

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012018\
 Data File : BF102255.D
 Acq On : 20 Jan 2018 10:28
 Operator : SJ/JU
 Sample : J1168-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations
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 1/22/2018 5:25:43 PM

Quant Time: Jan 22 02:15:57 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	141713	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	586890	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	244920	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	364465	20.00	ng	0.00
75) Chrysene-d12	13.87	240	281622	20.00	ng	0.00
86) Perylene-d12	15.30	264	229423	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	887805	88.46	ng	0.00
7) Phenol-d6	6.36	99	1057426	88.31	ng	0.00
23) Nitrobenzene-d5	7.29	82	663774	66.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	196118	91.76	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1125477	71.79	ng	0.00
78) Terphenyl-d14	12.82	244	789200	58.18	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.37	94	48441	3.58	ng	87
49) Dimethylphthalate	9.47	163	186470	9.49	ng	100
70) Phenanthrene	11.26	178	331139	15.55	ng	98
71) Anthracene	11.31	178	86327	4.00	ng	98
74) Fluoranthene	12.45	202	411089	19.63	ng	100
77) Pyrene	12.67	202	383451	15.40	ng	100
80) Benzo(a)anthracene	13.86	228	188516m	10.49	ng	
82) Chrysene	13.90	228	188354m	10.05	ng	
83) Bis(2-ethylhexyl)phthalate	13.86	149	32941	2.51	ng	98
85) Indeno(1,2,3-cd)pyrene	16.69	276	80714	5.92	ng	95
87) Benzo(b)fluoranthene	14.89	252	222757m	14.89	ng	
88) Benzo(k)fluoranthene	14.92	252	63892m	4.43	ng	
89) Benzo(a)pyrene	15.24	252	143904	10.69	ng	# 93
91) Benzo(a,h,i)perylene	17.11	276	76866	7.10	ng	# 94

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

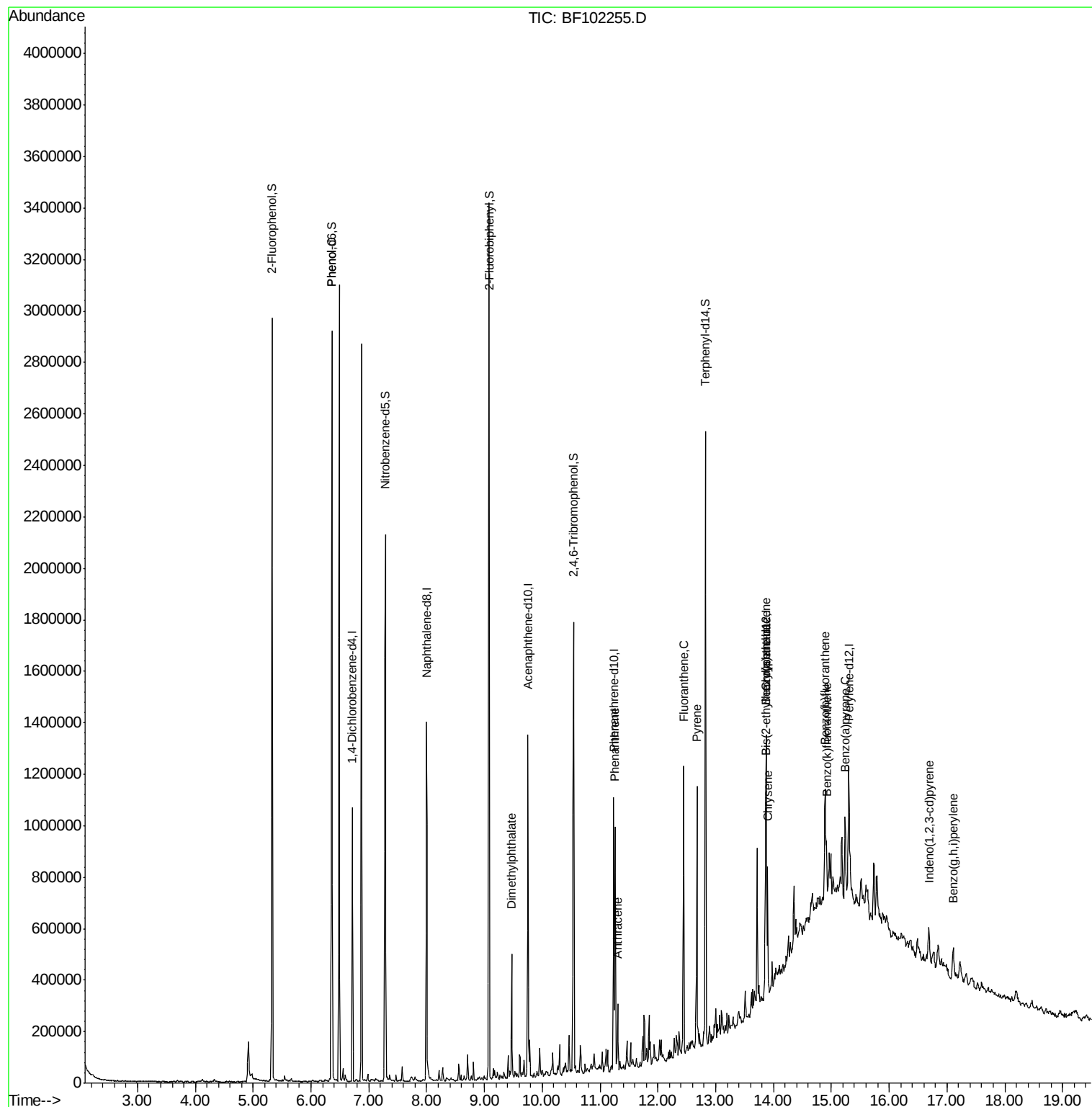
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012018\
Data File : BF102255.D
Acq On : 20 Jan 2018 10:28
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Sample : J1168-06
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ALS Vial : 5 Sample Multiplier: 1

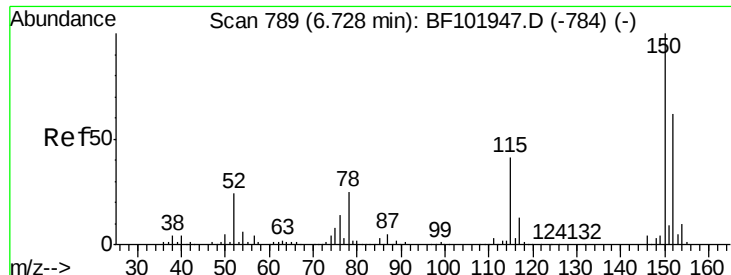
Instrument :
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#1

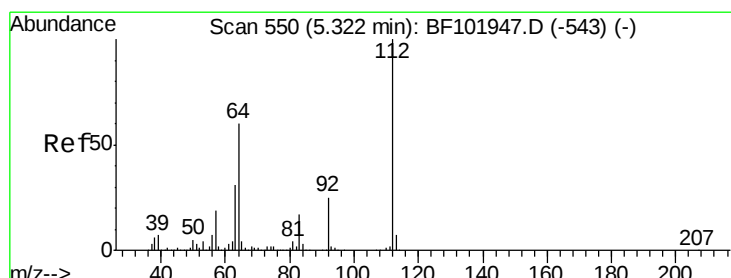
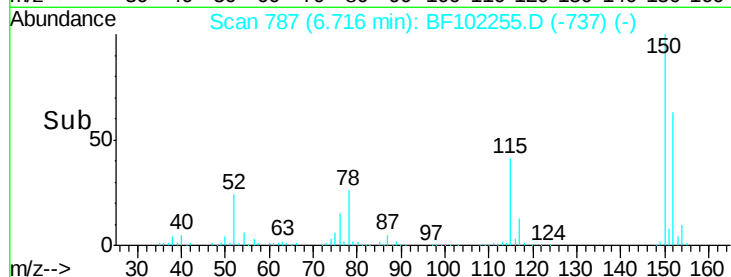
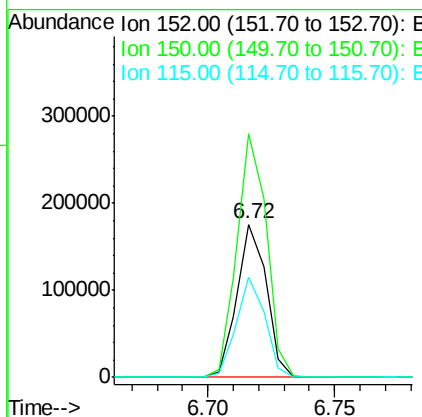
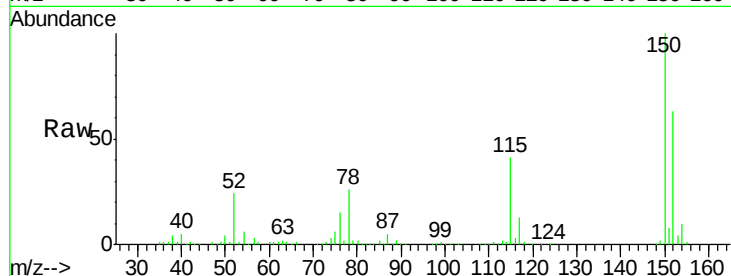
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF102255.D
 Acq: 20 Jan 2018 10:28

