

Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
 Data File : BF102013.D
 Acq On : 11 Jan 2018 12:17
 Operator : SJ/JU
 Sample : J1076-10DL 250X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-43-02DL

Manual Integrations
 APPROVED

Quant Time: Jan 11 13:42:09 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	223132	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	930653	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	395858	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	664481	20.00	ng	0.00
75) Chrysene-d12	13.87	240	370259	20.00	ng	0.00
86) Perylene-d12	15.29	264	350699	20.00	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	1511	0.10	ng	-0.01
7) Phenol-d6	6.34	99	1790	0.09	ng	-0.02
23) Nitrobenzene-d5	7.28	82	857	0.05	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	133	0.04	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1895	0.07	ng	-0.01
78) Terphenyl-d14	12.82	244	2448	0.14	ng	-0.01

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Target Compounds

						Qvalue
10) Phenol	6.36	94	95022	4.460	ng	97
20) 3+4-Methylphenols	7.13	107	67023	3.904	ng	87
31) Naphthalene	8.03	128	2495872	53.671	ng	98
37) 2-Methylnaphthalene	8.72	142	416720	13.612	ng	99
45) 1,1'-Biphenyl	9.18	154	110283	3.152	ng	97
48) Acenaphthylene	9.62	152	487417	11.320	ng	99
51) Acenaphthene	9.79	154	54716	2.094	ng	100
54) Dibenzofuran	9.96	168	349409	9.741	ng	99
57) Fluorene	10.30	166	436904	17.620	ng	99
70) Phenanthrene	11.27	178	1364968	35.166	ng	99
71) Anthracene	11.32	178	511627	12.997	ng	99
72) Carbazole	11.47	167	182722	4.722	ng	98
74) Fluoranthene	12.45	202	828521	21.696	ng	99
77) Pyrene	12.68	202	670684	20.492	ng	99
80) Benzo(a)anthracene	13.86	228	245877m	10.408	ng	
82) Chrysene	13.90	228	191402	7.770	ng	96
85) Indeno(1,2,3-cd)pyrene	16.66	276	90935	5.072	ng	98
87) Benzo(b)fluoranthene	14.89	252	205038m	8.967	ng	
88) Benzo(k)fluoranthene	14.91	252	59426m	2.694	ng	
89) Benzo(a)pyrene	15.23	252	162858	7.915	ng	# 97
91) Benzo(a,h,i)perylene	17.07	276	84539	5.111	ng	# 94

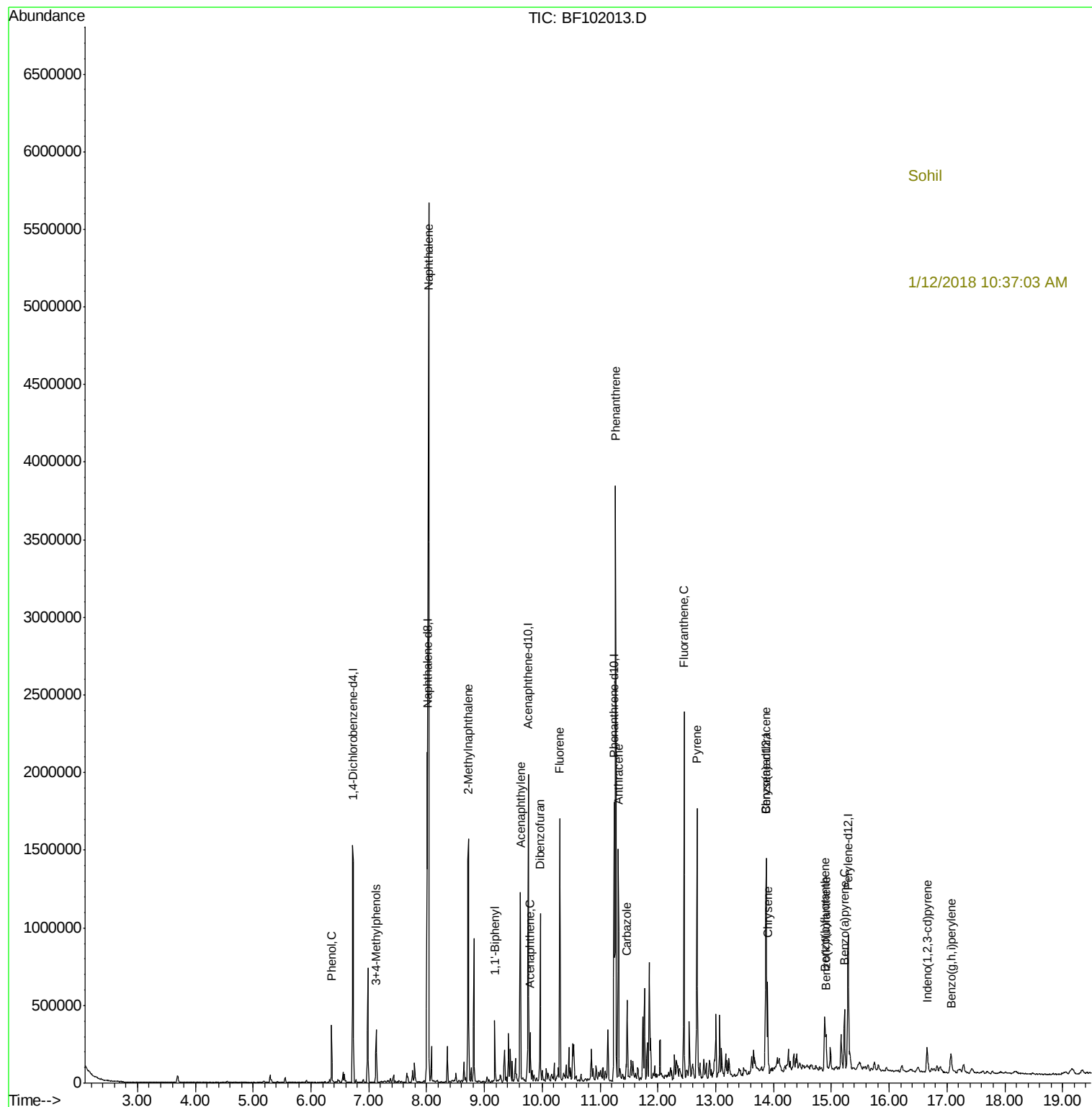
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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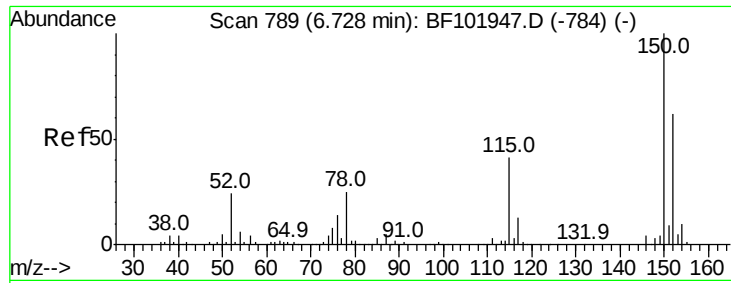
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APPROVED

Quant Time: Jan 11 13:42:09 2018
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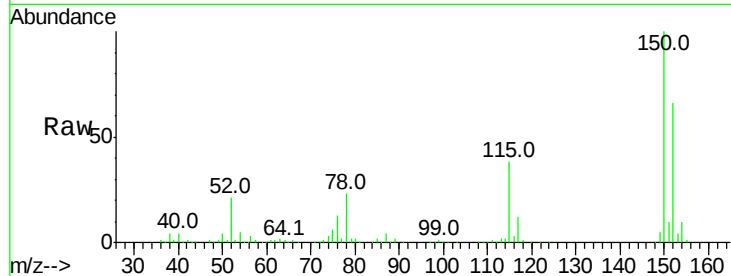
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF102013.D
Acq: 11 Jan 2018 12:17

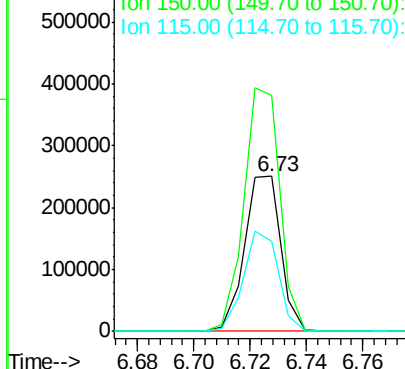
Instrument :
BNA_F
ClientSampleId :
WC-43-02DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	124.6	186.8
115	57.7	50.1	75.1

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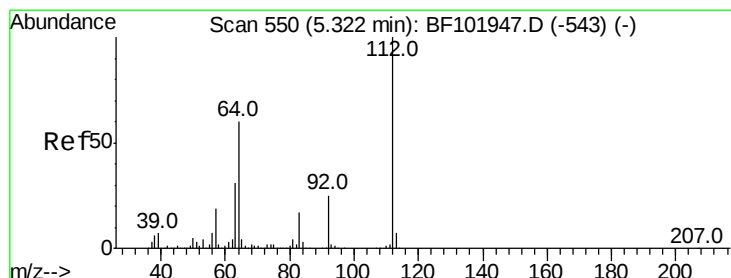
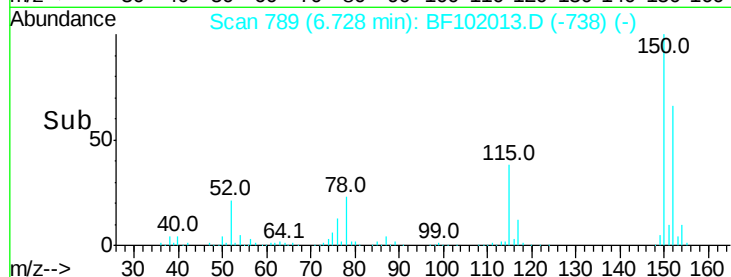


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



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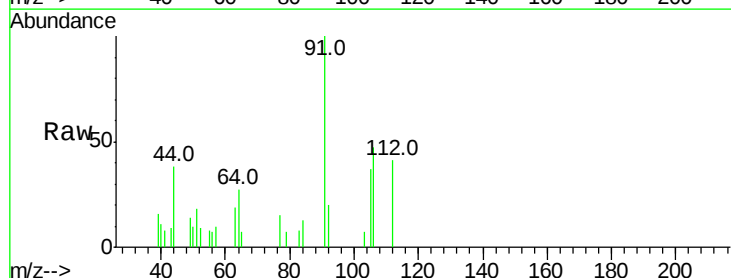
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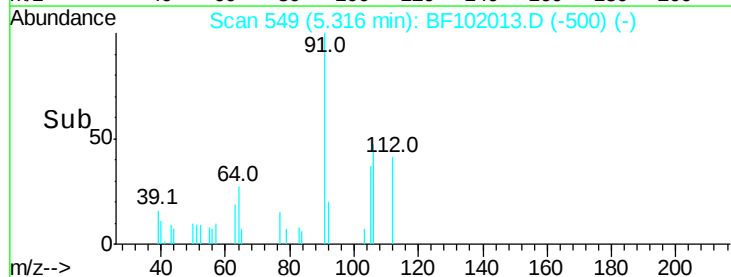
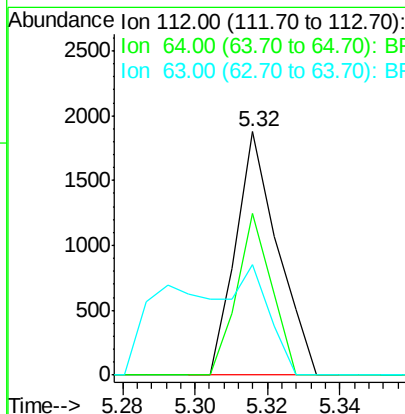
#5

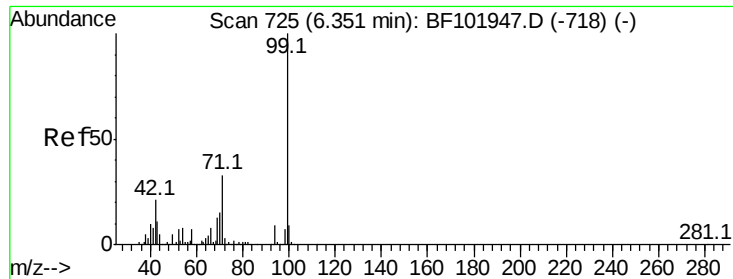
2-Fluorophenol
Concen: 0.096 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF102013.D
Acq: 11 Jan 2018 12:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	47.9	71.9
63	45.5	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 0.095 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF102013.D

