

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
 Data File : BF102521.D
 Acq On : 27 Jan 2018 20:15
 Operator : SJ/JU
 Sample : J1009-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-012518-A

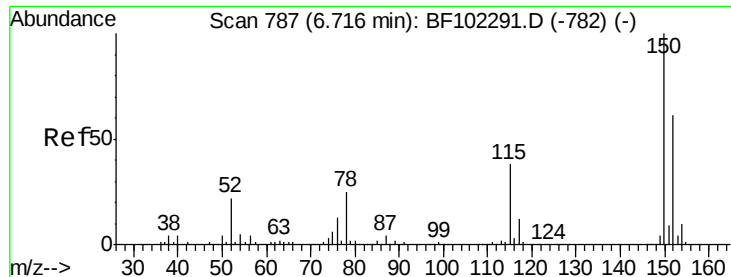
Manual Integrations
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 1/29/2018 5:44:35 PM

Quant Time: Jan 27 22:01:41 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	156123	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	631787	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	257695	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	355060	20.00	ng	0.00
75) Chrysene-d12	13.87	240	279205	20.00	ng	0.00
86) Perylene-d12	15.31	264	230310	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	987586	95.91	ng	0.00
7) Phenol-d6	6.36	99	1175610	94.70	ng	0.00
23) Nitrobenzene-d5	7.28	82	731597	66.55	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	192618	75.44	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1059857	60.47	ng	0.00
78) Terphenyl-d14	12.82	244	684293	55.25	ng	0.00
Target Compounds						
10) Phenol	6.37	94	46191	3.408	ng	99
49) Dimethylphthalate	9.47	163	106286	4.990	ng	97
70) Phenanthrene	11.26	178	141502	6.839	ng	98
74) Fluoranthene	12.45	202	217477	10.308	ng	99
77) Pyrene	12.68	202	192807	8.932	ng	98
80) Benzo(a)anthracene	13.87	228	91202	5.306	ng	99
82) Chrysene	13.90	228	92385	5.292	ng	98
87) Benzo(b)fluoranthene	14.90	252	99793m	6.685	ng	
88) Benzo(k)fluoranthene	14.92	252	32299m	2.290	ng	
89) Benzo(a)pyrene	15.24	252	59227	4.399	ng	# 84
91) Benzo(g,h,i)perylene	17.13	276	26461	2.457	ng	# 79

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



#1

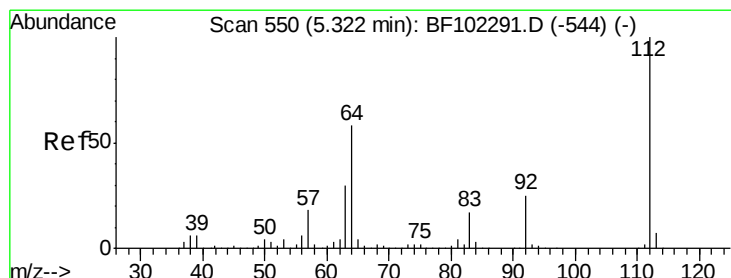
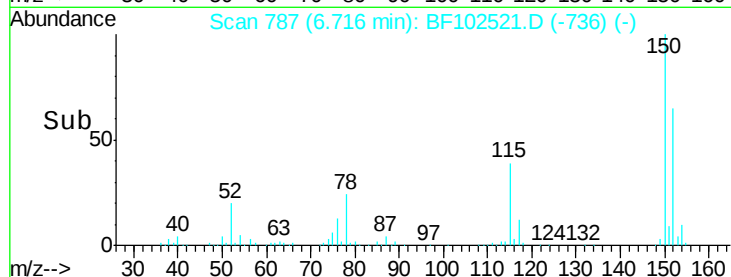
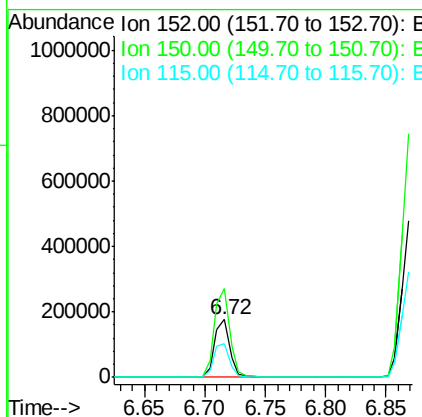
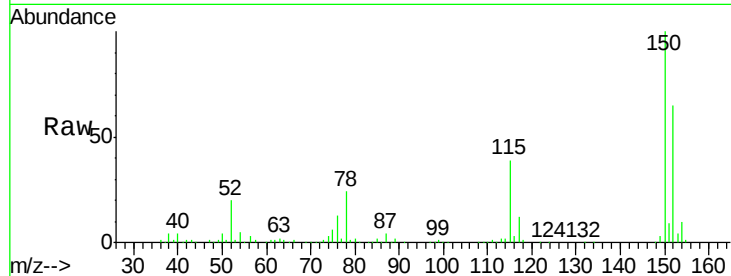
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102521.D
Acq: 27 Jan 2018 20:15

Instrument :
BNA_F
ClientSampleId :
AU-06-012518-A

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.6	186.8
115	59.6	50.1	75.1

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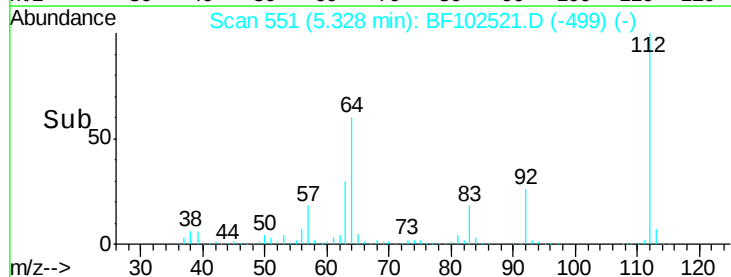
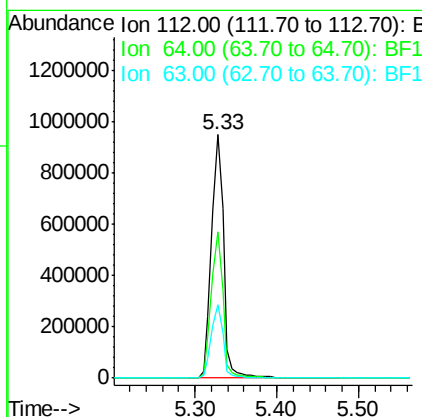
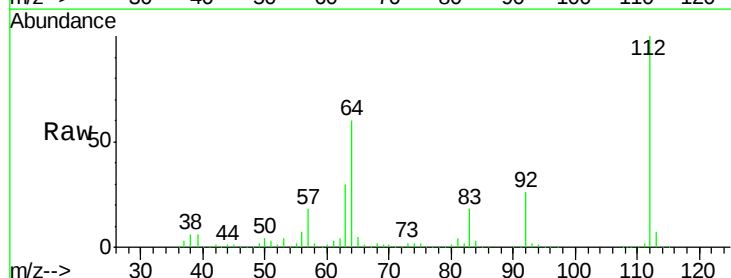
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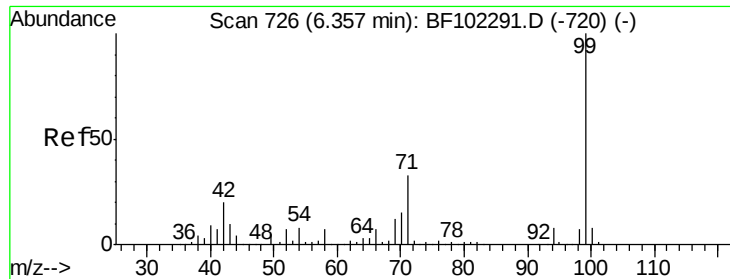


#5

2-Fluorophenol
Concen: 95.914 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102521.D
Acq: 27 Jan 2018 20:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	47.9	71.9
63	30.3	23.7	35.5





#7

Phenol-d6

Concen: 94.704 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102521.D

Acq: 27 Jan 2018 20:15

Instrument :

BNA_F

ClientSampleId :

