

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF012318\
 Data File : BF102356.D
 Acq On : 23 Jan 2018 21:45
 Operator : SJ/JU
 Sample : J1238-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-0-2.0

Manual Integrations
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 1/24/2018 2:47:07 PM

Quant Time: Jan 24 02:48:07 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	6.72	152	135778	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	579388	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	250779	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	382917	20.00	ng	0.00
75) Chrysene-d12	13.87	240	250353	20.00	ng	0.00
86) Perylene-d12	15.30	264	209115	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	980531	109.50	ng	0.00
7) Phenol-d6	6.36	99	1211237	112.20	ng	0.00
23) Nitrobenzene-d5	7.29	82	761788	75.56	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	232072	93.39	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1186145	69.55	ng	0.00
78) Terphenyl-d14	12.82	244	796322	71.71	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.37	94	39380	3.341	ng	99
49) Dimethylphthalate	9.47	163	234809	11.328	ng	100
70) Phenanthrene	11.26	178	164347	7.365	ng	98
71) Anthracene	11.31	178	49127	2.157	ng	99
74) Fluoranthene	12.45	202	308844	13.573	ng	97
77) Pyrene	12.67	202	283827	14.663	ng	99
80) Benzo(a)anthracene	13.86	228	144618	9.383	ng	95
82) Chrysene	13.90	228	127017	8.115	ng	97
83) Bis(2-ethylhexyl)phthalate	13.85	149	30791	2.379	ng	98
85) Indeno(1,2,3-cd)pyrene	16.69	276	59081	4.570	ng	98
87) Benzo(b)fluoranthene	14.89	252	166224m	12.264	ng	
88) Benzo(k)fluoranthene	14.92	252	53606m	4.186	ng	
89) Benzo(a)pyrene	15.24	252	114792	9.391	ng	# 92
91) Benzo(g,h,i)perylene	17.11	276	61158	6.255	ng	# 93

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

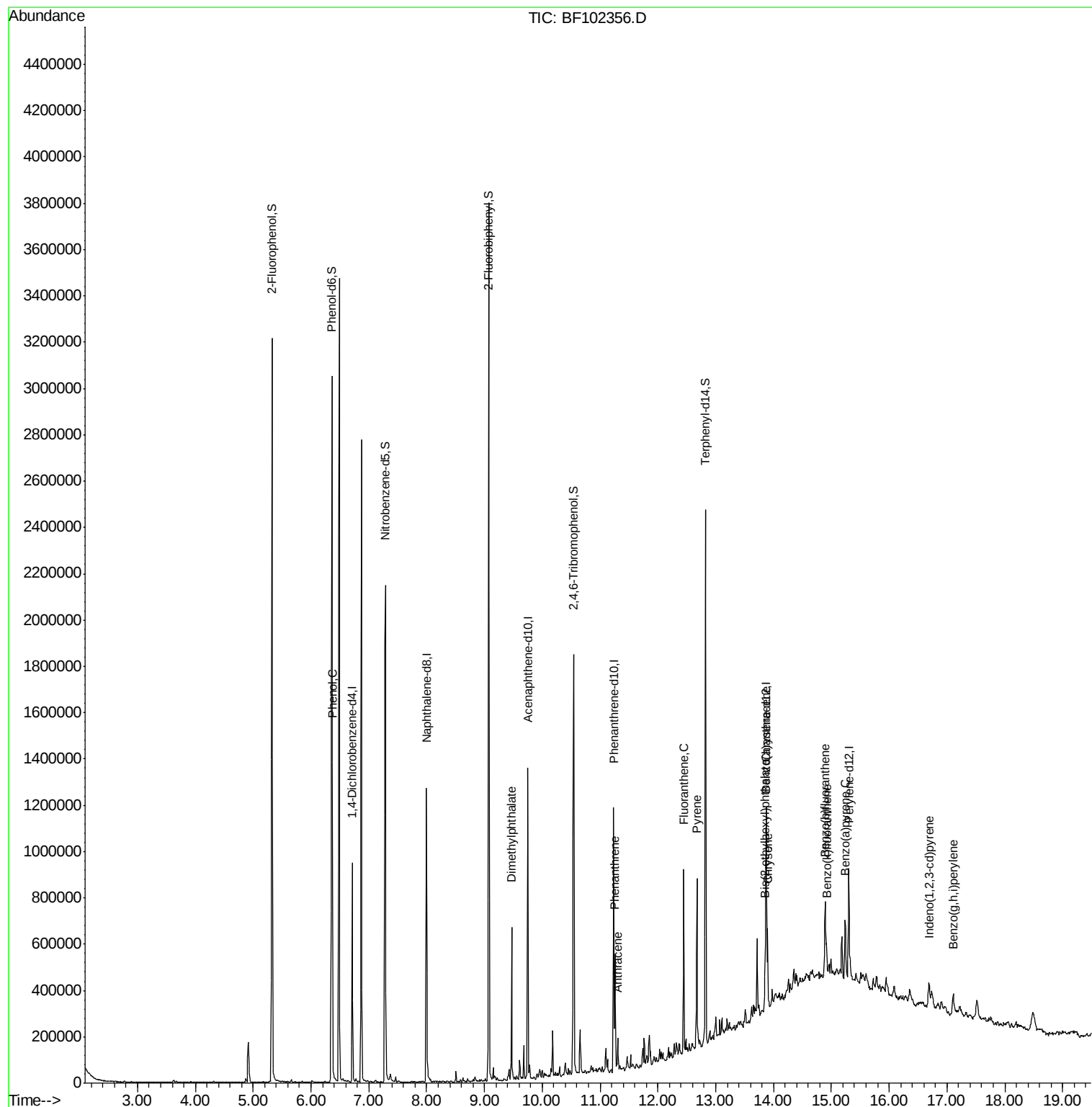
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102356.D
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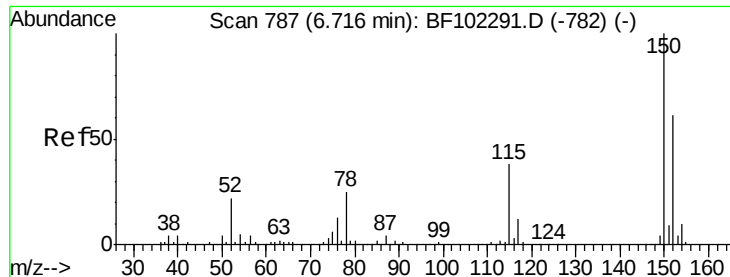
Instrument :
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SB-11-0-2.0

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
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#1

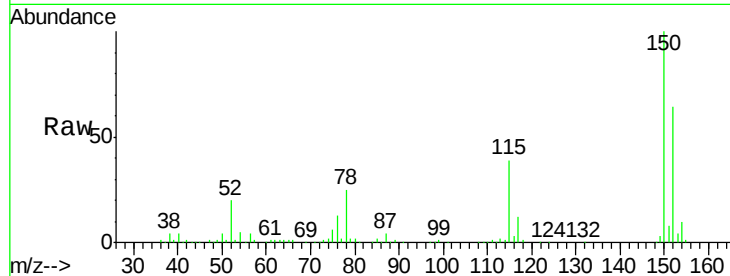
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102356.D
Acq: 23 Jan 2018 21:45

Instrument :
BNA_F
ClientSampleId :
SB-11-0-2.0

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	61.7	50.1	75.1

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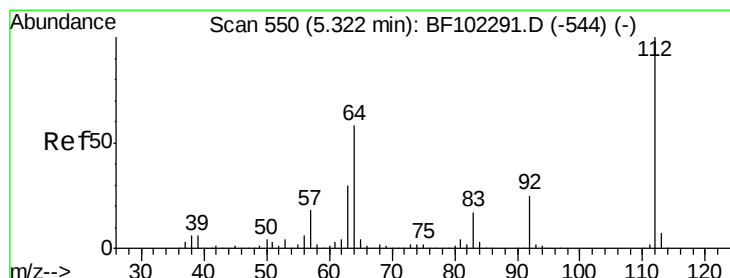
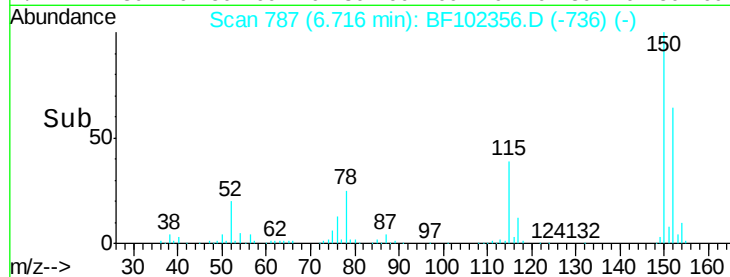
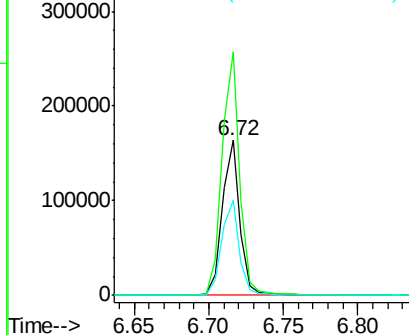


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

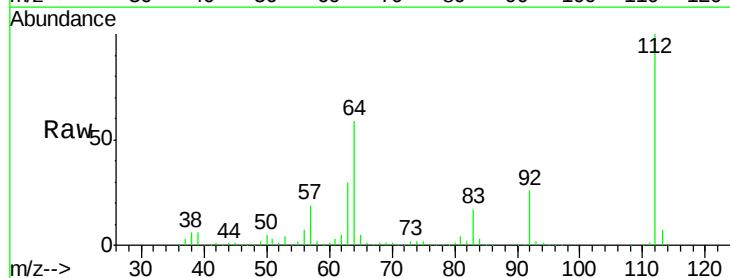
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 109.498 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102356.D
Acq: 23 Jan 2018 21:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	47.9	71.9
63	30.1	23.7	35.5