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.6	186.8
115	65.1	50.1	75.1

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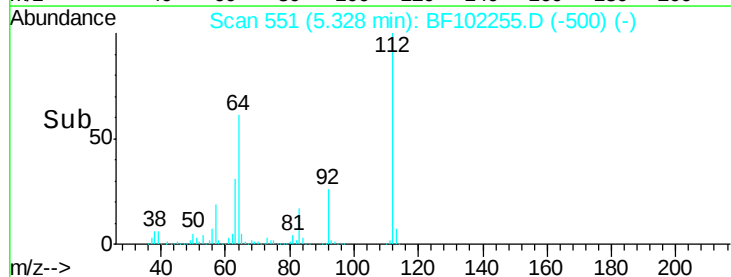
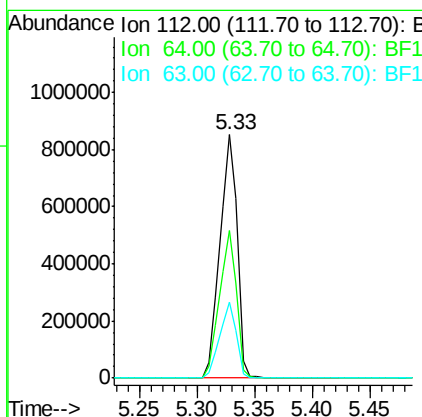
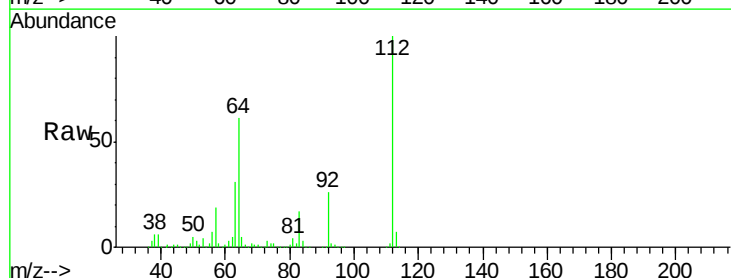
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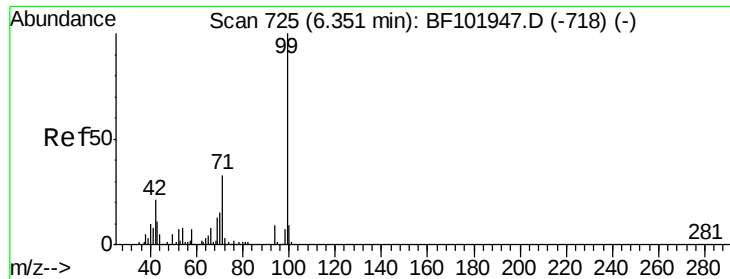


#5

2-Fluorophenol
 Concen: 88.46 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.00 min
 Lab File: BF102255.D
 Acq: 20 Jan 2018 10:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	47.9	71.9
63	31.3	23.7	35.5





#7

Phenol-d6

Concen: 88.31 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102255.D

Acq: 20 Jan 2018 10:28

Instrument :

BNA_F

ClientSampled :

SB-57-0-2.0

Tot Ion: 99 Resp: 1057426

Ion Ratio Lower Upper

99 100

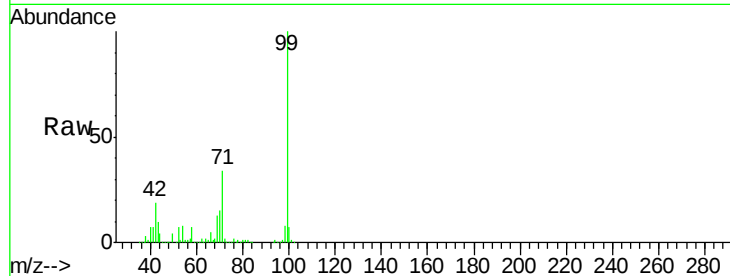
42 19.1 14.5 21.7

71 33.6 25.4 38.0

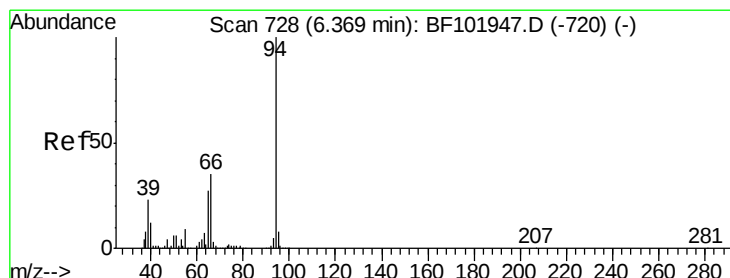
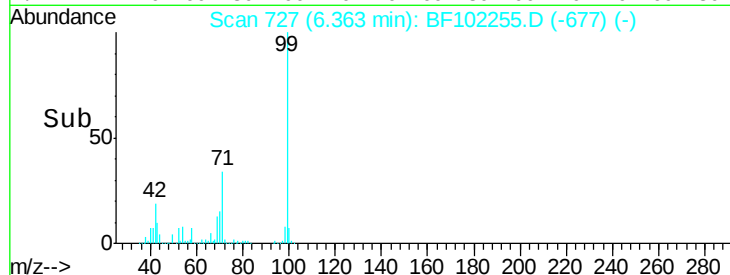
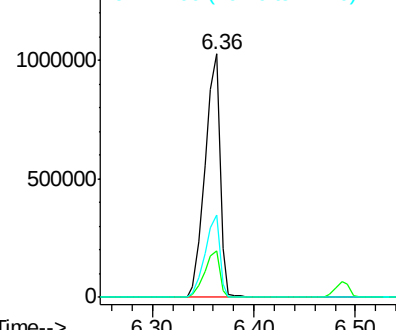
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.58 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102255.D

Acq: 20 Jan 2018 10:28

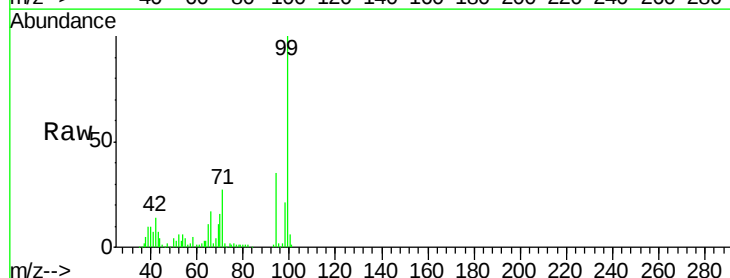
Tgt Ion: 94 Resp: 48441

Ion Ratio Lower Upper

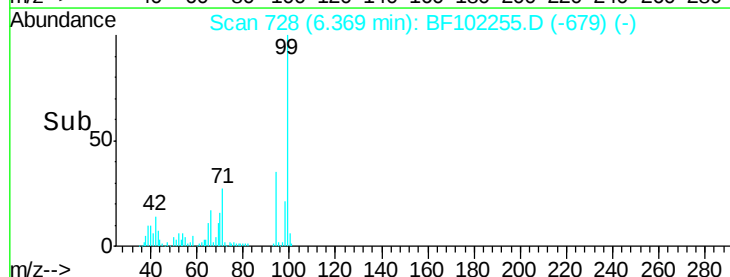
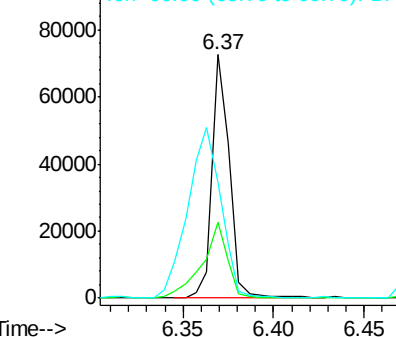
94 100

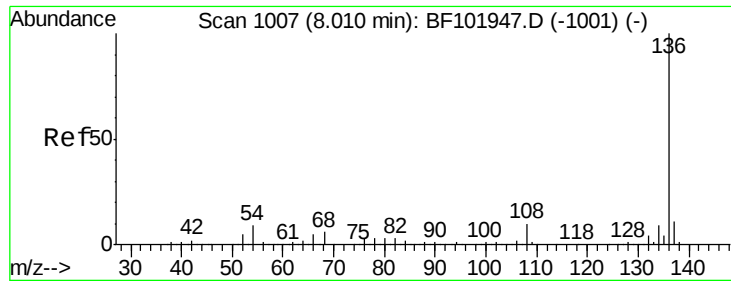
65 31.1 7.9 47.9

66 47.5 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





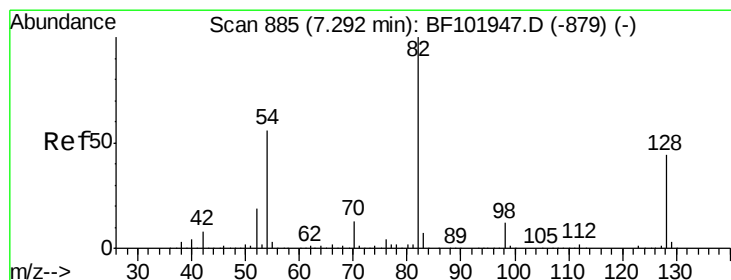
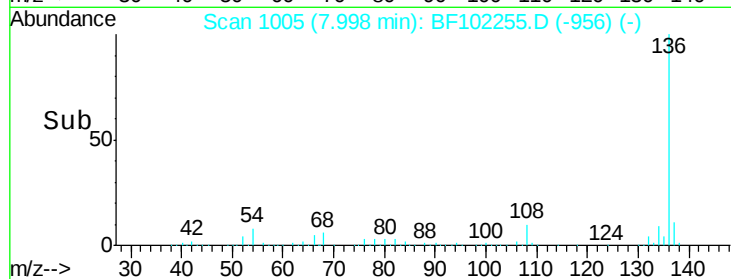
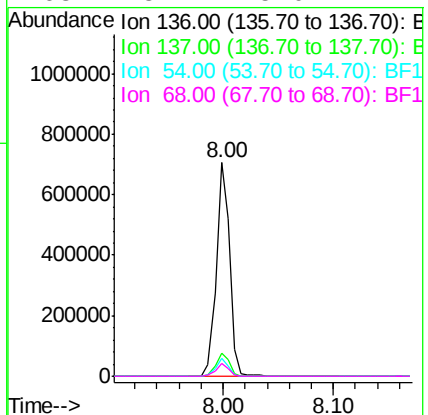
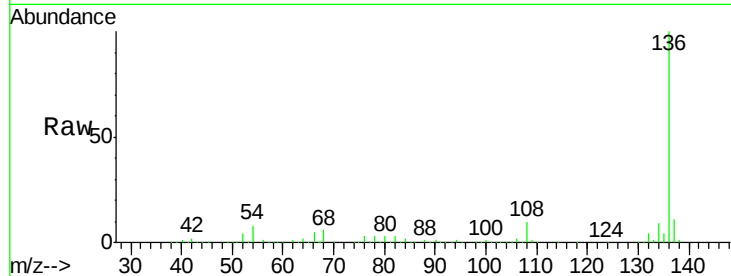
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102255.D
Acq: 20 Jan 2018 10:28

