

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012818\
 Data File : BF102562.D
 Acq On : 28 Jan 2018 17:27
 Operator : SJ/JU
 Sample : J1290-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-43-0-2.0

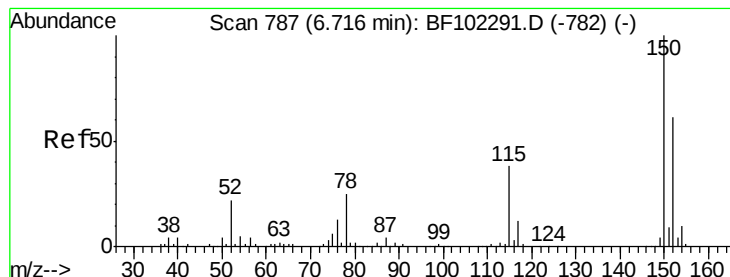
Manual Integrations
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Quant Time: Jan 29 04:01:33 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	150138	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	649026	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	296953	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	512493	20.00	ng	0.00
75) Chrysene-d12	13.87	240	327252	20.00	ng	-0.01
86) Perylene-d12	15.30	264	307086	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1020058	103.02	ng	0.00
7) Phenol-d6	6.36	99	1249799	104.69	ng	0.00
23) Nitrobenzene-d5	7.28	82	783080	69.34	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	256281	87.10	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1312823	65.00	ng	0.00
78) Terphenyl-d14	12.82	244	1059556	72.99	ng	0.00
Target Compounds						
10) Phenol	6.37	94	52664	4.041	ng	96
49) Dimethylphthalate	9.46	163	172909	7.045	ng	99
80) Benzo(a)anthracene	13.86	228	42370	2.103	ng	94
87) Benzo(b)fluoranthene	14.89	252	88893m	4.466	ng	
89) Benzo(a)pyrene	15.24	252	44229	2.464	ng	97
91) Benzo(g,h,i)perylene	17.12	276	28995	2.019	ng	94

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



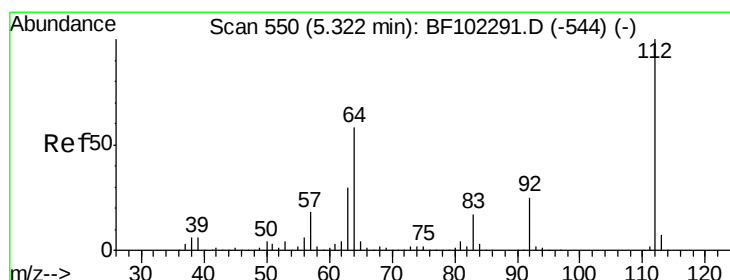
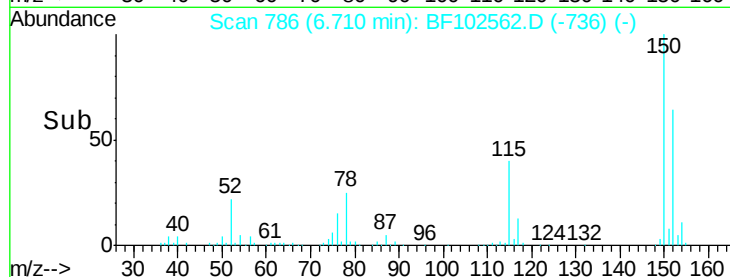
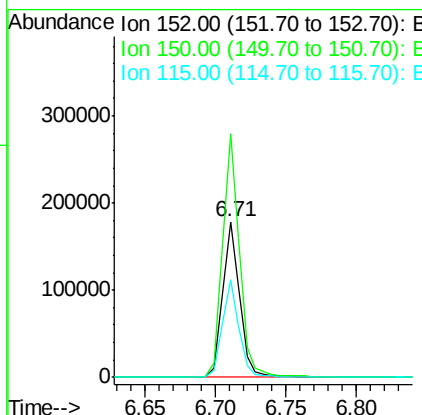
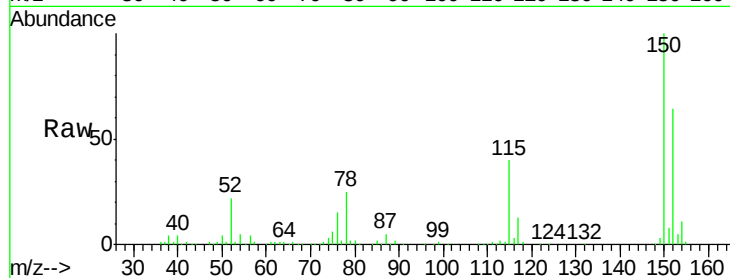
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF102562.D
 Acq: 28 Jan 2018 17:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-43-0-2.0