AU-06-012518-A

Tgt Ion: 99 Resp: 1175610

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

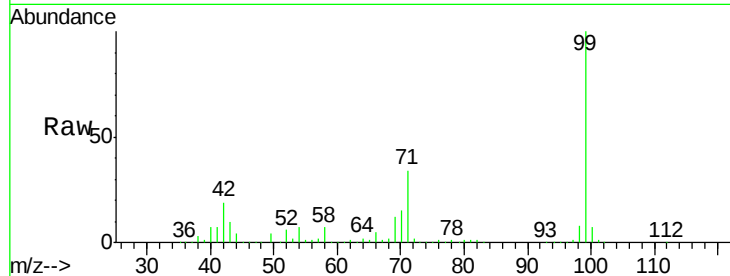
71 33.7 25.4 38.0

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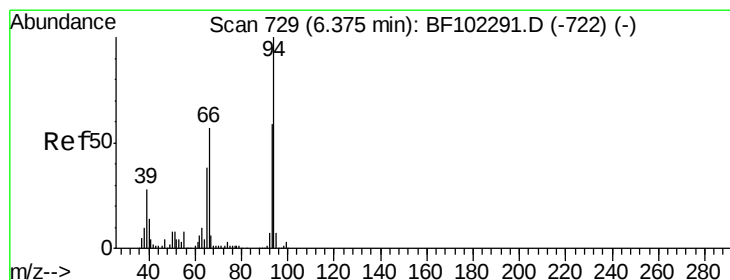
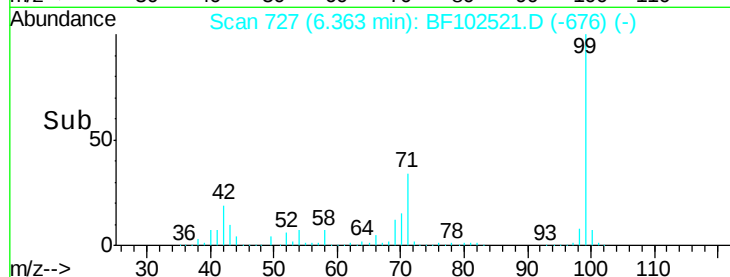
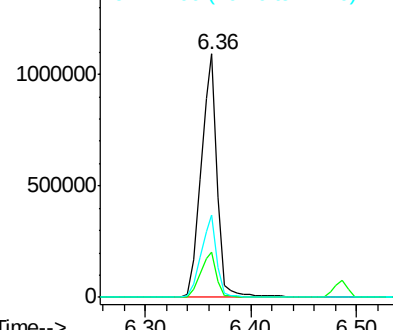
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.408 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF102521.D

Acq: 27 Jan 2018 20:15

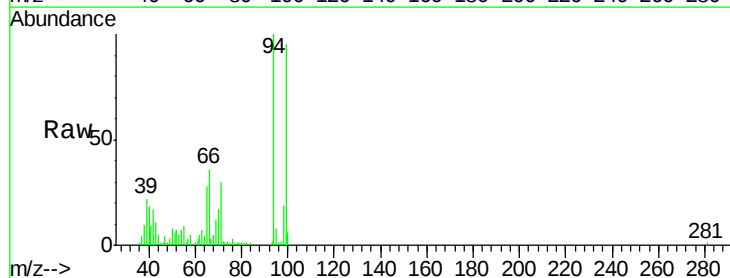
Tgt Ion: 94 Resp: 46191

Ion Ratio Lower Upper

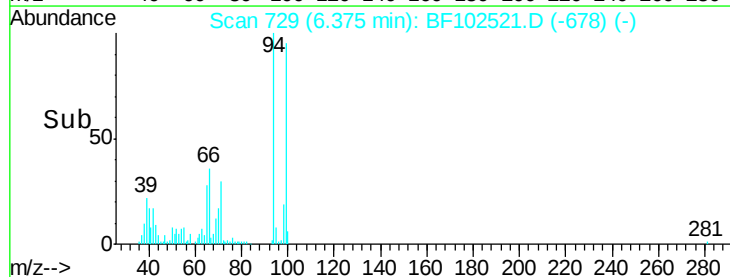
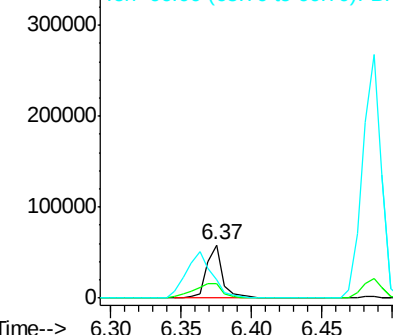
94 100

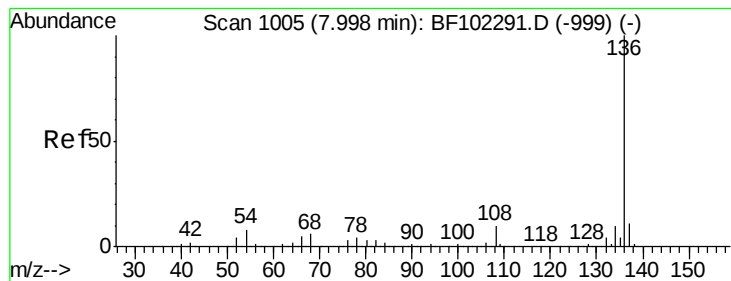
65 27.7 7.9 47.9

66 35.8 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





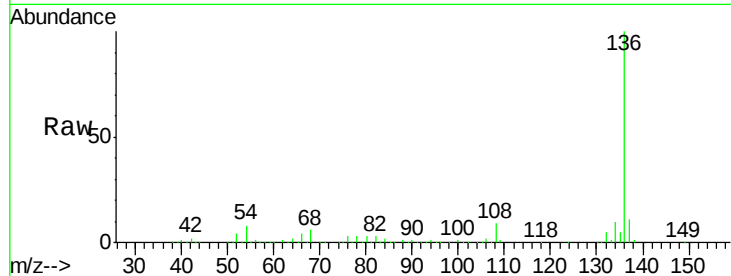
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF102521.D
Acq: 27 Jan 2018 20:15

Instrument :
BNA_F
ClientSampleId :
AU-06-012518-A

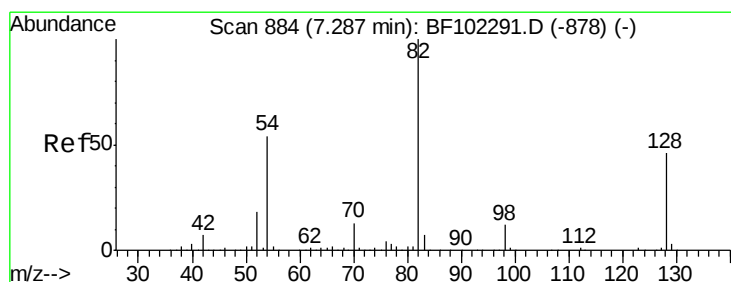
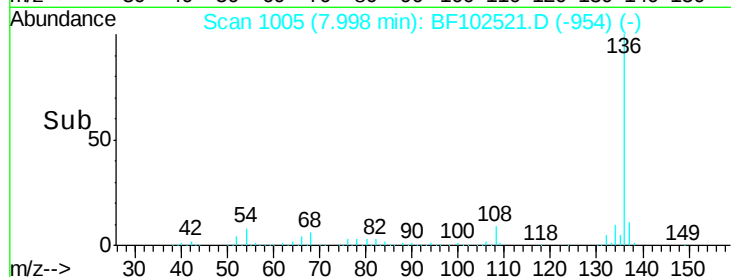
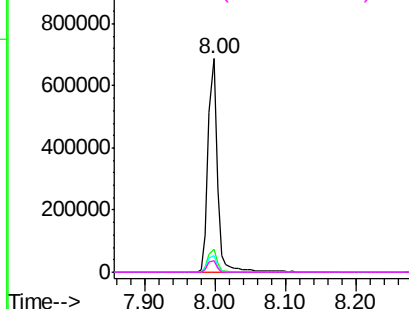
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	631787		
137	11.0	8.9	13.3	
54	7.8	6.6	9.8	
68	5.6	5.0	7.4	

