

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103775.D
 Acq On : 20 Mar 2018 00:05
 Operator : JU/SJ
 Sample : J1971-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ES-6-SA-3-EW@4.5

Manual Integrations
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 3/20/2018 6:26:58 PM

Quant Time: Mar 20 02:24:14 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	149317	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	584106	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	243693	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	380575	20.00	ng	0.00
75) Chrysene-d12	14.16	240	307568	20.00	ng	0.00
86) Perylene-d12	15.70	264	246201	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1287114	131.11	ng	0.02
7) Phenol-d6	6.60	99	1594419	132.75	ng	0.01
23) Nitrobenzene-d5	7.54	82	964353	115.13	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	313686	149.71	ng	0.01
44) 2-Fluorobiphenyl	9.33	172	1309751	85.73	ng	0.00
78) Terphenyl-d14	13.09	244	1083351	81.76	ng	0.00
Target Compounds						
10) Phenol	6.61	94	38534	3.019	ng	91
49) Dimethylphthalate	9.72	163	148707	7.998	ng	99
70) Phenanthrene	11.53	178	156926	7.538	ng	97
74) Fluoranthene	12.72	202	226436	10.558	ng	98
77) Pyrene	12.95	202	182732	8.090	ng	99
80) Benzo(a)anthracene	14.14	228	75318	3.869	ng	99
82) Chrysene	14.18	228	80285	4.326	ng	98
87) Benzo(b)fluoranthene	15.23	252	90695m	5.831	ng	
89) Benzo(a)pyrene	15.63	252	48455	3.435	ng	# 98
91) Benzo(g,h,i)perylene	17.74	276	27125	2.282	ng	99

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

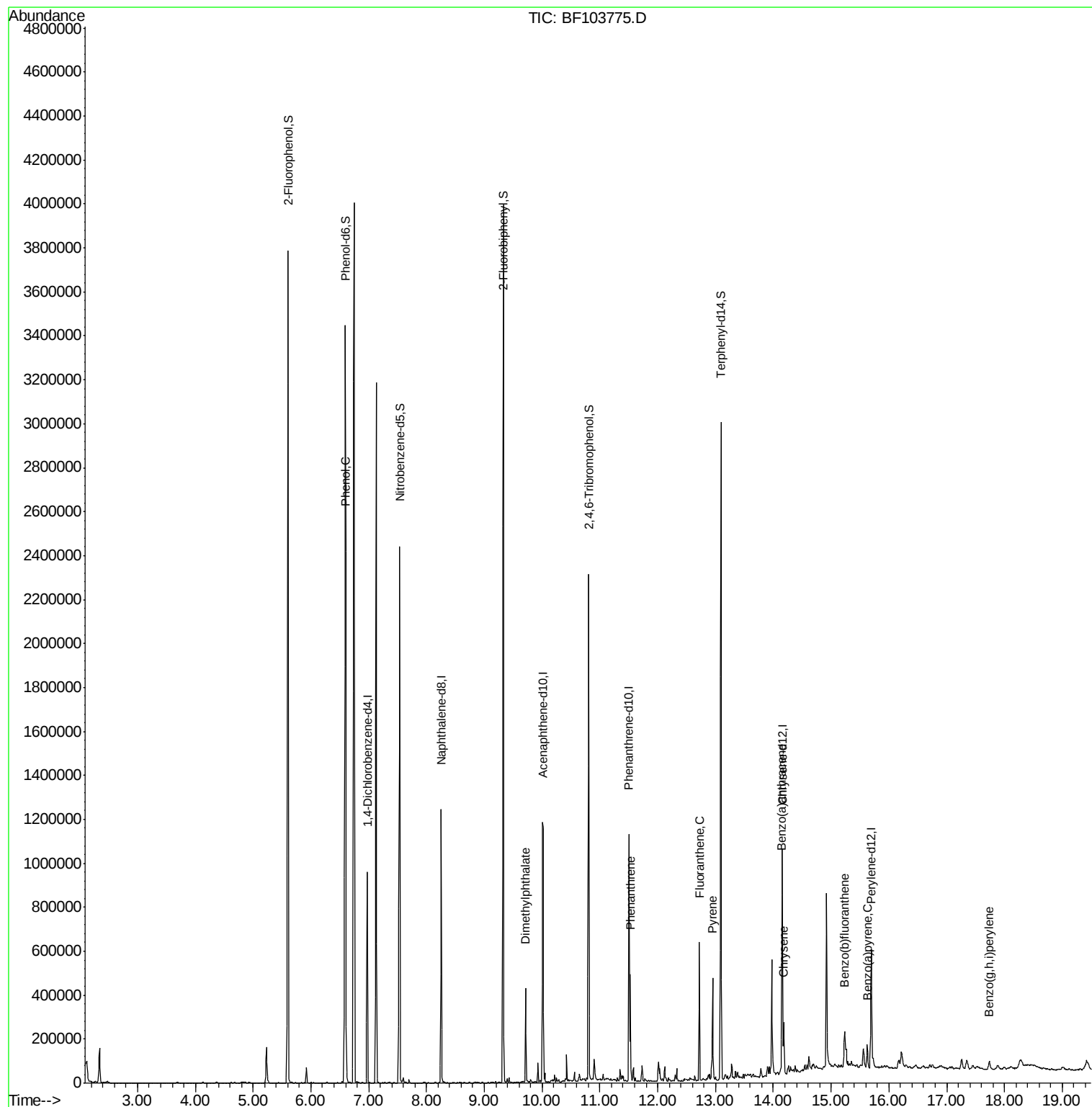
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
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Sample : J1971-06
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ALS Vial : 18 Sample Multiplier: 1

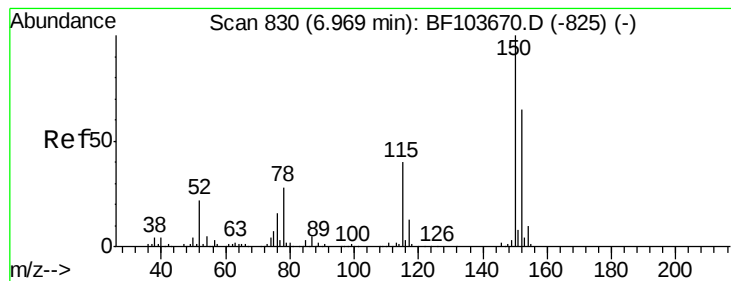
Instrument :
BNA_F
ClientSampleId :
ES-6-SA-3-EW@4.5

Manual Integrations
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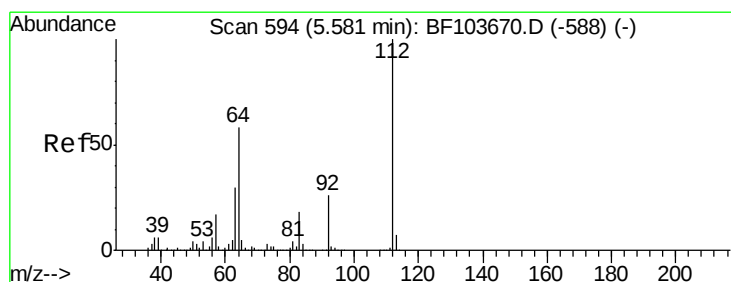
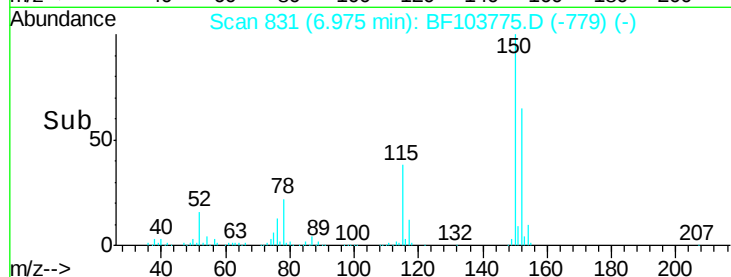
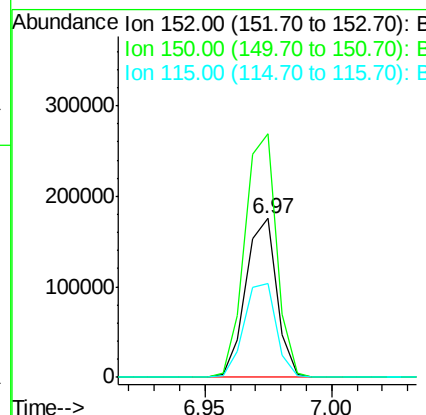
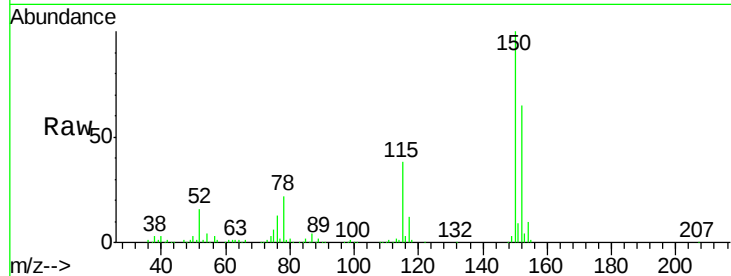
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.01 min
 Lab File: BF103775.D
 Acq: 20 Mar 2018 00:05

