

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012018\
 Data File : BF102256.D
 Acq On : 20 Jan 2018 10:55
 Operator : SJ/JU
 Sample : J1168-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
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Sohil
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Quant Time: Jan 22 02:19:58 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	150738	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	621389	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	270450	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	416316	20.00	ng	0.00
75) Chrysene-d12	13.87	240	279879	20.00	ng	0.00
86) Perylene-d12	15.30	264	269502	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	891801	83.54	ng	0.00
7) Phenol-d6	6.36	99	1085724	85.25	ng	0.00
23) Nitrobenzene-d5	7.29	82	670836	63.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	215945	91.50	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1165516	67.33	ng	0.00
78) Terphenyl-d14	12.83	244	814055	60.39	ng	0.00
Target Compounds						
10) Phenol	6.37	94	47466	3.30	ng	Qvalue 98
49) Dimethylphthalate	9.47	163	176223	8.12	ng	98
70) Phenanthrene	11.26	178	183345	7.54	ng	95
71) Anthracene	11.31	178	50525	2.05	ng	99
74) Fluoranthene	12.45	202	320461	13.39	ng	96
77) Pyrene	12.67	202	290215	11.73	ng	99
80) Benzo(a)anthracene	13.86	228	150013	8.40	ng	97
82) Chrysene	13.90	228	136229	7.32	ng	98
83) Bis(2-ethylhexyl)phthalate	13.86	149	58402	4.48	ng	# 98
85) Indeno(1,2,3-cd)pyrene	16.68	276	79511	5.87	ng	96
87) Benzo(b)fluoranthene	14.89	252	198997m	11.32	ng	
88) Benzo(k)fluoranthene	14.92	252	50041m	2.95	ng	
89) Benzo(a)pyrene	15.24	252	131921	8.34	ng	96
91) Benzo(a,h,i)perylene	17.10	276	70685	5.56	ng	94

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

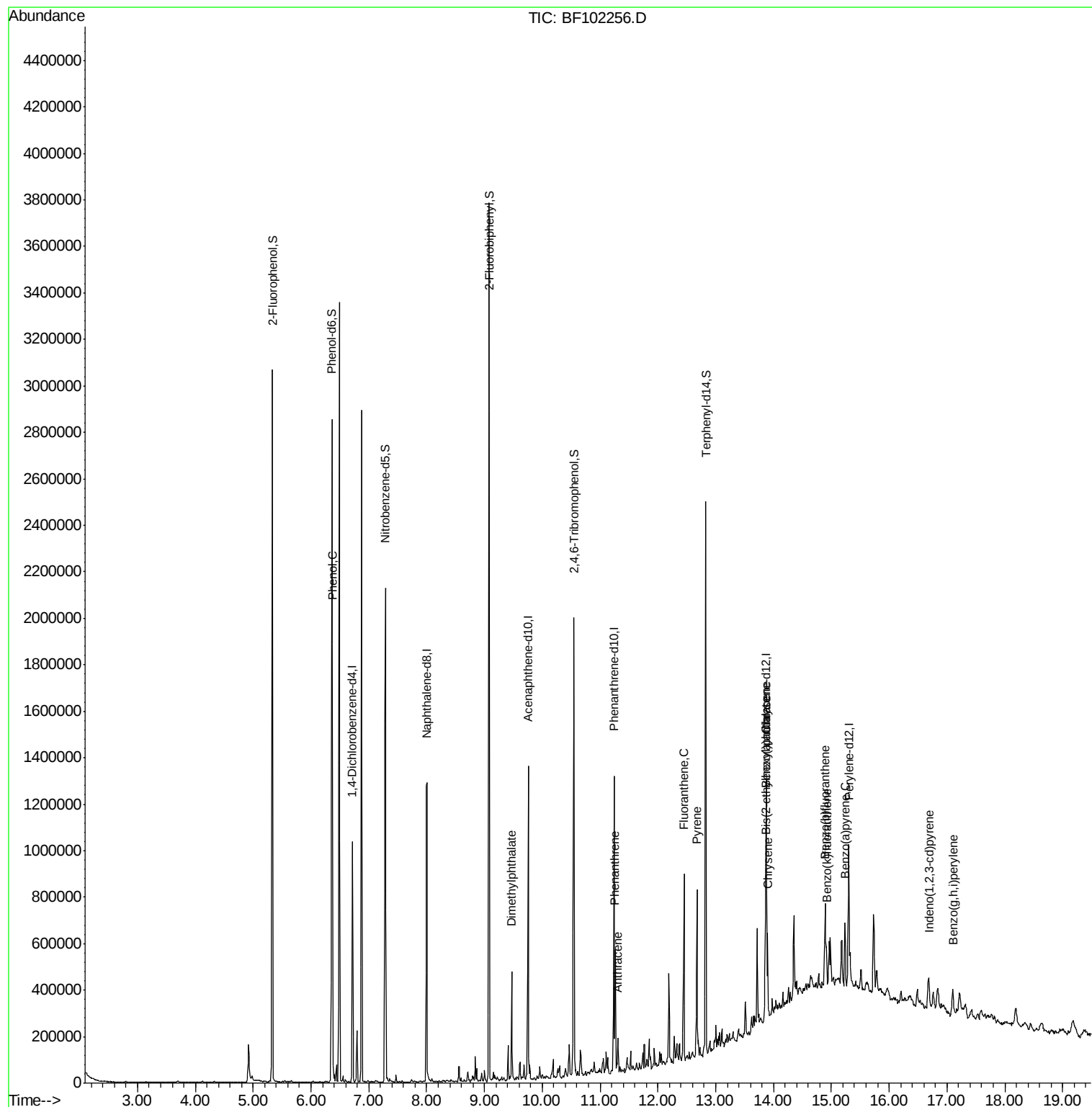
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012018\
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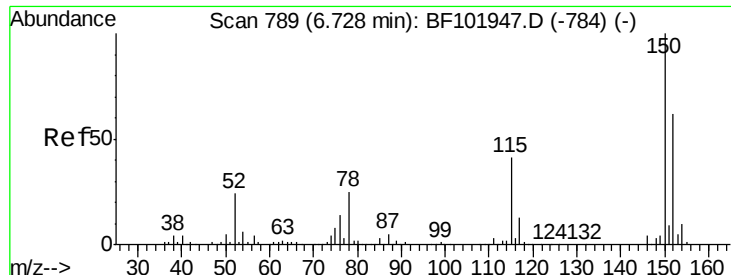
Instrument :
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#1

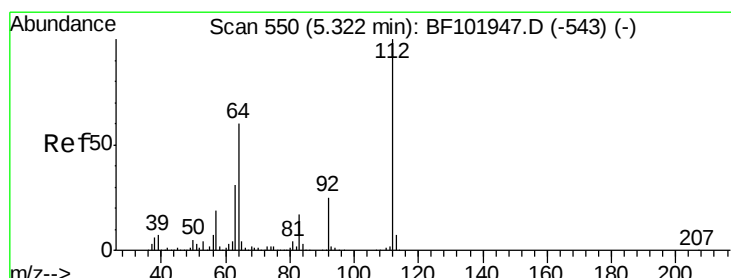
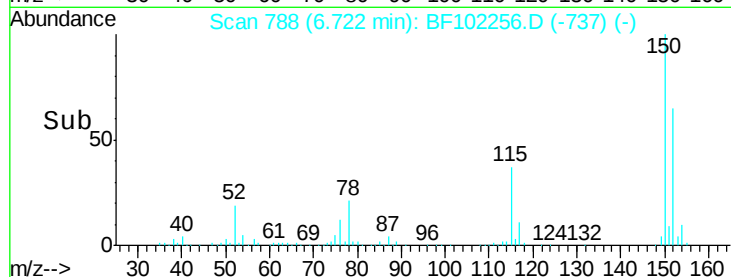
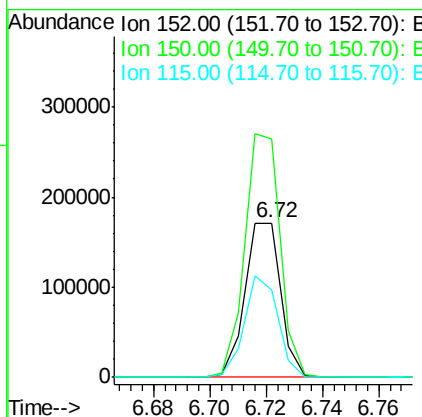
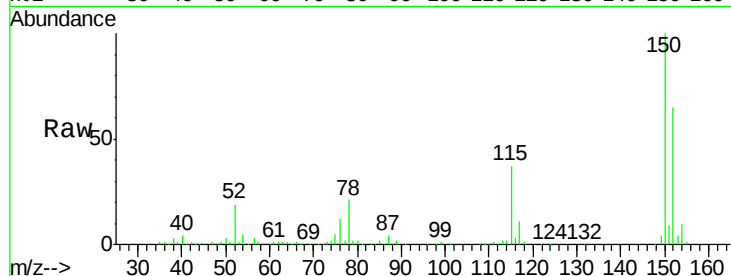
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF102256.D
Acq: 20 Jan 2018 10:55