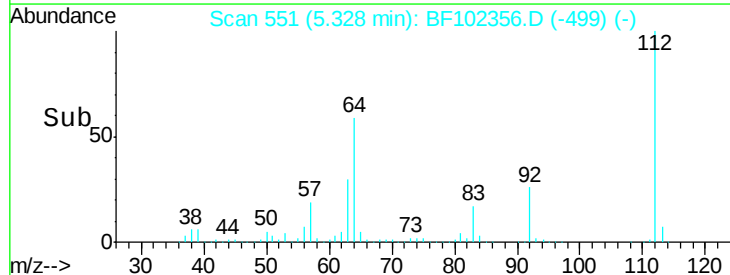
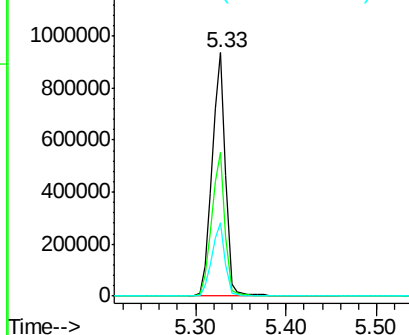


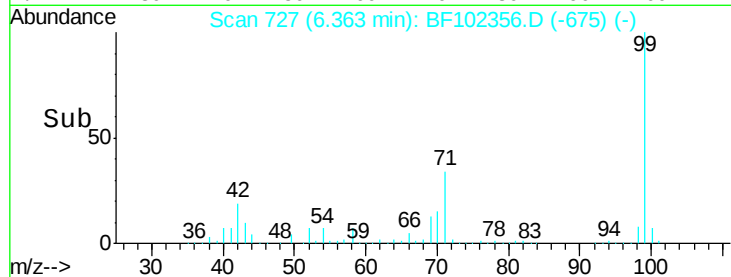
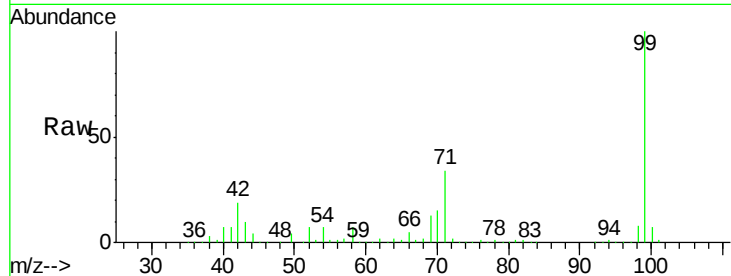
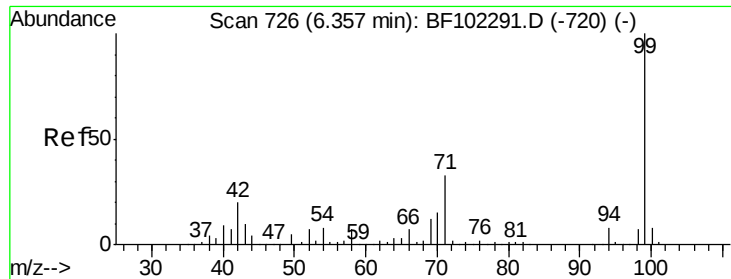
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 112.195 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102356.D

Acq: 23 Jan 2018 21:45

Tgt Ion:	99	Resp:	1211237
Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.5	21.7
71	33.9	25.4	38.0

Instrument :

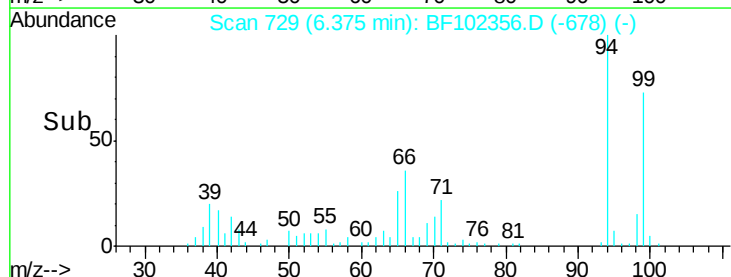
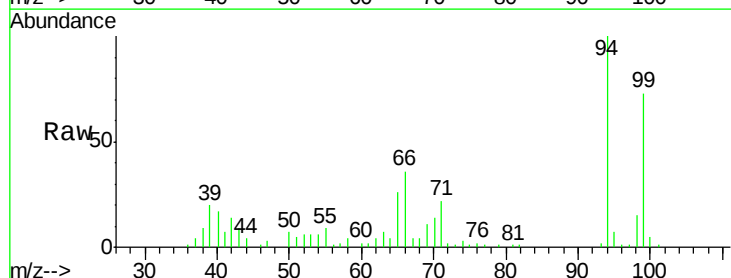
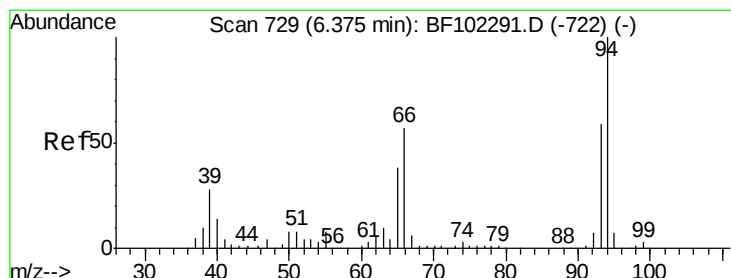
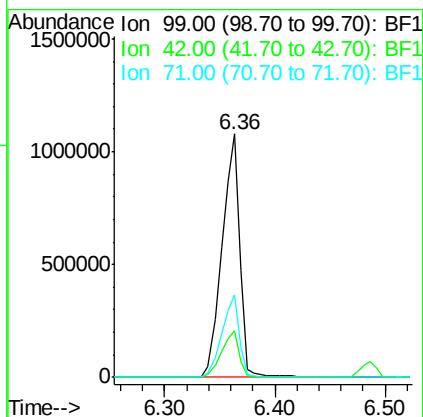
BNA_F

ClientSampleId :

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#10

Phenol

Concen: 3.341 ng

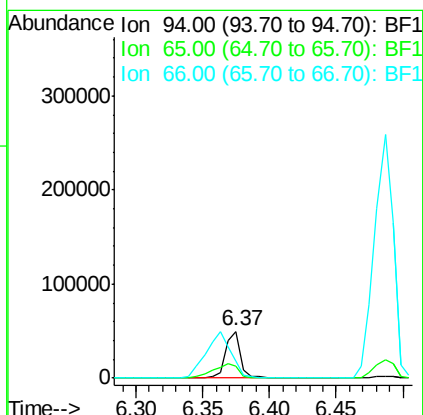
RT: 6.37 min Scan# 729

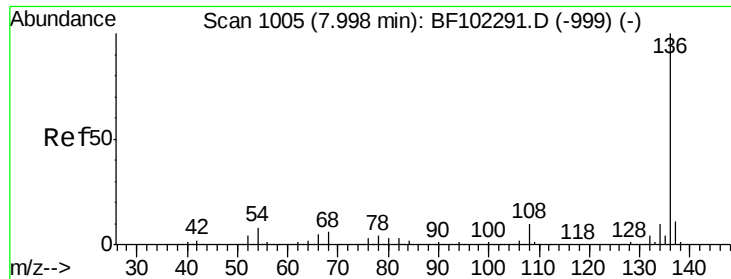
Delta R.T. -0.00 min

Lab File: BF102356.D

Acq: 23 Jan 2018 21:45

Tgt Ion:	94	Resp:	39380
Ion	Ratio	Lower	Upper
94	100		
65	26.2	7.9	47.9
66	36.3	16.2	56.2





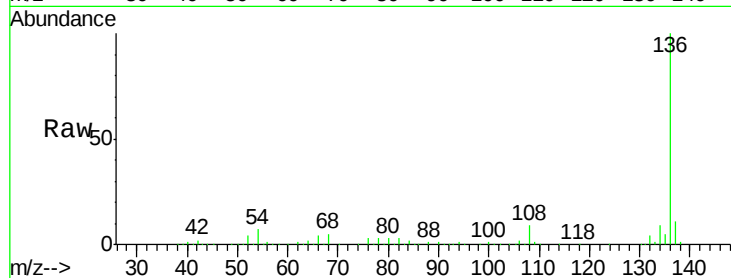
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102356.D
Acq: 23 Jan 2018 21:45