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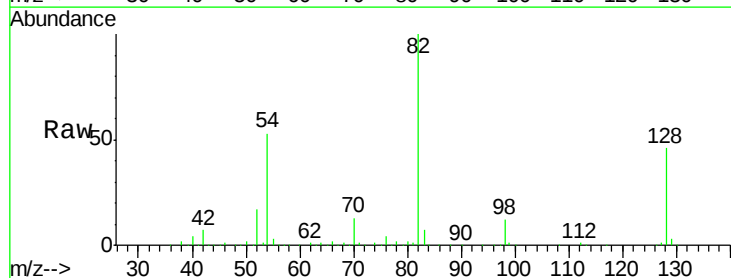


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

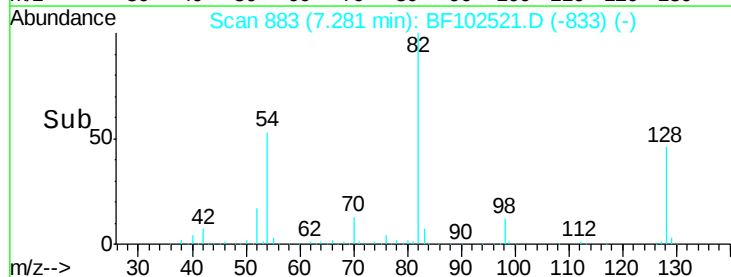
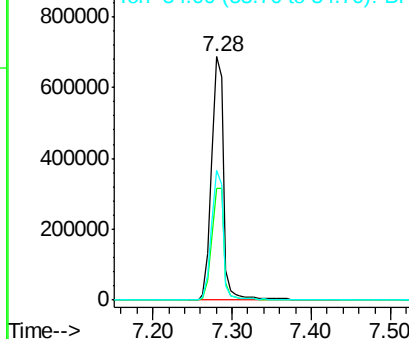


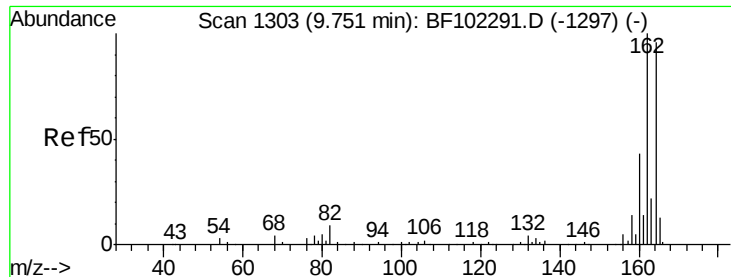
#23
Nitrobenzene-d5
Concen: 66.546 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102521.D
Acq: 27 Jan 2018 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	731597		
128	45.7	36.1	54.1	
54	53.2	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: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF102521.D

Acq: 27 Jan 2018 20:15

Instrument :

BNA_F

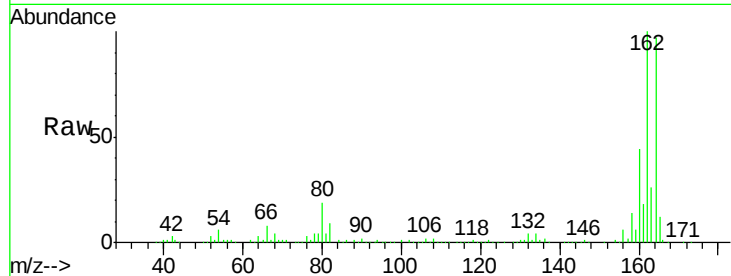
ClientSampleId :

AU-06-012518-A

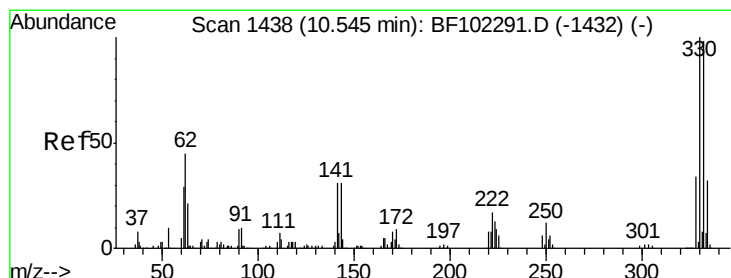
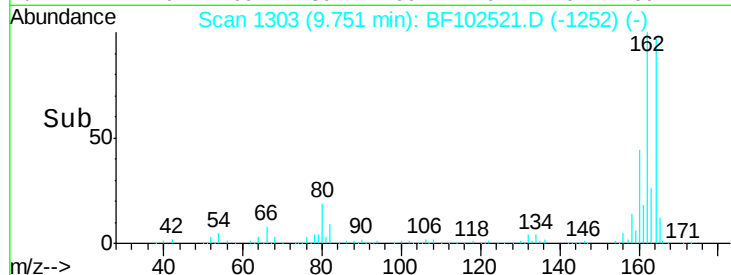
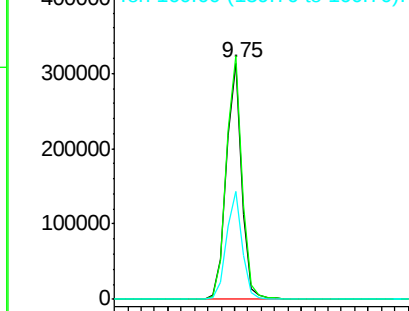
Tgt Ion:	164	Resp:	257695
Ion Ratio	Lower	Upper	
164	100		
162	103.1	86.1	129.1
160	45.4	38.3	57.5

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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: 75.436 ng

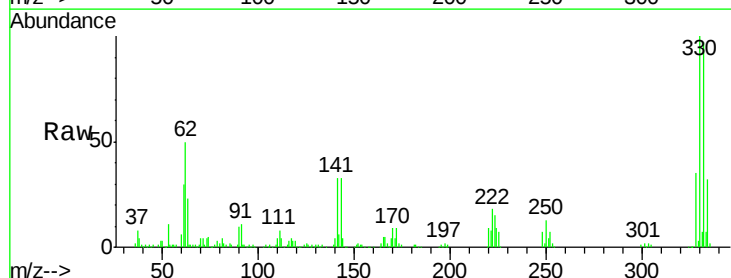
RT: 10.55 min Scan# 1438

Delta R.T. 0.00 min

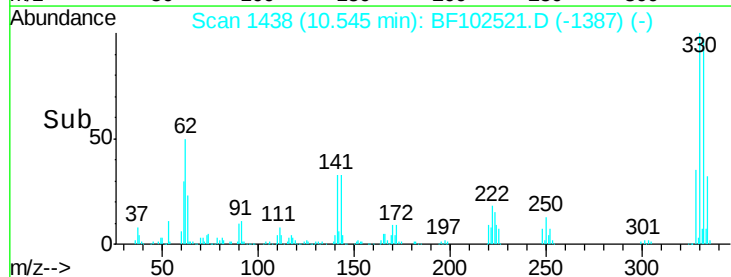
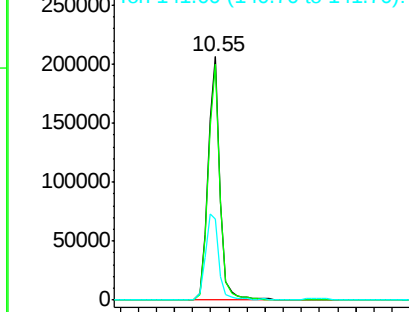
Lab File: BF102521.D

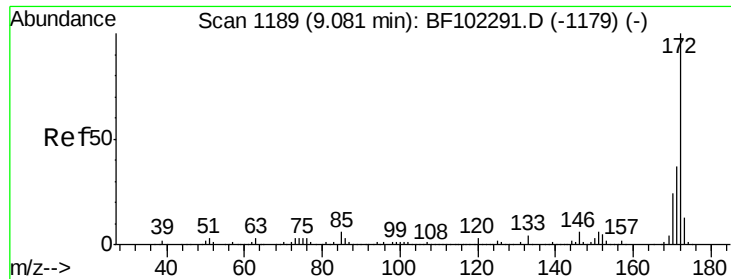
Acq: 27 Jan 2018 20:15

Tgt Ion:	330	Resp:	192618
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.0	115.6
141	40.0	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