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.6	186.8
115	57.2	50.1	75.1

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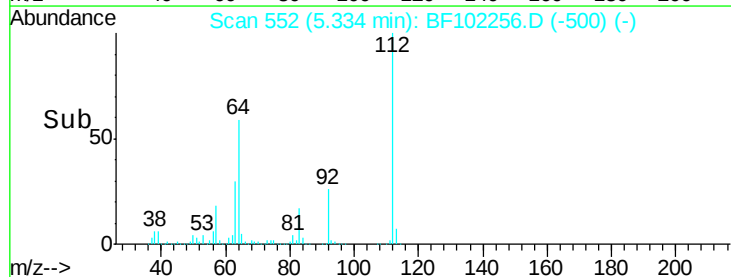
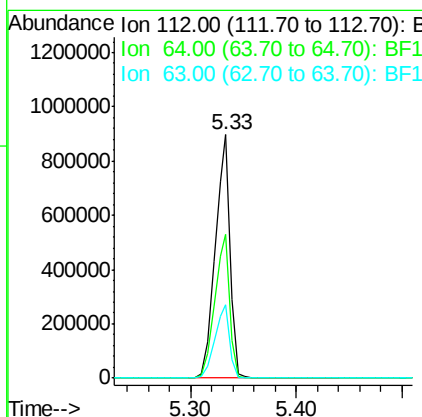
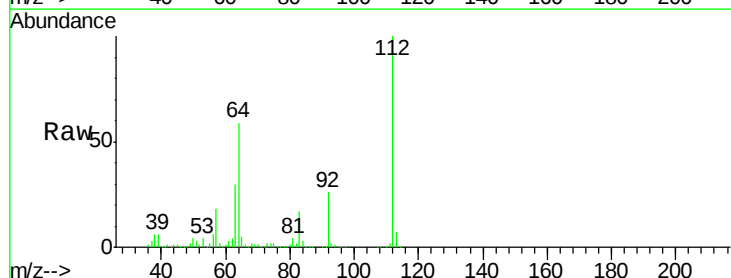
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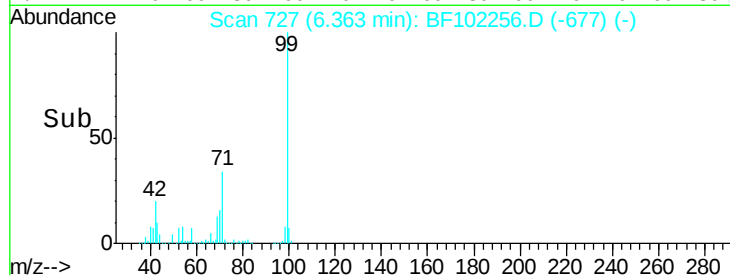
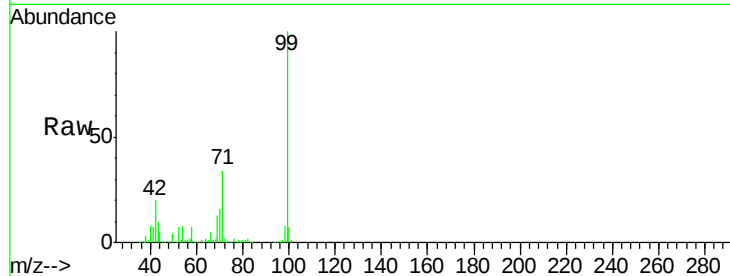
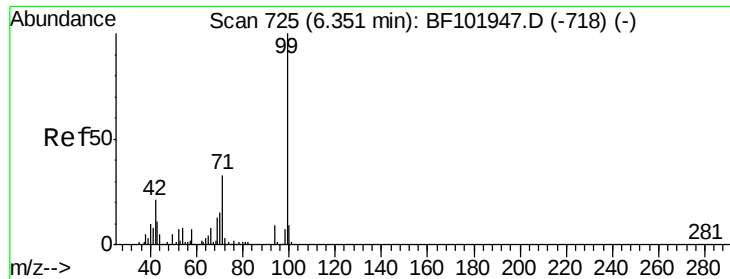


#5

2-Fluorophenol
Concen: 83.54 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102256.D
Acq: 20 Jan 2018 10:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	47.9	71.9
63	30.3	23.7	35.5





#7

Phenol-d6

Concen: 85.25 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102256.D

Acq: 20 Jan 2018 10:55

Tot Ion:	99	Resp:	1085724
Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.5	21.7
71	34.2	25.4	38.0

Instrument :

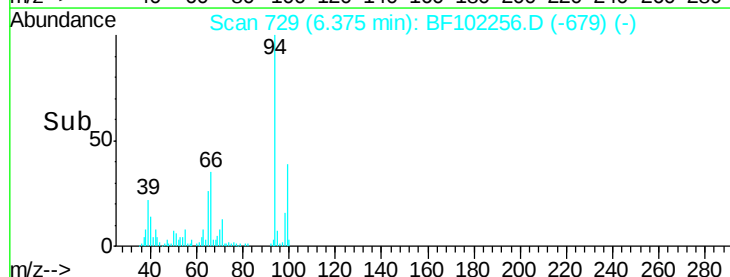
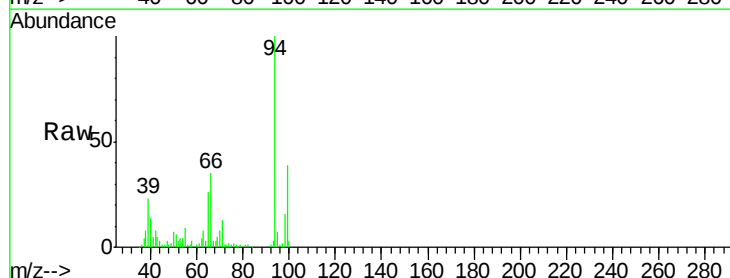
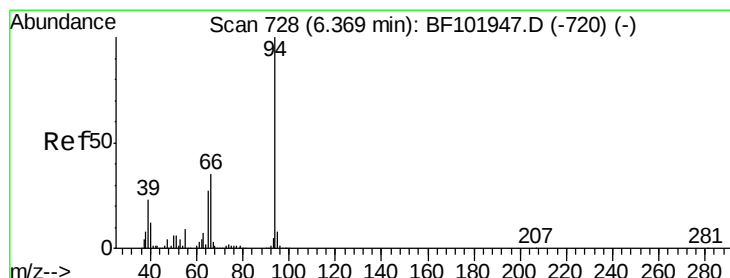
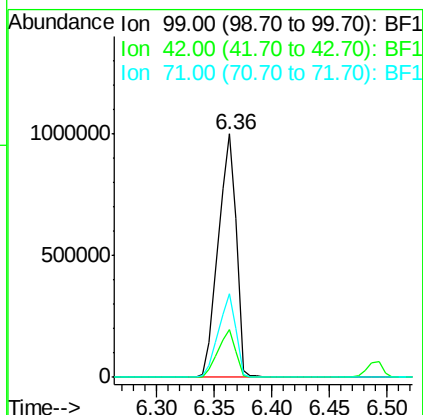
BNA_F

ClientSampled :

SB-57-0-2.0-DUP

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#10

Phenol

Concen: 3.30 ng

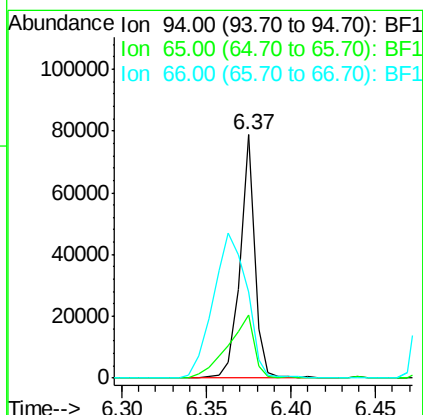
RT: 6.37 min Scan# 729

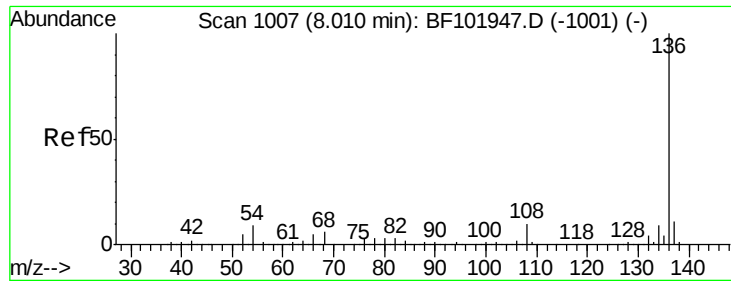
Delta R.T. -0.01 min

Lab File: BF102256.D

Acq: 20 Jan 2018 10:55

Tgt Ion:	94	Resp:	47466
Ion	Ratio	Lower	Upper
94	100		
65	26.0	7.9	47.9
66	35.5	16.2	56.2





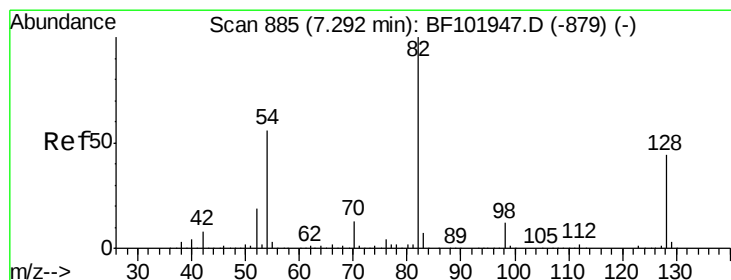
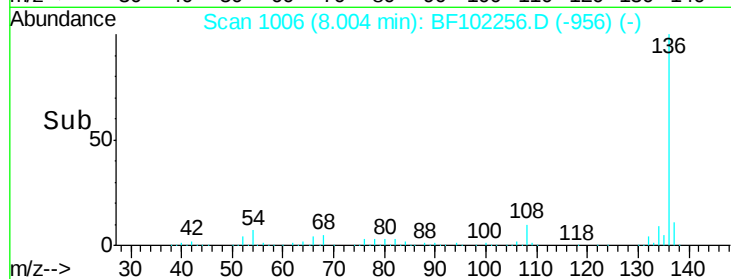
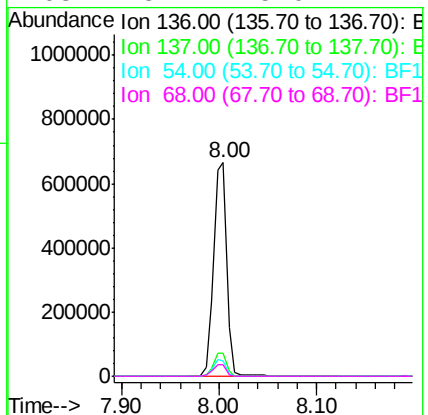
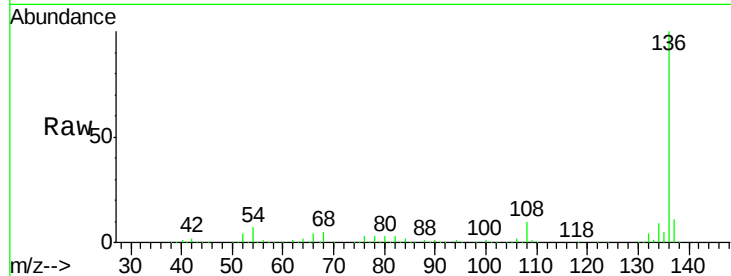
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102256.D
Acq: 20 Jan 2018 10:55

