

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF012318\
 Data File : BF102353.D
 Acq On : 23 Jan 2018 20:24
 Operator : SJ/JU
 Sample : J1015-16
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-012218-C

Manual Integrations
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 1/24/2018 2:47:01 PM

Quant Time: Jan 24 02:32:04 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	134190	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	567757	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	256725	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	441073	20.00	ng	0.00
75) Chrysene-d12	13.87	240	280206	20.00	ng	0.00
86) Perylene-d12	15.30	264	257535	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	868284	98.11	ng	0.00
7) Phenol-d6	6.36	99	1050136	98.42	ng	0.00
23) Nitrobenzene-d5	7.28	82	652185	66.01	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	216959	85.29	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	987410	56.55	ng	0.00
78) Terphenyl-d14	12.82	244	786603	63.29	ng	0.00
Target Compounds						
10) Phenol	6.37	94	53307	4.576	ng	Qvalue 97
49) Dimethylphthalate	9.47	163	152514	7.187	ng	100
70) Phenanthrene	11.26	178	110468	4.298	ng	98
74) Fluoranthene	12.45	202	192040	7.327	ng	97
77) Pyrene	12.67	202	183336	8.462	ng	98
80) Benzo(a)anthracene	13.86	228	68700	3.982	ng	98
82) Chrysene	13.89	228	75291	4.298	ng	97
85) Indeno(1,2,3-cd)pyrene	16.67	276	35824	2.476	ng	# 94
87) Benzo(b)fluoranthene	14.89	252	83058m	4.976	ng	
89) Benzo(a)pyrene	15.23	252	56912	3.780	ng	# 92
91) Benzo(g,h,i)perylene	17.10	276	36044	2.993	ng	99

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

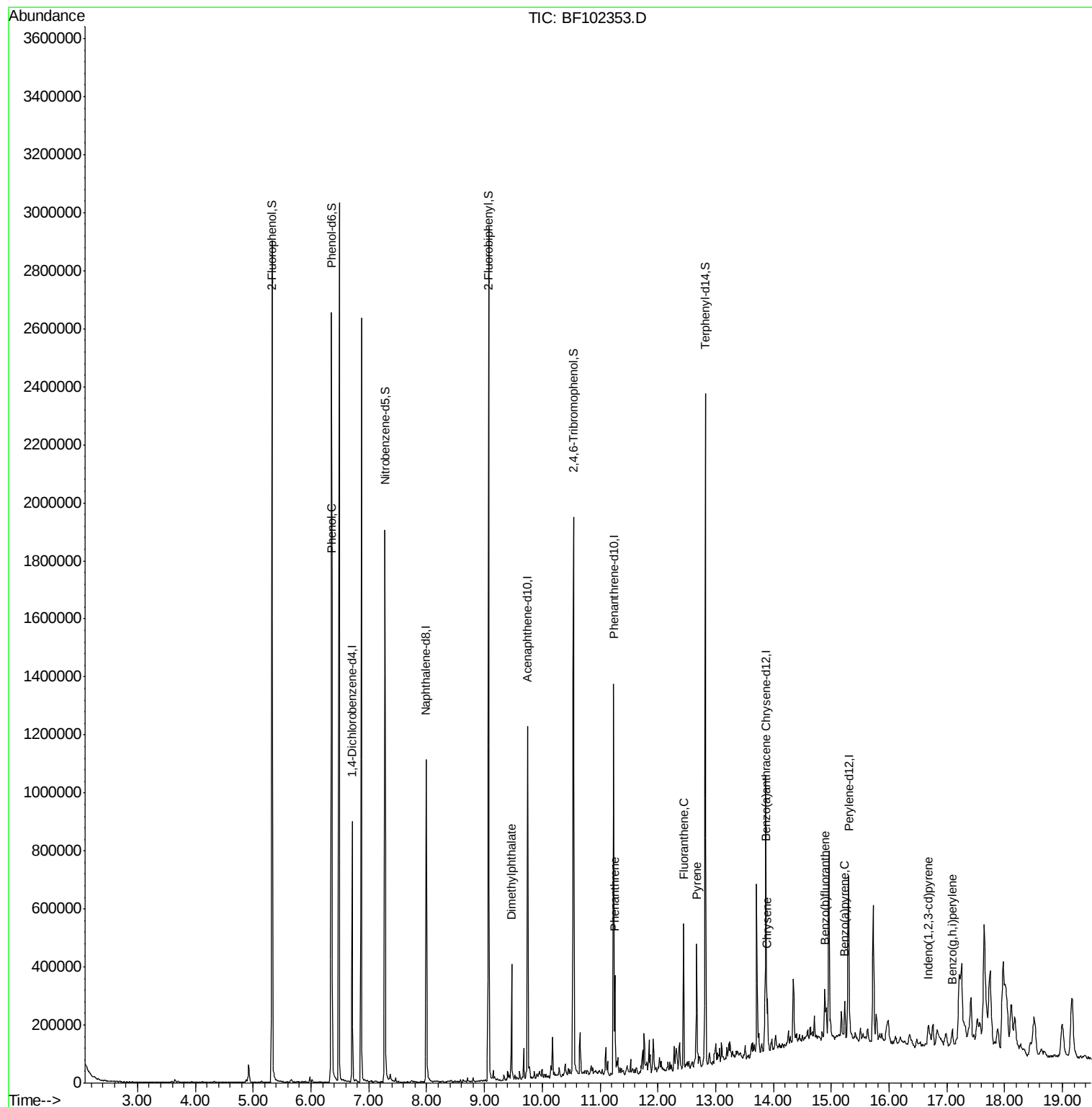
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102353.D
Acq On : 23 Jan 2018 20:24
Operator : SJ/JU
Sample : J1015-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

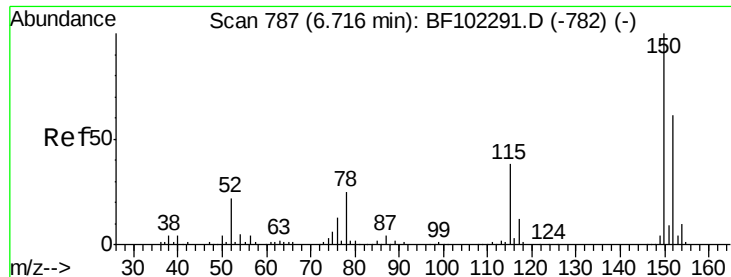
Instrument :
BNA_F
ClientSampleId :
CL-01-012218-C

Manual Integrations
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Quant Time: Jan 24 02:32:04 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

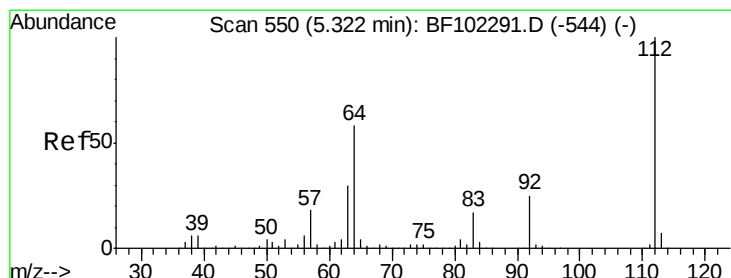
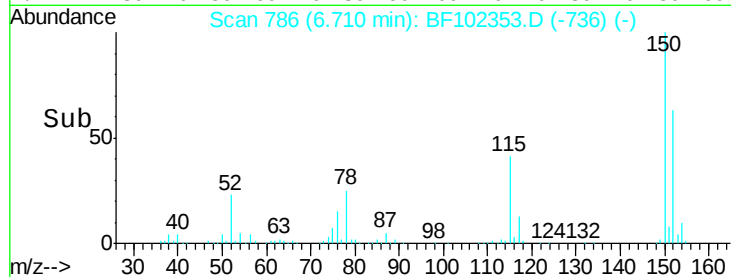
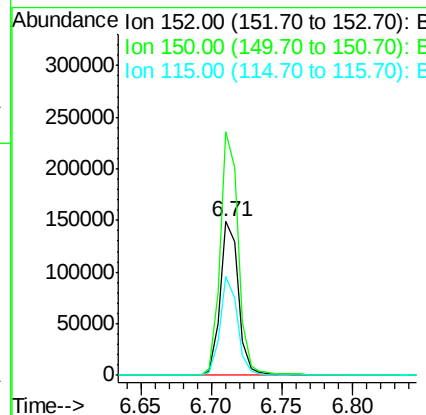
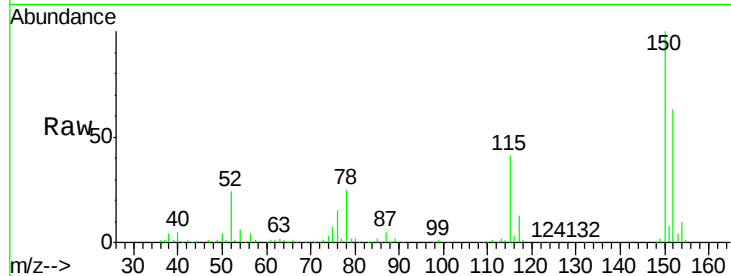
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102353.D
Acq: 23 Jan 2018 20:24

