

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
 Data File : BF102523.D
 Acq On : 27 Jan 2018 21:09
 Operator : SJ/JU
 Sample : J1009-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

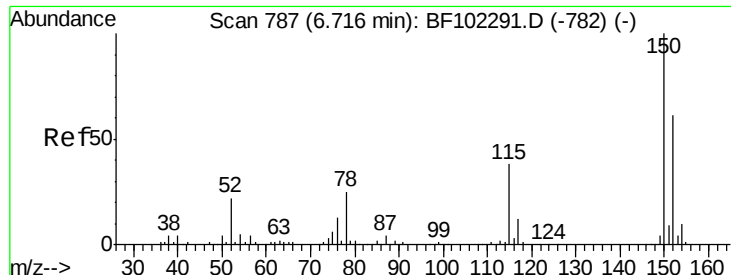
Manual Integrations
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Sohil
 1/29/2018 5:44:38 PM

Quant Time: Jan 27 22:16:04 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	151471	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	595553	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	246318	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	347375	20.00	ng	0.00
75) Chrysene-d12	13.88	240	265978	20.00	ng	0.00
86) Perylene-d12	15.31	264	200926	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1017915	101.90	ng	0.01
7) Phenol-d6	6.36	99	1219216	101.23	ng	0.00
23) Nitrobenzene-d5	7.29	82	701270	67.67	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	186022	76.22	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	991251	59.17	ng	0.00
78) Terphenyl-d14	12.83	244	697456	59.11	ng	0.00
Target Compounds						
10) Phenol	6.37	94	52109	3.963	ng	Qvalue 98
37) 2-Methylnaphthalene	8.71	142	64996	3.282	ng	100
49) Dimethylphthalate	9.47	163	92605	4.548	ng	# 99
70) Phenanthrene	11.26	178	156747	7.744	ng	97
74) Fluoranthene	12.45	202	208175	10.085	ng	100
77) Pyrene	12.68	202	168168	8.178	ng	99
80) Benzo(a)anthracene	13.87	228	78661	4.804	ng	97
82) Chrysene	13.90	228	75589	4.546	ng	95
87) Benzo(b)fluoranthene	14.90	252	81210m	6.236	ng	
89) Benzo(a)pyrene	15.25	252	46001	3.917	ng	# 80
91) Benzo(g,h,i)perylene	17.14	276	20284	2.159	ng	# 90

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



#1

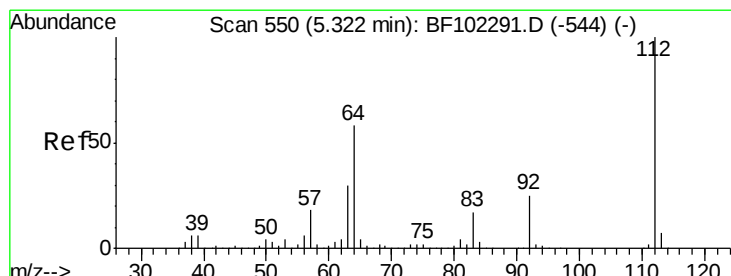
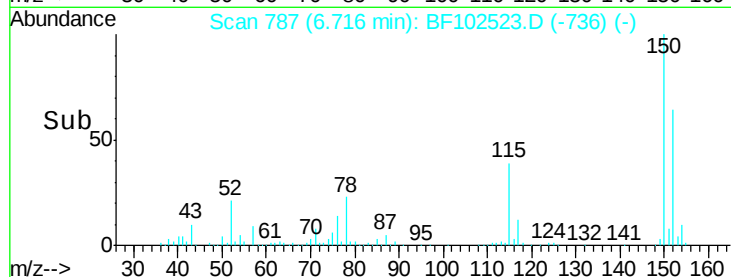
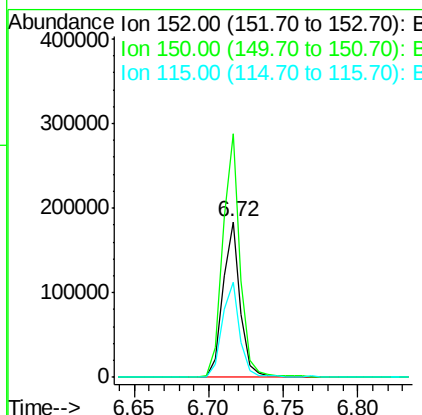
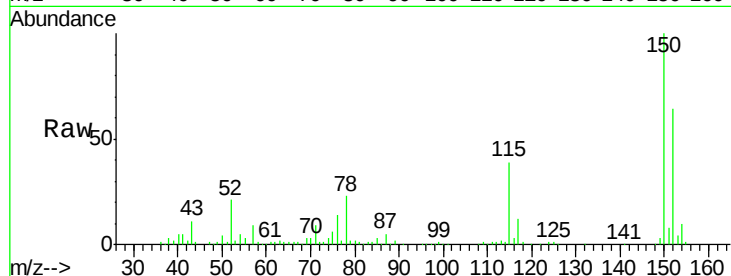
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF102523.D
 Acq: 27 Jan 2018 21:09

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

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	61.5	50.1	75.1

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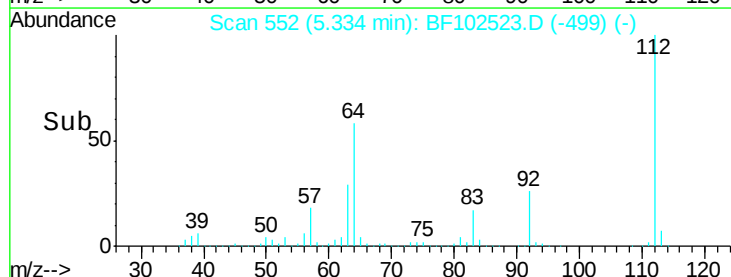
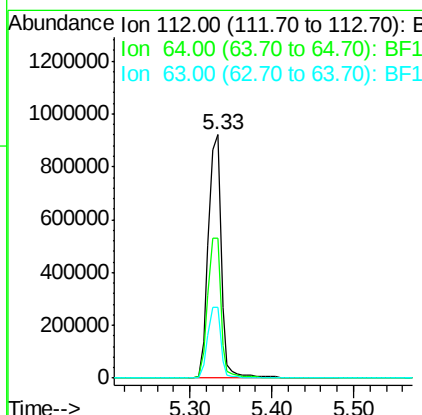
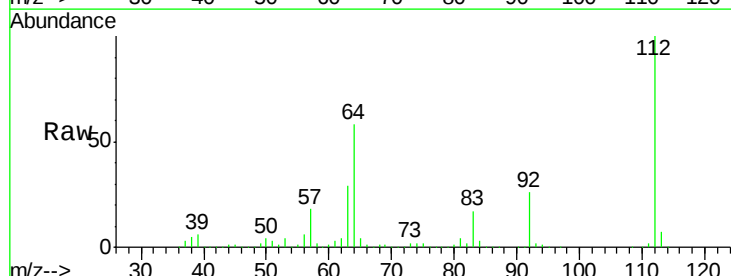
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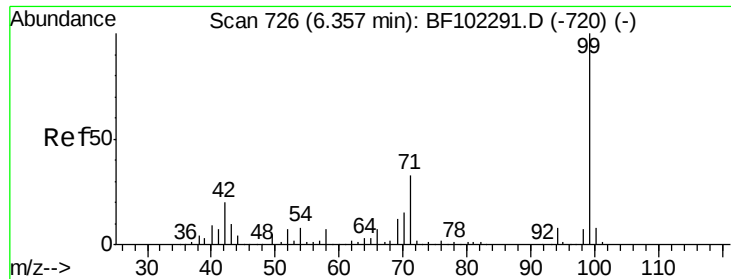


#5

2-Fluorophenol
 Concen: 101.896 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.01 min
 Lab File: BF102523.D
 Acq: 27 Jan 2018 21:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.9	71.9
63	29.3	23.7	35.5





#7

Phenol-d6

Concen: 101.234 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102523.D

Acq: 27 Jan 2018 21:09

Instrument :

BNA_F

ClientSampleId :