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

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.0	6.6	9.8
68	5.4	5.0	7.4

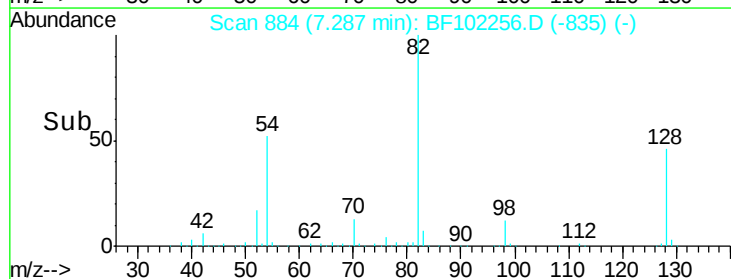
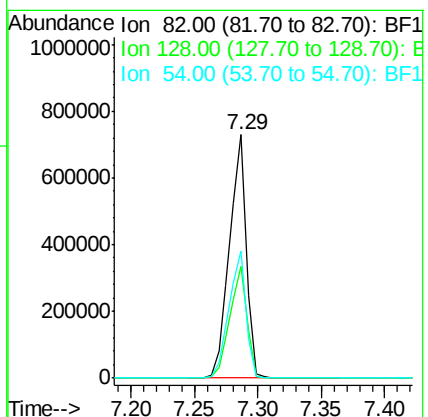
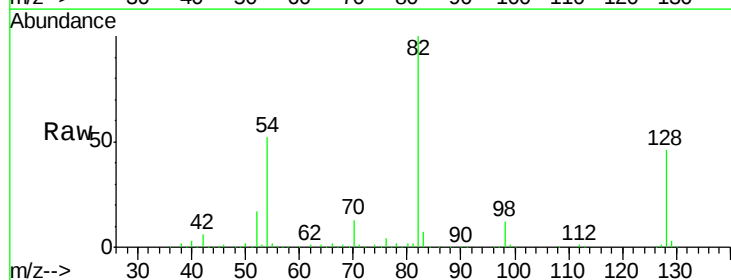
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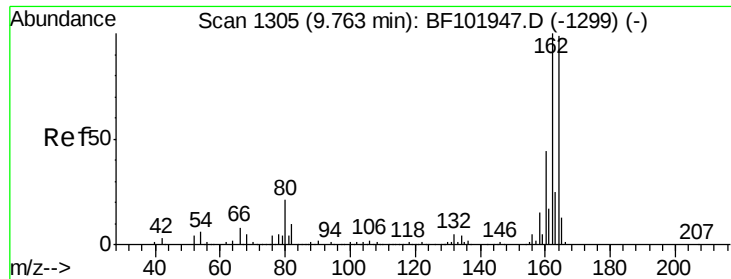
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#23
Nitrobenzene-d5
Concen: 63.44 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102256.D
Acq: 20 Jan 2018 10:55

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	52.4	41.4	62.2





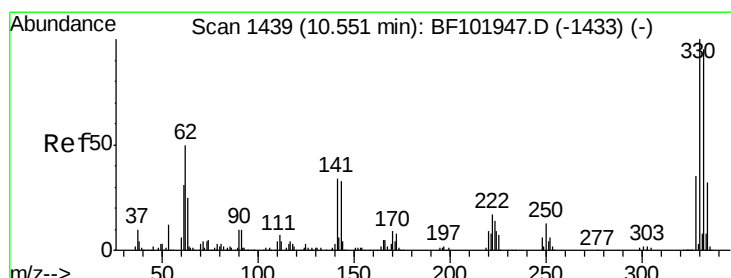
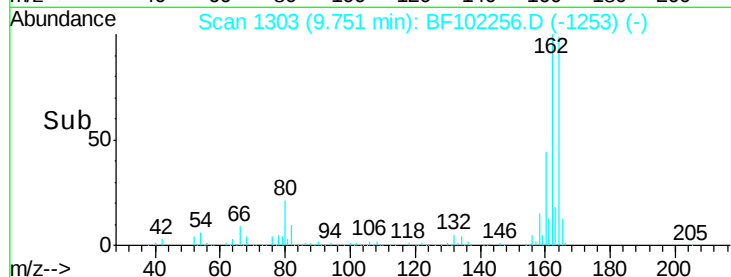
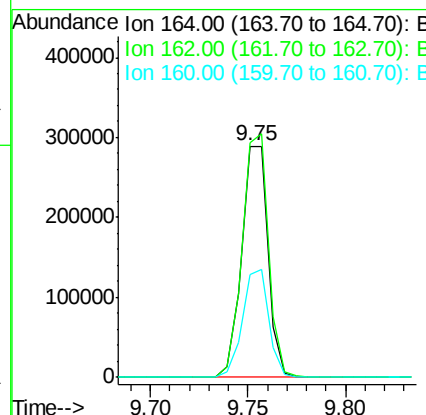
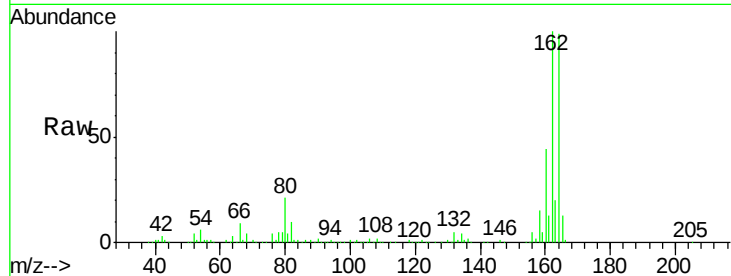
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102256.D
 Acq: 20 Jan 2018 10:55

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

Tot Ion	Ratio	Resp	Lower	Upper
164	100	270450		
162	101.4	86.1	129.1	
160	44.5	38.3	57.5	

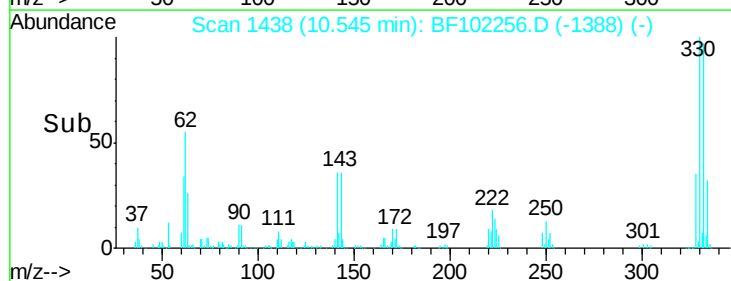
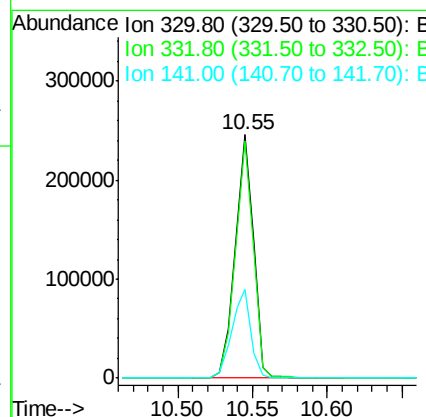
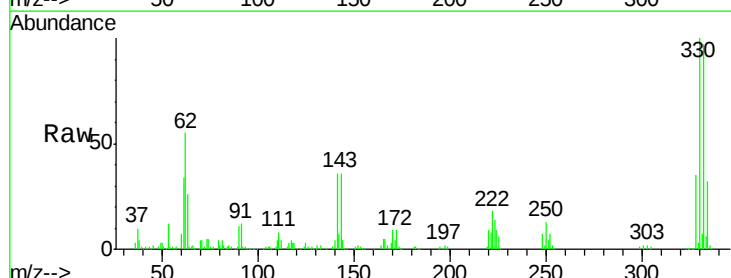
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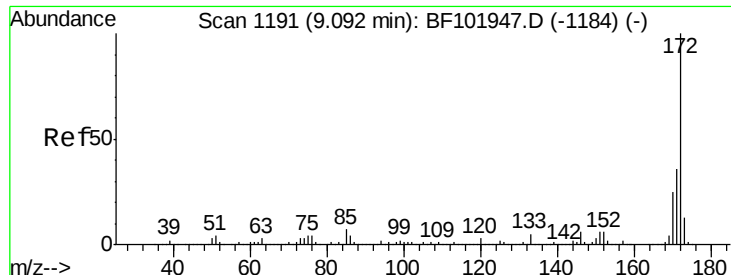
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#41
 2,4,6-Tribromophenol
 Concen: 91.50 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102256.D
 Acq: 20 Jan 2018 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	215945		
332	95.6	77.0	115.6	
141	38.0	29.9	44.9	