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100	586890		
137	11.0	8.9	13.3	
54	8.2	6.6	9.8	
68	5.7	5.0	7.4	

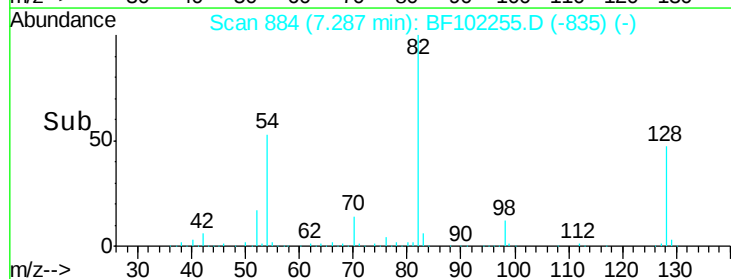
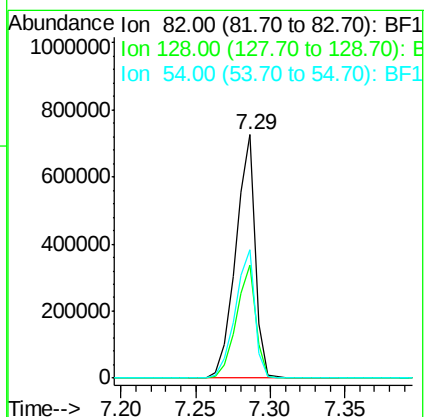
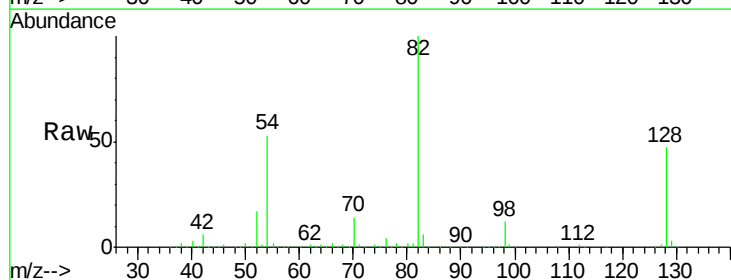
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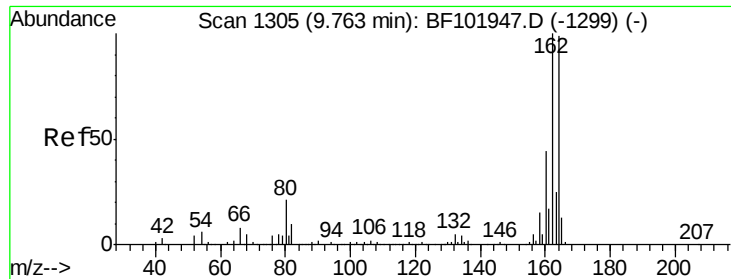
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#23
Nitrobenzene-d5
Concen: 66.46 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102255.D
Acq: 20 Jan 2018 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	663774		
128	46.6	36.1	54.1	
54	52.6	41.4	62.2	





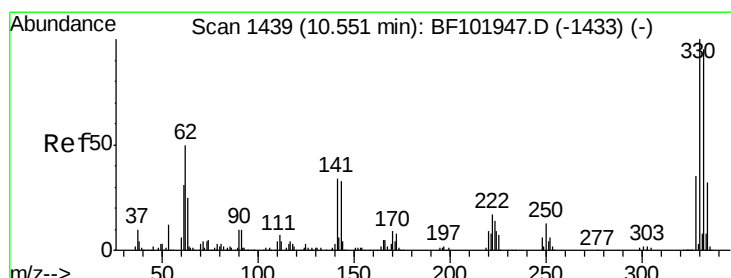
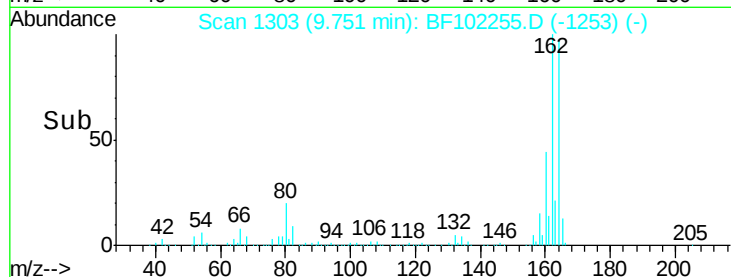
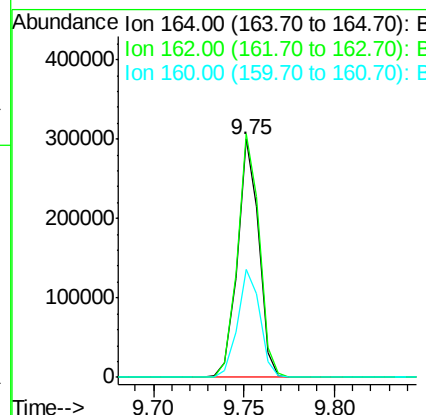
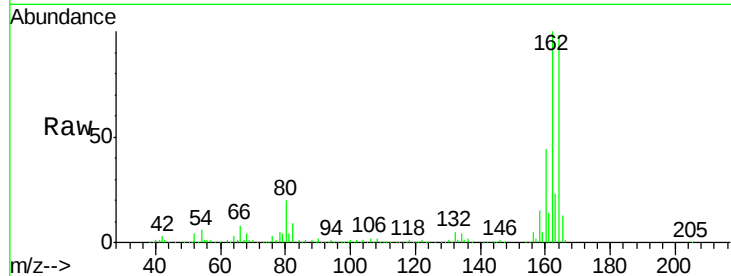
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102255.D
Acq: 20 Jan 2018 10:28

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

Tot Ion	Ratio	Resp	Lower	Upper
164	100	244920		
162	102.3	86.1	129.1	
160	45.2	38.3	57.5	

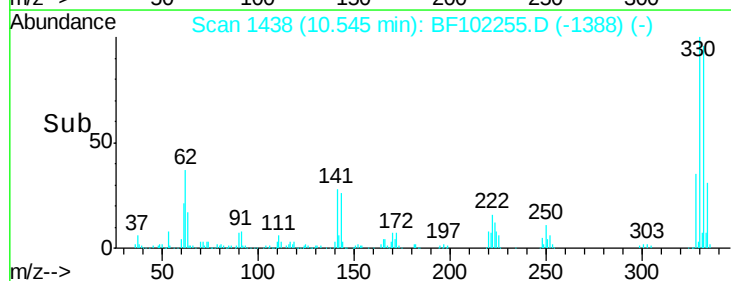
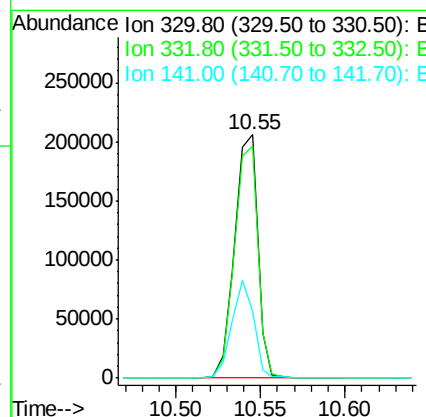
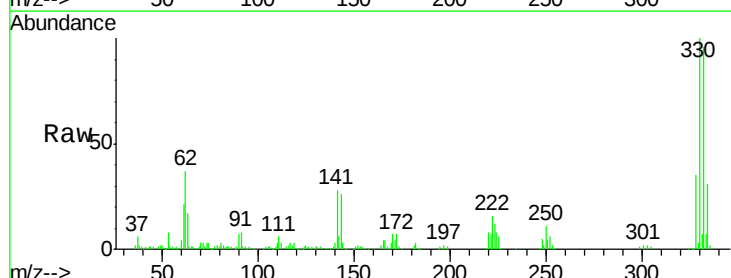
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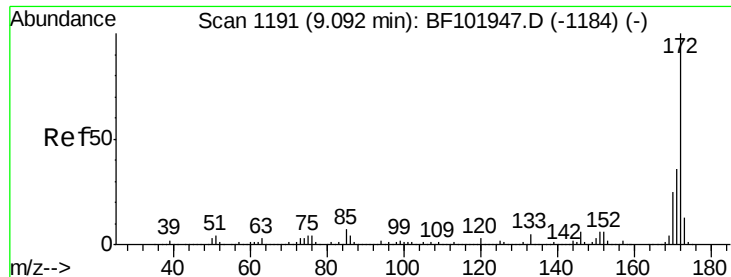
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#41
2,4,6-Tribromophenol
Concen: 91.76 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF102255.D
Acq: 20 Jan 2018 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	196118		
332	96.4	77.0	115.6	
141	38.8	29.9	44.9	