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	63.0	50.1	75.1

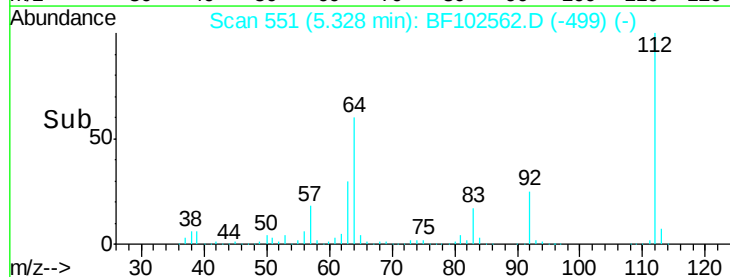
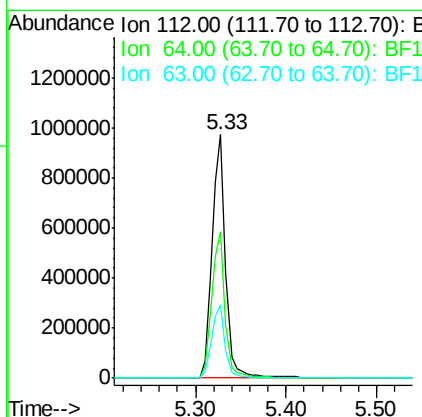
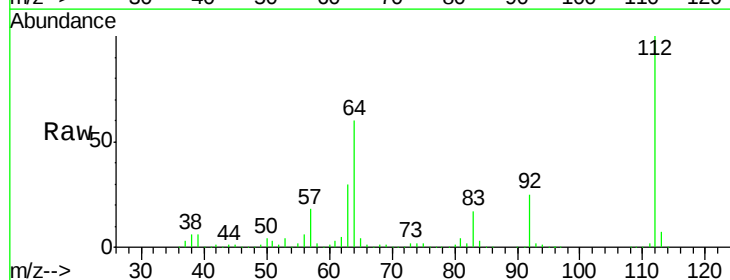
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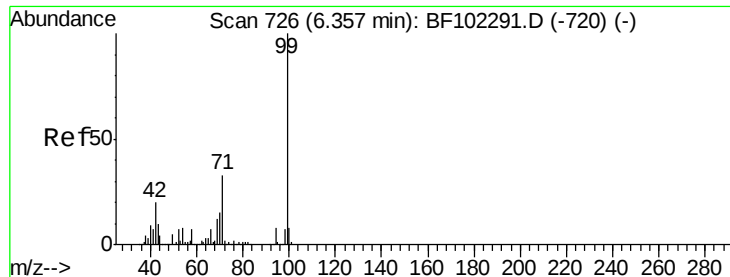
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#5
 2-Fluorophenol
 Concen: 103.017 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF102562.D
 Acq: 28 Jan 2018 17:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	47.9	71.9
63	30.2	23.7	35.5





#7

Phenol-d6

Concen: 104.694 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102562.D

Acq: 28 Jan 2018 17:27

Instrument :

BNA_F

ClientSampleId :

SB-43-0-2.0

Tot Ion: 99 Resp: 1249799

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

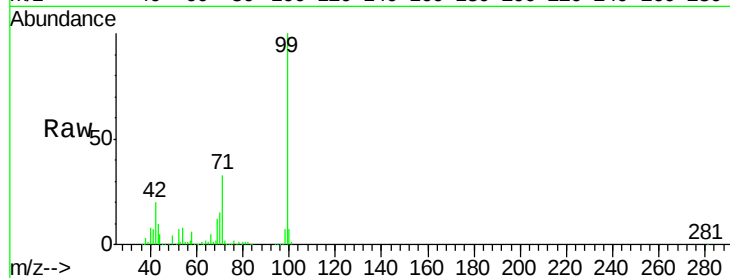
71 33.3 25.4 38.0

Manual Integrations

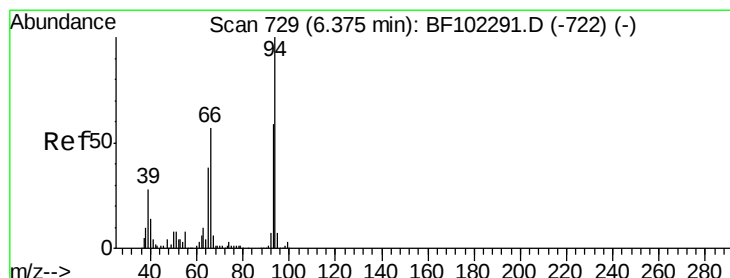
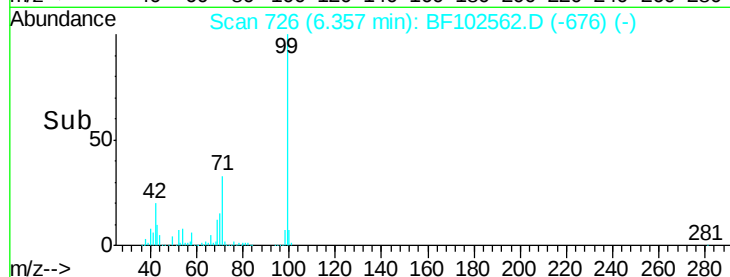
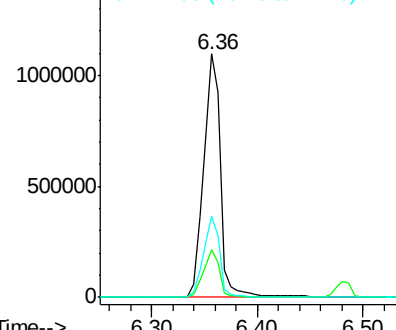
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.041 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102562.D