Instrument :
BNA_F
ClientSampled :
SB-11-0-2.0

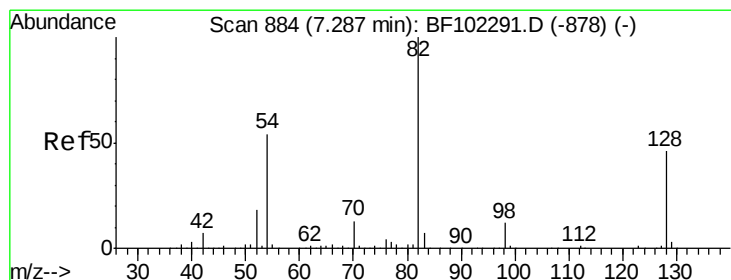
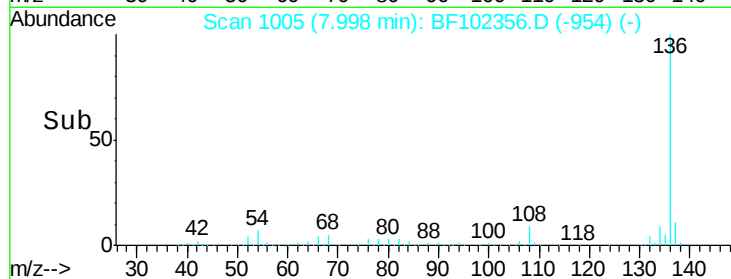
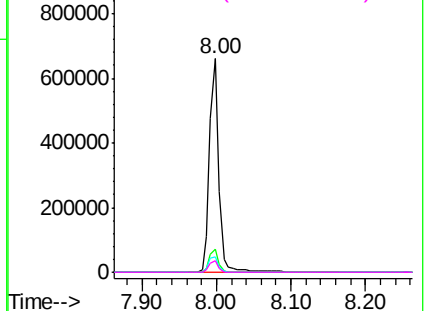
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	579388		
137	10.9	8.9	13.3	
54	7.4	6.6	9.8	
68	5.2	5.0	7.4	

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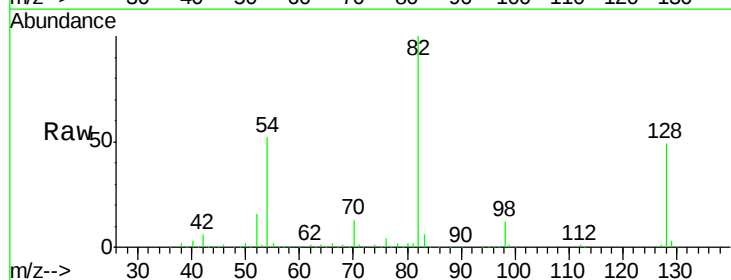


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

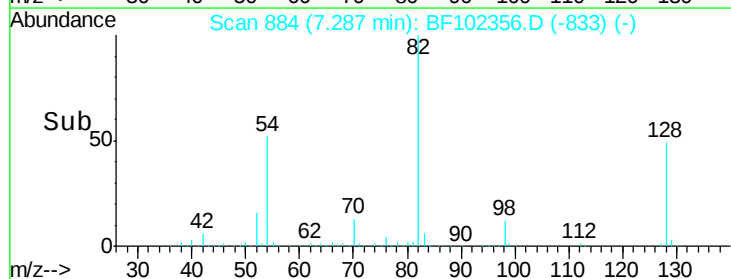
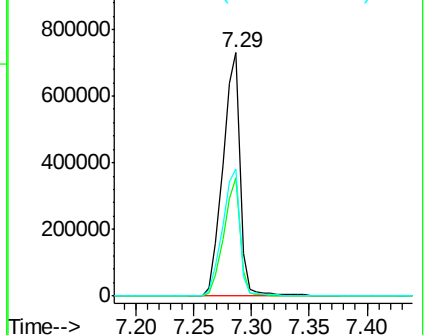


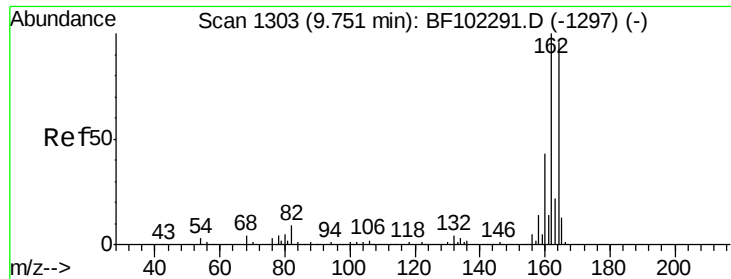
#23
Nitrobenzene-d5
Concen: 75.558 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102356.D
Acq: 23 Jan 2018 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	761788		
128	48.5	36.1	54.1	
54	52.1	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





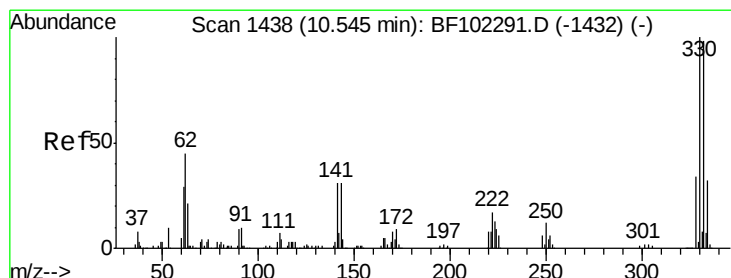
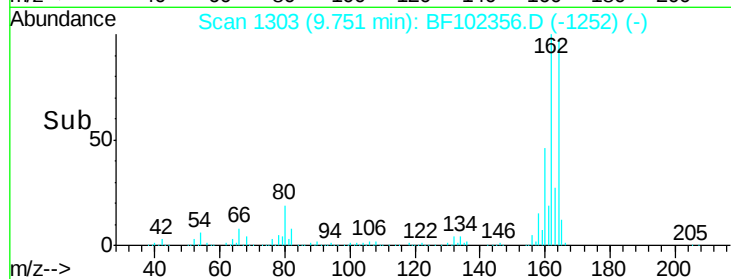
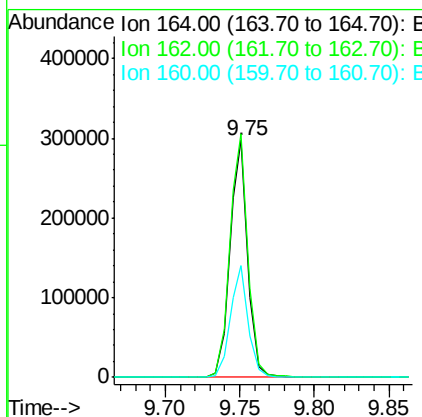
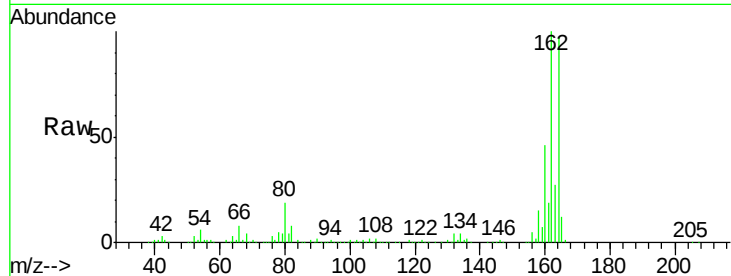
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BF102356.D
 Acq: 23 Jan 2018 21:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-0-2.0

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	250779		
162	102.7	86.1	129.1	
160	46.9	38.3	57.5	

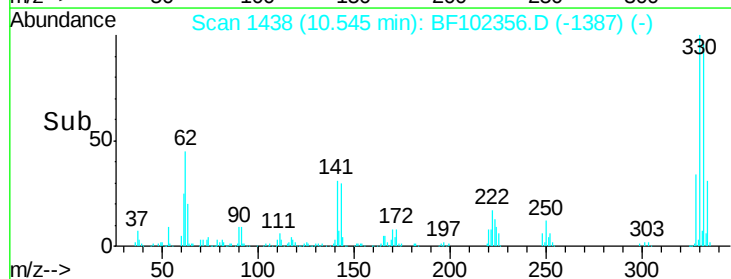
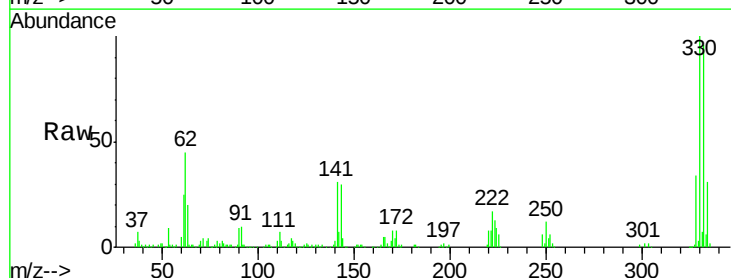
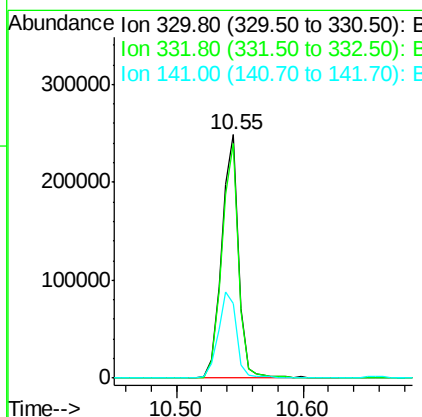
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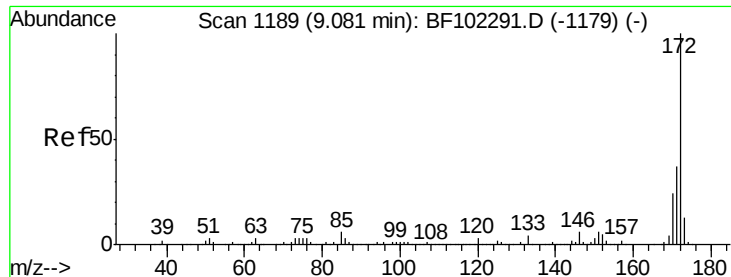
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#41
 2,4,6-Tribromophenol
 Concen: 93.394 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102356.D
 Acq: 23 Jan 2018 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	232072		
332	95.6	77.0	115.6	
141	39.2	29.9	44.9	