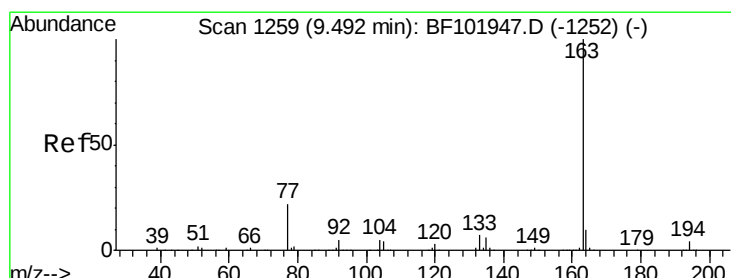
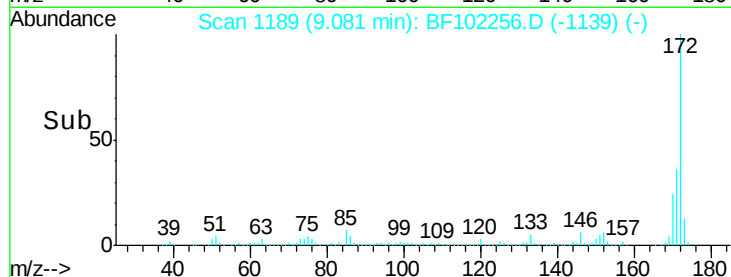
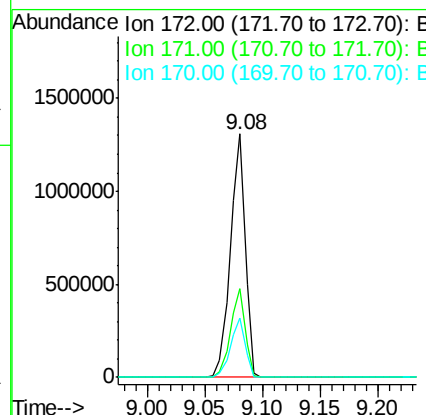
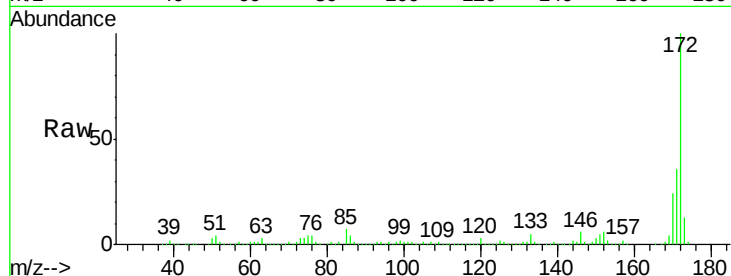
#44
2-Fluorobiphenyl
Concen: 67.33 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102256.D
Acq: 20 Jan 2018 10:55

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.1	19.6	29.4

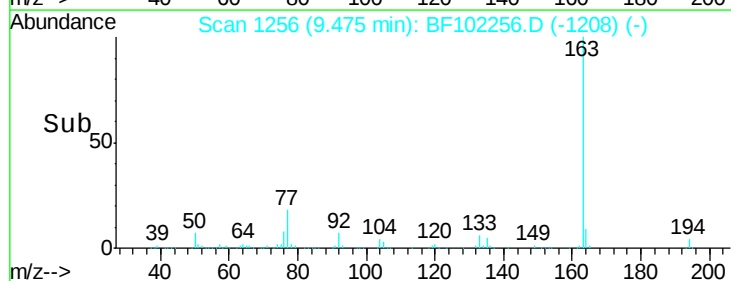
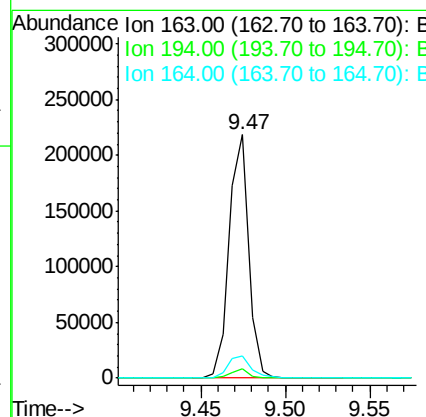
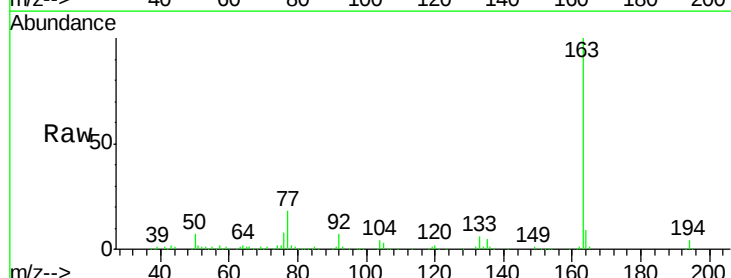
Manual Integrations
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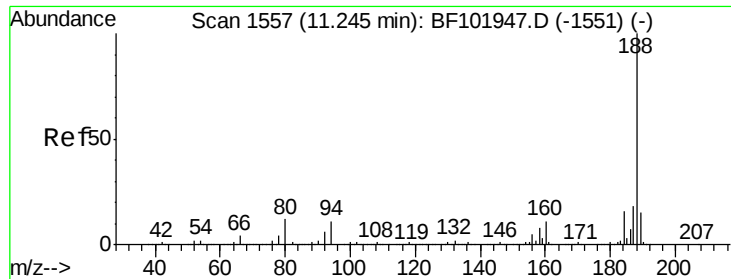
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#49
Dimethylphthalate
Concen: 8.12 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102256.D
Acq: 20 Jan 2018 10:55

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.3	8.2	12.2





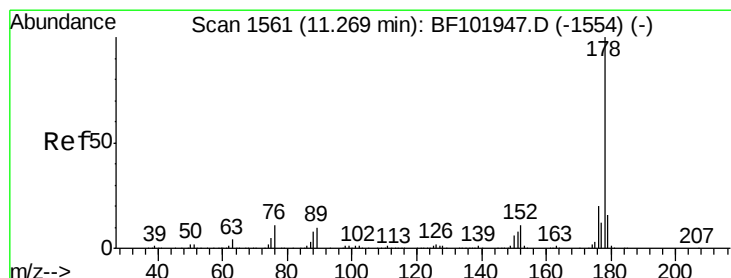
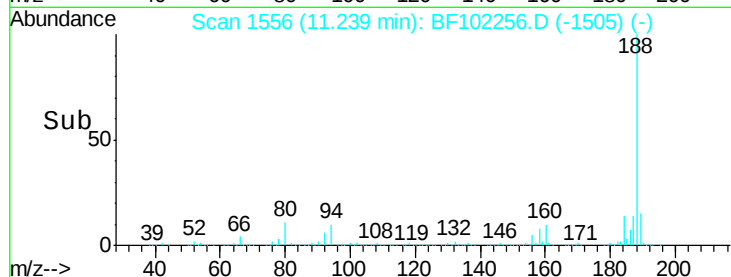
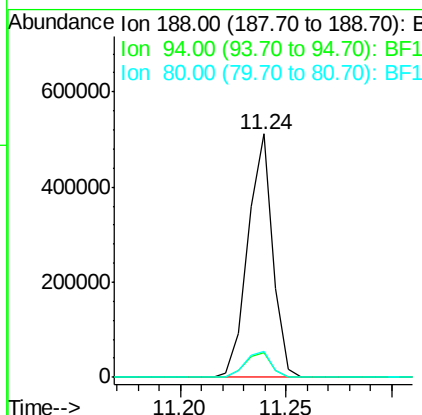
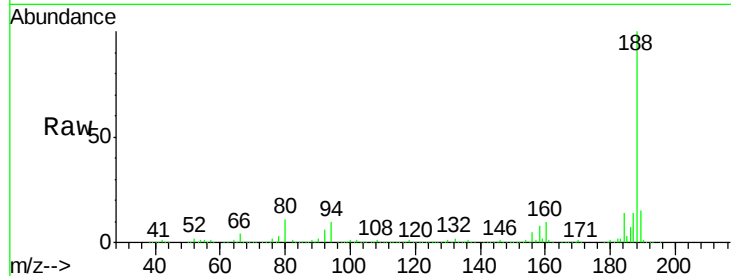
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102256.D
Acq: 20 Jan 2018 10:55

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

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.1	8.5	12.7
80	10.9	9.2	13.8