AU-06-012518-C

Tgt Ion: 99 Resp: 1219216

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

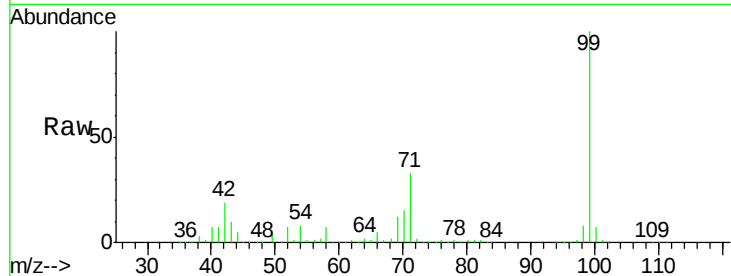
71 33.5 25.4 38.0

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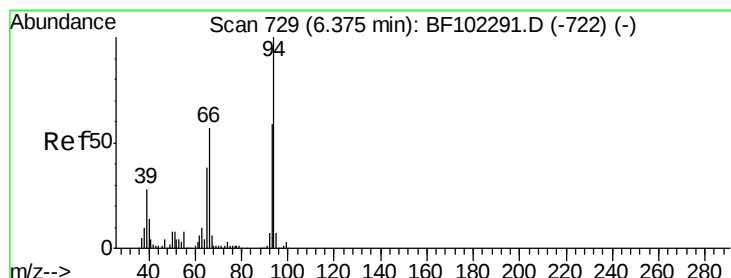
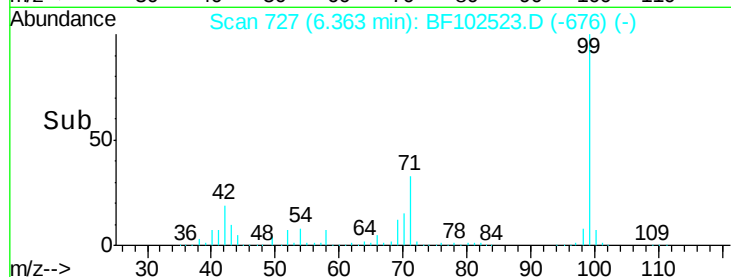
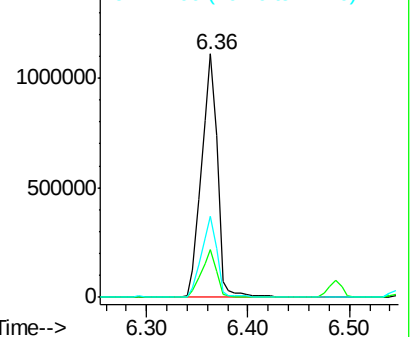
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.963 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF102523.D

Acq: 27 Jan 2018 21:09

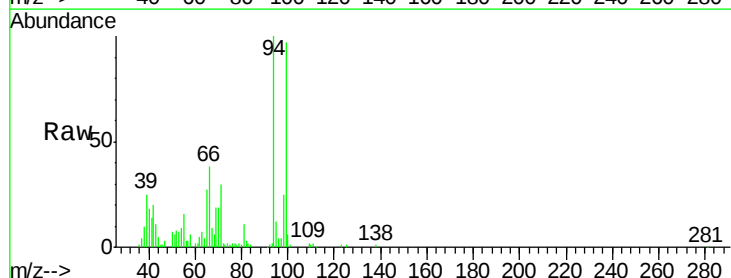
Tgt Ion: 94 Resp: 52109

Ion Ratio Lower Upper

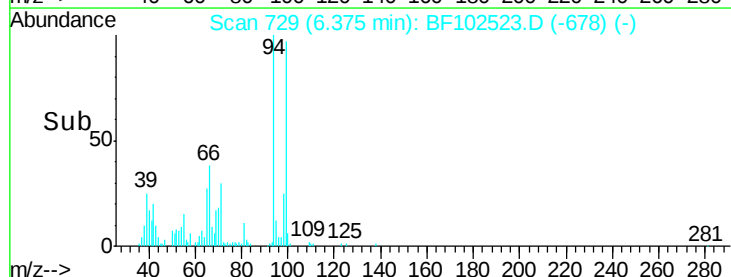
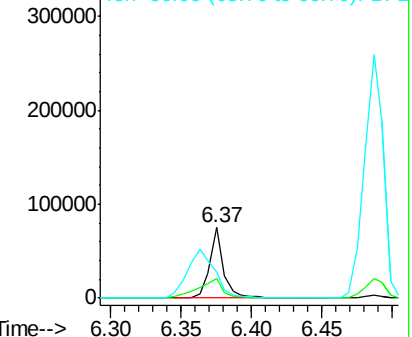
94 100

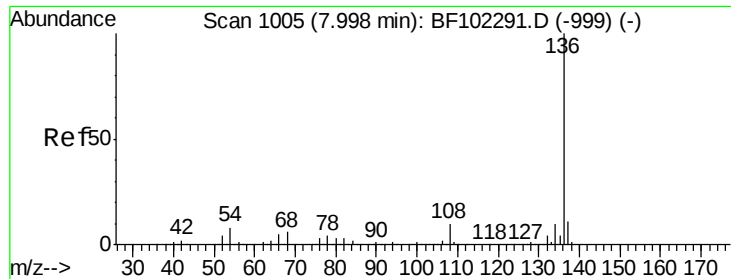
65 27.0 7.9 47.9

66 37.6 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: BF102523.D

Acq: 27 Jan 2018 21:09

Instrument :

BNA_F

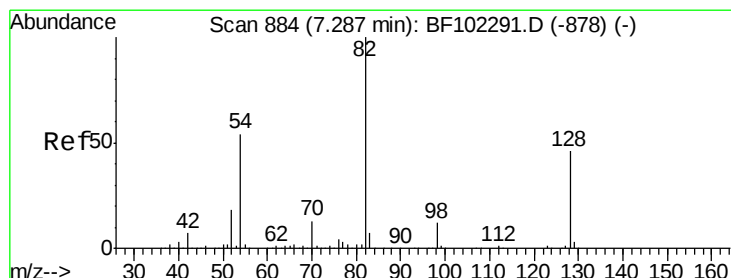
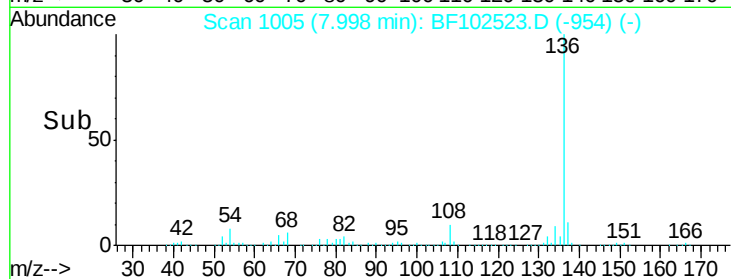
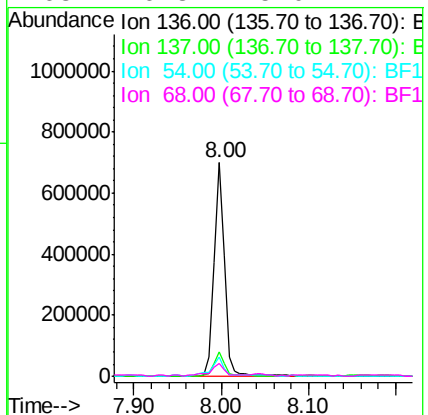
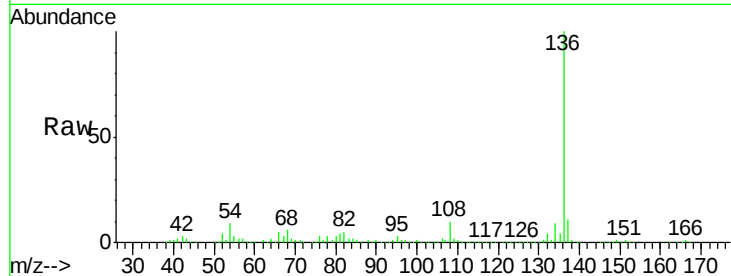
ClientSampleId :

AU-06-012518-C

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	595553		
137	11.4	8.9	13.3	
54	8.7	6.6	9.8	
68	6.3	5.0	7.4	

