

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
 Data File : BF102993.D
 Acq On : 14 Feb 2018 16:57
 Operator : SJ/JU
 Sample : J1539-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 12-ST-LATERAL-LINE-2-SW@5

Manual Integrations
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 2/15/2018 11:06:21 AM

Quant Time: Feb 15 00:19:33 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 00:38:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	161200	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	642637	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	242191	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	318716	20.00	ng	0.00
75) Chrysene-d12	14.04	240	289483	20.00	ng	0.00
86) Perylene-d12	15.52	264	266275	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1082440	101.98	ng	0.01
7) Phenol-d6	6.50	99	1289257	100.88	ng	0.00
23) Nitrobenzene-d5	7.44	82	800164	86.38	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	169927	87.17	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1146497	78.55	ng	0.00
78) Terphenyl-d14	12.99	244	743062	60.78	ng	0.00
Target Compounds						
10) Phenol	6.52	94	36751	2.683	ng	91
49) Dimethylphthalate	9.62	163	84571	4.478	ng	100
70) Phenanthrene	11.43	178	300778	16.945	ng	98
71) Anthracene	11.47	178	81638	4.522	ng	99
74) Fluoranthene	12.62	202	445685	24.956	ng	99
77) Pyrene	12.84	202	390963	17.223	ng	100
80) Benzo(a)anthracene	14.03	228	224411	12.326	ng	99
82) Chrysene	14.07	228	203825	11.106	ng	97
85) Indeno(1,2,3-cd)pyrene	17.01	276	81174	5.333	ng	99
87) Benzo(b)fluoranthene	15.09	252	255601m	14.806	ng	
88) Benzo(k)fluoranthene	15.11	252	82617m	5.009	ng	
89) Benzo(a)pyrene	15.46	252	166998	10.747	ng	# 93
91) Benzo(a,h,i)perylene	17.47	276	73444	5.949	ng	99

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

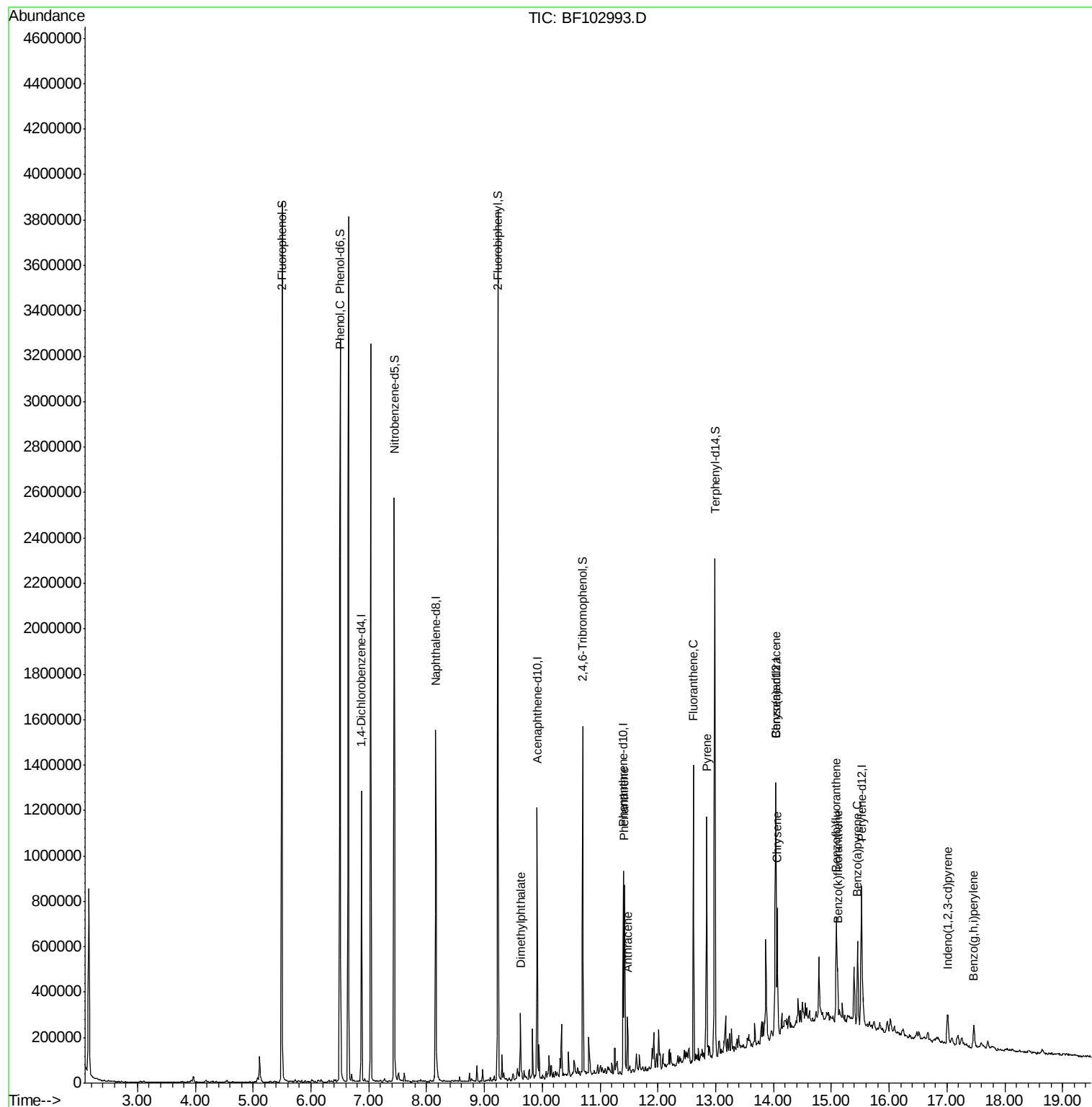
Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
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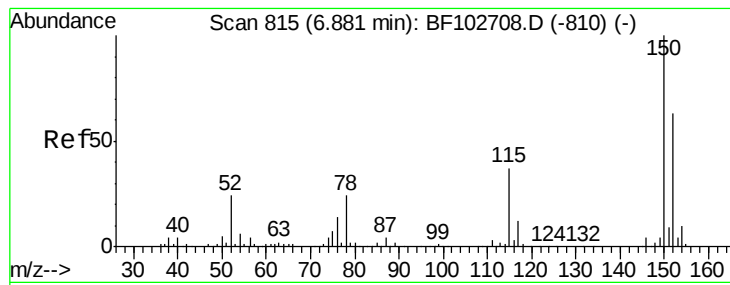
Instrument :
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12-ST-LATERAL-LINE-2-SW@5

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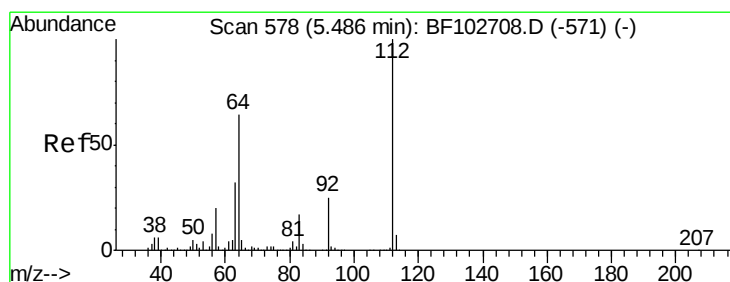
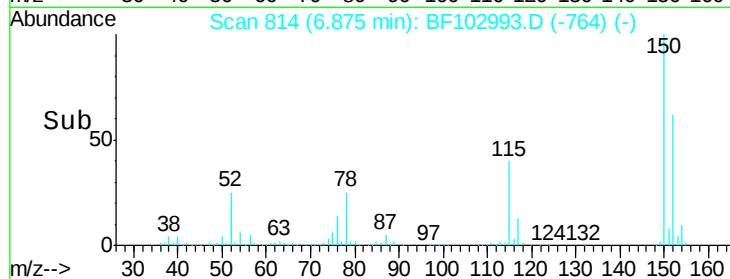
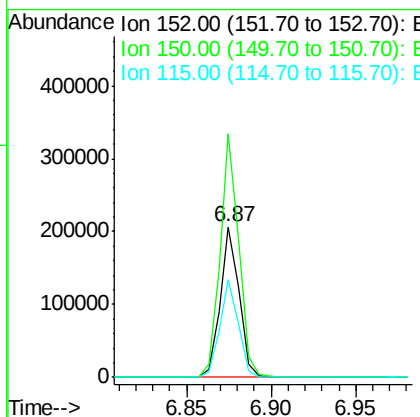
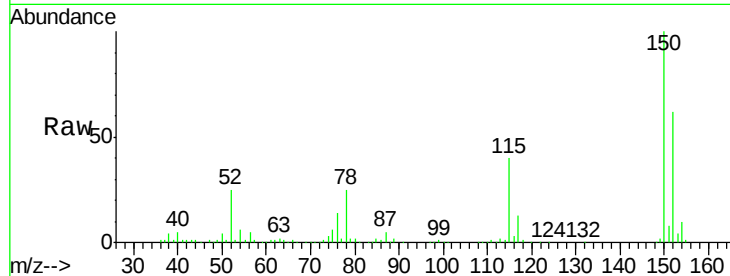
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF102993.D
 Acq: 14 Feb 2018 16:57

Instrument :
 BNA_F
 ClientSampleId :
 12-ST-LATERAL-LINE-2-SW@5

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.1	124.6	186.8
115	65.1	50.1	75.1