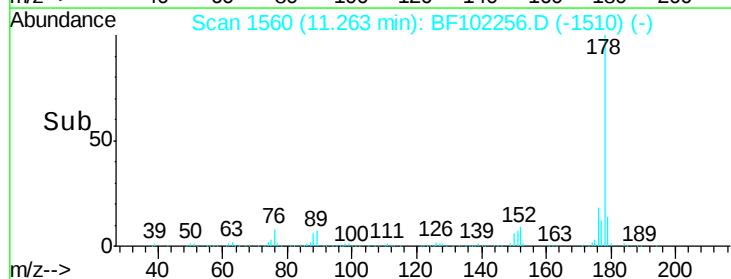
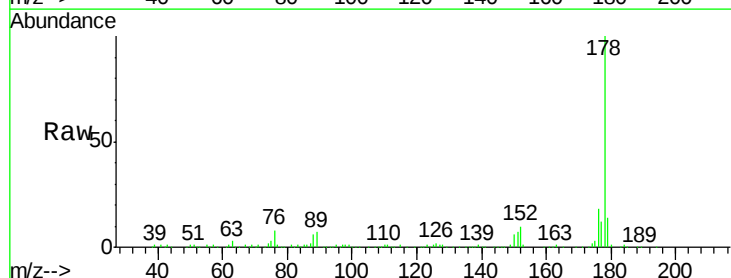
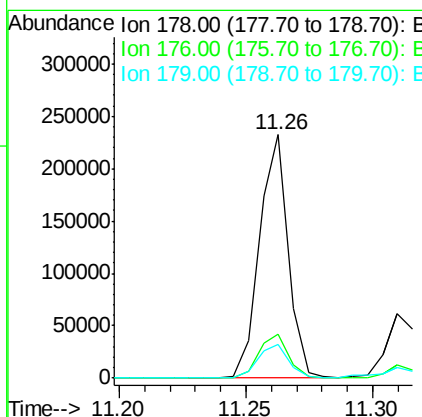
Manual Integrations
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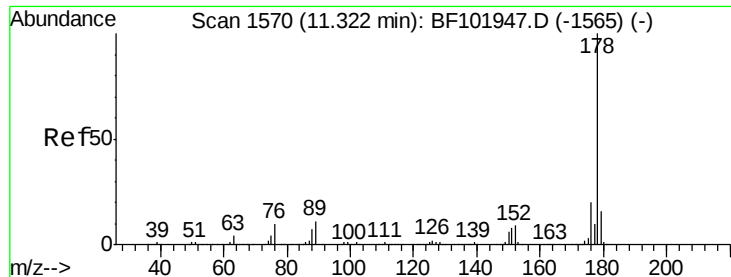
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#70
Phenanthrene
Concen: 7.54 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF102256.D
Acq: 20 Jan 2018 10:55

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.1	15.8	23.8
179	13.9	13.0	19.6





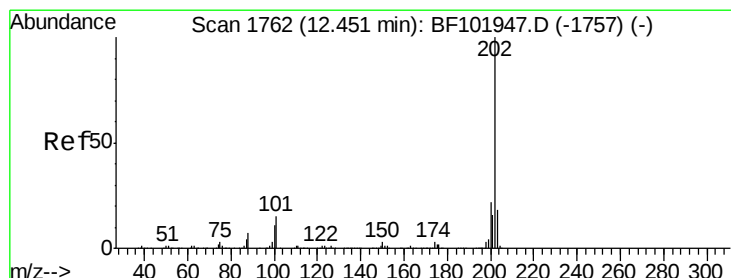
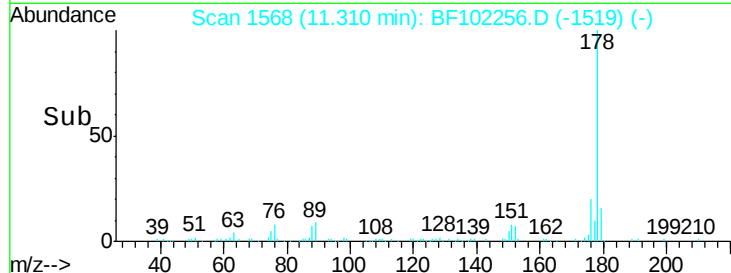
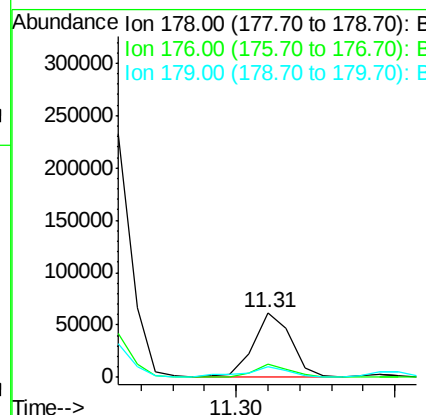
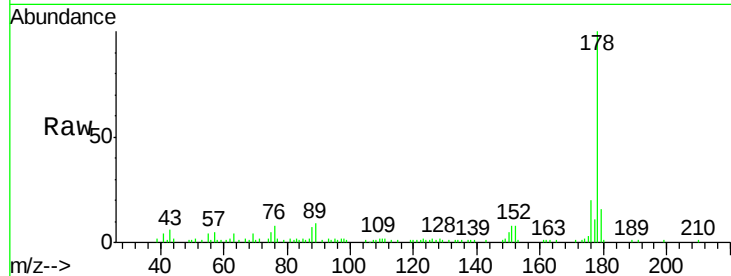
#71
 Anthracene
 Concen: 2.05 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF102256.D
 Acq: 20 Jan 2018 10:55

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	15.9	12.6	19.0

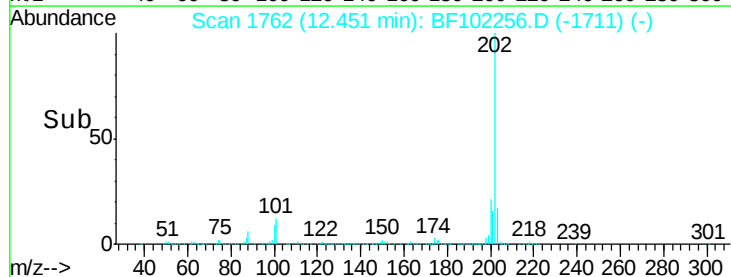
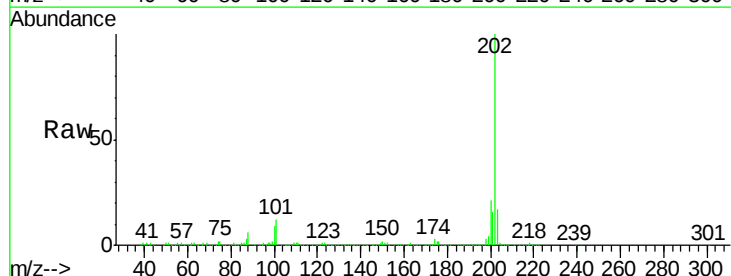
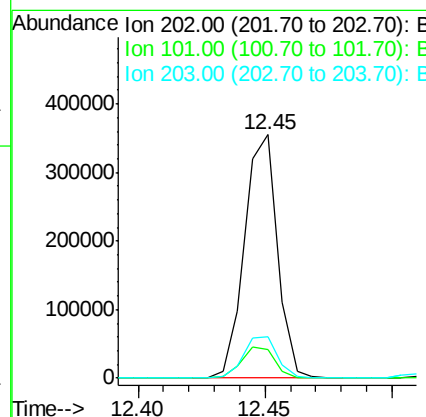
Manual Integrations
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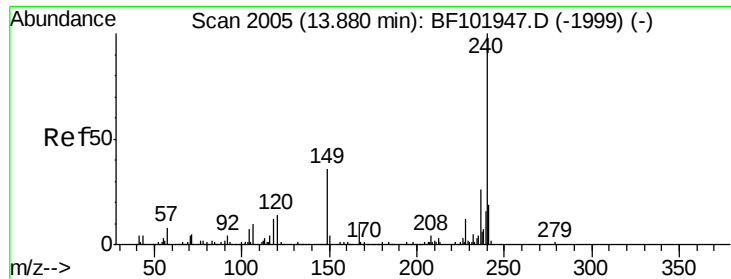
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#74
 Fluoranthene
 Concen: 13.39 ng
 RT: 12.45 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: BF102256.D
 Acq: 20 Jan 2018 10:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	34.1
203	17.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF102256.D

Acq: 20 Jan 2018 10:55

Instrument :

BNA_F

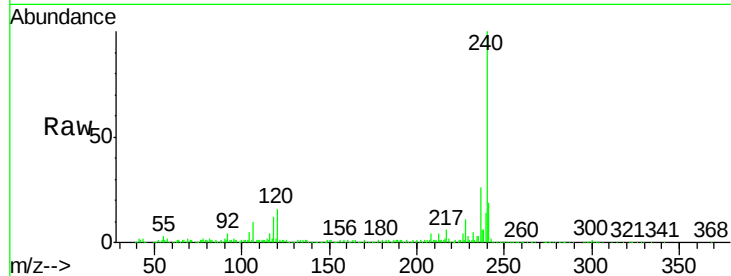
ClientSampleId :

SB-57-0-2.0-DUP

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.6	9.5	14.3
236	25.5	20.7	31.1

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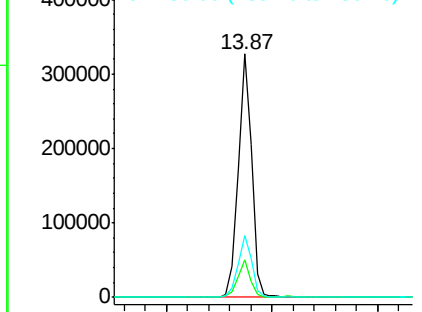
Sohil
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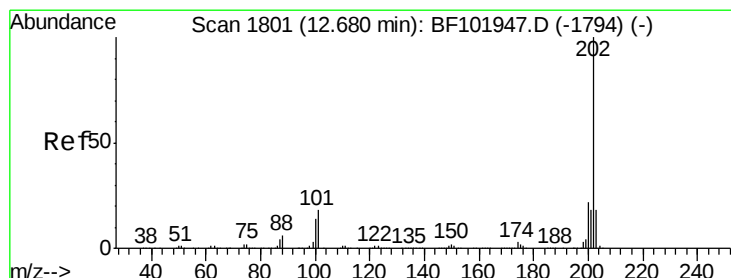
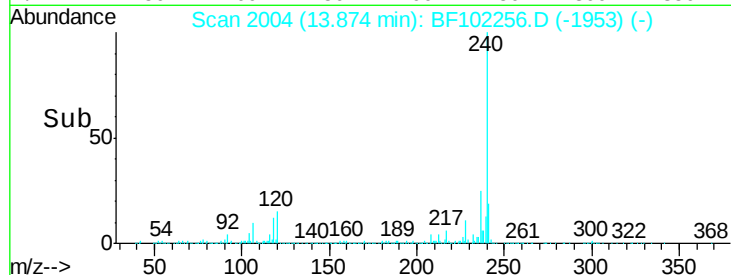
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#77