Acq: 28 Jan 2018 17:27

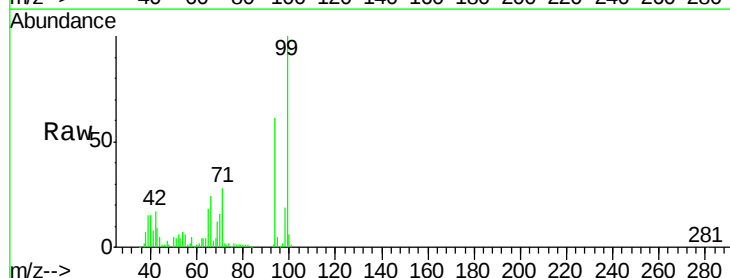
Tgt Ion: 94 Resp: 52664

Ion Ratio Lower Upper

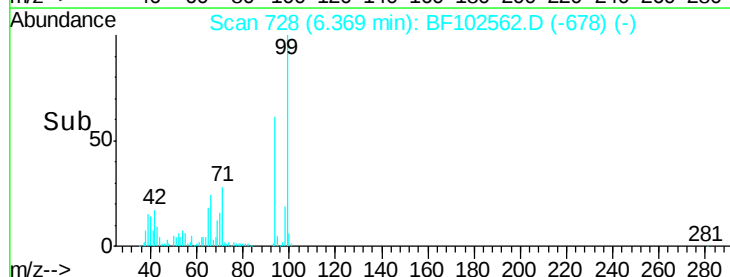
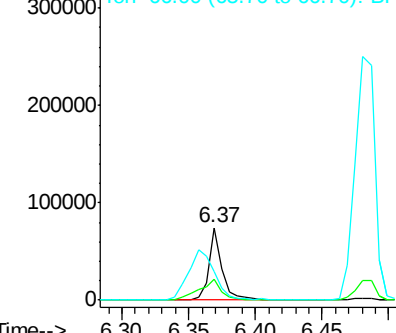
94 100

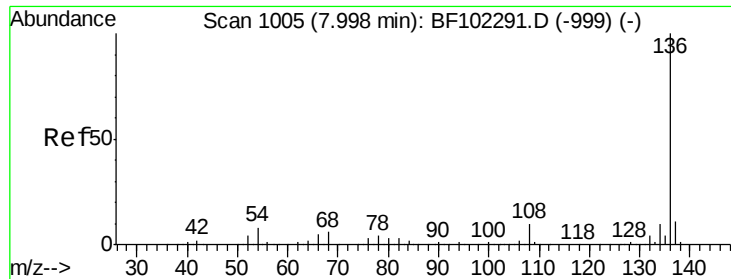
65 29.1 7.9 47.9

66 39.7 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





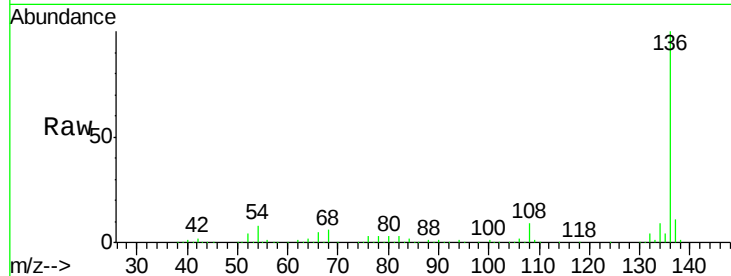
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF102562.D
Acq: 28 Jan 2018 17:27

Instrument :
BNA_F
ClientSampleId :
SB-43-0-2.0

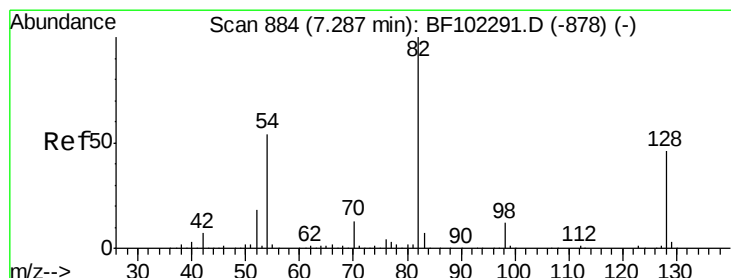
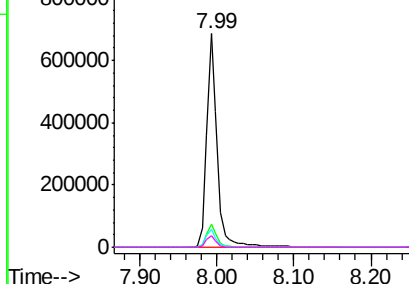
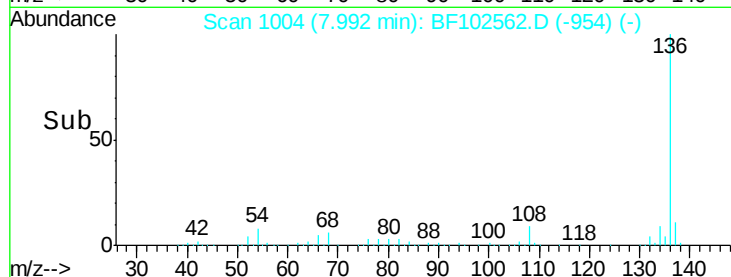
Tot Ion	Ratio	Resp	Lower	Upper
136	100	649026		
137	10.9		8.9	13.3
54	8.1		6.6	9.8
68	5.7		5.0	7.4