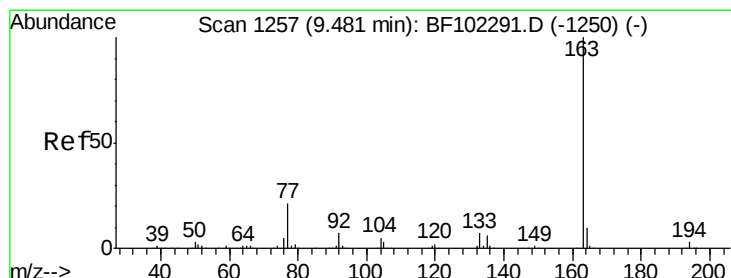
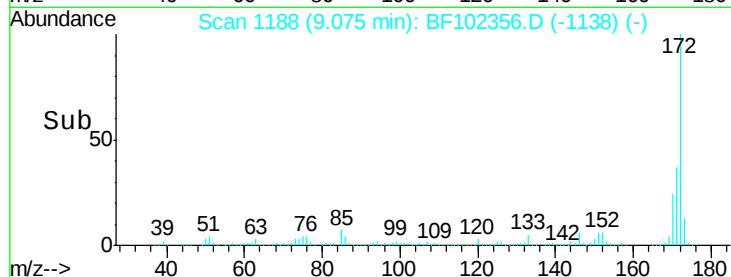
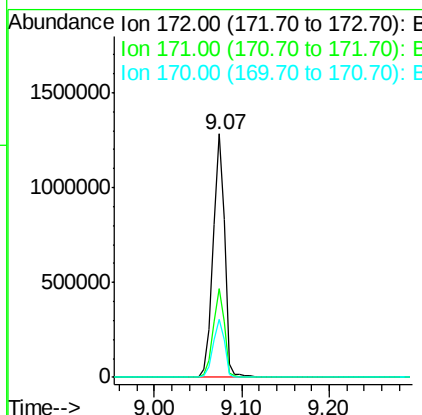
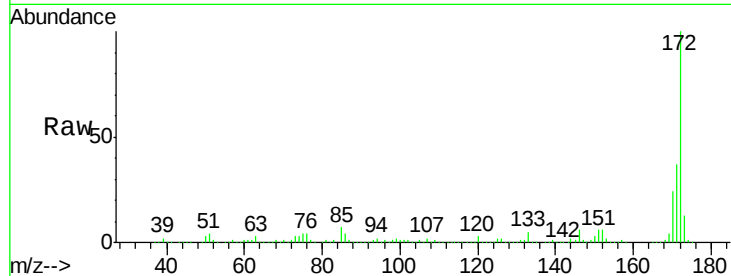
#44
2-Fluorobiphenyl
Concen: 69.545 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102356.D
Acq: 23 Jan 2018 21:45

Instrument :
BNA_F
ClientSampleId :
SB-11-0-2.0

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	23.9	19.6	29.4

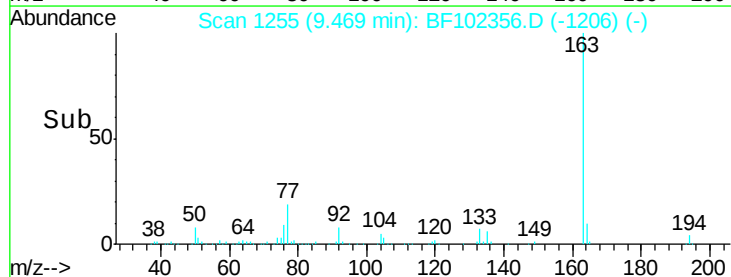
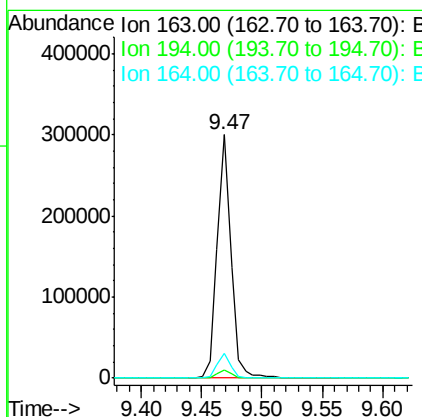
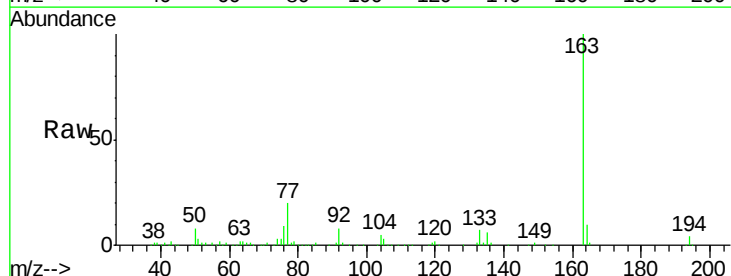
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#49
Dimethylphthalate
Concen: 11.328 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102356.D
Acq: 23 Jan 2018 21:45

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.2	8.2	12.2





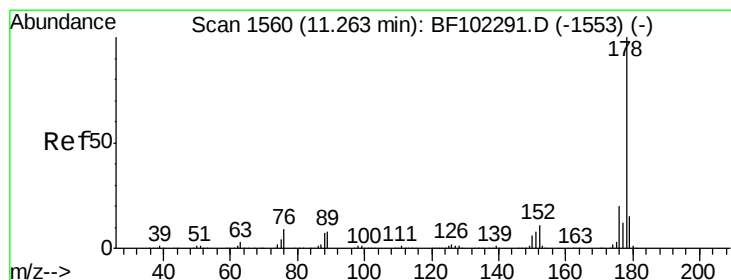
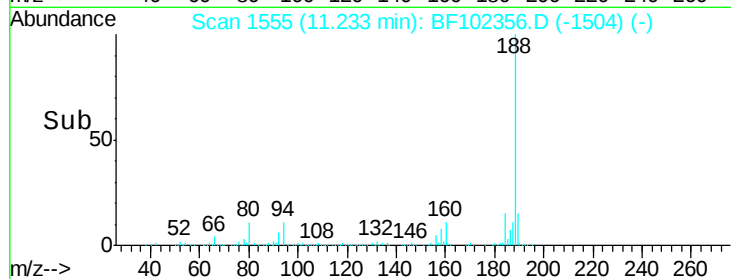
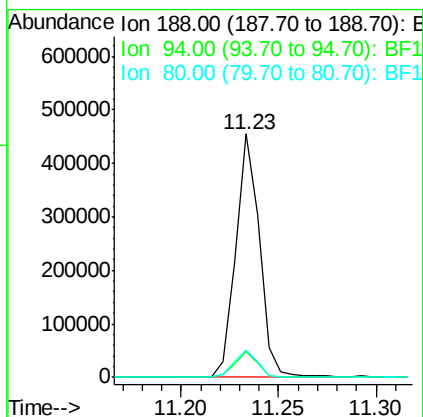
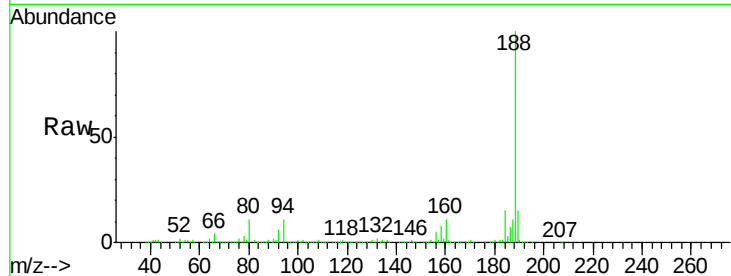
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102356.D
Acq: 23 Jan 2018 21:45

Instrument :
BNA_F
ClientSampleId :
SB-11-0-2.0

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.7	8.5	12.7
80	11.3	9.2	13.8

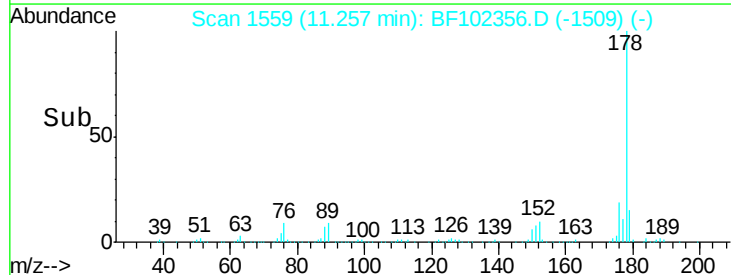
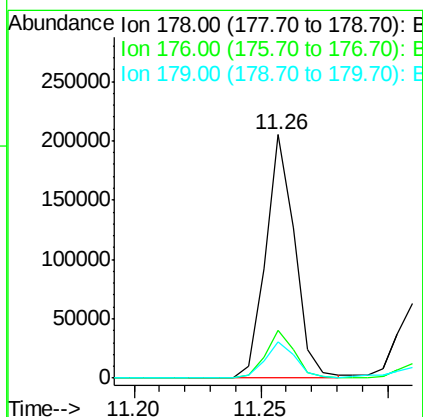
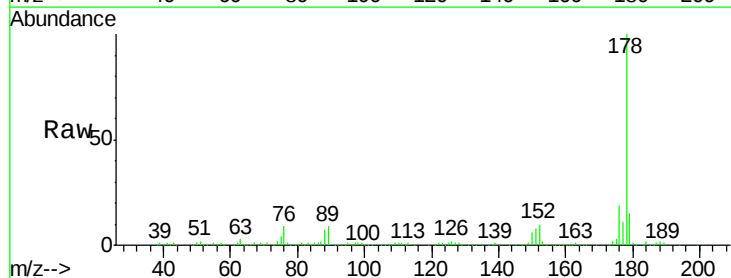
Manual Integrations
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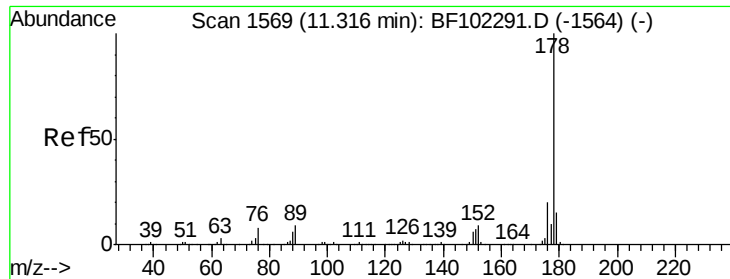
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#70
Phenanthrene
Concen: 7.365 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF102356.D
Acq: 23 Jan 2018 21:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.4	15.8	23.8
179	15.1	13.0	19.6





