

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011918\
 Data File : BF102212.D
 Acq On : 19 Jan 2018 10:15
 Operator : SJ/JU
 Sample : J1168-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-57-0-2.0

Manual Integrations
 APPROVED

Sohil
 1/22/2018 5:23:45 PM

Quant Time: Jan 19 13:49:38 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 19 13:31:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	141585	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	570472	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	245862	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	371334	20.00	ng	0.00
75) Chrysene-d12	13.87	240	284203	20.00	ng	0.00
86) Perylene-d12	15.30	264	239612	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	879151	87.68	ng	0.00
7) Phenol-d6	6.36	99	1039563	86.90	ng	0.00
23) Nitrobenzene-d5	7.29	82	655937	67.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	199397	92.93	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1117961	71.04	ng	0.00
78) Terphenyl-d14	12.82	244	826445	60.38	ng	0.00
Target Compounds						
10) Phenol	6.37	94	46064	3.407	ng	83
49) Dimethylphthalate	9.47	163	184210	9.340	ng	100
70) Phenanthrene	11.26	178	336098	15.495	ng	99
71) Anthracene	11.31	178	86385	3.927	ng	98
74) Fluoranthene	12.44	202	413728	19.387	ng	99
77) Pyrene	12.67	202	384904	15.322	ng	100
80) Benzo(a)anthracene	13.86	228	198871	10.967	ng	97
82) Chrysene	13.90	228	193263	10.221	ng	97
83) Bis(2-ethylhexyl)phthalate	13.86	149	44840	3.390	ng	97
85) Indeno(1,2,3-cd)pyrene	16.68	276	81472	5.920	ng	98
87) Benzo(b)fluoranthene	14.89	252	216984m	13.888	ng	
88) Benzo(k)fluoranthene	14.92	252	83512m	5.541	ng	
89) Benzo(a)pyrene	15.24	252	150431	10.700	ng	# 93
90) Dibenzo(a,h)anthracene	16.69	278	22837	2.035	ng	# 79
91) Benzo(a,h,i)perylene	17.10	276	79923	7.072	ng	94

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

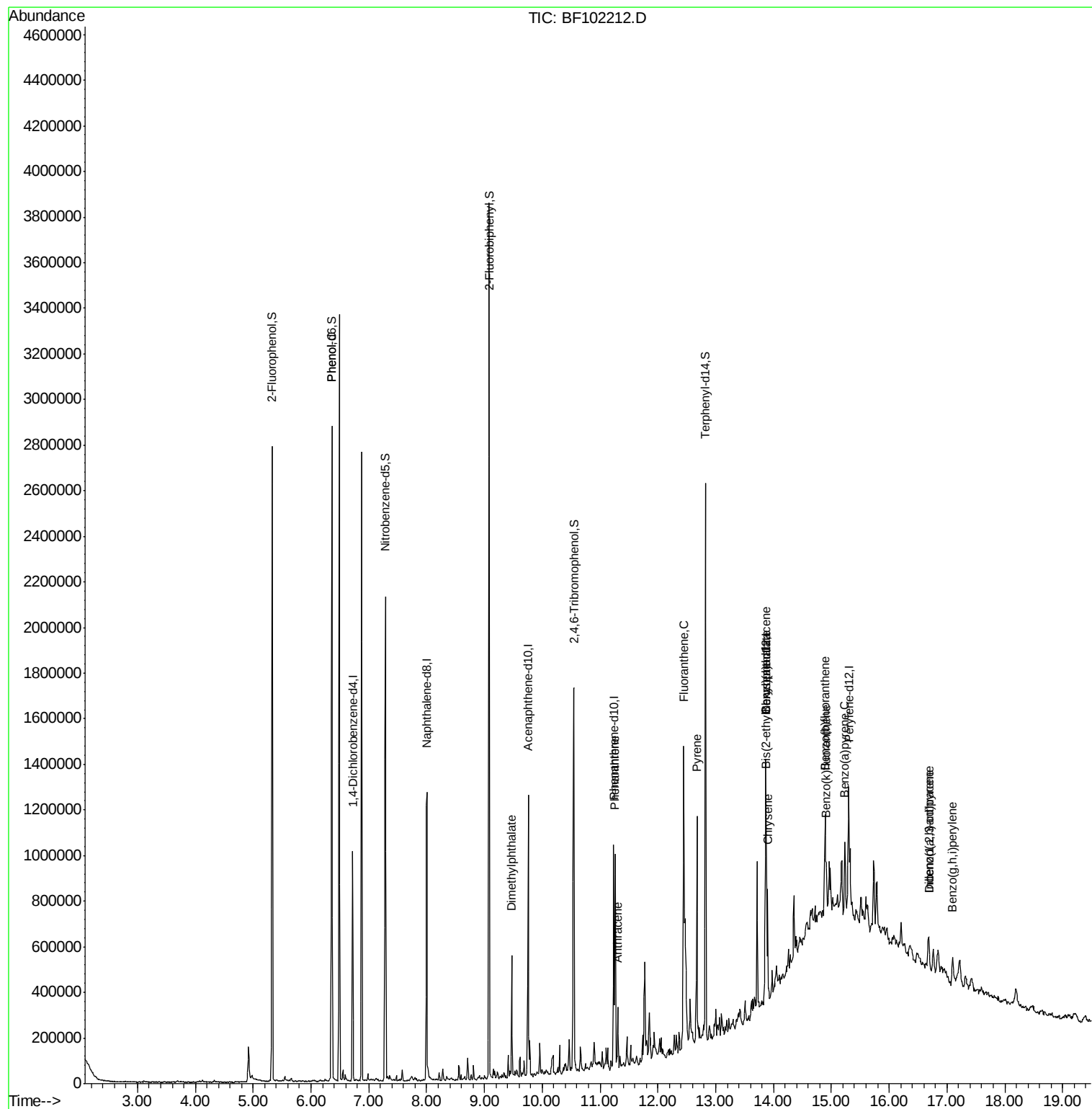
Data Path : Z:\HPCHEM1\BNA F\DATA\BF011918\
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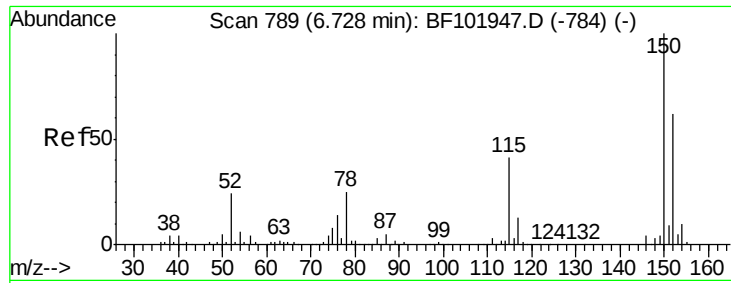
Instrument :
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#1

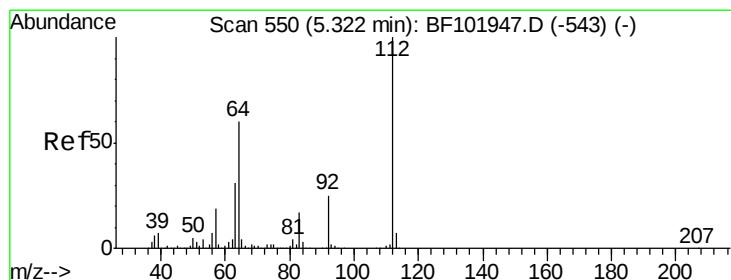
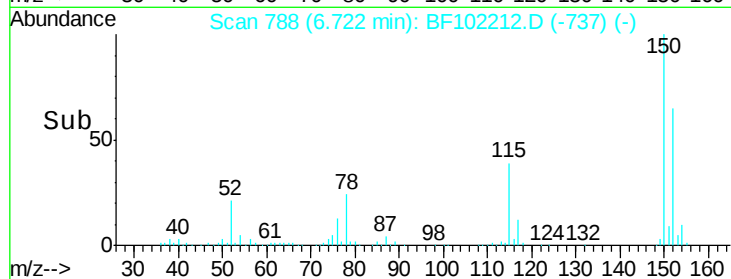
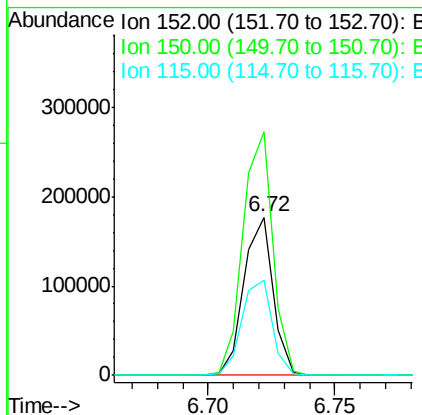
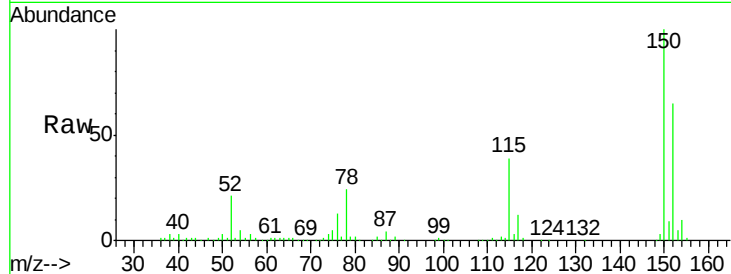
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF102212.D
Acq: 19 Jan 2018 10:15