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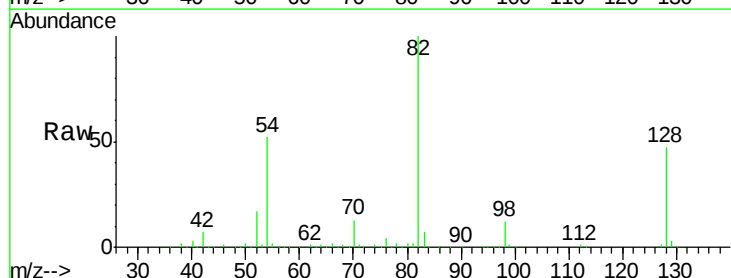


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

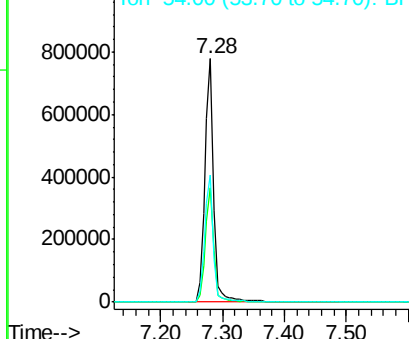
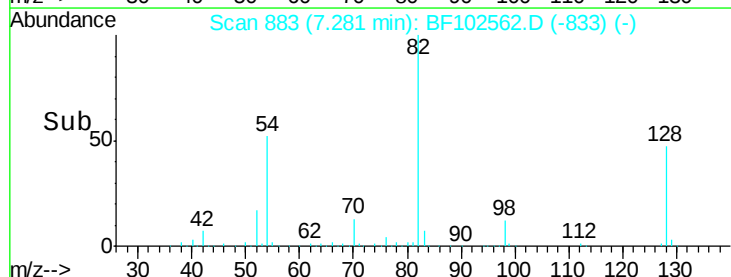


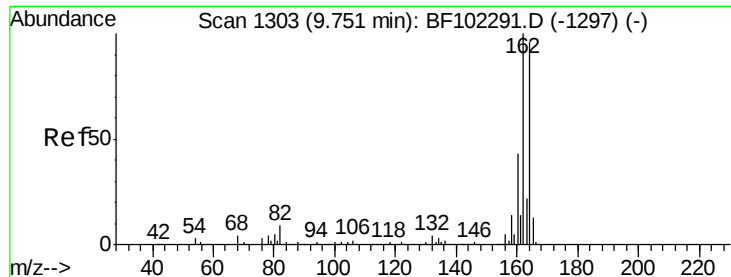
#23
Nitrobenzene-d5
Concen: 69.336 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102562.D
Acq: 28 Jan 2018 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	783080		
128	47.0		36.1	54.1
54	52.3		41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF102562.D

Acq: 28 Jan 2018 17:27

Instrument :

BNA_F

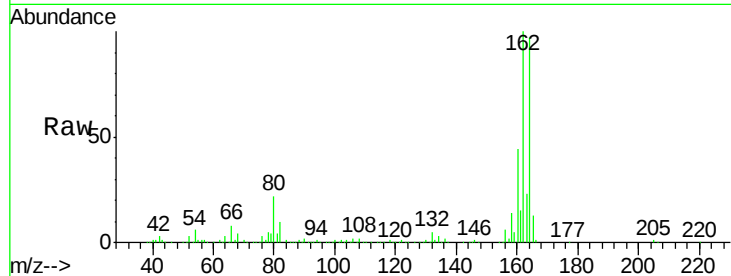
ClientSampleId :

SB-43-0-2.0

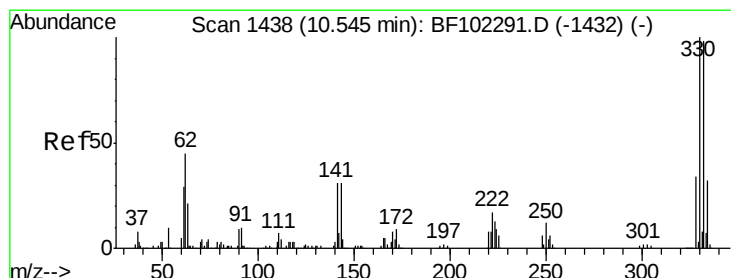
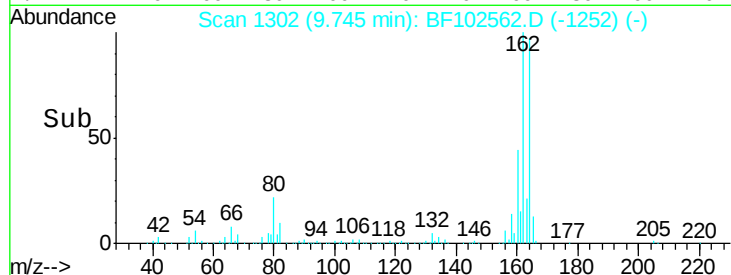
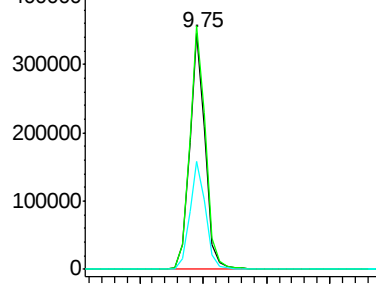
Tot Ion:	164	Resp:	296953
Ion Ratio	Lower	Upper	
164	100		
162	103.1	86.1	129.1
160	45.5	38.3	57.5