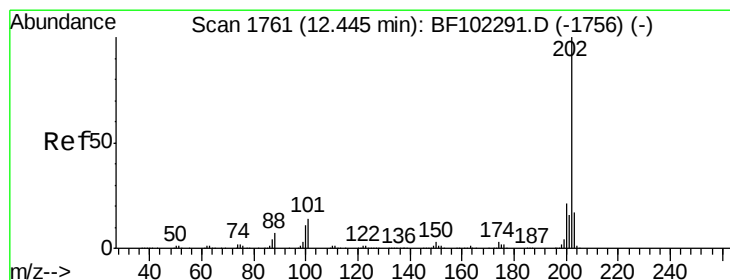
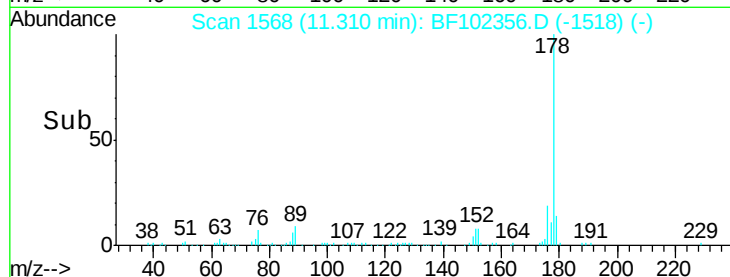
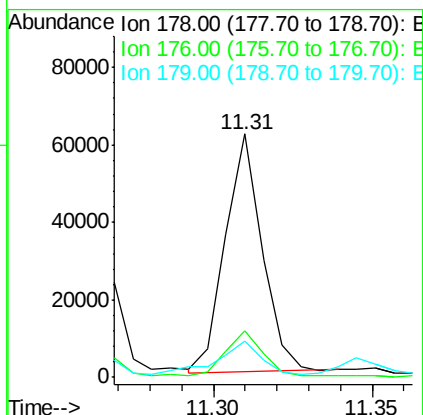
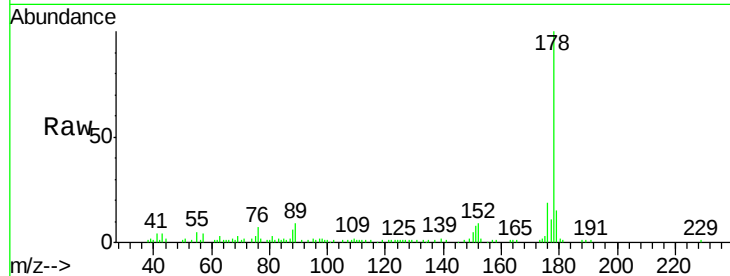
#71
 Anthracene
 Concen: 2.157 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF102356.D
 Acq: 23 Jan 2018 21:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-0-2.0

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	14.6	12.6	19.0

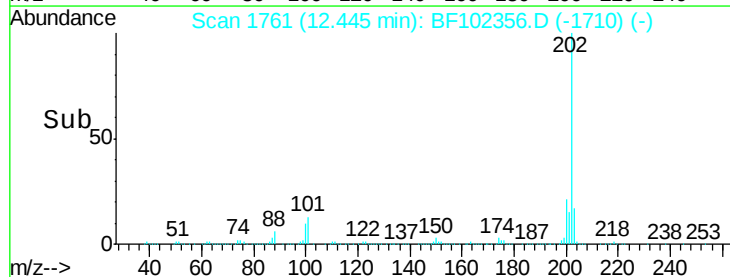
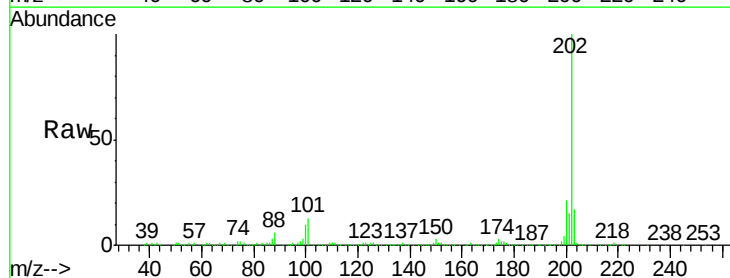
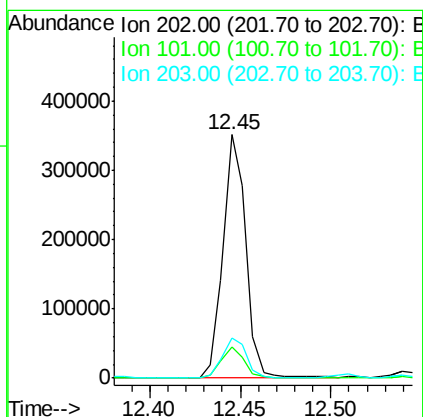
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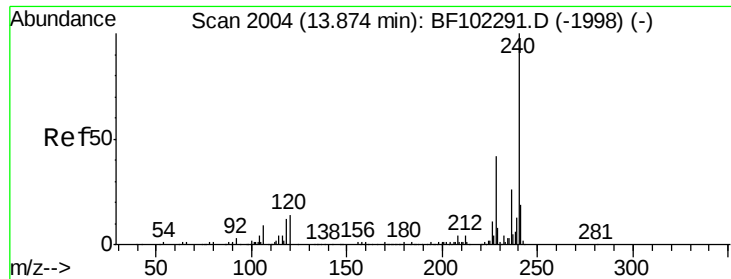
Sohil
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#74
 Fluoranthene
 Concen: 13.573 ng
 RT: 12.45 min Scan# 1761
 Delta R.T. -0.00 min
 Lab File: BF102356.D
 Acq: 23 Jan 2018 21:45

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	34.1
203	16.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF102356.D

Acq: 23 Jan 2018 21:45

Instrument :

BNA_F

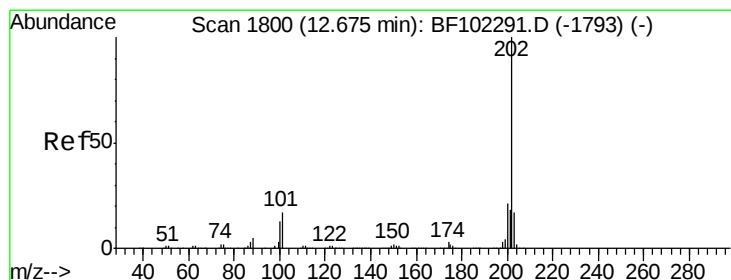
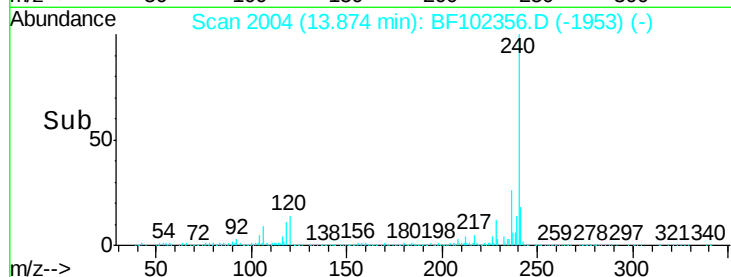
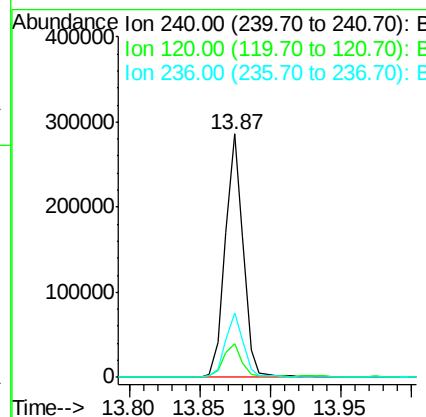
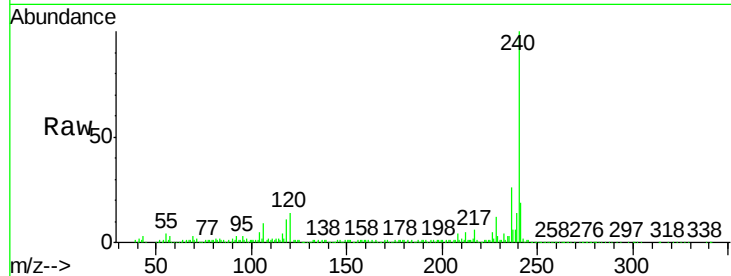
ClientSampleId :

SB-11-0-2.0

Tgt Ion:	240	Resp:	250353
Ion Ratio	Lower	Upper	
240	100		
120	13.9	9.5	14.3
236	26.2	20.7	31.1