Instrument :
BNA_F
ClientSampleId :
CL-01-012218-C

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	186.8
115	64.5	50.1	75.1

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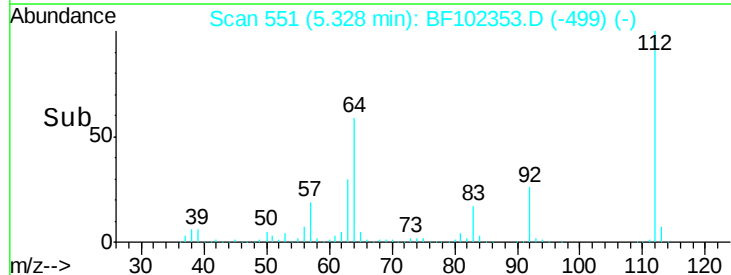
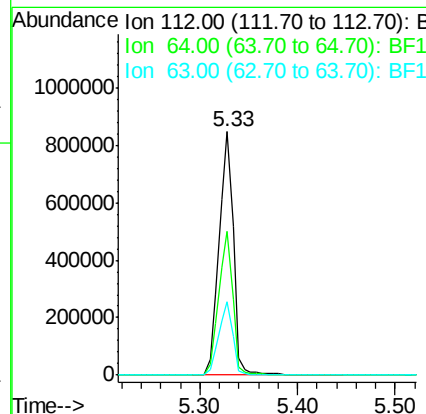
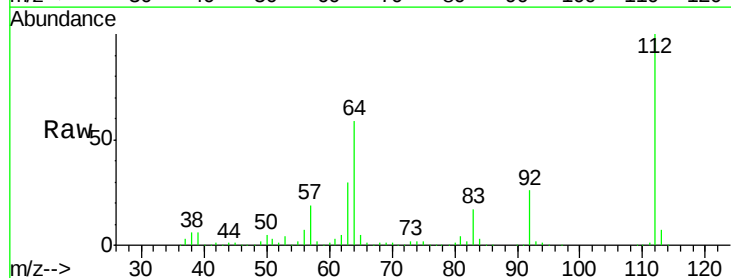
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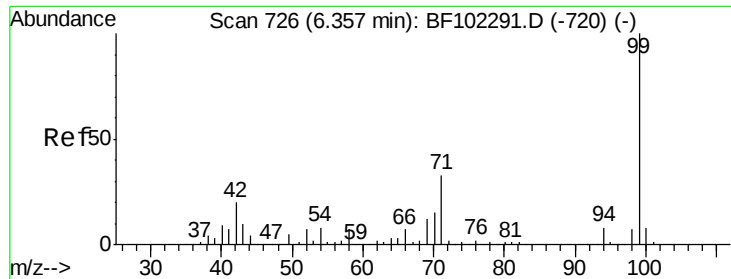


#5

2-Fluorophenol
Concen: 98.110 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102353.D
Acq: 23 Jan 2018 20:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.9	71.9
63	30.4	23.7	35.5





#7

Phenol-d6

Concen: 98.424 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF102353.D

Acq: 23 Jan 2018 20:24

Instrument :

BNA_F

ClientSampleId :

CL-01-012218-C

Tgt Ion: 99 Resp: 1050136

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

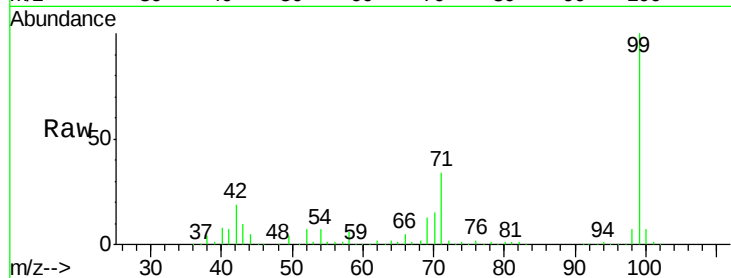
71 34.5 25.4 38.0

Manual Integrations

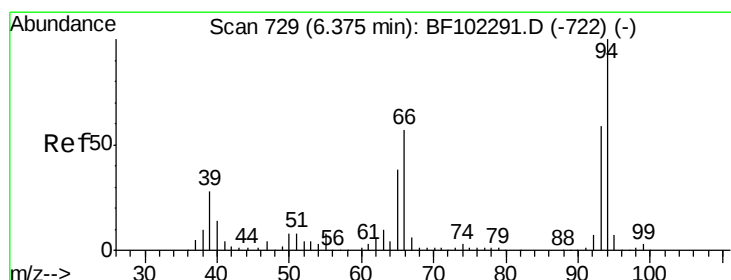
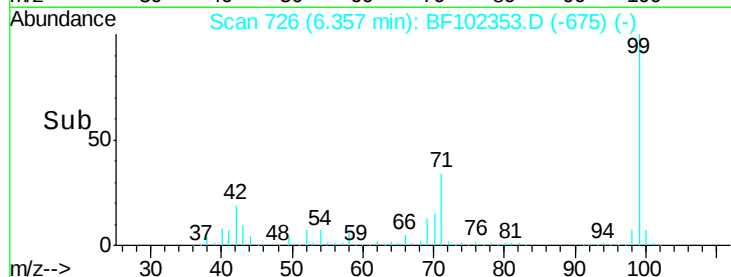
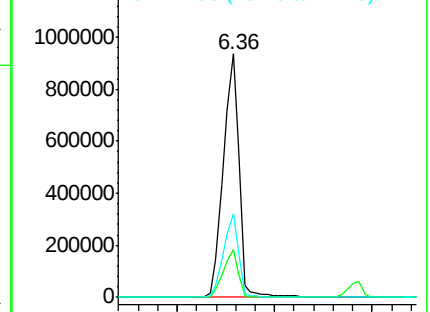
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.576 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102353.D

Acq: 23 Jan 2018 20:24

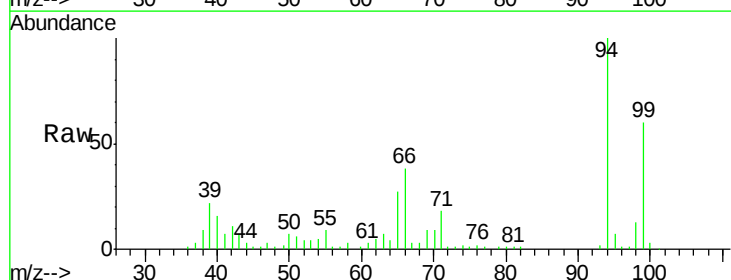
Tgt Ion: 94 Resp: 53307

Ion Ratio Lower Upper

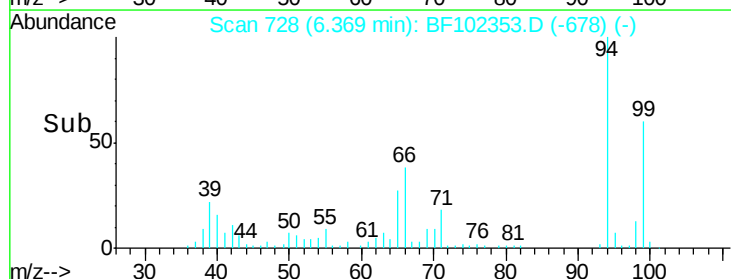
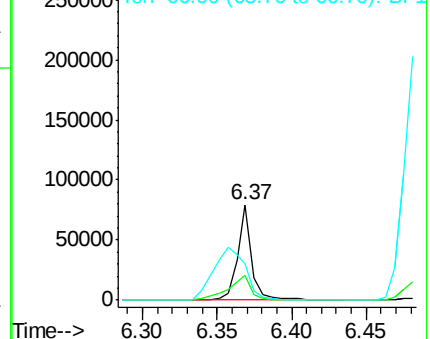
94 100

