

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF011218\
 Data File : BF102059.D
 Acq On : 12 Jan 2018 22:39
 Operator : SJ/JU
 Sample : J1015-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-011118-B

Manual Integrations
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Sohil
 1/15/2018 4:22:23 PM

Quant Time: Jan 13 01:07:54 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	233362	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	874855	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	325159	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	472801	20.00	ng	0.00
75) Chrysene-d12	13.89	240	384154	20.00	ng	0.00
86) Perylene-d12	15.32	264	302834	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1478255	89.45	ng	0.01
7) Phenol-d6	6.37	99	1767938	89.66	ng	0.00
23) Nitrobenzene-d5	7.30	82	1066148	71.61	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	256312	90.33	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1619085	77.79	ng	0.00
78) Terphenyl-d14	12.84	244	1102917	59.61	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.38	94	88322	3.964	ng	98
31) Naphthalene	8.03	128	144354	3.302	ng	99
37) 2-Methylnaphthalene	8.72	142	113840	3.956	ng	99
48) Acenaphthylene	9.63	152	329379	9.313	ng	100
49) Dimethylphthalate	9.48	163	197633	7.577	ng	99
57) Fluorene	10.31	166	118697	5.828	ng	97
70) Phenanthrene	11.27	178	539321	19.528	ng	99
71) Anthracene	11.32	178	250877	8.957	ng	99
74) Fluoranthene	12.46	202	655464	24.123	ng	98
77) Pyrene	12.69	202	813223	23.949	ng	99
80) Benzo(a)anthracene	13.87	228	432353m	17.640	ng	
82) Chrysene	13.91	228	438472	17.156	ng	98
85) Indeno(1,2,3-cd)pyrene	16.70	276	166149	8.932	ng	99
87) Benzo(b)fluoranthene	14.91	252	423215m	21.433	ng	
88) Benzo(k)fluoranthene	14.93	252	160316m	8.416	ng	
89) Benzo(a)pyrene	15.26	252	317144	17.849	ng	# 96
90) Dibenzo(a,h)anthracene	16.71	278	46690	3.293	ng	# 76
91) Benzo(g,h,i)perylene	17.12	276	176471	12.355	ng	95

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

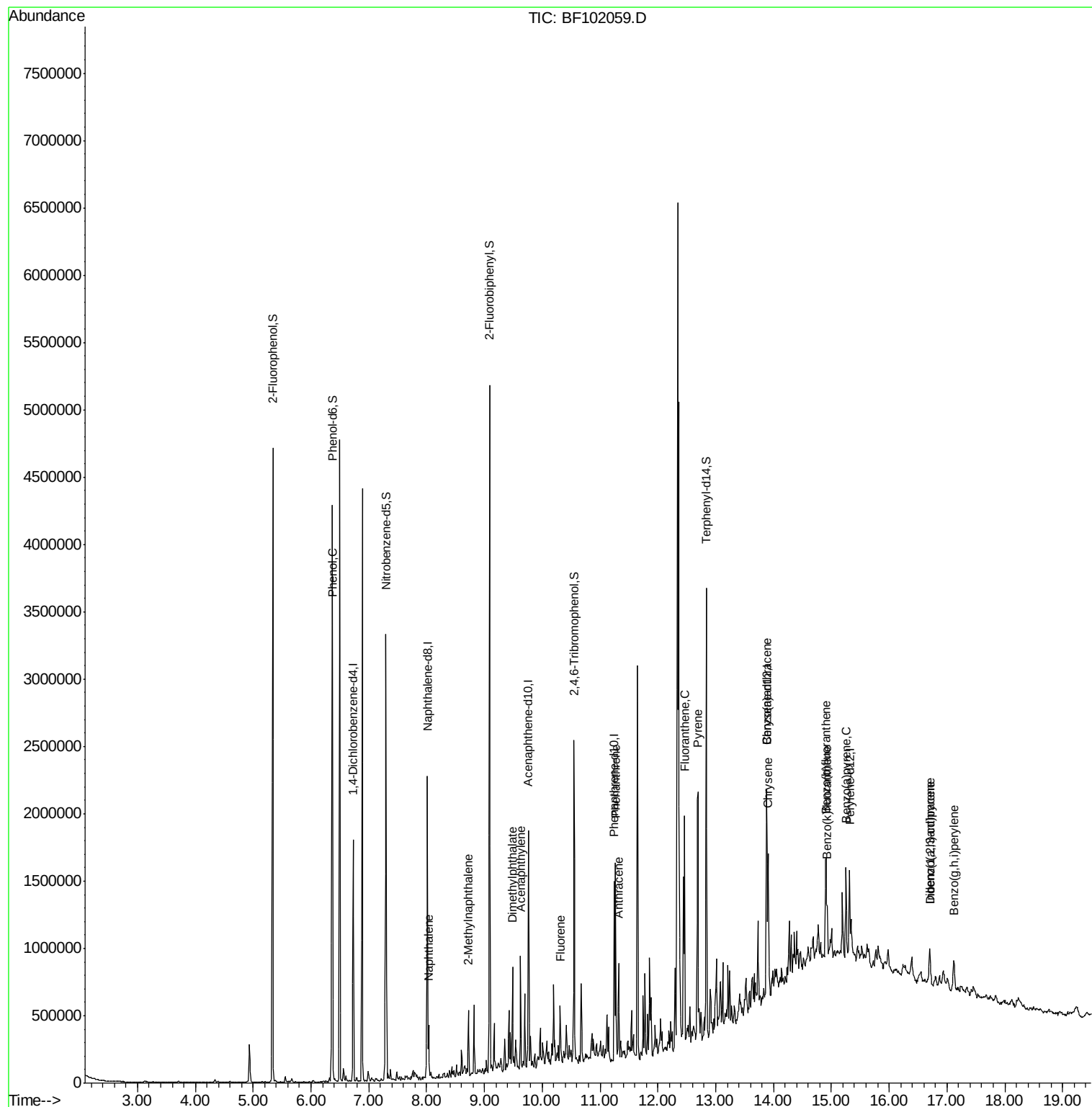
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF011218\
Data File : BF102059.D
Acq On : 12 Jan 2018 22:39
Operator : SJ/JU
Sample : J1015-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

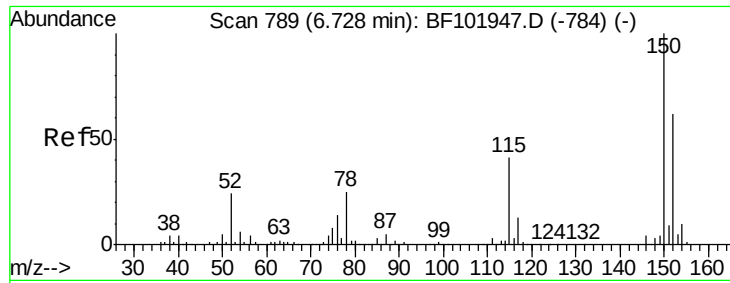
Instrument :
BNA_F
ClientSampleId :
CL-02-011118-B

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Quant Time: Jan 13 01:07:54 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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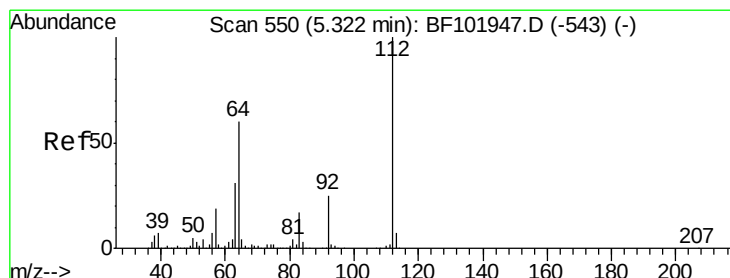
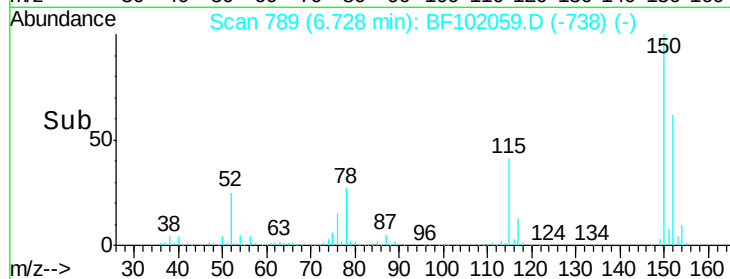
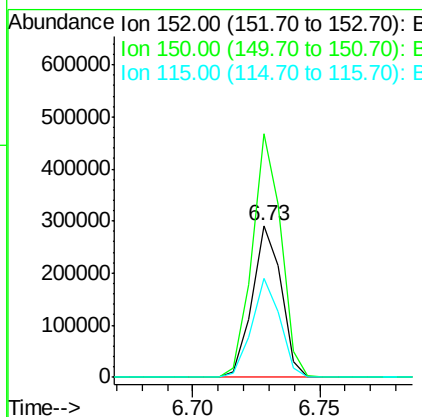
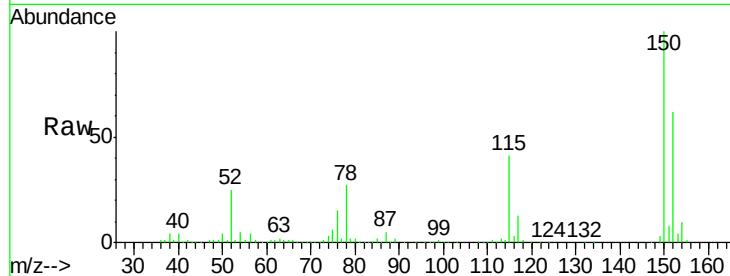
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF102059.D
 Acq: 12 Jan 2018 22:39