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 87.100 ng

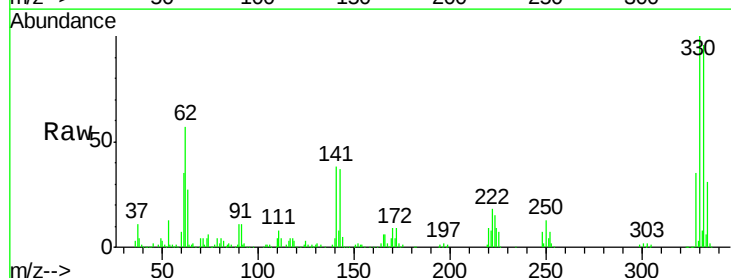
RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

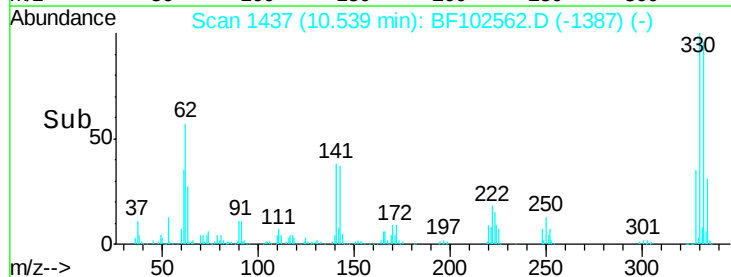
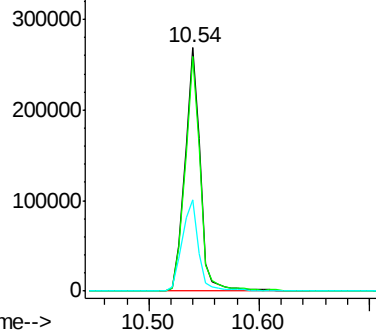
Lab File: BF102562.D

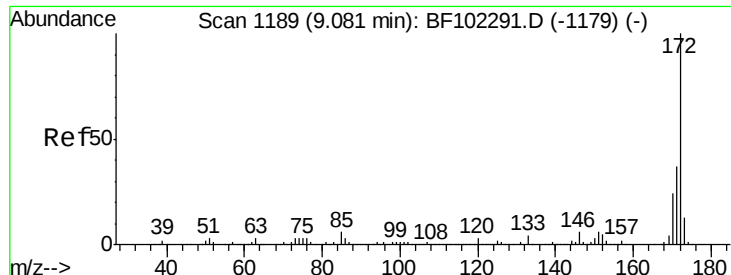
Acq: 28 Jan 2018 17:27

Tgt Ion:	330	Resp:	256281
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.0	115.6
141	40.0	29.9	44.9



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





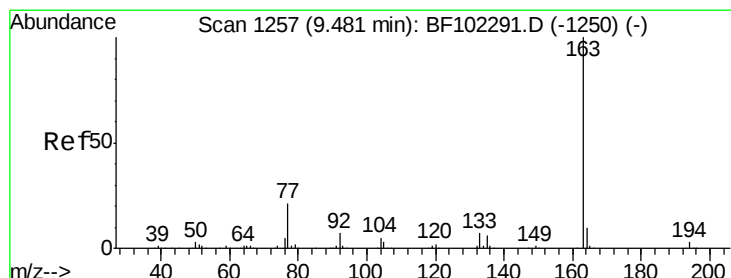
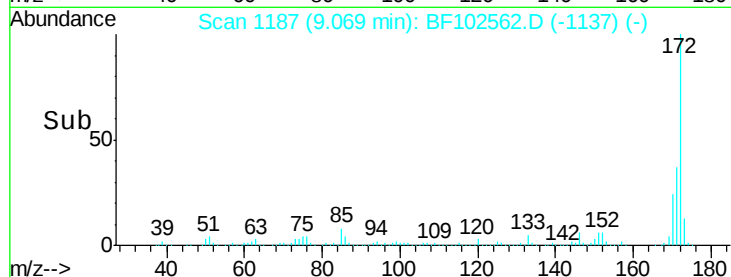
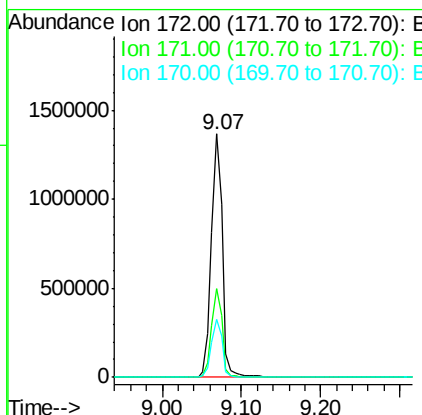
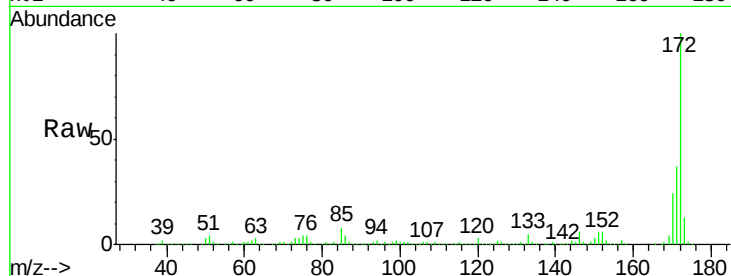
#44
2-Fluorobiphenyl
Concen: 65.004 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF102562.D
Acq: 28 Jan 2018 17:27