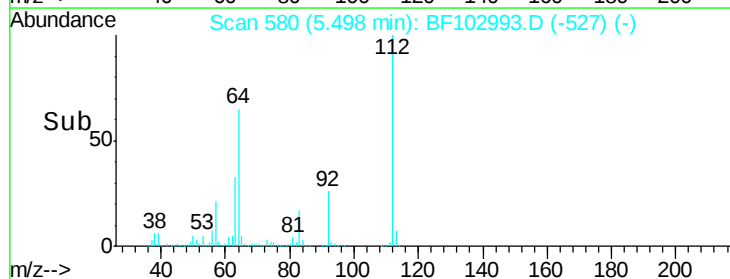
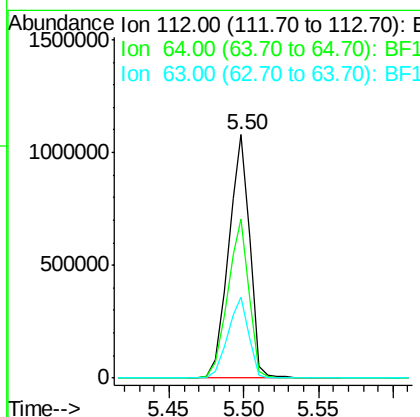
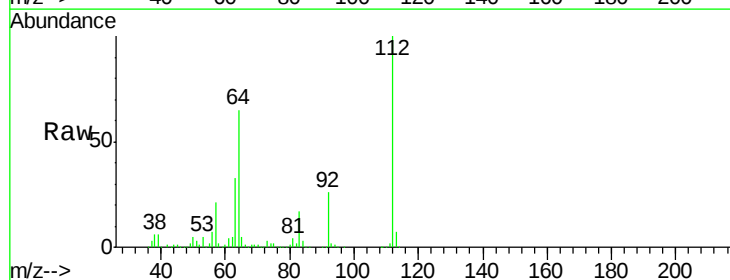
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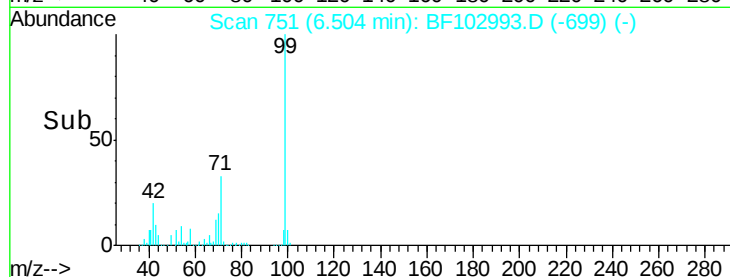
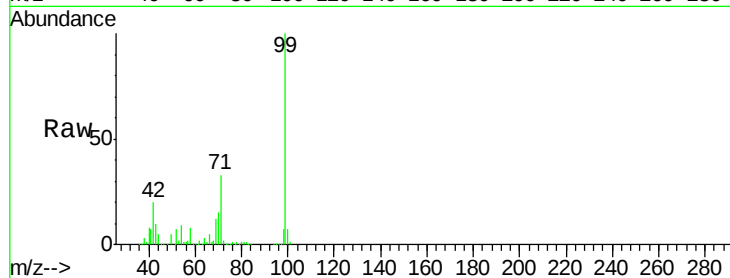
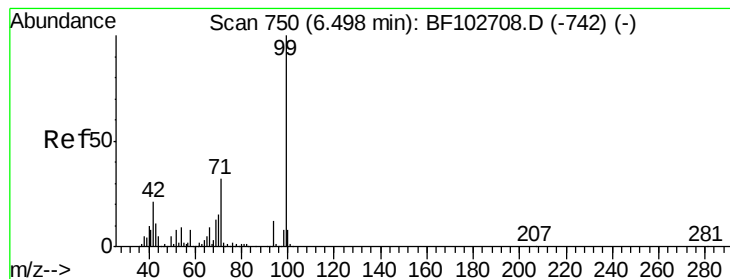
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#5
 2-Fluorophenol
 Concen: 101.977 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.01 min
 Lab File: BF102993.D
 Acq: 14 Feb 2018 16:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.3	47.9	71.9
63	33.1	23.7	35.5





#7

Phenol-d6

Concen: 100.876 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF102993.D

Acq: 14 Feb 2018 16:57

Tot Ion:	99	Resp:	1289257
Ion	Ratio	Lower	Upper
99	100		
42	20.0	14.5	21.7
71	33.2	25.4	38.0

Instrument :

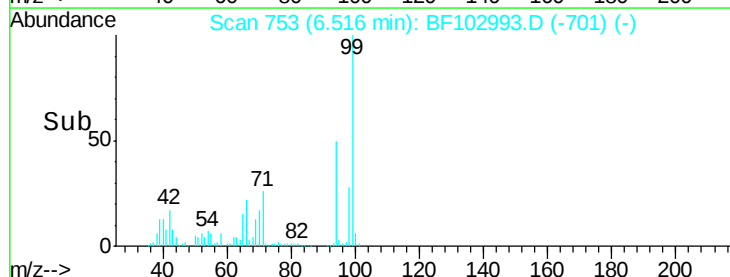
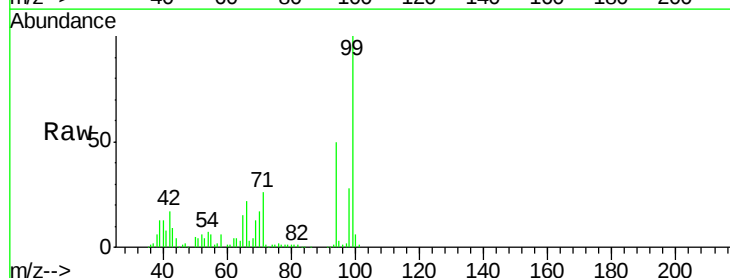
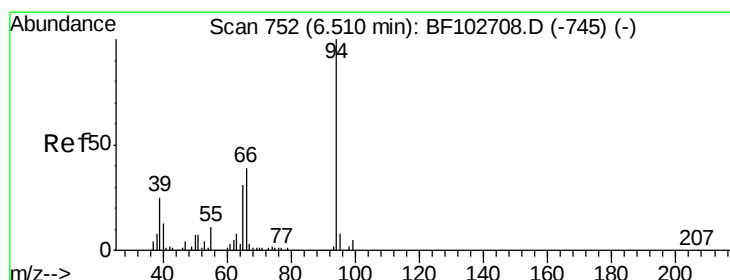
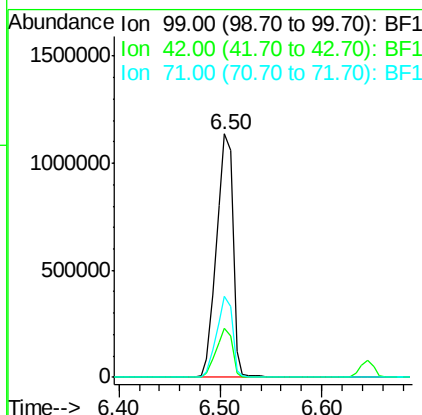
BNA_F

ClientSampleId :

12-ST-LATERAL-LINE-2-SW@5

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#10

Phenol

Concen: 2.683 ng

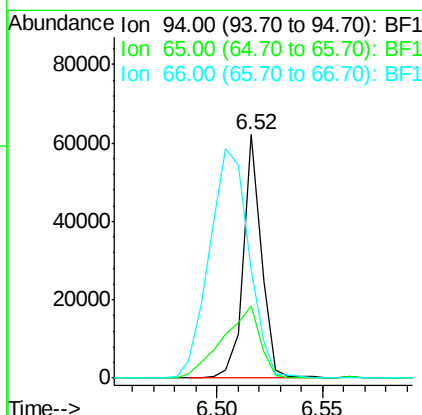
RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102993.D

Acq: 14 Feb 2018 16:57

Tgt Ion:	94	Resp:	36751
Ion	Ratio	Lower	Upper
94	100		
65	29.4	7.9	47.9
66	44.3	16.2	56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF102993.D

Acq: 14 Feb 2018 16:57

Instrument :

BNA_F

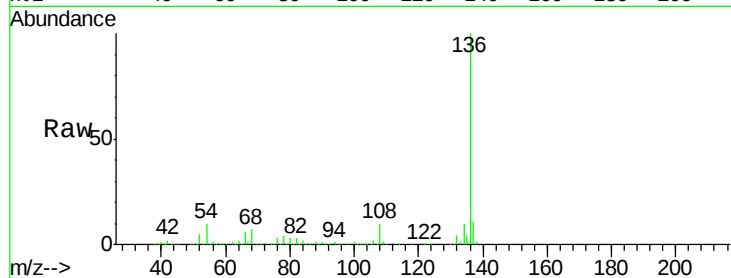
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12-ST-LATERAL-LINE-2-SW@5