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-011118-B

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.6	186.8
115	65.0	50.1	75.1

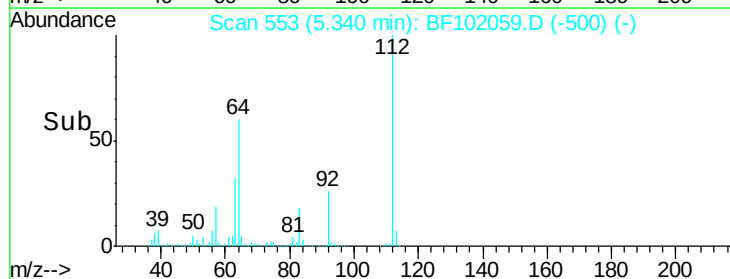
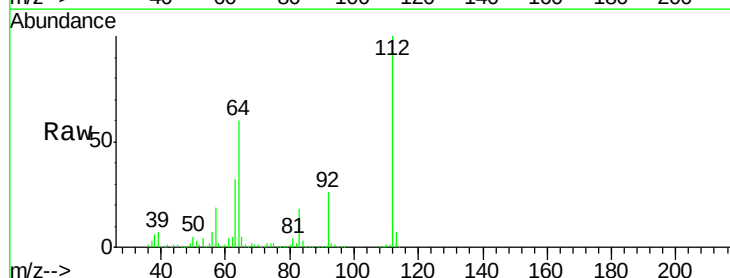
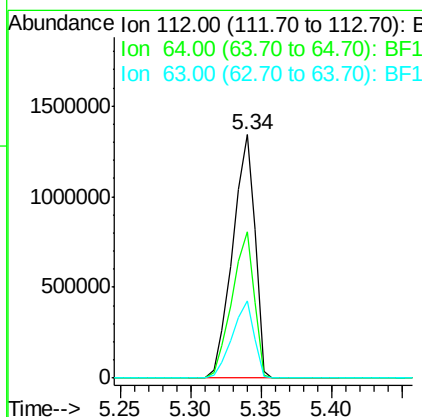
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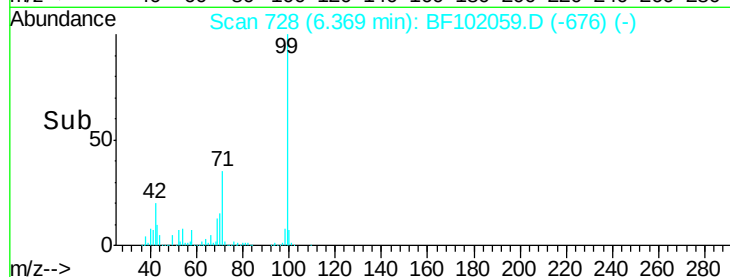
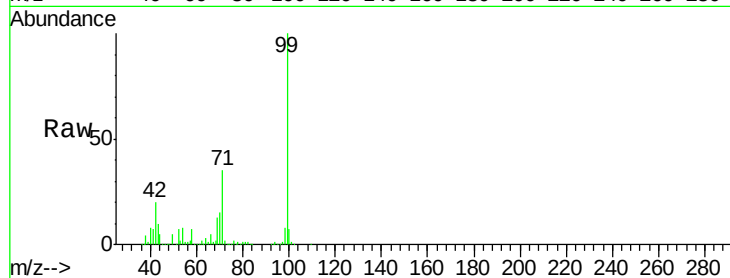
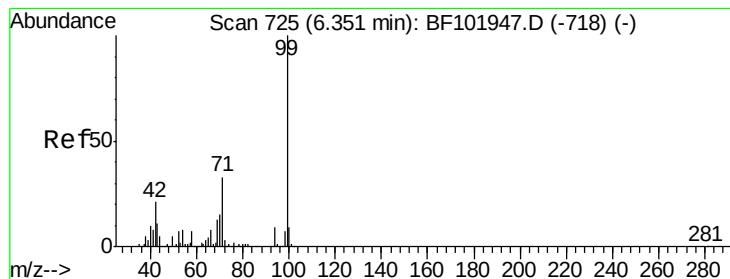
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#5
 2-Fluorophenol
 Concen: 89.450 ng
 RT: 5.34 min Scan# 553
 Delta R.T. 0.01 min
 Lab File: BF102059.D
 Acq: 12 Jan 2018 22:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	47.9	71.9
63	31.5	23.7	35.5





#7

Phenol-d6

Concen: 89.664 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102059.D

Acq: 12 Jan 2018 22:39

Tgt Ion:	99	Resp:	1767938
Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.5	21.7
71	34.8	25.4	38.0

Instrument :

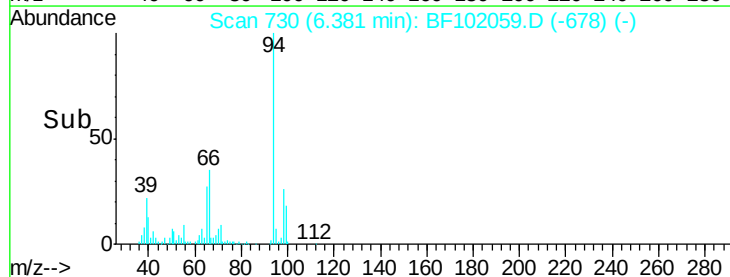
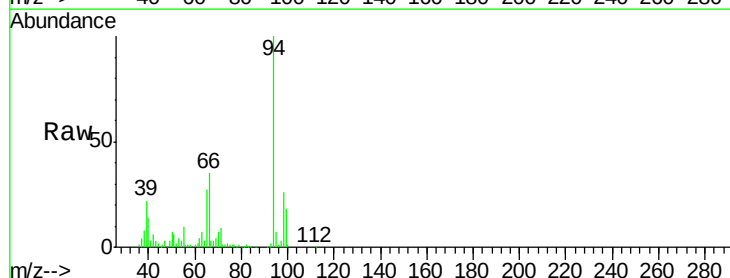
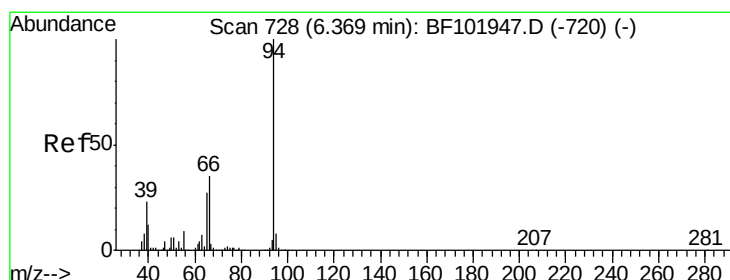
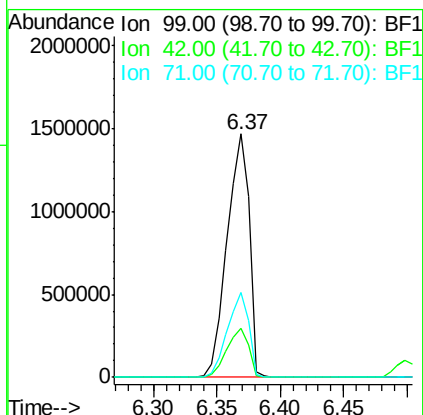
BNA_F

ClientSampleId :

CL-02-011118-B

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#10

Phenol

Concen: 3.964 ng

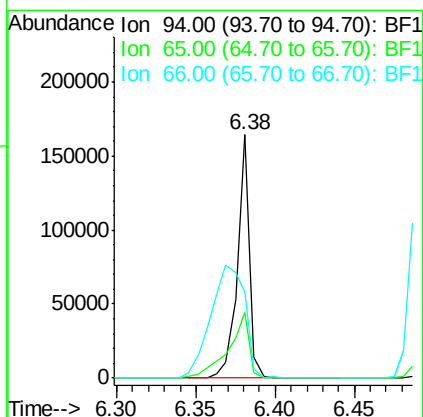
RT: 6.38 min Scan# 730

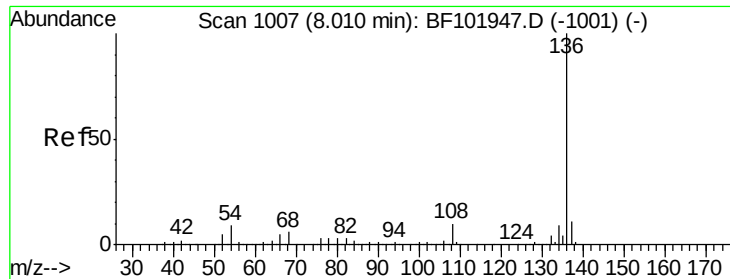
Delta R.T. 0.01 min

Lab File: BF102059.D

Acq: 12 Jan 2018 22:39

Tgt Ion:	94	Resp:	88322
Ion	Ratio	Lower	Upper
94	100		
65	27.2	7.9	47.9
66	35.2	16.2	56.2





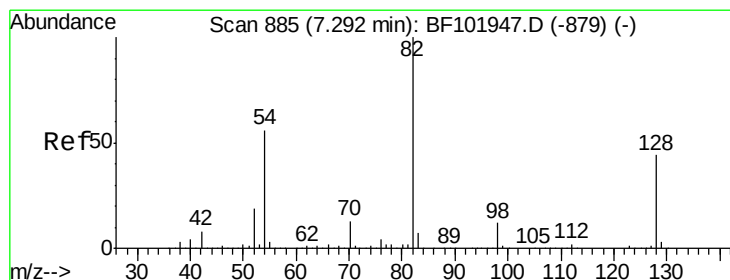
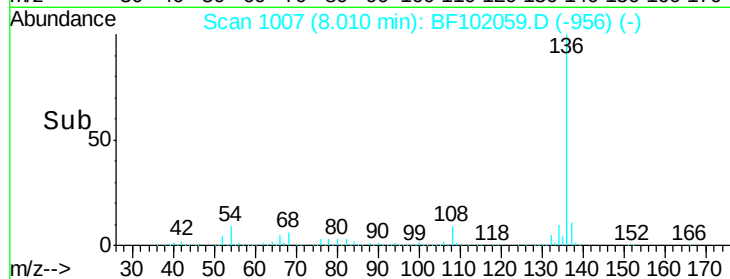
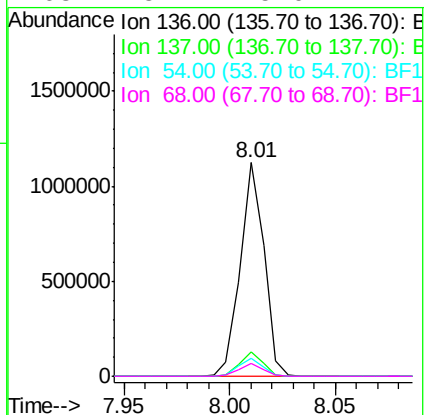
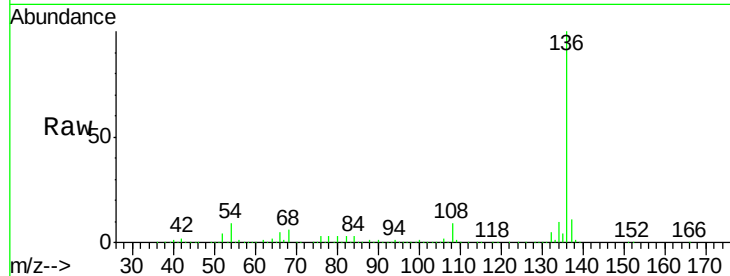
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Instrument :
BNA_F
ClientSampleId :
CL-02-011118-B

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.4	8.9	13.3
54	8.5	6.6	9.8
68	5.7	5.0	7.4