Acq: 11 Jan 2018 12:17

Instrument :

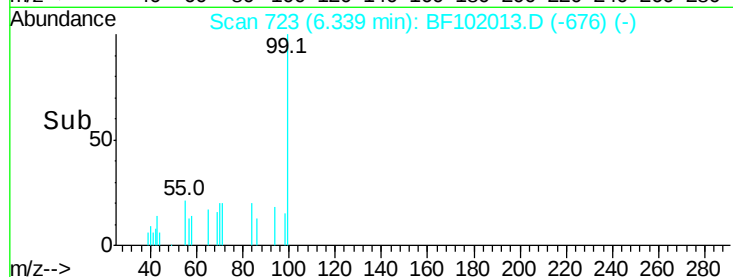
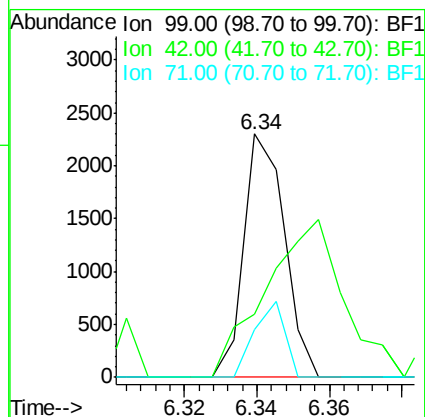
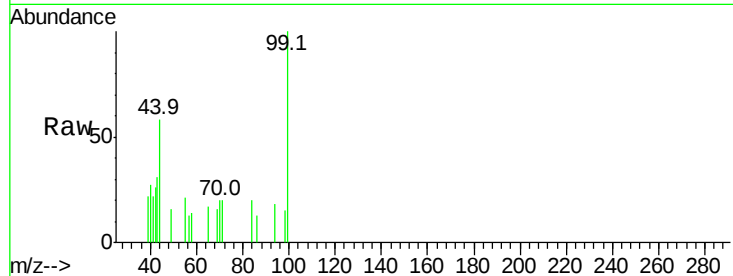
BNA_F

ClientSampleId :

WC-43-02DL

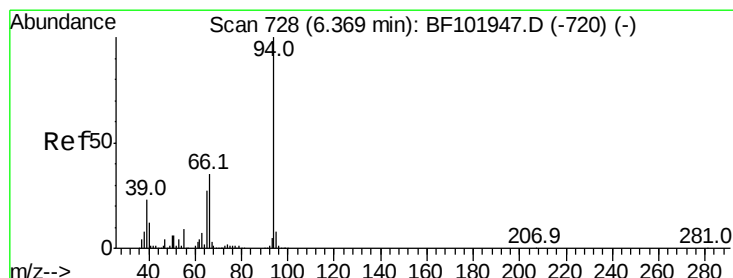
Tot Ion:	99	Resp:	1790
Ion	Ratio	Lower	Upper
99	100		
42	26.1	14.5	21.7#
71	19.6	25.4	38.0#

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#10

Phenol

Concen: 4.460 ng

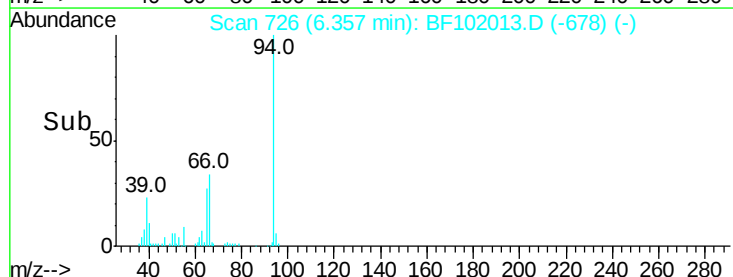
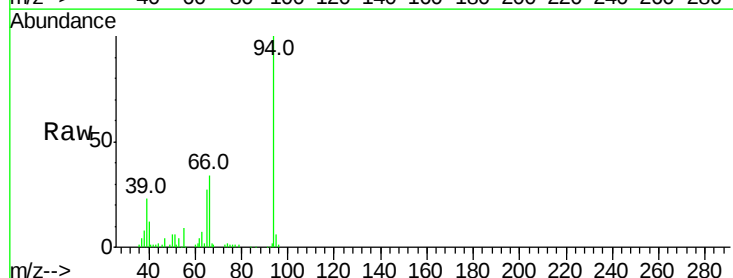
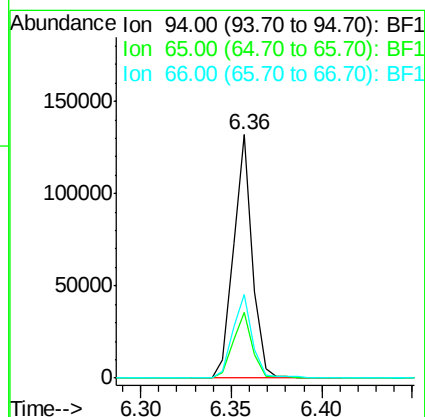
RT: 6.36 min Scan# 726

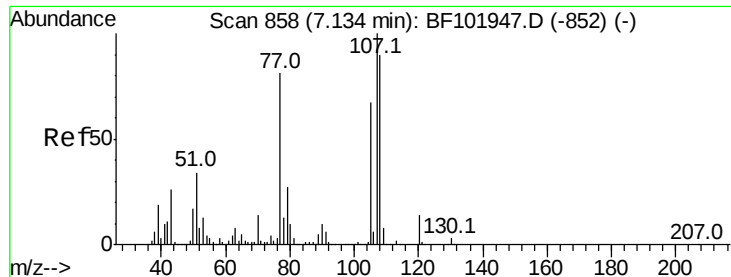
Delta R.T. -0.02 min

Lab File: BF102013.D

Acq: 11 Jan 2018 12:17

Tgt Ion:	94	Resp:	95022
Ion	Ratio	Lower	Upper
94	100		
65	26.9	7.9	47.9
66	34.1	16.2	56.2





#20

3+4-Methylphenols

Concen: 3.904 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF102013.D

Acq: 11 Jan 2018 12:17

Instrument :

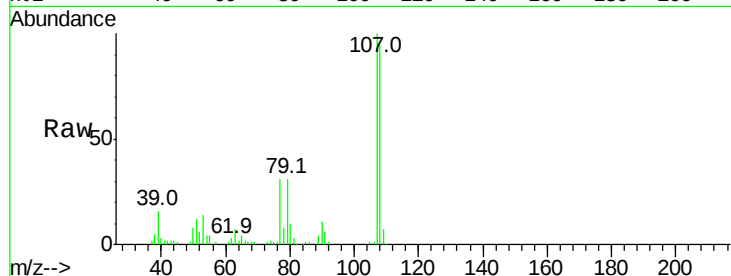
BNA_F

ClientSampleId :

WC-43-02DL

Tot Ion	107	Resp	67023
Ion	Ratio	Lower	Upper
107	100		
108	95.4	68.2	108.2
77	30.5	26.7	66.7
79	30.6	6.3	46.3

Manual Integrations
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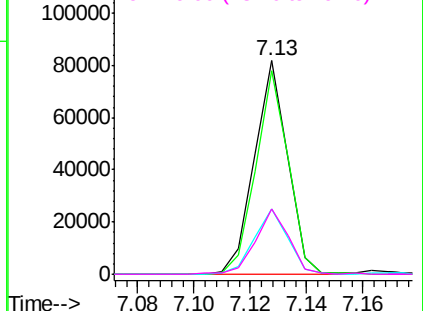
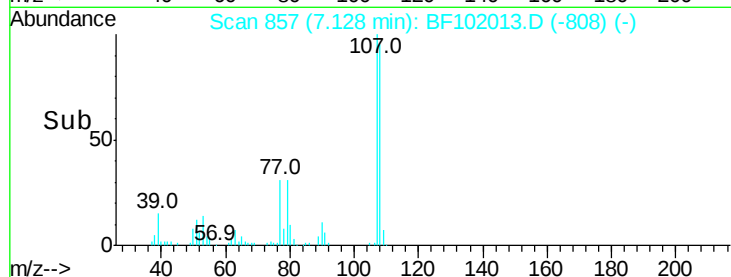
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

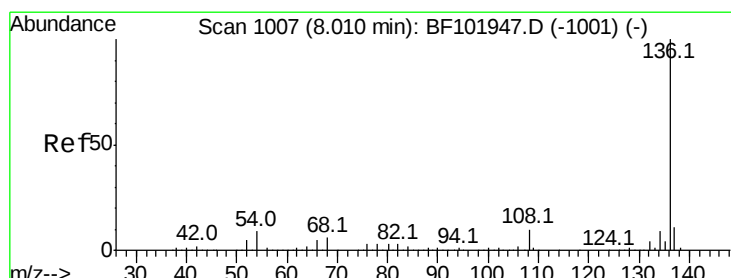
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



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#21

Naphthalene-d8

Concen: 20.000 ng

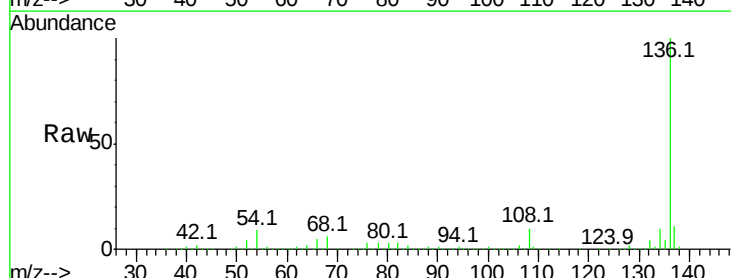
RT: 8.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BF102013.D

Acq: 11 Jan 2018 12:17

Tgt Ion	136	Resp	930653
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.8	6.6	9.8
68	6.2	5.0	7.4



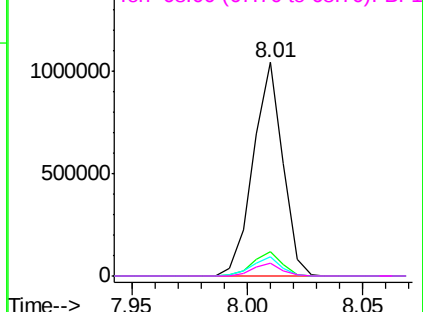
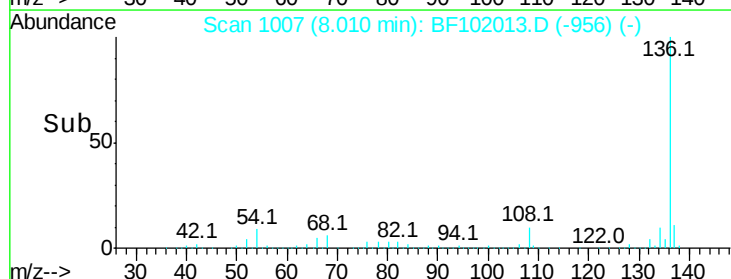
Abundance

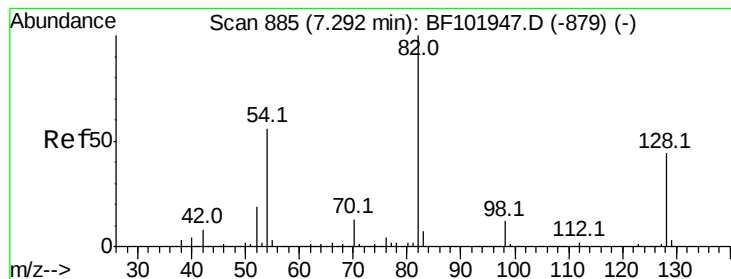
Ion 136.00 (135.70 to 136.70): E

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: 0.054 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.02 min

Lab File: BF102013.D

Acq: 11 Jan 2018 12:17

Instrument :