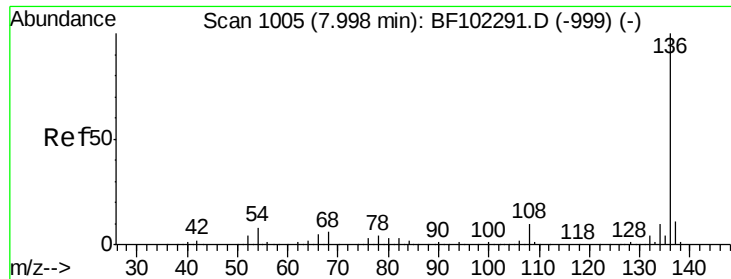
65 26.6 7.9 47.9

66 37.8 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





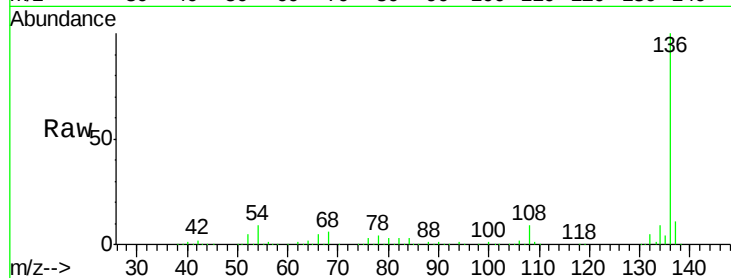
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF102353.D
Acq: 23 Jan 2018 20:24

Instrument :
BNA_F
ClientSampleId :
CL-01-012218-C

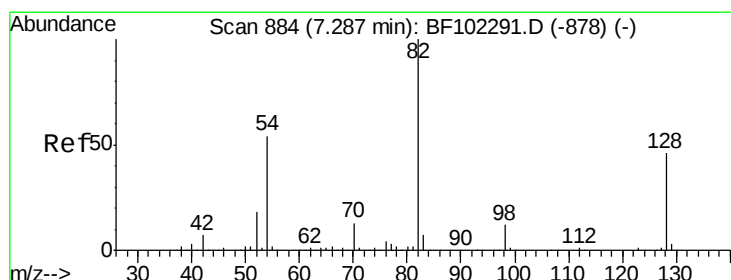
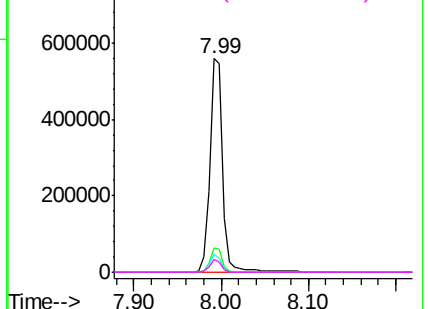
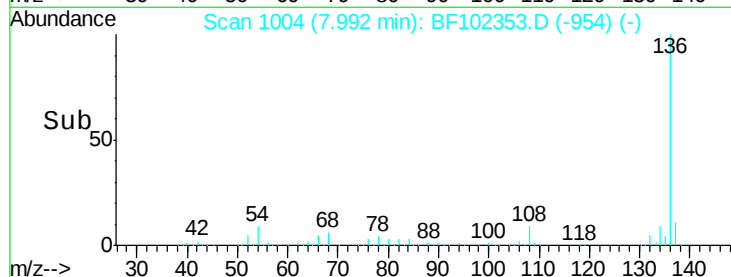
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		567757		
137	11.4	8.9	13.3		
54	8.6	6.6	9.8		
68	5.9	5.0	7.4		

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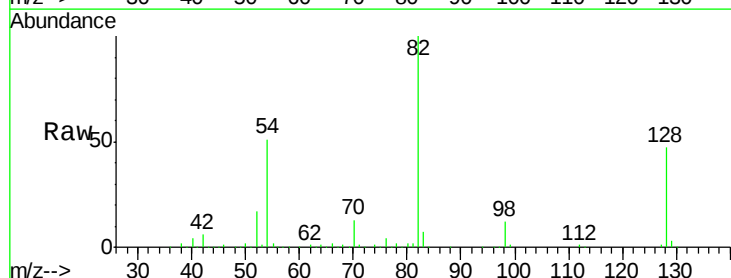


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

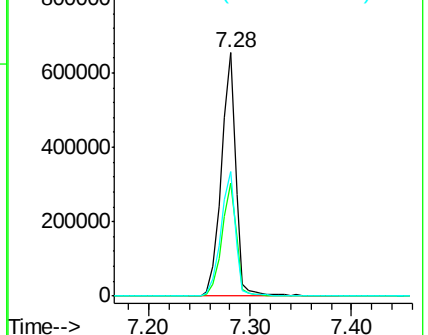
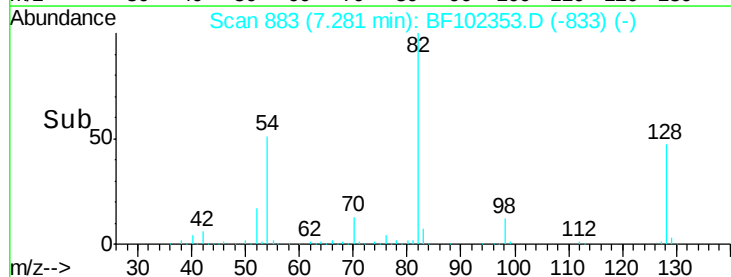


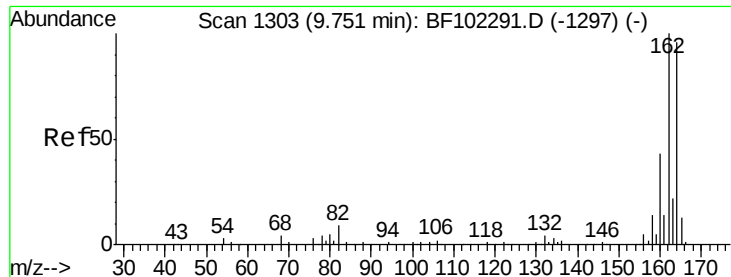
#23
Nitrobenzene-d5
Concen: 66.012 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102353.D
Acq: 23 Jan 2018 20:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		652185		
128	46.6	36.1	54.1		
54	51.3	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





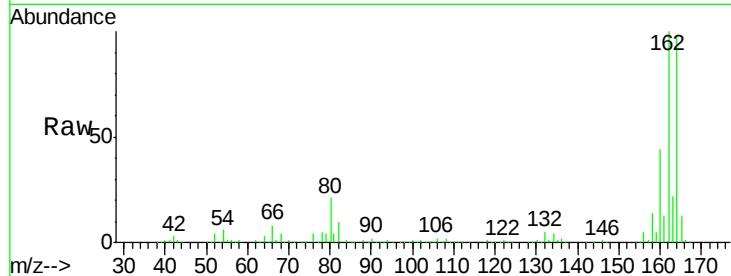
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF102353.D
Acq: 23 Jan 2018 20:24

Instrument :
BNA_F
ClientSampleId :
CL-01-012218-C

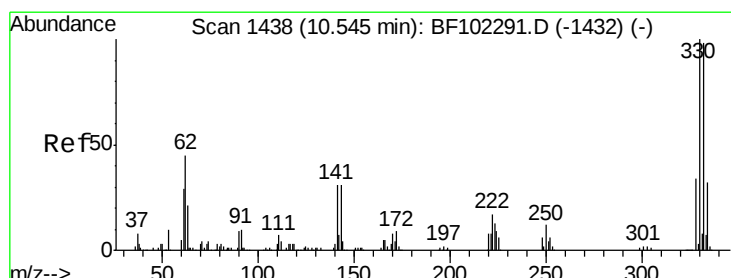
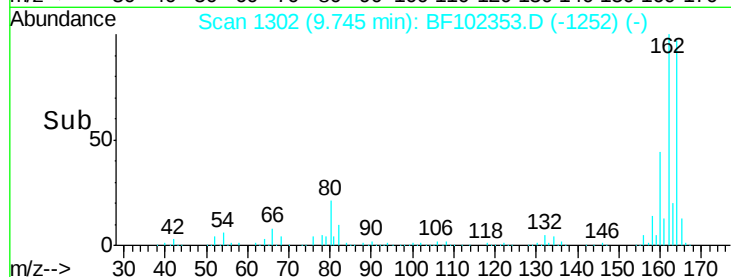
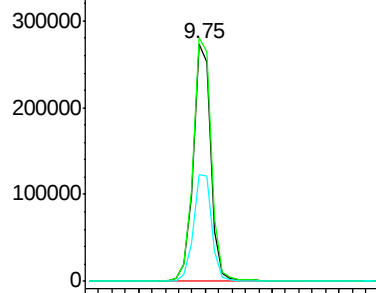
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	256725		
162	102.6	86.1	129.1	
160	44.7	38.3	57.5	