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#77

Pyrene

Concen: 14.663 ng

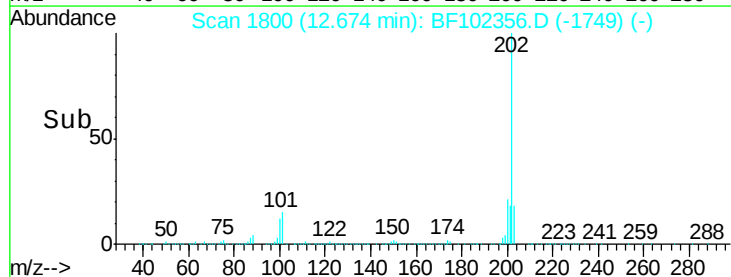
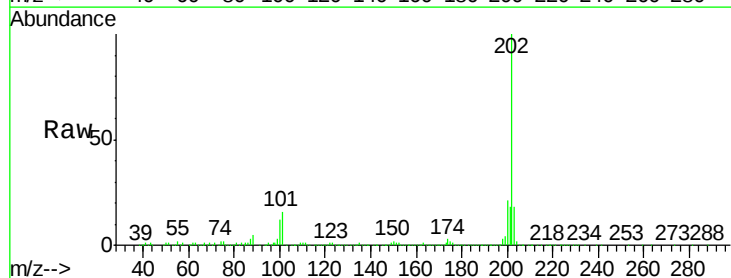
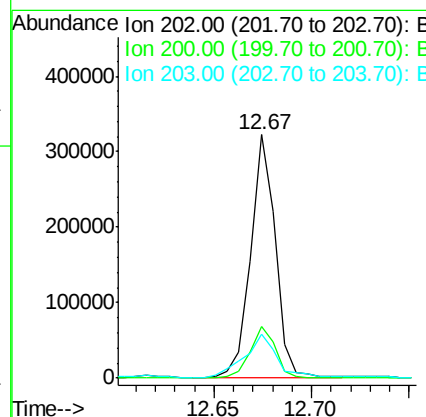
RT: 12.67 min Scan# 1800

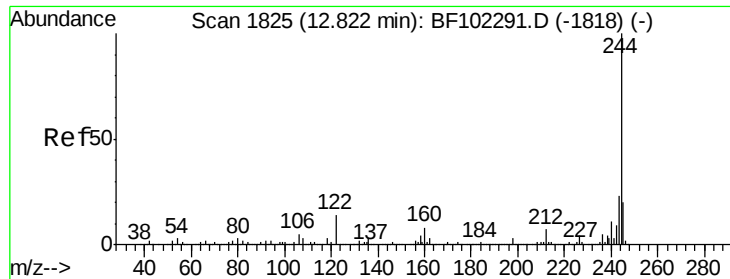
Delta R.T. -0.00 min

Lab File: BF102356.D

Acq: 23 Jan 2018 21:45

Tgt Ion:	202	Resp:	283827
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.4	26.2
203	18.0	14.3	21.5





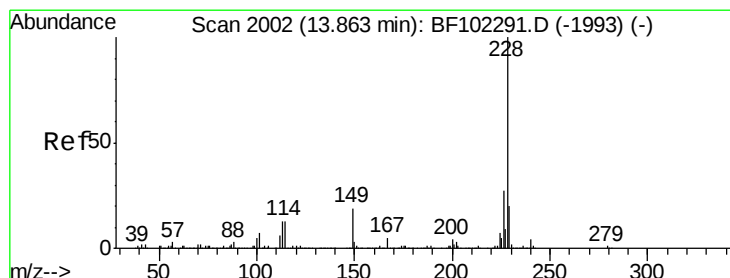
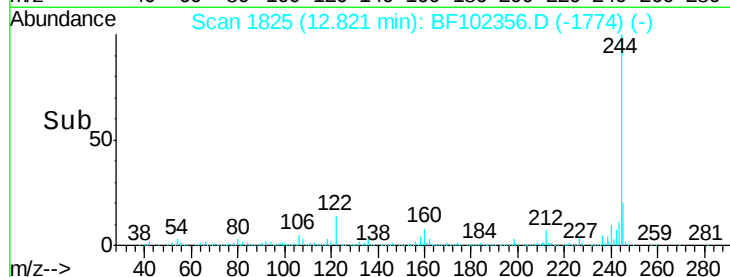
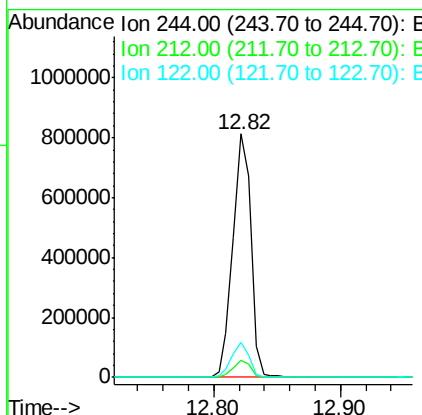
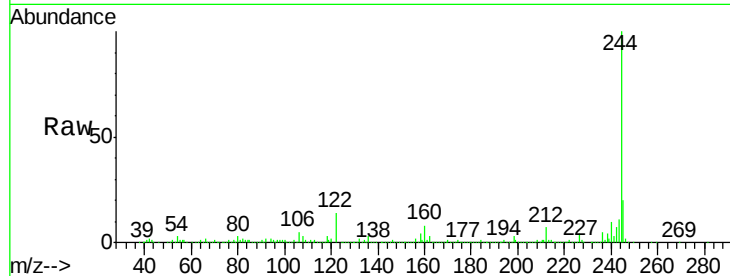
#78
 Terphenyl-d14
 Concen: 71.707 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF102356.D
 Acq: 23 Jan 2018 21:45

Instrument :
 BNA_F
 ClientSampled :
 SB-11-0-2.0

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	14.4	11.0	16.4

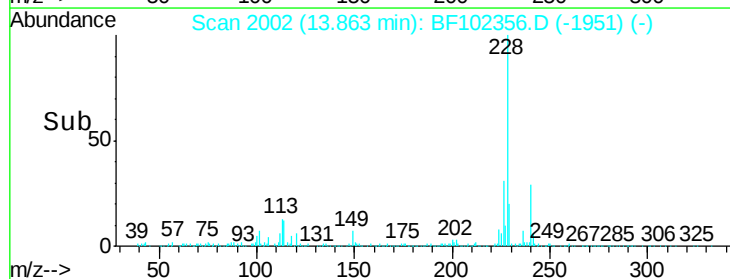
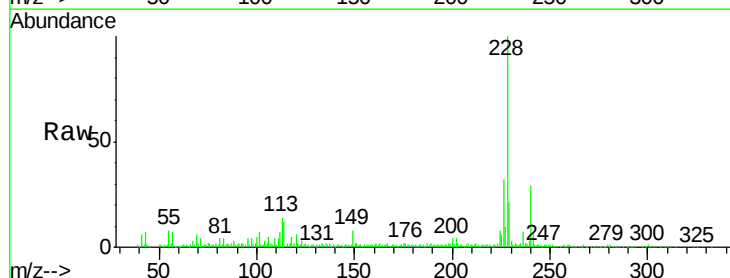
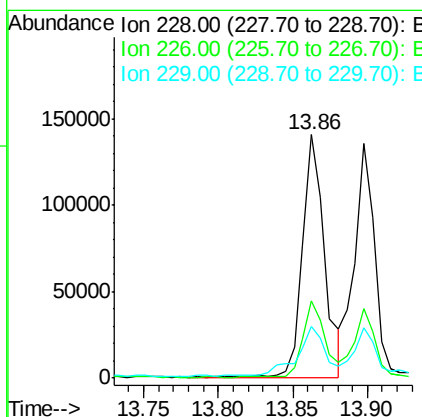
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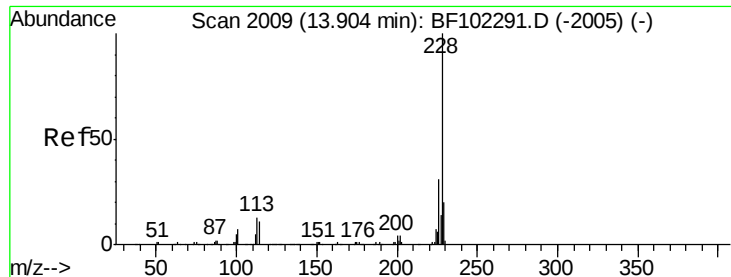
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#80
 Benzo(a)anthracene
 Concen: 9.383 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: BF102356.D
 Acq: 23 Jan 2018 21:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	22.6	33.8
229	21.0	15.8	23.6





#82

Chrysene

Concen: 8.115 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF102356.D

Acq: 23 Jan 2018 21:45

Instrument :

BNA_F

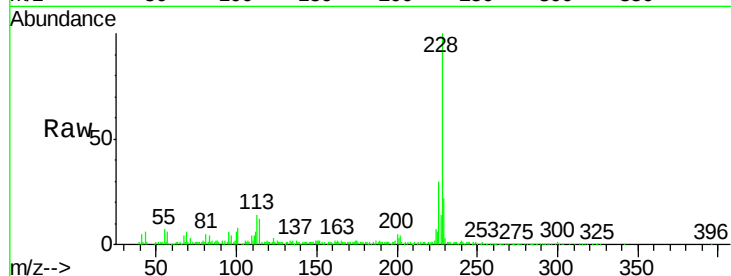
ClientSampled :