Instrument :
BNA_F
ClientSampleId :
SB-57-0-2.0

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.6	186.8
115	60.0	50.1	75.1

Manual Integrations
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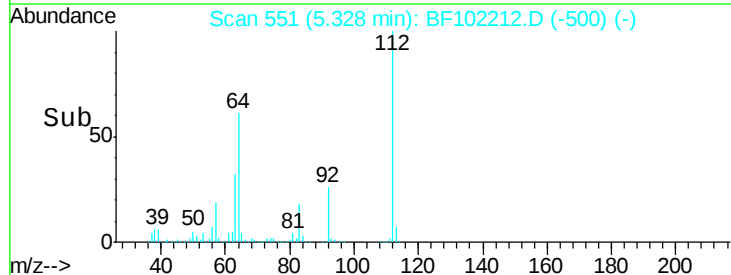
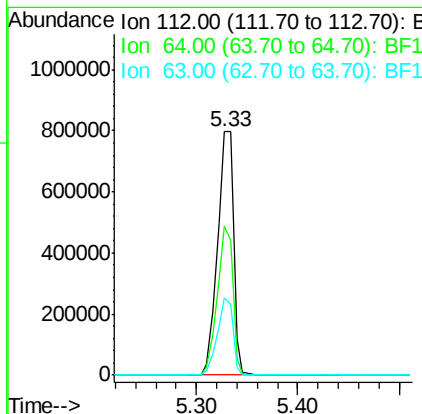
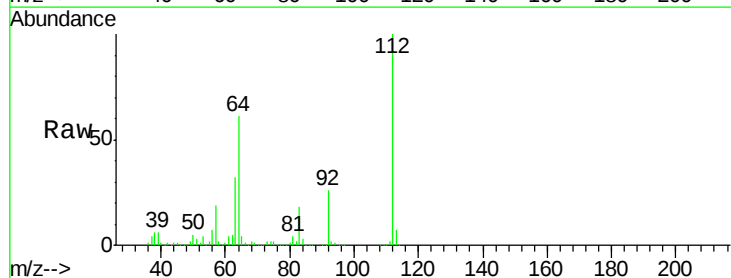
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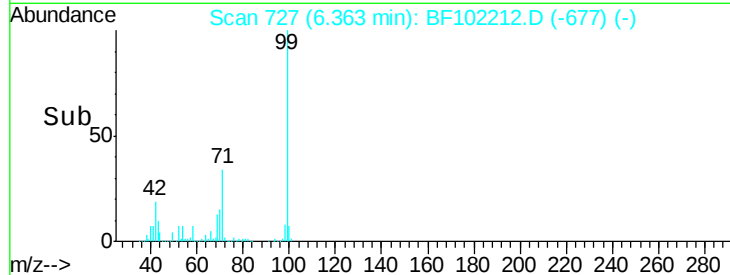
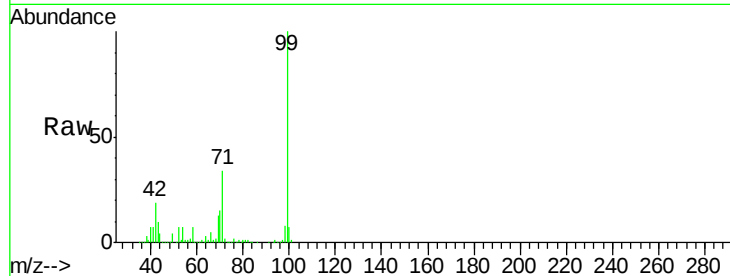
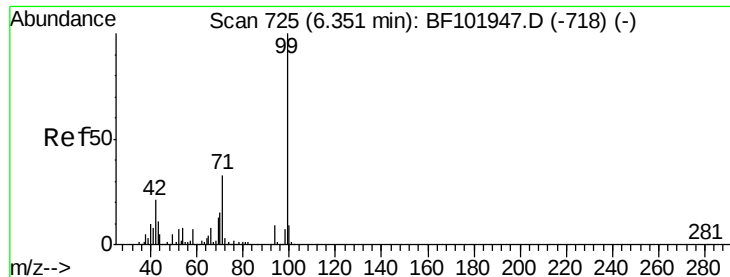


#5

2-Fluorophenol
Concen: 87.681 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF102212.D
Acq: 19 Jan 2018 10:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.9	47.9	71.9
63	31.6	23.7	35.5





#7

Phenol-d6

Concen: 86.899 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102212.D

Acq: 19 Jan 2018 10:15

Tot Ion:	99	Resp:	1039563
Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	34.0	25.4	38.0

Instrument :

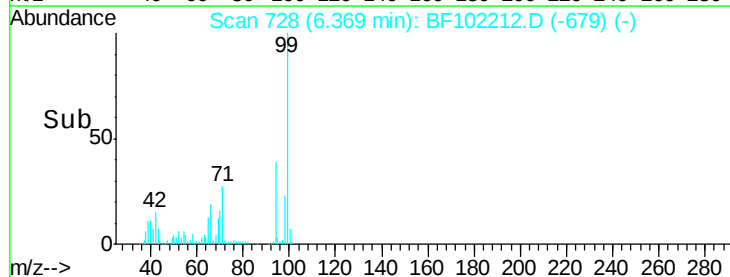
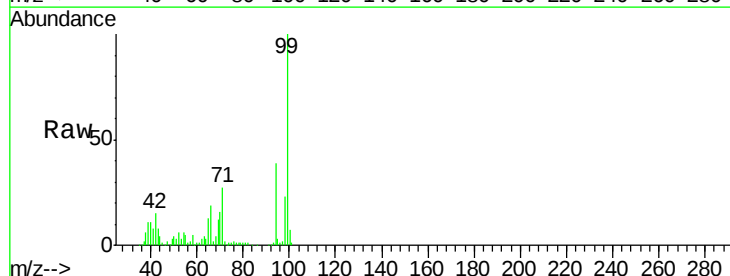
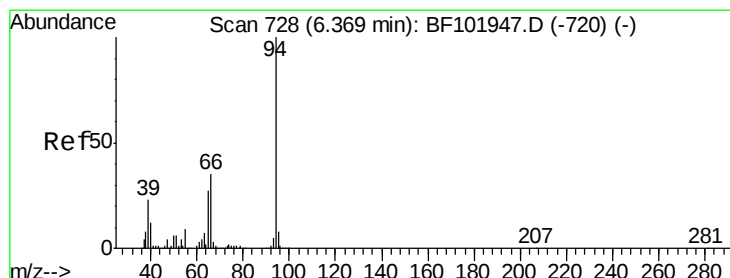
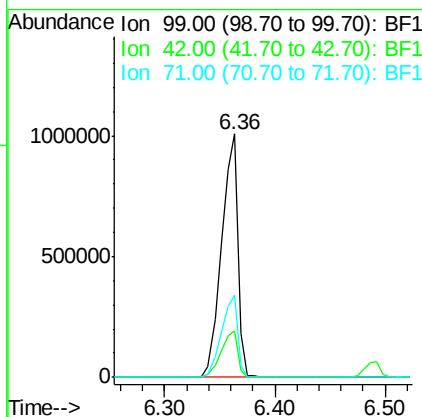
BNA_F

ClientSampled :

SB-57-0-2.0

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#10

Phenol

Concen: 3.407 ng

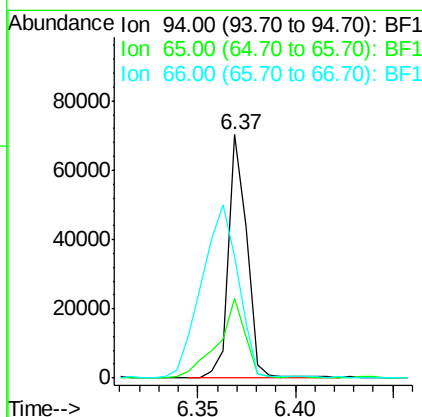
RT: 6.37 min Scan# 728

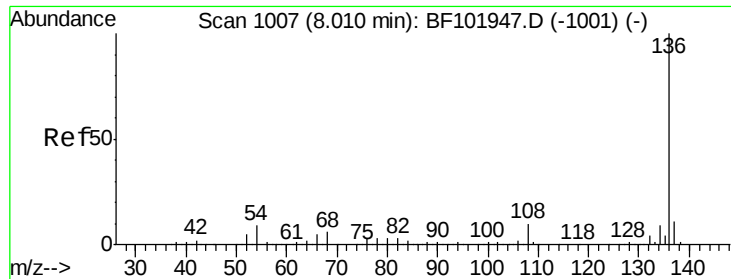
Delta R.T. -0.01 min

Lab File: BF102212.D

Acq: 19 Jan 2018 10:15

Tgt Ion:	94	Resp:	46064
Ion	Ratio	Lower	Upper
94	100		
65	32.8	7.9	47.9
66	49.9	16.2	56.2





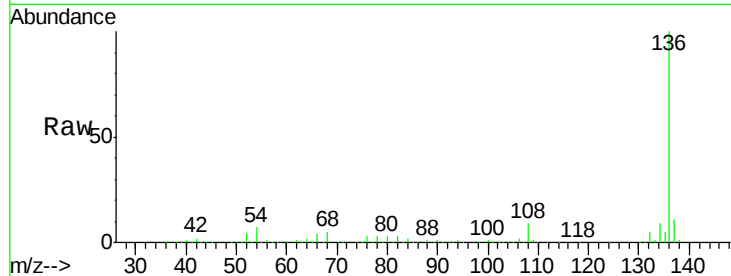
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102212.D
Acq: 19 Jan 2018 10:15

Instrument :
BNA_F
ClientSampled :
SB-57-0-2.0

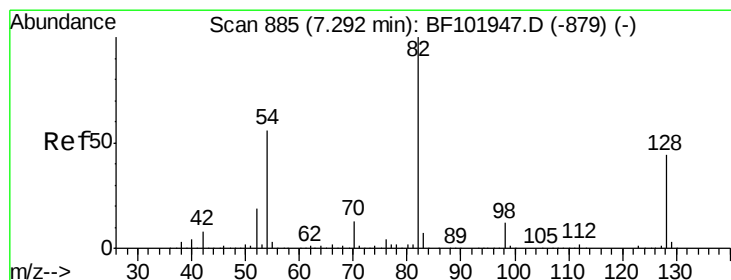
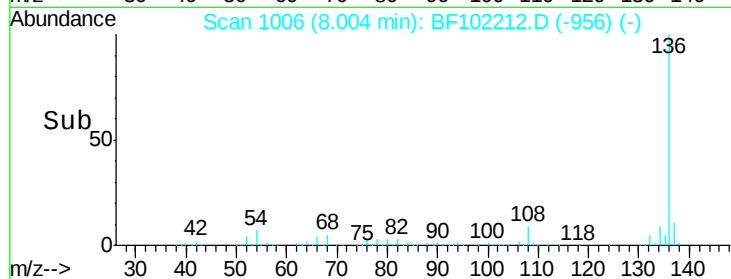
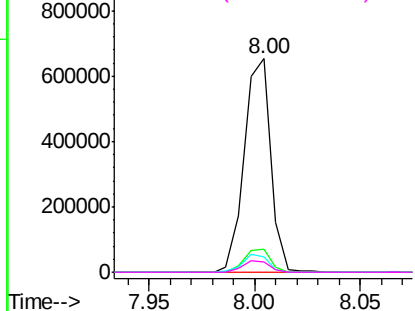
Tot Ion	Ratio	Resp	Lower	Upper
136	100	570472		
137	10.8		8.9	13.3
54	7.1		6.6	9.8
68	5.0		5.0	7.4