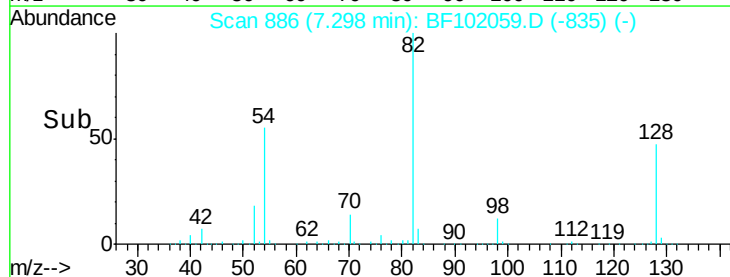
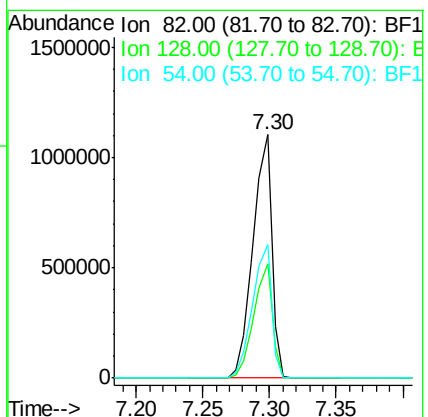
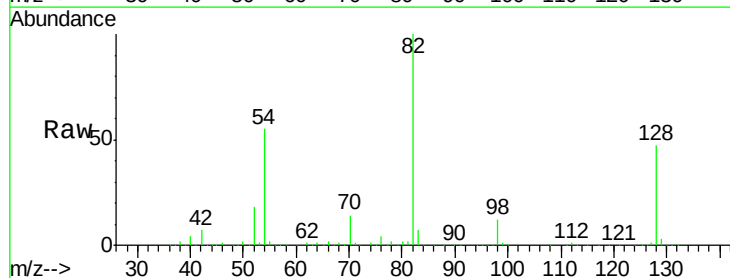
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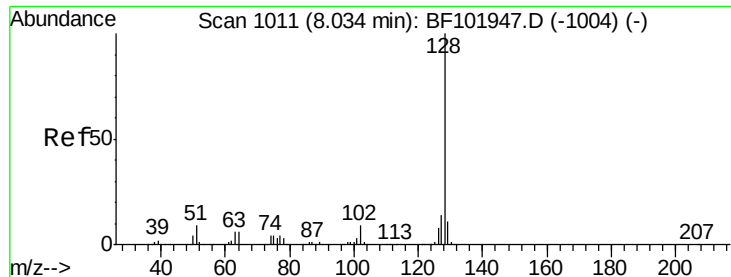
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#23
Nitrobenzene-d5
Concen: 71.613 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	47.1	36.1	54.1
54	54.8	41.4	62.2





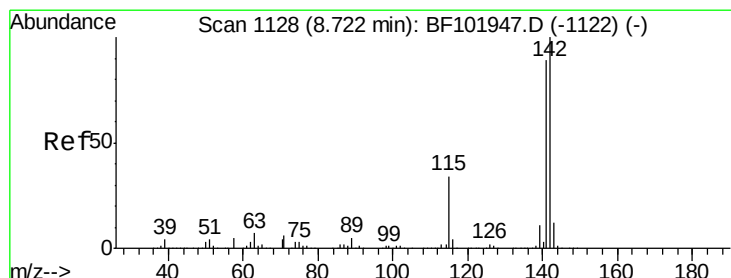
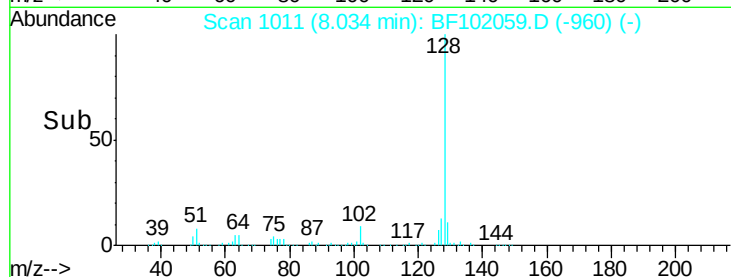
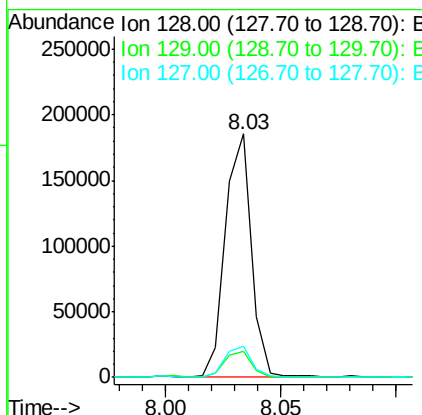
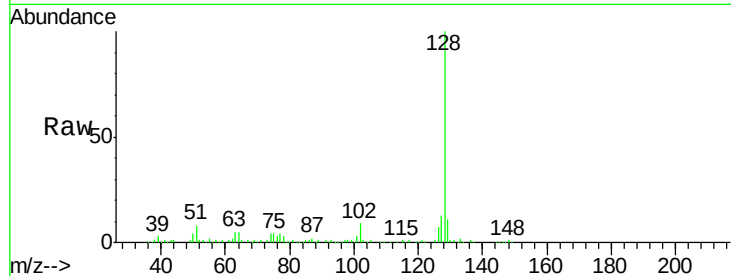
#31
Naphthalene
Concen: 3.302 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Instrument :
BNA_F
ClientSampleId :
CL-02-011118-B

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	144354		
129	10.7		8.8	13.2
127	12.8		10.9	16.3

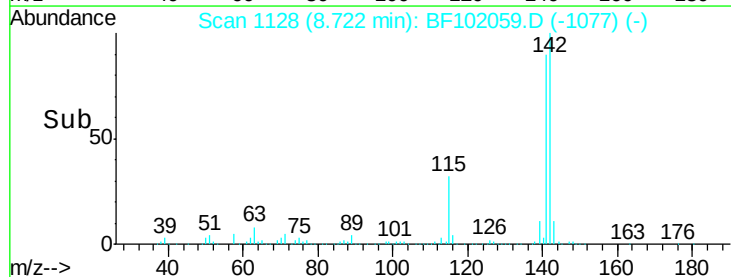
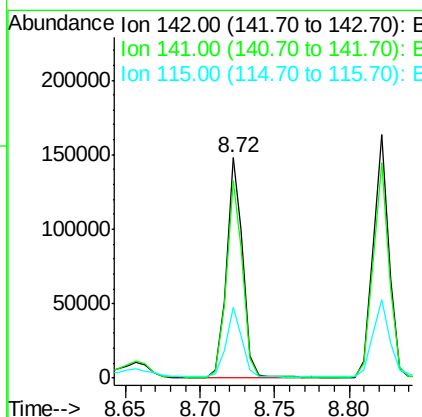
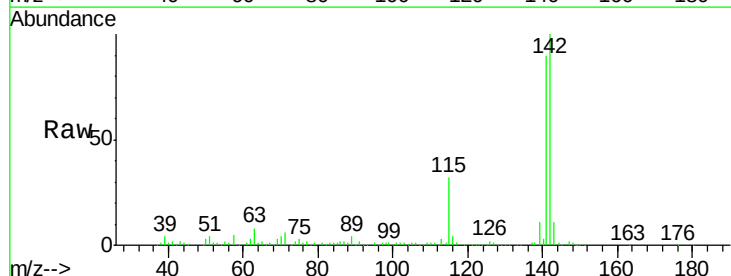
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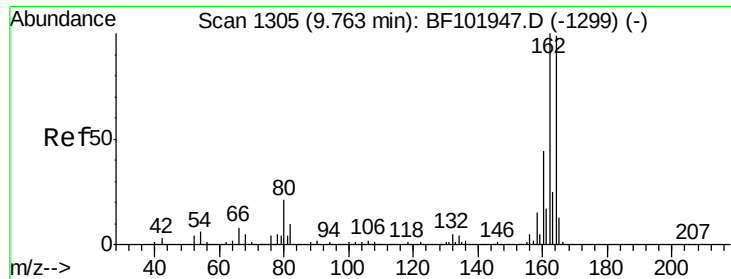
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#37
2-Methylnaphthalene
Concen: 3.956 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	113840		
141	89.8		70.8	106.2
115	32.1		26.1	39.1





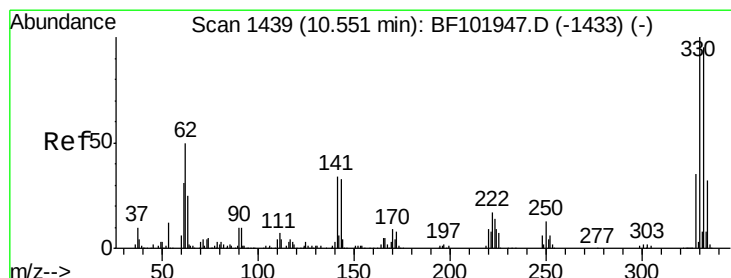
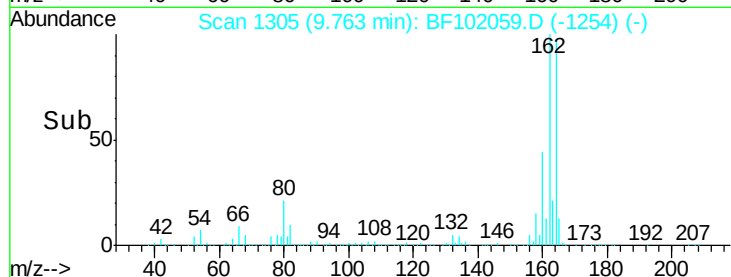
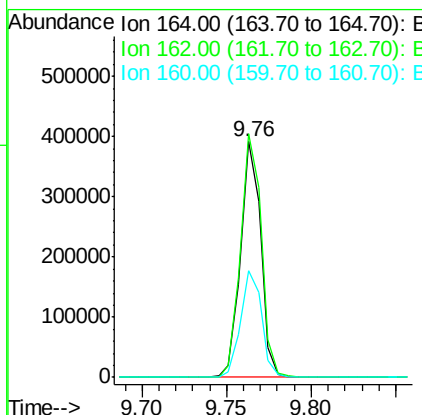
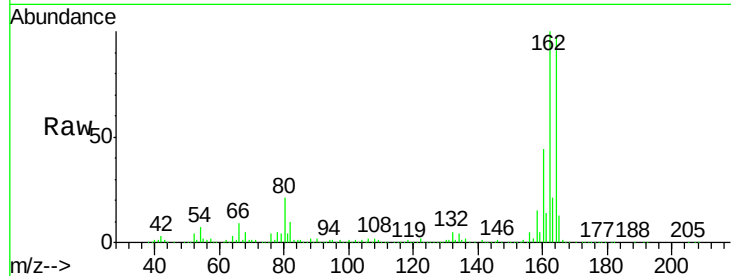
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Instrument :
BNA_F
ClientSampleId :
CL-02-011118-B

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.4	86.1	129.1	
160	45.5	38.3	57.5	