Pyrene

Concen: 11.73 ng

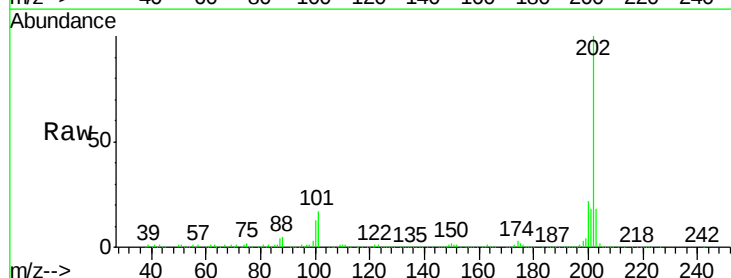
RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF102256.D

Acq: 20 Jan 2018 10:55

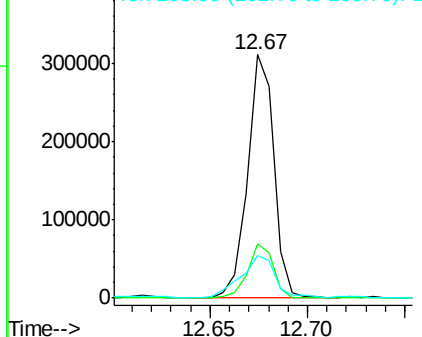
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.4	26.2
203	17.7	14.3	21.5



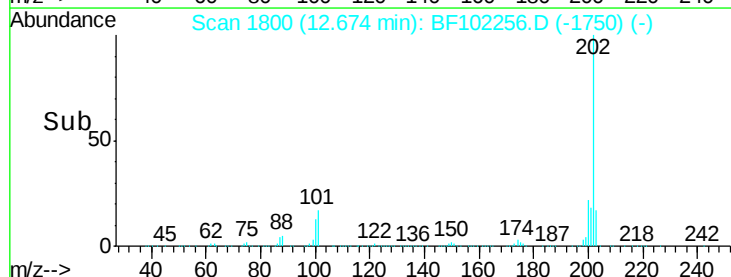
Abundance Ion 202.00 (201.70 to 202.70): E

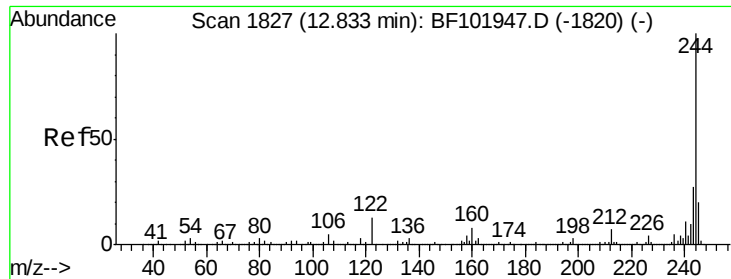
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





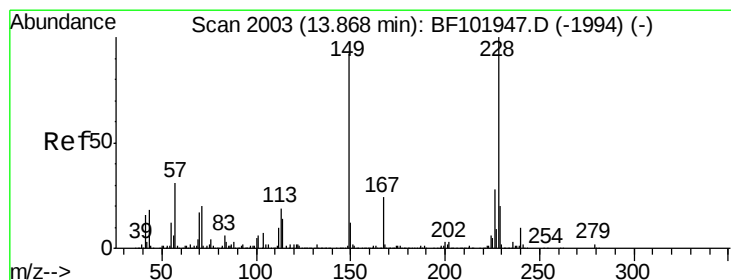
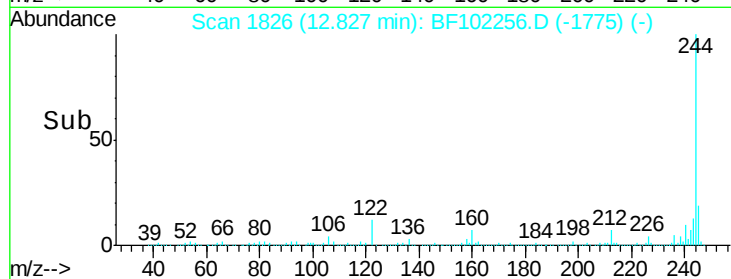
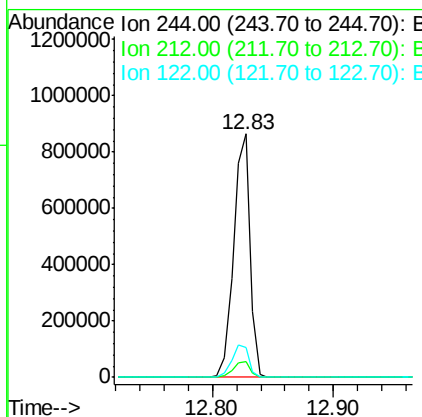
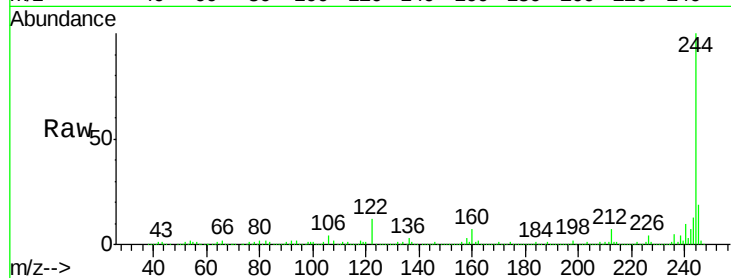
#78
 Terphenyl-d14
 Concen: 60.39 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF102256.D
 Acq: 20 Jan 2018 10:55

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	12.2	11.0	16.4

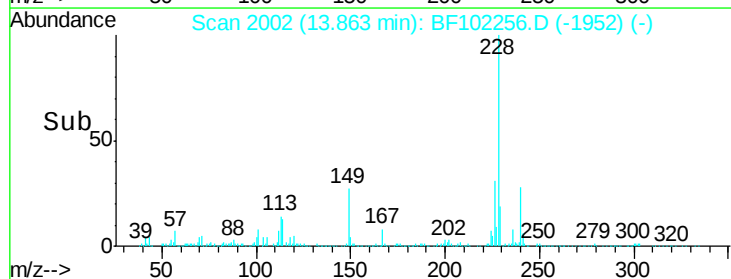
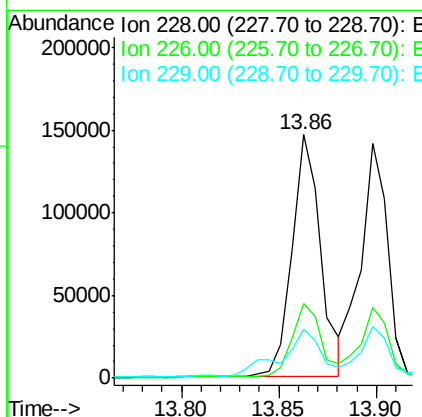
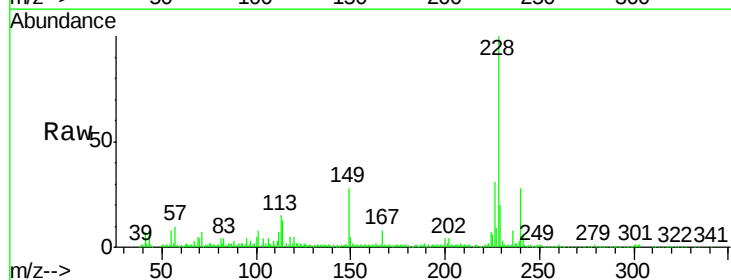
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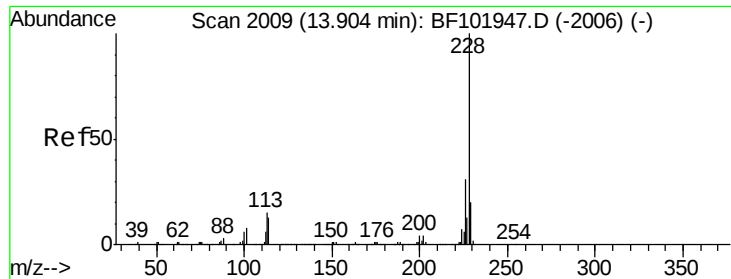
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#80
 Benzo(a)anthracene
 Concen: 8.40 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF102256.D
 Acq: 20 Jan 2018 10:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	22.6	33.8
229	20.1	15.8	23.6





#82

Chrysene

Concen: 7.32 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF102256.D

Acq: 20 Jan 2018 10:55

Instrument :