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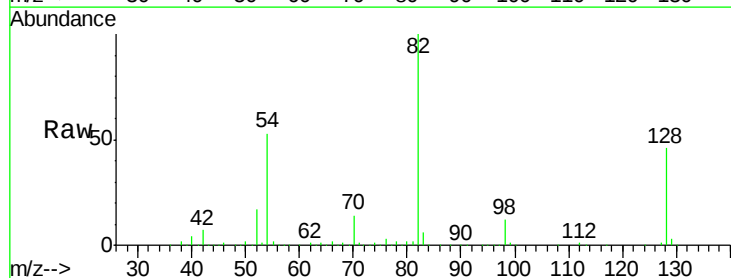


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

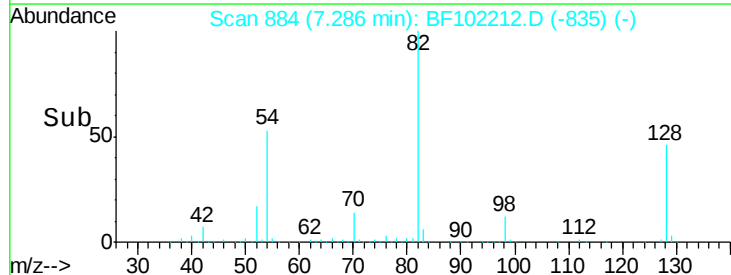
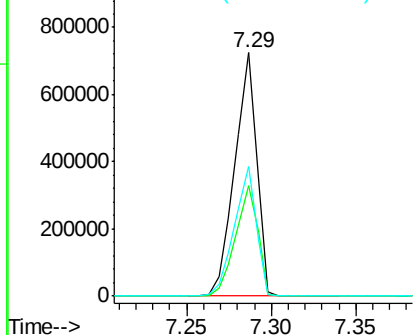


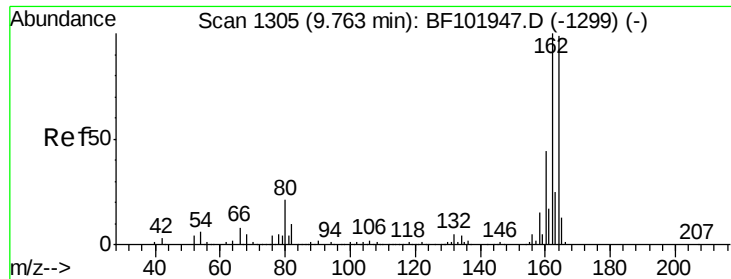
#23
Nitrobenzene-d5
Concen: 67.568 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102212.D
Acq: 19 Jan 2018 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	655937		
128	45.6		36.1	54.1
54	53.0		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. -0.01 min

Lab File: BF102212.D

Acq: 19 Jan 2018 10:15

Instrument :

BNA_F

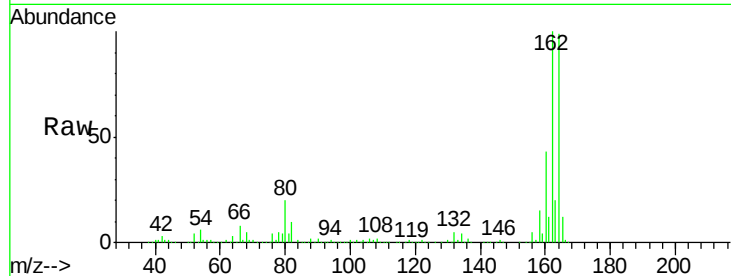
ClientSampleId :

SB-57-0-2.0

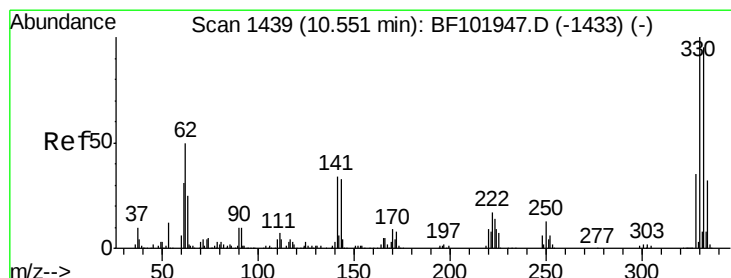
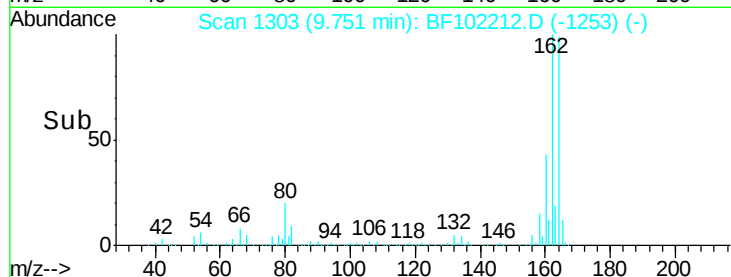
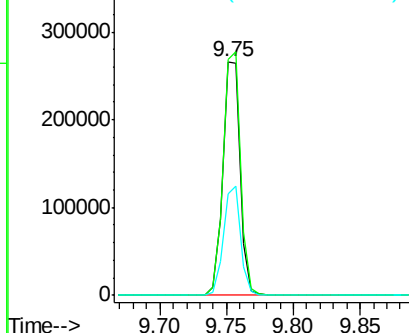
Tot Ion:	164	Resp:	245862
Ion Ratio	Lower	Upper	
164	100		
162	101.0	86.1	129.1
160	43.7	38.3	57.5

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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: 92.933 ng

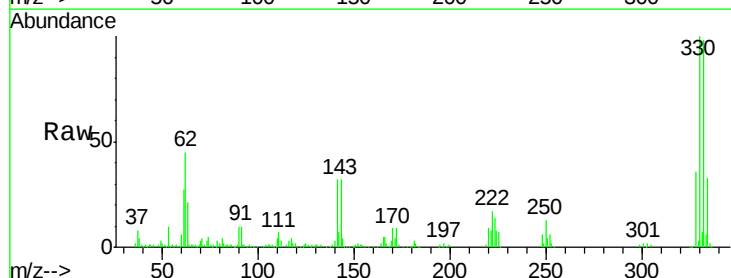
RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

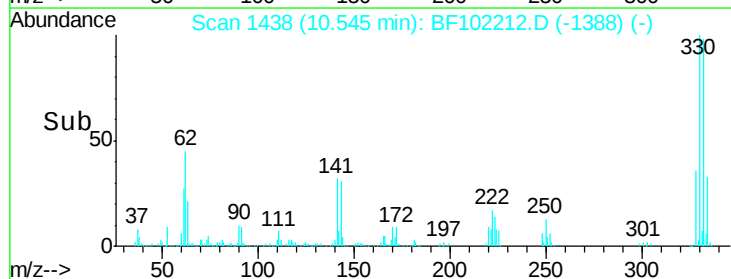
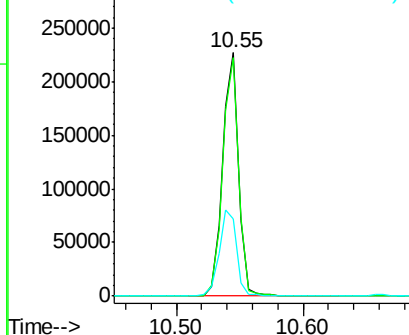
Lab File: BF102212.D

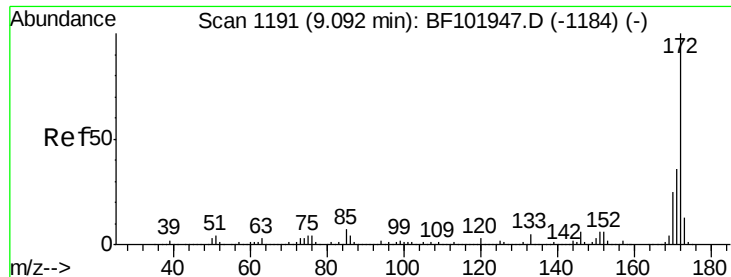
Acq: 19 Jan 2018 10:15

Tgt Ion:	330	Resp:	199397
Ion Ratio	Lower	Upper	
330	100		
332	98.4	77.0	115.6
141	38.4	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