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#23

Nitrobenzene-d5

Concen: 67.668 ng

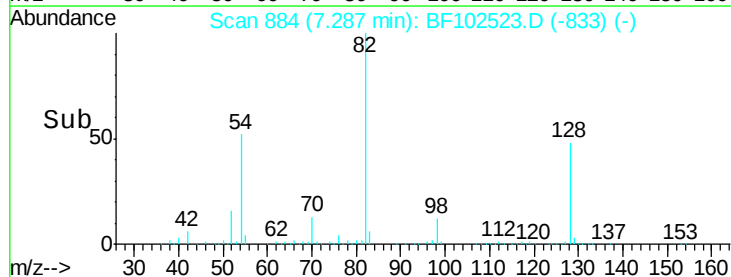
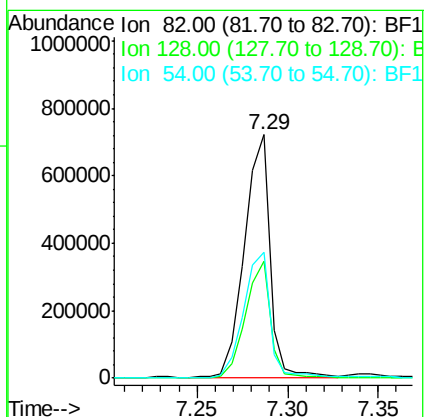
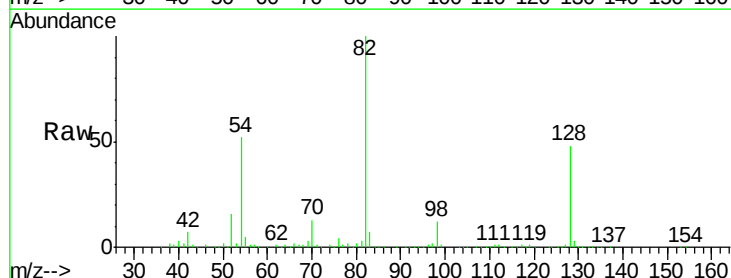
RT: 7.29 min Scan# 884

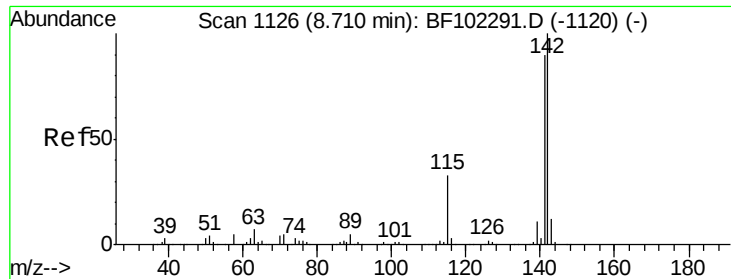
Delta R.T. 0.00 min

Lab File: BF102523.D

Acq: 27 Jan 2018 21:09

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	701270		
128	48.0	36.1	54.1	
54	51.6	41.4	62.2	





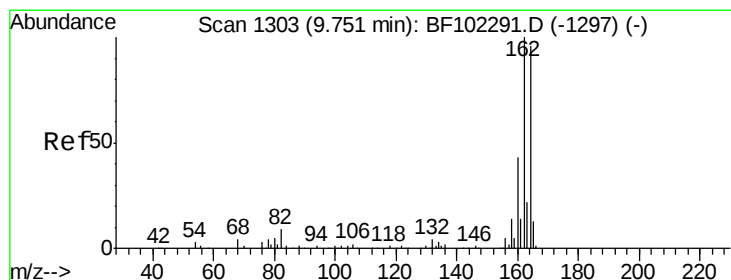
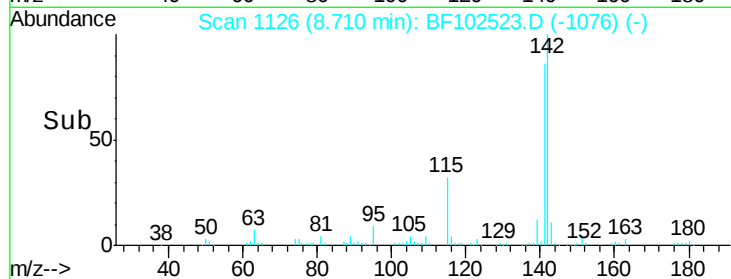
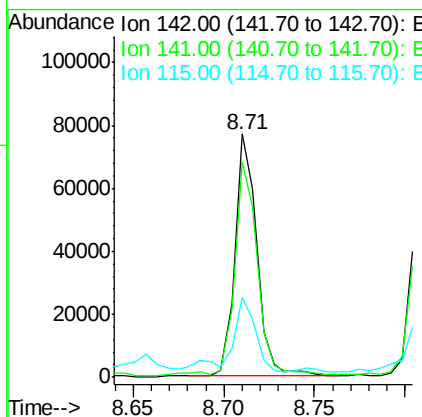
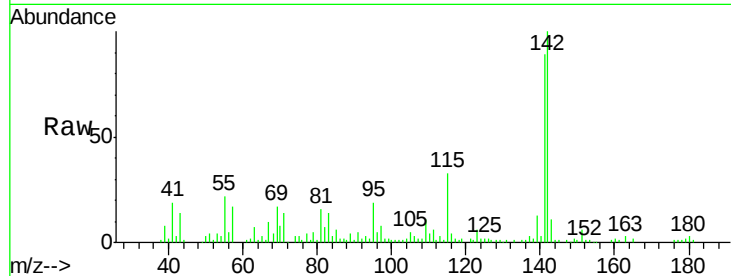
#37
2-Methylnaphthalene
Concen: 3.282 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF102523.D
Acq: 27 Jan 2018 21:09

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

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.8	106.2
115	32.6	26.1	39.1

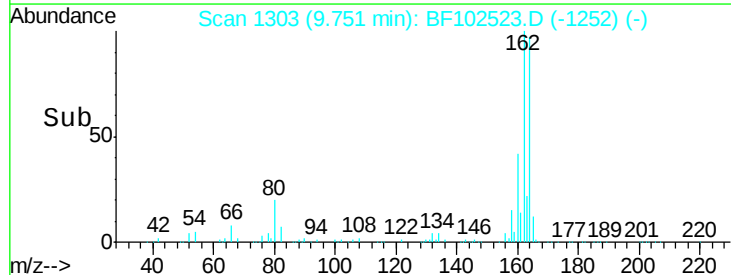
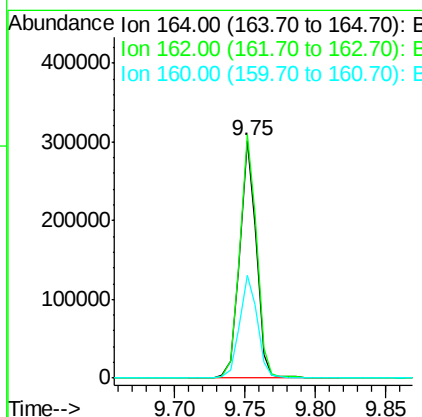
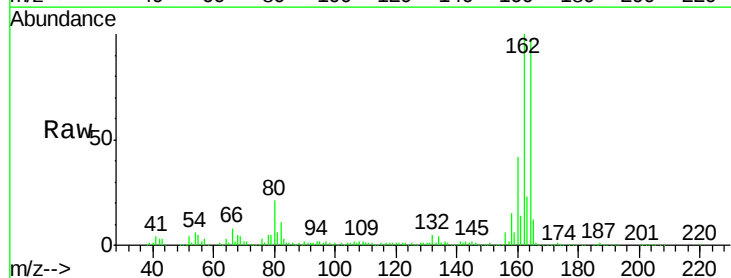
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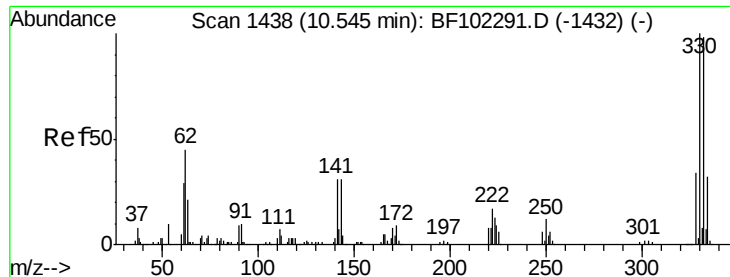
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF102523.D
Acq: 27 Jan 2018 21:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	43.4	38.3	57.5