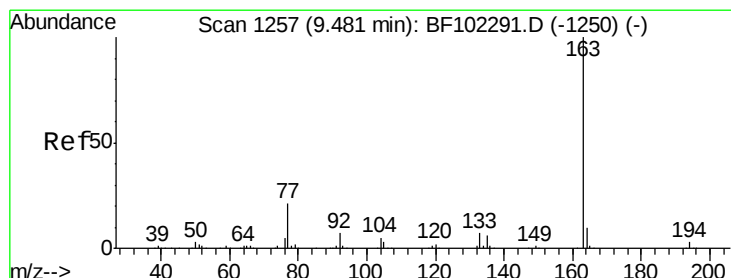
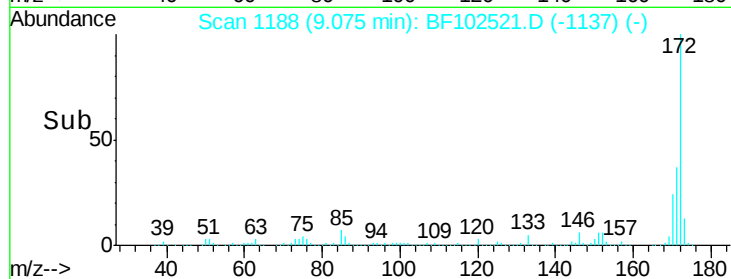
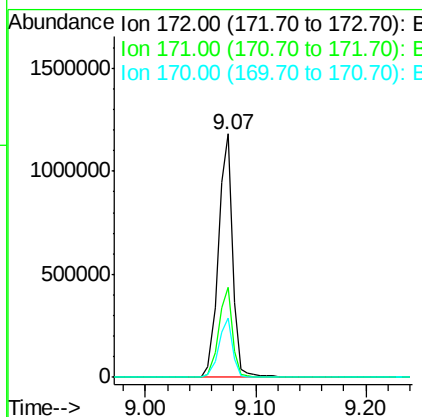
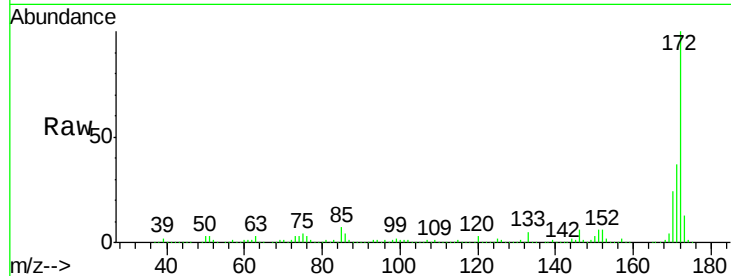
#44
2-Fluorobiphenyl
Concen: 60.473 ng
RT: 9.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF102521.D
Acq: 27 Jan 2018 20:15

Instrument :
BNA_F
ClientSampleId :
AU-06-012518-A

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.3	19.6	29.4

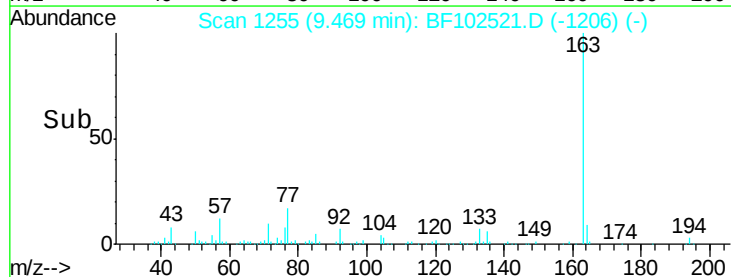
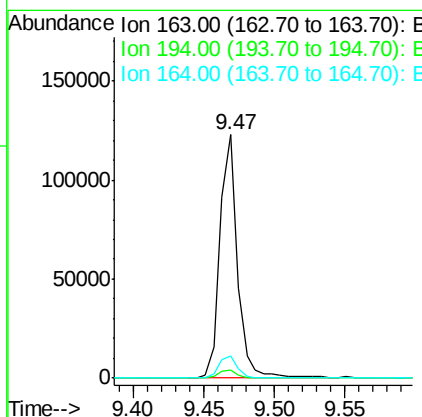
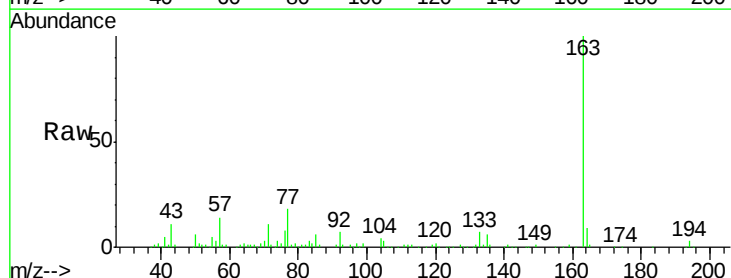
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#49
Dimethylphthalate
Concen: 4.990 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102521.D
Acq: 27 Jan 2018 20:15

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	9.0	8.2	12.2





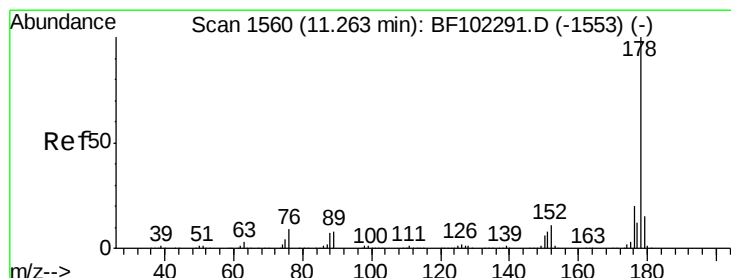
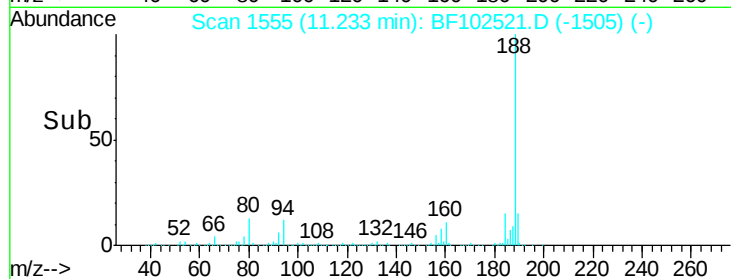
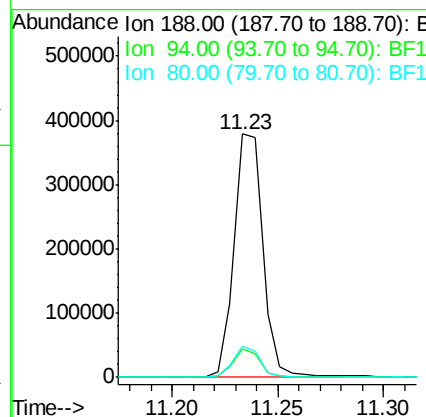
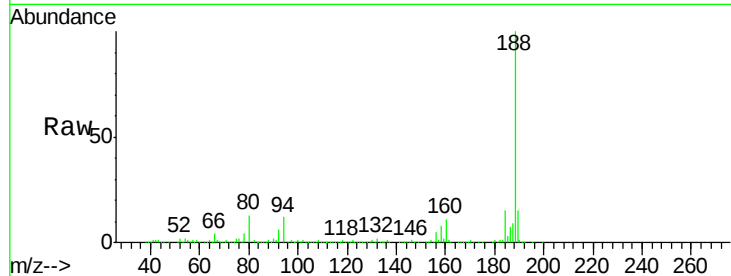
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102521.D
Acq: 27 Jan 2018 20:15

Instrument :
BNA_F
ClientSampleId :
AU-06-012518-A

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	355060		
94	11.9	8.5	12.7	
80	12.7	9.2	13.8	