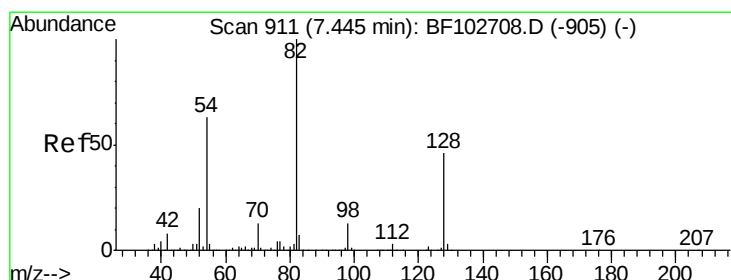
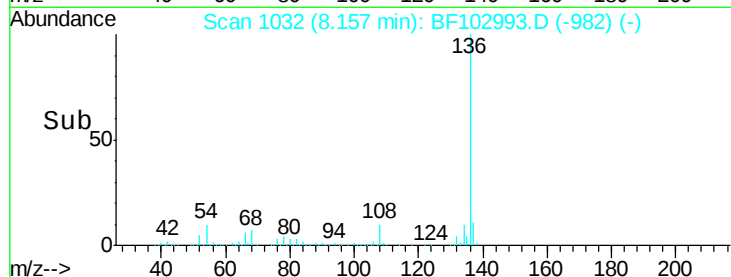
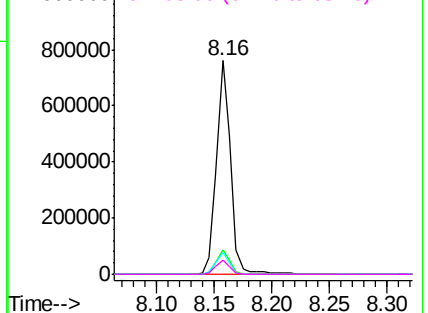
Tot Ion	Ratio	Resp	Lower	Upper
136	100	642637		
137	11.1	8.9	13.3	
54	10.0	6.6	9.8	
68	6.8	5.0	7.4	

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Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 86.375 ng

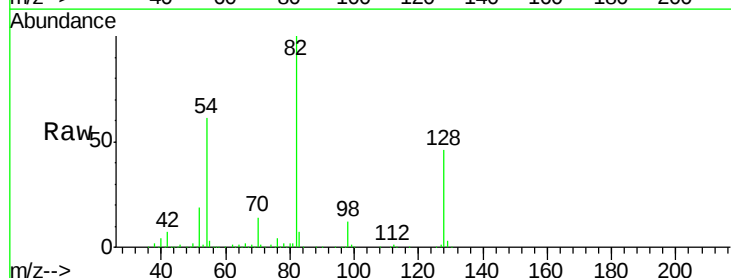
RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

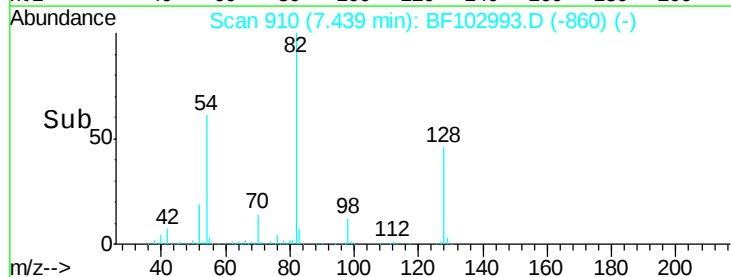
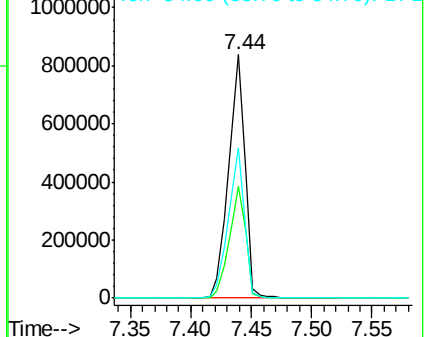
Lab File: BF102993.D

Acq: 14 Feb 2018 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	800164		
128	46.1	36.1	54.1	
54	61.4	41.4	62.2	



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





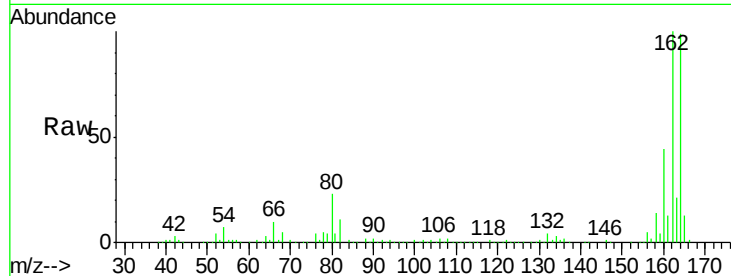
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF102993.D
Acq: 14 Feb 2018 16:57

Instrument :
BNA_F
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12-ST-LATERAL-LINE-2-SW@5

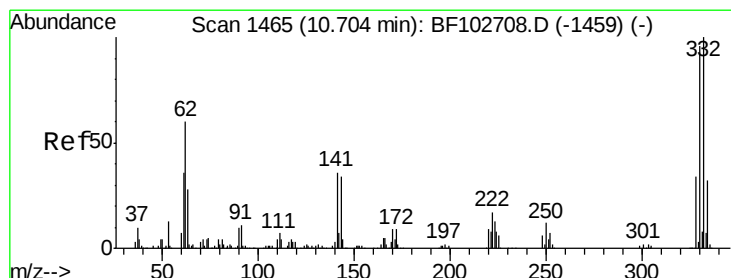
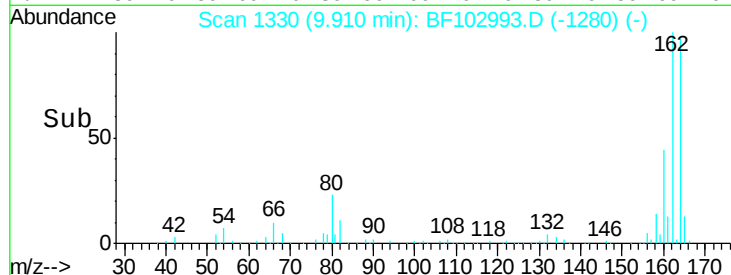
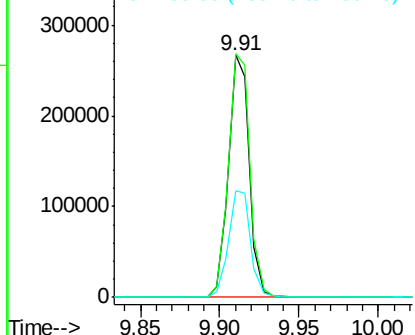
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.7	86.1	129.1	
160	44.2	38.3	57.5	

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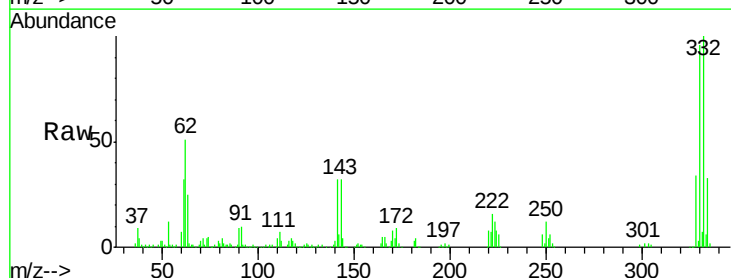


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

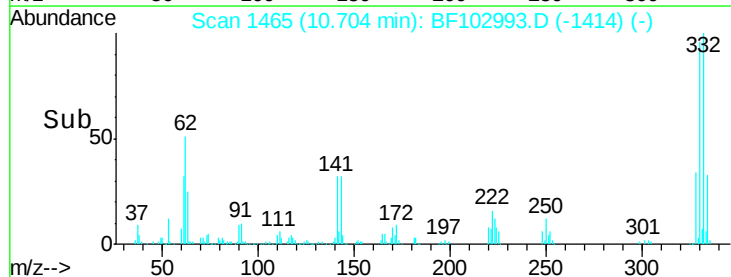
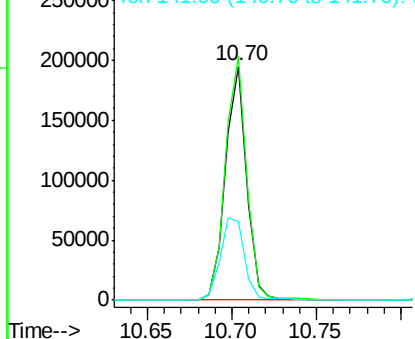


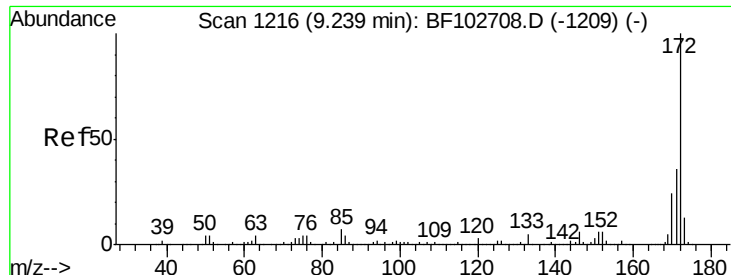
#41
2,4,6-Tribromophenol
Concen: 87.171 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.00 min
Lab File: BF102993.D
Acq: 14 Feb 2018 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	105.4	77.0	115.6	
141	40.1	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