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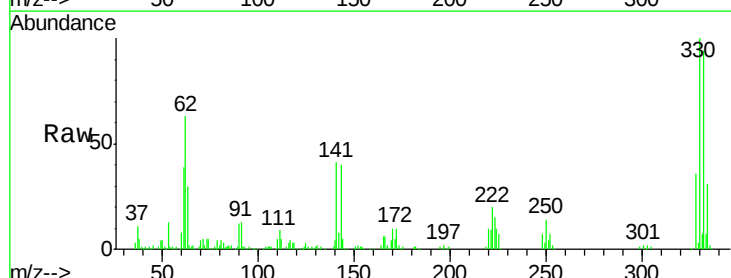


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

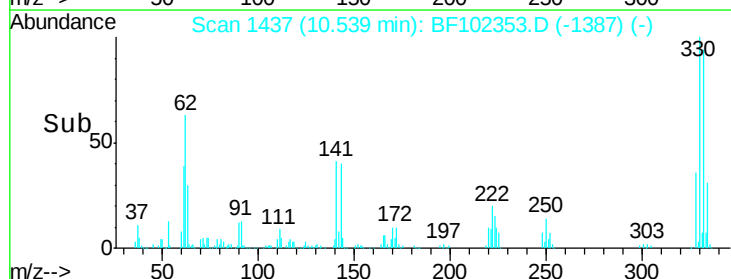
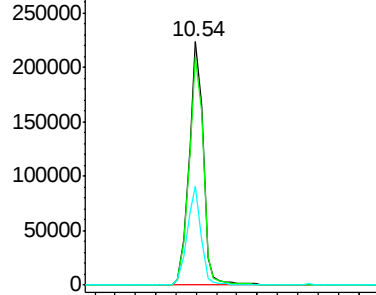


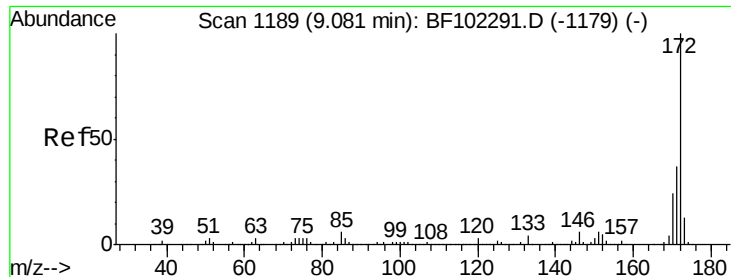
#41
2,4,6-Tribromophenol
Concen: 85.290 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF102353.D
Acq: 23 Jan 2018 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	216959		
332	95.6	77.0	115.6	
141	40.2	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





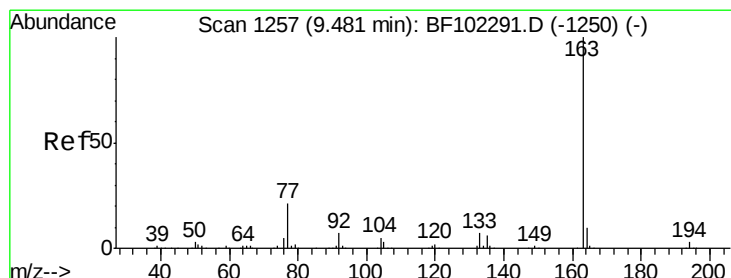
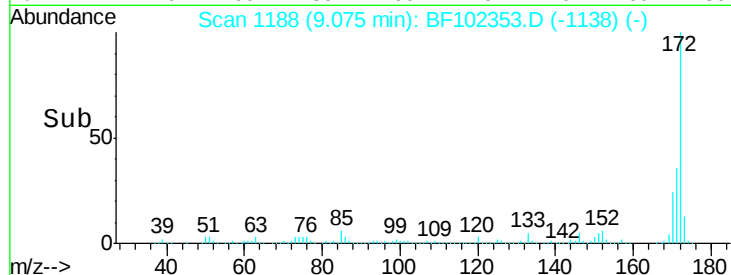
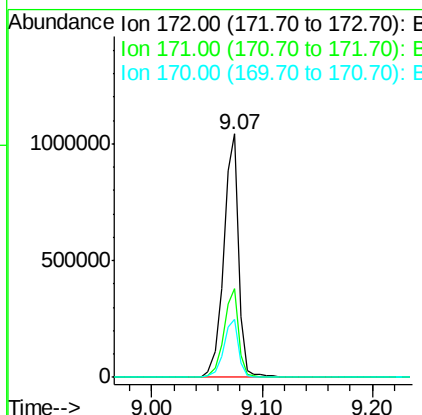
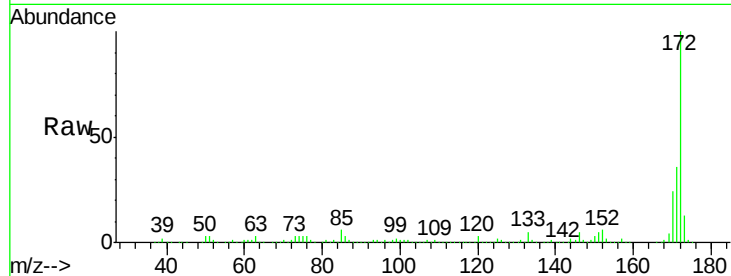
#44
 2-Fluorobiphenyl
 Concen: 56.552 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102353.D
 Acq: 23 Jan 2018 20:24

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-012218-C

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	987410		
171	36.3	29.7	44.5	
170	23.6	19.6	29.4	

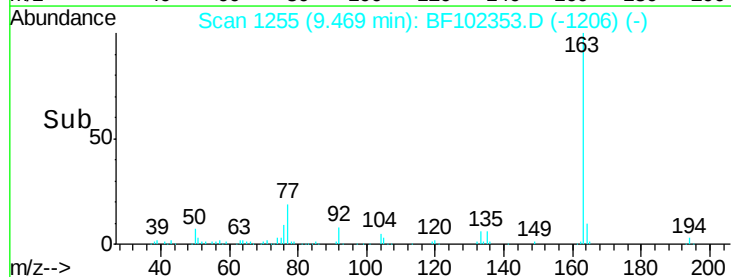
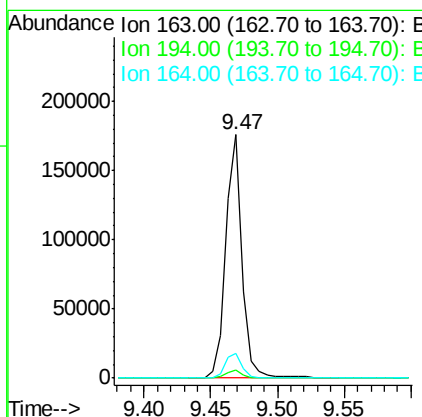
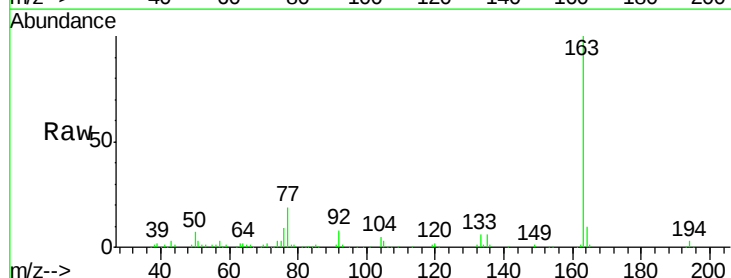
Manual Integrations
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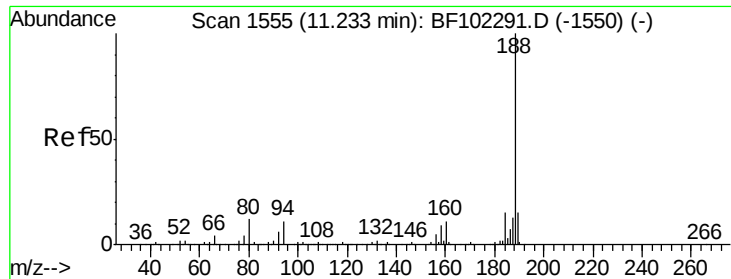
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#49
 Dimethylphthalate
 Concen: 7.187 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF102353.D
 Acq: 23 Jan 2018 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	152514		
194	3.4	2.7	4.1	
164	10.1	8.2	12.2	