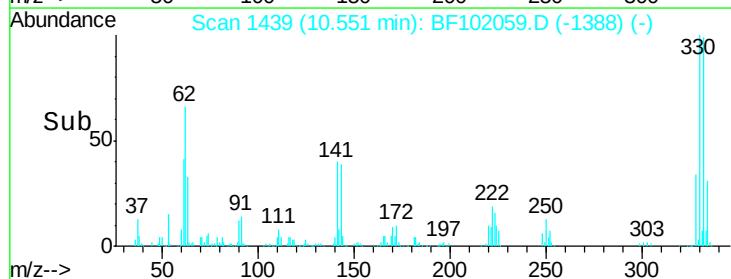
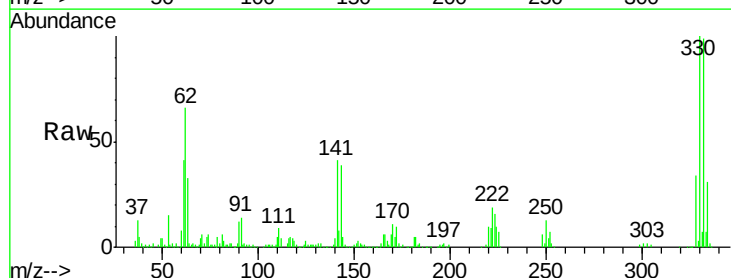
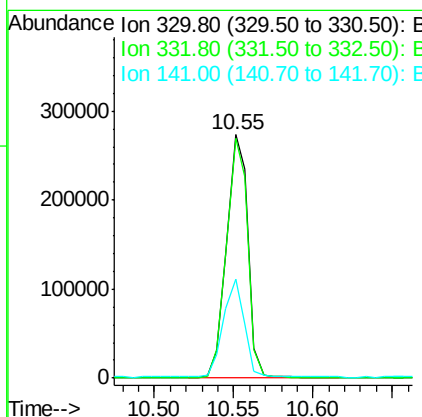
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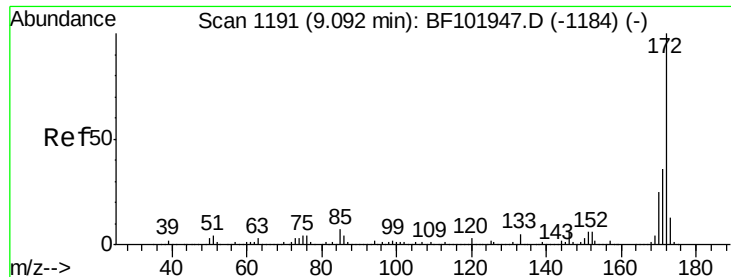
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#41
2,4,6-Tribromophenol
Concen: 90.326 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.5	77.0	115.6	
141	40.2	29.9	44.9	





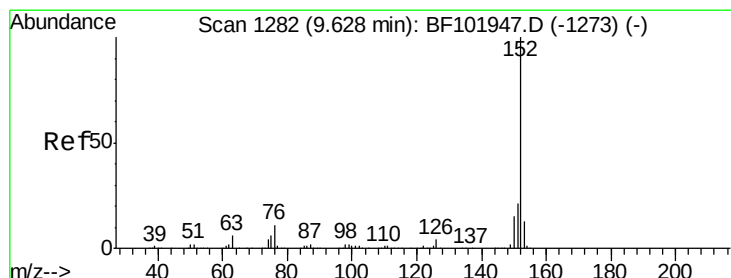
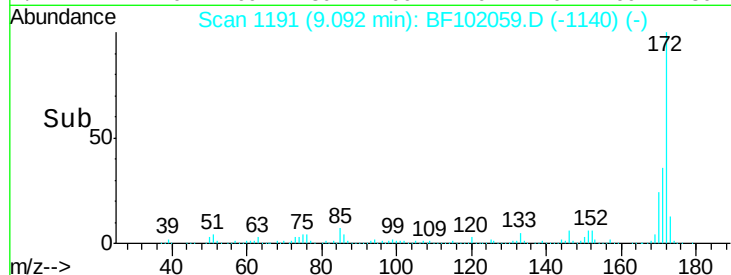
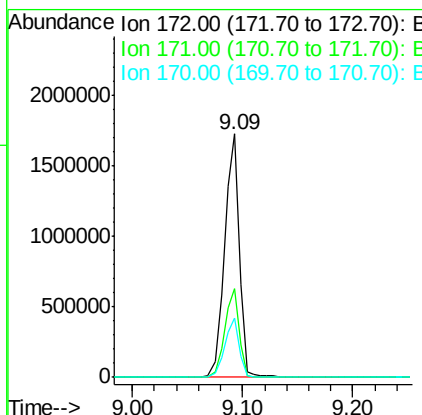
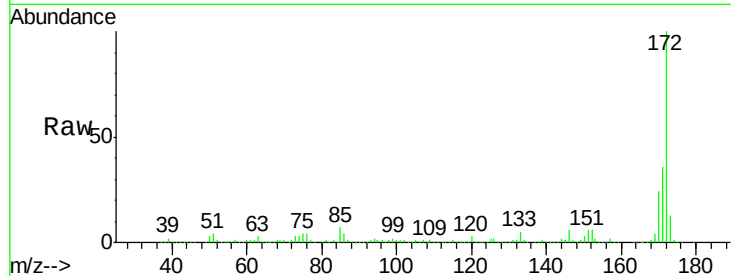
#44
2-Fluorobiphenyl
Concen: 77.791 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Instrument :
BNA_F
ClientSampleId :
CL-02-011118-B

Tgt Ion:172 Resp: 1619085
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.4 19.6 29.4

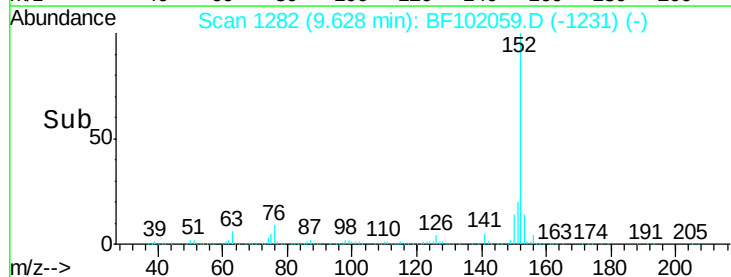
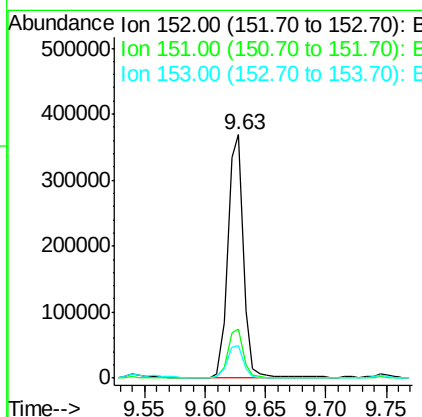
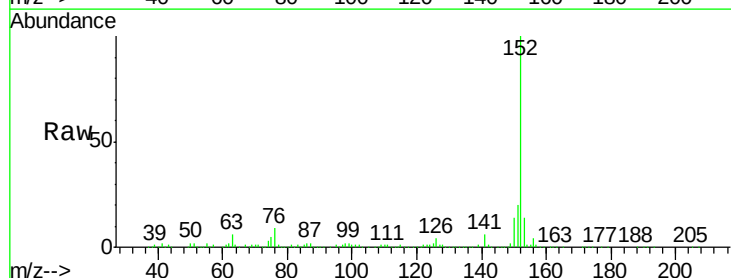
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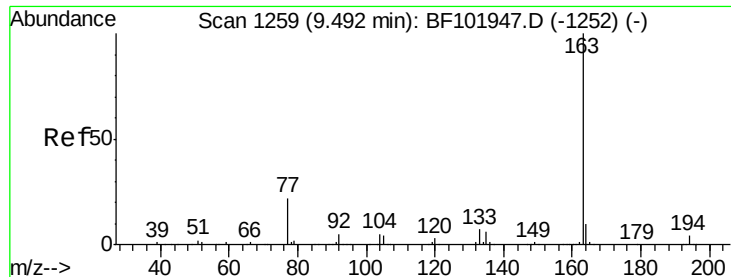
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#48
Acenaphthylene
Concen: 9.313 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Tgt Ion:152 Resp: 329379
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.5 10.7 16.1





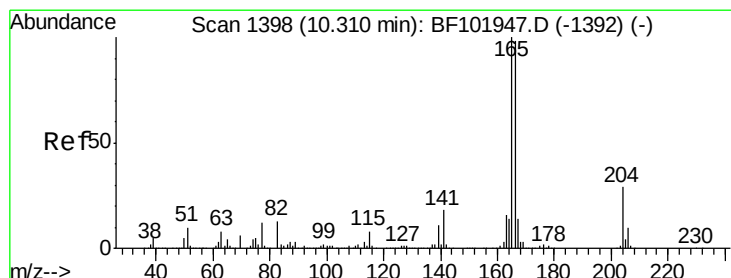
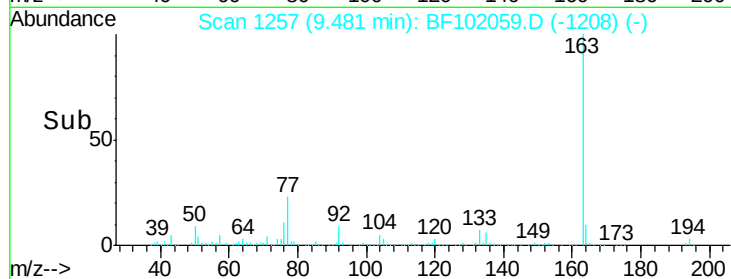
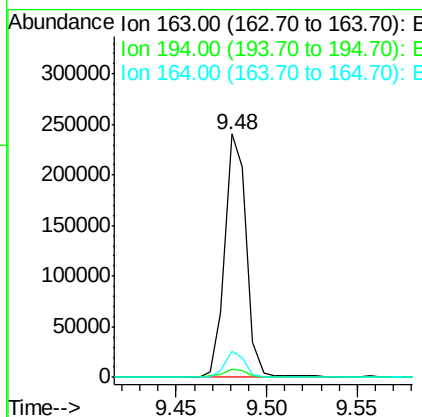
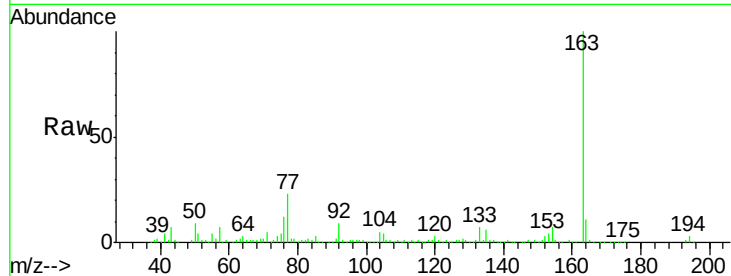
#49
Dimethylphthalate
Concen: 7.577 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Instrument :
BNA_F
ClientSampleId :
CL-02-011118-B

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.1	2.7	4.1
164	10.5	8.2	12.2