Instrument :
 BNA_F
 ClientSampleId :
 ES-6-SA-3-EW@4.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.6	186.8
115	59.0	50.1	75.1

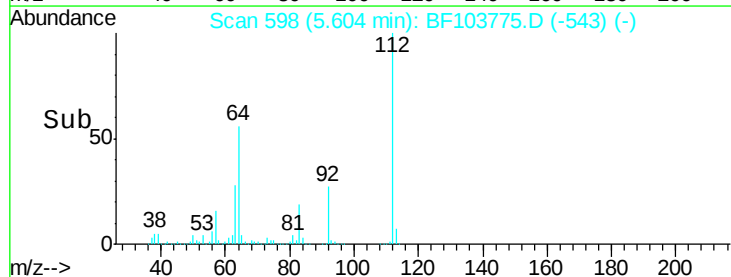
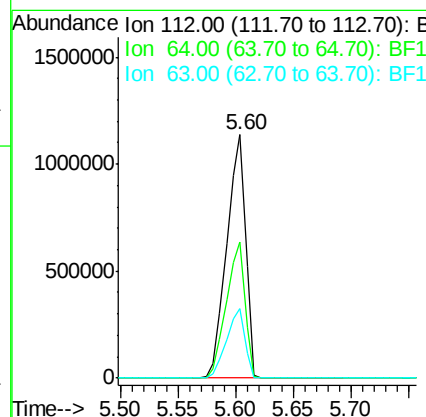
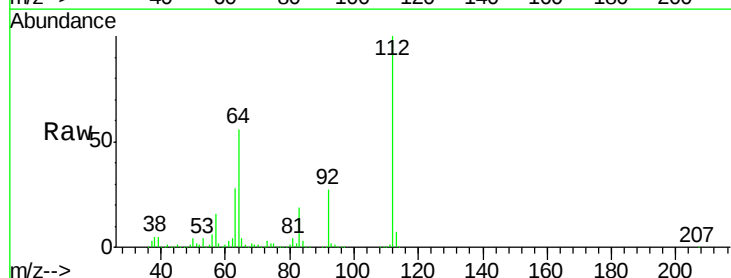
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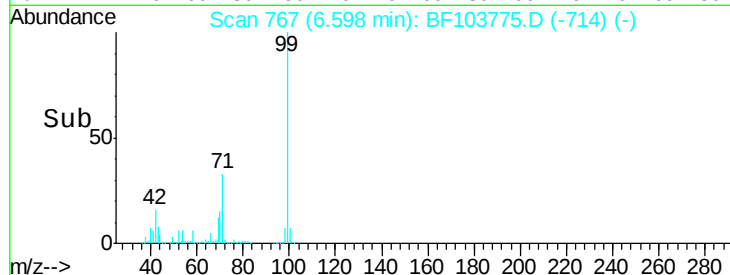
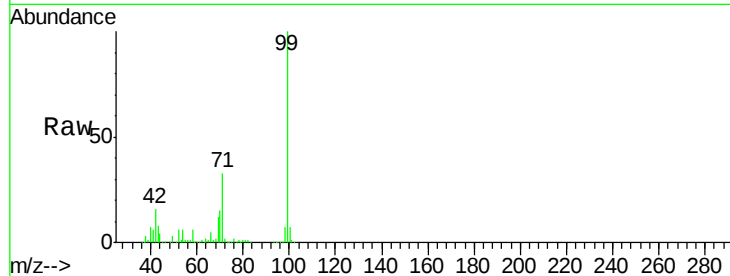
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#5
 2-Fluorophenol
 Concen: 131.110 ng
 RT: 5.60 min Scan# 598
 Delta R.T. 0.02 min
 Lab File: BF103775.D
 Acq: 20 Mar 2018 00:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.8	47.9	71.9
63	28.5	23.7	35.5





#7

Phenol-d6

Concen: 132.752 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103775.D

Acq: 20 Mar 2018 00:05

Tot Ion: 99 Resp: 1594419

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

71 32.6 25.4 38.0

Instrument :

BNA_F

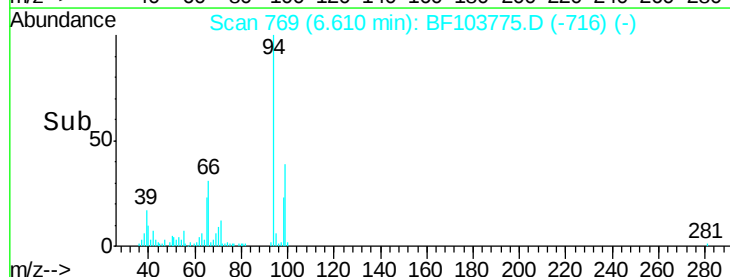
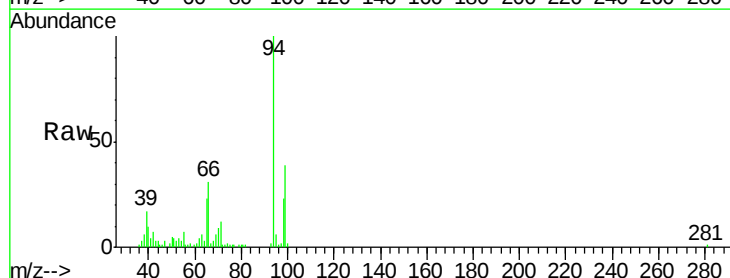
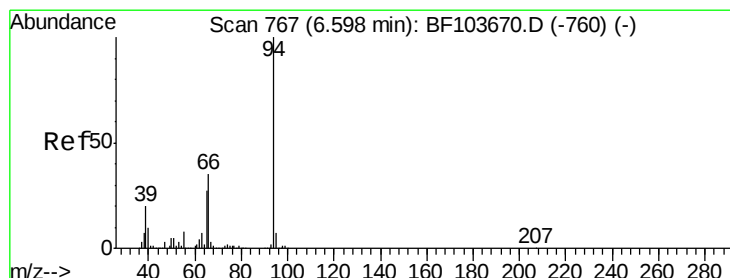
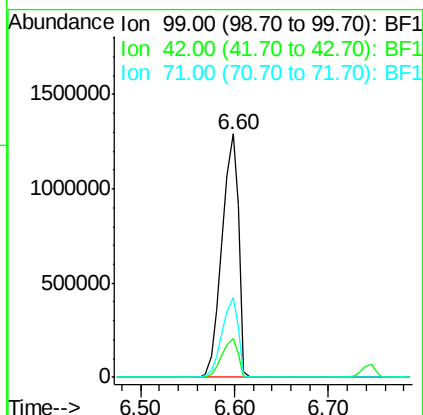
ClientSampleId :