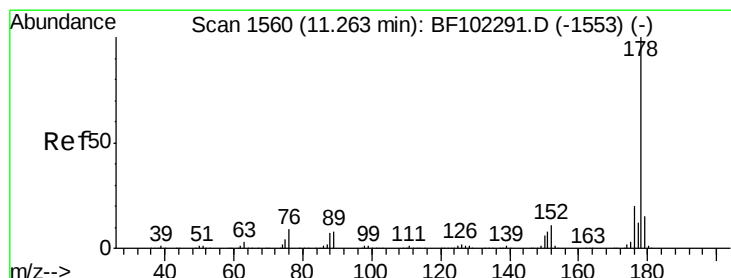
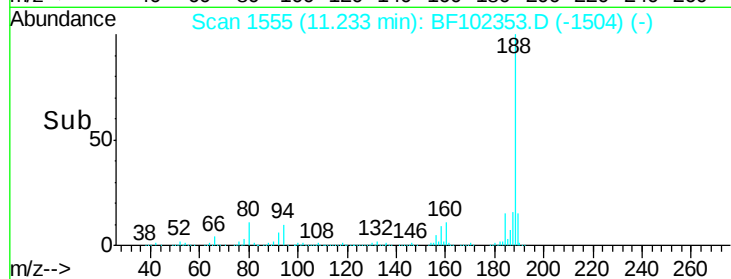
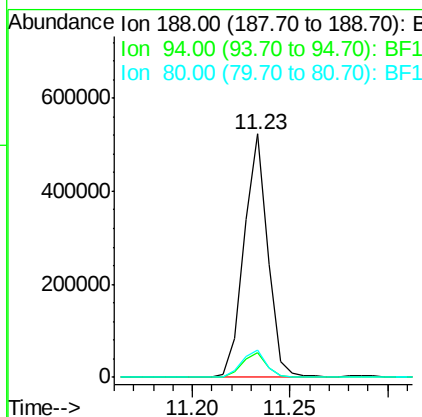
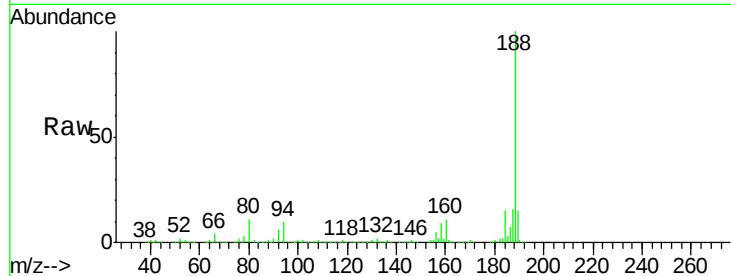
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102353.D
Acq: 23 Jan 2018 20:24

Instrument :
BNA_F
ClientSampleId :
CL-01-012218-C

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	441073		
94	10.3		8.5	12.7
80	11.3		9.2	13.8

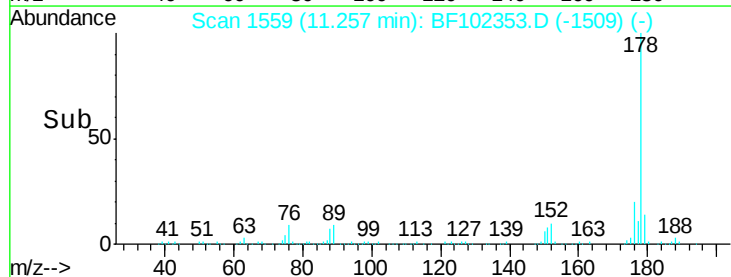
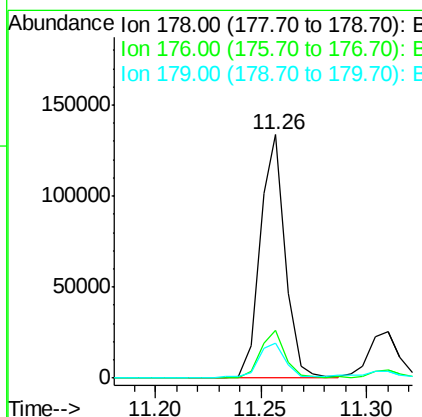
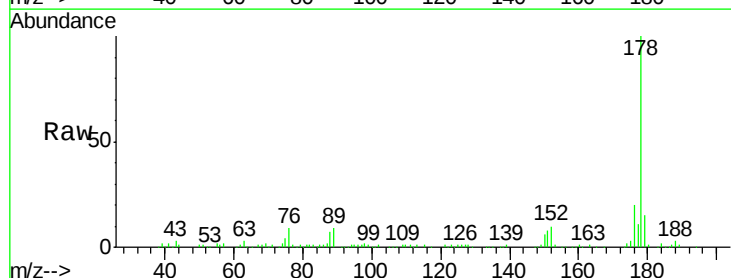
Manual Integrations
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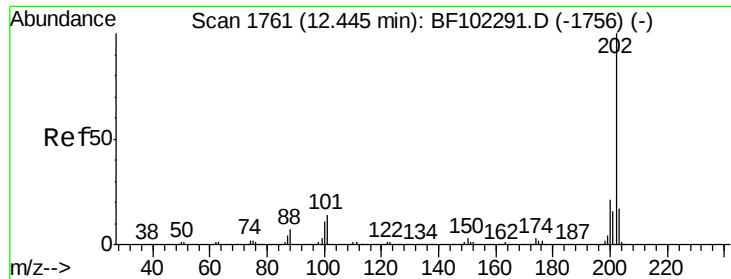
Sohil
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#70
Phenanthrene
Concen: 4.298 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF102353.D
Acq: 23 Jan 2018 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	110468		
176	19.7		15.8	23.8
179	14.6		13.0	19.6





#74

Fluoranthene

Concen: 7.327 ng

RT: 12.45 min Scan# 1761

Delta R.T. -0.00 min

Lab File: BF102353.D

Acq: 23 Jan 2018 20:24

Instrument :

BNA_F

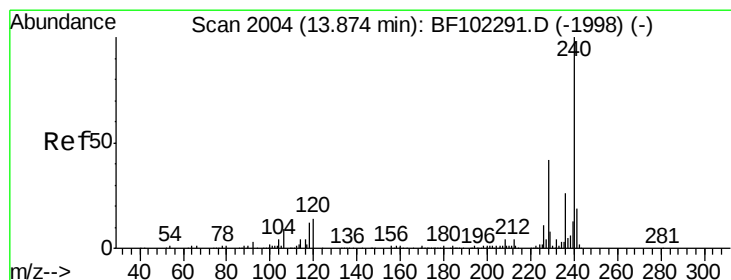
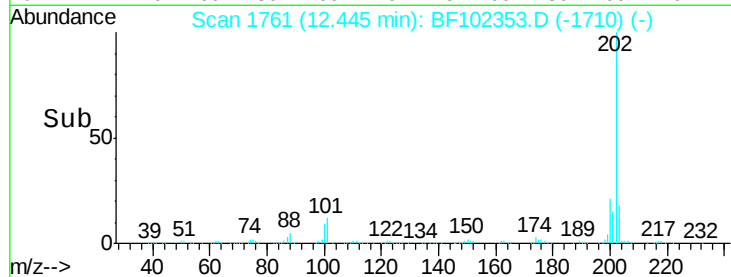
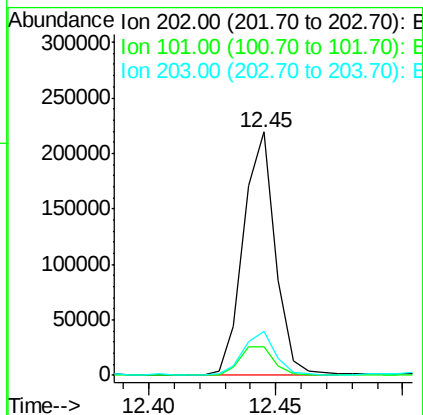
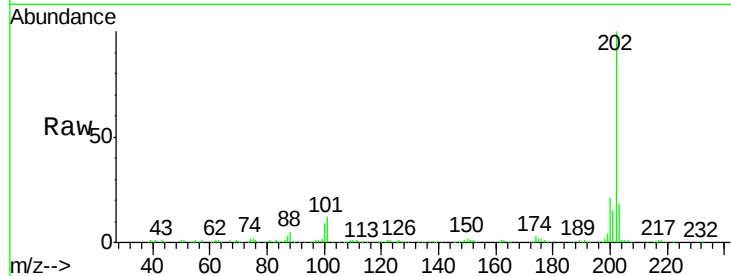
ClientSampleId :

CL-01-012218-C

Tgt	Ion	202	Resp:	192040
Ion	Ratio		Lower	Upper
202	100			
101	11.7	0.0	34.1	
203	17.8	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.000 ng