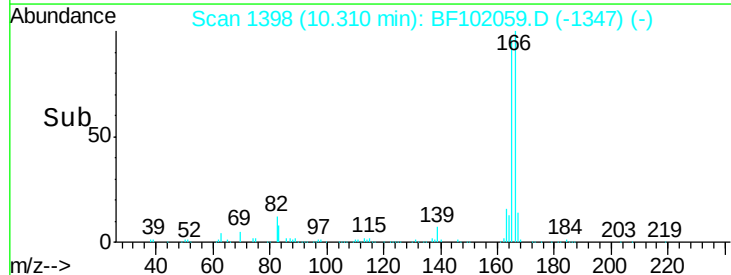
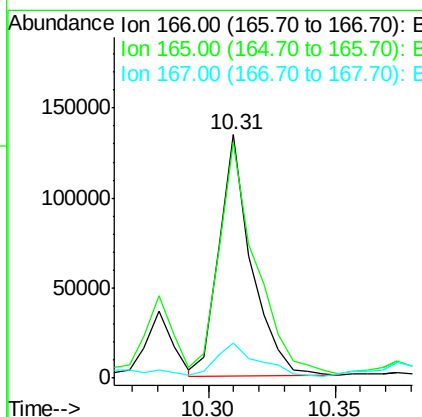
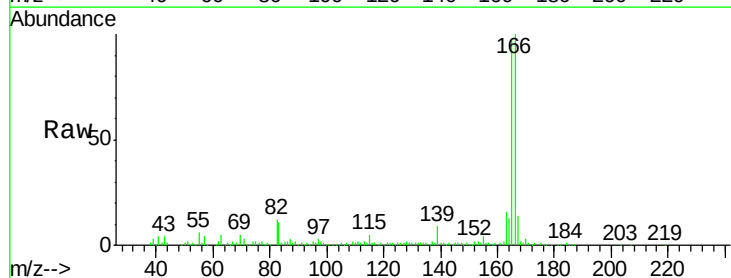
Manual Integrations
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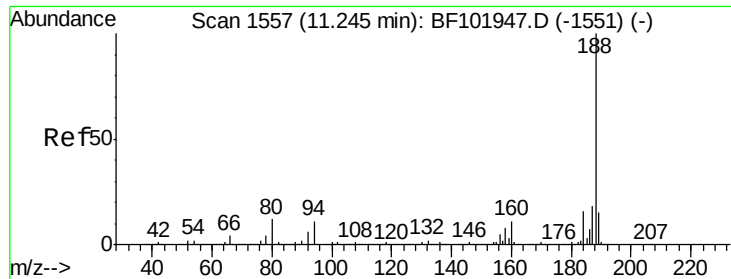
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#57
Fluorene
Concen: 5.828 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	96.9	79.8	119.8
167	14.2	10.6	16.0





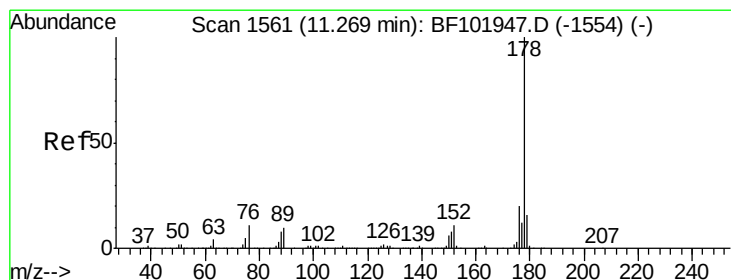
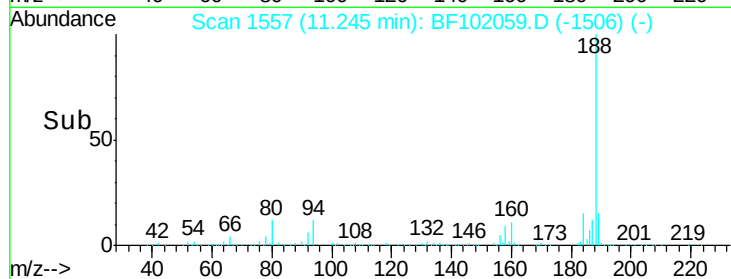
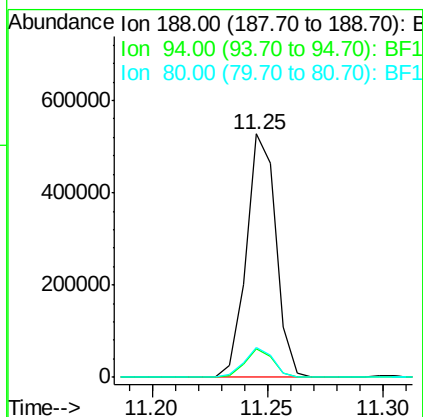
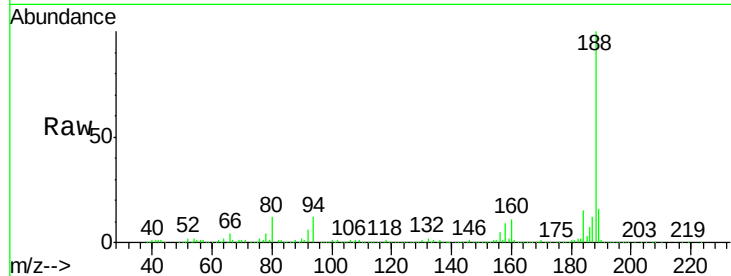
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: BF102059.D
 Acq: 12 Jan 2018 22:39

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-011118-B

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	472801		
94	11.7		8.5	12.7
80	12.0		9.2	13.8

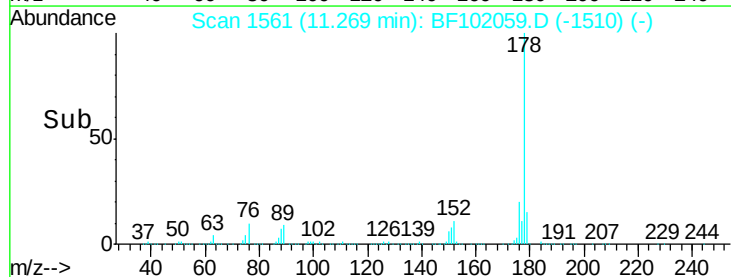
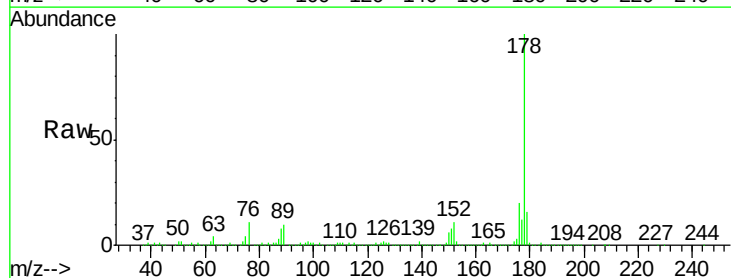
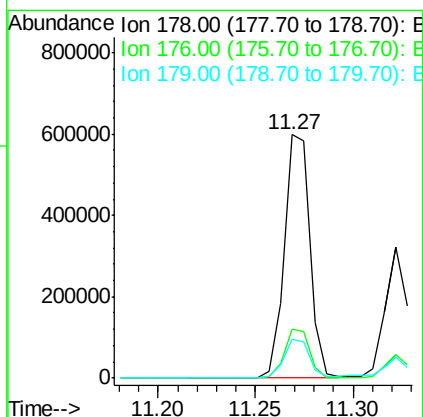
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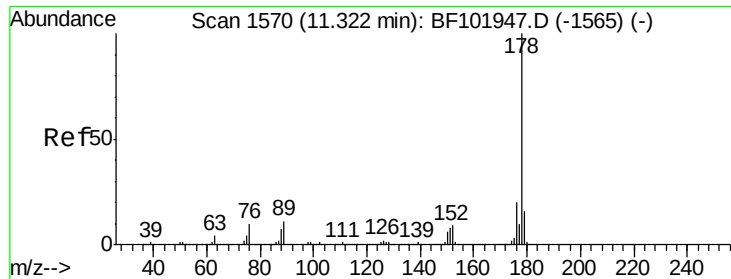
Sohil
 1/15/2018 4:22:23 PM



#70
 Phenanthrene
 Concen: 19.528 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. 0.00 min
 Lab File: BF102059.D
 Acq: 12 Jan 2018 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	539321		
176	20.2		15.8	23.8
179	16.1		13.0	19.6





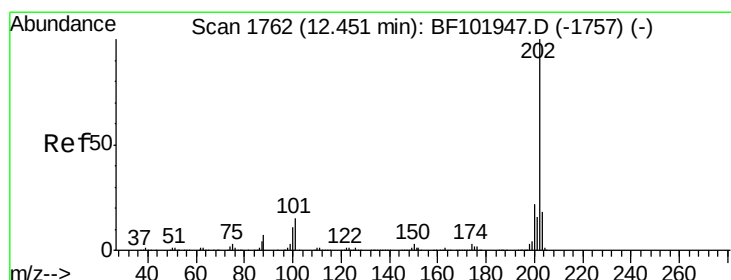
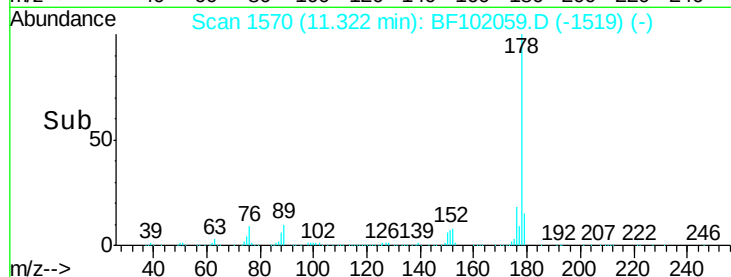
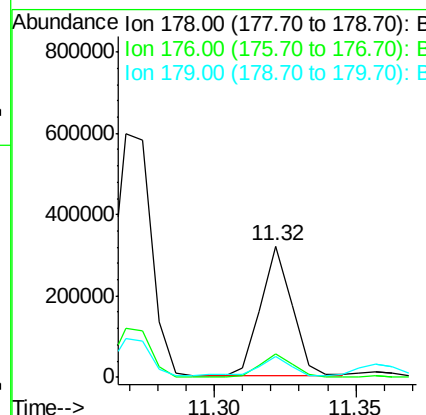
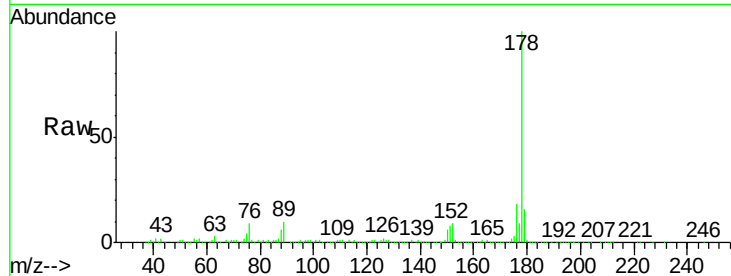
#71
 Anthracene
 Concen: 8.957 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BF102059.D
 Acq: 12 Jan 2018 22:39