ES-6-SA-3-EW@4.5

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#10

Phenol

Concen: 3.019 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF103775.D

Acq: 20 Mar 2018 00:05

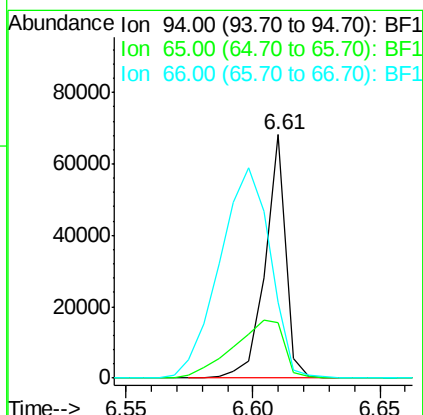
Tgt Ion: 94 Resp: 38534

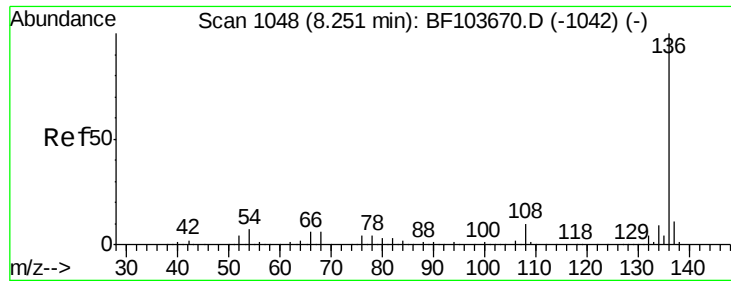
Ion Ratio Lower Upper

94 100

65 22.8 7.9 47.9

66 31.2 16.2 56.2





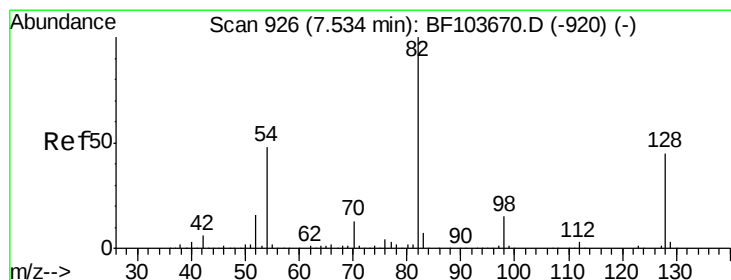
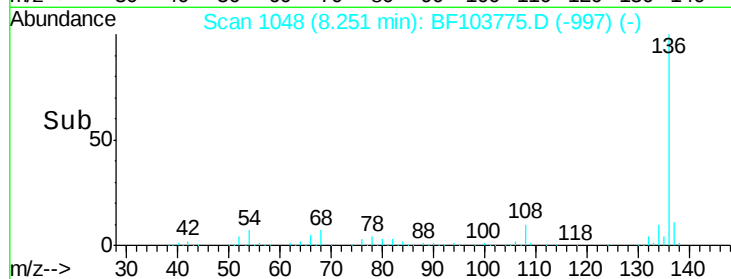
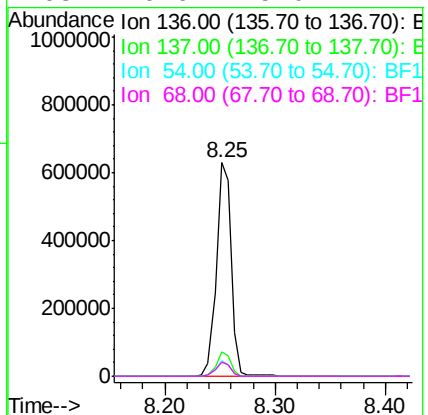
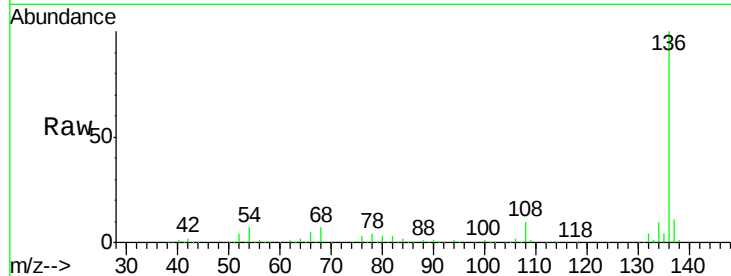
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF103775.D
Acq: 20 Mar 2018 00:05

Instrument :
BNA_F
ClientSampleId :
ES-6-SA-3-EW@4.5

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		584106		
137	11.3		8.9	13.3	
54	7.4		6.6	9.8	
68	6.6		5.0	7.4	

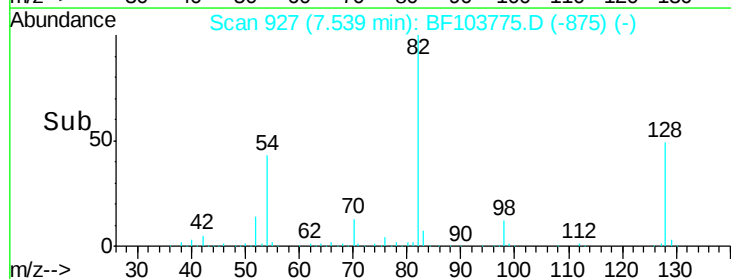
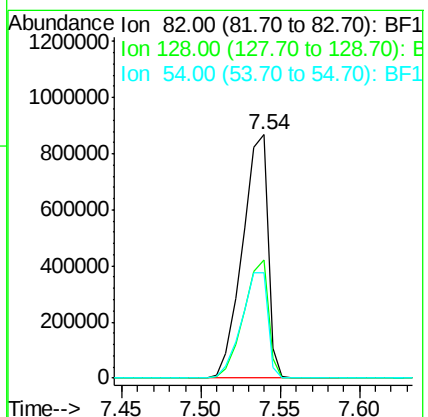
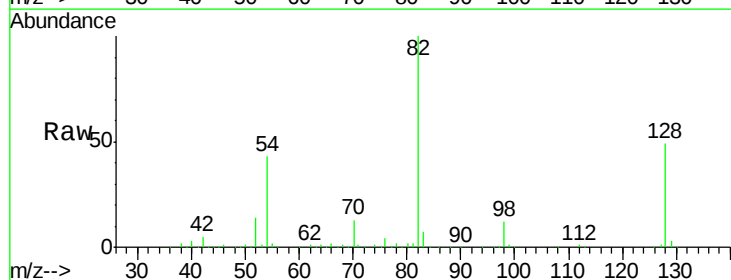
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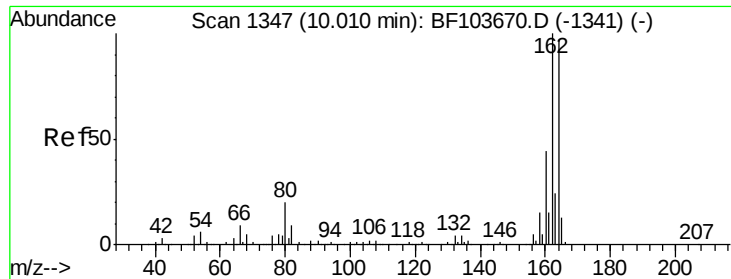
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#23
Nitrobenzene-d5
Concen: 115.133 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.01 min
Lab File: BF103775.D
Acq: 20 Mar 2018 00:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		964353		
128	48.7		36.1	54.1	
54	43.3		41.4	62.2	





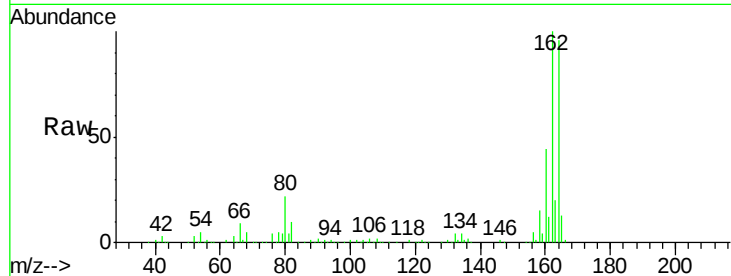
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF103775.D
Acq: 20 Mar 2018 00:05