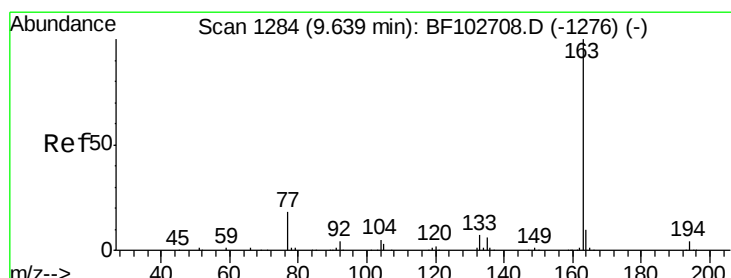
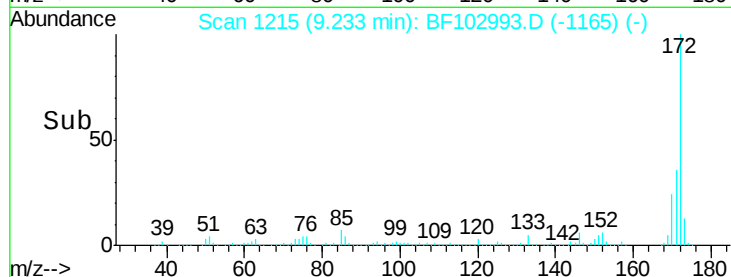
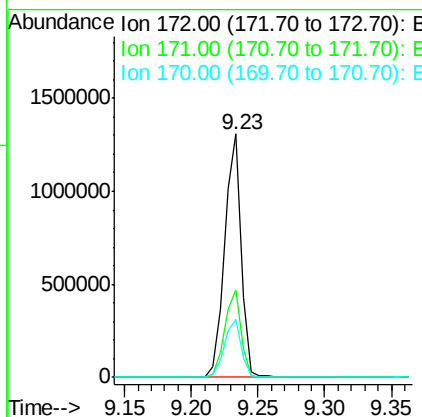
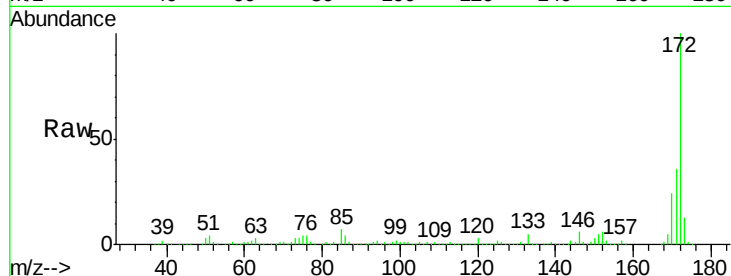
#44
2-Fluorobiphenyl
Concen: 78.551 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF102993.D
Acq: 14 Feb 2018 16:57

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BNA_F
ClientSampleId :
12-ST-LATERAL-LINE-2-SW@5

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.6	19.6	29.4

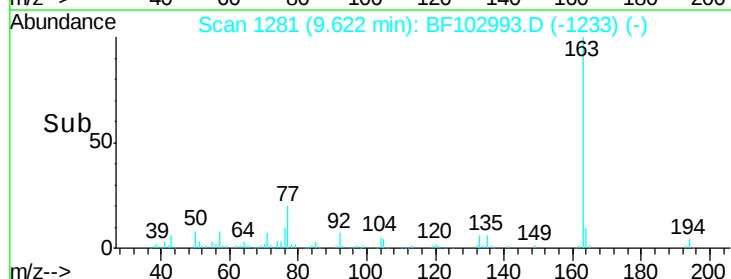
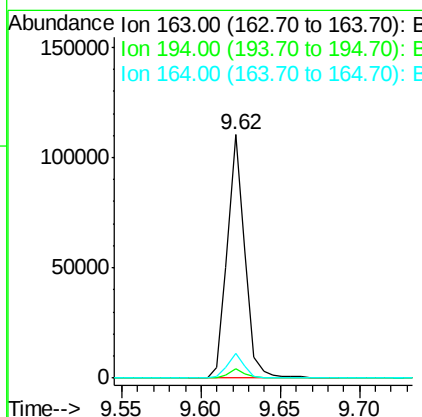
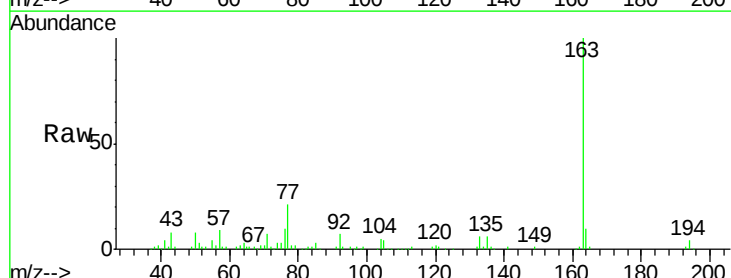
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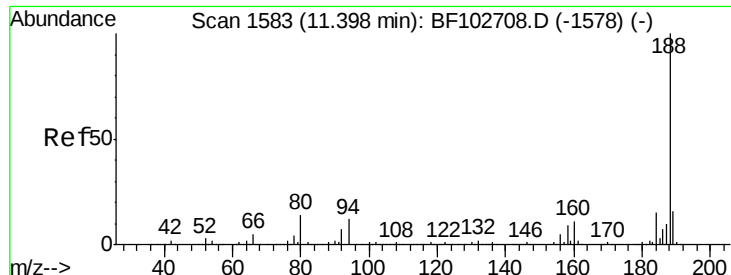
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#49
Dimethylphthalate
Concen: 4.478 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF102993.D
Acq: 14 Feb 2018 16:57

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.1	8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF102993.D

Acq: 14 Feb 2018 16:57

Instrument :

BNA_F

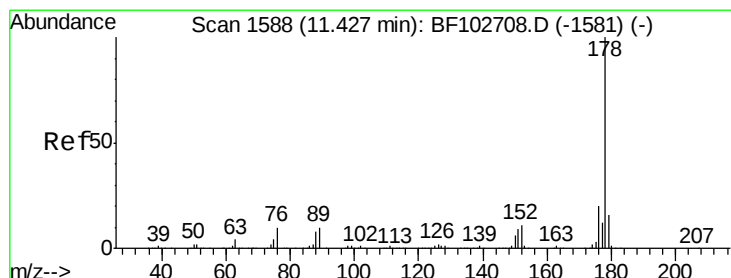
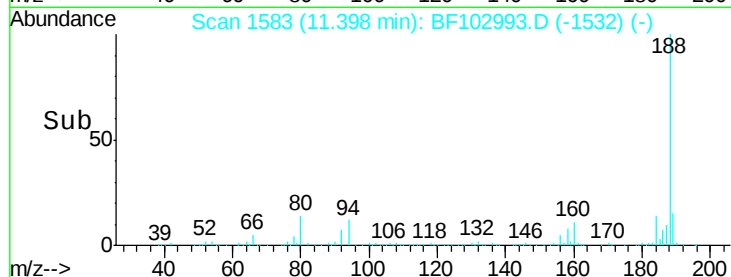
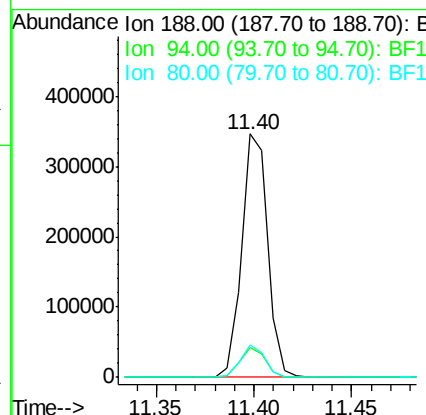
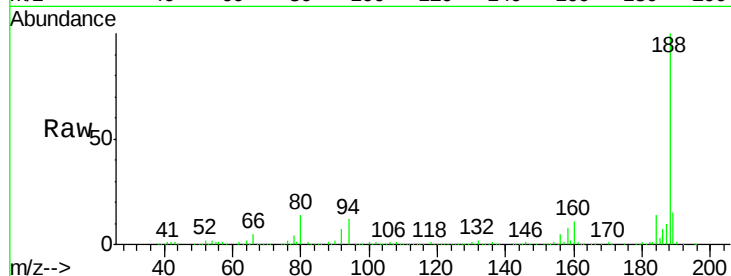
ClientSampleId :

12-ST-LATERAL-LINE-2-SW@5

Tot Ion:	188	Resp:	318716
Ion Ratio	Lower	Upper	
188	100		
94	12.5	8.5	12.7
80	13.6	9.2	13.8

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#70

Phenanthrene

Concen: 16.945 ng

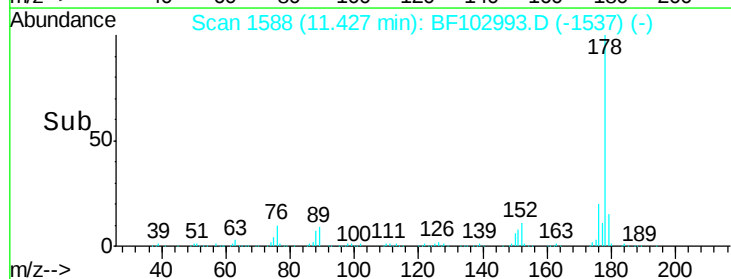
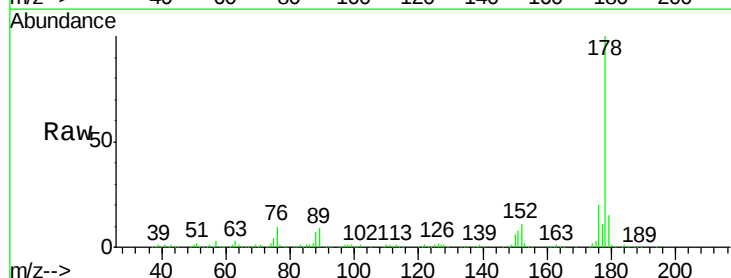
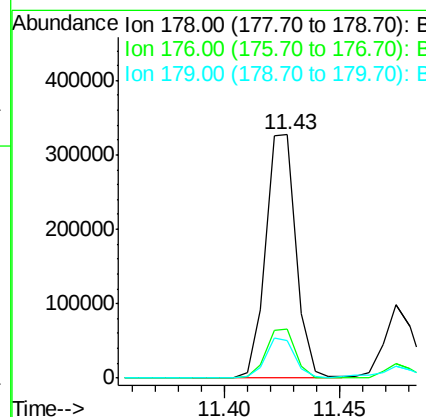
RT: 11.43 min Scan# 1588