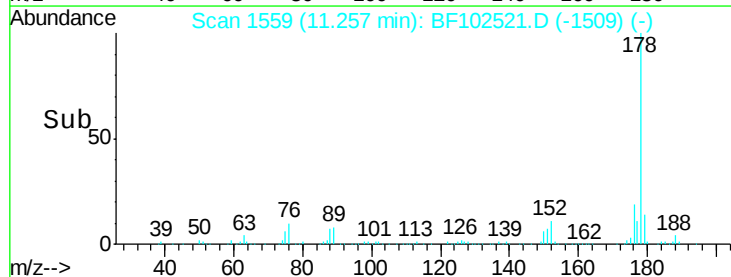
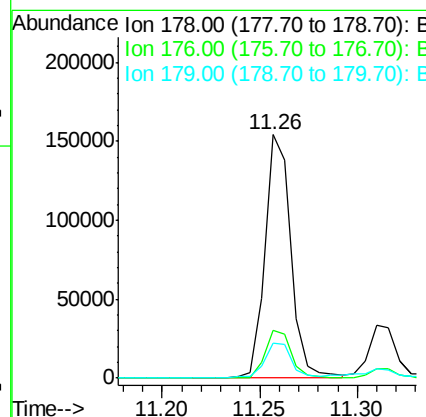
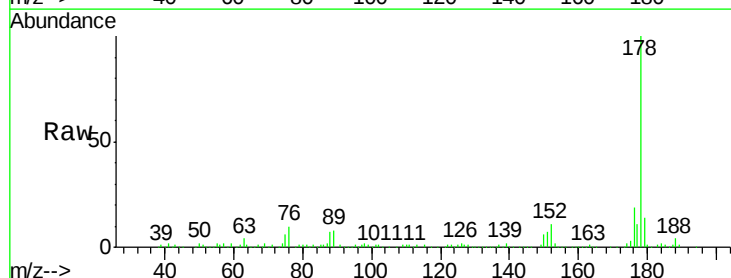
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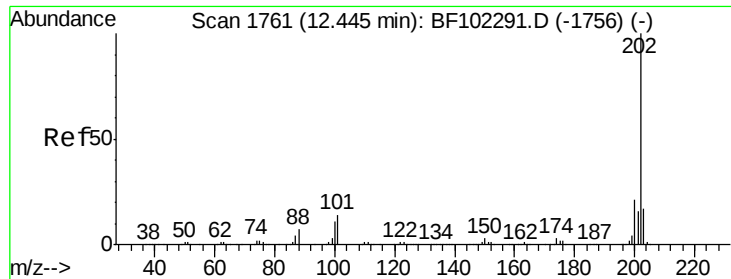
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#70
Phenanthrene
Concen: 6.839 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF102521.D
Acq: 27 Jan 2018 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	141502		
176	19.5	15.8	23.8	
179	14.4	13.0	19.6	





#74

Fluoranthene

Concen: 10.308 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF102521.D

Acq: 27 Jan 2018 20:15

Instrument :

BNA_F

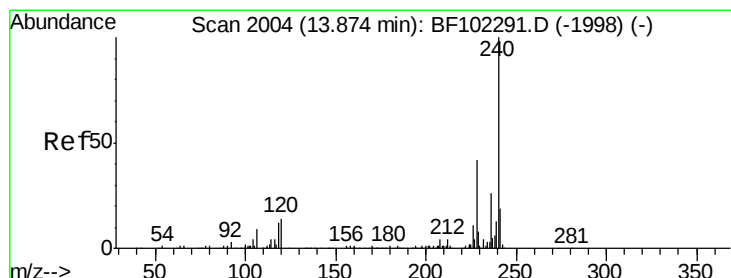
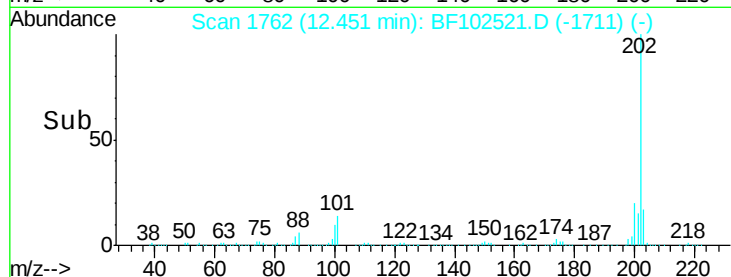
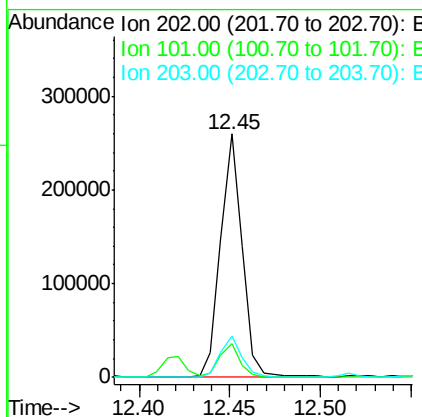
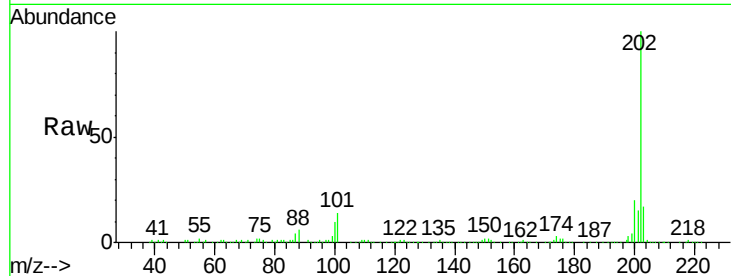
ClientSampleId :

AU-06-012518-A

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	14.0	0.0	34.1
203	17.1	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

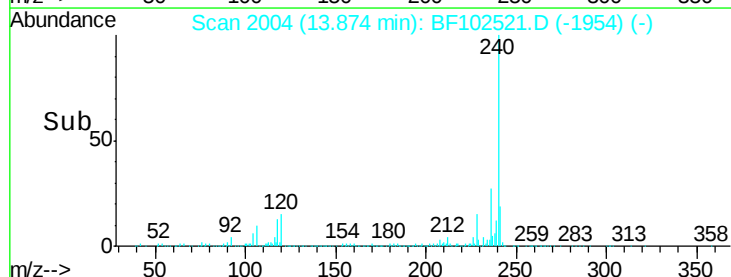
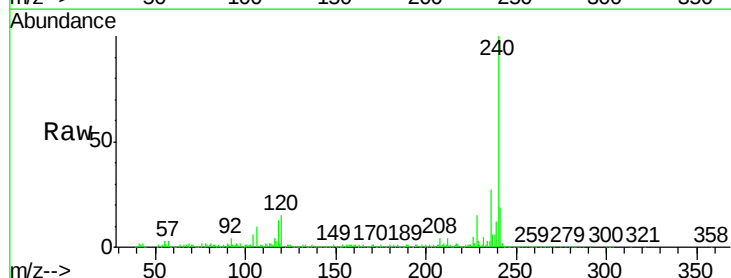
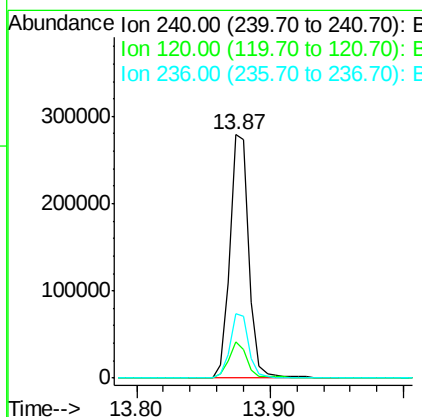
RT: 13.87 min Scan# 2004