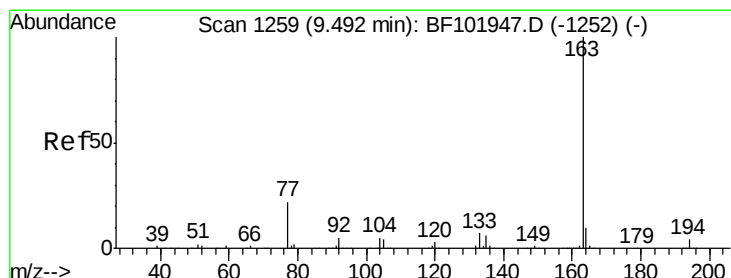
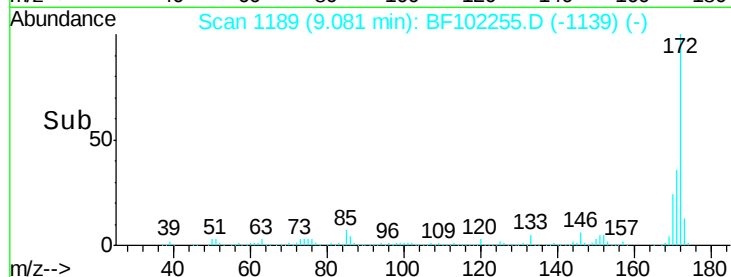
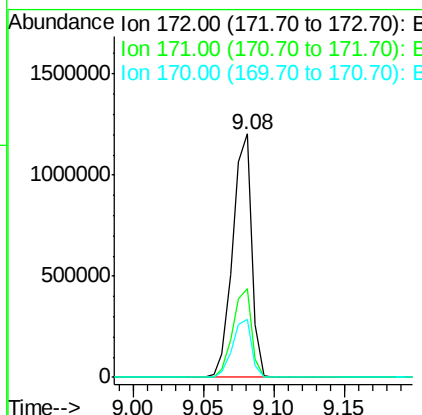
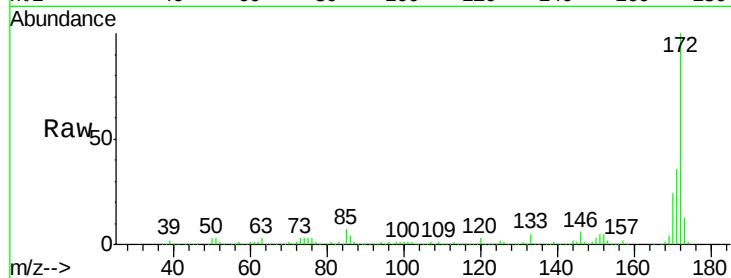
#44
2-Fluorobiphenyl
Concen: 71.79 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102255.D
Acq: 20 Jan 2018 10:28

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.6	19.6	29.4

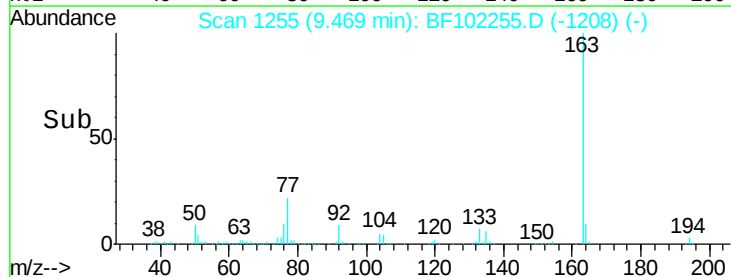
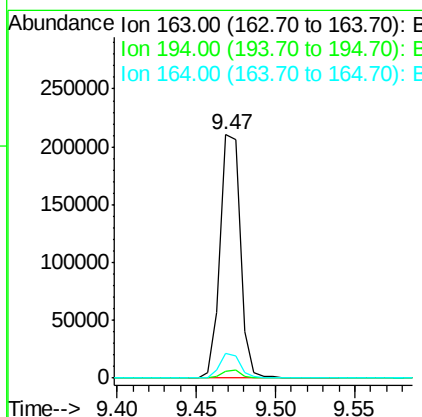
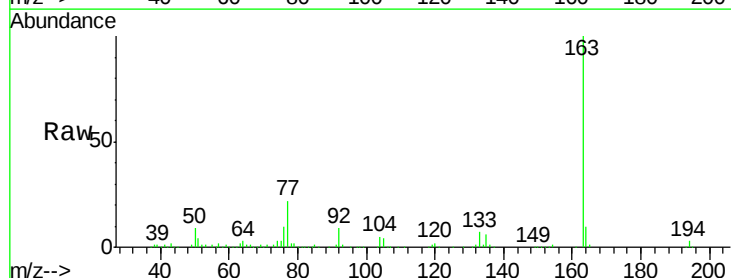
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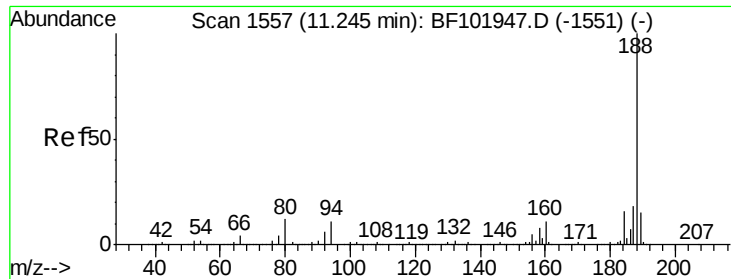
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#49
Dimethylphthalate
Concen: 9.49 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF102255.D
Acq: 20 Jan 2018 10:28

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.7	4.1
164	10.2	8.2	12.2





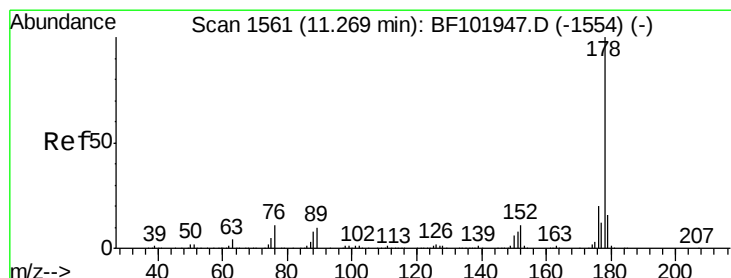
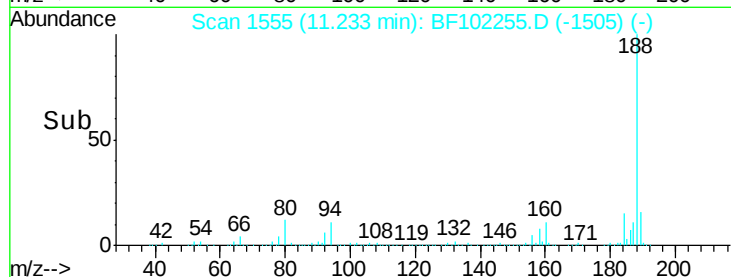
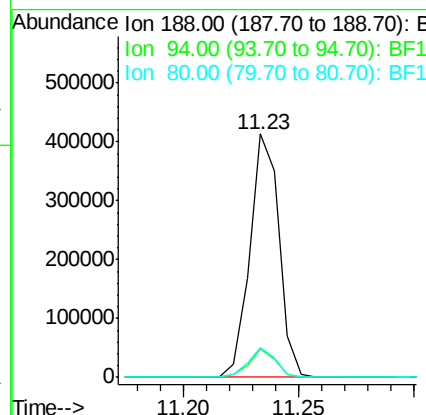
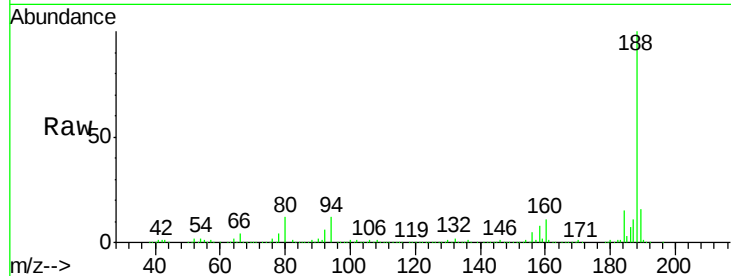
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102255.D
Acq: 20 Jan 2018 10:28

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

Tot Ion	Ratio	Resp	Lower	Upper
188	100	364465		
94	11.5		8.5	12.7
80	12.3		9.2	13.8

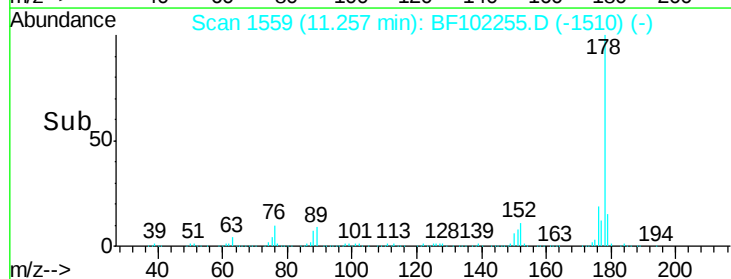
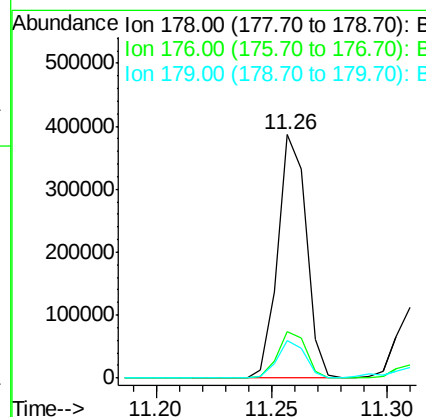
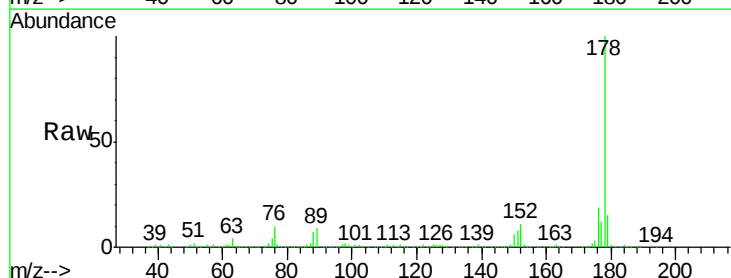
Manual Integrations
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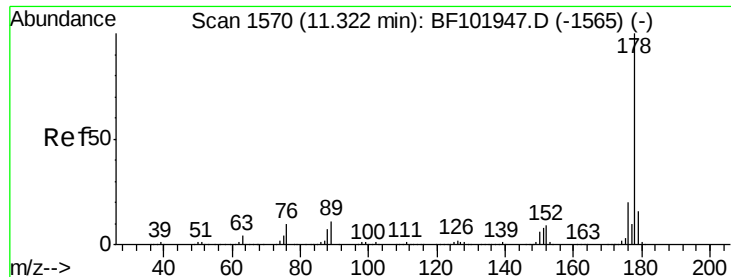
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#70
Phenanthrene
Concen: 15.55 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF102255.D
Acq: 20 Jan 2018 10:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	331139		
176	19.2		15.8	23.8
179	15.5		13.0	19.6