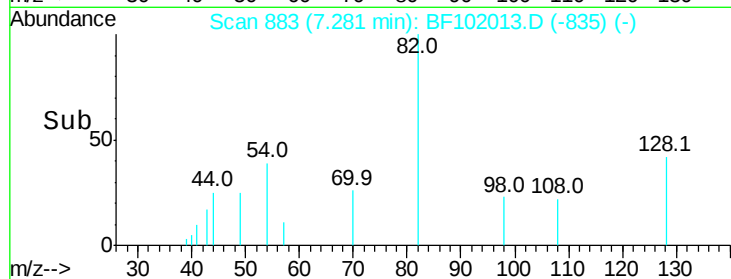
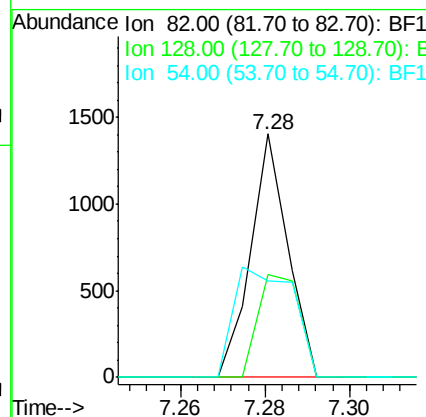
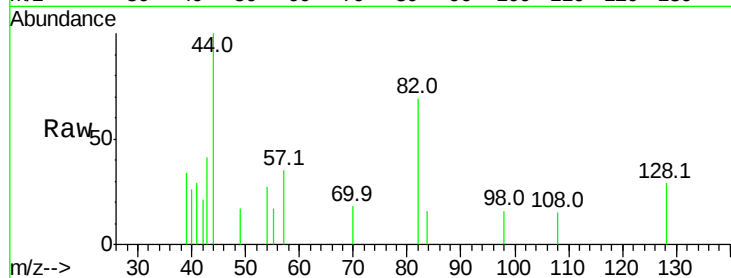
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ClientSampleId :

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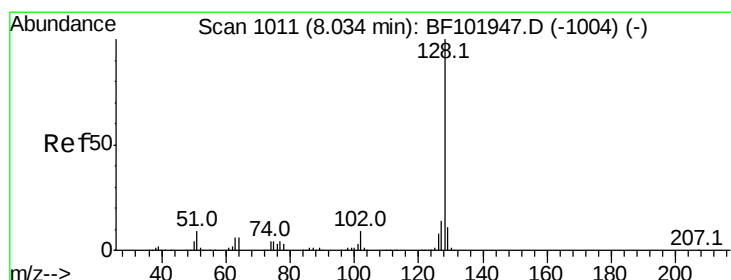
Tot Ion:	82	Resp:	857
Ion Ratio	Lower	Upper	
82	100		
128	42.4	36.1	54.1
54	39.4	41.4	62.2#

Manual Integrations
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#31

Naphthalene

Concen: 53.671 ng

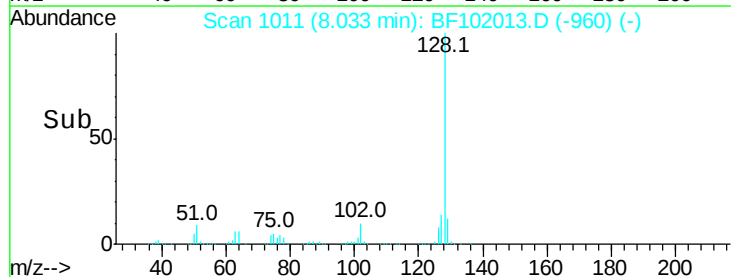
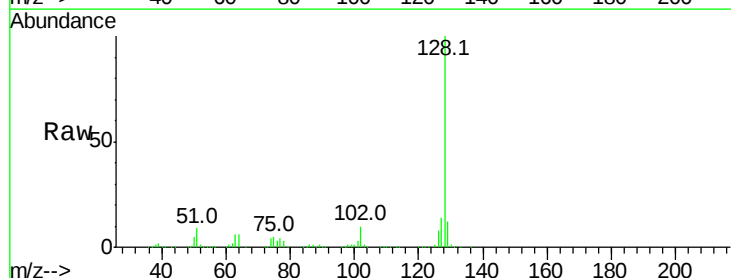
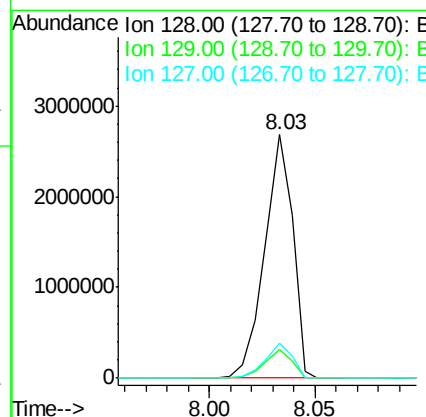
RT: 8.03 min Scan# 1011

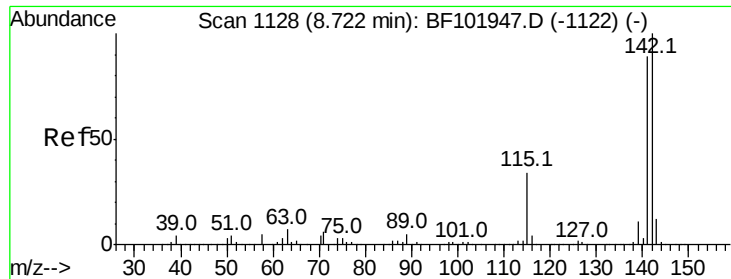
Delta R.T. -0.00 min

Lab File: BF102013.D

Acq: 11 Jan 2018 12:17

Tgt Ion:	128	Resp:	2495872
Ion Ratio	Lower	Upper	
128	100		
129	11.7	8.8	13.2
127	14.1	10.9	16.3



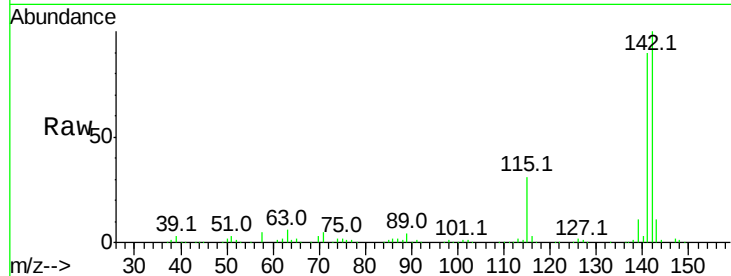


#37
2-Methylnaphthalene
Concen: 13.612 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BF102013.D
Acq: 11 Jan 2018 12:17

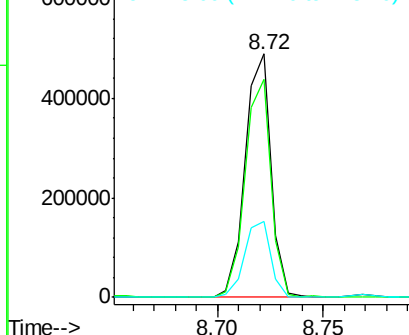
Instrument :
BNA_F
ClientSampleId :
WC-43-02DL

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.8	106.2
115	31.4	26.1	39.1

Manual Integrations
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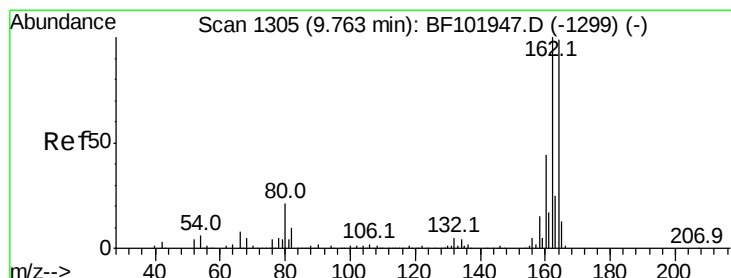
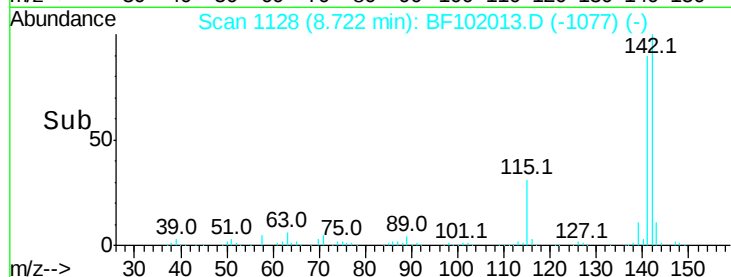


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



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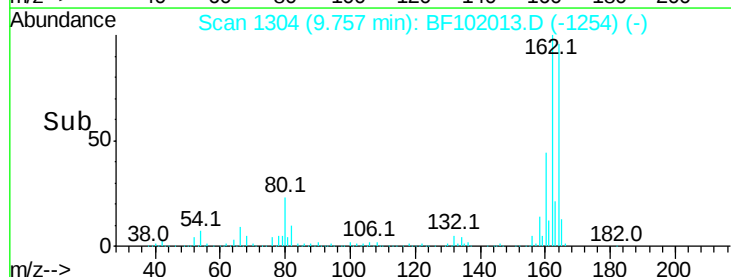
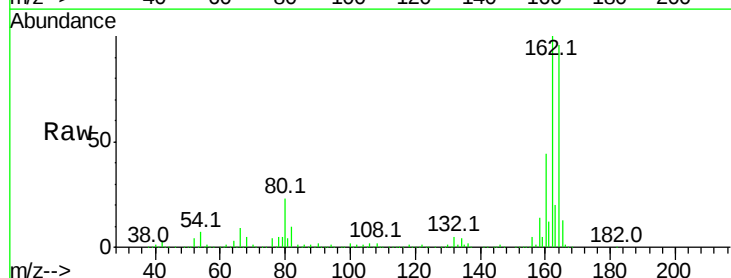
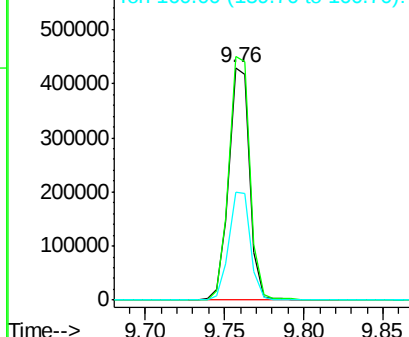
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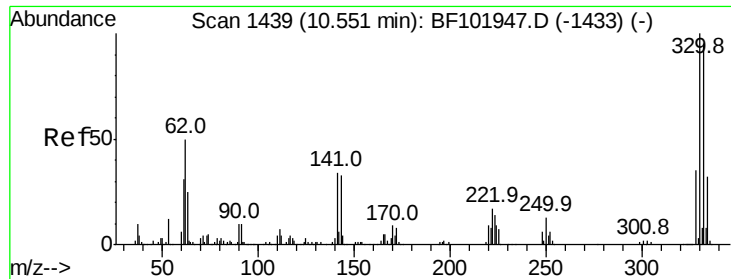


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF102013.D
Acq: 11 Jan 2018 12:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	46.3	38.3	57.5

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



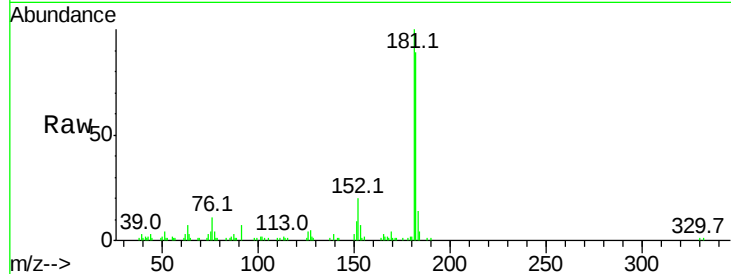


#41
 2,4,6-Tribromophenol
 Concen: 0.038 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102013.D
 Acq: 11 Jan 2018 12:17

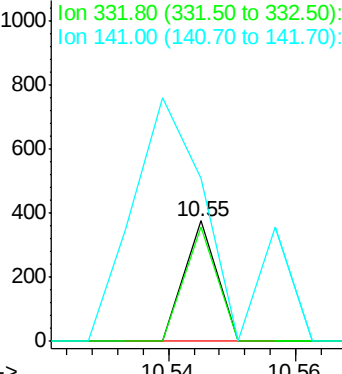
Instrument :
 BNA_F
 ClientSampleId :
 WC-43-02DL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	524.1	29.9	44.9#

Manual Integrations
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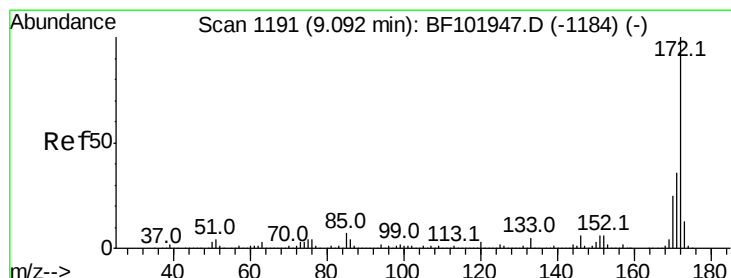
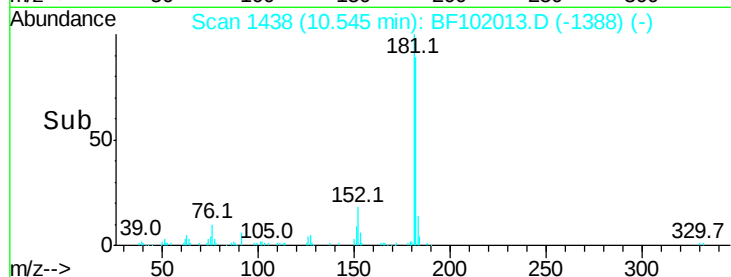