Instrument :
BNA_F
ClientSampleId :
SB-43-0-2.0

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.0	19.6	29.4

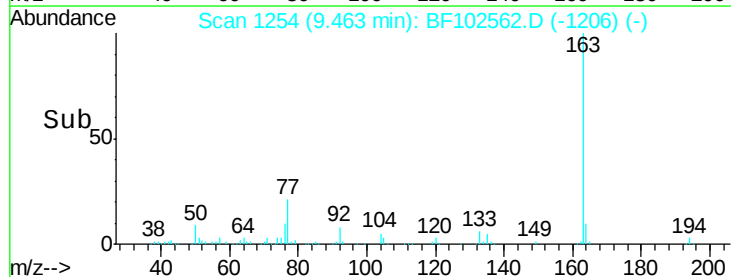
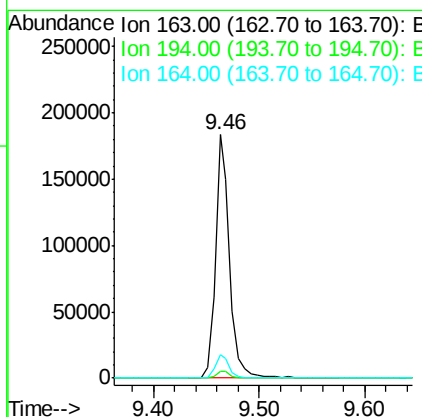
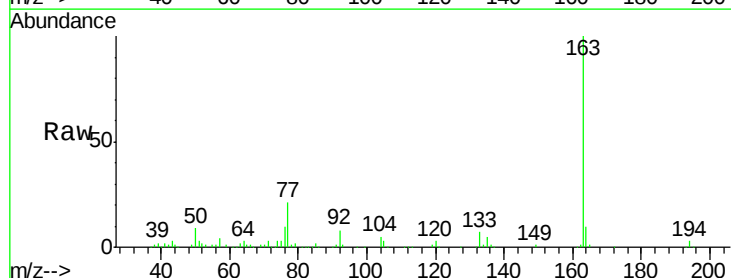
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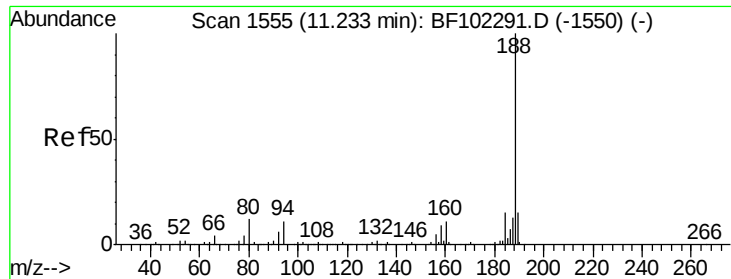
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#49
Dimethylphthalate
Concen: 7.045 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF102562.D
Acq: 28 Jan 2018 17:27