Instrument :
BNA_F
ClientSampleId :
ES-6-SA-3-EW@4.5

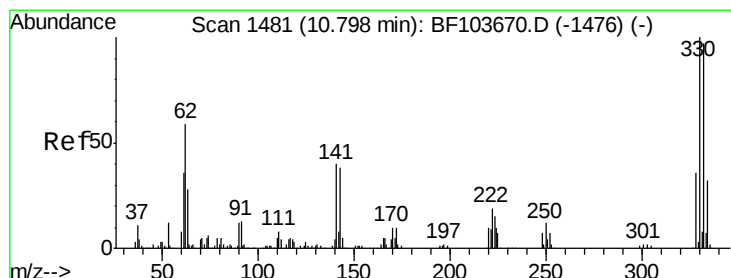
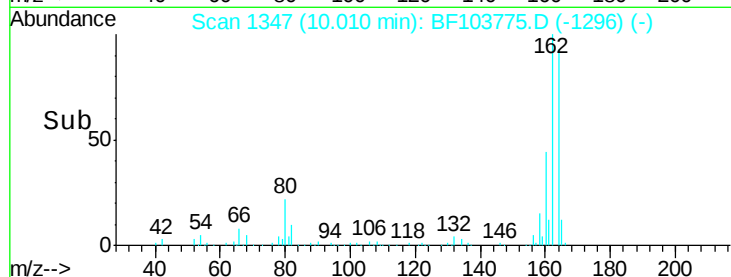
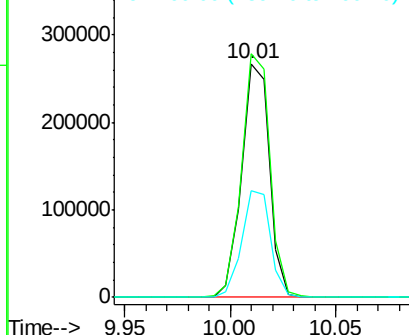
Tot Ion	Ratio	Resp	Lower	Upper
164	100	243693		
162	104.2	86.1	129.1	
160	45.9	38.3	57.5	

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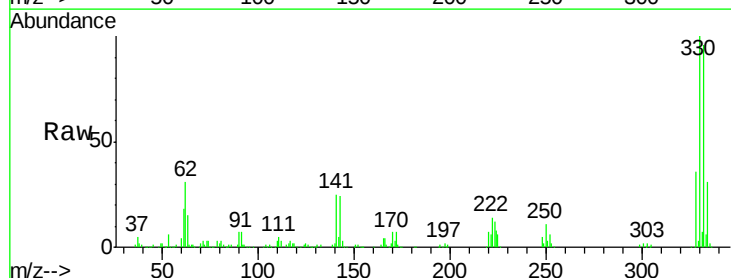


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

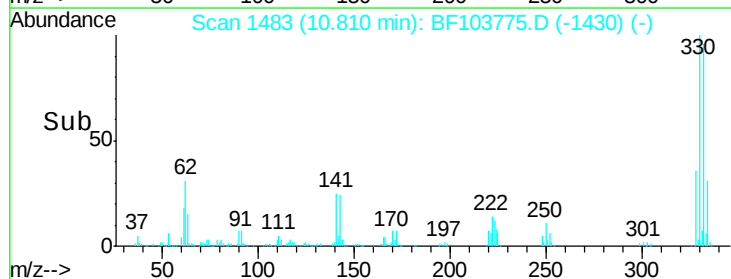
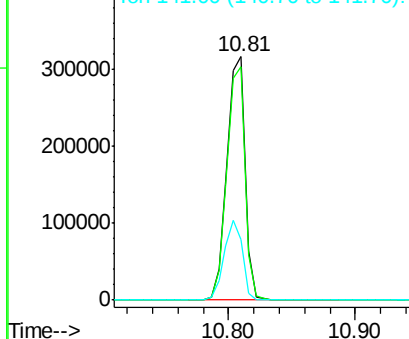


#41
2,4,6-Tribromophenol
Concen: 149.710 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.01 min
Lab File: BF103775.D
Acq: 20 Mar 2018 00:05

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	313686		
332	96.0	77.0	115.6	
141	33.2	29.9	44.9	



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





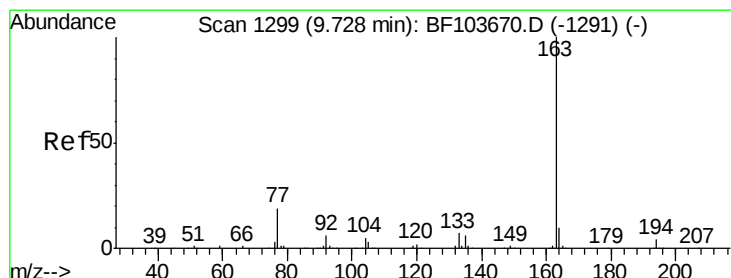
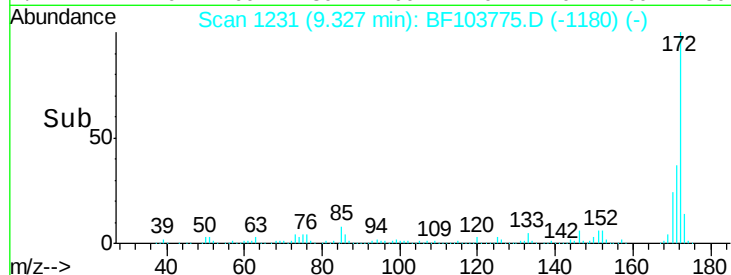
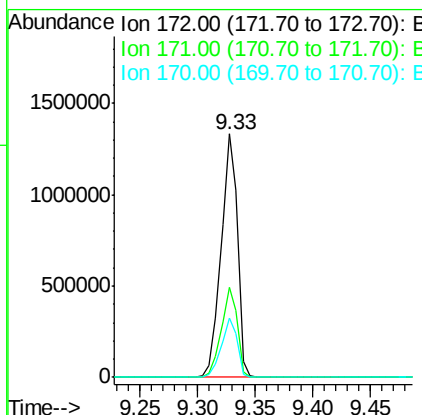
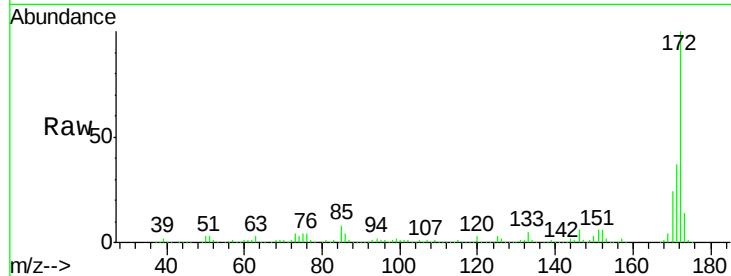
#44
2-Fluorobiphenyl
Concen: 85.733 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF103775.D
Acq: 20 Mar 2018 00:05

Instrument :
BNA_F
ClientSampleId :
ES-6-SA-3-EW@4.5

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.1	19.6	29.4

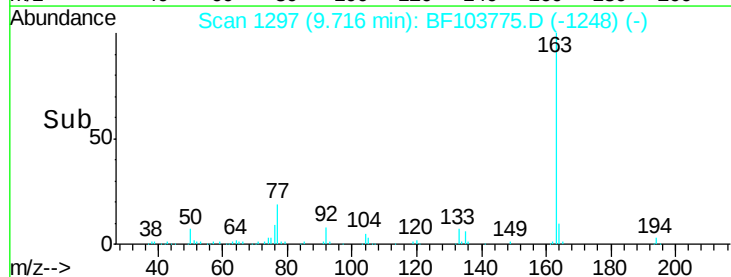
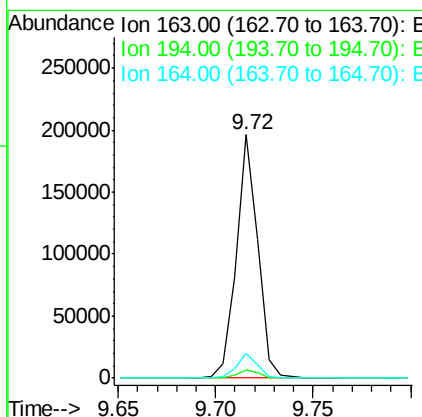
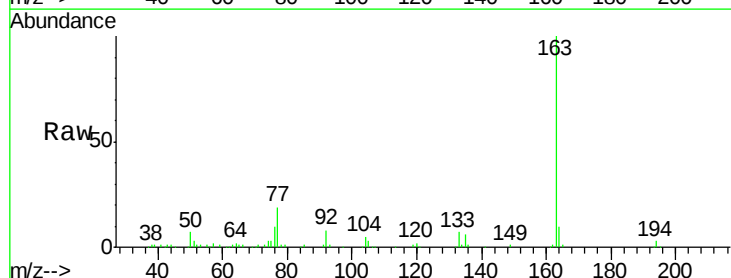
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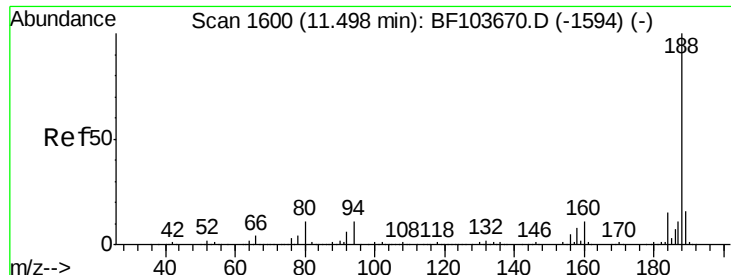
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#49
Dimethylphthalate
Concen: 7.998 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF103775.D
Acq: 20 Mar 2018 00:05