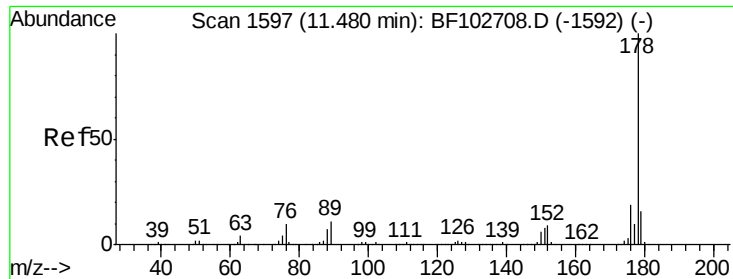
Delta R.T. 0.00 min

Lab File: BF102993.D

Acq: 14 Feb 2018 16:57

Tgt Ion:	178	Resp:	300778
Ion Ratio	Lower	Upper	
178	100		
176	20.3	15.8	23.8
179	15.4	13.0	19.6





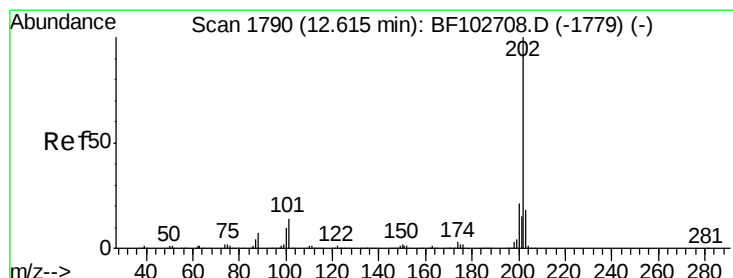
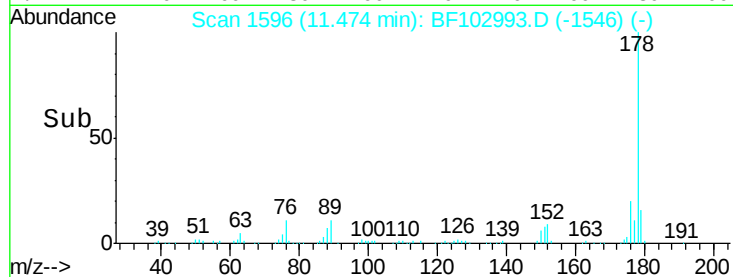
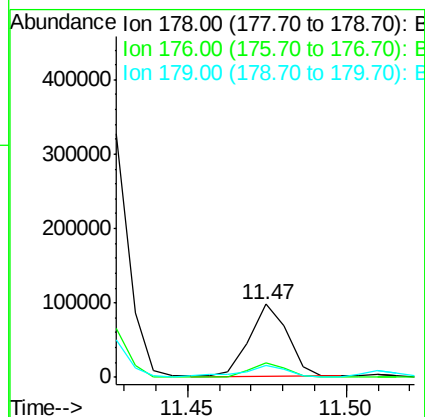
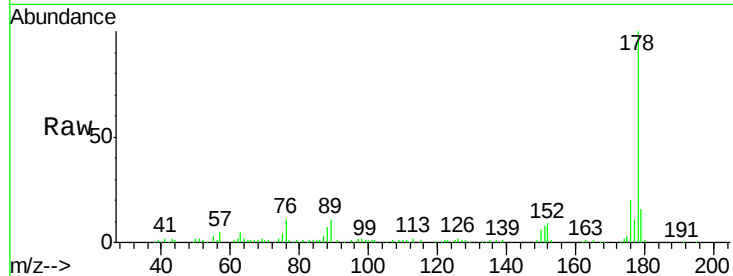
#71
 Anthracene
 Concen: 4.522 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF102993.D
 Acq: 14 Feb 2018 16:57

Instrument :
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 12-ST-LATERAL-LINE-2-SW@5

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100		81638		
176	19.9	15.4	23.2		
179	15.9	12.6	19.0		

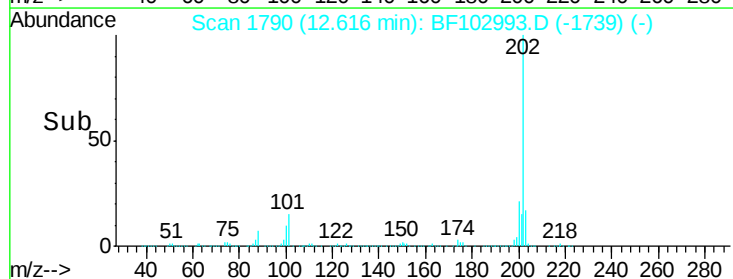
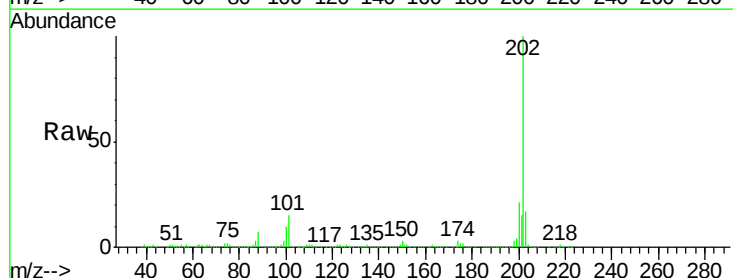
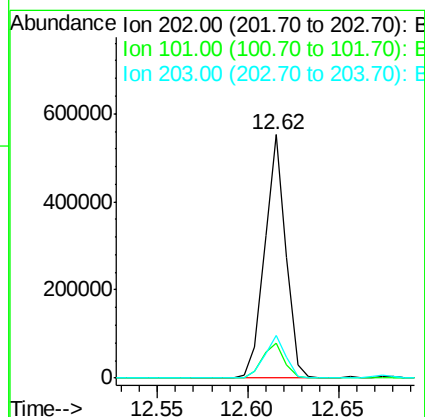
Manual Integrations
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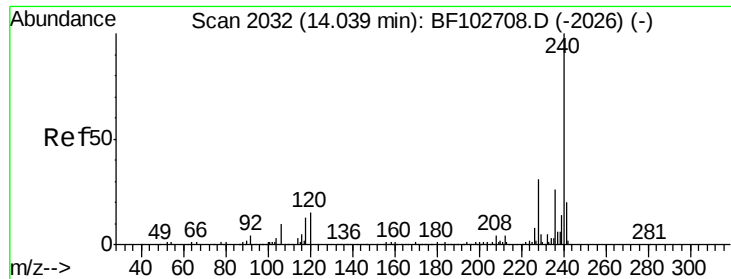
Sohil
 2/15/2018 11:06:21 AM



#74
 Fluoranthene
 Concen: 24.956 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: BF102993.D
 Acq: 14 Feb 2018 16:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		445685		
101	14.5	0.0	34.1		
203	17.4	0.0	38.1		





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BF102993.D

Acq: 14 Feb 2018 16:57

Instrument :

BNA_F

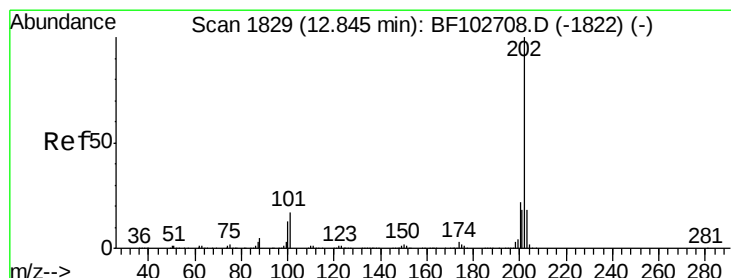
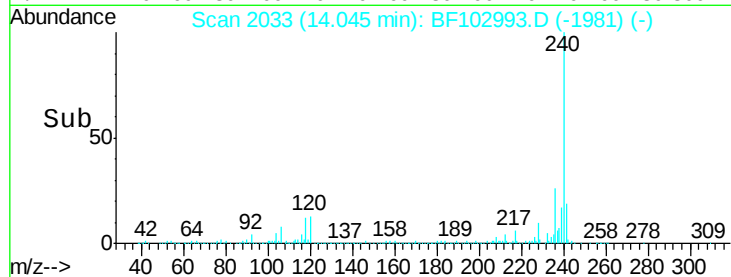
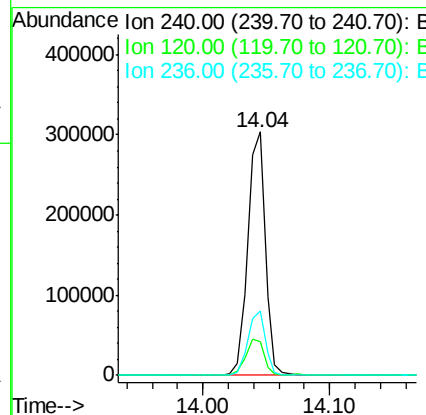
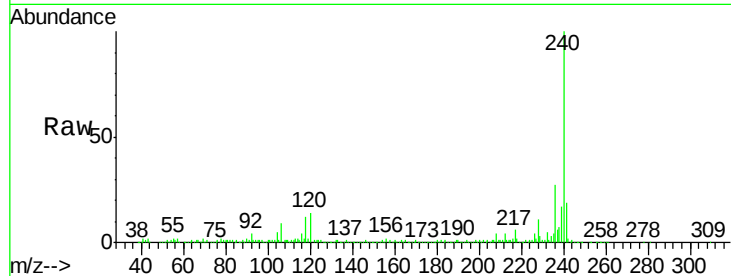
ClientSampleId :