#71

Anthracene

Concen: 4.00 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF102255.D

Acq: 20 Jan 2018 10:28

Instrument :

BNA_F

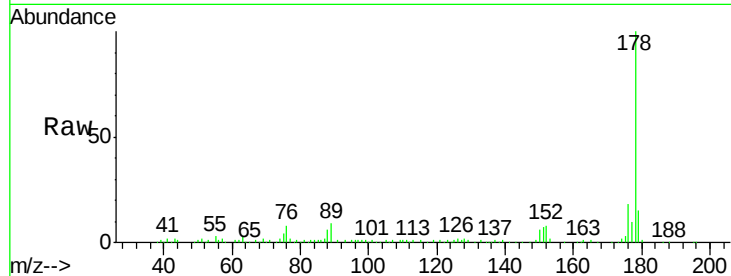
ClientSampleId :

SB-57-0-2.0

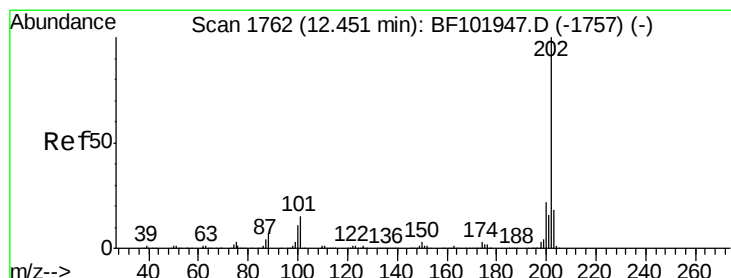
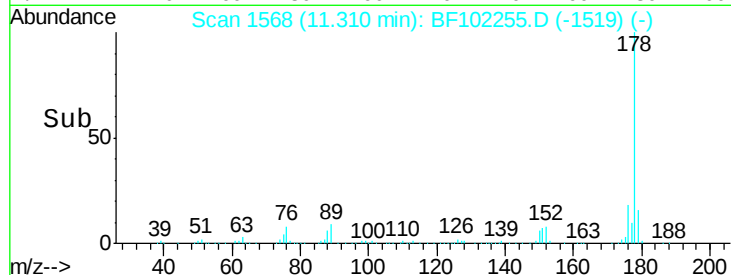
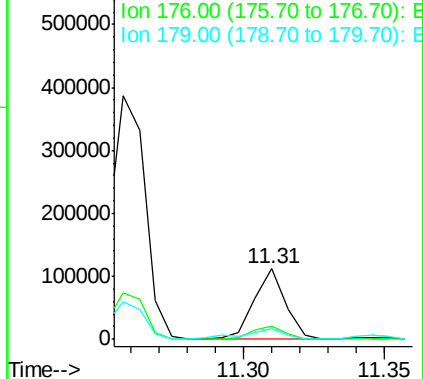
Tot Ion:178	Resp:	86327
Ion Ratio	Lower	Upper
178	100	
176	18.3	15.4 23.2
179	15.4	12.6 19.0

Manual Integrations
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 19.63 ng

RT: 12.45 min Scan# 1761

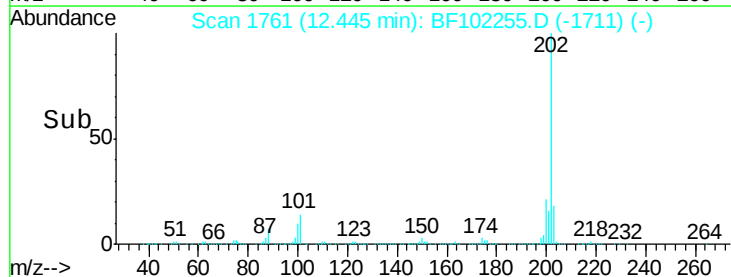
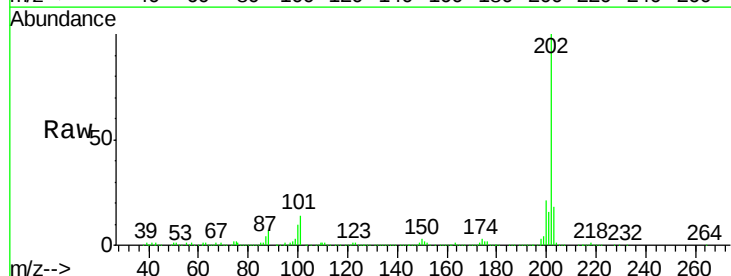
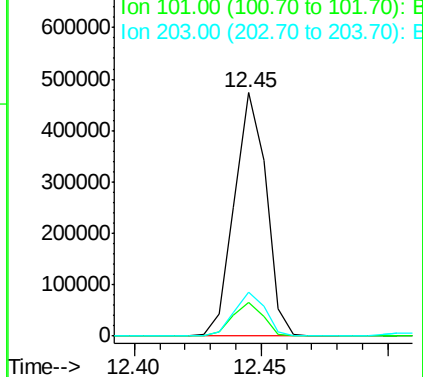
Delta R.T. -0.01 min

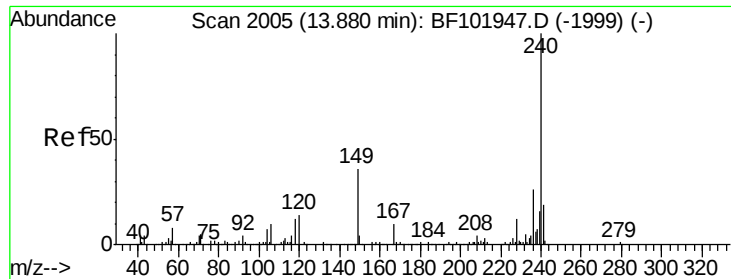
Lab File: BF102255.D

Acq: 20 Jan 2018 10:28

Tgt Ion:202	Resp:	411089
Ion Ratio	Lower	Upper
202	100	
101	13.9	0.0 34.1
203	18.0	0.0 38.1

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF102255.D

Acq: 20 Jan 2018 10:28

Instrument :

BNA_F

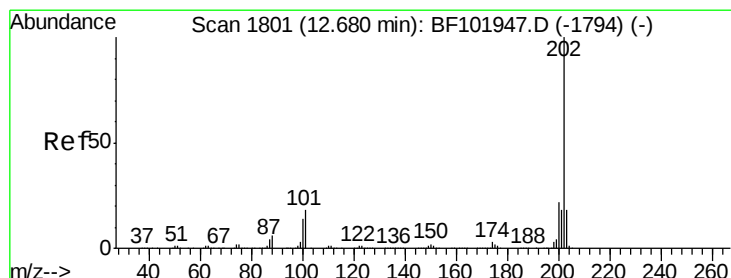
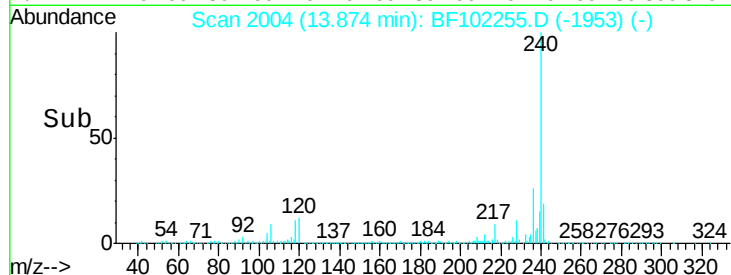
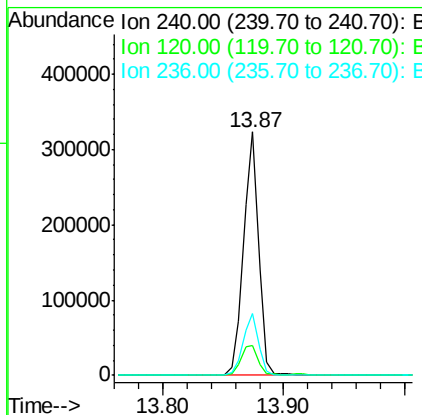
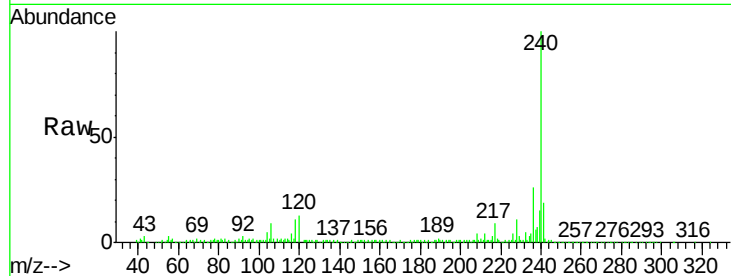
ClientSampled :