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	10.0	8.2	12.2





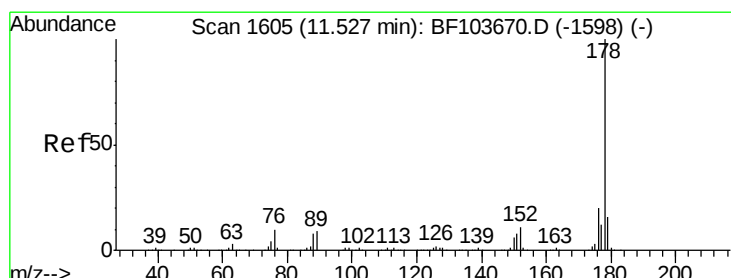
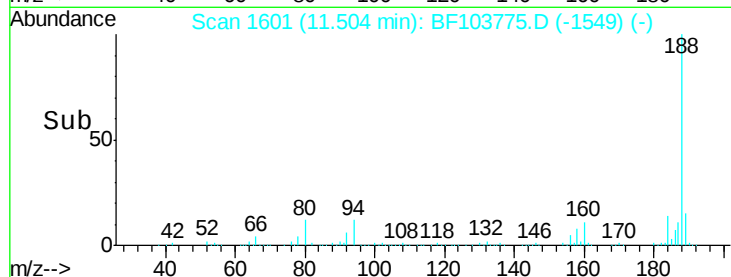
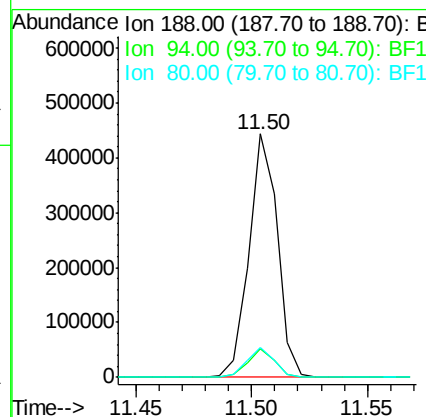
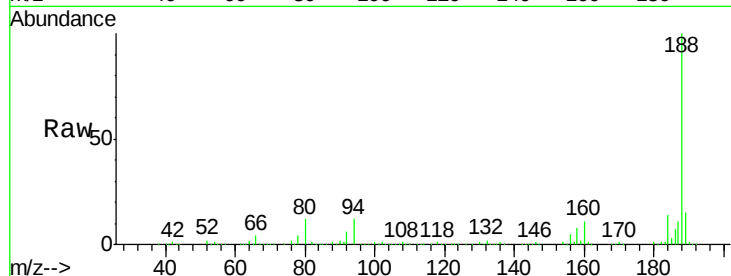
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103775.D
Acq: 20 Mar 2018 00:05

Instrument :
BNA_F
ClientSampleId :
ES-6-SA-3-EW@4.5

Tot Ion	Ratio	Resp	Lower	Upper
188	100	380575		
94	11.5		8.5	12.7
80	12.4		9.2	13.8

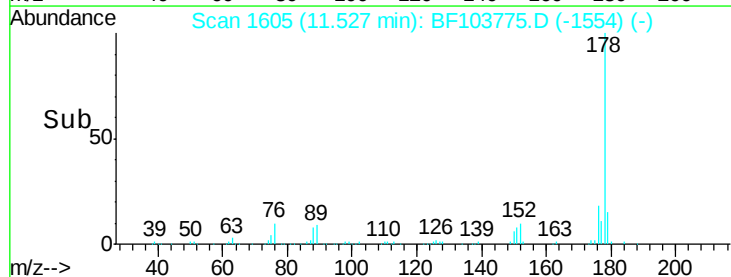
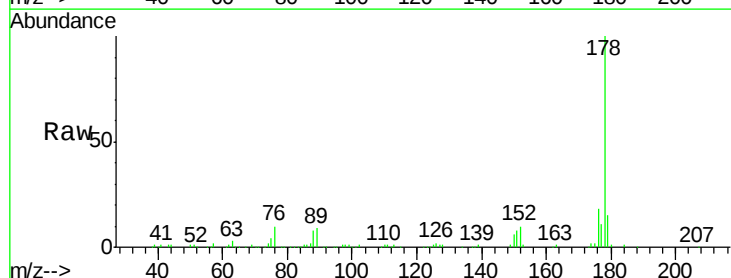
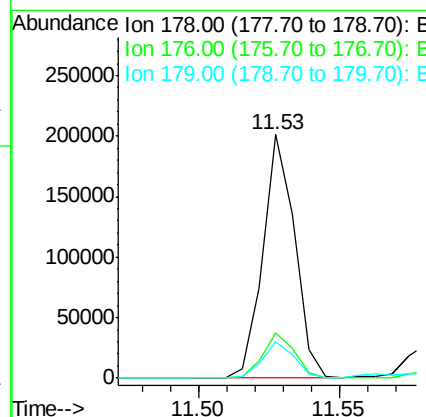
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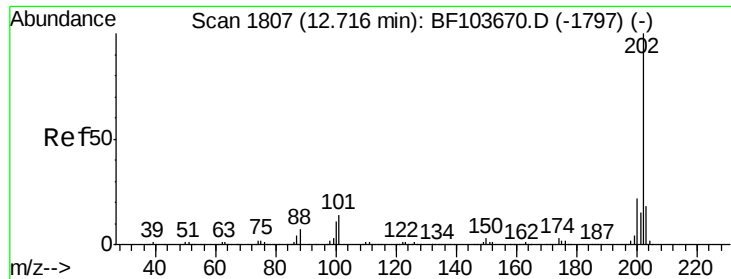
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#70
Phenanthrene
Concen: 7.538 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.00 min
Lab File: BF103775.D
Acq: 20 Mar 2018 00:05

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	156926		
176	18.4		15.8	23.8
179	14.9		13.0	19.6





#74

Fluoranthene

Concen: 10.558 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.01 min

Lab File: BF103775.D

Acq: 20 Mar 2018 00:05

Instrument :

BNA_F

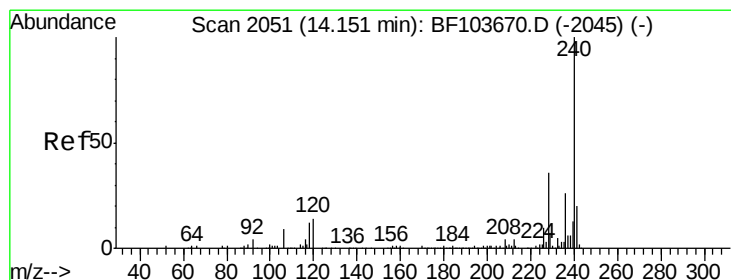
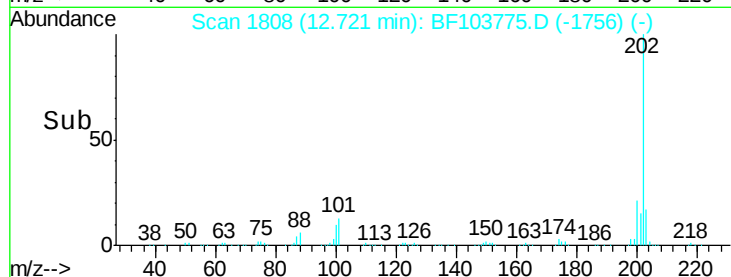
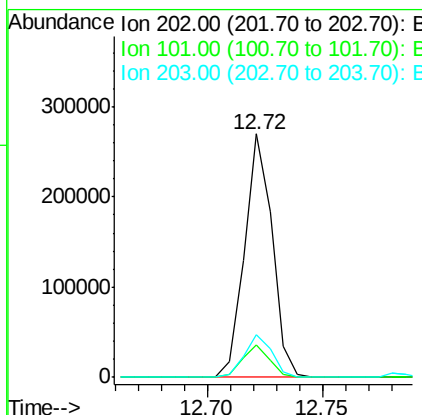
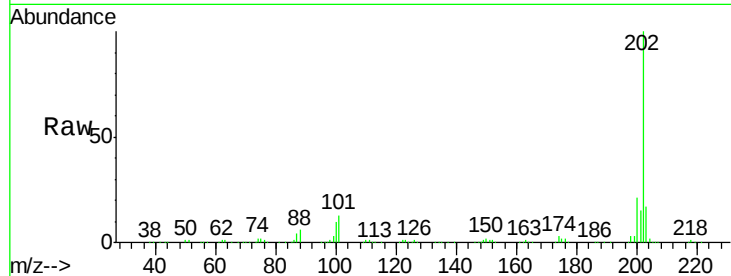
ClientSampleId :