12-ST-LATERAL-LINE-2-SW@5

Tot Ion:	240	Resp:	289483
Ion Ratio	Lower	Upper	
240	100		
120	13.7	9.5	14.3
236	26.6	20.7	31.1

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#77

Pyrene

Concen: 17.223 ng

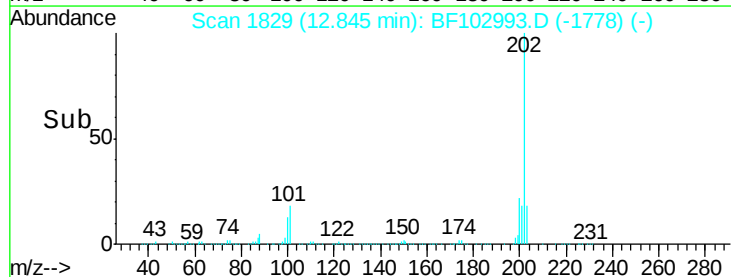
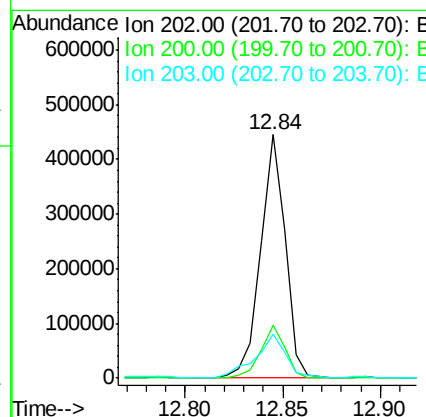
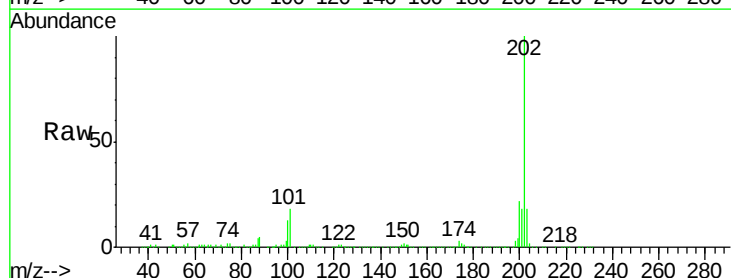
RT: 12.84 min Scan# 1829

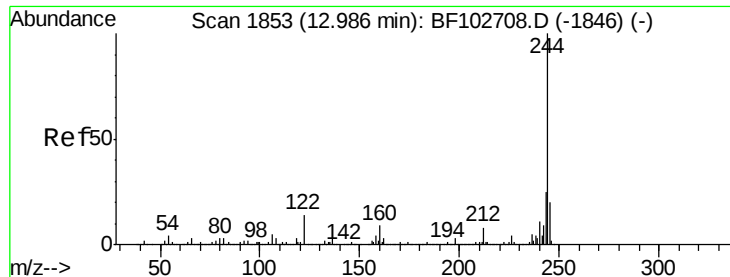
Delta R.T. 0.00 min

Lab File: BF102993.D

Acq: 14 Feb 2018 16:57

Tgt Ion:	202	Resp:	390963
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.4	26.2
203	17.9	14.3	21.5





#78

Terphenyl-d14

Concen: 60.777 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF102993.D

Acq: 14 Feb 2018 16:57

Instrument :

BNA_F

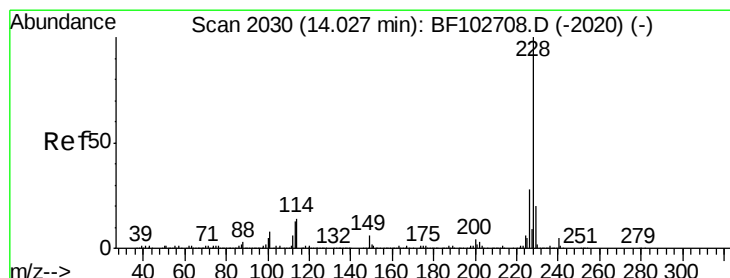
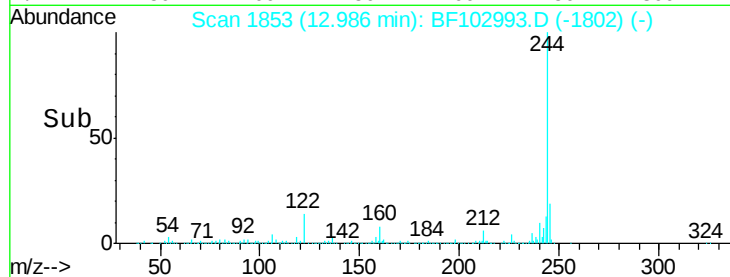
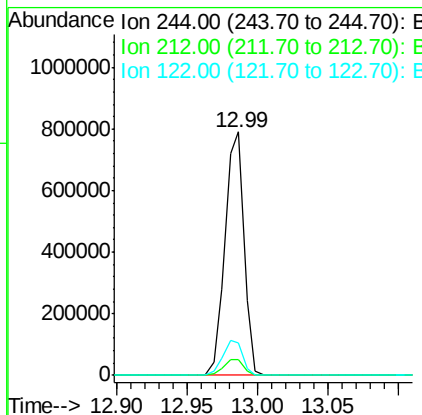
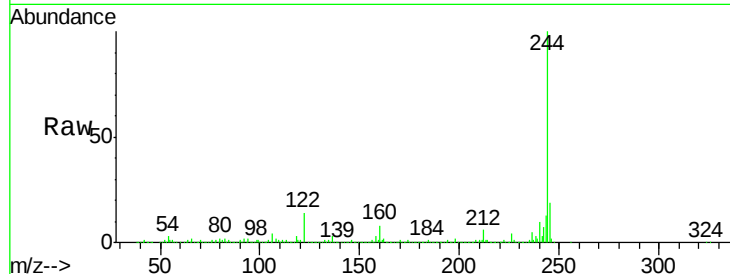
ClientSampleId :

12-ST-LATERAL-LINE-2-SW@5

Tot Ion:	244	Resp:	743062
Ion Ratio	Lower	Upper	
244	100		
212	6.5	5.4	8.0
122	13.6	11.0	16.4

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#80

Benzo(a)anthracene

Concen: 12.326 ng

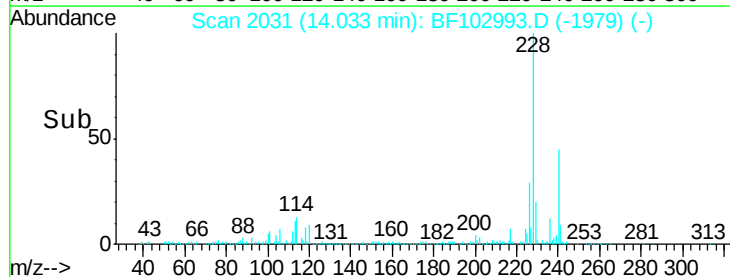
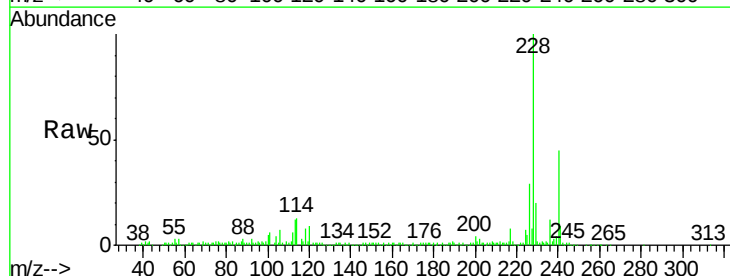
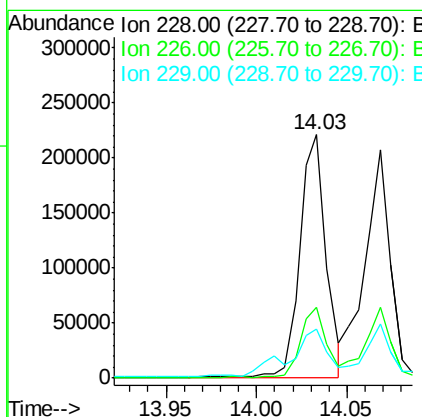
RT: 14.03 min Scan# 2031