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-011118-B

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	15.6	12.6	19.0

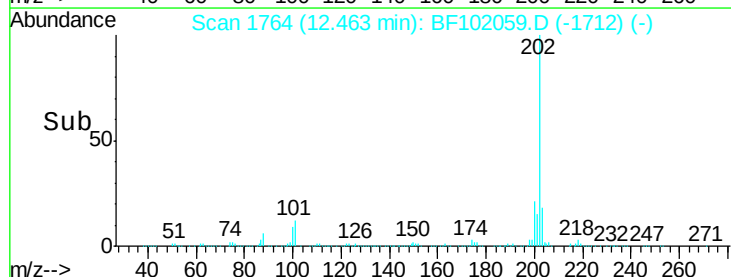
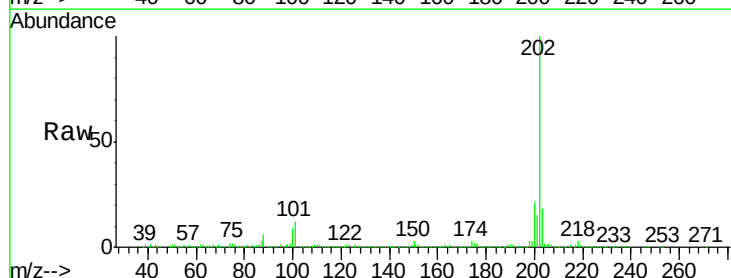
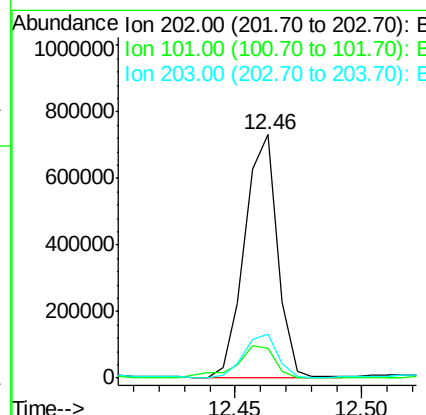
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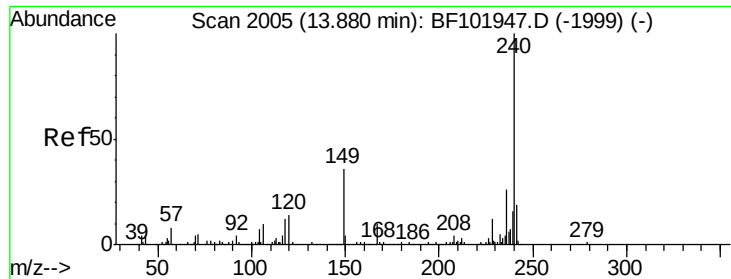
Sohil
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#74
 Fluoranthene
 Concen: 24.123 ng
 RT: 12.46 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: BF102059.D
 Acq: 12 Jan 2018 22:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	34.1
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF102059.D

Acq: 12 Jan 2018 22:39

Instrument :

BNA_F

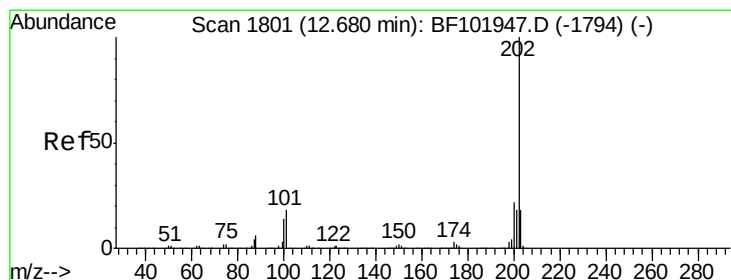
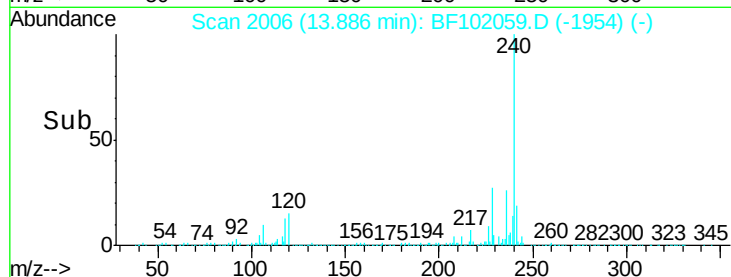
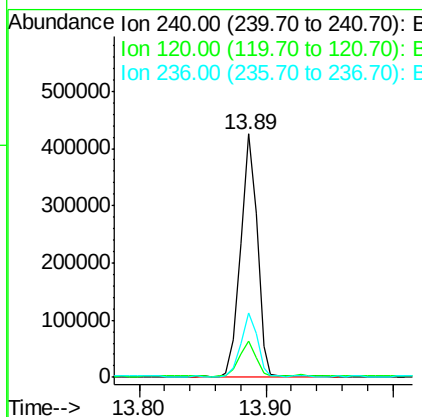
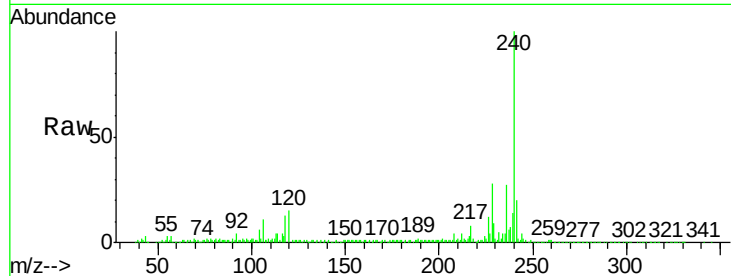
ClientSampleId :

CL-02-011118-B

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	384154		
120	14.8	9.5	14.3#	
236	26.5	20.7	31.1	

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#77

Pyrene

Concen: 23.949 ng

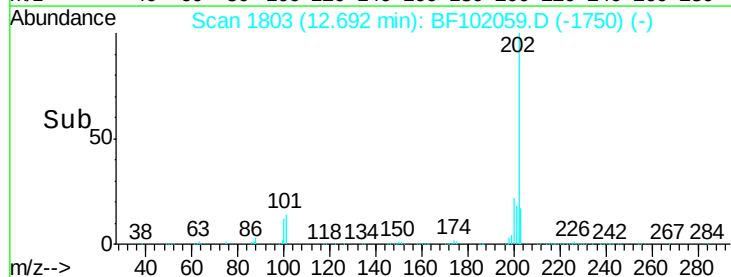
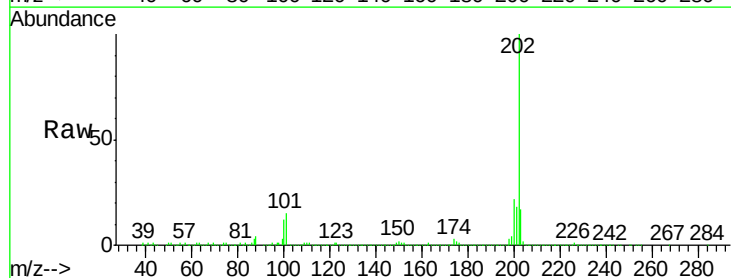
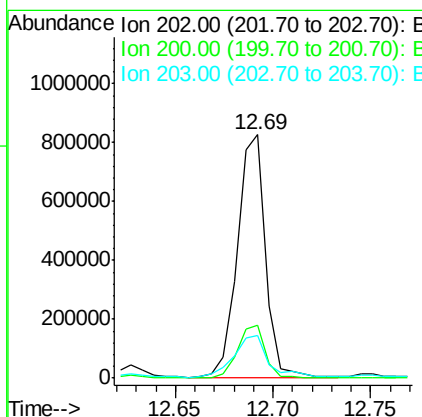
RT: 12.69 min Scan# 1803

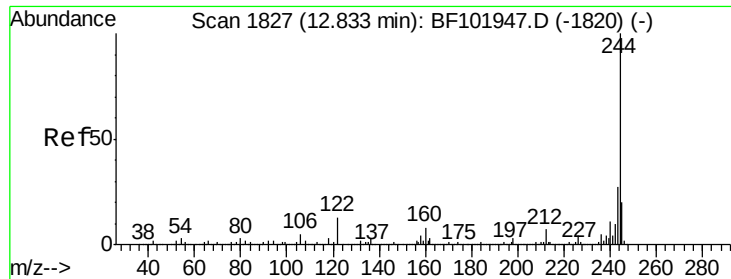
Delta R.T. 0.01 min

Lab File: BF102059.D

Acq: 12 Jan 2018 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	813223		
200	21.7	17.4	26.2	
203	17.5	14.3	21.5	





#78

Terphenyl-d14

Concen: 59.610 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF102059.D

Acq: 12 Jan 2018 22:39

Instrument :

BNA_F

ClientSampleId :

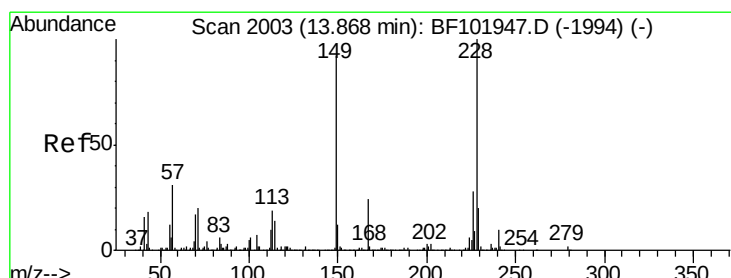
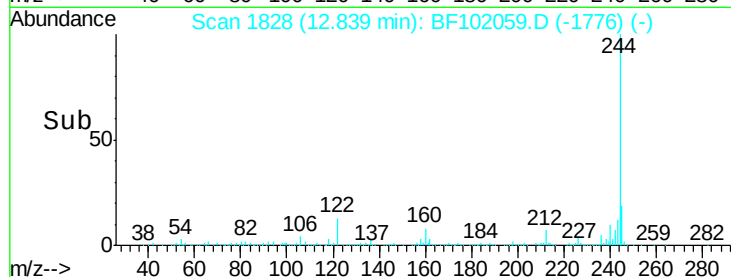
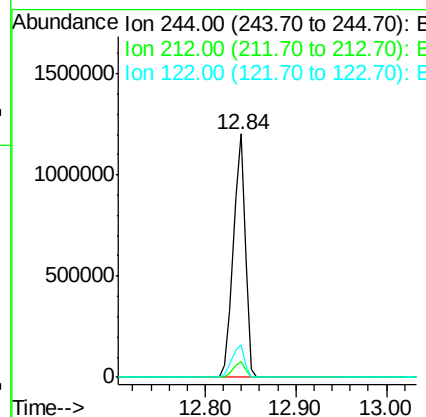
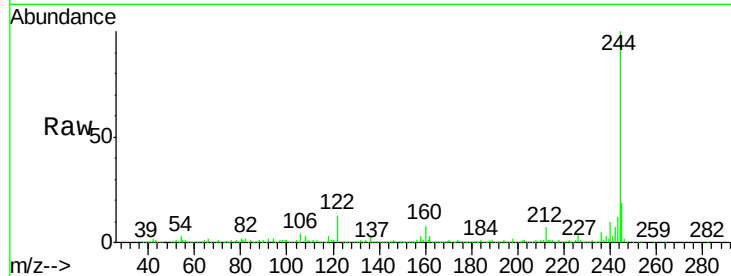
CL-02-011118-B