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



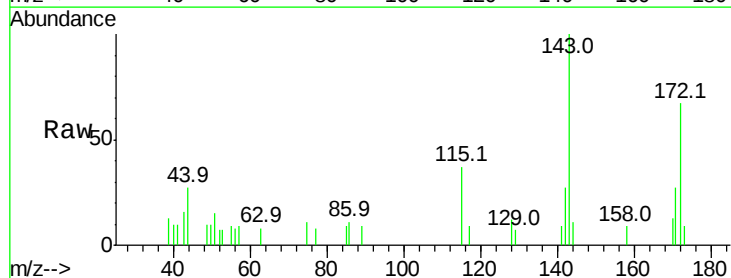
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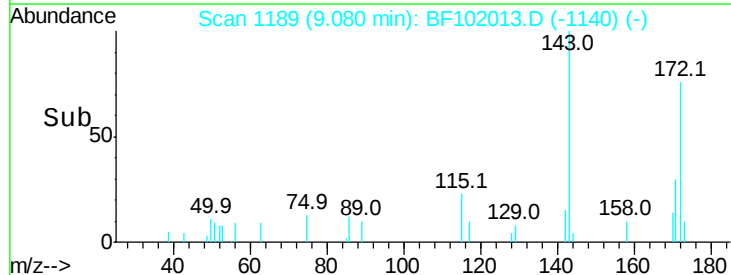
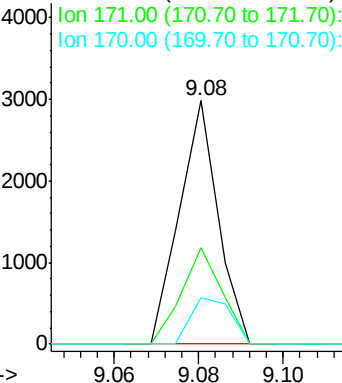


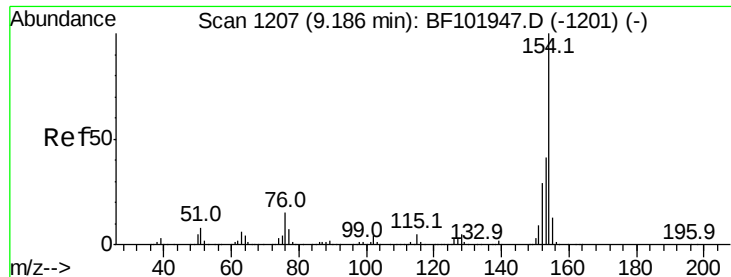
#44
 2-Fluorobiphenyl
 Concen: 0.075 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102013.D
 Acq: 11 Jan 2018 12:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.7	29.7	44.5
170	18.9	19.6	29.4#



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 3.152 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF102013.D

Acq: 11 Jan 2018 12:17

Instrument :

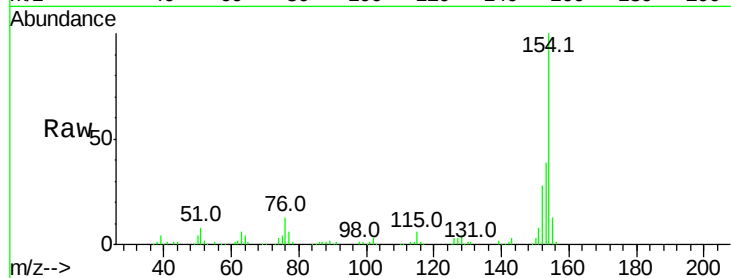
BNA_F

ClientSampled :

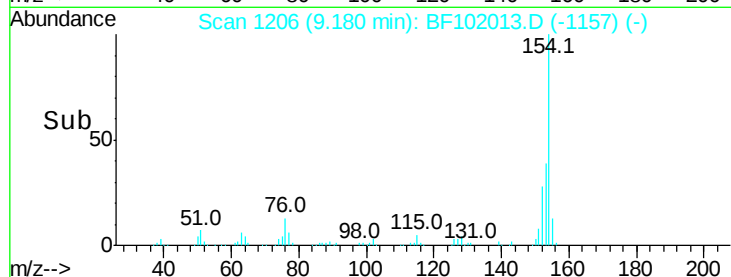
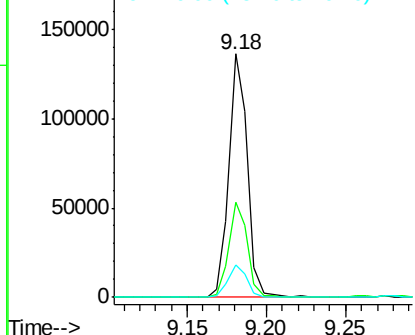
WC-43-02DL

Tot Ion:	154	Resp:	110283
Ion Ratio	Lower	Upper	
154	100		
153	39.1	21.3	61.3
76	13.4	0.0	34.0

Manual Integrations
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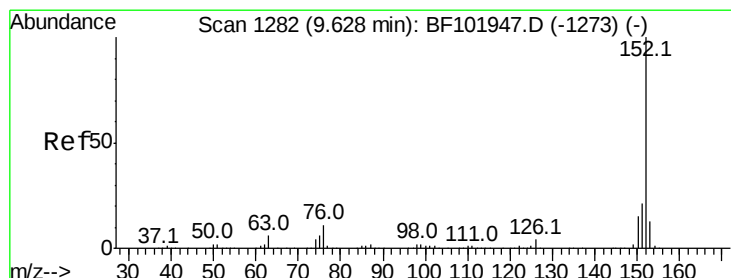


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



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#48

Acenaphthylene

Concen: 11.320 ng

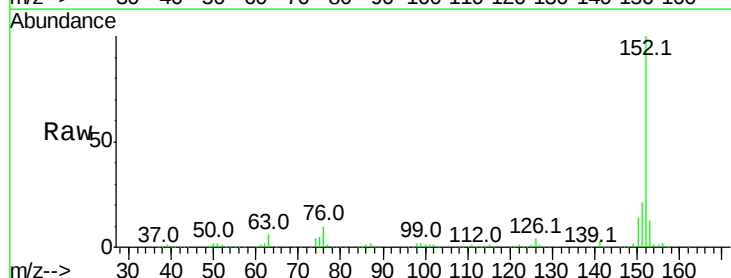
RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

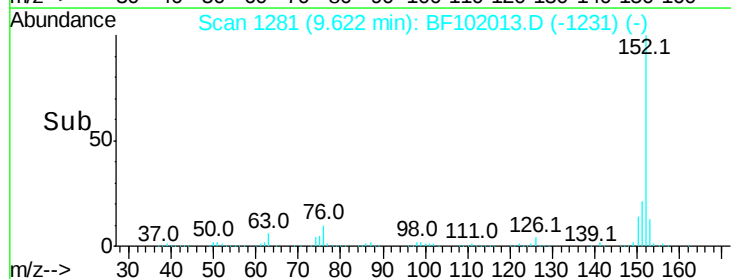
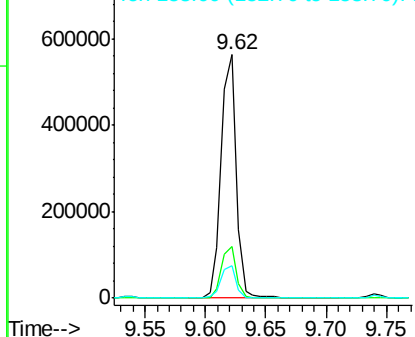
Lab File: BF102013.D

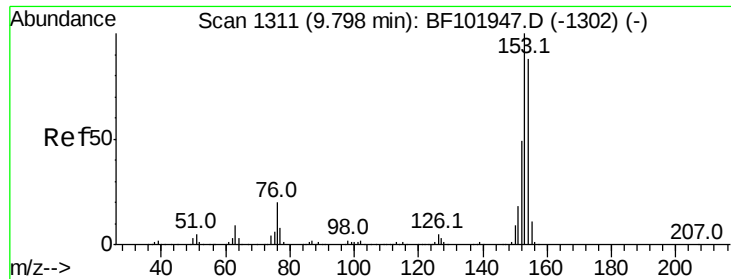
Acq: 11 Jan 2018 12:17

Tgt Ion:	152	Resp:	487417
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.3	24.5
153	13.3	10.7	16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#51

Acenaphthene

Concen: 2.094 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF102013.D

Acq: 11 Jan 2018 12:17

Instrument :

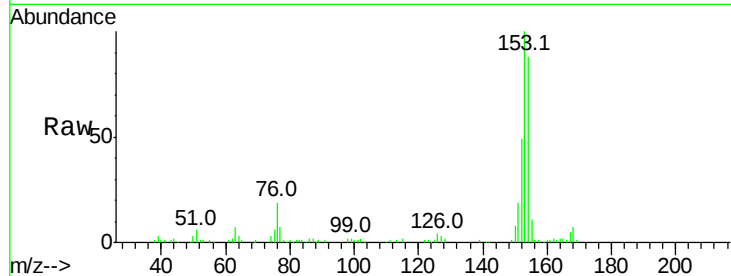
BNA_F

ClientSampled :

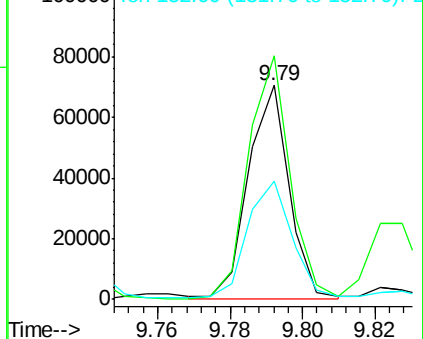
WC-43-02DL

Tot Ion:	154	Resp:	54716
Ion	Ratio	Lower	Upper
154	100		
153	114.0	91.2	136.8
152	55.6	43.8	65.8

Manual Integrations
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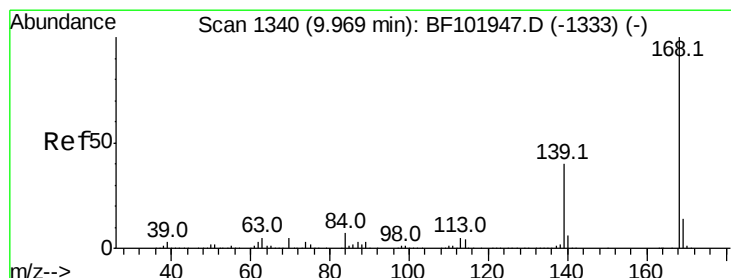
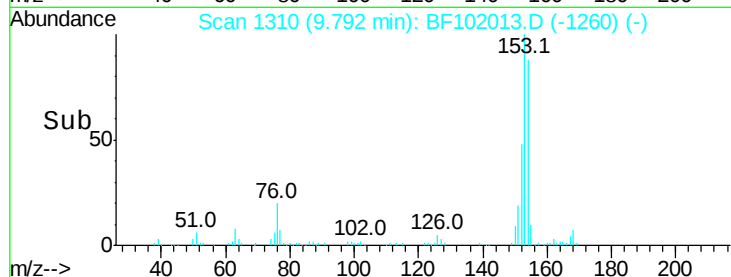


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



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#54

Dibenzofuran

Concen: 9.741 ng

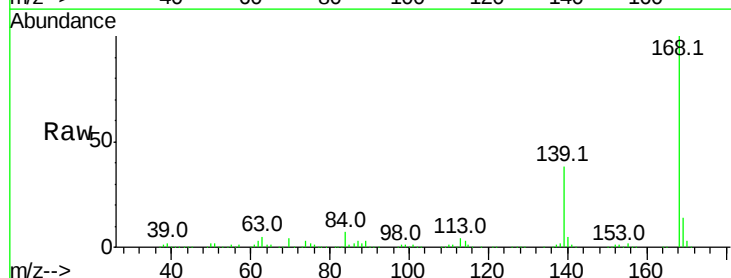
RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