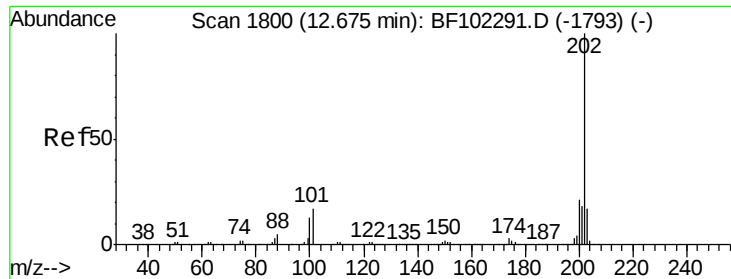
Delta R.T. -0.01 min

Lab File: BF102521.D

Acq: 27 Jan 2018 20:15

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.1	9.5	14.3#
236	26.6	20.7	31.1





#77

Pyrene

Concen: 8.932 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF102521.D

Acq: 27 Jan 2018 20:15

Instrument :

BNA_F

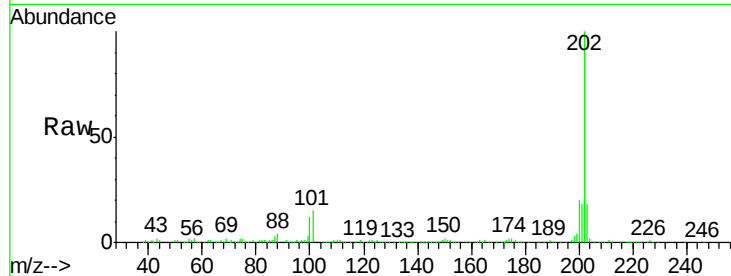
ClientSampleId :

AU-06-012518-A

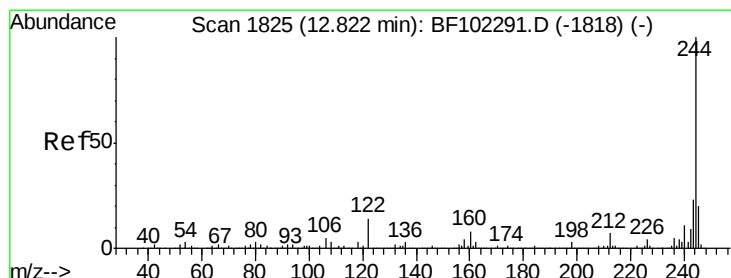
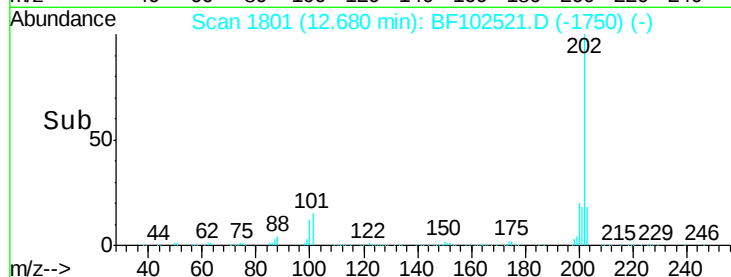
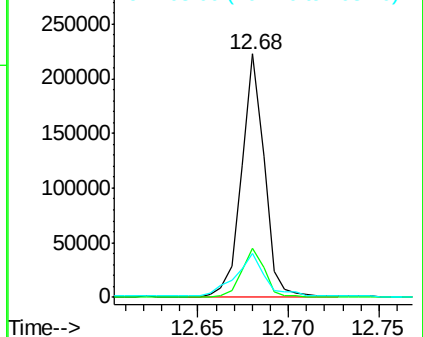
Tgt Ion:	202	Resp:	192807
Ion Ratio		Lower	Upper
202	100		
200	20.3	17.4	26.2
203	18.0	14.3	21.5

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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



#78

Terphenyl-d14

Concen: 55.251 ng

RT: 12.82 min Scan# 1825

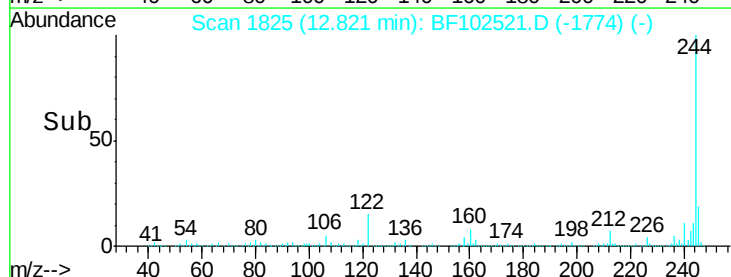
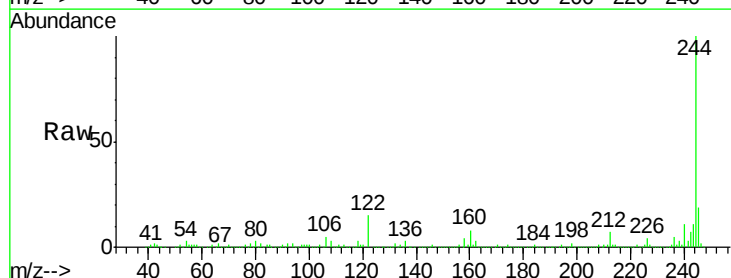
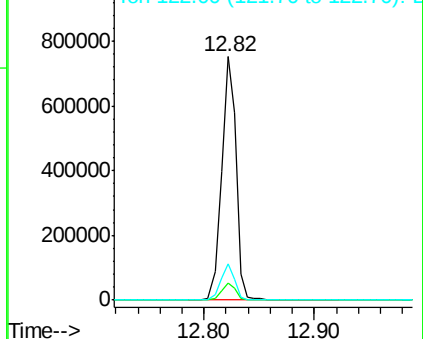
Delta R.T. 0.00 min

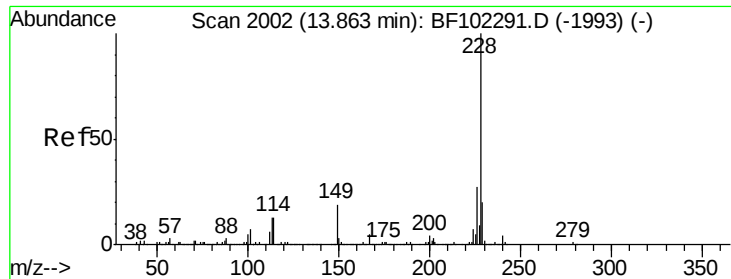
Lab File: BF102521.D

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Tgt Ion:	244	Resp:	684293
Ion Ratio		Lower	Upper
244	100		
212	6.8	5.4	8.0
122	14.9	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





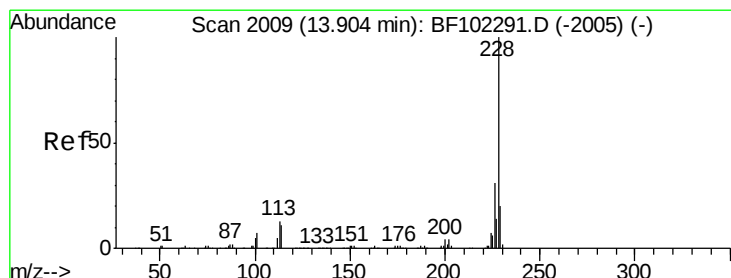
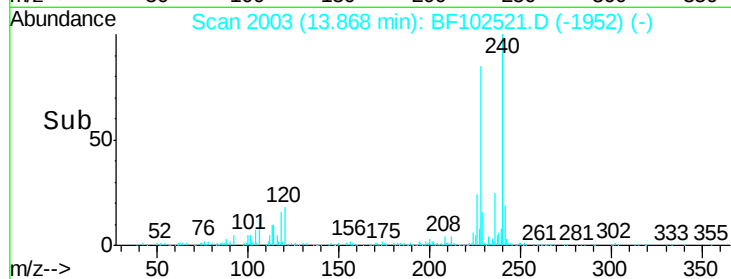
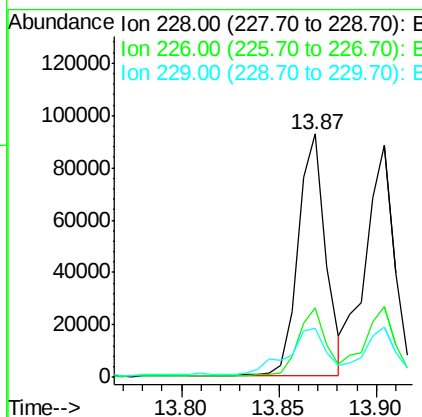
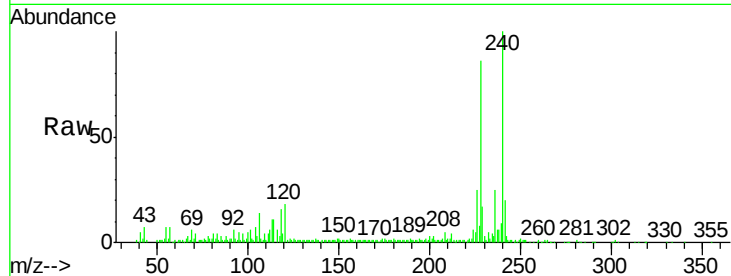
#80
Benzo(a)anthracene
Concen: 5.306 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF102521.D
Acq: 27 Jan 2018 20:15