ES-6-SA-3-EW@4.5

Tot Ion:	202	Resp:	226436
Ion Ratio	Lower	Upper	
202	100		
101	13.4	0.0	34.1
203	17.4	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

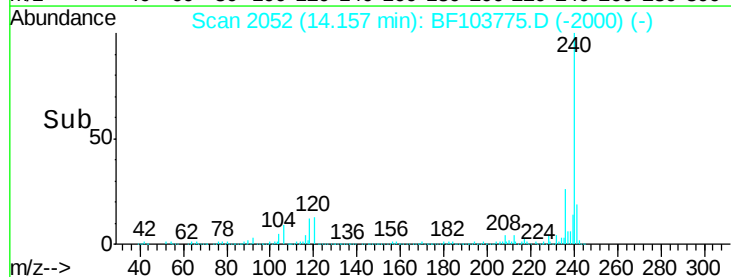
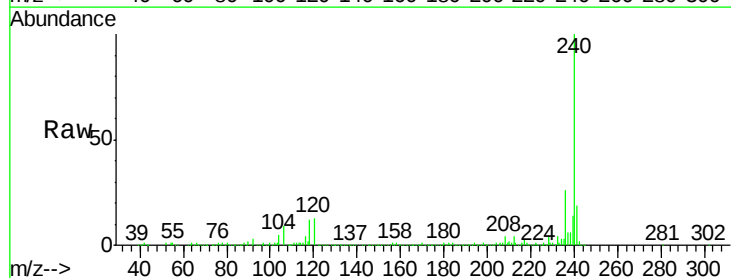
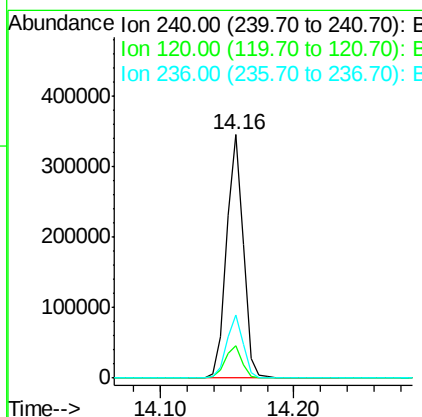
RT: 14.16 min Scan# 2052

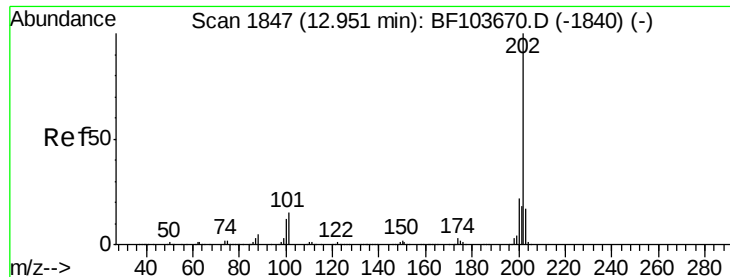
Delta R.T. 0.01 min

Lab File: BF103775.D

Acq: 20 Mar 2018 00:05

Tgt Ion:	240	Resp:	307568
Ion Ratio	Lower	Upper	
240	100		
120	13.3	9.5	14.3
236	25.9	20.7	31.1





#77

Pvrene

Concen: 8.090 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.00 min

Lab File: BF103775.D

Acq: 20 Mar 2018 00:05

Instrument :

BNA_F

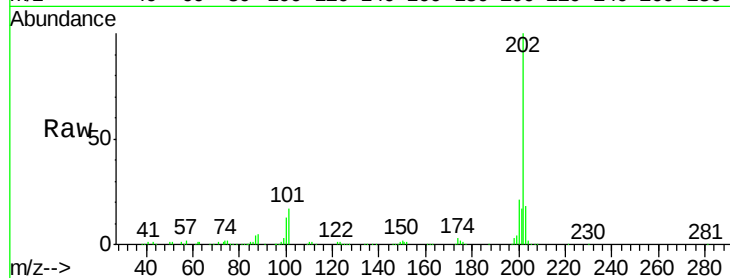
ClientSampleId :

ES-6-SA-3-EW@4.5

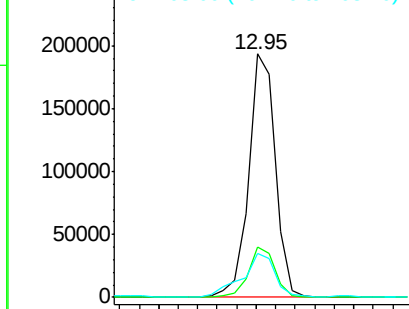
Tot Ion:	202	Resp:	182732
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.4	26.2
203	17.9	14.3	21.5

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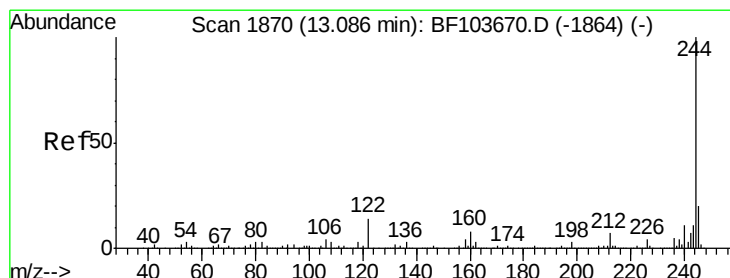
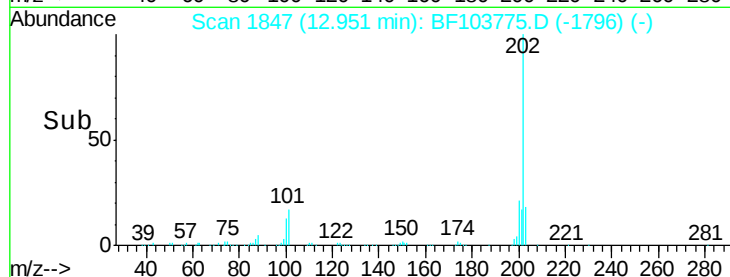
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 81.758 ng

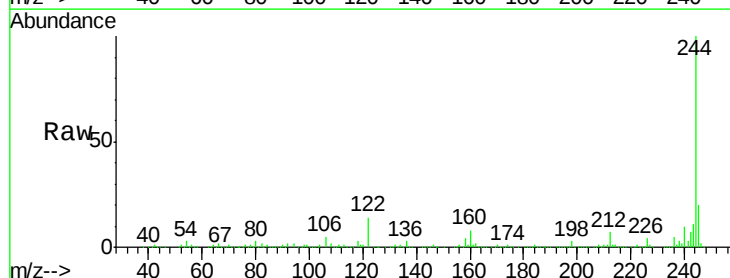
RT: 13.09 min Scan# 1871

Delta R.T. 0.01 min

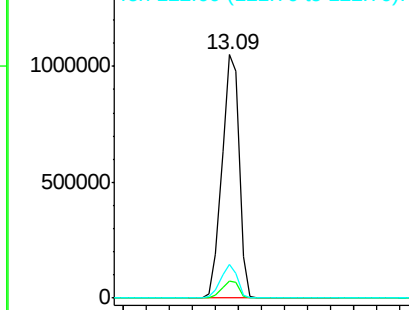
Lab File: BF103775.D

Acq: 20 Mar 2018 00:05

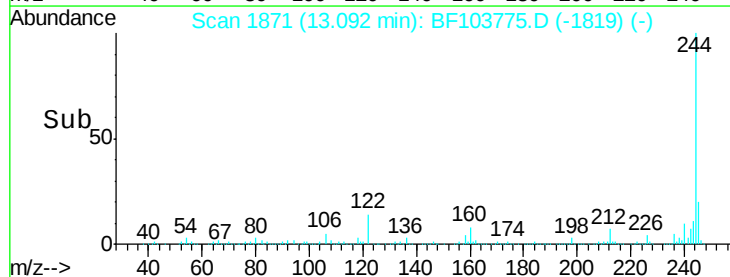
Tgt Ion:	244	Resp:	1083351
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.4	8.0
122	13.8	11.0	16.4