SB-11-0-2.0

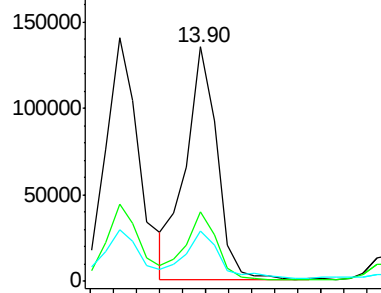
Tgt Ion:	228	Resp:	127017
Ion Ratio		Lower	Upper
228	100		
226	29.9	25.0	37.6
229	21.7	16.2	24.4

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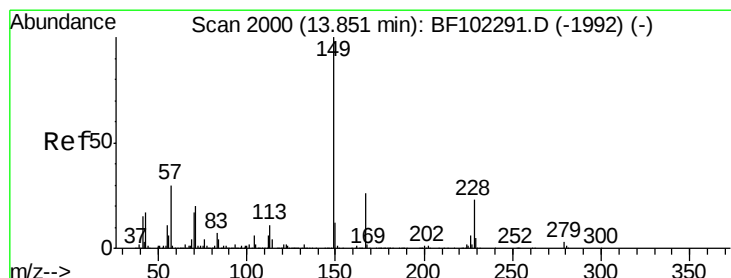
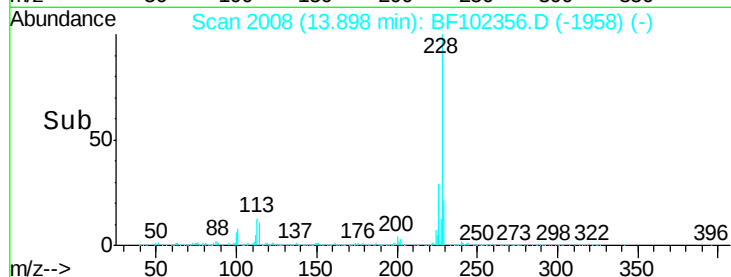
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time--> 13.85 13.90 13.95



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.379 ng

RT: 13.85 min Scan# 2000

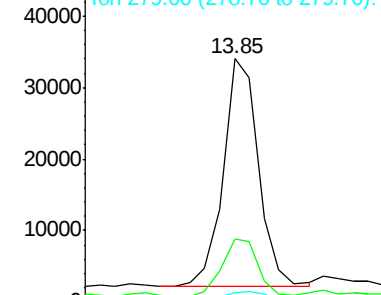
Delta R.T. -0.00 min

Lab File: BF102356.D

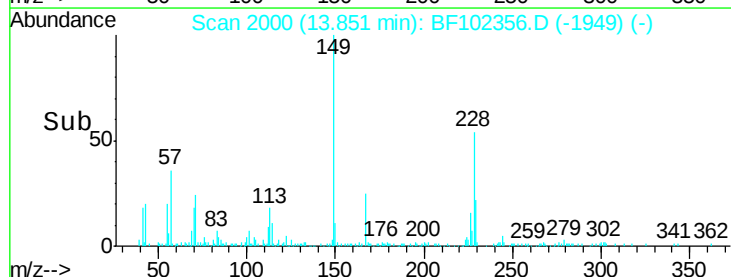
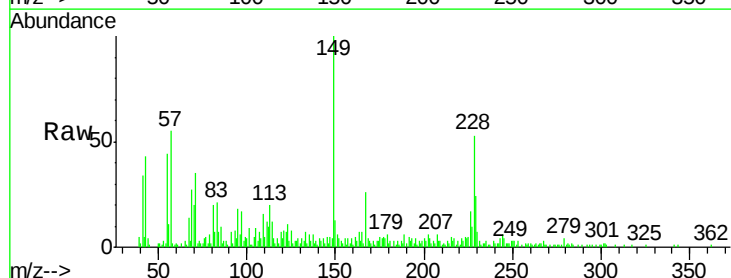
Acq: 23 Jan 2018 21:45

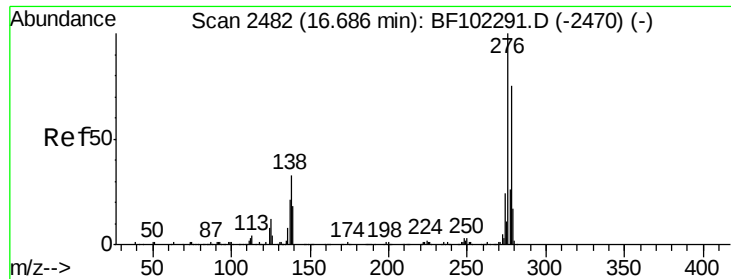
Tgt Ion:	149	Resp:	30791
Ion Ratio		Lower	Upper
149	100		
167	25.7	21.3	31.9
279	3.7	3.0	4.4

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



Time--> 13.80 13.85





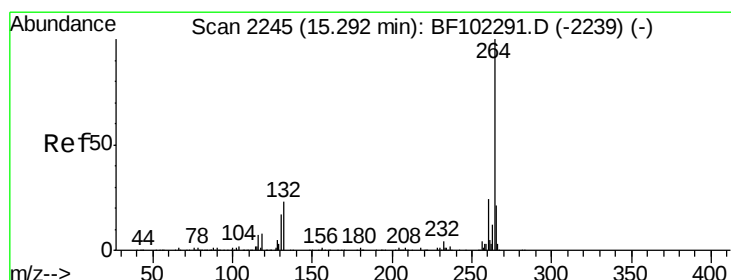
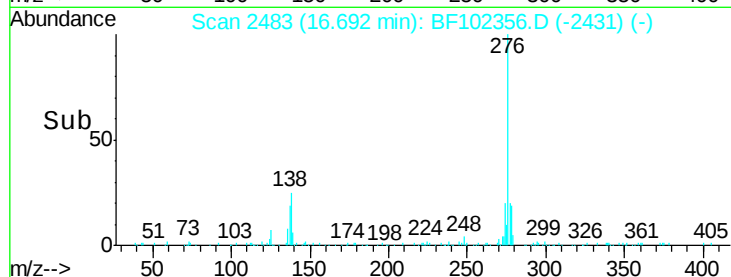
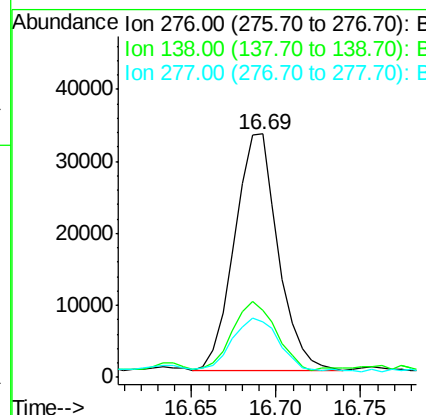
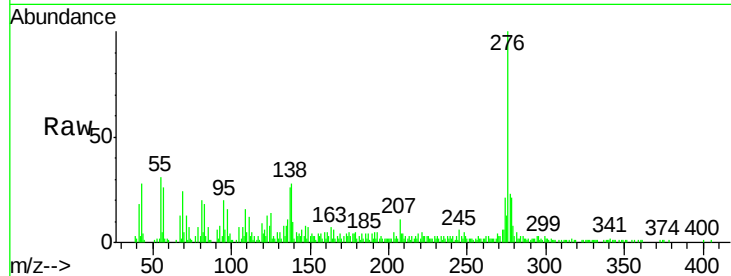
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.570 ng
 RT: 16.69 min Scan# 2483
 Delta R.T. 0.01 min
 Lab File: BF102356.D
 Acq: 23 Jan 2018 21:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-0-2.0

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.0	25.0	37.6
277	26.0	20.1	30.1

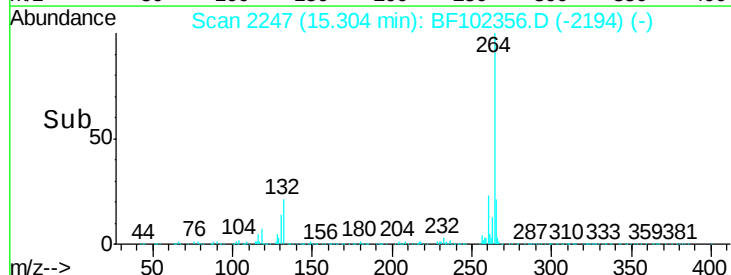
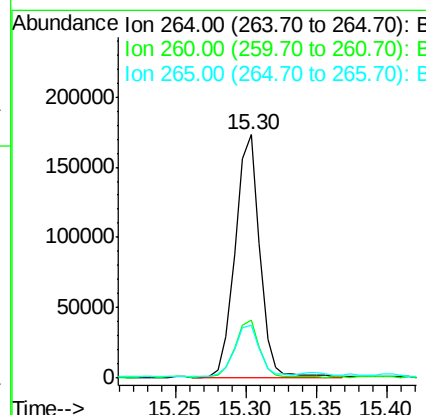
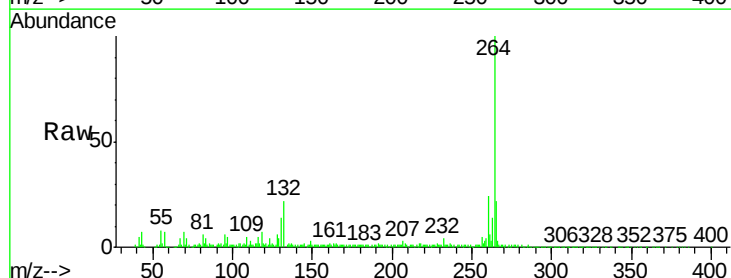
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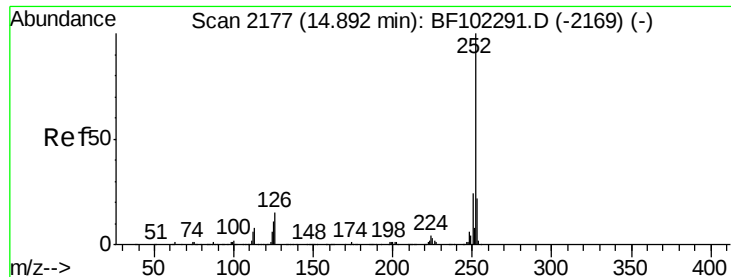
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. 0.01 min
 Lab File: BF102356.D
 Acq: 23 Jan 2018 21:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.6	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 12.264 ng m