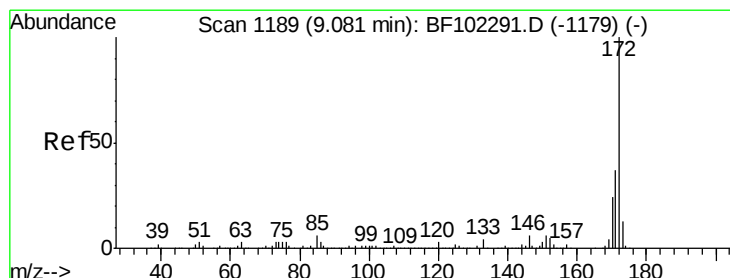
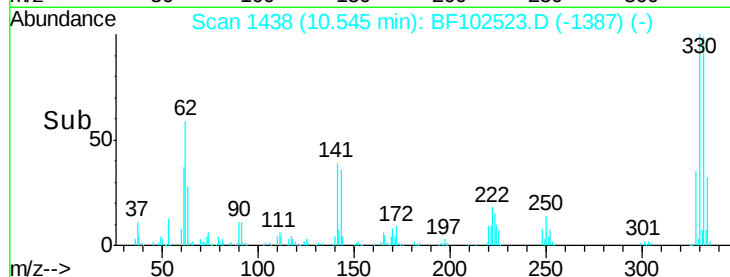
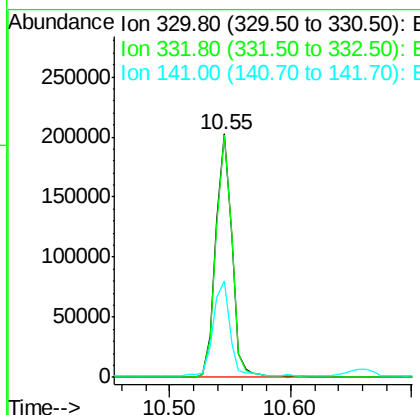
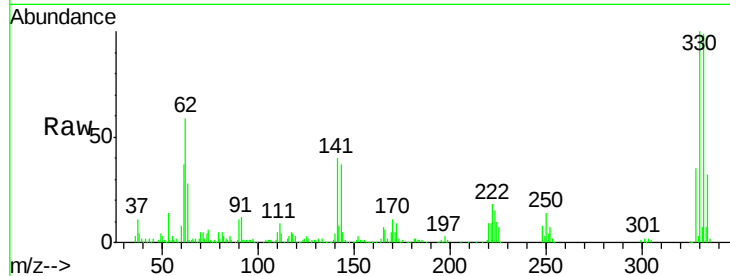
#41
 2,4,6-Tribromophenol
 Concen: 76.218 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF102523.D
 Acq: 27 Jan 2018 21:09

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

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	186022		
332	98.9	77.0	115.6	
141	40.1	29.9	44.9	

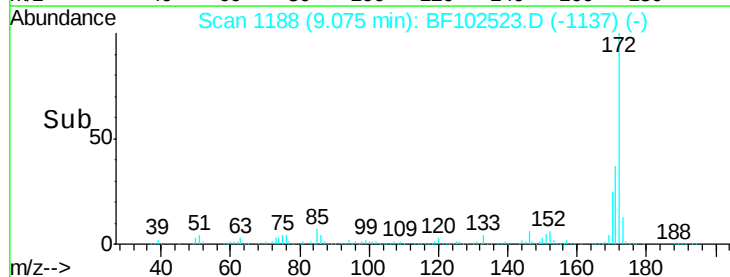
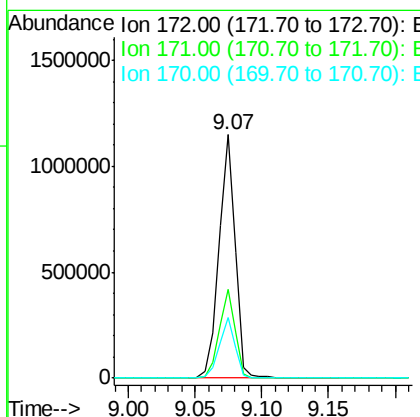
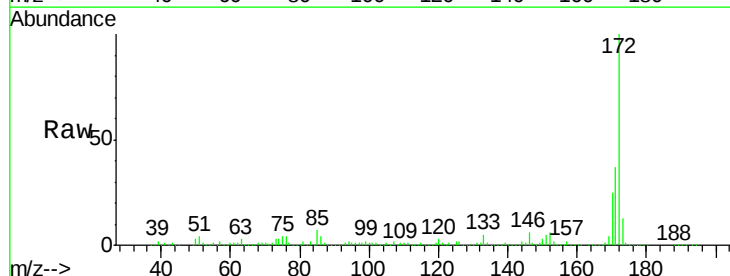
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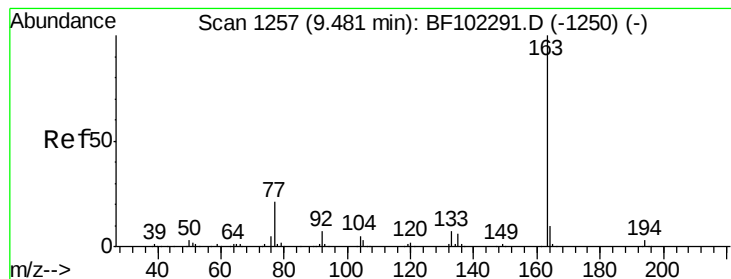
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#44
 2-Fluorobiphenyl
 Concen: 59.171 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF102523.D
 Acq: 27 Jan 2018 21:09

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	991251		
171	36.5	29.7	44.5	
170	24.6	19.6	29.4	





#49

Dimethylphthalate

Concen: 4.548 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF102523.D

Acq: 27 Jan 2018 21:09

Instrument :

BNA_F

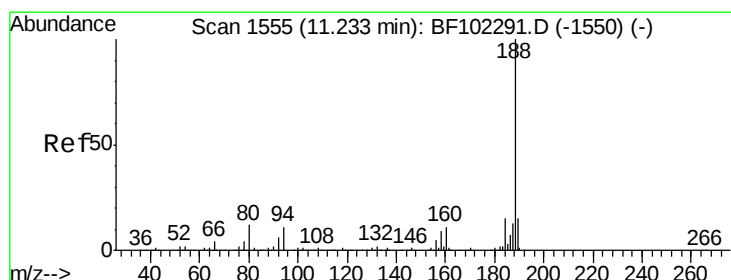
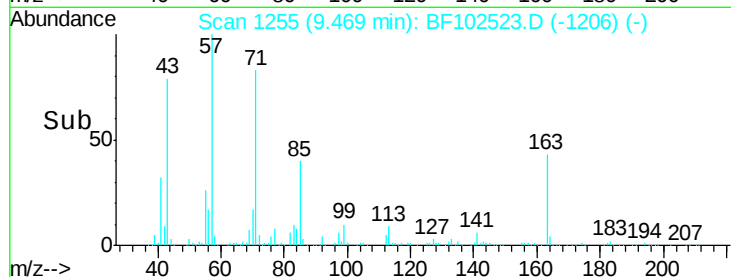
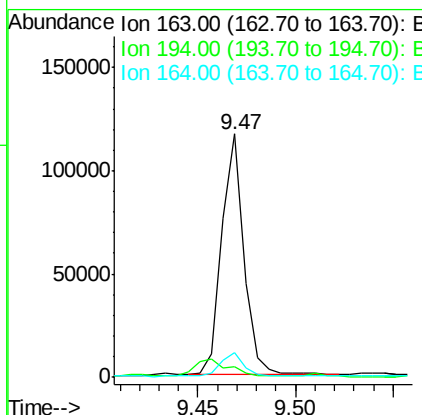
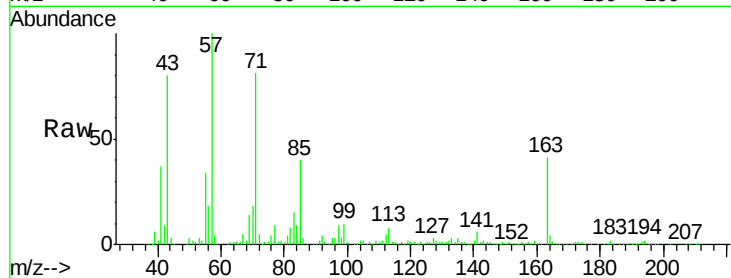
ClientSampleId :