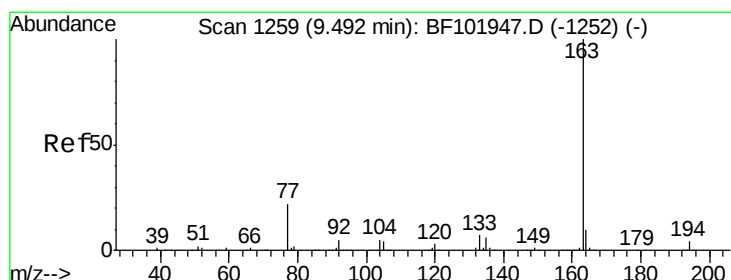
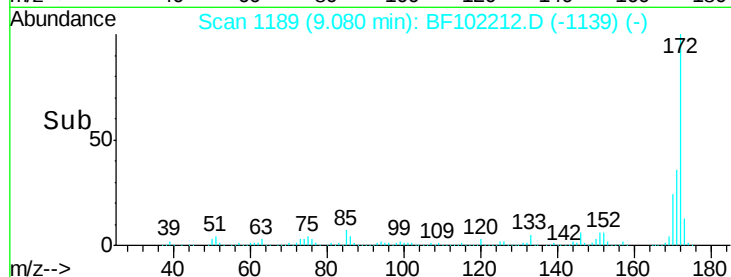
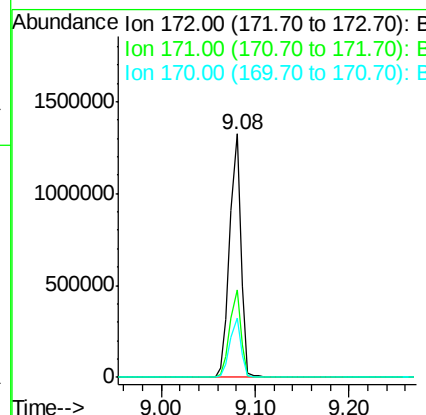
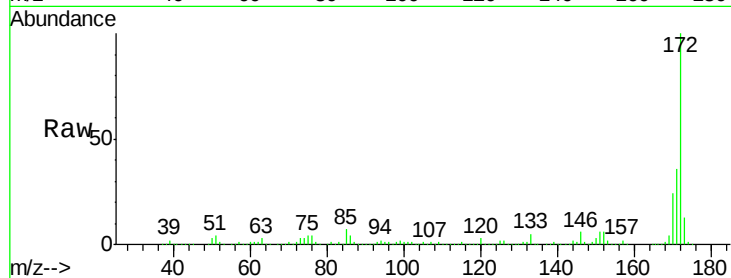
#44
2-Fluorobiphenyl
Concen: 71.038 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102212.D
Acq: 19 Jan 2018 10:15

Instrument :
BNA_F
ClientSampleId :
SB-57-0-2.0

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.1	19.6	29.4

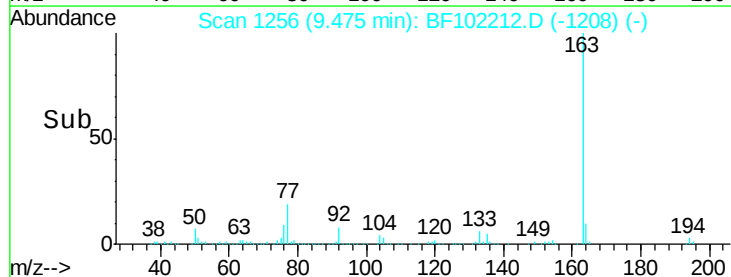
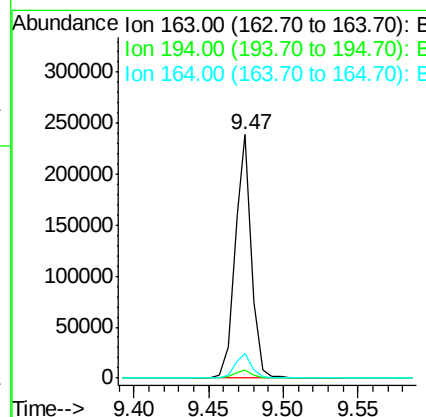
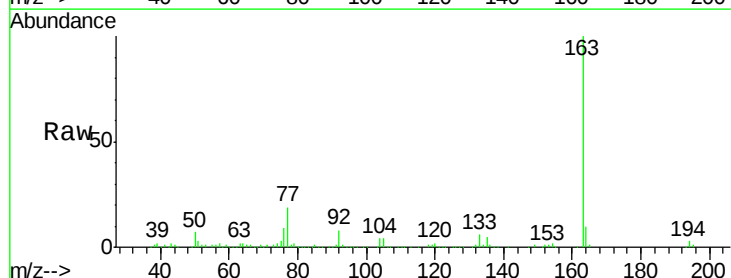
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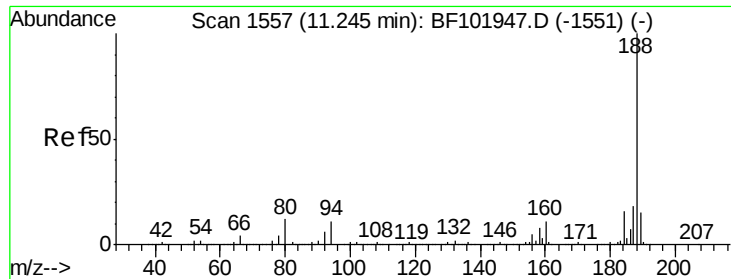
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#49
Dimethylphthalate
Concen: 9.340 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102212.D
Acq: 19 Jan 2018 10:15

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.0	8.2	12.2





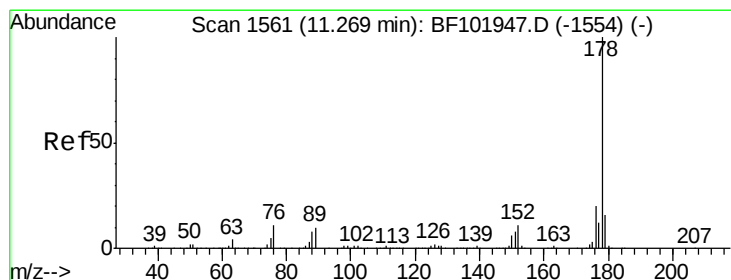
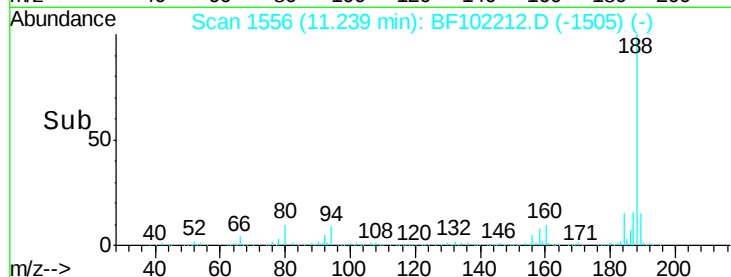
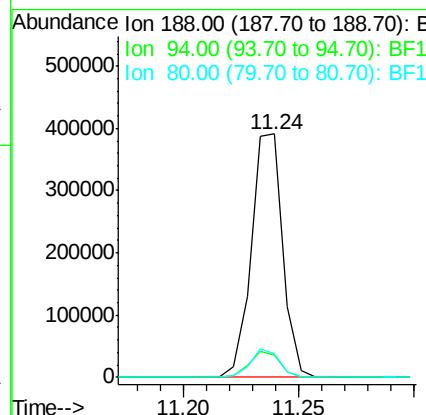
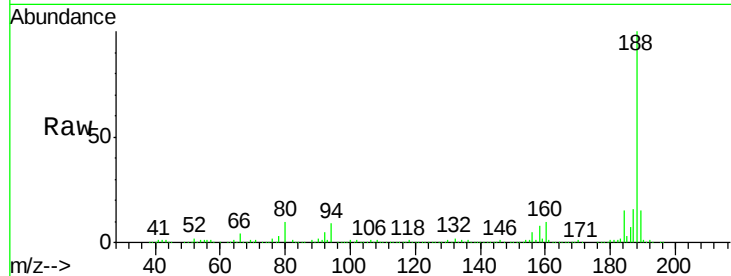
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102212.D
Acq: 19 Jan 2018 10:15

Instrument :
BNA_F
ClientSampled :
SB-57-0-2.0

Tot Ion	Ratio	Resp	Lower	Upper
188	100	371334		
94	9.1		8.5	12.7
80	9.8		9.2	13.8

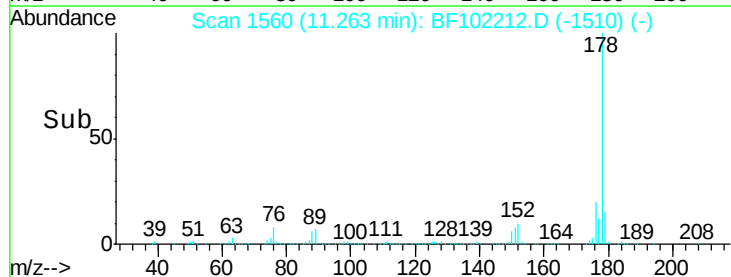
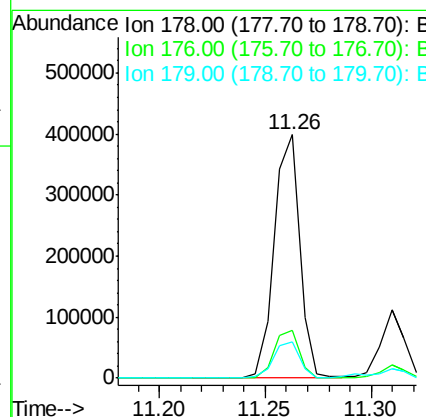
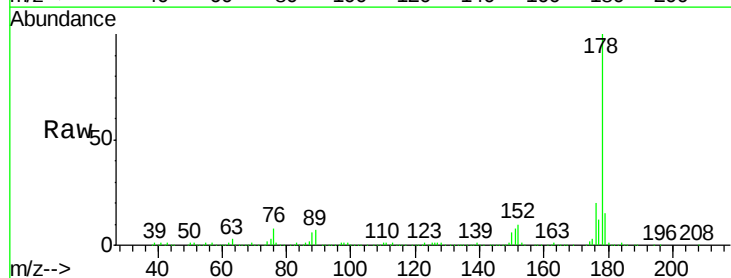
Manual Integrations
APPROVED

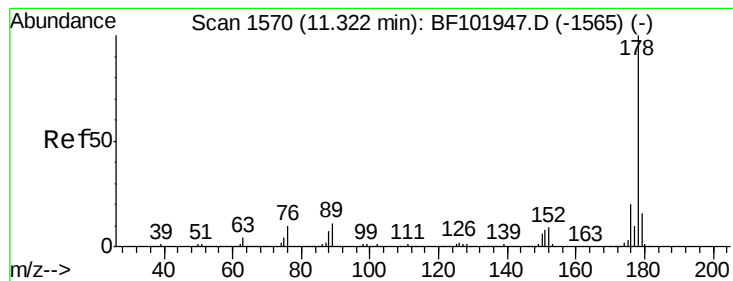
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#70
Phenanthrene
Concen: 15.495 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF102212.D
Acq: 19 Jan 2018 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	336098		
176	19.8		15.8	23.8
179	15.1		13.0	19.6