RT: 14.89 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BF102356.D

Acq: 23 Jan 2018 21:45

Instrument :

BNA_F

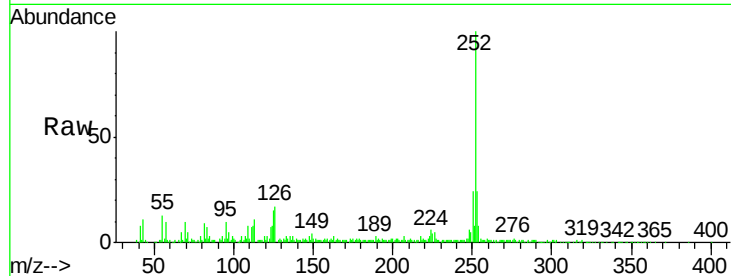
ClientSampleId :

SB-11-0-2.0

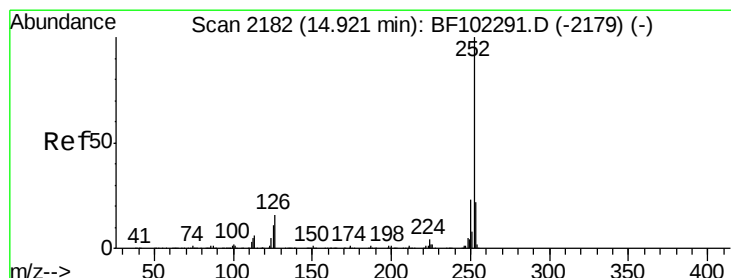
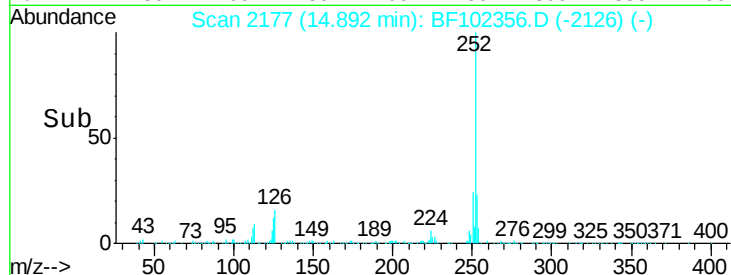
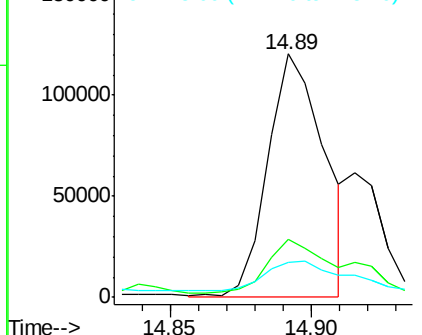
Tgt Ion:	252	Resp:	166224
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.0	25.6
125	14.6	9.0	13.6#

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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



#88

Benzo(k)fluoranthene

Concen: 4.186 ng m

RT: 14.92 min Scan# 2181

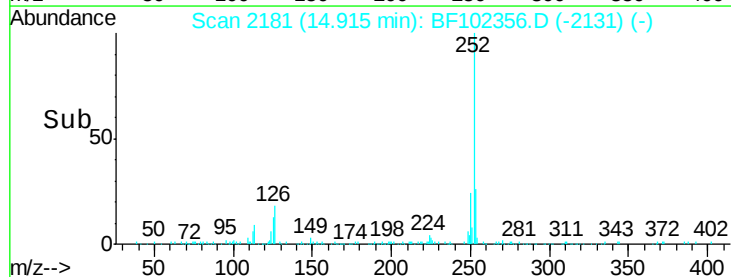
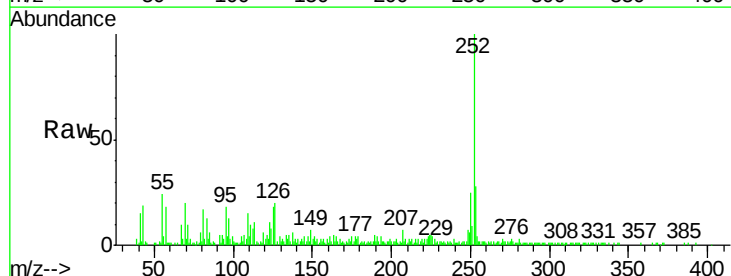
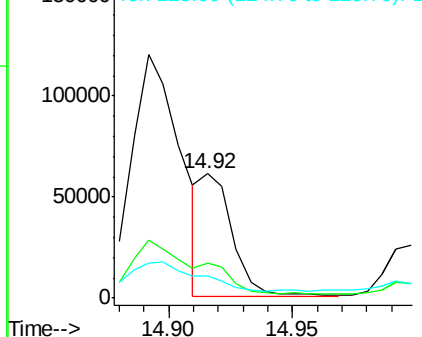
Delta R.T. -0.01 min

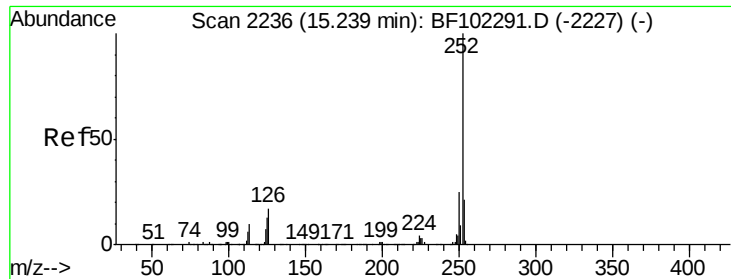
Lab File: BF102356.D

Acq: 23 Jan 2018 21:45

Tgt Ion:	252	Resp:	53606
Ion Ratio	Lower	Upper	
252	100		
253	27.7	17.9	26.9#
125	18.3	10.2	15.2#

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





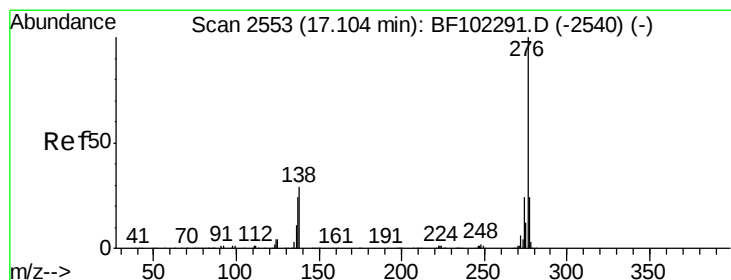
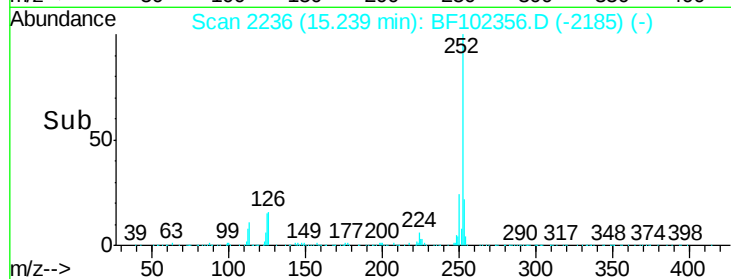
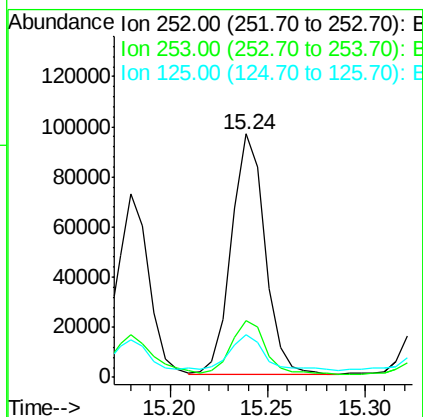
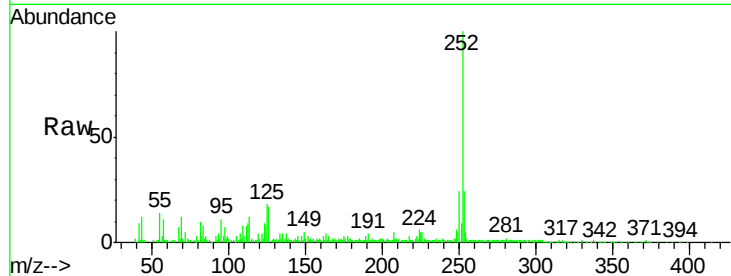
#89
Benzo(a)pyrene
Concen: 9.391 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF102356.D
Acq: 23 Jan 2018 21:45

Instrument :
BNA_F
ClientSampleId :
SB-11-0-2.0

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	17.5	9.8	14.6

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#91
Benzo(g,h,i)perylene
Concen: 6.255 ng
RT: 17.11 min Scan# 2554
Delta R.T. 0.01 min
Lab File: BF102356.D
Acq: 23 Jan 2018 21:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	33.0	21.8	32.8