Tgt Ion:244 Resp: 1102917

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.3	11.0	16.4

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#80

Benzo(a)anthracene

Concen: 17.640 ng m

RT: 13.87 min Scan# 2004

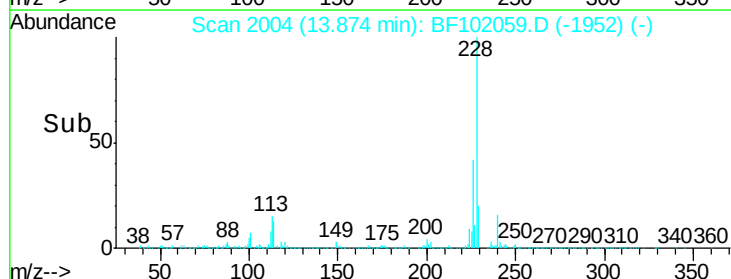
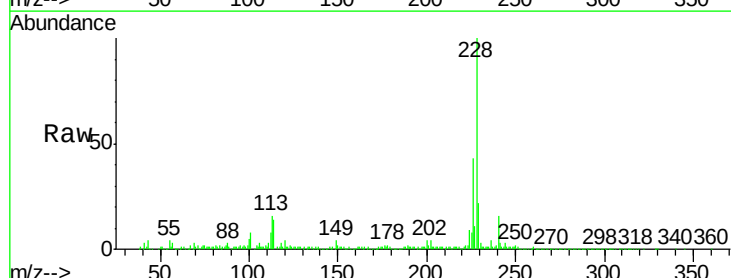
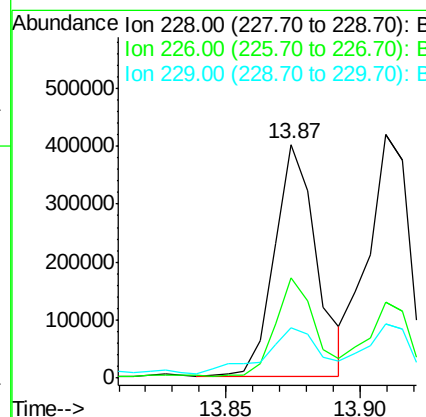
Delta R.T. 0.01 min

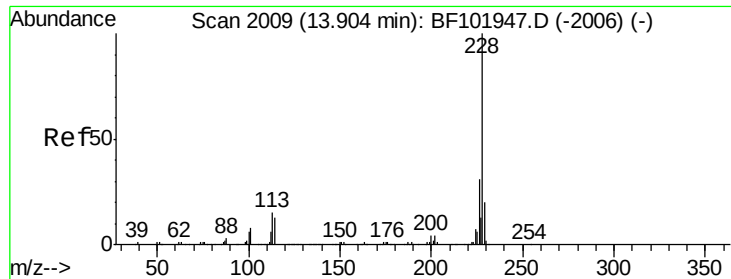
Lab File: BF102059.D

Acq: 12 Jan 2018 22:39

Tgt Ion:228 Resp: 432353

Ion	Ratio	Lower	Upper
228	100		
226	42.8	22.6	33.8#
229	21.6	15.8	23.6





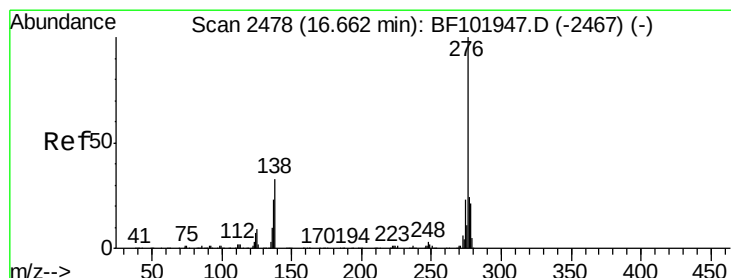
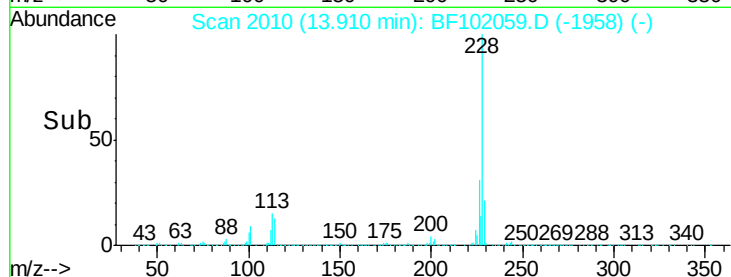
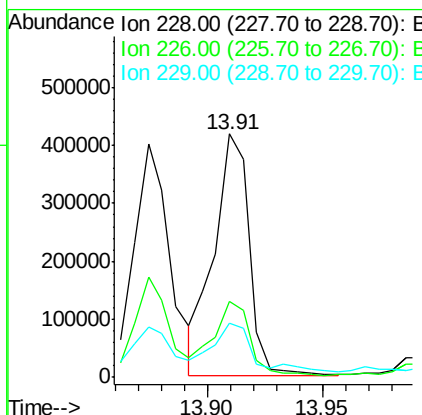
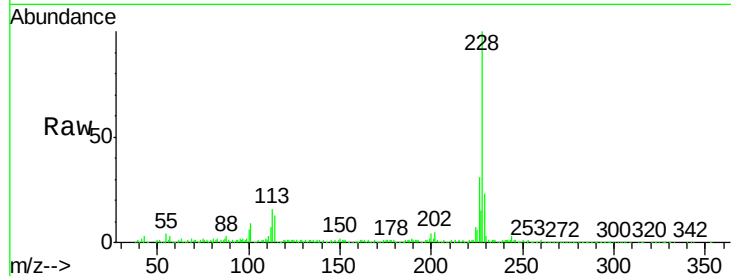
#82
Chrysene
Concen: 17.156 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Instrument :
BNA_F
ClientSampleId :
CL-02-011118-B

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	438472		
226	31.3	25.0	37.6	
229	22.5	16.2	24.4	

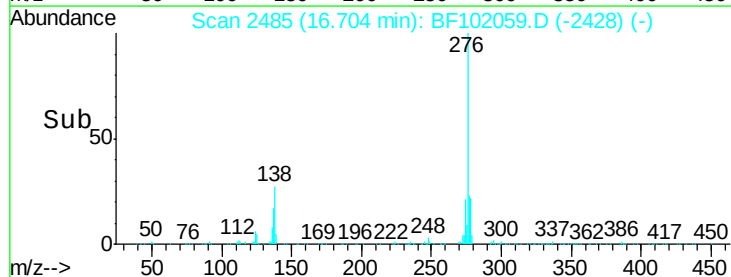
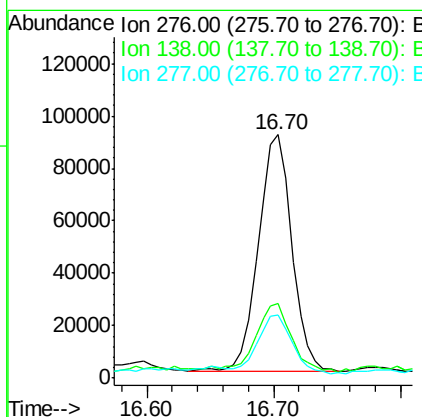
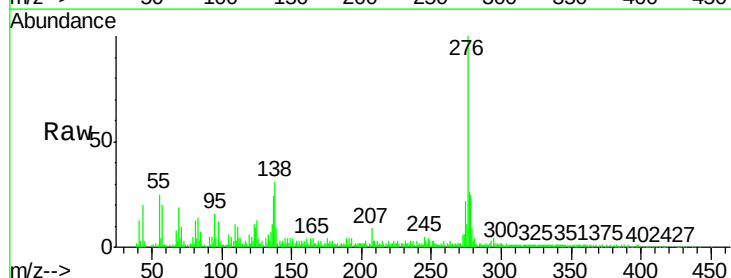
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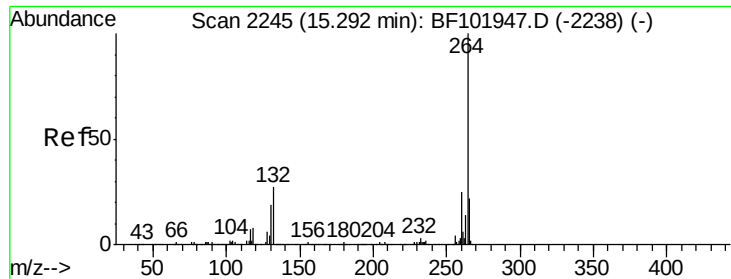
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#85
Indeno(1,2,3-cd)pyrene
Concen: 8.932 ng
RT: 16.70 min Scan# 2485
Delta R.T. 0.04 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	166149		
138	31.9	25.0	37.6	
277	25.4	20.1	30.1	





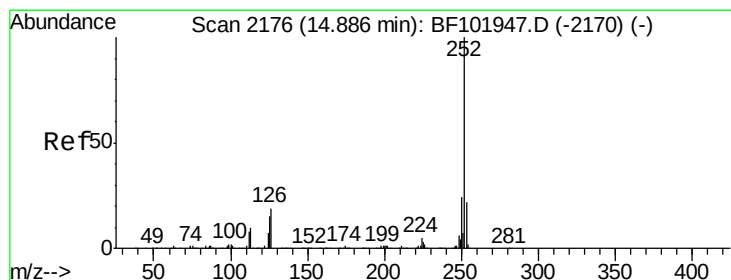
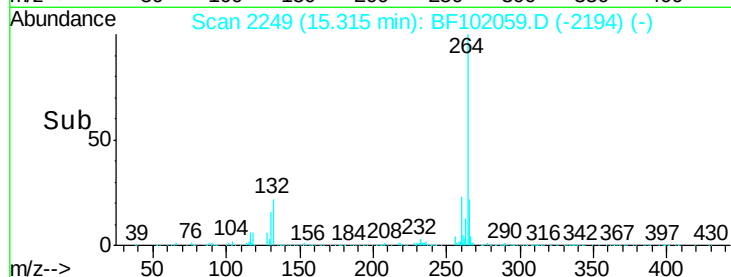
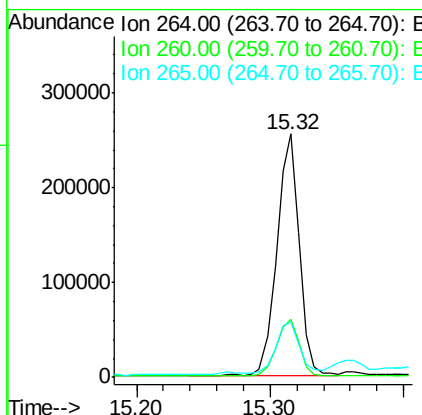
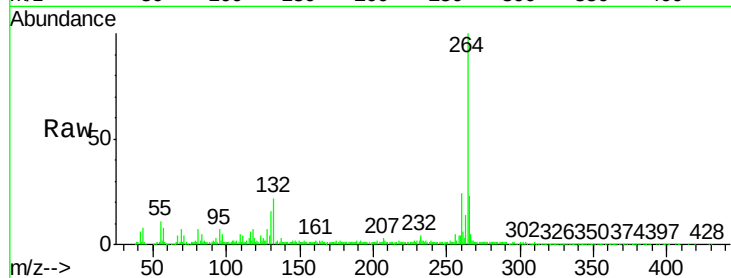
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.02 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Instrument :
BNA_F
ClientSampleId :
CL-02-011118-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.9	17.5	26.3