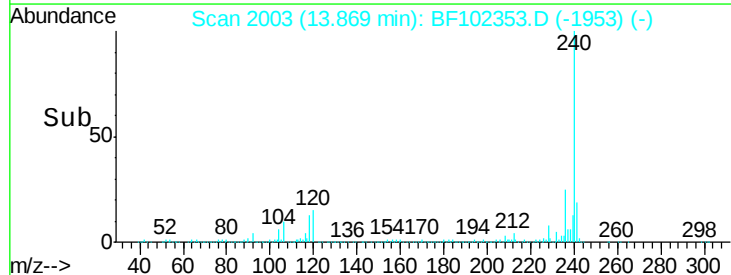
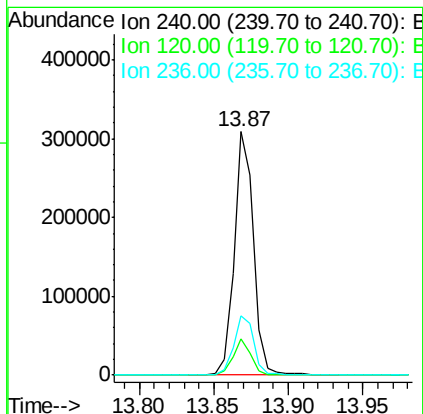
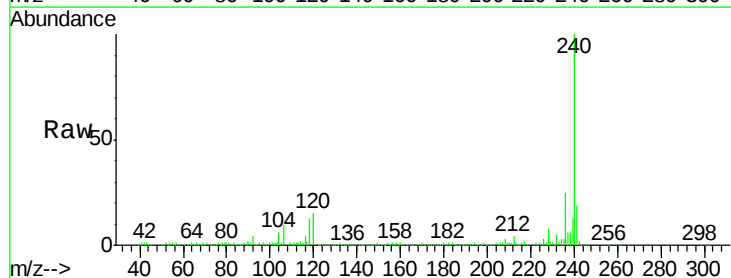
RT: 13.87 min Scan# 2003

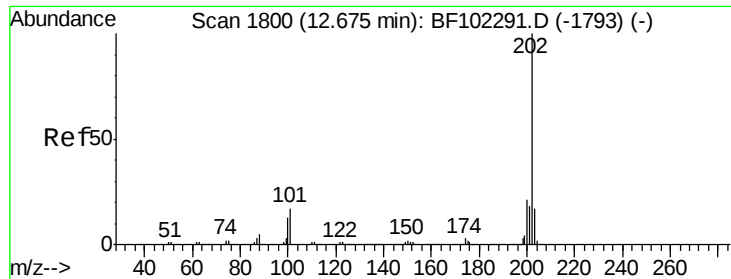
Delta R.T. -0.01 min

Lab File: BF102353.D

Acq: 23 Jan 2018 20:24

Tgt	Ion	240	Resp:	280206
Ion	Ratio		Lower	Upper
240	100			
120	14.8	9.5	14.3#	
236	24.5	20.7	31.1	





#77

Pyrene

Concen: 8.462 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BF102353.D

Acq: 23 Jan 2018 20:24

Instrument :

BNA_F

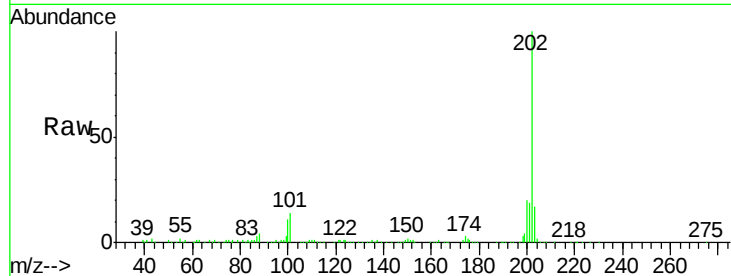
ClientSampleId :

CL-01-012218-C

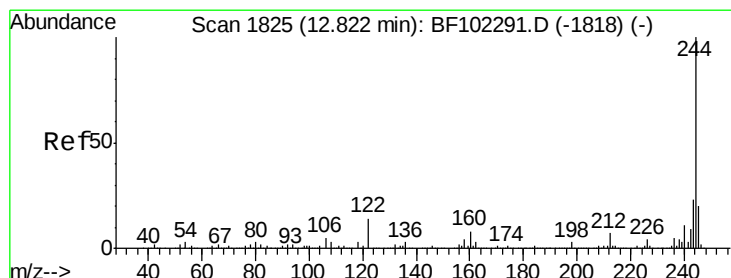
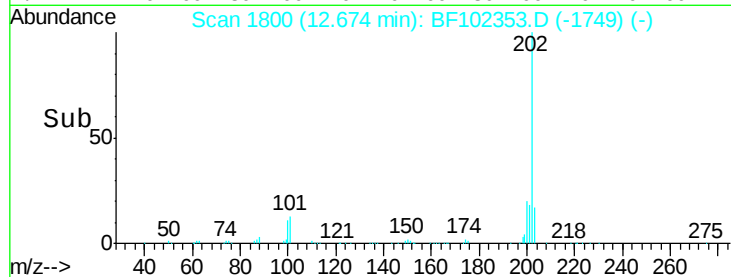
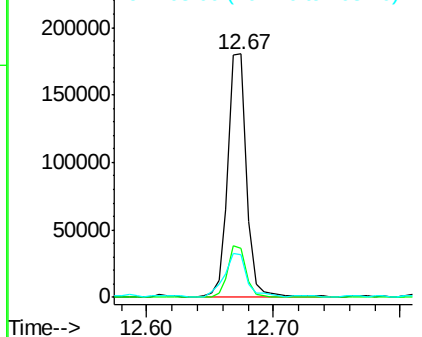
Tgt Ion:	202	Resp:	183336
Ion Ratio	Lower	Upper	
202	100		
200	20.1	17.4	26.2
203	17.5	14.3	21.5

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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: 63.285 ng

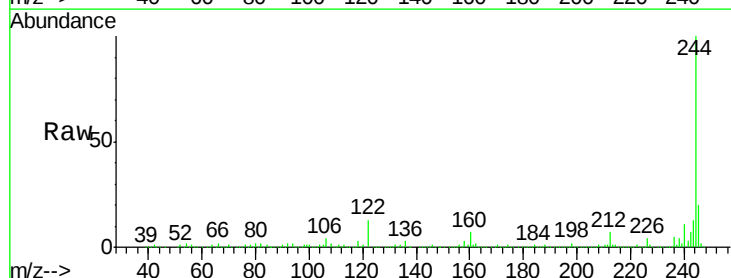
RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

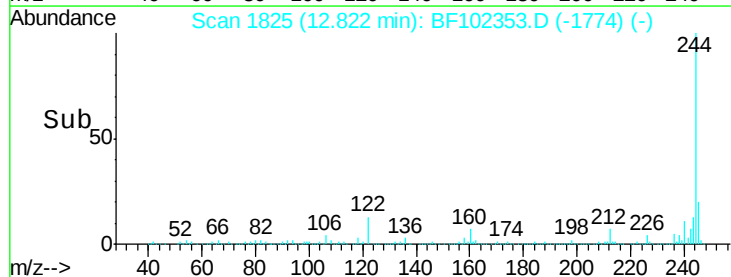
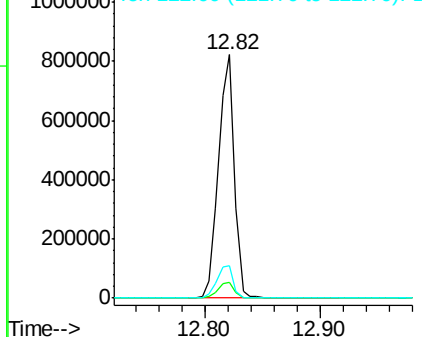
Lab File: BF102353.D

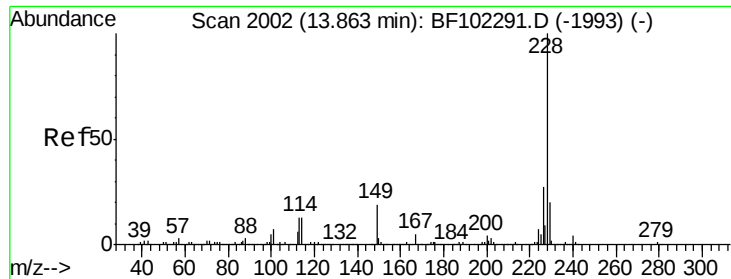
Acq: 23 Jan 2018 20:24

Tgt Ion:	244	Resp:	786603
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.4	8.0
122	13.1	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