SB-57-0-2.0

Tot Ion:	240	Resp:	281622
Ion Ratio	Lower	Upper	
240	100		
120	12.5	9.5	14.3
236	25.7	20.7	31.1

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#77

Pyrene

Concen: 15.40 ng

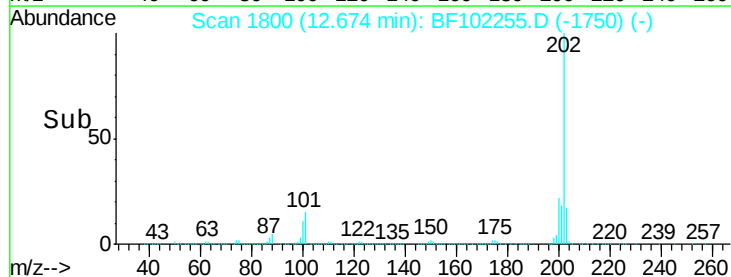
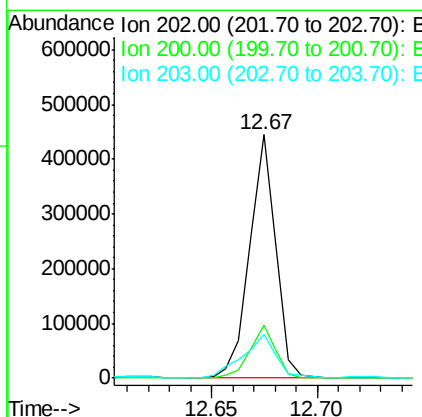
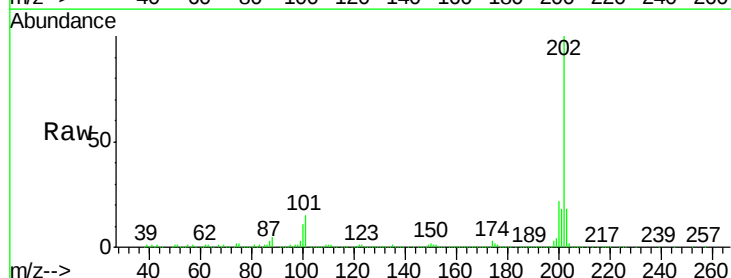
RT: 12.67 min Scan# 1800

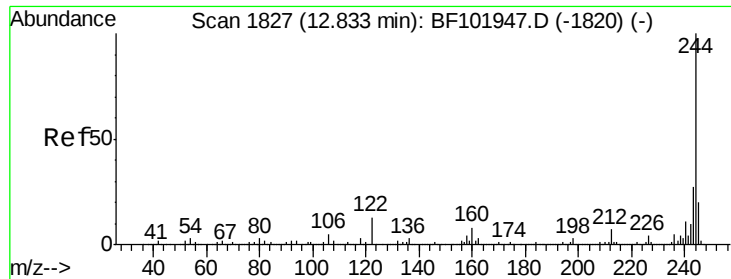
Delta R.T. -0.01 min

Lab File: BF102255.D

Acq: 20 Jan 2018 10:28

Tgt Ion:	202	Resp:	383451
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.4	26.2
203	17.8	14.3	21.5





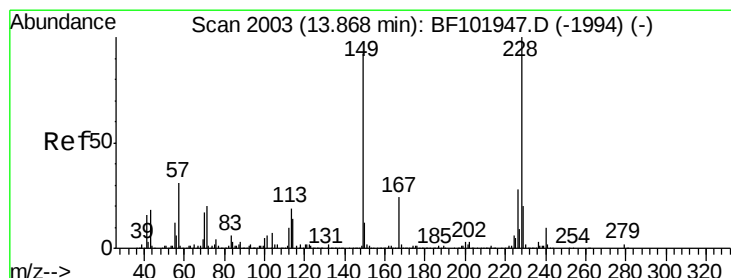
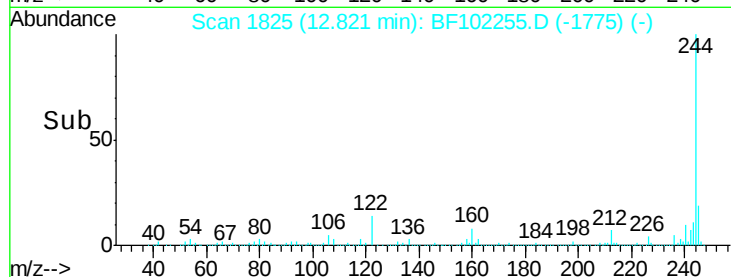
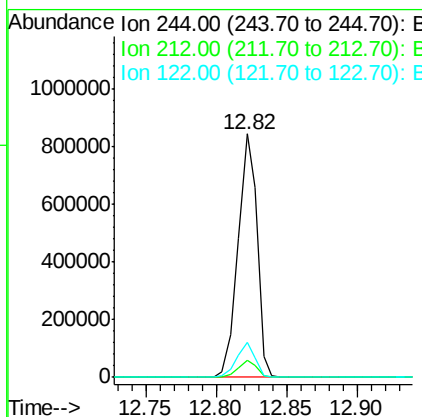
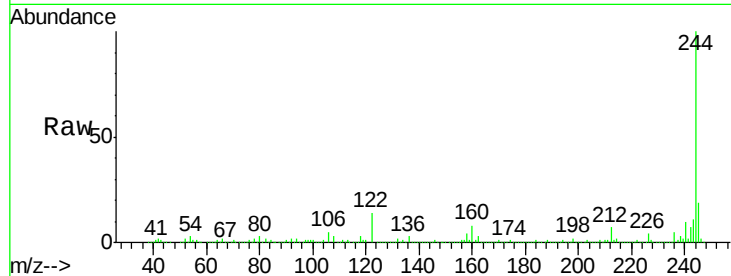
#78
 Terphenyl-d14
 Concen: 58.18 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF102255.D
 Acq: 20 Jan 2018 10:28

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	14.5	11.0	16.4

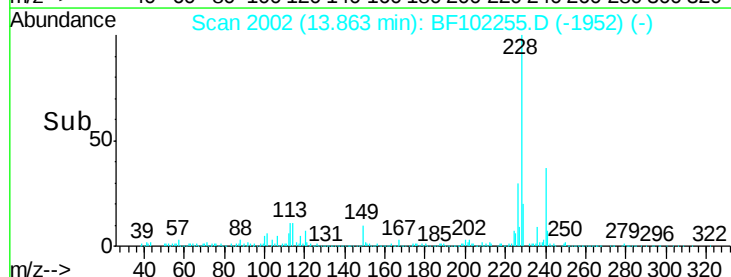
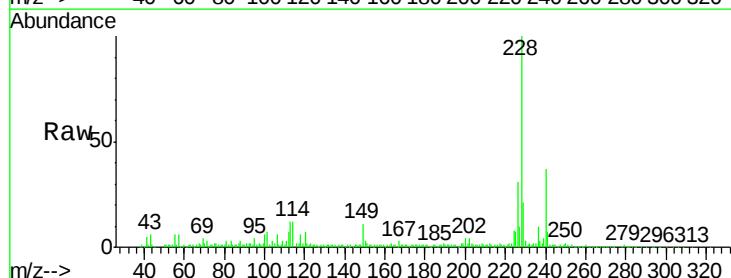
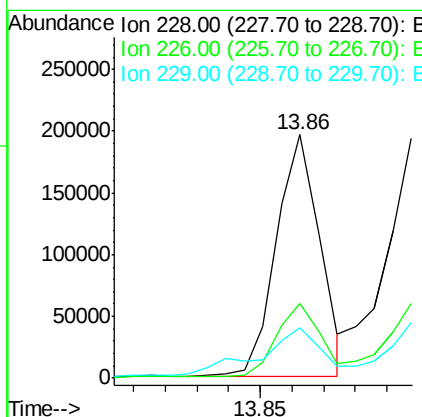
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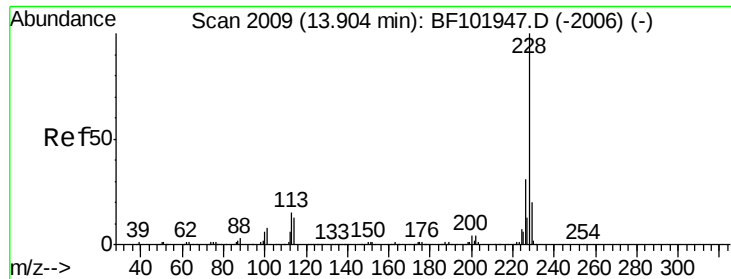
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#80
 Benzo(a)anthracene
 Concen: 10.49 ng m
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF102255.D
 Acq: 20 Jan 2018 10:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	22.6	33.8
229	20.6	15.8	23.6





#82

Chrvsene

Concen: 10.05 ng m

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF102255.D

Acq: 20 Jan 2018 10:28

Instrument :