AU-06-012518-C

Tgt Ion:	163	Resp:	92605
Ion Ratio	Lower	Upper	
163	100		
194	4.1	2.7	4.1#
164	10.1	8.2	12.2

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#63

Phenanthrene-d10

Concen: 20.000 ng

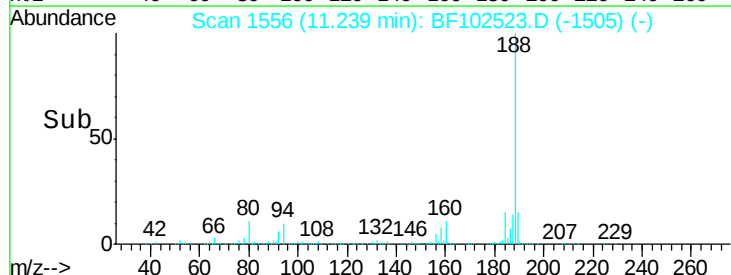
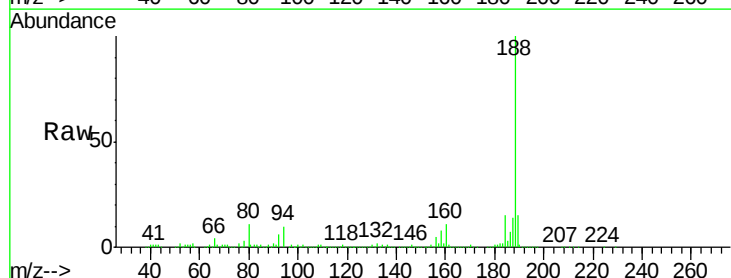
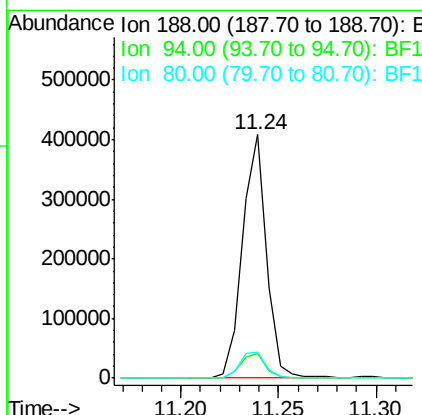
RT: 11.24 min Scan# 1556

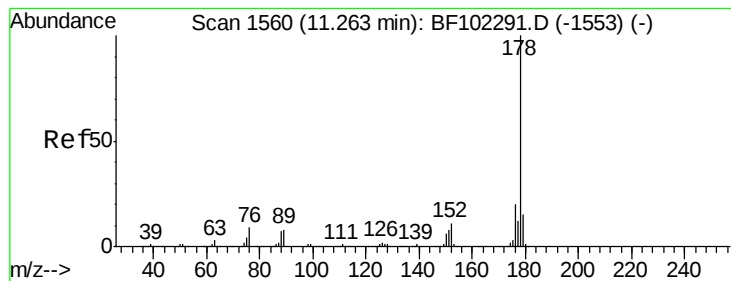
Delta R.T. 0.00 min

Lab File: BF102523.D

Acq: 27 Jan 2018 21:09

Tgt Ion:	188	Resp:	347375
Ion Ratio	Lower	Upper	
188	100		
94	10.2	8.5	12.7
80	10.6	9.2	13.8





#70

Phenanthrene

Concen: 7.744 ng

RT: 11.26 min Scan# 1560

Delta R.T. 0.00 min

Lab File: BF102523.D

Acq: 27 Jan 2018 21:09

Instrument :

BNA_F

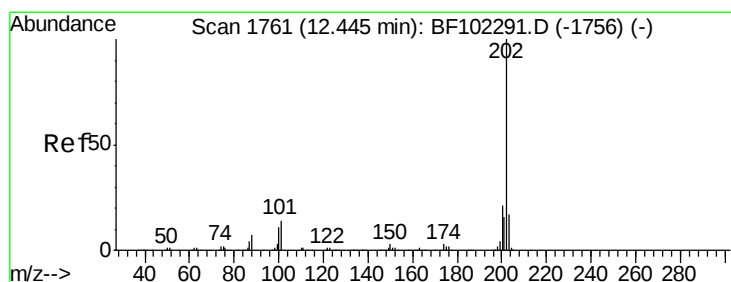
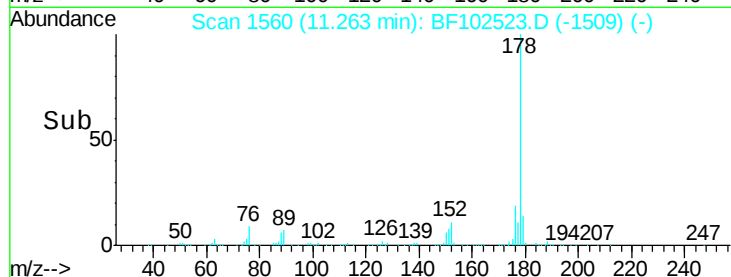
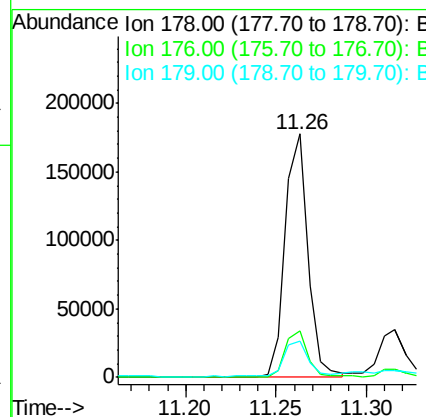
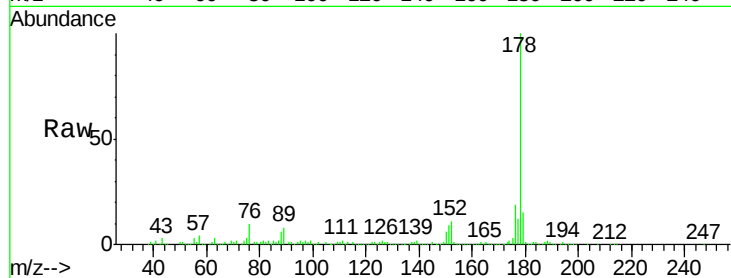
ClientSampleId :

AU-06-012518-C

Tgt Ion:	178	Resp:	156747
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.8	23.8
179	14.8	13.0	19.6

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#74

Fluoranthene

Concen: 10.085 ng

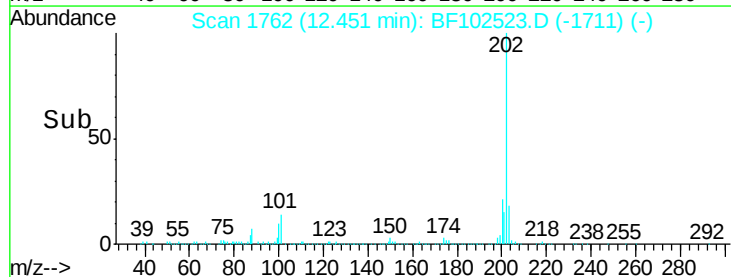
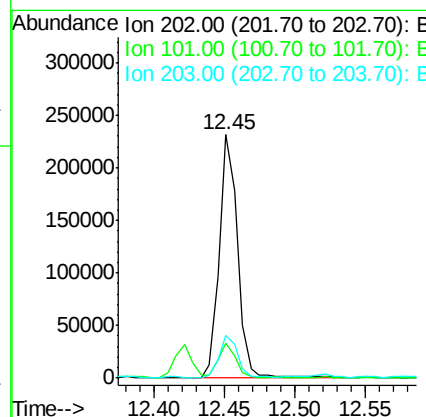
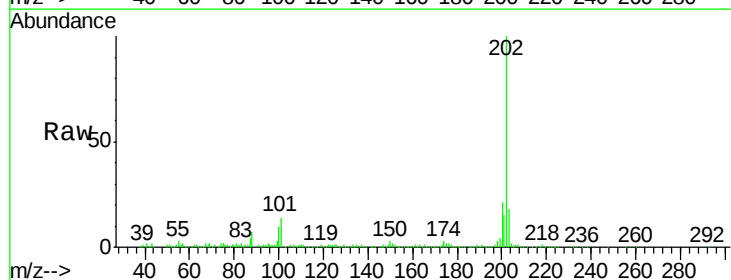
RT: 12.45 min Scan# 1762