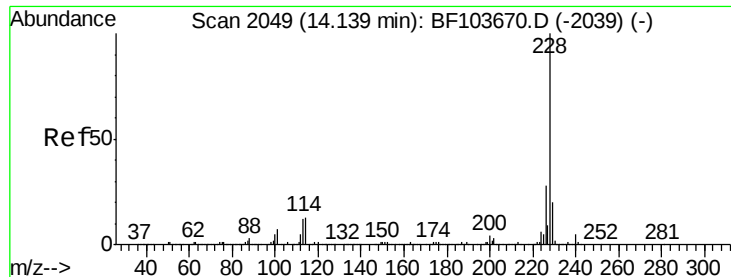


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





#80

Benzo(a)anthracene

Concen: 3.869 ng

RT: 14.14 min Scan# 2050

Delta R.T. 0.01 min

Lab File: BF103775.D

Acq: 20 Mar 2018 00:05

Instrument :

BNA_F

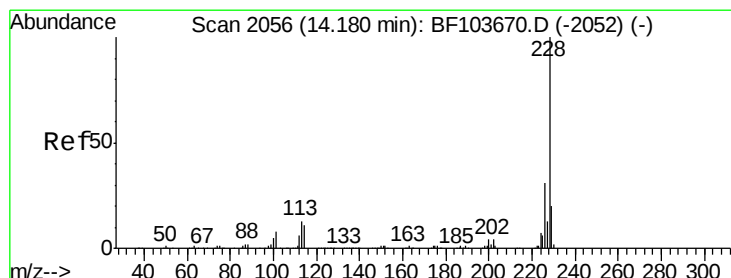
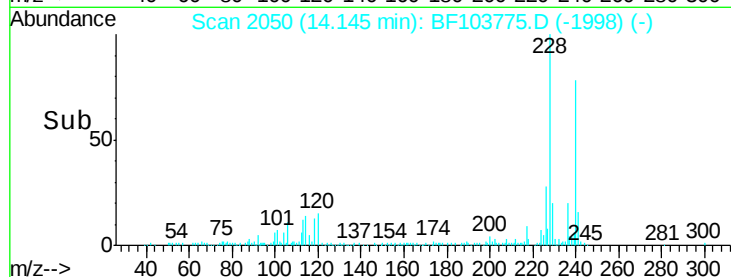
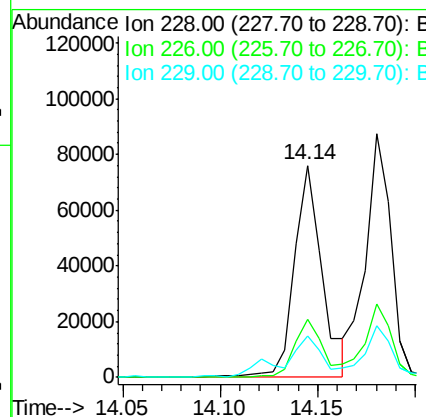
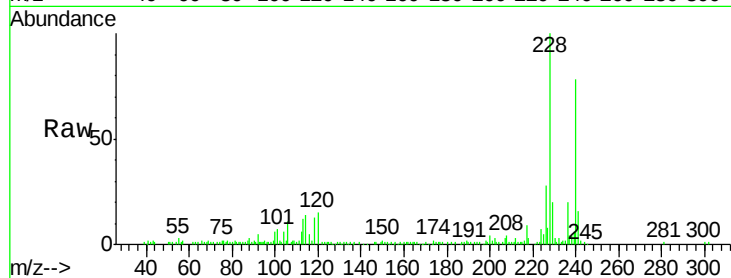
ClientSampleId :

ES-6-SA-3-EW@4.5

Tot Ion:	228	Resp:	75318
Ion Ratio	Lower	Upper	
228	100		
226	27.5	22.6	33.8
229	19.7	15.8	23.6

Manual Integrations
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#82

Chrysene

Concen: 4.326 ng

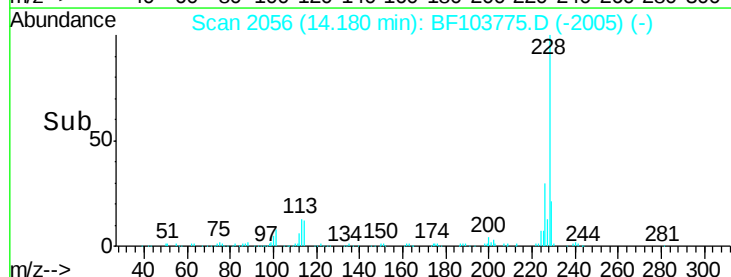
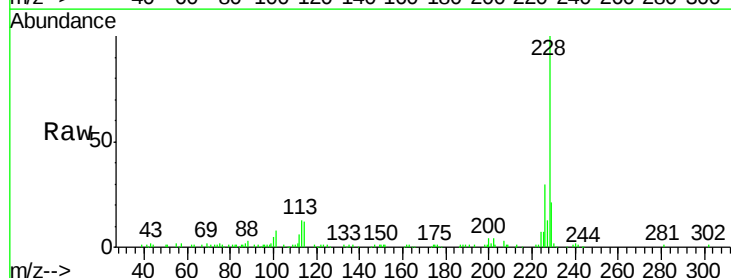
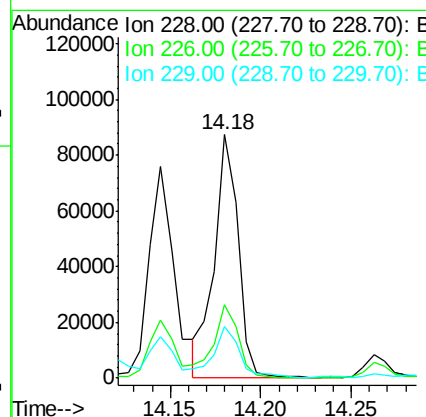
RT: 14.18 min Scan# 2056

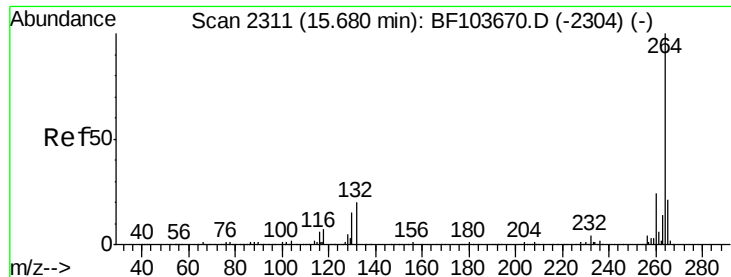
Delta R.T. -0.00 min

Lab File: BF103775.D

Acq: 20 Mar 2018 00:05

Tgt Ion:	228	Resp:	80285
Ion Ratio	Lower	Upper	
228	100		
226	30.1	25.0	37.6
229	21.3	16.2	24.4





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.70 min Scan# 2314

Delta R.T. 0.02 min

Lab File: BF103775.D

Acq: 20 Mar 2018 00:05

Instrument :