BNA_F

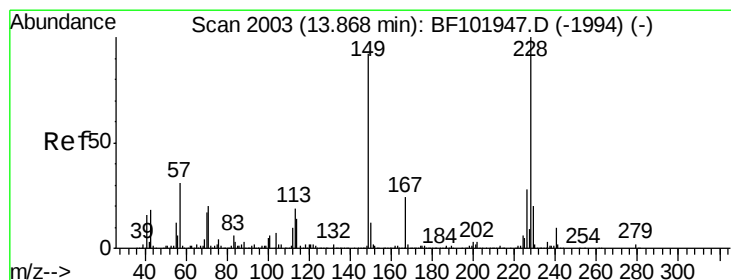
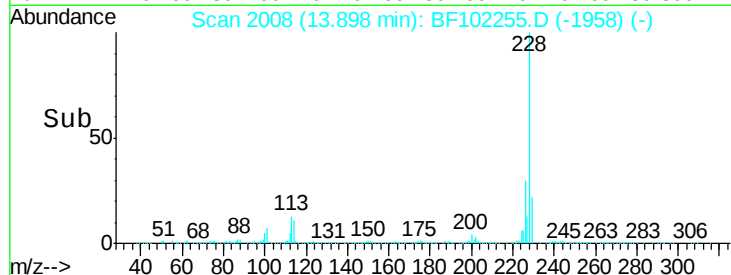
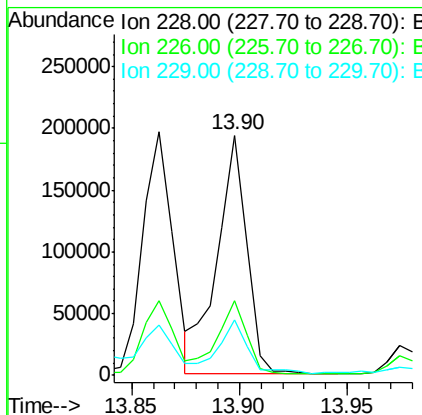
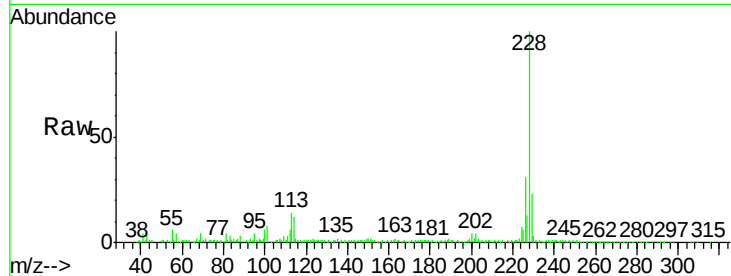
ClientSampled :

SB-57-0-2.0

Tot Ion:	228	Resp:	188354
Ion Ratio		Lower	Upper
228	100		
226	31.0	25.0	37.6
229	23.2	16.2	24.4

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#83

Bis(2-ethylhexyl)phthalate

Concen: 2.51 ng

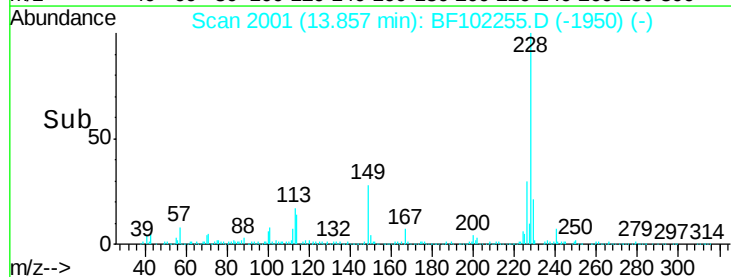
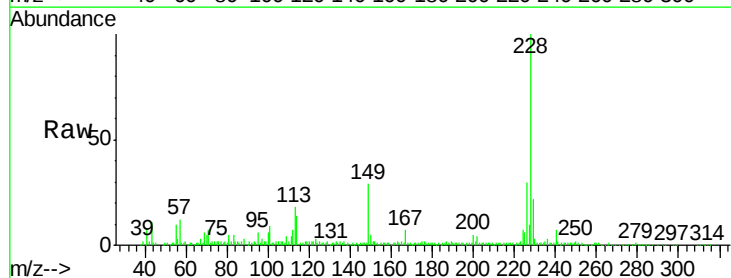
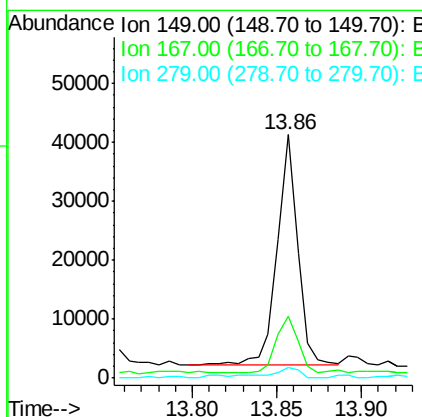
RT: 13.86 min Scan# 2001

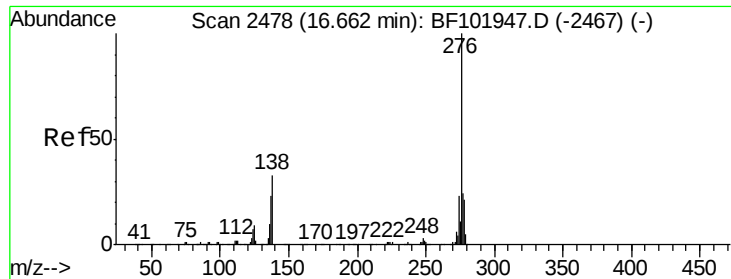
Delta R.T. 0.00 min

Lab File: BF102255.D

Acq: 20 Jan 2018 10:28

Tgt Ion:	149	Resp:	32941
Ion Ratio		Lower	Upper
149	100		
167	25.6	21.3	31.9
279	4.3	3.0	4.4





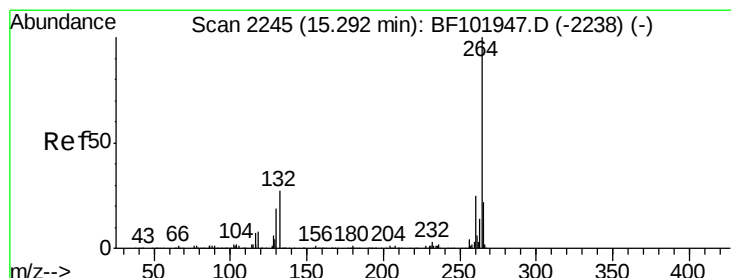
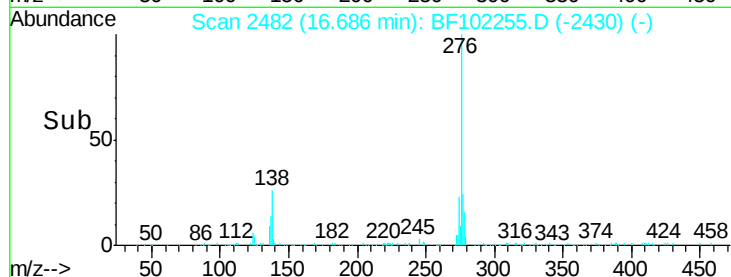
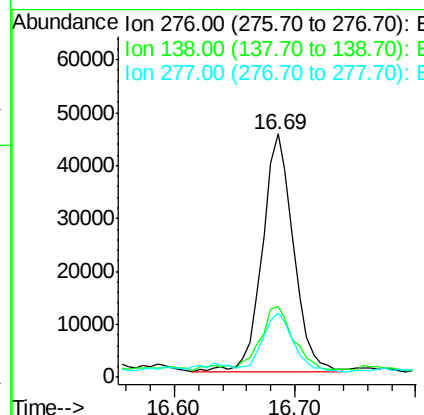
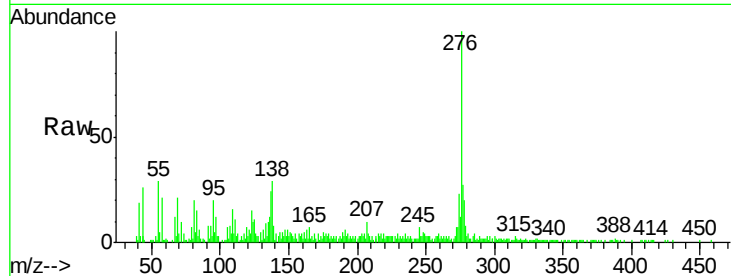
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.92 ng
RT: 16.69 min Scan# 2482
Delta R.T. 0.01 min
Lab File: BF102255.D
Acq: 20 Jan 2018 10:28

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.4	25.0	37.6
277	24.1	20.1	30.1

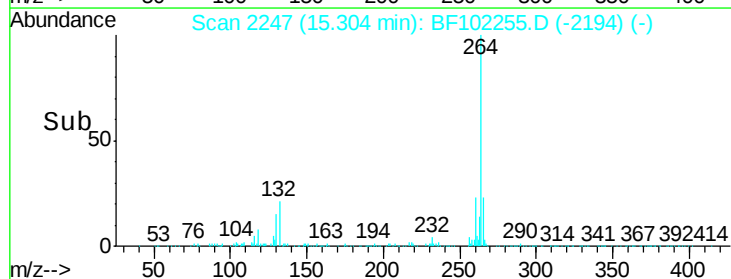
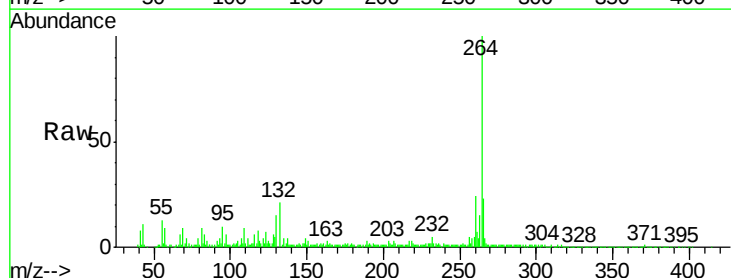
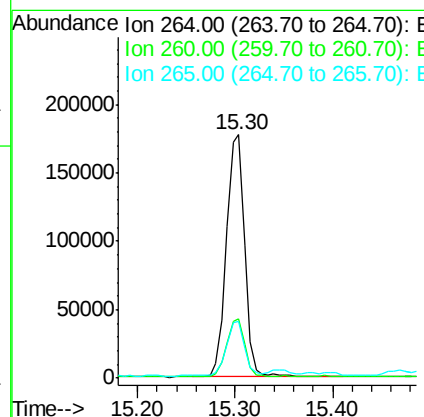
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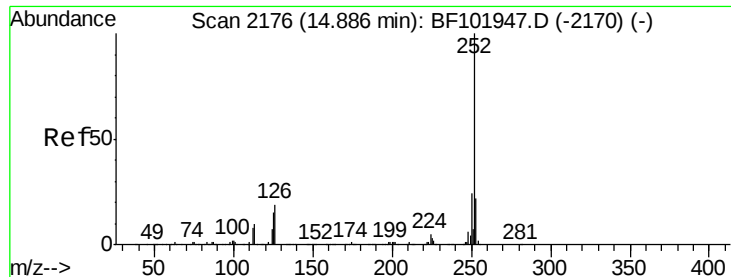
Sohil
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.01 min
Lab File: BF102255.D
Acq: 20 Jan 2018 10:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	23.3	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 14.89 ng m