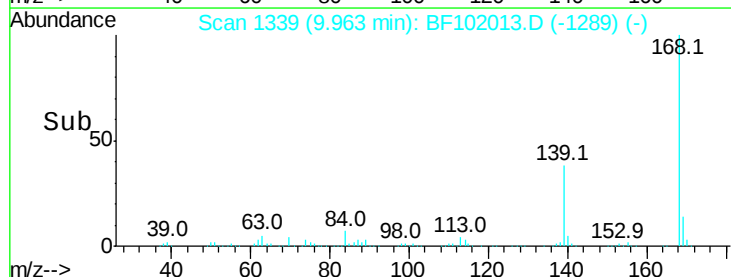
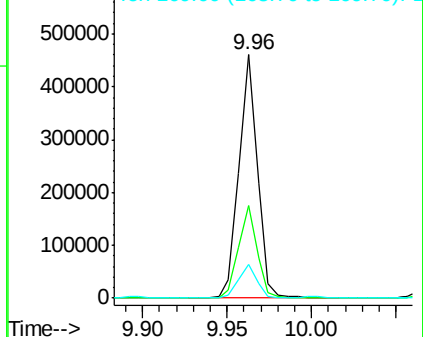
Lab File: BF102013.D

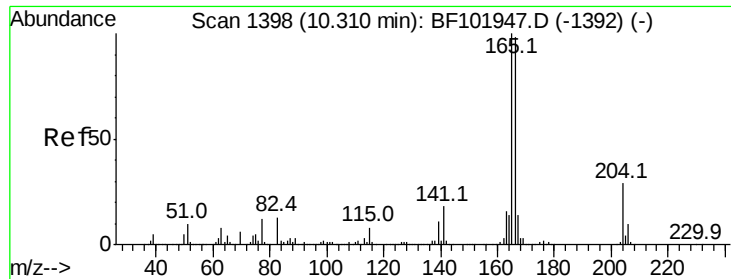
Acq: 11 Jan 2018 12:17

Tgt Ion:	168	Resp:	349409
Ion	Ratio	Lower	Upper
168	100		
139	37.9	30.1	45.1
169	13.9	10.9	16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



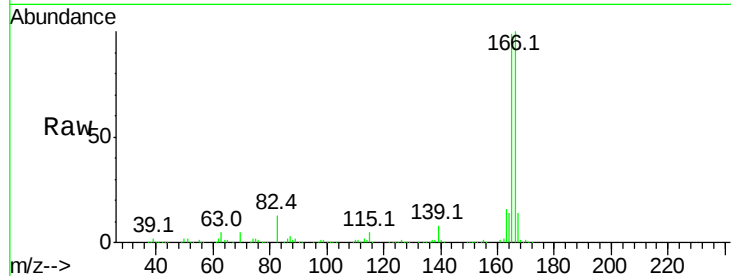


#57
Fluorene
Concen: 17.620 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF102013.D
Acq: 11 Jan 2018 12:17

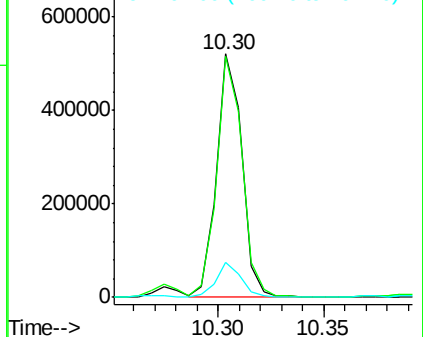
Instrument :
BNA_F
ClientSampleId :
WC-43-02DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.8	119.8
167	14.3	10.6	16.0

Manual Integrations
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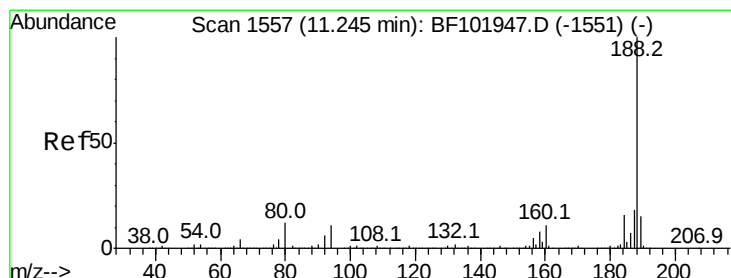
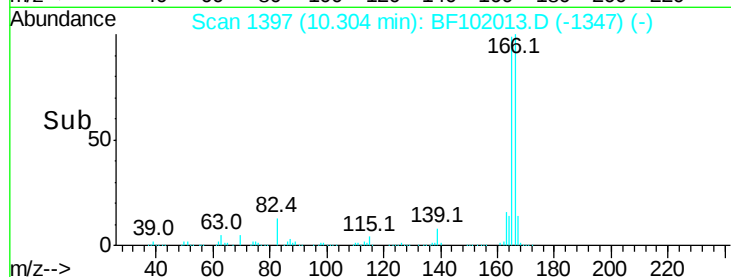


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



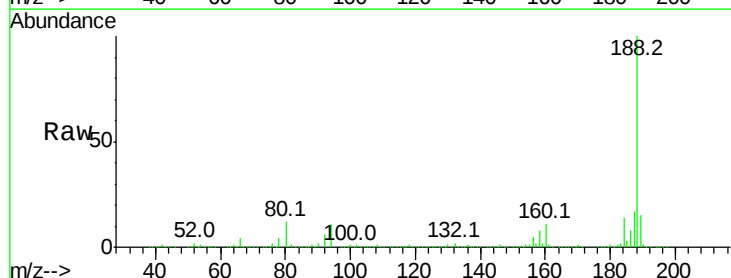
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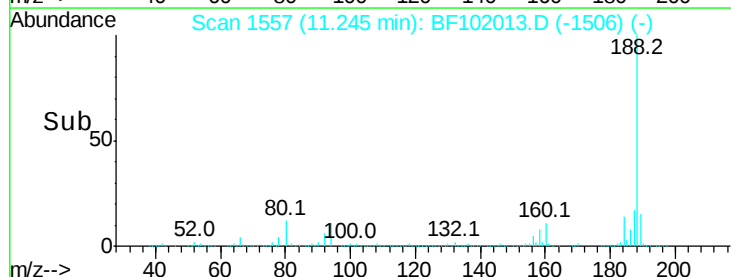
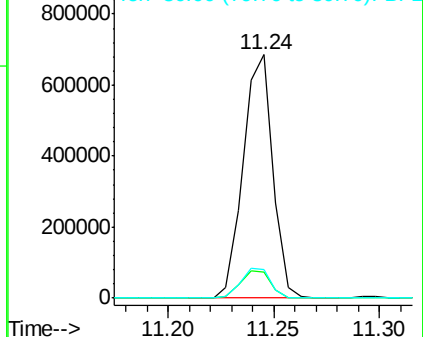


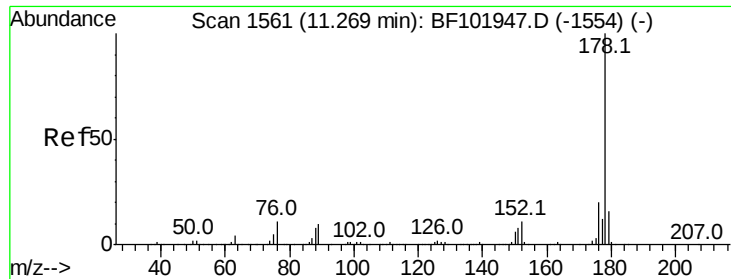
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF102013.D
Acq: 11 Jan 2018 12:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.6	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1



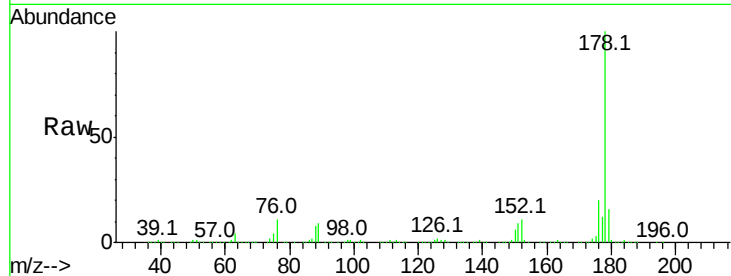


#70
Phenanthrene
Concen: 35.166 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BF102013.D
Acq: 11 Jan 2018 12:17

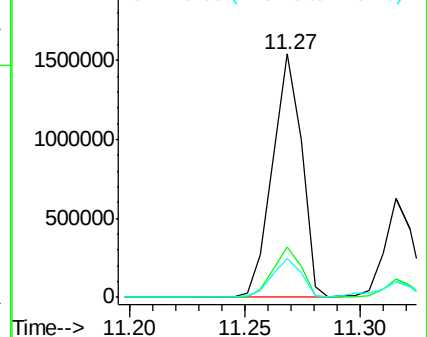
Instrument :
BNA_F
ClientSampleId :
WC-43-02DL

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.8	23.8
179	15.8	13.0	19.6

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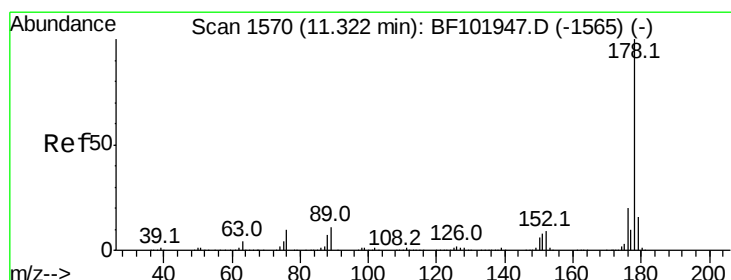
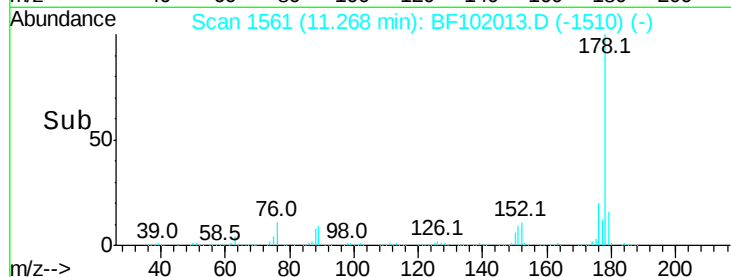


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



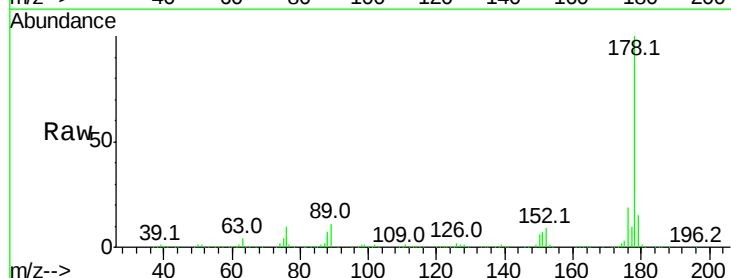
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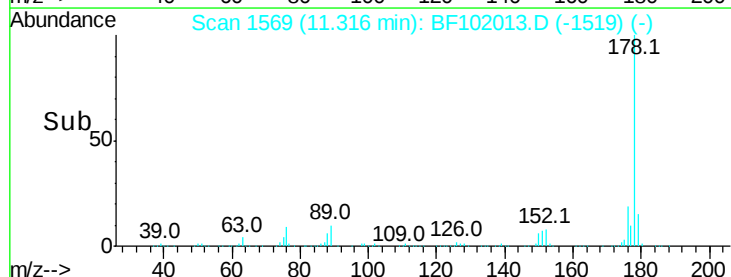
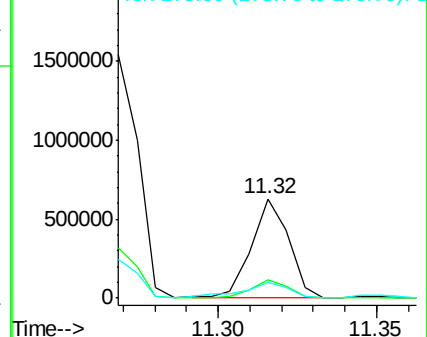


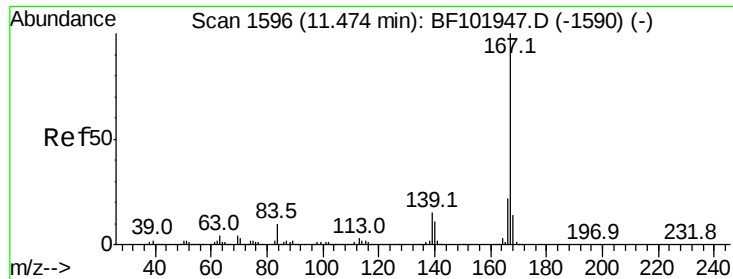
#71
Anthracene
Concen: 12.997 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF102013.D
Acq: 11 Jan 2018 12:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.5	12.6	19.0