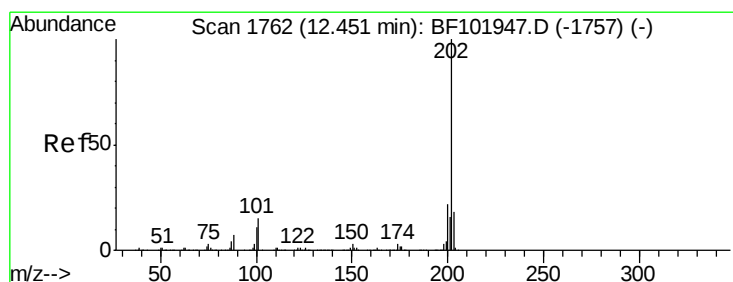
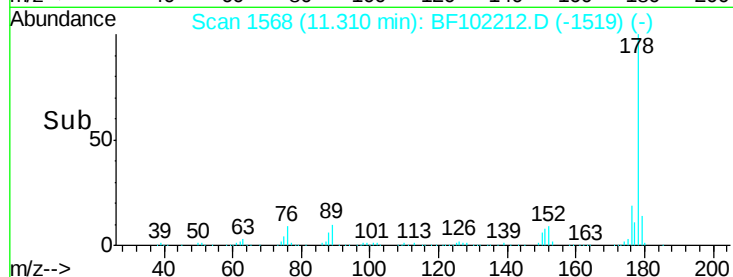
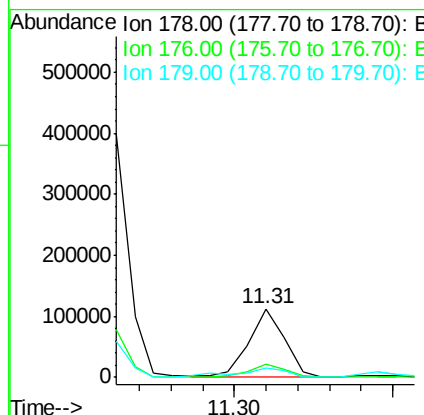
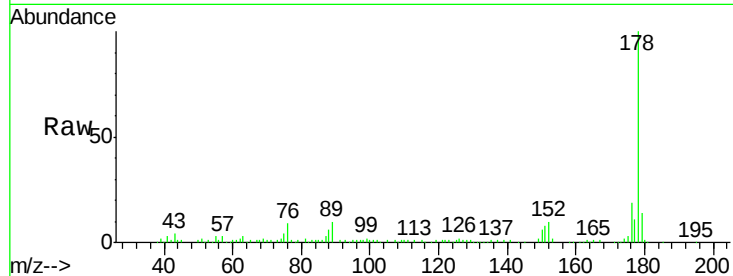
#71
 Anthracene
 Concen: 3.927 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF102212.D
 Acq: 19 Jan 2018 10:15

Instrument :
 BNA_F
 ClientSampled :
 SB-57-0-2.0

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	13.9	12.6	19.0

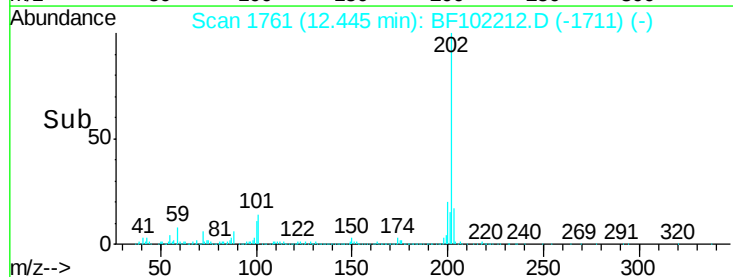
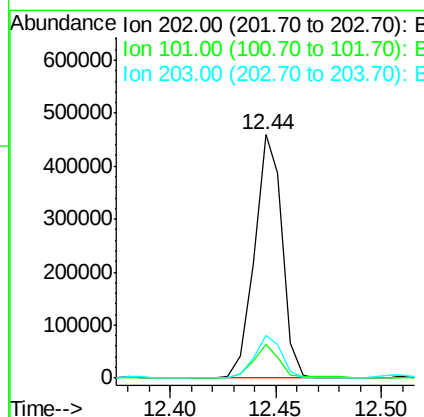
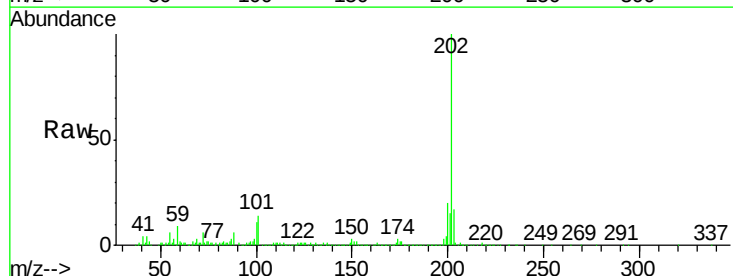
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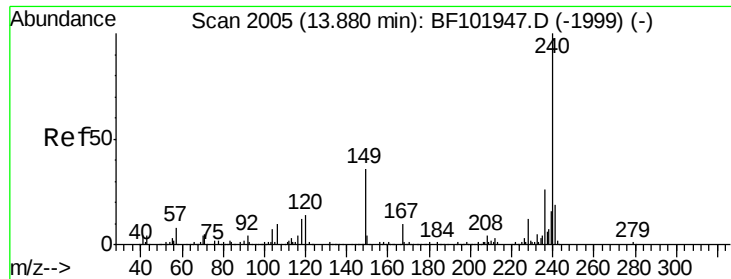
Sohil
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#74
 Fluoranthene
 Concen: 19.387 ng
 RT: 12.44 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BF102212.D
 Acq: 19 Jan 2018 10:15

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	34.1
203	17.5	0.0	38.1





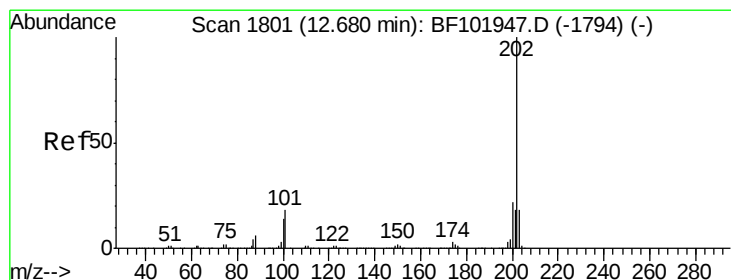
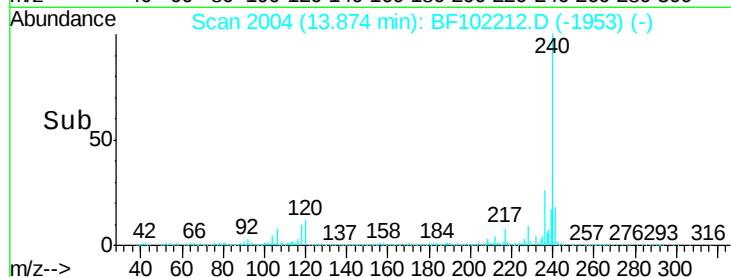
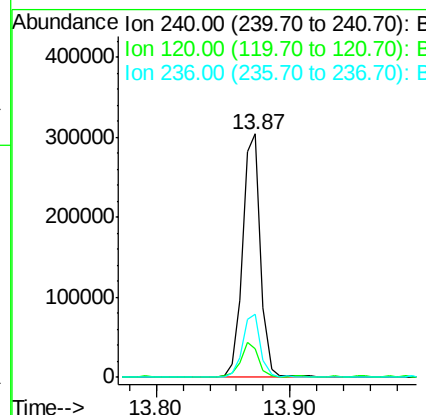
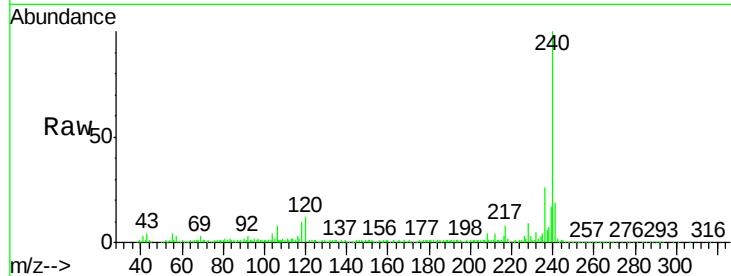
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF102212.D
Acq: 19 Jan 2018 10:15

Instrument :
BNA_F
ClientSampleId :
SB-57-0-2.0

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.5	14.3
236	26.0	20.7	31.1

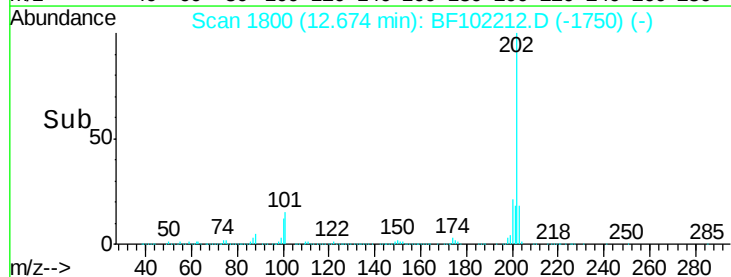
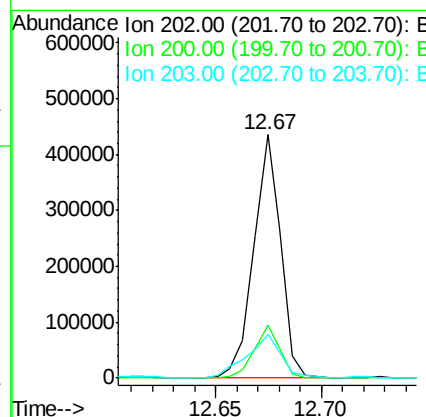
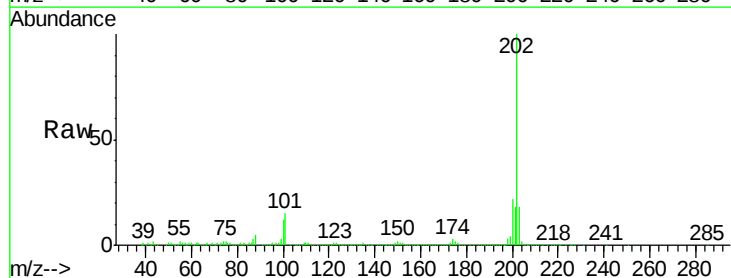
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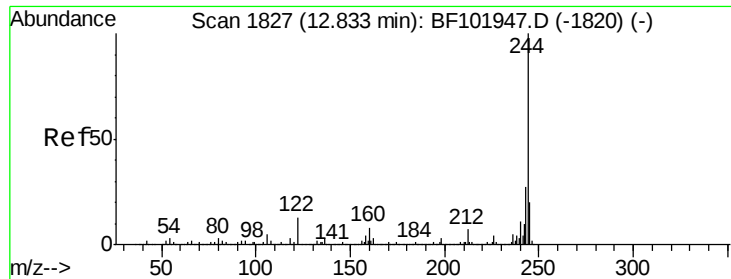
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#77
Pyrene
Concen: 15.322 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF102212.D
Acq: 19 Jan 2018 10:15