BNA_F

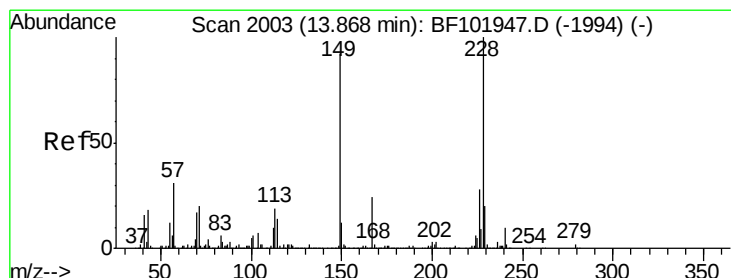
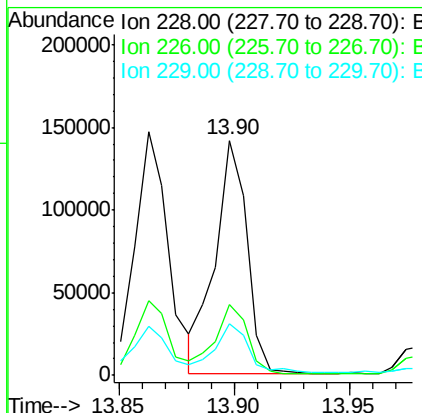
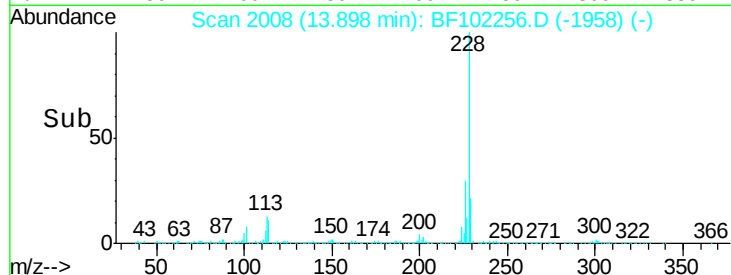
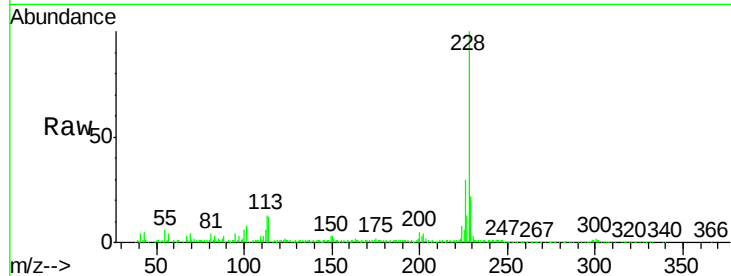
ClientSampleId :

SB-57-0-2.0-DUP

Tot Ion:	228	Resp:	136229
Ion Ratio		Lower	Upper
228	100		
226	30.2	25.0	37.6
229	21.7	16.2	24.4

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#83

Bis(2-ethylhexyl)phthalate

Concen: 4.48 ng

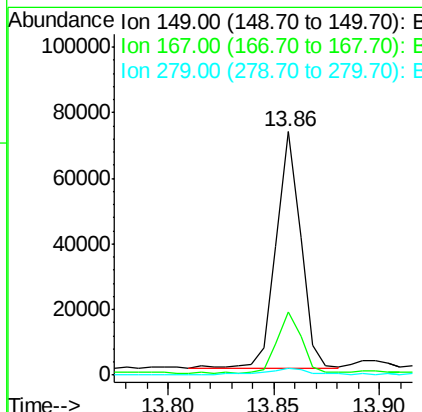
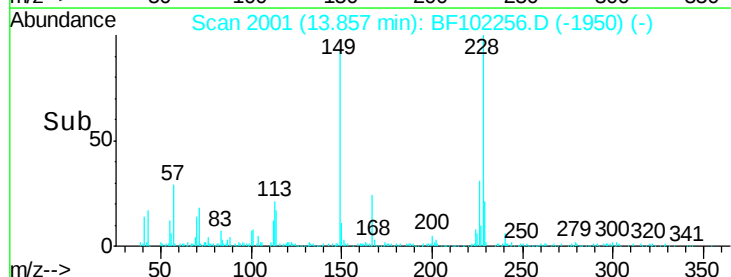
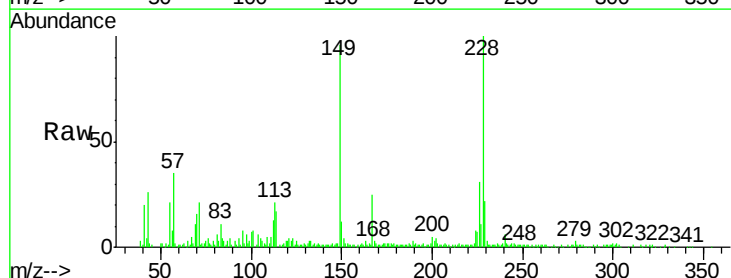
RT: 13.86 min Scan# 2001

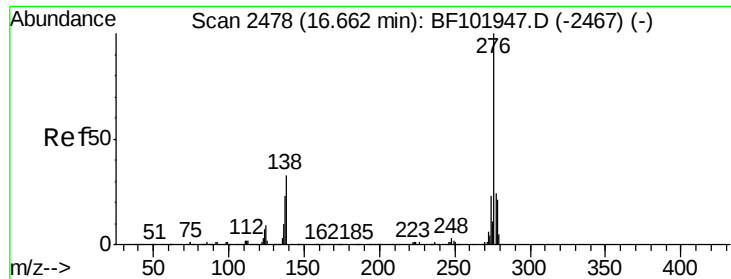
Delta R.T. 0.00 min

Lab File: BF102256.D

Acq: 20 Jan 2018 10:55

Tgt Ion:	149	Resp:	58402
Ion Ratio		Lower	Upper
149	100		
167	25.9	21.3	31.9
279	2.8	3.0	4.4#





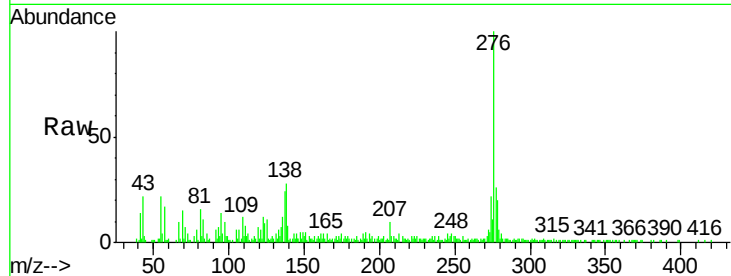
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.87 ng
RT: 16.68 min Scan# 2481
Delta R.T. 0.00 min
Lab File: BF102256.D
Acq: 20 Jan 2018 10:55

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.9	25.0	37.6
277	24.3	20.1	30.1

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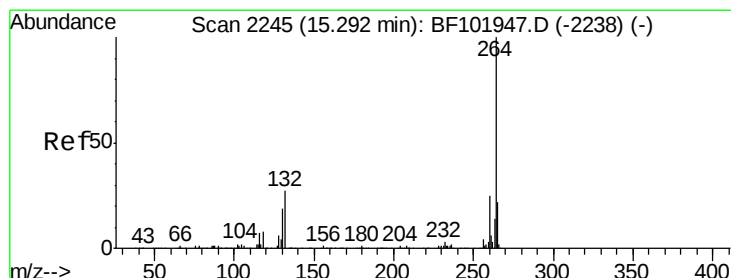
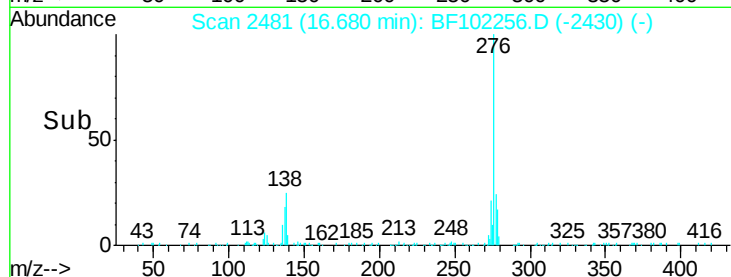
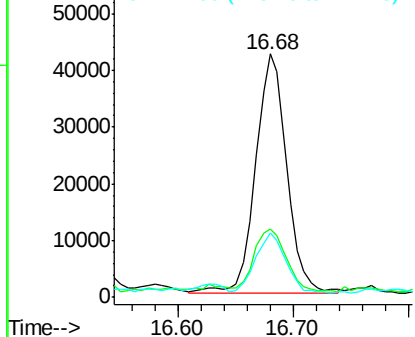


Abundance

Ion 276.00 (275.70 to 276.70): E

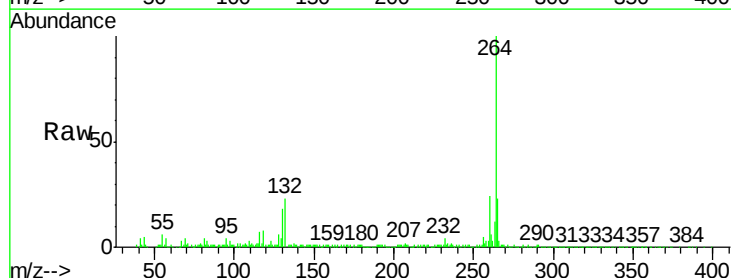
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.01 min
Lab File: BF102256.D
Acq: 20 Jan 2018 10:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.5	17.5	26.3

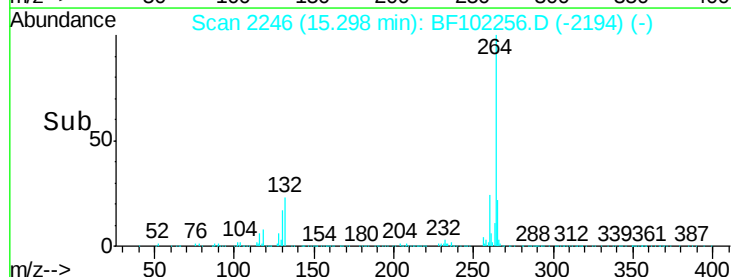
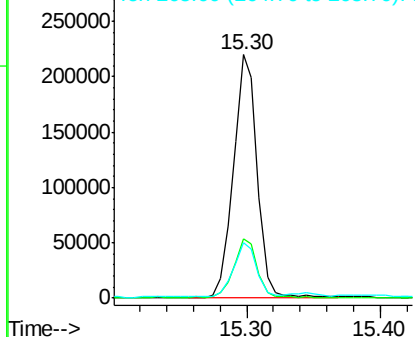