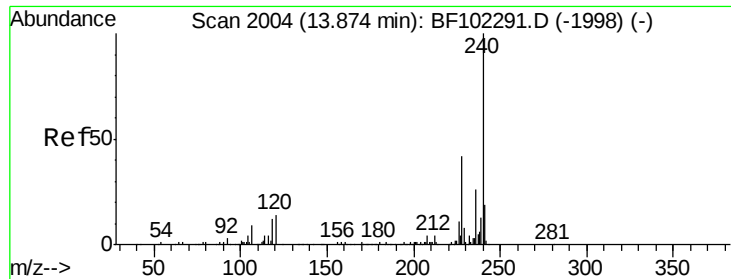
Delta R.T. 0.00 min

Lab File: BF102523.D

Acq: 27 Jan 2018 21:09

Tgt Ion:	202	Resp:	208175
Ion Ratio	Lower	Upper	
202	100		
101	14.1	0.0	34.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF102523.D

Acq: 27 Jan 2018 21:09

Instrument :

BNA_F

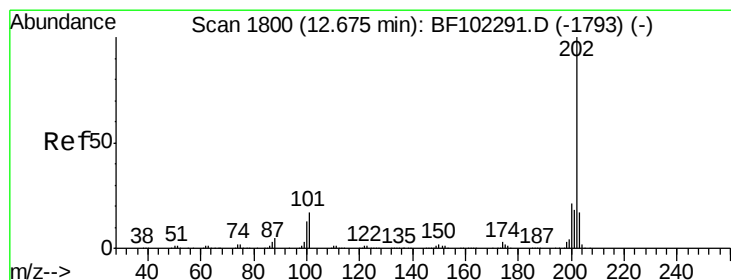
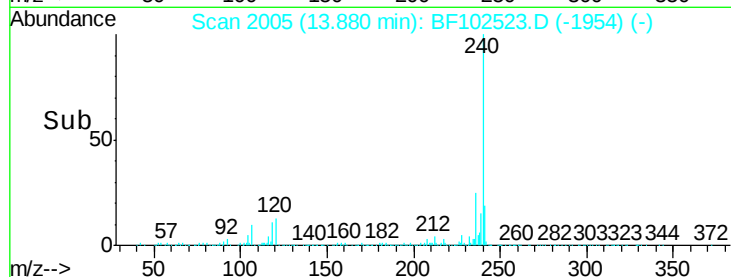
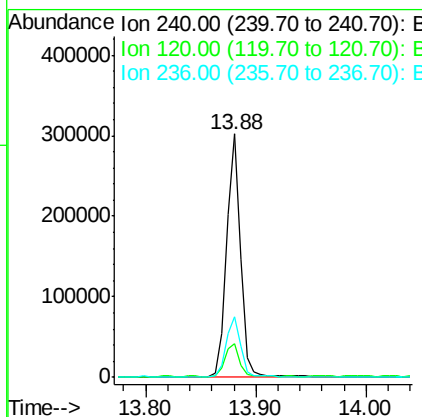
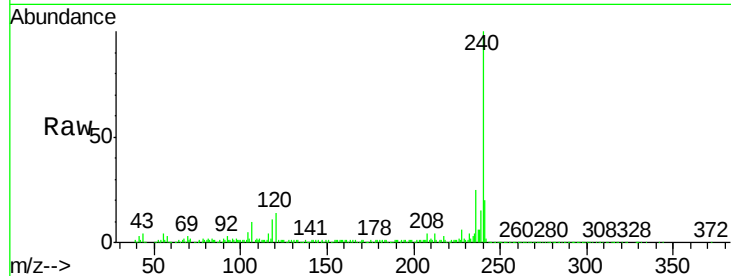
ClientSampleId :

AU-06-012518-C

Tgt Ion:	240	Resp:	265978
Ion Ratio	Lower	Upper	
240	100		
120	13.9	9.5	14.3
236	25.0	20.7	31.1

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#77

Pyrene

Concen: 8.178 ng

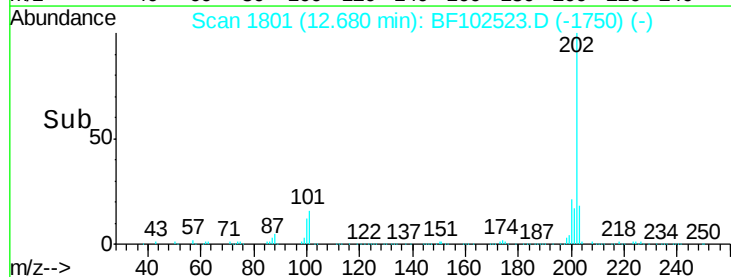
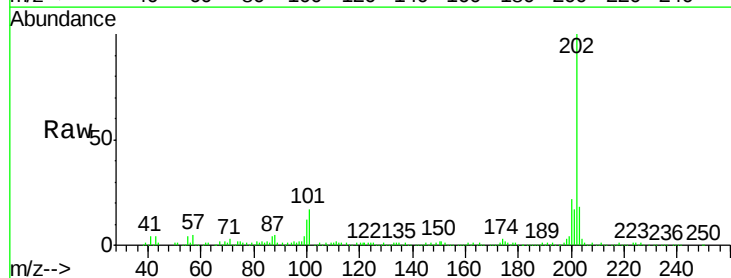
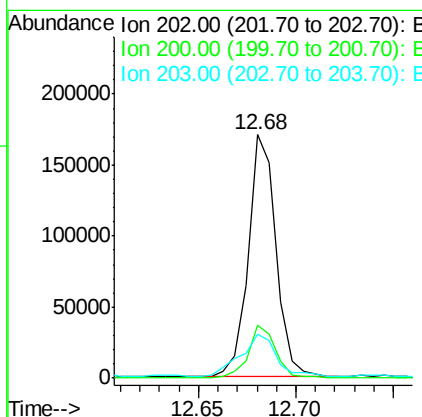
RT: 12.68 min Scan# 1801

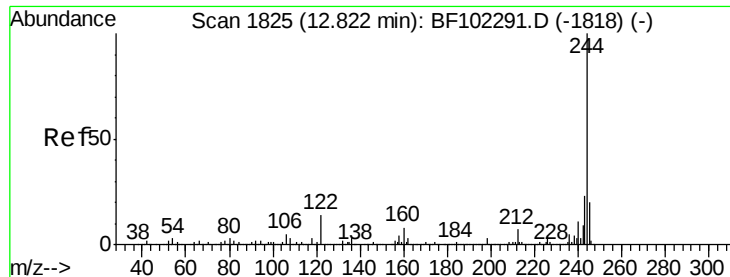
Delta R.T. 0.00 min

Lab File: BF102523.D

Acq: 27 Jan 2018 21:09

Tgt Ion:	202	Resp:	168168
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.4	26.2
203	18.2	14.3	21.5





#78

Terphenyl-d14

Concen: 59.115 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BF102523.D

Acq: 27 Jan 2018 21:09

Instrument :

BNA_F

ClientSampleId :