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	18.1	14.3	21.5





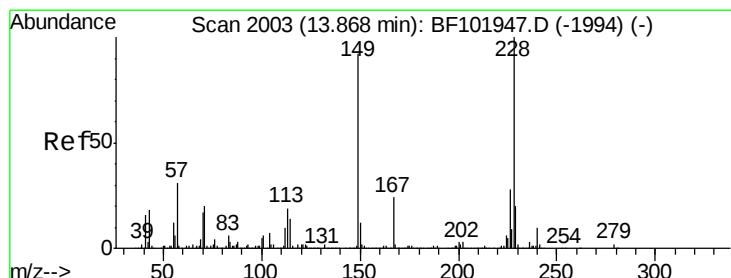
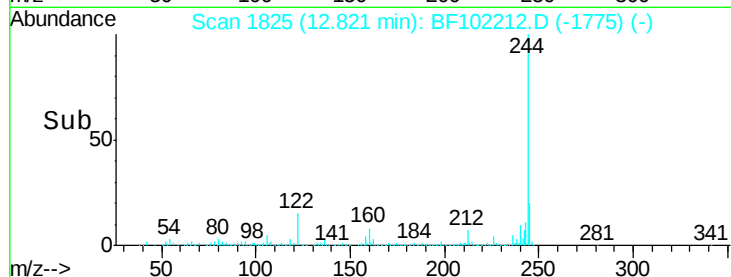
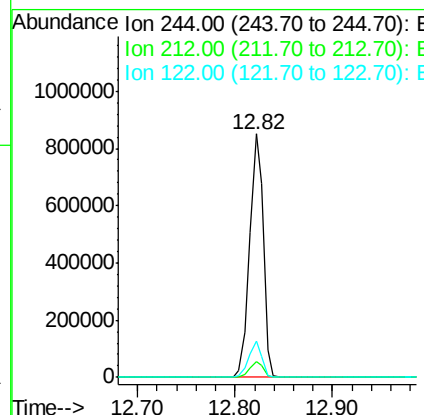
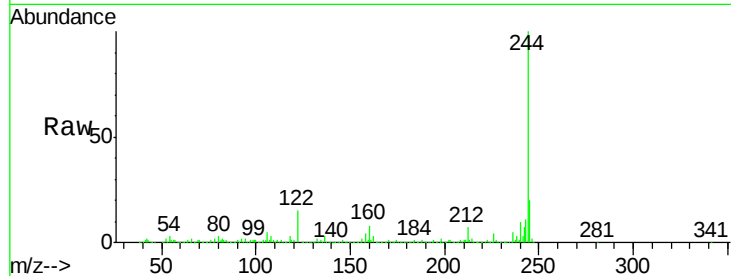
#78
 Terphenyl-d14
 Concen: 60.376 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF102212.D
 Acq: 19 Jan 2018 10:15

Instrument :
 BNA_F
 ClientSampled :
 SB-57-0-2.0

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	14.6	11.0	16.4

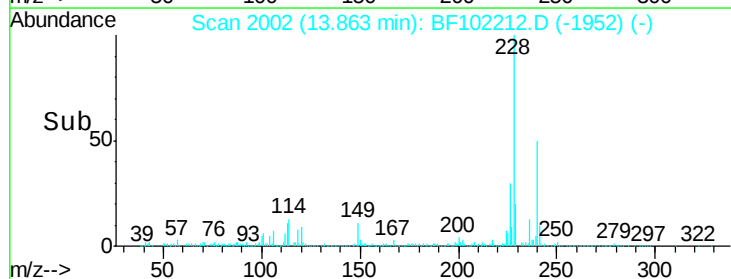
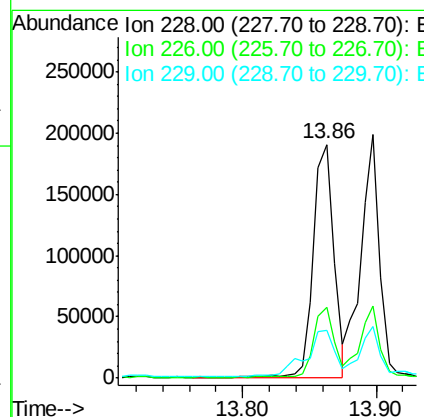
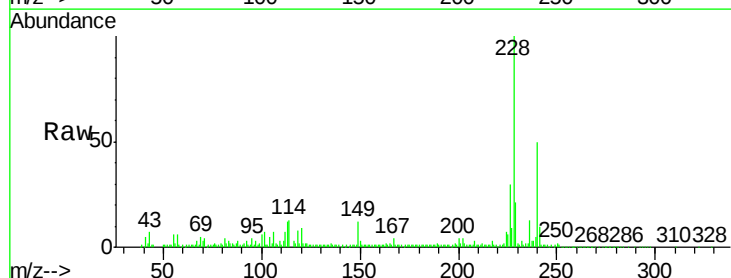
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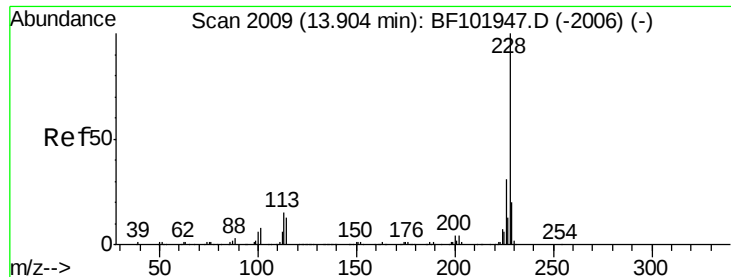
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#80
 Benzo(a)anthracene
 Concen: 10.967 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF102212.D
 Acq: 19 Jan 2018 10:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.6	33.8
229	20.5	15.8	23.6





#82

Chrysene

Concen: 10.221 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF102212.D

Acq: 19 Jan 2018 10:15

Instrument :

BNA_F

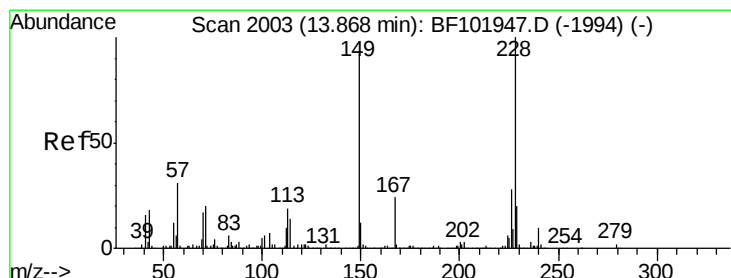
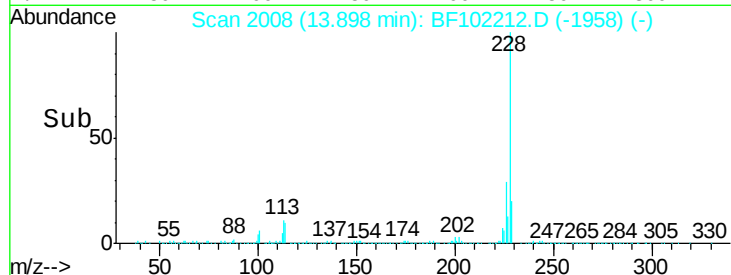
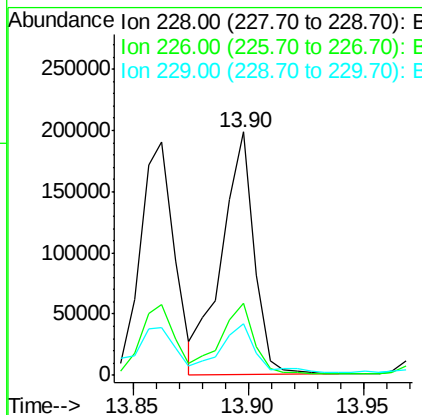
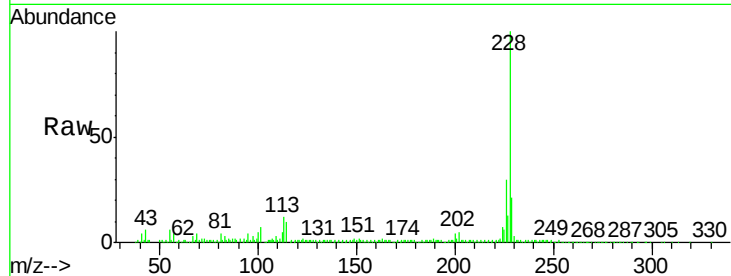
ClientSampled :

SB-57-0-2.0

Tot Ion:	228	Resp:	193263
Ion Ratio		Lower	Upper
228	100		
226	29.7	25.0	37.6
229	21.3	16.2	24.4