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	20.3	15.8	23.6

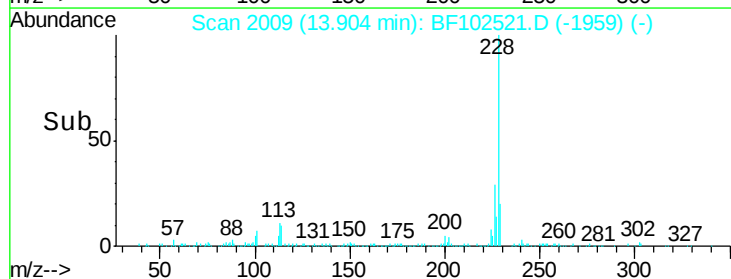
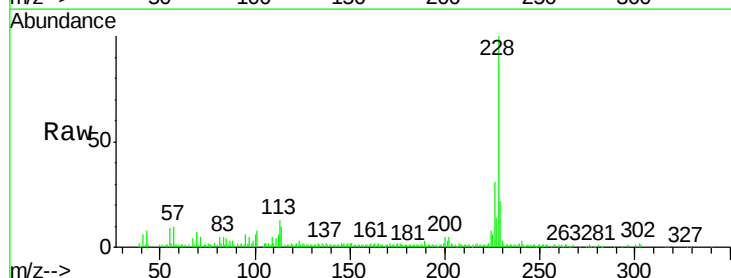
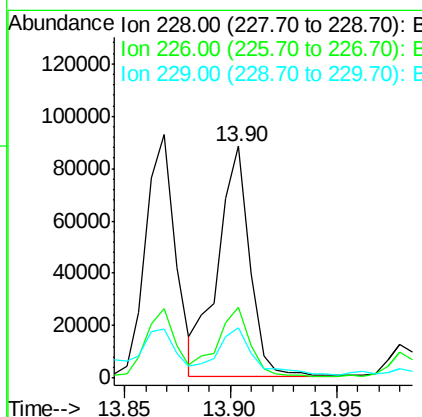
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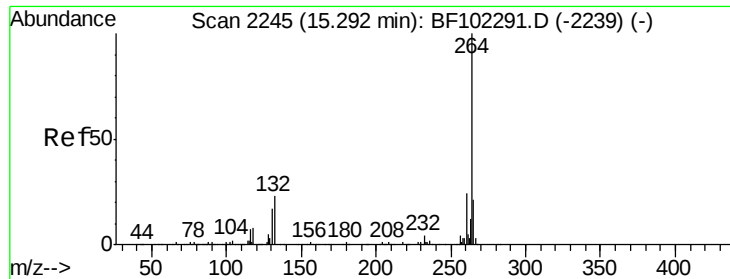
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#82
Chrysene
Concen: 5.292 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF102521.D
Acq: 27 Jan 2018 20:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	21.8	16.2	24.4





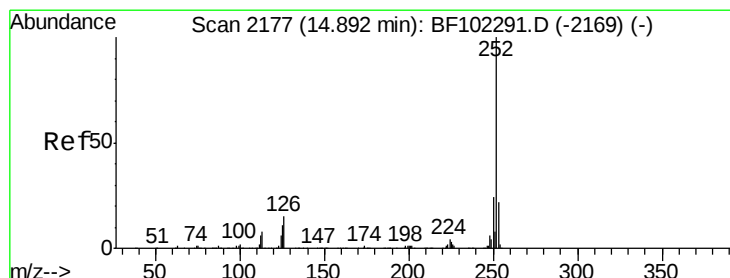
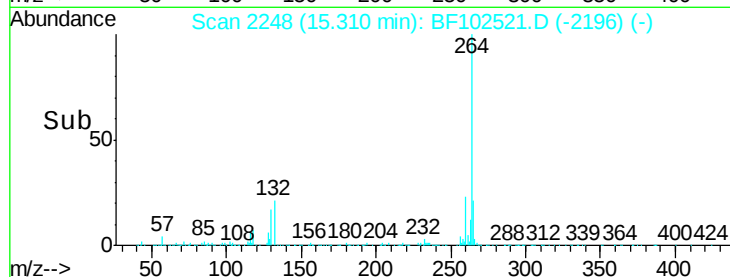
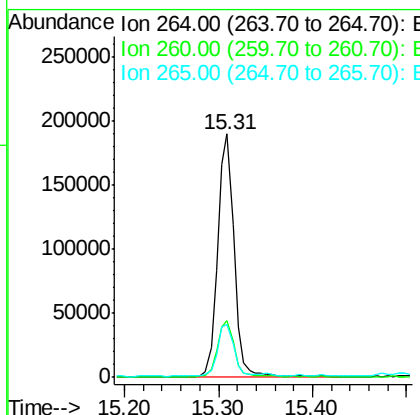
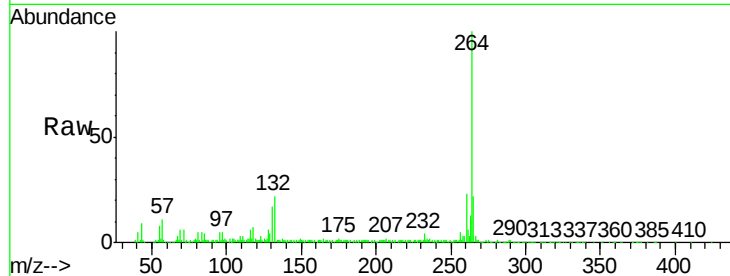
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.01 min
Lab File: BF102521.D
Acq: 27 Jan 2018 20:15

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
264	100	230310		
260	23.1	19.2	28.8	
265	21.5	17.5	26.3	

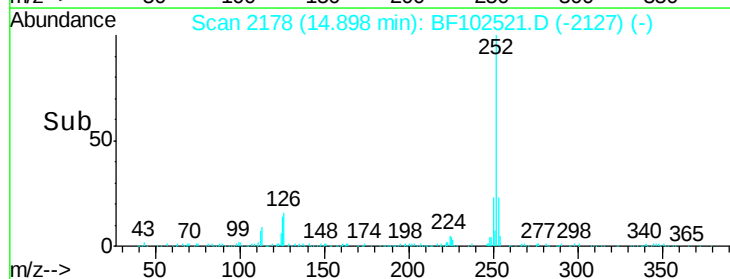
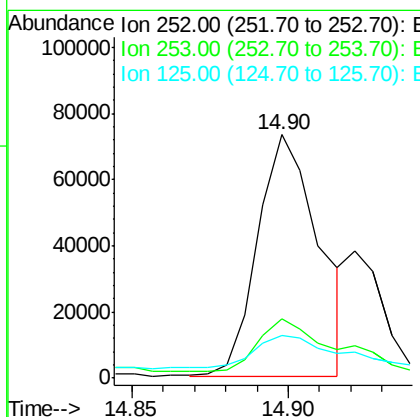
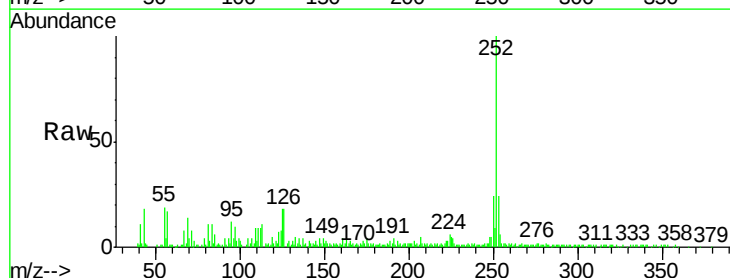
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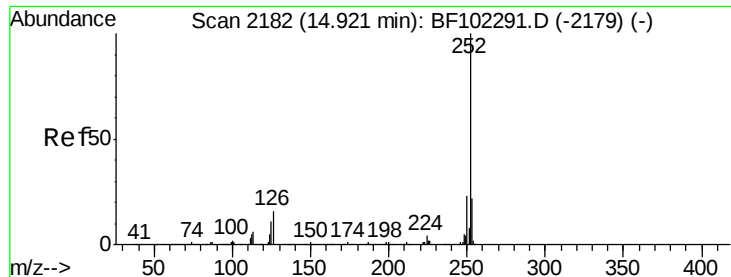
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#87
Benzo(b)fluoranthene
Concen: 6.685 ng m
RT: 14.90 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BF102521.D
Acq: 27 Jan 2018 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	99793		
253	24.3	17.0	25.6	
125	17.7	9.0	13.6#	