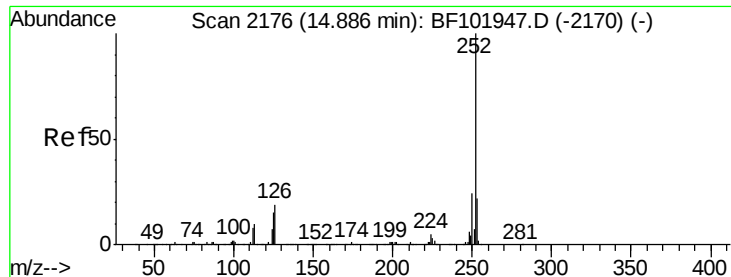
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 11.32 ng m

RT: 14.89 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BF102256.D

Acq: 20 Jan 2018 10:55

Instrument :

BNA_F

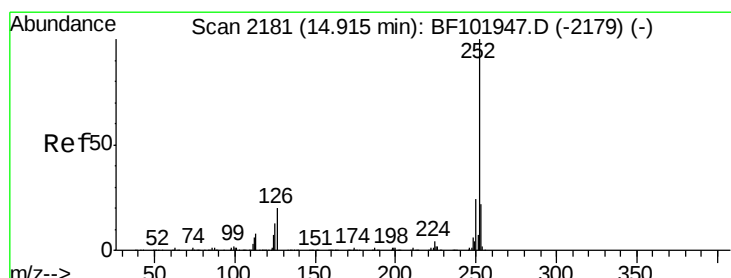
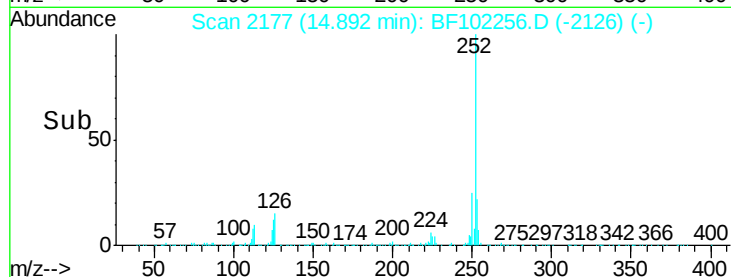
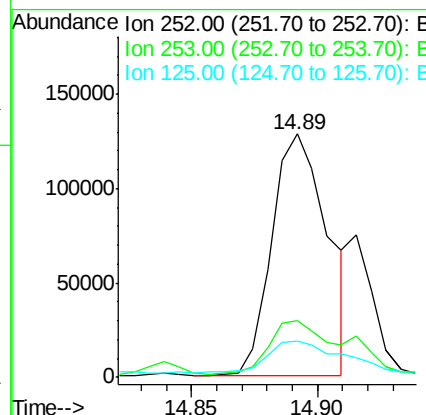
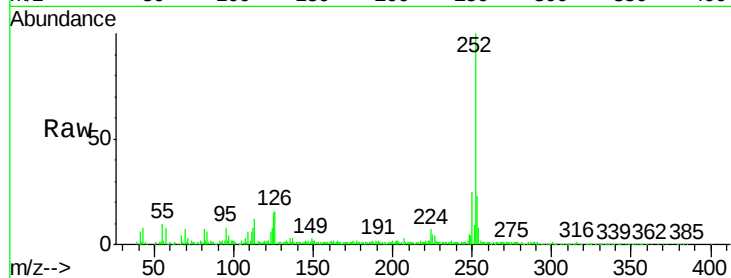
ClientSampleId :

SB-57-0-2.0-DUP

Tot Ion:	252	Resp:	198997
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.0	25.6
125	14.9	9.0	13.6#

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#88

Benzo(k)fluoranthene

Concen: 2.95 ng m

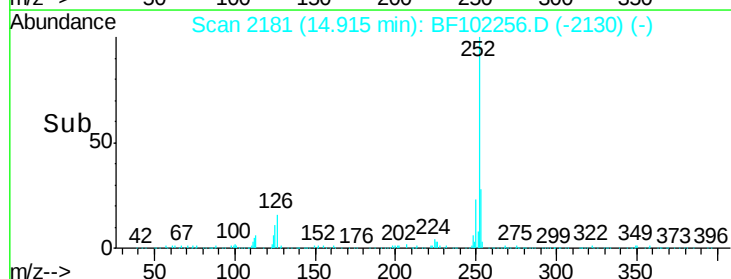
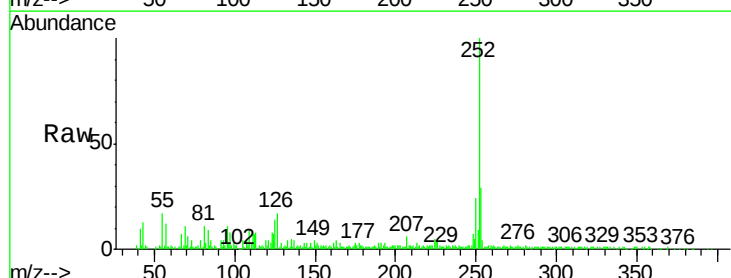
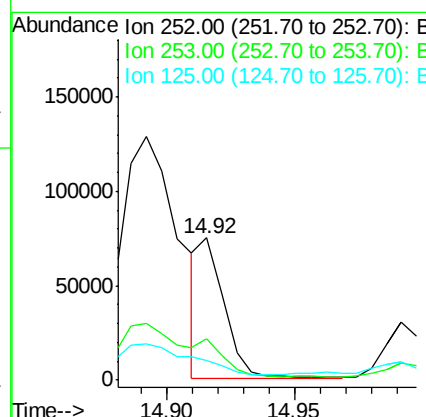
RT: 14.92 min Scan# 2181

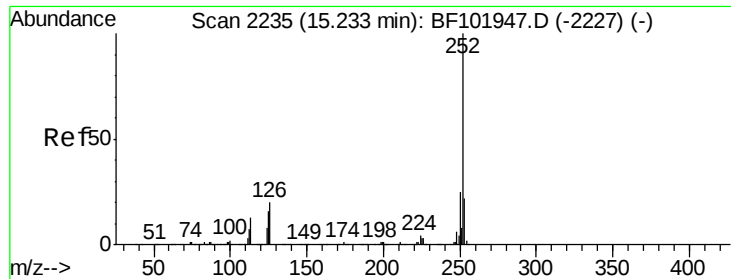
Delta R.T. 0.00 min

Lab File: BF102256.D

Acq: 20 Jan 2018 10:55

Tgt Ion:	252	Resp:	50041
Ion Ratio	Lower	Upper	
252	100		
253	28.7	17.9	26.9#
125	14.2	10.2	15.2





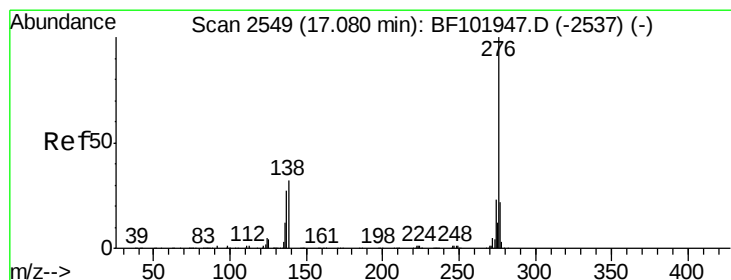
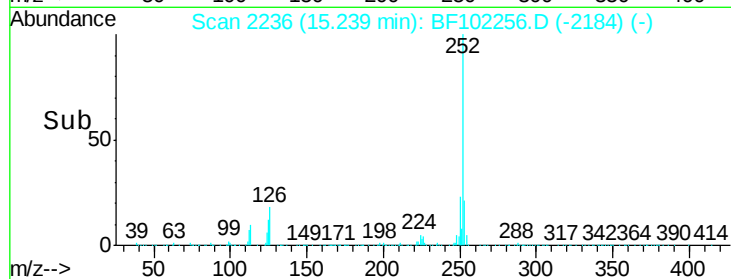
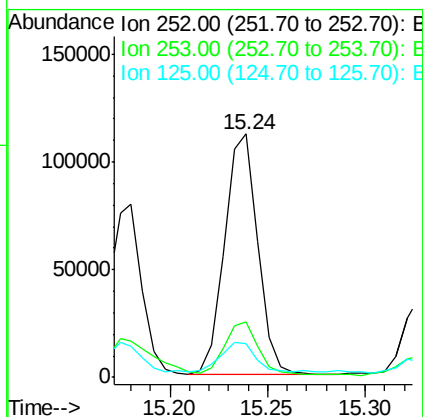
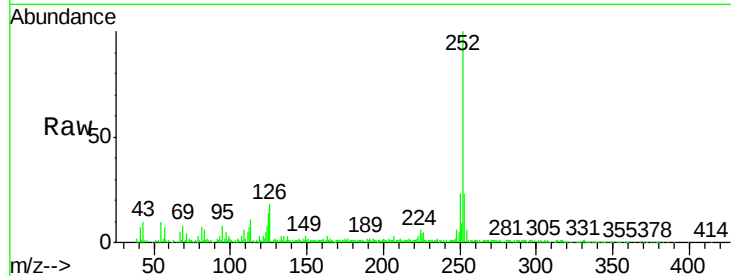
#89
Benzo(a)pyrene
Concen: 8.34 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF102256.D
Acq: 20 Jan 2018 10:55

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	14.1	9.8	14.6

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#91
Benzo(g,h,i)perylene
Concen: 5.56 ng
RT: 17.10 min Scan# 2552
Delta R.T. 0.00 min
Lab File: BF102256.D
Acq: 20 Jan 2018 10:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	31.7	21.8	32.8