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#83

Bis(2-ethylhexyl)phthalate

Concen: 3.390 ng

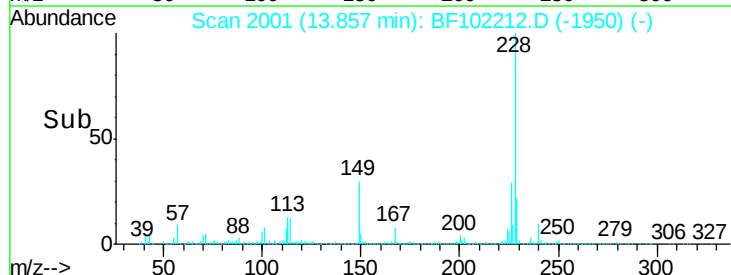
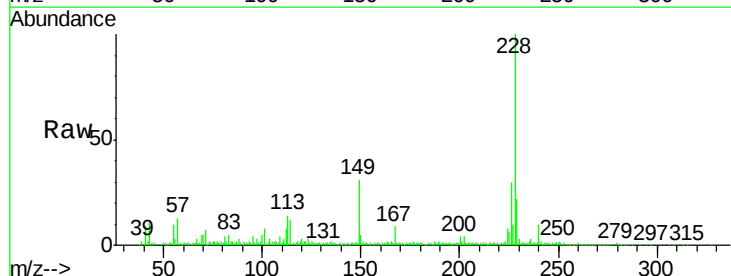
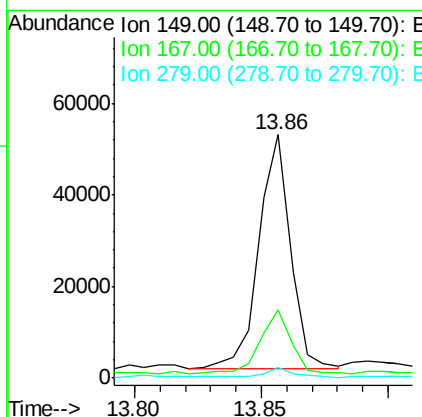
RT: 13.86 min Scan# 2001

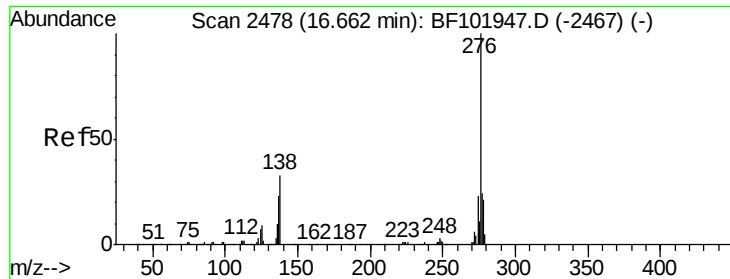
Delta R.T. 0.00 min

Lab File: BF102212.D

Acq: 19 Jan 2018 10:15

Tgt Ion:	149	Resp:	44840
Ion Ratio		Lower	Upper
149	100		
167	28.0	21.3	31.9
279	4.2	3.0	4.4





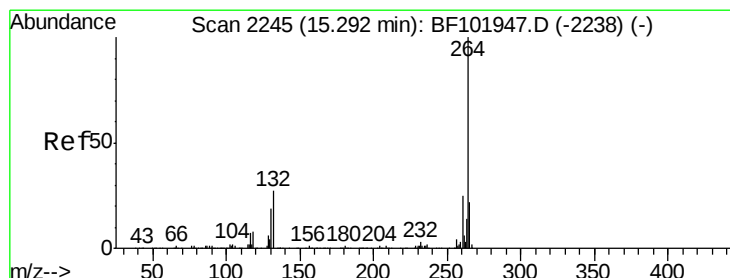
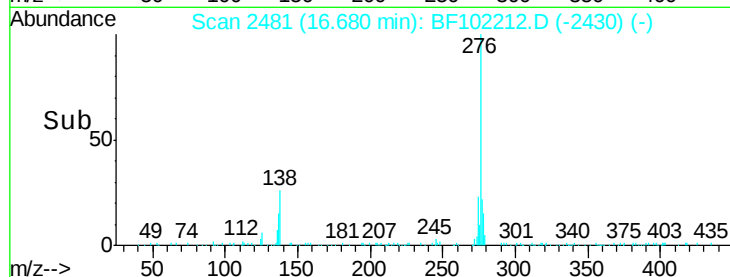
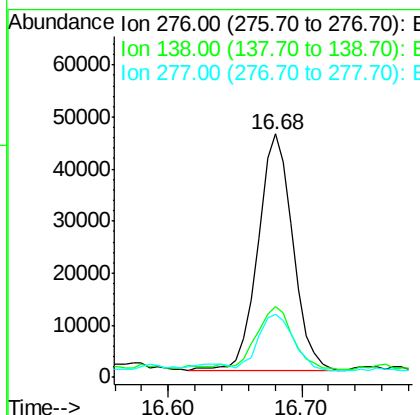
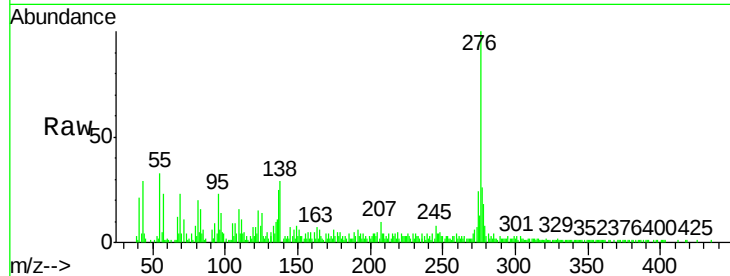
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.920 ng
RT: 16.68 min Scan# 2481
Delta R.T. 0.00 min
Lab File: BF102212.D
Acq: 19 Jan 2018 10:15

Instrument :
BNA_F
ClientSampleId :
SB-57-0-2.0

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.9	25.0	37.6
277	25.0	20.1	30.1

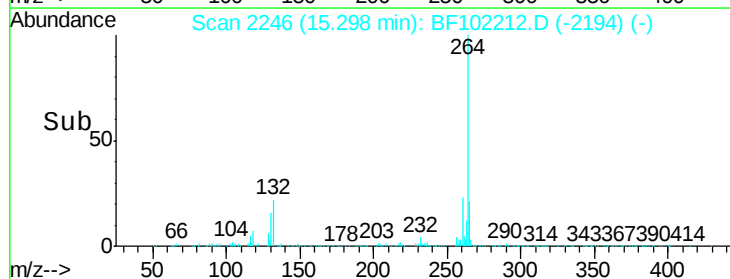
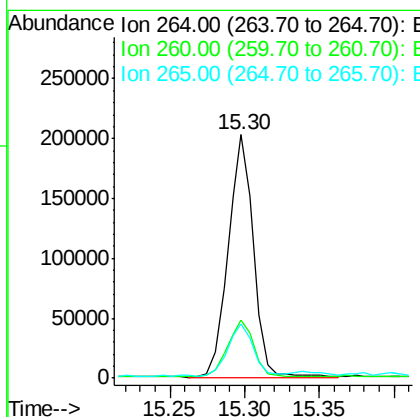
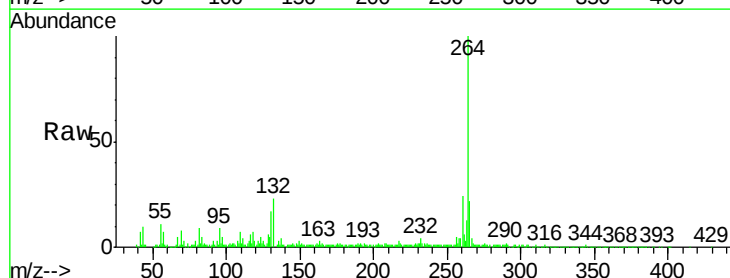
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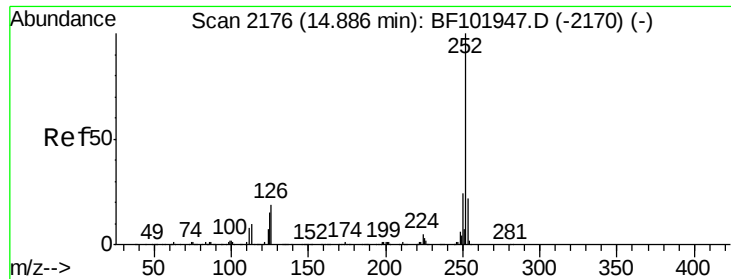
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.01 min
Lab File: BF102212.D
Acq: 19 Jan 2018 10:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.0	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 13.888 ng m

RT: 14.89 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BF102212.D

Acq: 19 Jan 2018 10:15

Instrument :

BNA_F

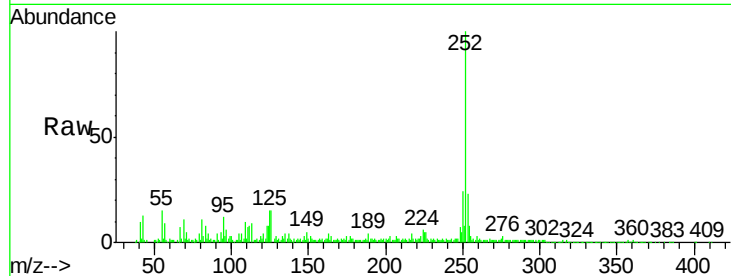
ClientSampleId :