BNA_F

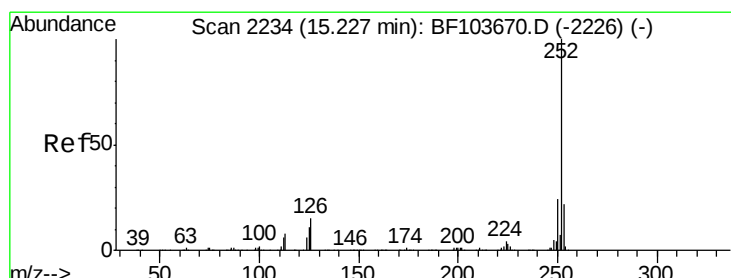
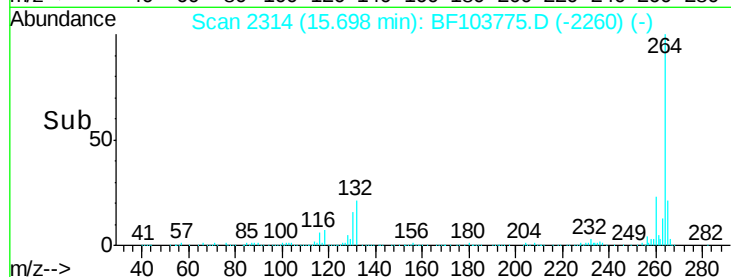
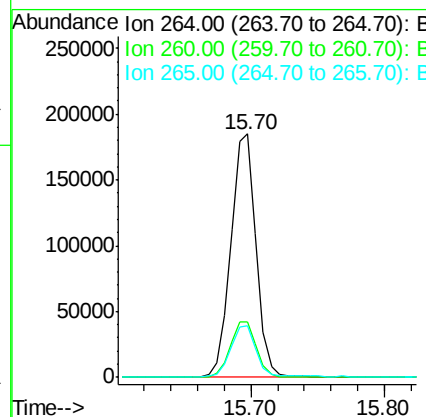
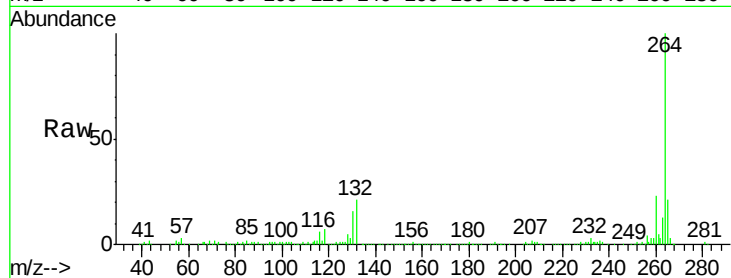
ClientSampleId :

ES-6-SA-3-EW@4.5

Tot Ion:	264	Resp:	246201
Ion Ratio	Lower	Upper	
264	100		
260	22.9	19.2	28.8
265	21.4	17.5	26.3

Manual Integrations
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#87

Benzo(b)fluoranthene

Concen: 5.831 ng m

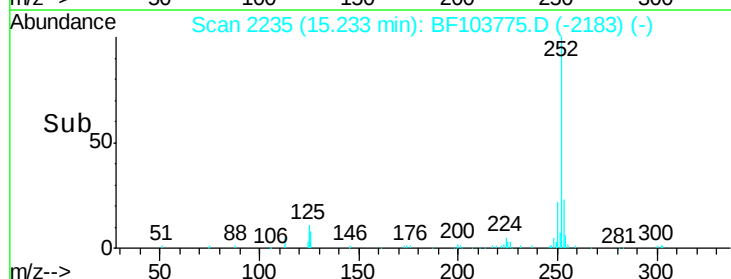
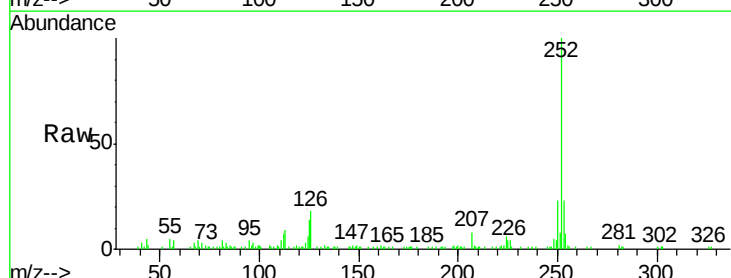
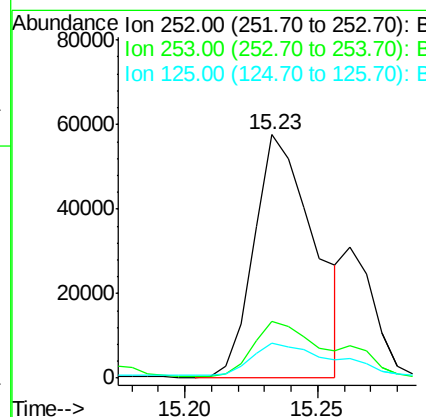
RT: 15.23 min Scan# 2235

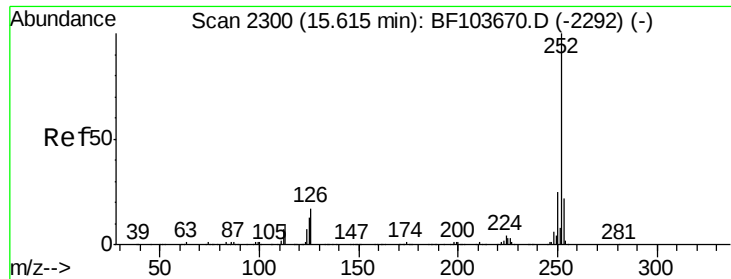
Delta R.T. 0.01 min

Lab File: BF103775.D

Acq: 20 Mar 2018 00:05

Tgt Ion:	252	Resp:	90695
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.0	25.6
125	14.4	9.0	13.6#





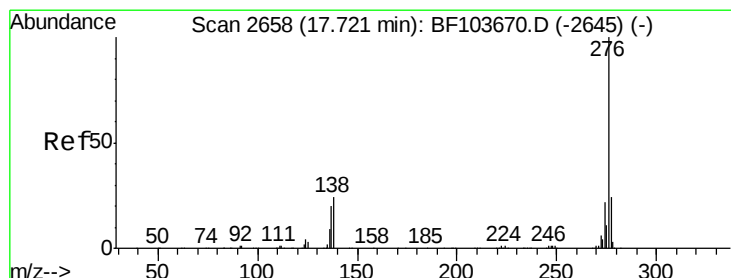
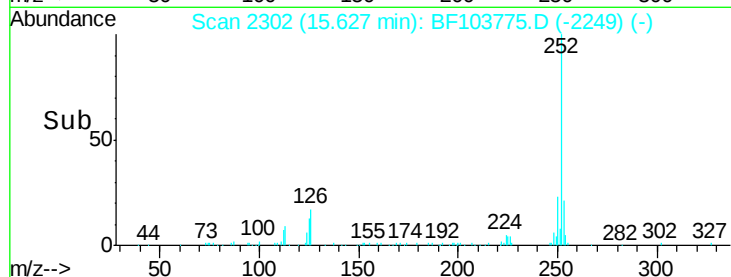
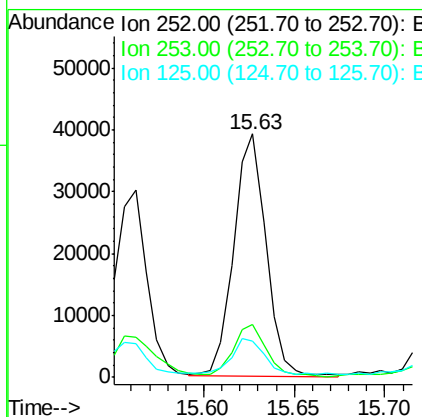
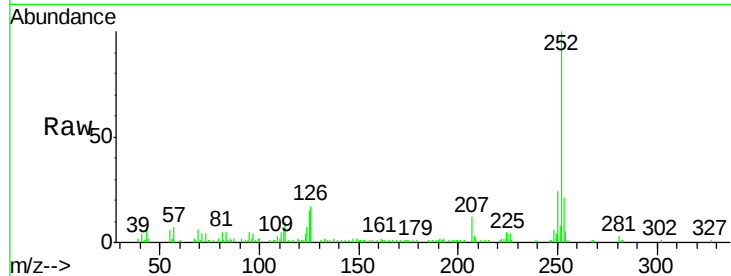
#89
Benzo(a)pyrene
Concen: 3.435 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.01 min
Lab File: BF103775.D
Acq: 20 Mar 2018 00:05

Instrument :
BNA_F
ClientSampleId :
ES-6-SA-3-EW@4.5

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.1	25.7
125	14.7	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.282 ng
RT: 17.74 min Scan# 2661
Delta R.T. 0.02 min
Lab File: BF103775.D
Acq: 20 Mar 2018 00:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.4	17.9	26.9
138	28.0	21.8	32.8