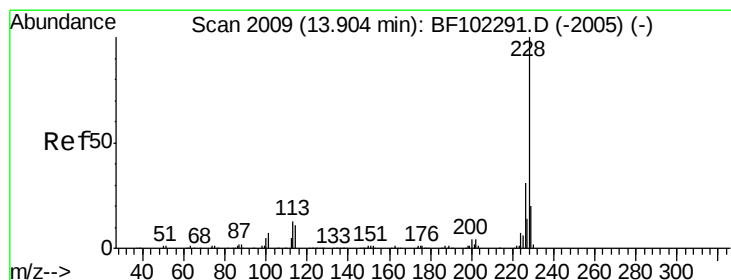
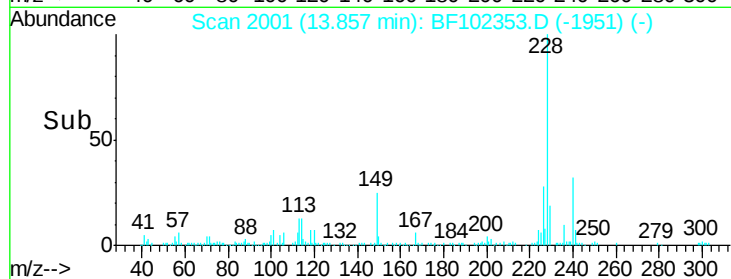
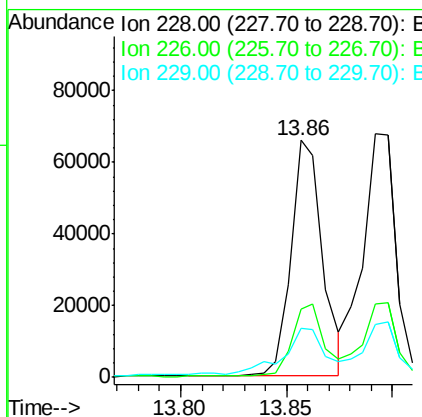
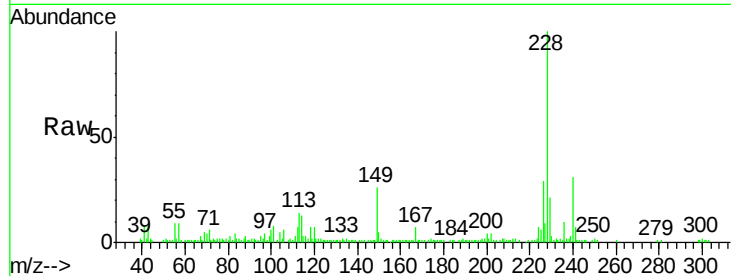
#80
Benzo(a)anthracene
Concen: 3.982 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF102353.D
Acq: 23 Jan 2018 20:24

Instrument :
BNA_F
ClientSampleId :
CL-01-012218-C

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	20.9	15.8	23.6

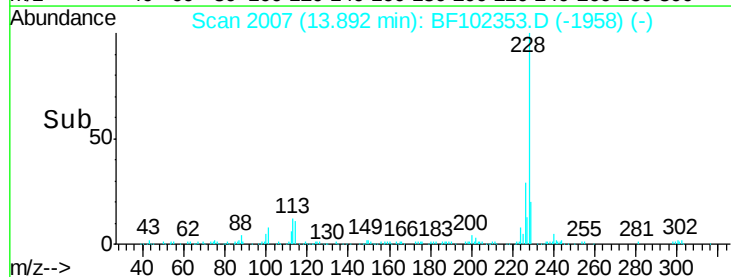
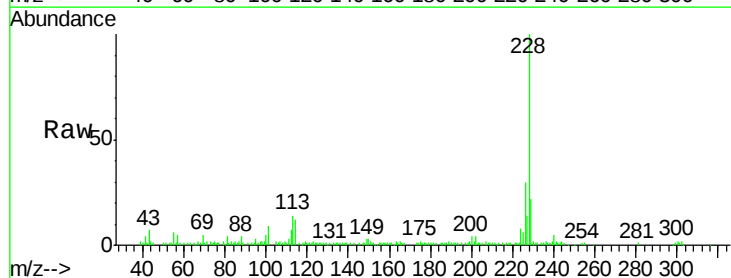
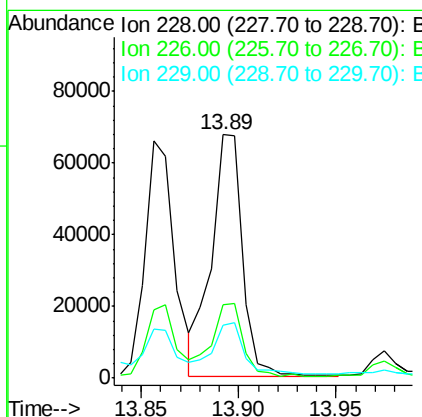
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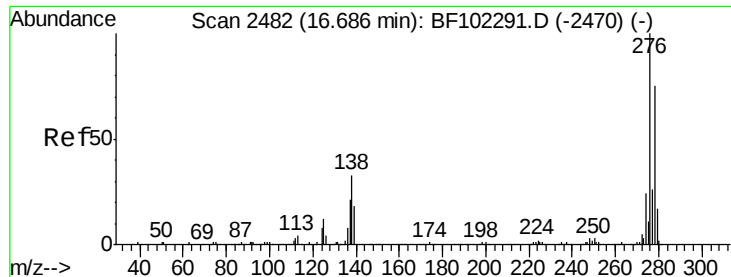
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#82
Chrysene
Concen: 4.298 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF102353.D
Acq: 23 Jan 2018 20:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	21.9	16.2	24.4





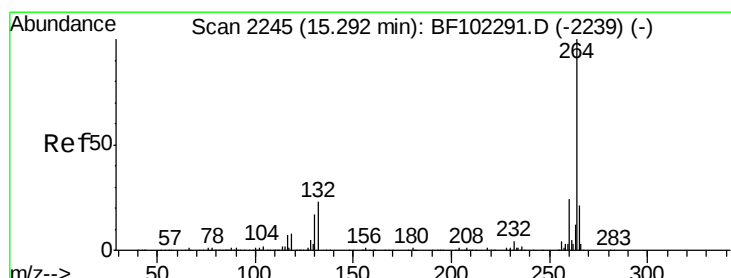
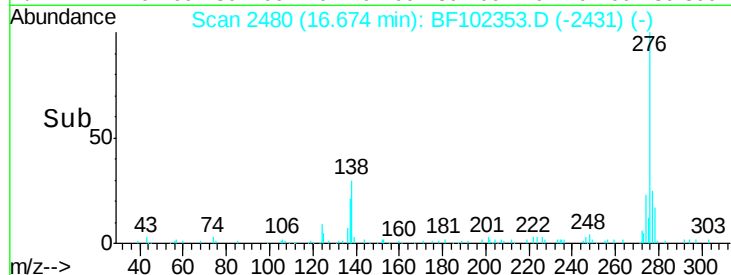
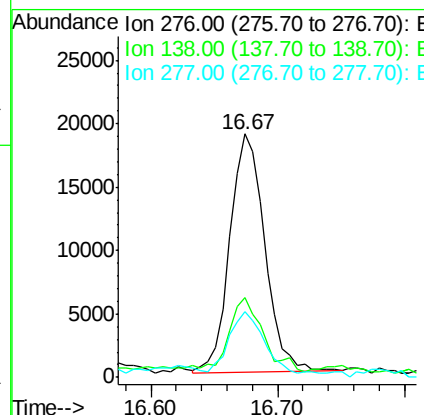
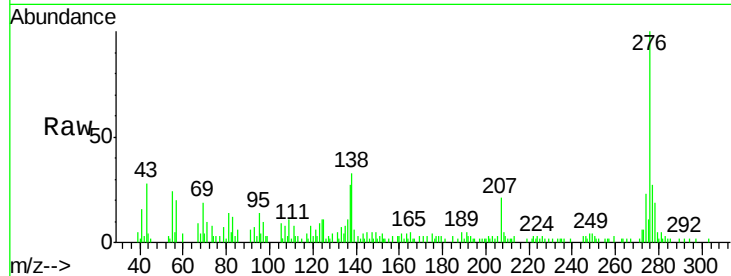
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.476 ng
 RT: 16.67 min Scan# 2480
 Delta R.T. -0.01 min
 Lab File: BF102353.D
 Acq: 23 Jan 2018 20:24

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-012218-C

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.7	25.0	37.6
277	31.5	20.1	30.1