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.7	4.1
164	9.8	8.2	12.2





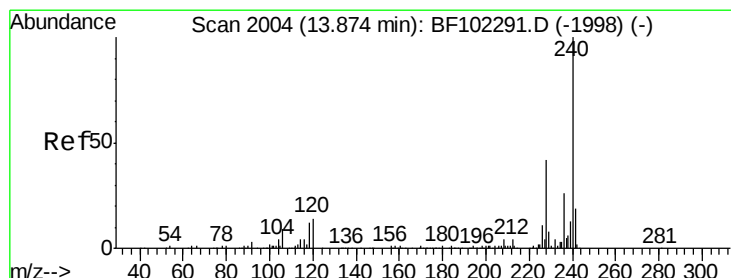
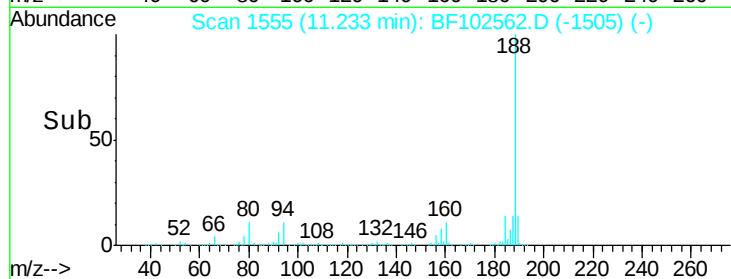
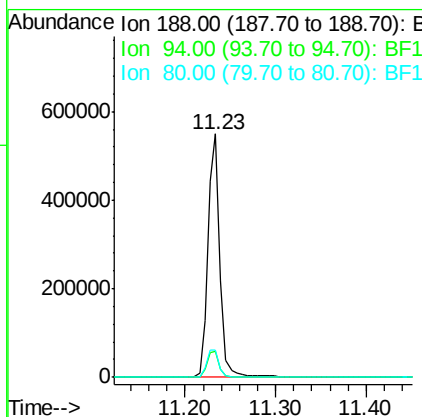
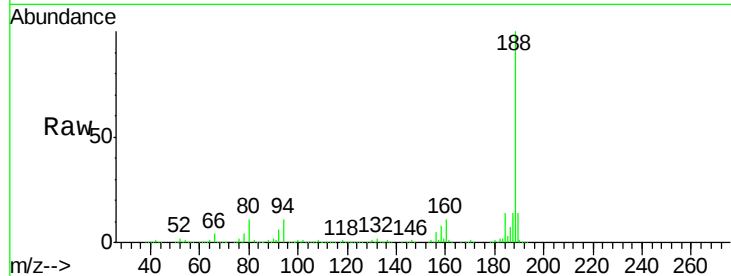
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102562.D
Acq: 28 Jan 2018 17:27

Instrument :
BNA_F
ClientSampleId :
SB-43-0-2.0

Tot Ion	Ratio	Resp	Lower	Upper
188	100	512493		
94	10.9		8.5	12.7
80	11.1		9.2	13.8

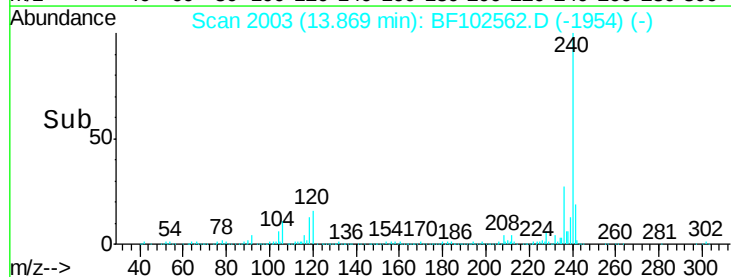
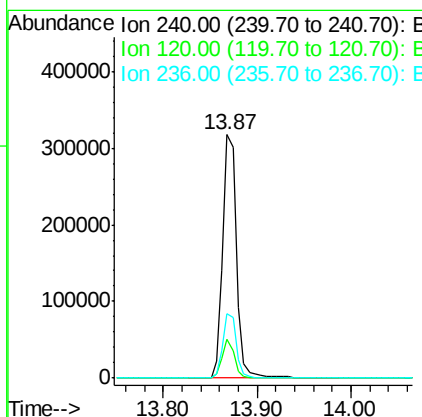
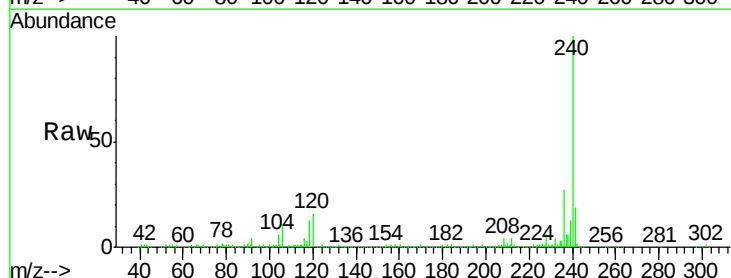
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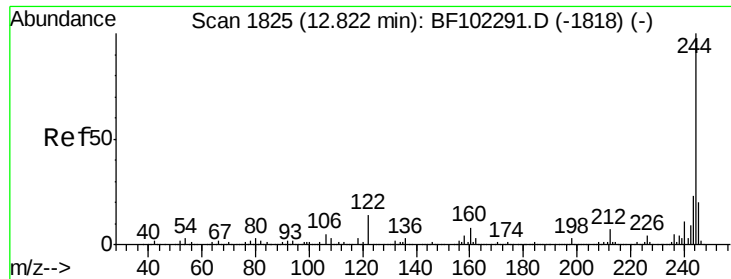
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102562.D
Acq: 28 Jan 2018 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	327252		
120	16.1		9.5	14.3#
236	26.5		20.7	31.1