AU-06-012518-C

Tgt Ion:244 Resp: 697456

Ion Ratio Lower Upper

244 100

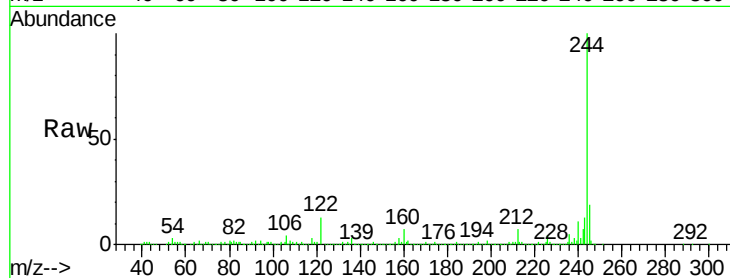
212 6.6 5.4 8.0

122 13.2 11.0 16.4

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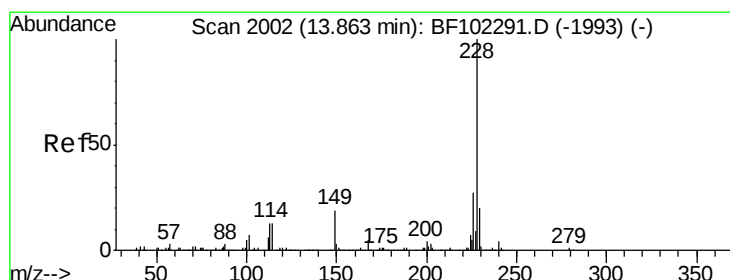
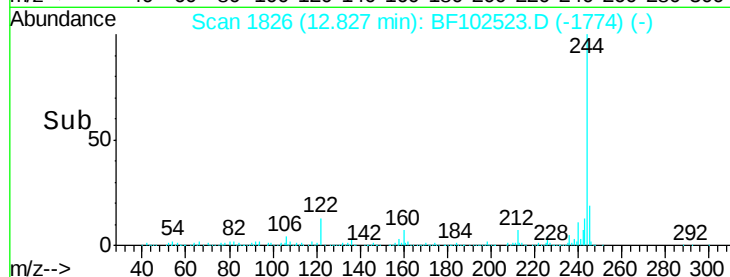
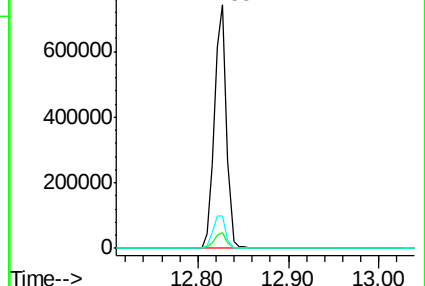
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 4.804 ng

RT: 13.87 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BF102523.D

Acq: 27 Jan 2018 21:09

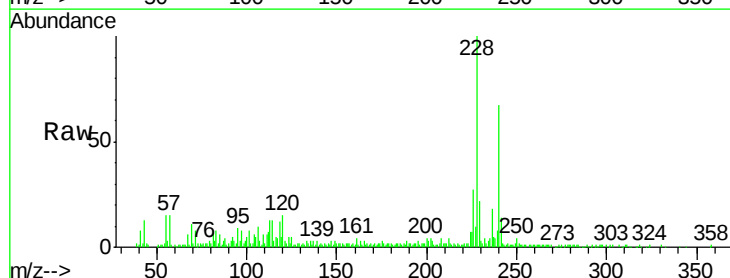
Tgt Ion:228 Resp: 78661

Ion Ratio Lower Upper

228 100

226 27.3 22.6 33.8

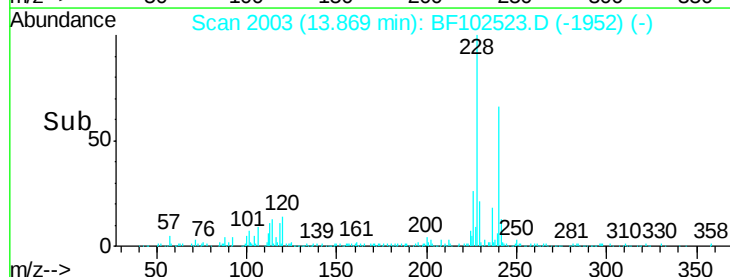
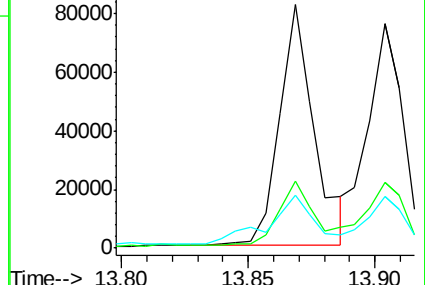
229 21.6 15.8 23.6

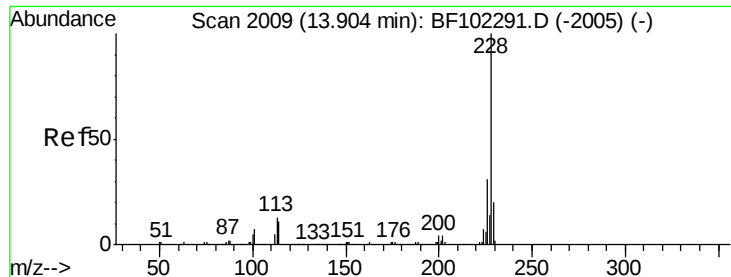


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 4.546 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF102523.D

Acq: 27 Jan 2018 21:09

Instrument :

BNA_F

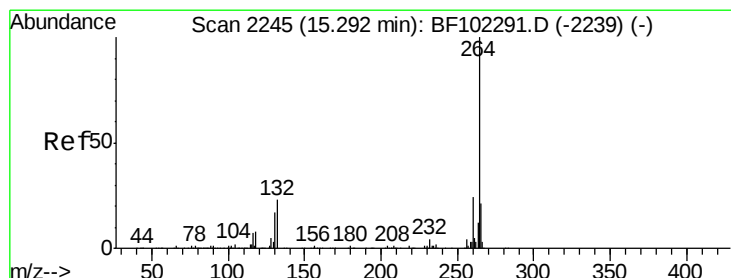
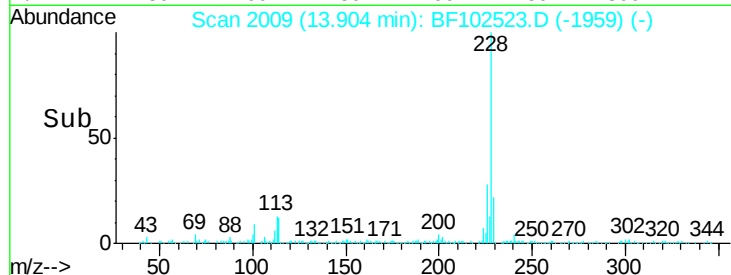
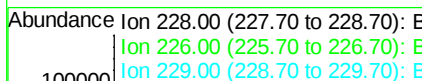
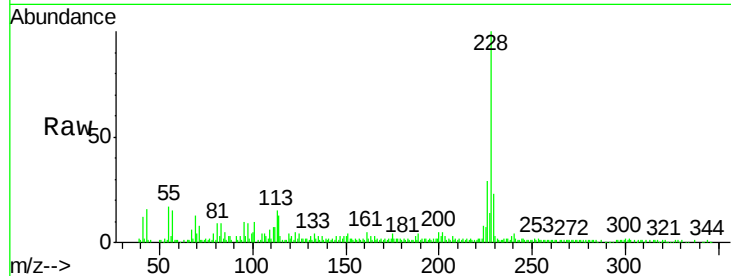
ClientSampleId :

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Tgt Ion:	228	Resp:	75589
Ion Ratio	Lower	Upper	
228	100		
226	29.1	25.0	37.6
229	23.1	16.2	24.4

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#86

Perylene-d12

Concen: 20.000 ng

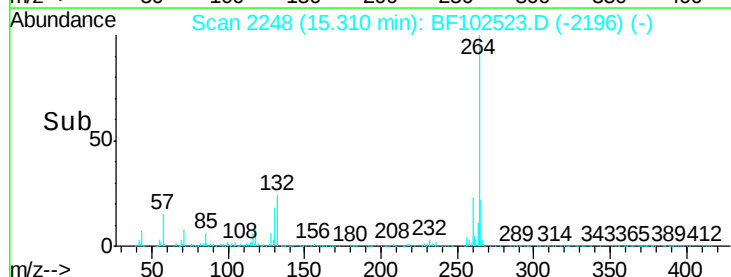
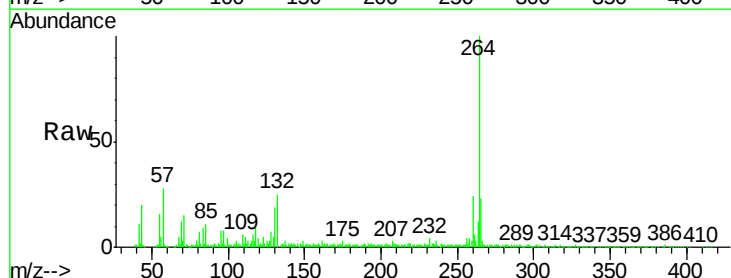
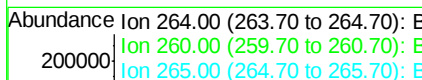
RT: 15.31 min Scan# 2248