SB-57-0-2.0

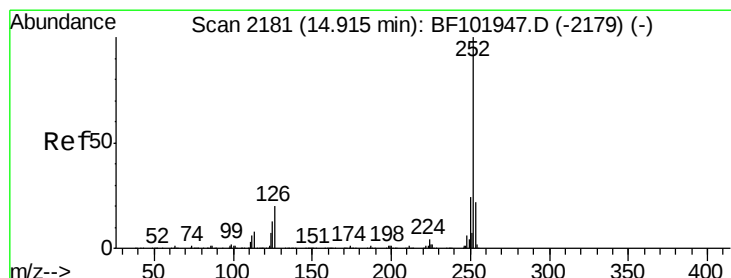
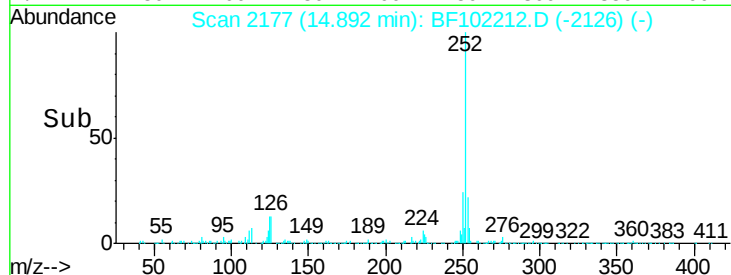
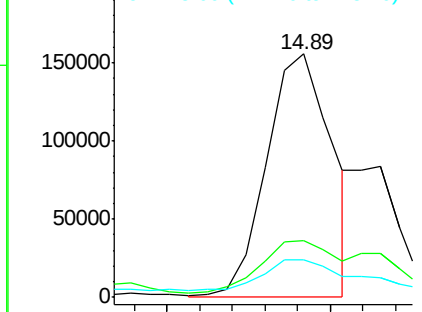
Tot Ion:	252	Resp:	216984
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.0	25.6
125	15.5	9.0	13.6#

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1/22/2018 5:23:45 PM



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: 5.541 ng m

RT: 14.92 min Scan# 2181

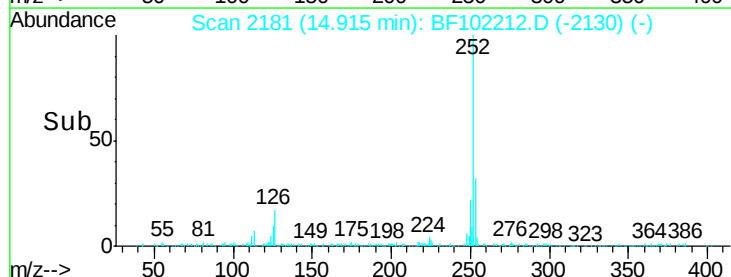
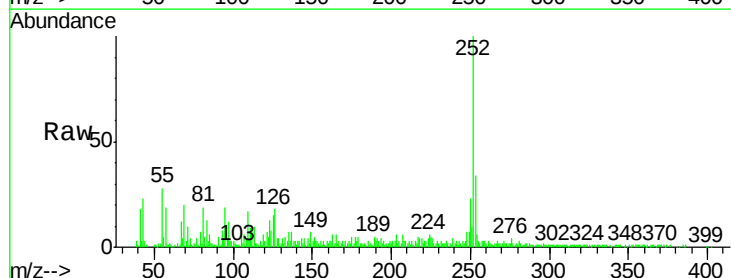
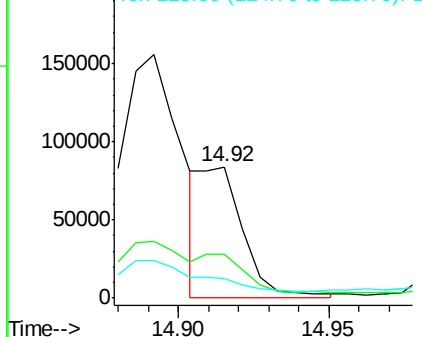
Delta R.T. 0.00 min

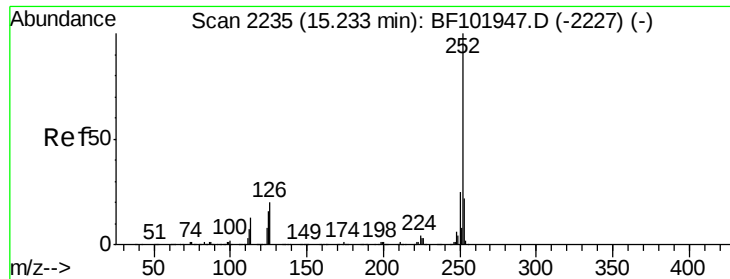
Lab File: BF102212.D

Acq: 19 Jan 2018 10:15

Tgt Ion:	252	Resp:	83512
Ion Ratio	Lower	Upper	
252	100		
253	33.7	17.9	26.9#
125	15.4	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





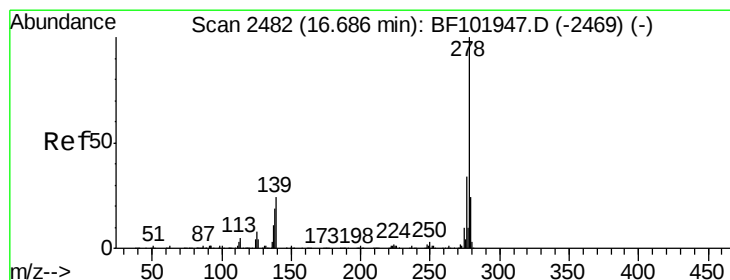
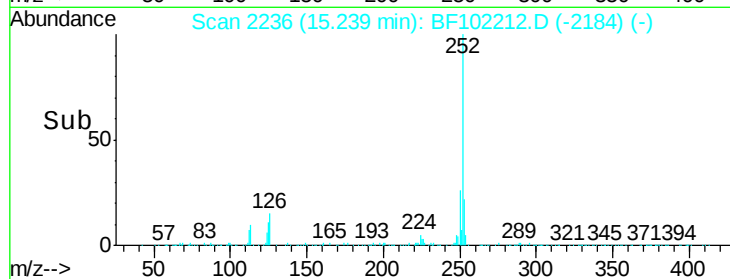
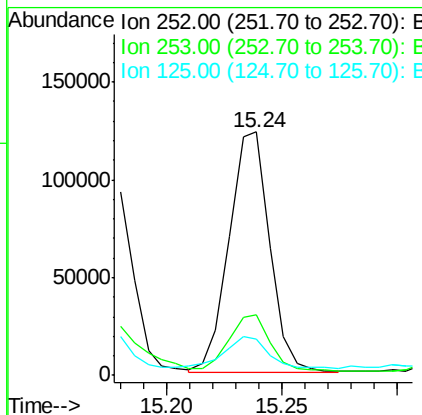
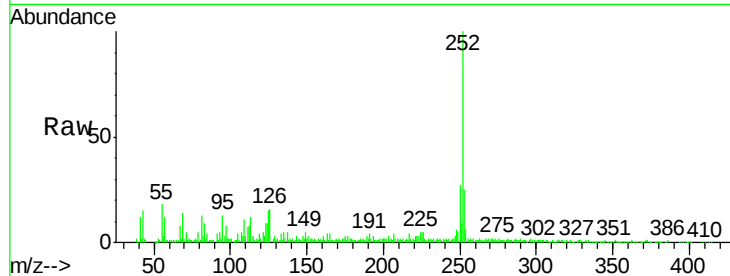
#89
Benzo(a)pyrene
Concen: 10.700 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF102212.D
Acq: 19 Jan 2018 10:15

Instrument :
BNA_F
ClientSampleId :
SB-57-0-2.0

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.1	25.7
125	14.7	9.8	14.6#

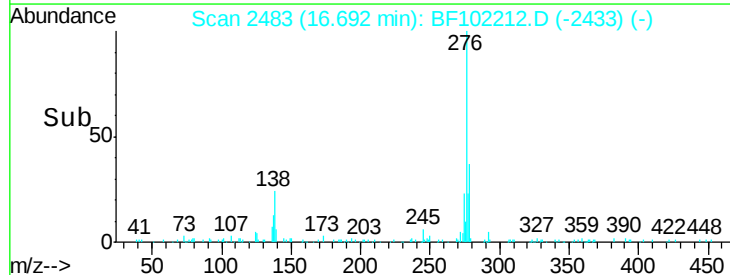
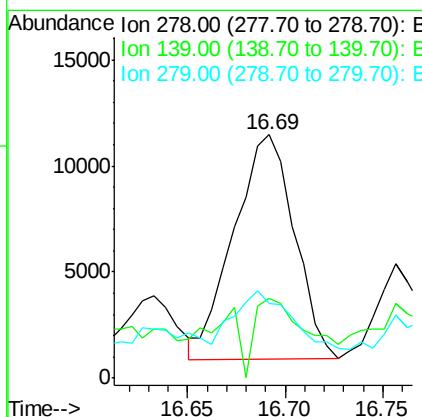
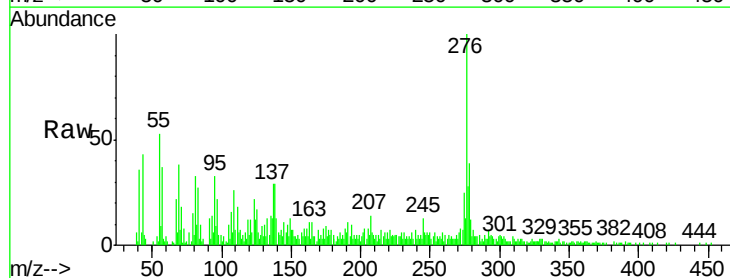
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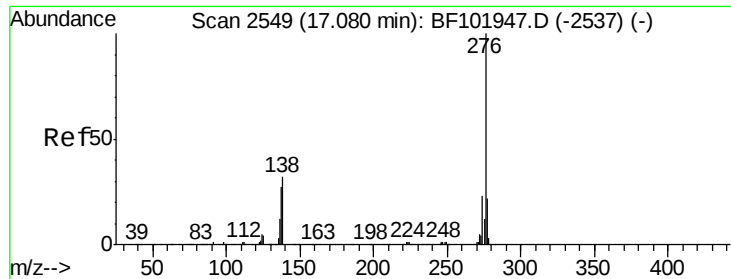
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 2.035 ng
RT: 16.69 min Scan# 2483
Delta R.T. -0.01 min
Lab File: BF102212.D
Acq: 19 Jan 2018 10:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	32.9	15.9	23.9#
279	30.8	19.0	28.4#





#91
 Benzo(a,h,i)perylene
 Concen: 7.072 ng
 RT: 17.10 min Scan# 2552
 Delta R.T. 0.00 min
 Lab File: BF102212.D
 Acq: 19 Jan 2018 10:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-57-0-2.0

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.3	17.9	26.9
138	30.6	21.8	32.8

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