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





#72

Carbazole

Concen: 4.722 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF102013.D

Acq: 11 Jan 2018 12:17

Instrument :

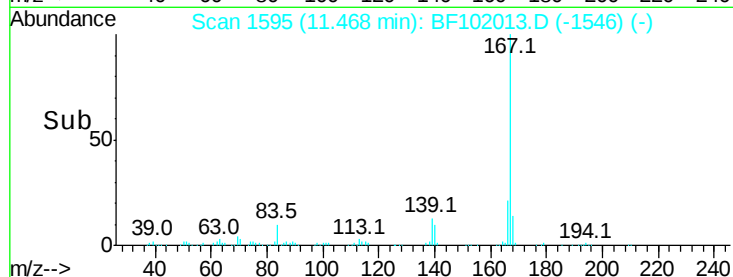
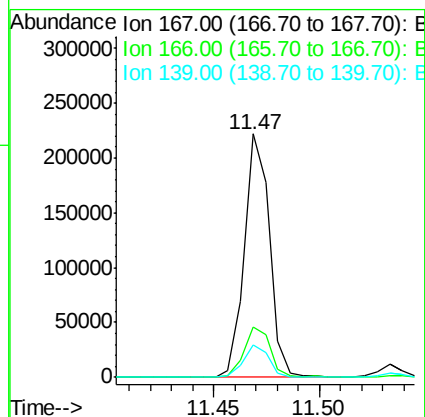
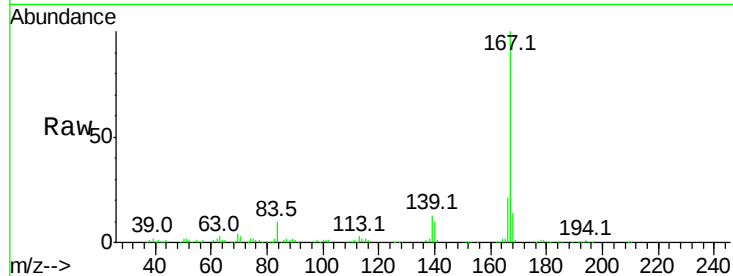
BNA_F

ClientSampled :

WC-43-02DL

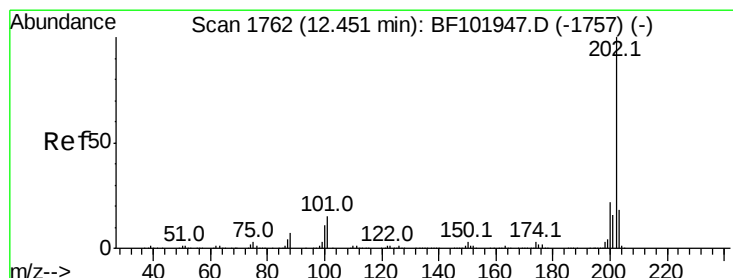
Tot Ion:	167	Resp:	182722
Ion Ratio	Lower	Upper	
167	100		
166	20.7	17.6	26.4
139	13.3	10.9	16.3

Manual Integrations
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#74

Fluoranthene

Concen: 21.696 ng

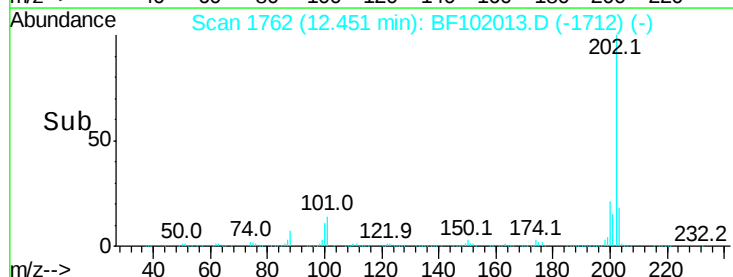
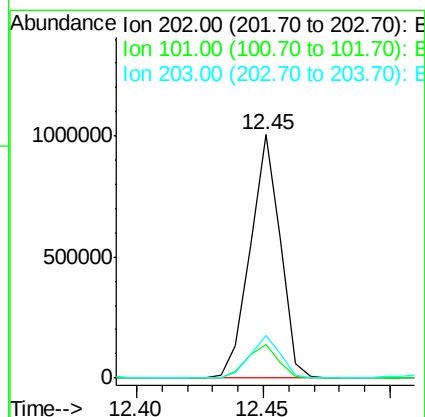
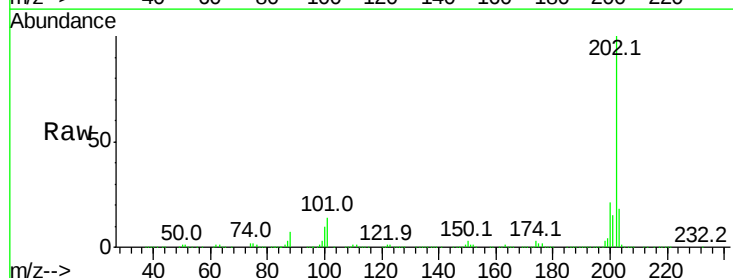
RT: 12.45 min Scan# 1762

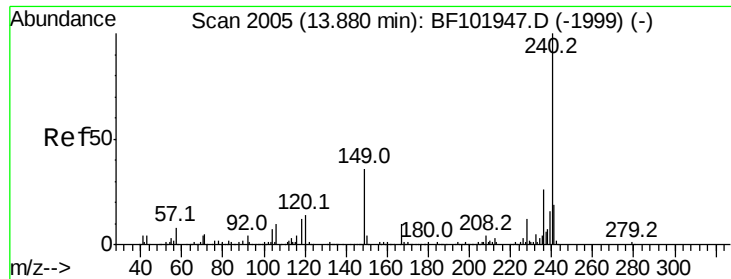
Delta R.T. -0.01 min

Lab File: BF102013.D

Acq: 11 Jan 2018 12:17

Tgt Ion:	202	Resp:	828521
Ion Ratio	Lower	Upper	
202	100		
101	14.0	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. -0.01 min

Lab File: BF102013.D

Acq: 11 Jan 2018 12:17

Instrument :

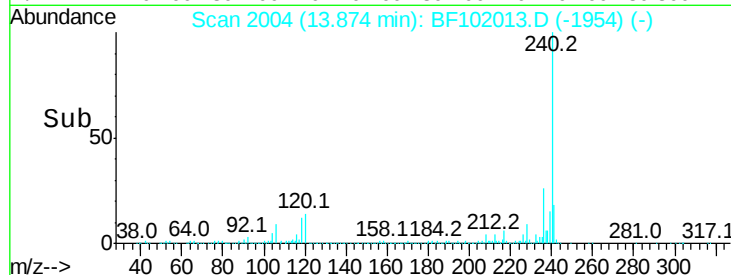
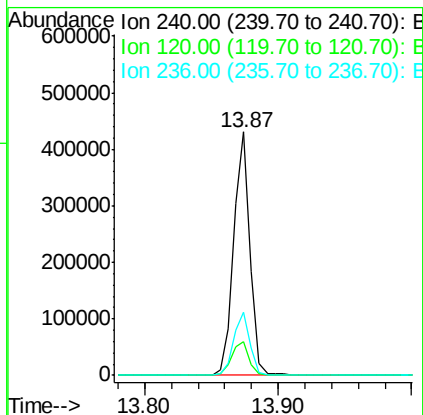
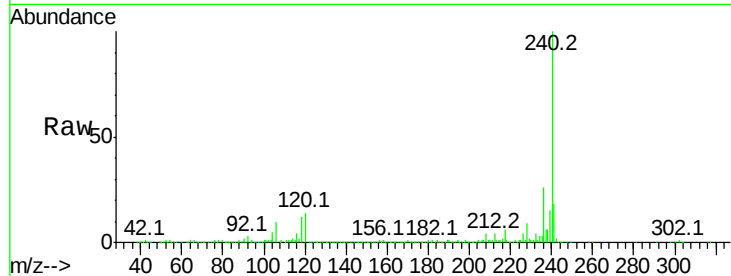
BNA_F

ClientSampleId :

WC-43-02DL

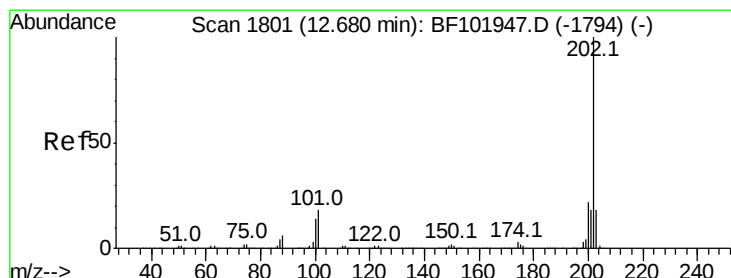
Tot Ion:	240	Resp:	370259
Ion Ratio	Lower	Upper	
240	100		
120	13.7	9.5	14.3
236	25.7	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 20.492 ng

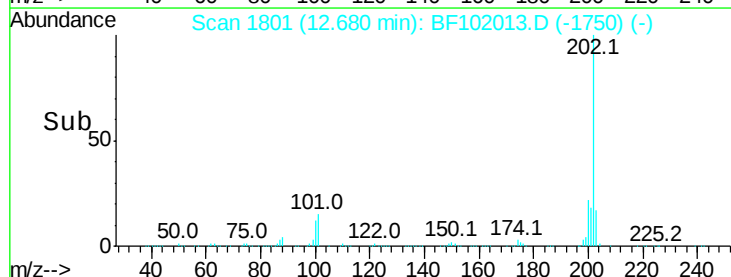
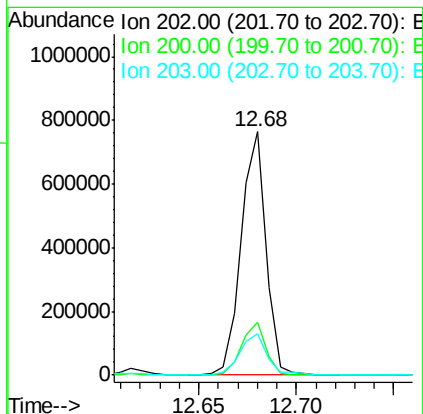
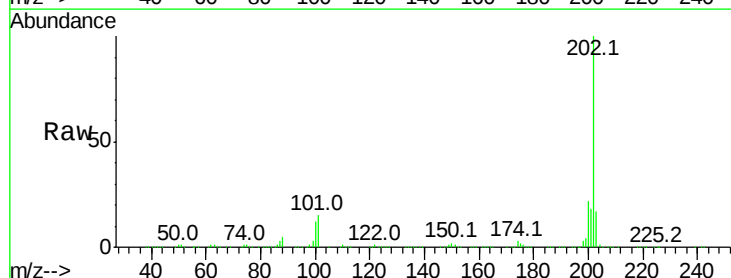
RT: 12.68 min Scan# 1801

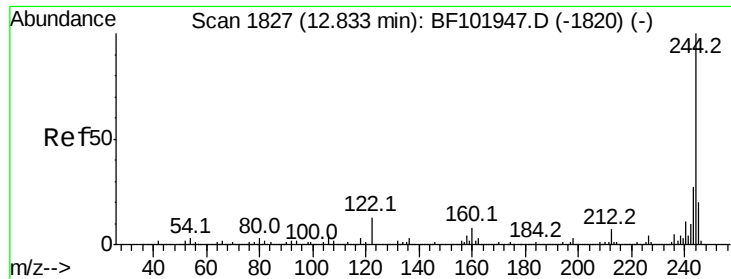
Delta R.T. -0.00 min

Lab File: BF102013.D

Acq: 11 Jan 2018 12:17

Tgt Ion:	202	Resp:	670684
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.4	26.2
203	17.0	14.3	21.5





#78

Terphenyl-d14

Concen: 0.137 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102013.D

Acq: 11 Jan 2018 12:17

Instrument :

