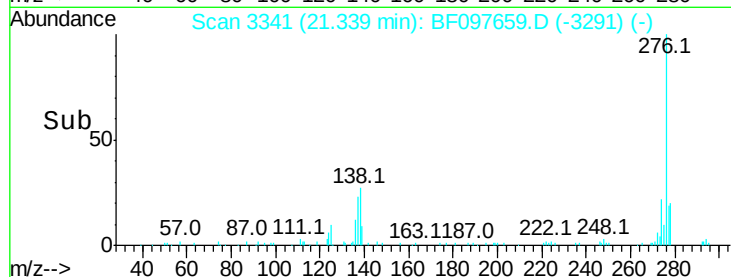
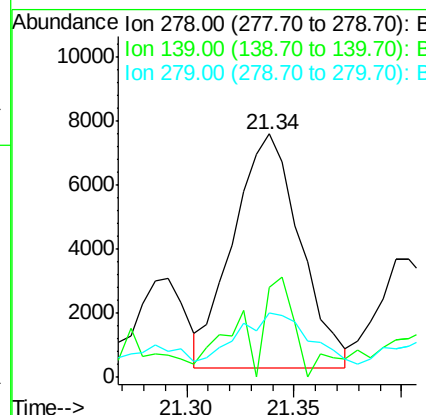
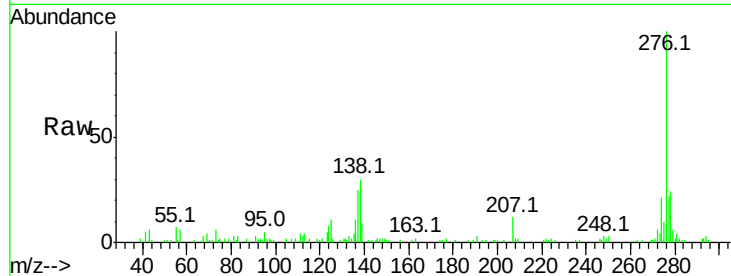
#90
Dibenzo(a,h)anthracene
Concen: 2.136 ng
RT: 21.34 min Scan# 3341
Delta R.T. -0.01 min
Lab File: BF097659.D
Acq: 13 Aug 2017 6:47

Instrument :
BNA_F
ClientSampleId :
E2-F10-ESWDL

Tot Ion	Ratio	Lower	Upper
278	100		
139	37.1	16.6	24.8#
279	26.5	19.3	28.9

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 6.100 ng
RT: 21.69 min Scan# 3401
Delta R.T. 0.01 min
Lab File: BF097659.D
Acq: 13 Aug 2017 6:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.6	28.0
138	36.4	25.4	38.0