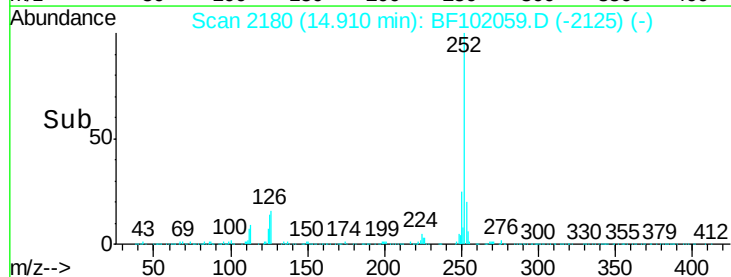
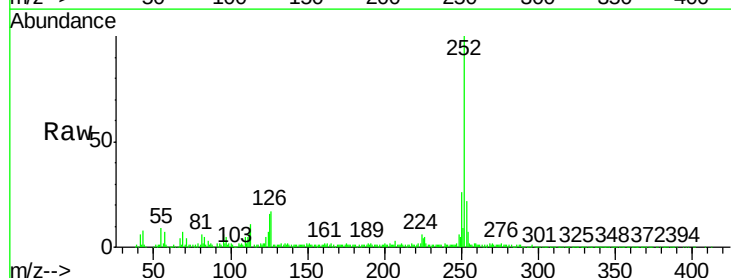
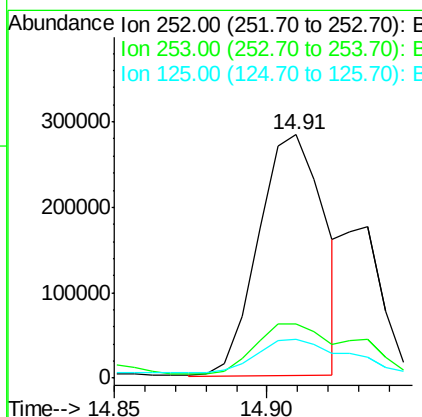
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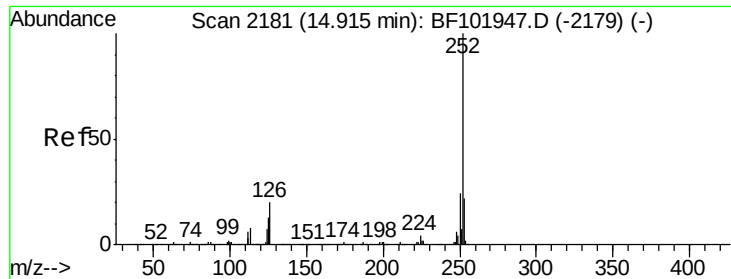
Sohil
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#87
Benzo(b)fluoranthene
Concen: 21.433 ng m
RT: 14.91 min Scan# 2180
Delta R.T. 0.02 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	16.2	9.0	13.6





#88

Benzo(k)fluoranthene

Concen: 8.416 ng m

RT: 14.93 min Scan# 2184

Delta R.T. 0.02 min

Lab File: BF102059.D

Acq: 12 Jan 2018 22:39

Instrument :

BNA_F

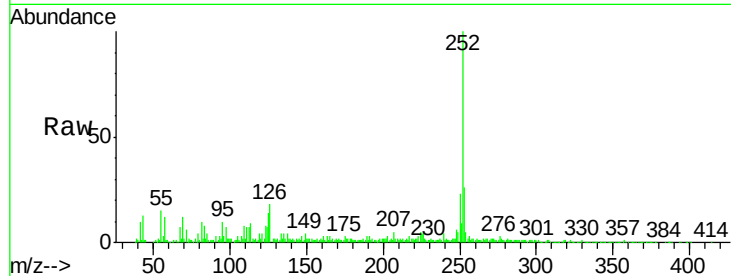
ClientSampleId :

CL-02-011118-B

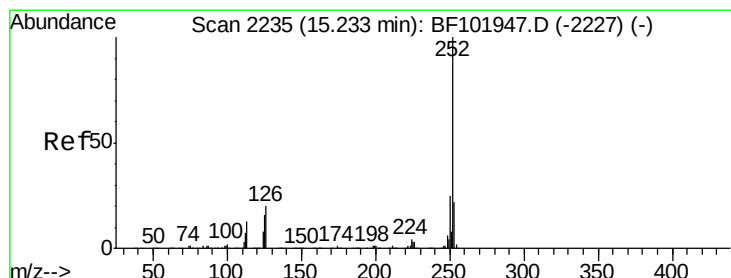
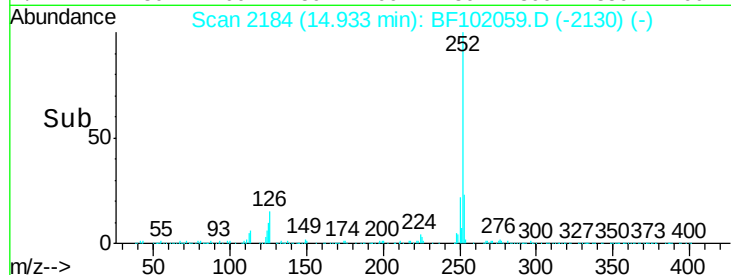
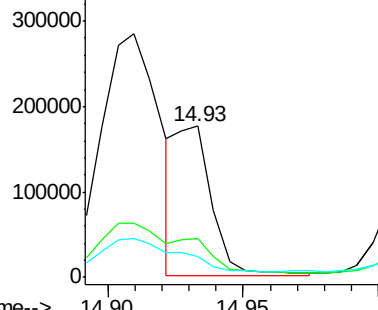
Tgt Ion:	252	Resp:	160316
Ion Ratio	Lower	Upper	
252	100		
253	25.7	17.9	26.9
125	13.7	10.2	15.2

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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: 17.849 ng

RT: 15.26 min Scan# 2239

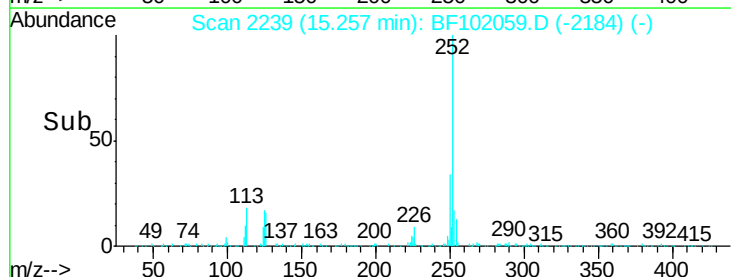
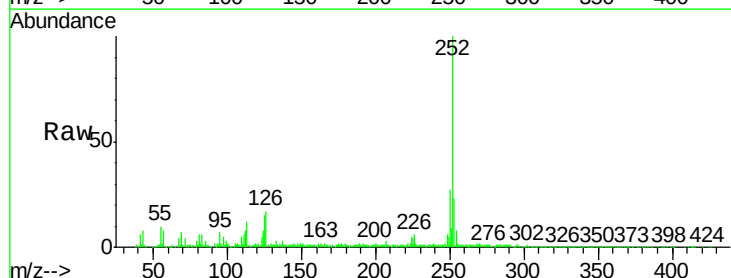
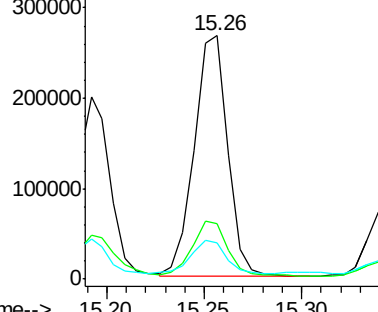
Delta R.T. 0.02 min

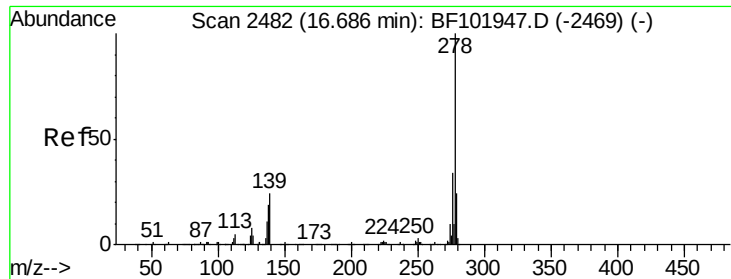
Lab File: BF102059.D

Acq: 12 Jan 2018 22:39

Tgt Ion:	252	Resp:	317144
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.1	25.7
125	14.9	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





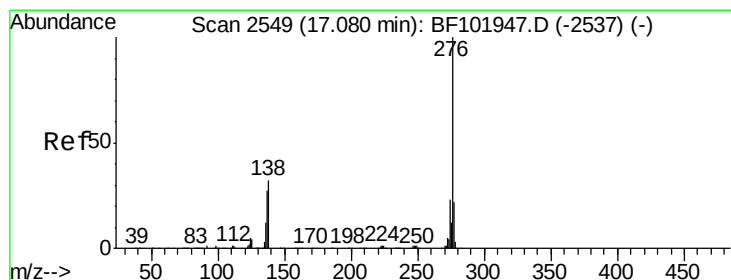
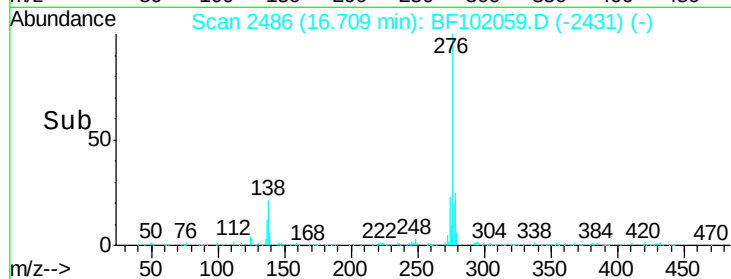
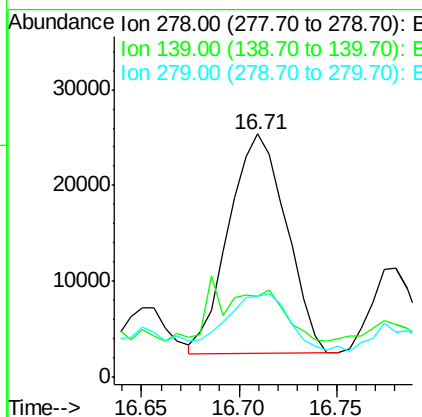
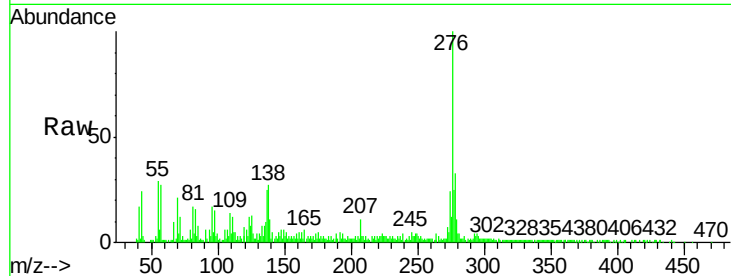
#90
Dibenzo(a,h)anthracene
Concen: 3.293 ng
RT: 16.71 min Scan# 2486
Delta R.T. 0.02 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Instrument :
BNA_F
ClientSampleId :
CL-02-011118-B

Tgt Ion	Ratio	Lower	Upper
278	100		
139	33.5	15.9	23.9#
279	33.4	19.0	28.4#

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#91
Benzo(g,h,i)perylene
Concen: 12.355 ng
RT: 17.12 min Scan# 2556
Delta R.T. 0.04 min
Lab File: BF102059.D
Acq: 12 Jan 2018 22:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	30.9	21.8	32.8