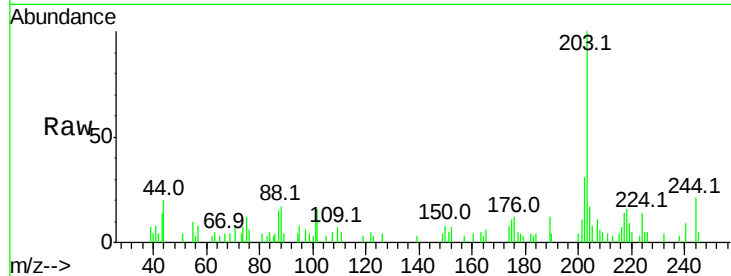
BNA_F

ClientSampleId :

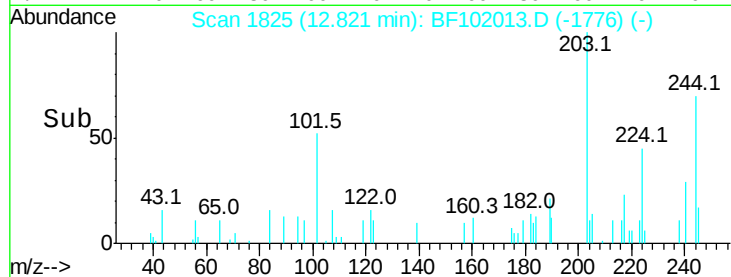
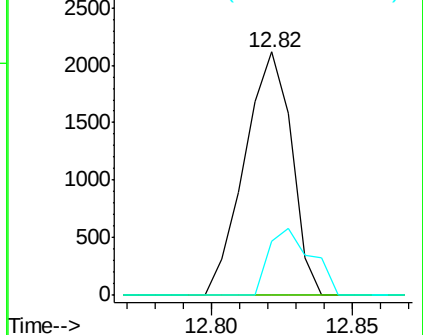
WC-43-02DL

Tot Ion:	244	Resp:	2448
Ion Ratio	Lower	Upper	
244	100		
212	0.0	5.4	8.0#
122	22.4	11.0	16.4#

Manual Integrations
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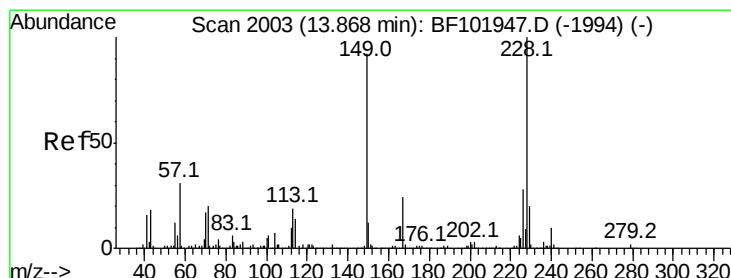


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



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#80

Benzo(a)anthracene

Concen: 10.408 ng m

RT: 13.86 min Scan# 2002

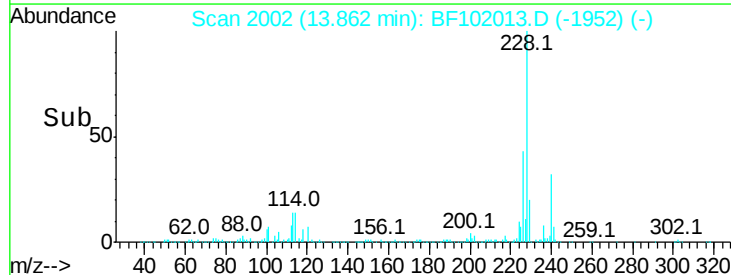
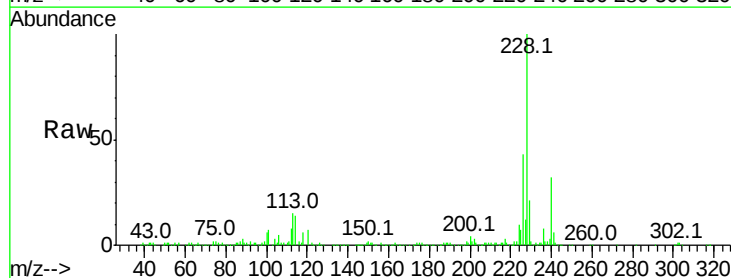
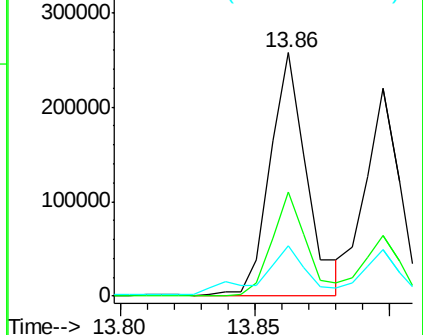
Delta R.T. -0.01 min

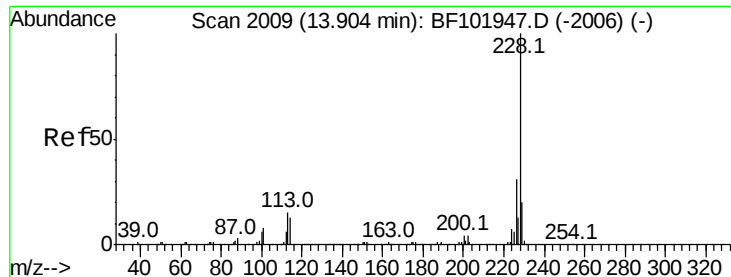
Lab File: BF102013.D

Acq: 11 Jan 2018 12:17

Tgt Ion:	228	Resp:	245877
Ion Ratio	Lower	Upper	
228	100		
226	42.9	22.6	33.8#
229	20.8	15.8	23.6

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



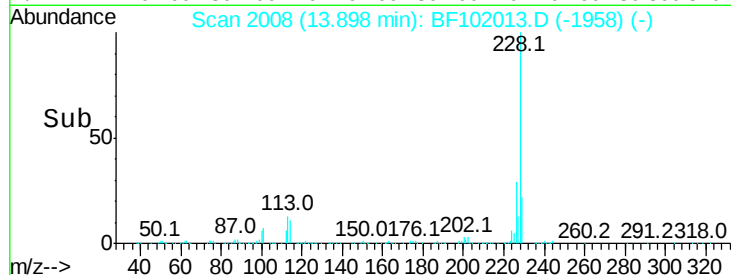
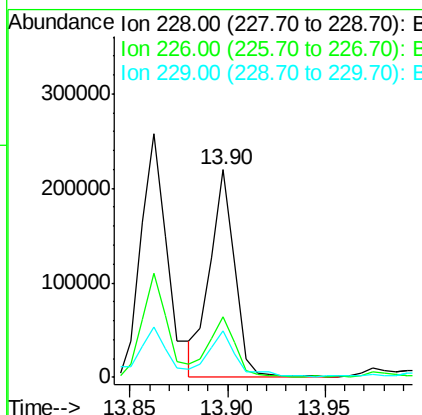
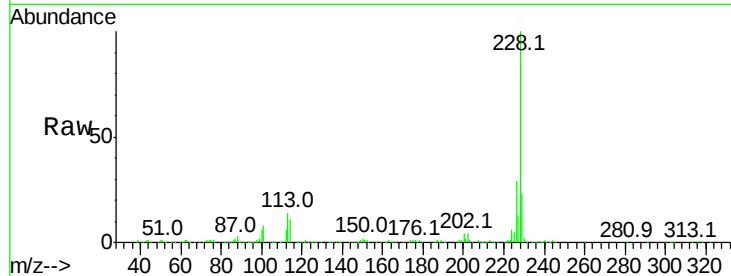


#82
Chrysene
Concen: 7.770 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF102013.D
Acq: 11 Jan 2018 12:17

Instrument :
BNA_F
ClientSampled :
WC-43-02DL

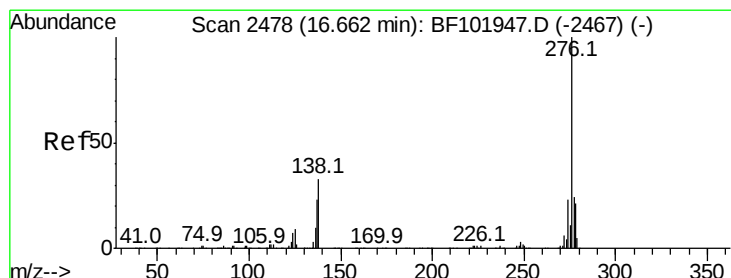
Tot Ion:	228	Resp:	191402
Ion Ratio	Lower	Upper	
228	100		
226	29.3	25.0	37.6
229	22.5	16.2	24.4

Manual Integrations
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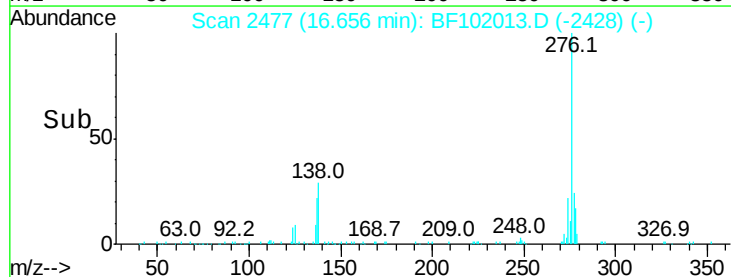
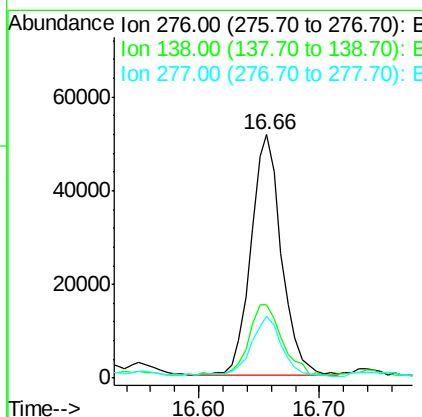
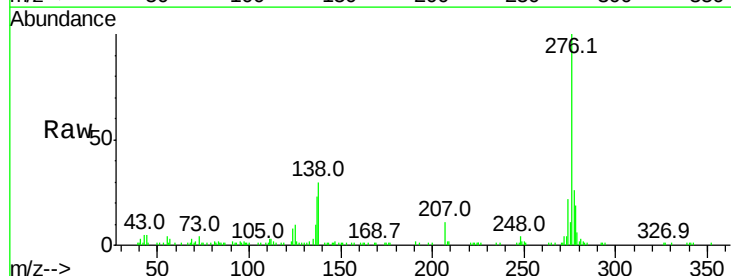
Sohil

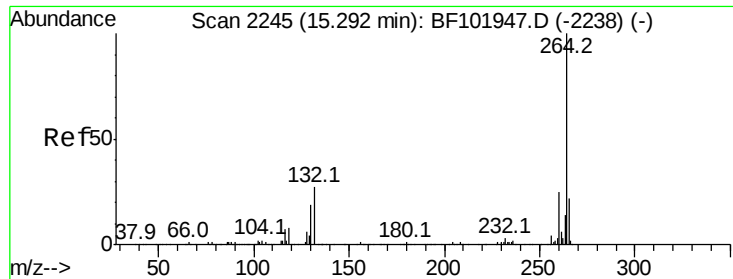
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#85
Indeno(1,2,3-cd)pyrene
Concen: 5.072 ng
RT: 16.66 min Scan# 2477
Delta R.T. -0.01 min
Lab File: BF102013.D
Acq: 11 Jan 2018 12:17

Tgt Ion:	276	Resp:	90935
Ion Ratio	Lower	Upper	
276	100		
138	30.9	25.0	37.6
277	26.4	20.1	30.1



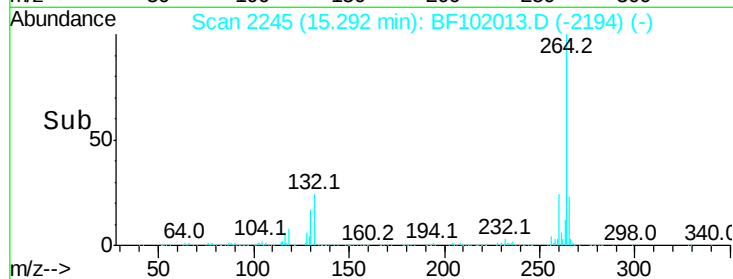
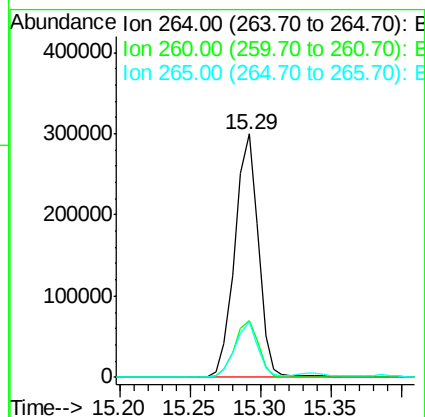
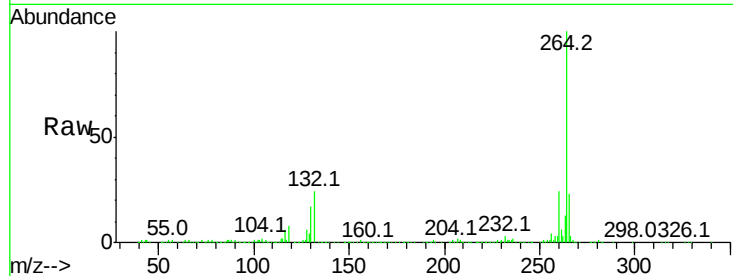