RT: 14.89 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BF102255.D

Acq: 20 Jan 2018 10:28

Instrument :

BNA_F

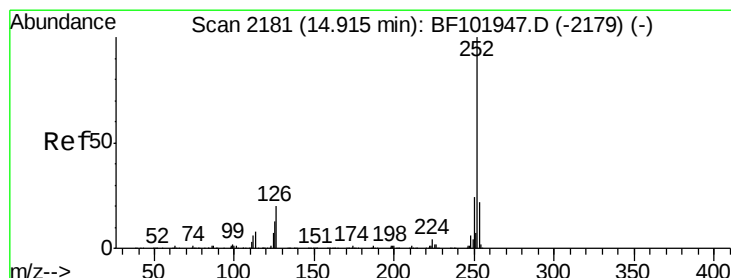
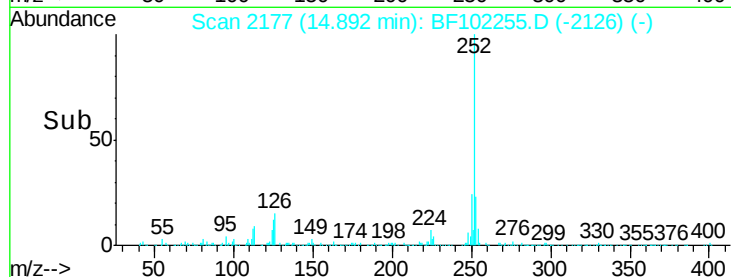
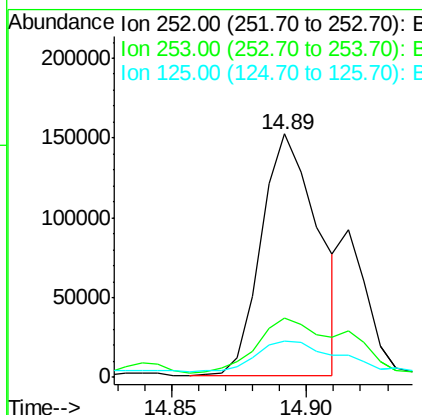
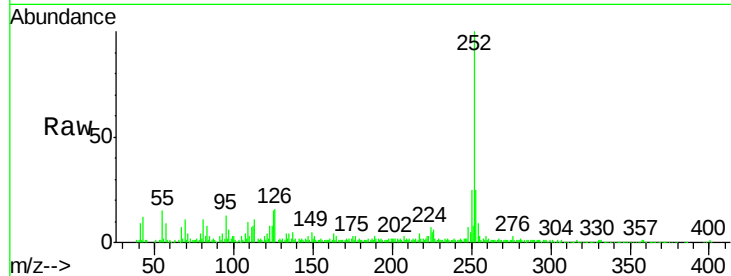
ClientSampleId :

SB-57-0-2.0

Tot Ion:	252	Resp:	222757
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.0	25.6
125	14.8	9.0	13.6#

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#88

Benzo(k)fluoranthene

Concen: 4.43 ng m

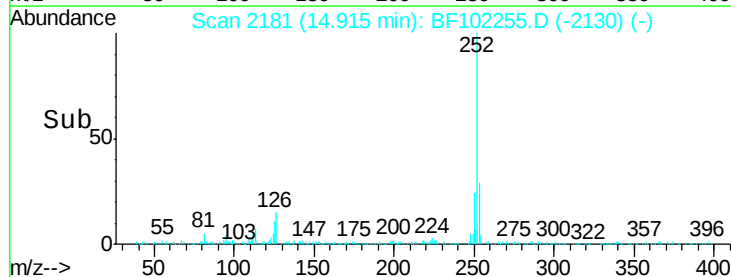
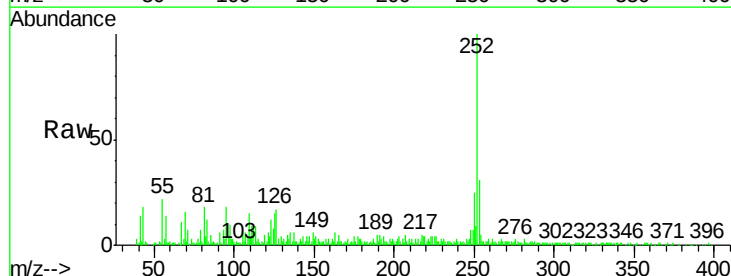
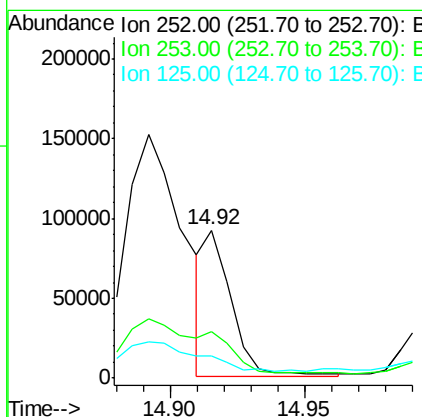
RT: 14.92 min Scan# 2181

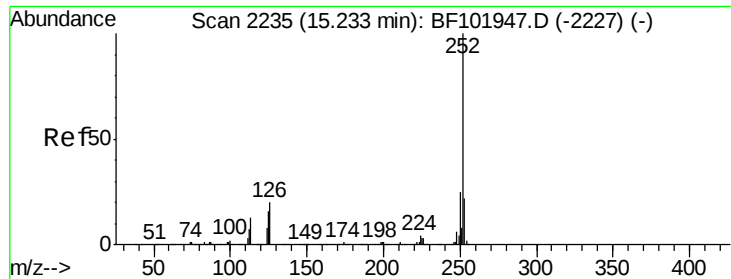
Delta R.T. 0.00 min

Lab File: BF102255.D

Acq: 20 Jan 2018 10:28

Tgt Ion:	252	Resp:	63892
Ion Ratio	Lower	Upper	
252	100		
253	31.2	17.9	26.9#
125	15.1	10.2	15.2





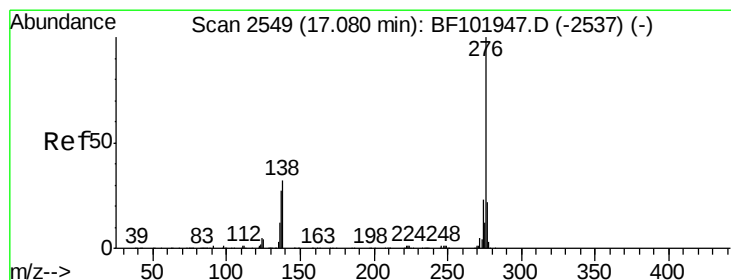
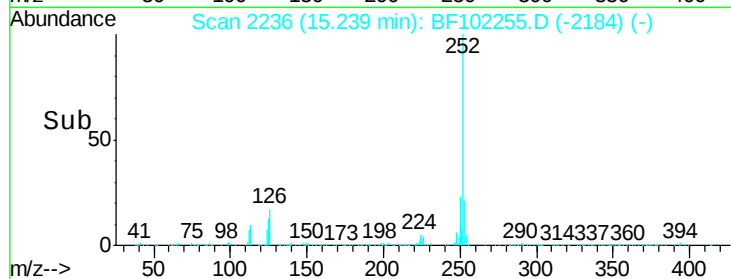
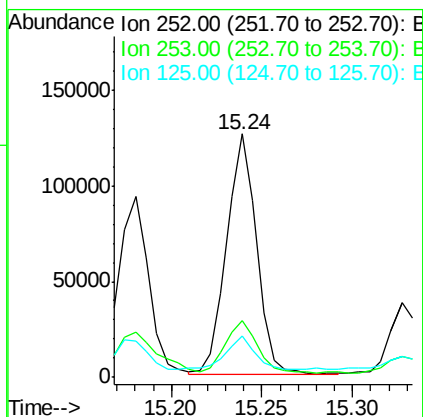
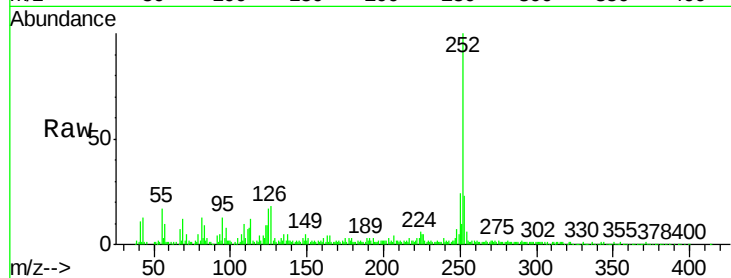
#89
Benzo(a)pyrene
Concen: 10.69 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF102255.D
Acq: 20 Jan 2018 10:28

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	17.1	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 7.10 ng
RT: 17.11 min Scan# 2554
Delta R.T. 0.01 min
Lab File: BF102255.D
Acq: 20 Jan 2018 10:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	28.3	17.9	26.9
138	27.7	21.8	32.8