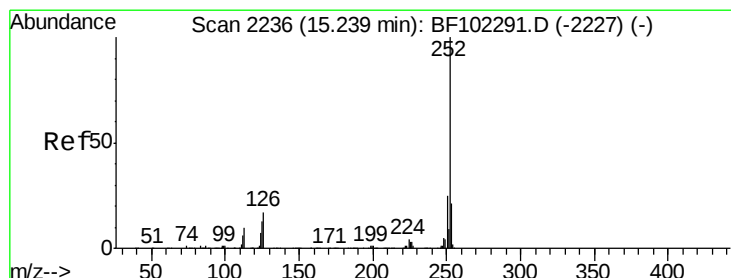
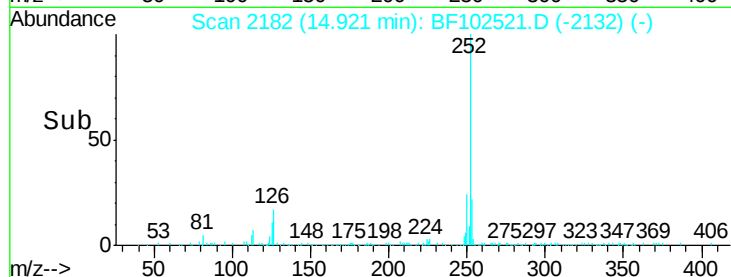
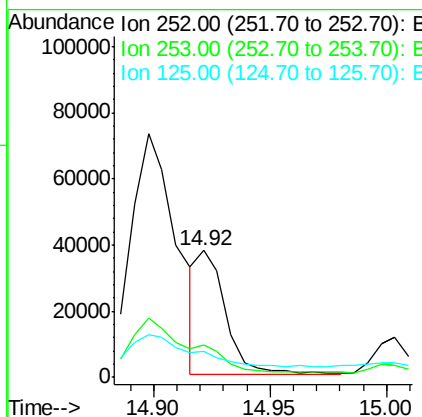
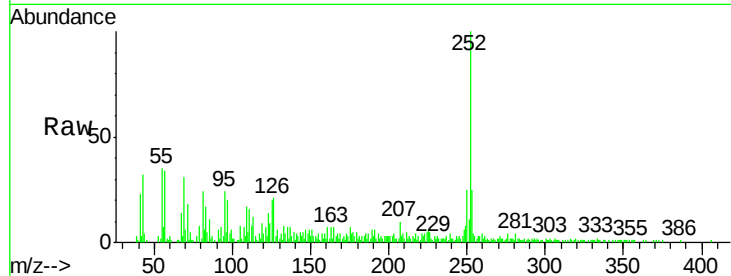
#88
Benzo(k)fluoranthene
Concen: 2.290 ng m
RT: 14.92 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BF102521.D
Acq: 27 Jan 2018 20:15

Instrument :
BNA_F
ClientSampleId :
AU-06-012518-A

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.9	26.9
125	20.1	10.2	15.2

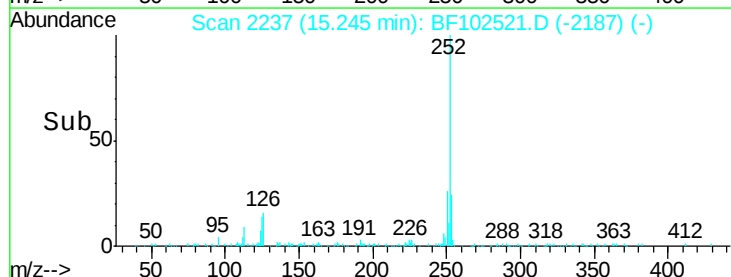
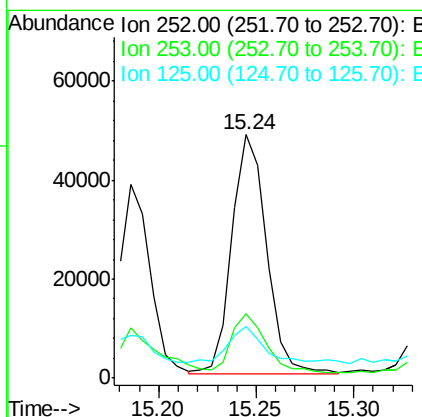
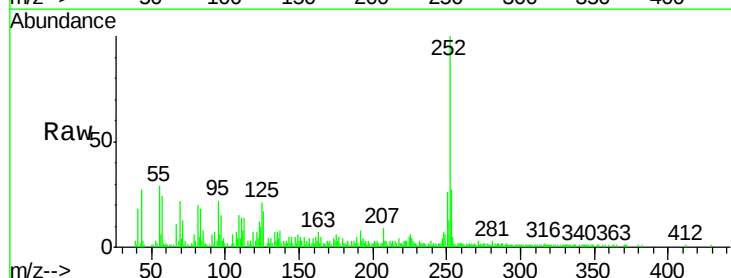
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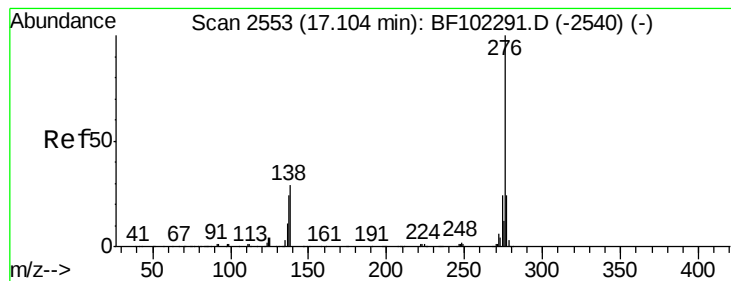
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#89
Benzo(a)pyrene
Concen: 4.399 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF102521.D
Acq: 27 Jan 2018 20:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.1	25.7
125	21.4	9.8	14.6





#91

Benzo(g,h,i)perylene

Concen: 2.457 ng

RT: 17.13 min Scan# 2557

Delta R.T. -0.01 min

Lab File: BF102521.D

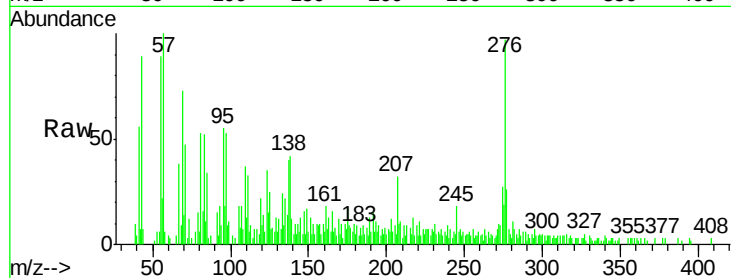
Acq: 27 Jan 2018 20:15

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:	276	Resp:	26461
Ion Ratio	Lower	Upper	
276	100		
277	26.6	17.9	26.9
138	43.4	21.8	32.8#

Manual Integrations
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