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. -0.00 min
Lab File: BF102013.D
Acq: 11 Jan 2018 12:17

Instrument :
BNA_F
ClientSampleID :
WC-43-02DL

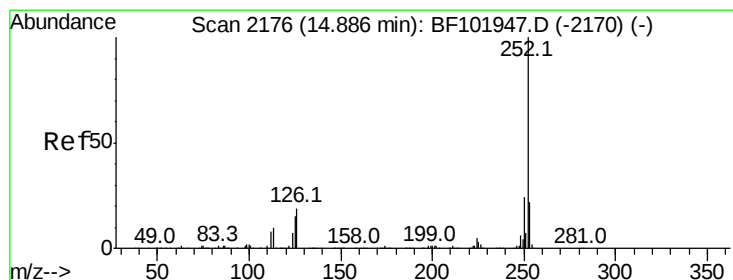
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.8	17.5	26.3

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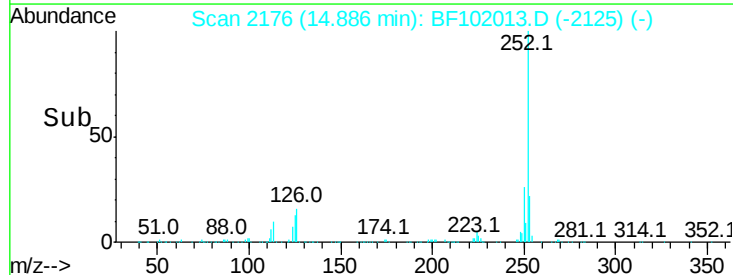
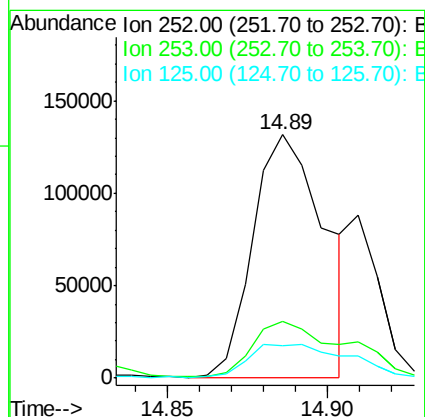
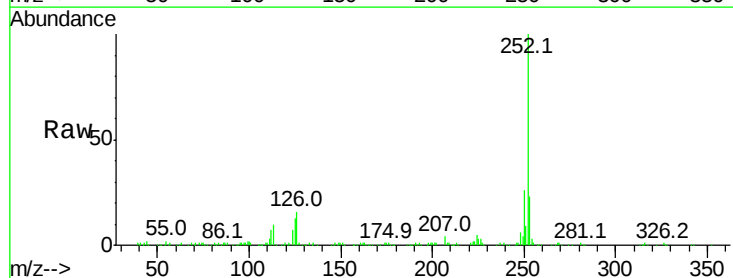
Sohil

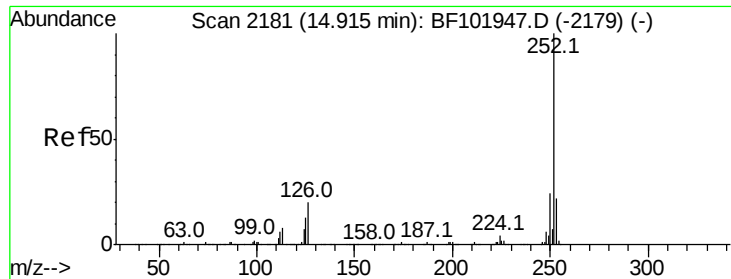
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#87
Benzo(b)fluoranthene
Concen: 8.967 ng m
RT: 14.89 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BF102013.D
Acq: 11 Jan 2018 12:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	13.4	9.0	13.6



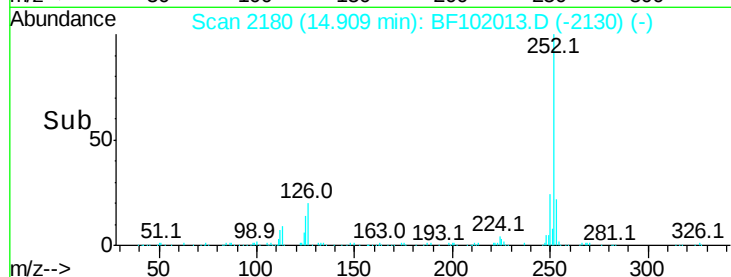
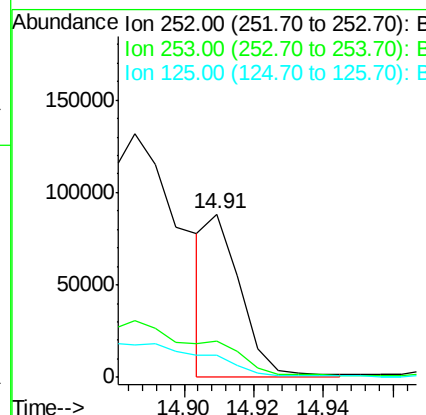
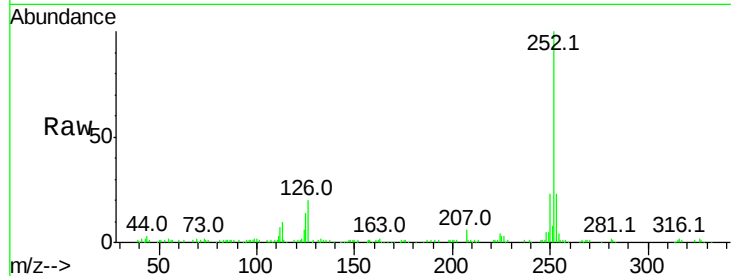


#88
Benzo(k)fluoranthene
Concen: 2.694 ng m
RT: 14.91 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF102013.D
Acq: 11 Jan 2018 12:17

Instrument :
BNA_F
ClientSampleId :
WC-43-02DL

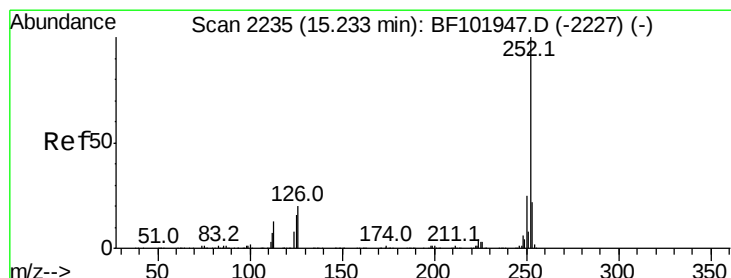
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	13.9	10.2	15.2

Manual Integrations
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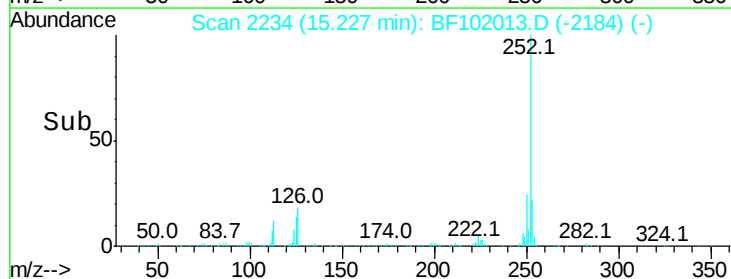
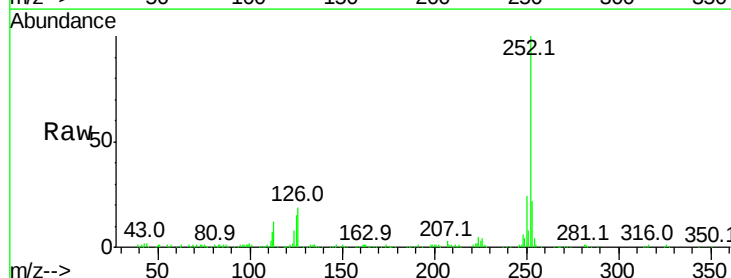
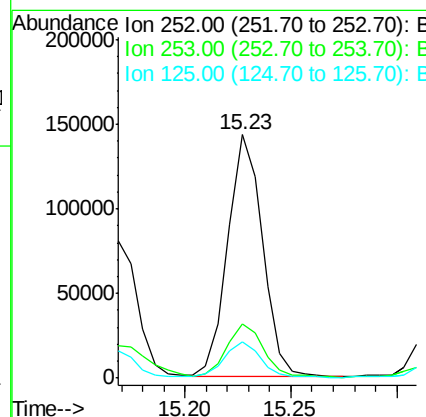
Sohil

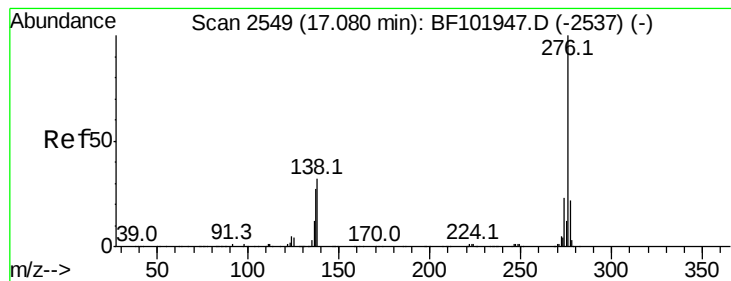
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#89
Benzo(a)pyrene
Concen: 7.915 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF102013.D
Acq: 11 Jan 2018 12:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	14.6	9.8	14.6#



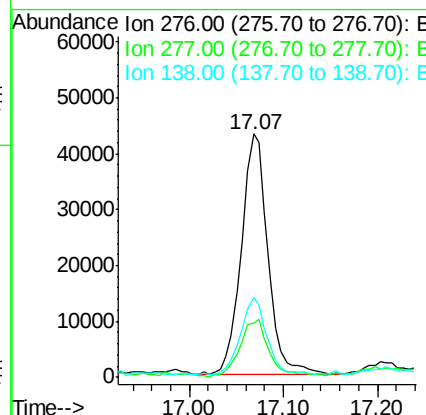
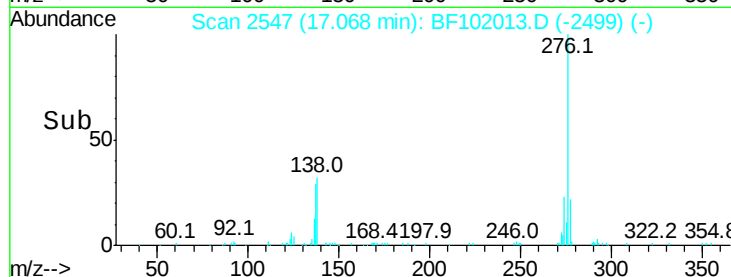
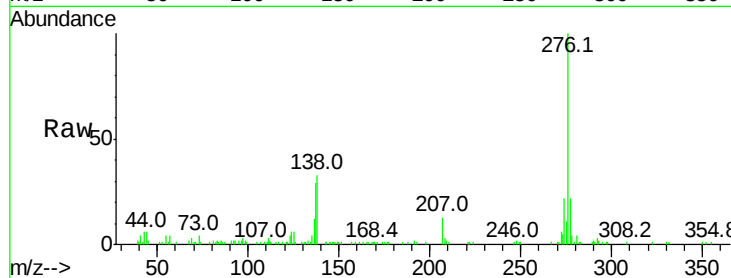


#91
 Benzo(a,h,i)perylene
 Concen: 5.111 ng
 RT: 17.07 min Scan# 2547
 Delta R.T. -0.02 min
 Lab File: BF102013.D
 Acq: 11 Jan 2018 12:17

Instrument :
 BNA_F
 ClientSampleId :
 WC-43-02DL

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.1	17.9	26.9
138	33.0	21.8	32.8

Manual Integrations
 APPROVED



Sohil

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