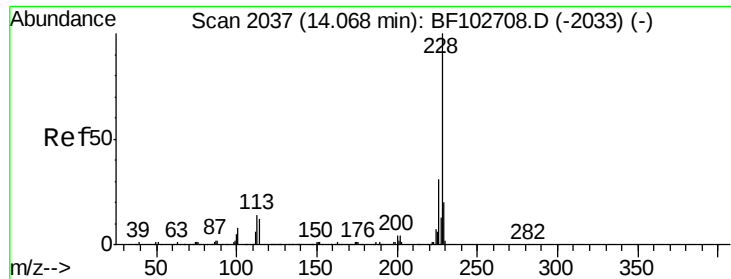
Delta R.T. 0.01 min

Lab File: BF102993.D

Acq: 14 Feb 2018 16:57

Tgt Ion:	228	Resp:	224411
Ion Ratio	Lower	Upper	
228	100		
226	28.8	22.6	33.8
229	20.1	15.8	23.6





#82

Chrysene

Concen: 11.106 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF102993.D

Acq: 14 Feb 2018 16:57

Instrument :

BNA_F

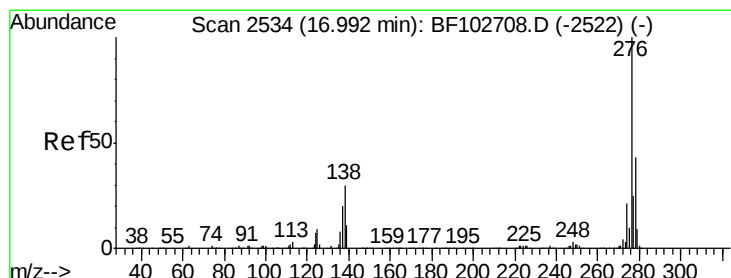
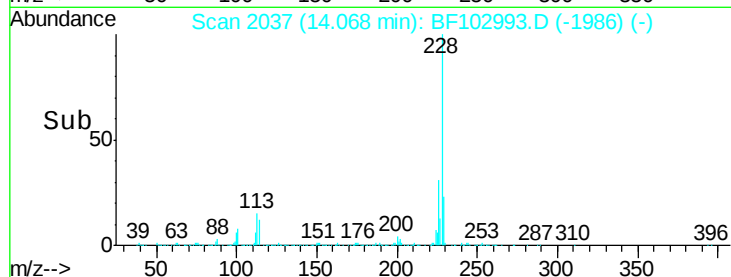
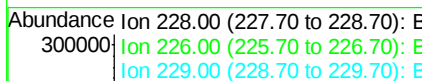
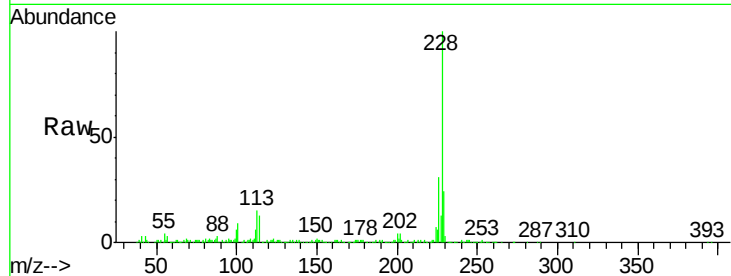
ClientSampleId :

12-ST-LATERAL-LINE-2-SW@5

Tot Ion:	228	Resp:	203825
Ion Ratio	Lower	Upper	
228	100		
226	30.8	25.0	37.6
229	23.5	16.2	24.4

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#85

Indeno(1,2,3-cd)pyrene

Concen: 5.333 ng

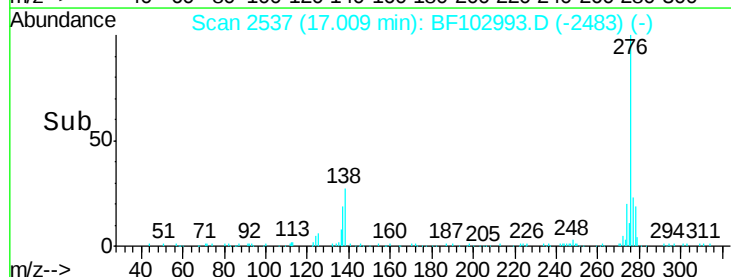
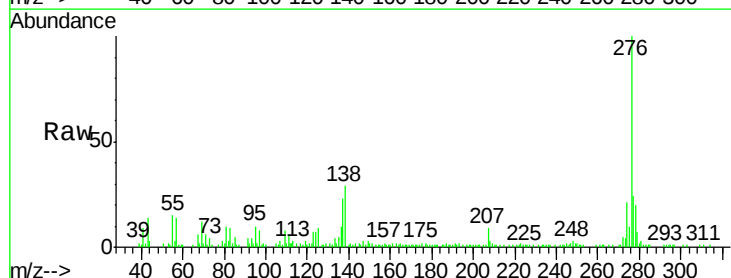
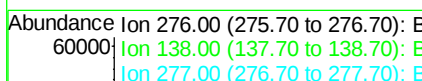
RT: 17.01 min Scan# 2537

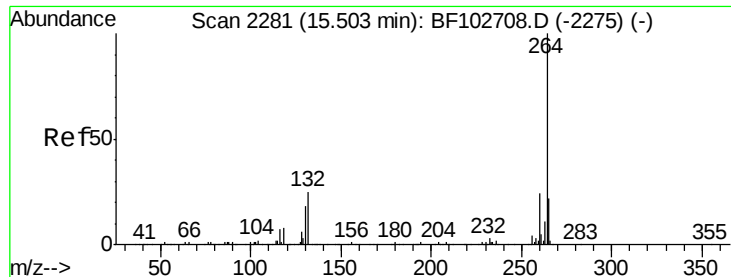
Delta R.T. 0.02 min

Lab File: BF102993.D

Acq: 14 Feb 2018 16:57

Tgt Ion:	276	Resp:	81174
Ion Ratio	Lower	Upper	
276	100		
138	30.1	25.0	37.6
277	24.9	20.1	30.1





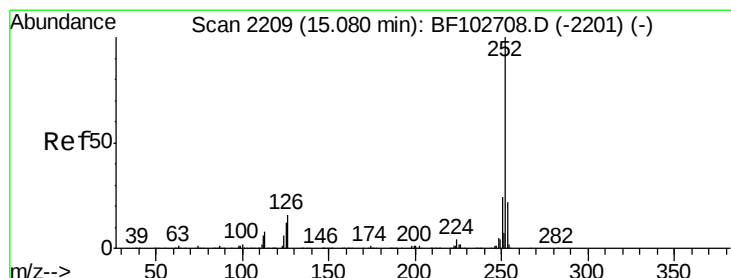
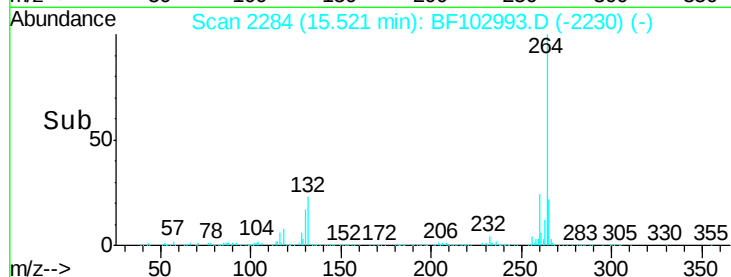
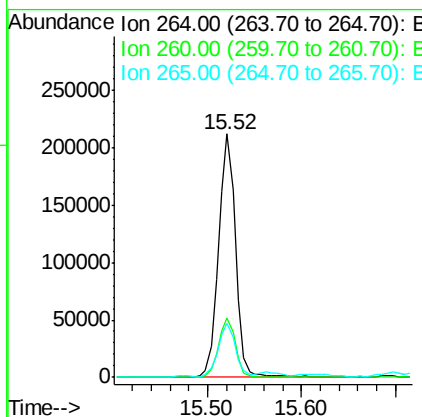
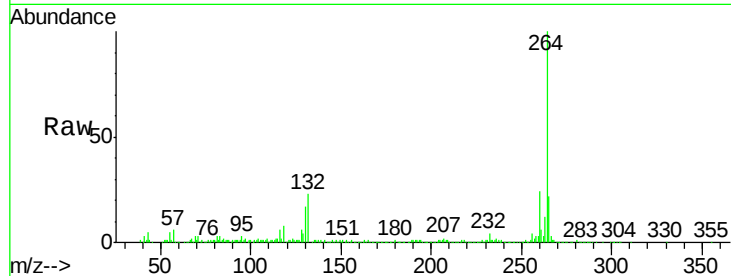
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.02 min
Lab File: BF102993.D
Acq: 14 Feb 2018 16:57