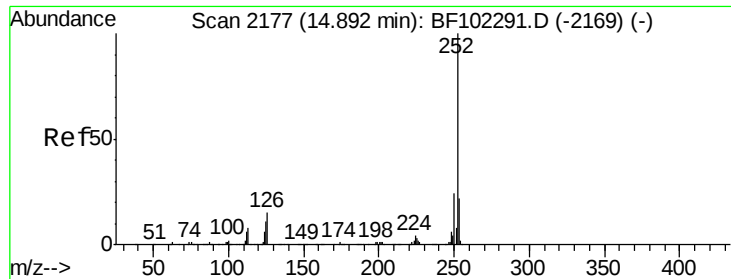
Delta R.T. 0.01 min

Lab File: BF102523.D

Acq: 27 Jan 2018 21:09

Tgt Ion:	264	Resp:	200926
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.2	28.8
265	23.1	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 6.236 ng m

RT: 14.90 min Scan# 2178

Delta R.T. 0.00 min

Lab File: BF102523.D

Acq: 27 Jan 2018 21:09

Instrument :

BNA_F

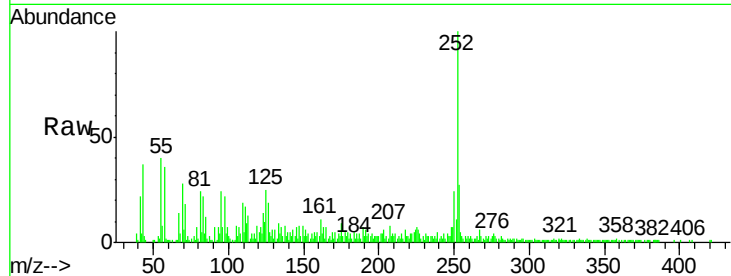
ClientSampleId :

AU-06-012518-C

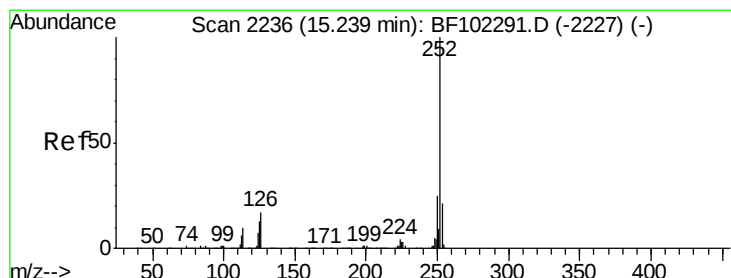
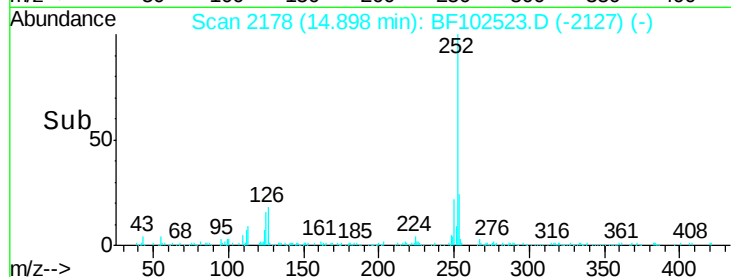
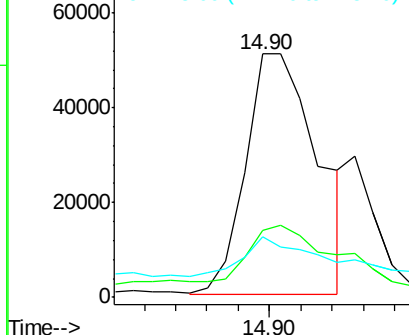
Tgt Ion:	252	Resp:	81210
Ion Ratio	Lower	Upper	
252	100		
253	27.4	17.0	25.6#
125	24.8	9.0	13.6#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 3.917 ng

RT: 15.25 min Scan# 2238

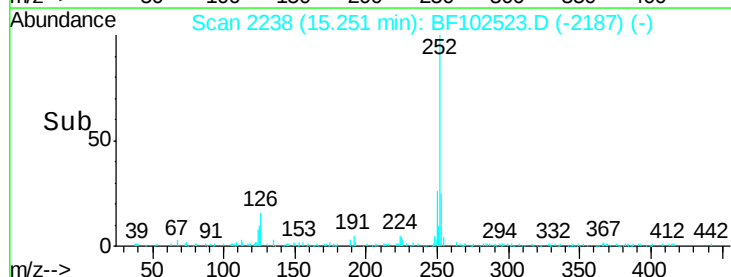
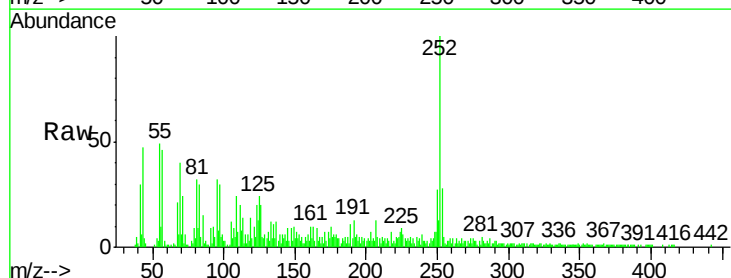
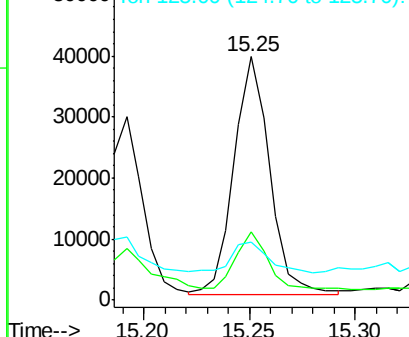
Delta R.T. 0.00 min

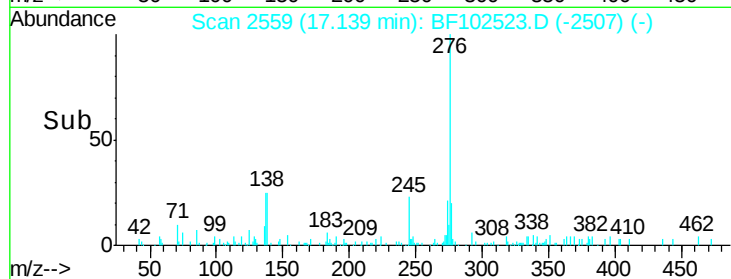
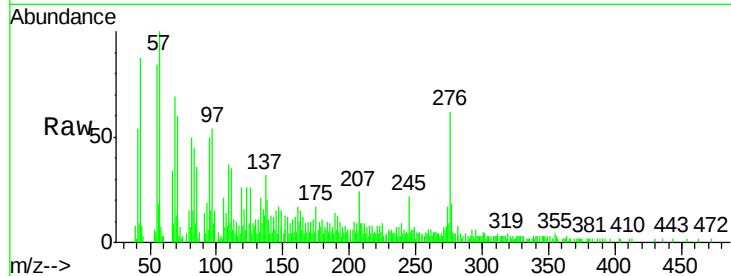
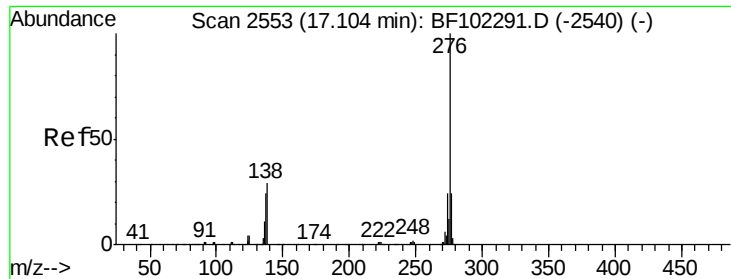
Lab File: BF102523.D

Acq: 27 Jan 2018 21:09

Tgt Ion:	252	Resp:	46001
Ion Ratio	Lower	Upper	
252	100		
253	28.0	17.1	25.7#
125	23.9	9.8	14.6#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Benzo(g,h,i)perylene

Concen: 2.159 ng

RT: 17.14 min Scan# 2559

Delta R.T. 0.01 min

Lab File: BF102523.D

Acq: 27 Jan 2018 21:09

Instrument :

BNA_F

ClientSampleId :

AU-06-012518-C

Tgt Ion: 276 Resp: 20284

Ion Ratio Lower Upper

276 100

277 28.5 17.9 26.9#

138 31.6 21.8 32.8

Manual Integrations

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