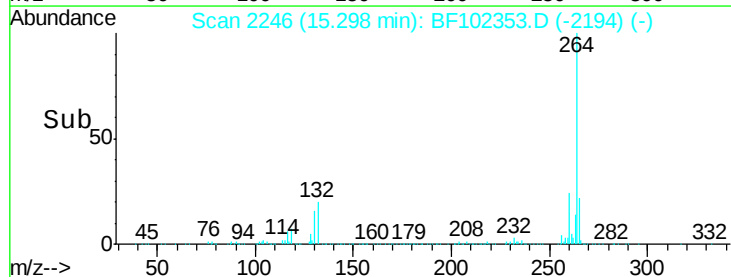
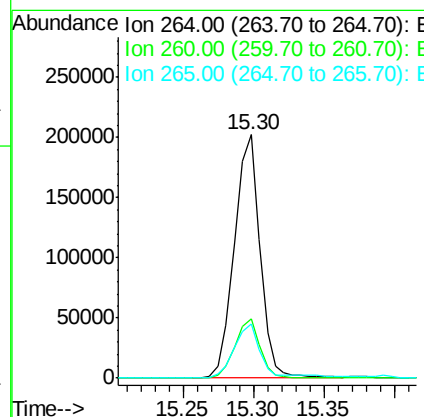
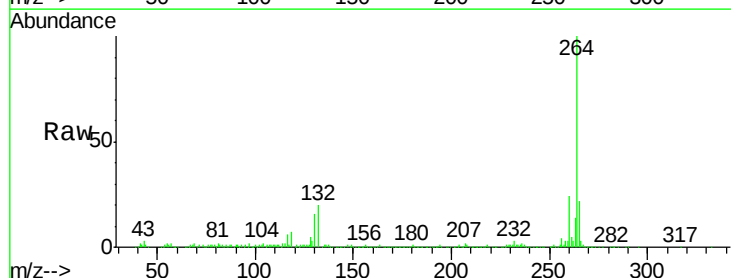
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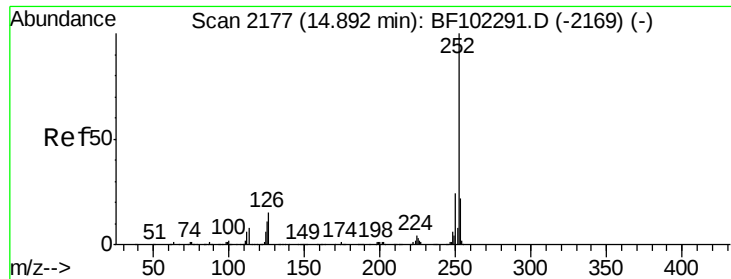
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. 0.01 min
 Lab File: BF102353.D
 Acq: 23 Jan 2018 20:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.3	17.5	26.3





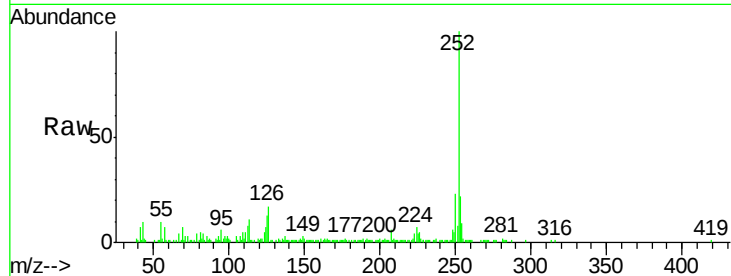
#87
Benzo(b)fluoranthene
Concen: 4.976 ng m
RT: 14.89 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BF102353.D
Acq: 23 Jan 2018 20:24

Instrument :
BNA_F
ClientSampleId :
CL-01-012218-C

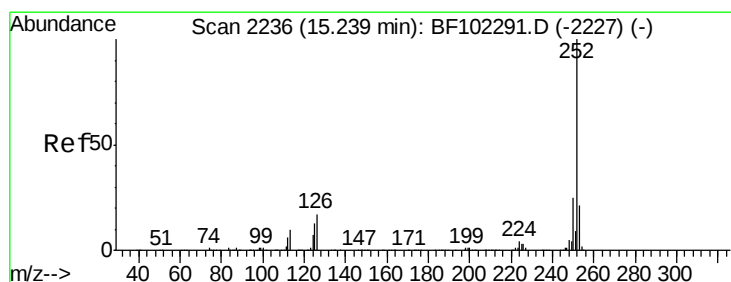
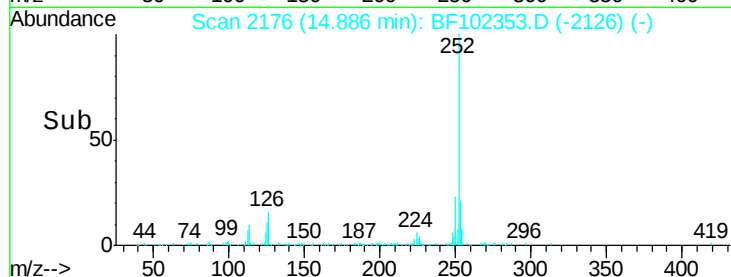
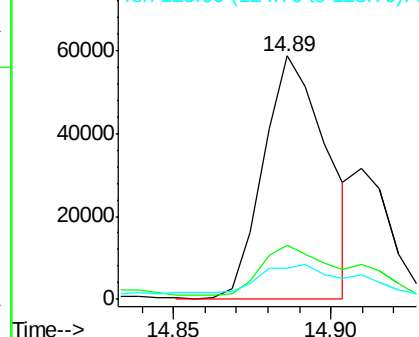
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	12.7	9.0	13.6

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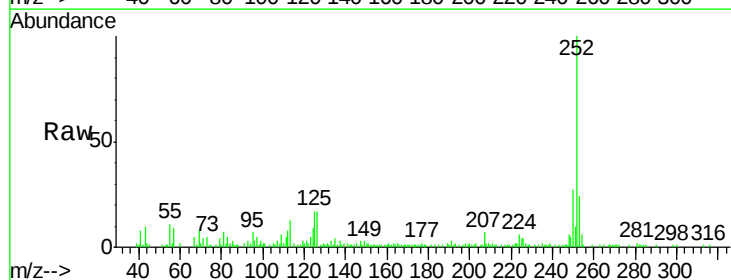


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

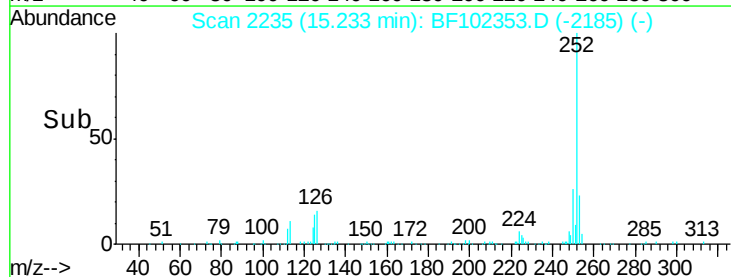
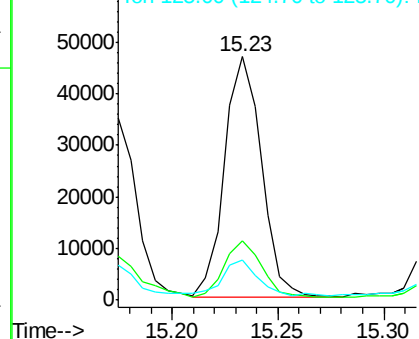


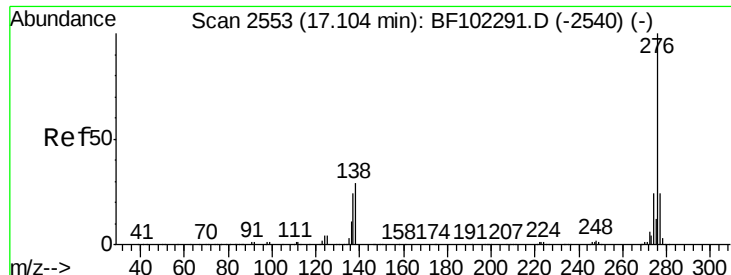
#89
Benzo(a)pyrene
Concen: 3.780 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF102353.D
Acq: 23 Jan 2018 20:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.1	25.7
125	16.6	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: 2.993 ng
 RT: 17.10 min Scan# 2552
 Delta R.T. -0.01 min
 Lab File: BF102353.D
 Acq: 23 Jan 2018 20:24

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-012218-C

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	36044		
277	23.2		17.9	26.9
138	27.1		21.8	32.8

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