Instrument :
BNA_F
ClientSampleId :
12-ST-LATERAL-LINE-2-SW@5

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.5	17.5	26.3

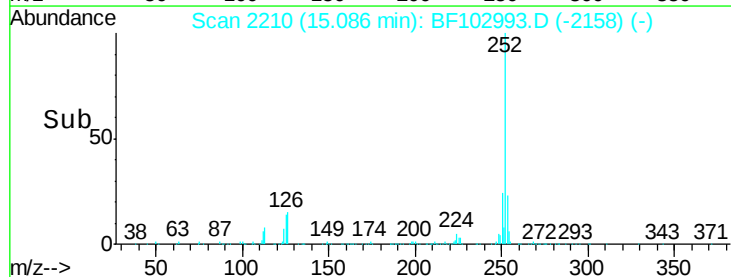
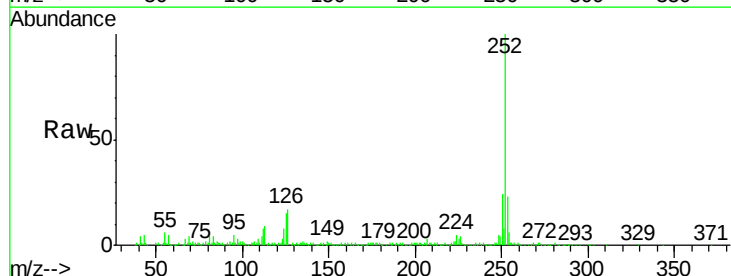
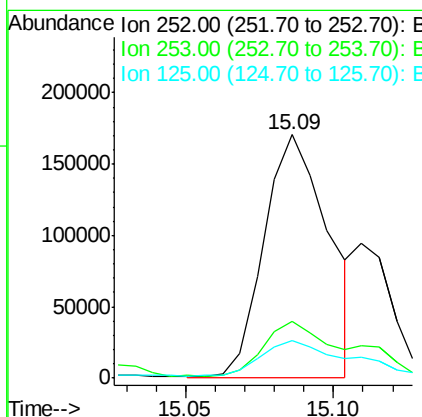
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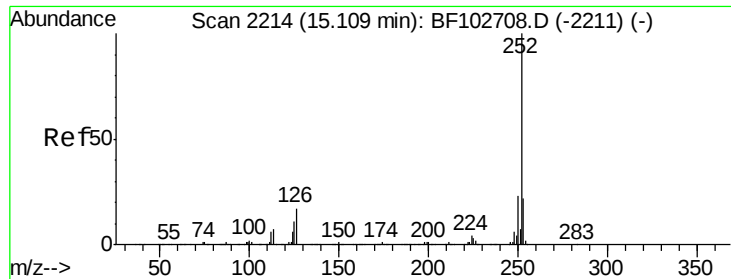
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#87
Benzo(b)fluoranthene
Concen: 14.806 ng m
RT: 15.09 min Scan# 2210
Delta R.T. 0.01 min
Lab File: BF102993.D
Acq: 14 Feb 2018 16:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.6
125	15.5	9.0	13.6





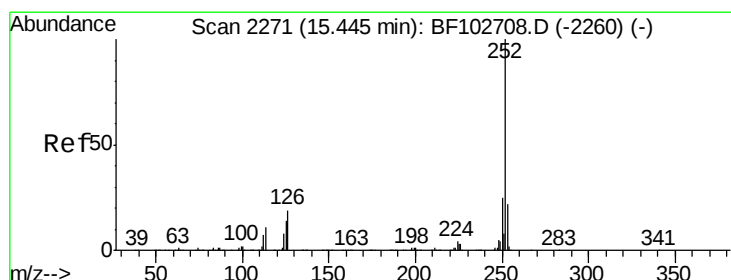
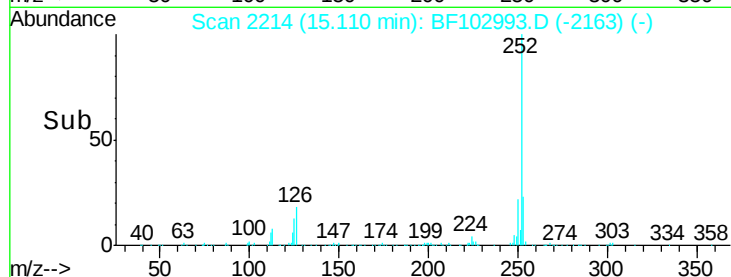
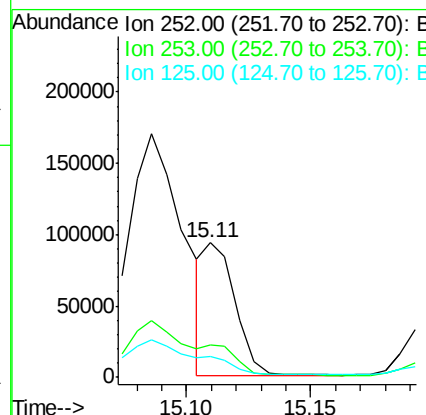
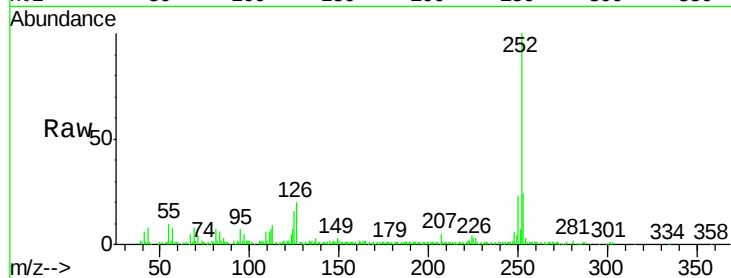
#88
Benzo(k)fluoranthene
Concen: 5.009 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BF102993.D
Acq: 14 Feb 2018 16:57

Instrument :
BNA_F
ClientSampleId :
12-ST-LATERAL-LINE-2-SW@5

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.9	26.9
125	15.8	10.2	15.2

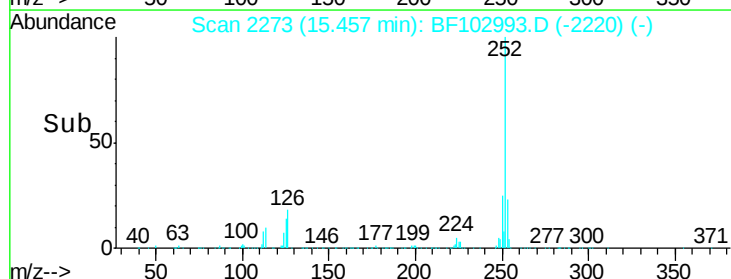
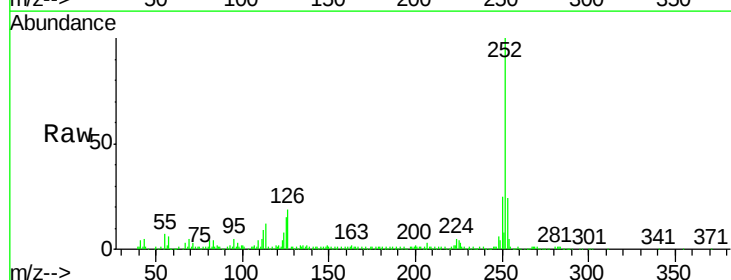
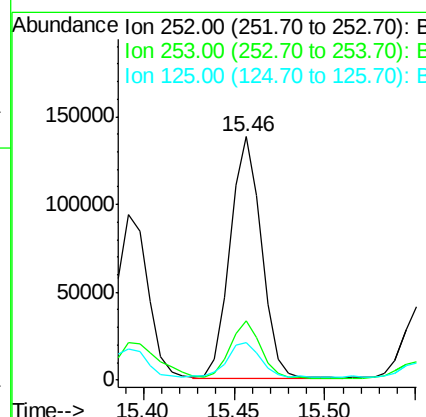
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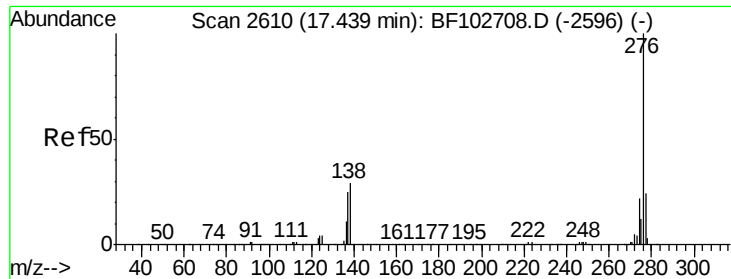
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#89
Benzo(a)pyrene
Concen: 10.747 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF102993.D
Acq: 14 Feb 2018 16:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.1	25.7
125	15.5	9.8	14.6





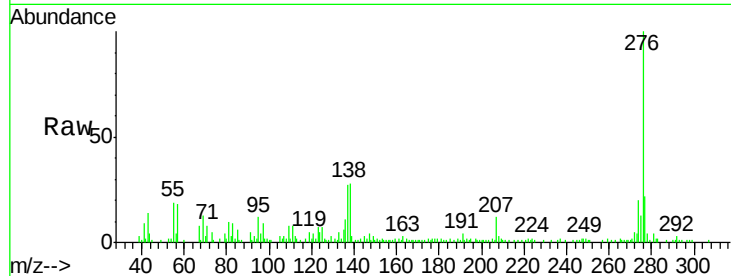
#91
 Benzo(a,h,i)perylene
 Concen: 5.949 ng
 RT: 17.47 min Scan# 2615
 Delta R.T. 0.03 min
 Lab File: BF102993.D
 Acq: 14 Feb 2018 16:57

Instrument :
 BNA_F
 ClientSampleId :
 12-ST-LATERAL-LINE-2-SW@5

Tot Ion:	276	Resp:	73444
Ion Ratio	Lower	Upper	
276	100		
277	22.4	17.9	26.9
138	28.3	21.8	32.8

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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