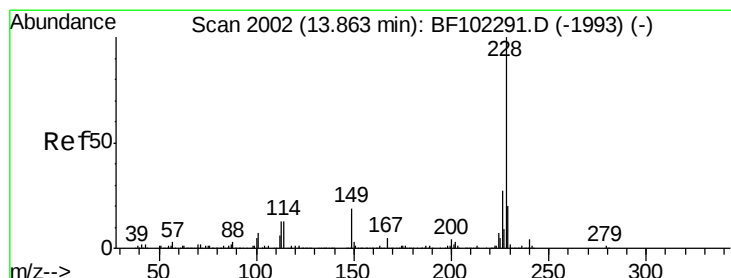
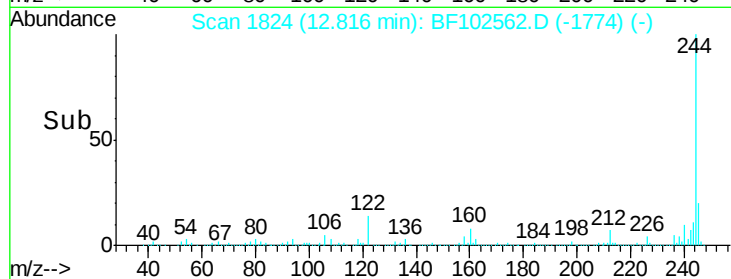
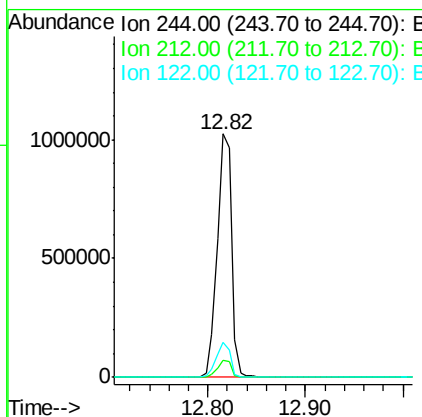
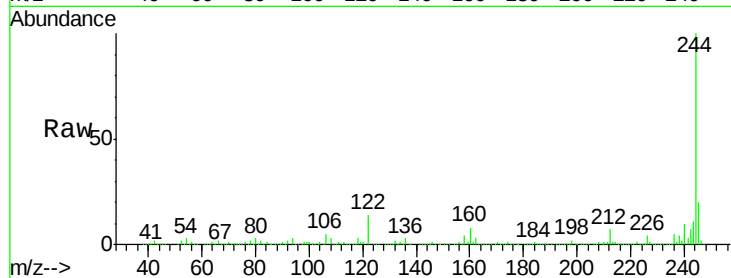
#78
 Terphenyl-d14
 Concen: 72.990 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF102562.D
 Acq: 28 Jan 2018 17:27

Instrument :
 BNA_F
 ClientSampled :
 SB-43-0-2.0

Tot Ion:244 Resp: 1059556
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 14.5 11.0 16.4

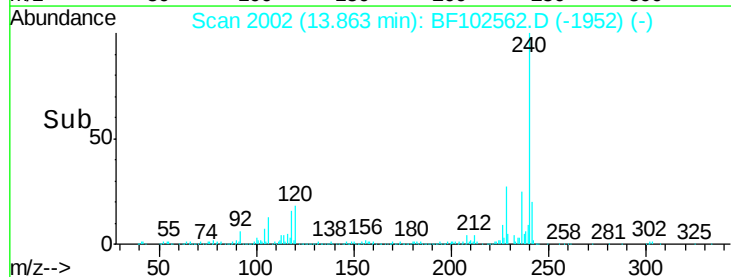
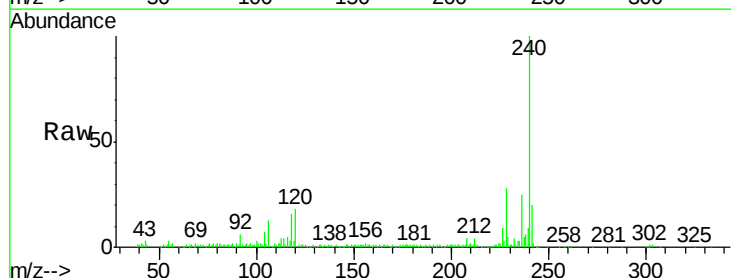
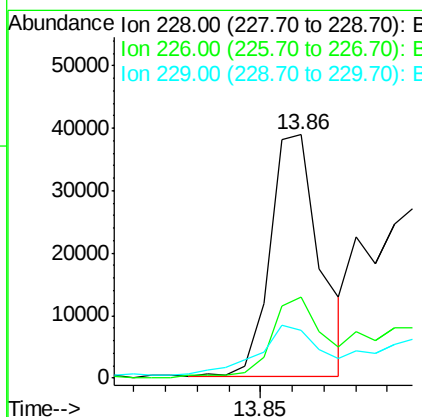
Manual Integrations
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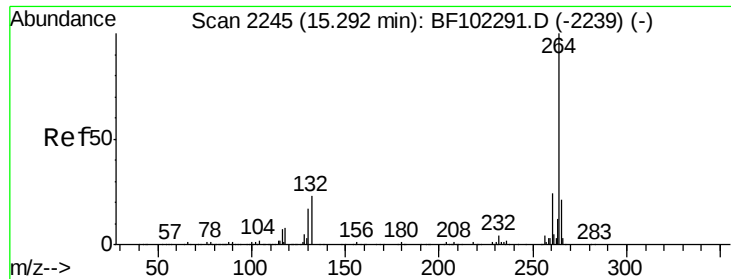
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#80
 Benzo(a)anthracene
 Concen: 2.103 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF102562.D
 Acq: 28 Jan 2018 17:27

Tgt Ion:228 Resp: 42370
 Ion Ratio Lower Upper
 228 100
 226 33.5 22.6 33.8
 229 19.5 15.8 23.6





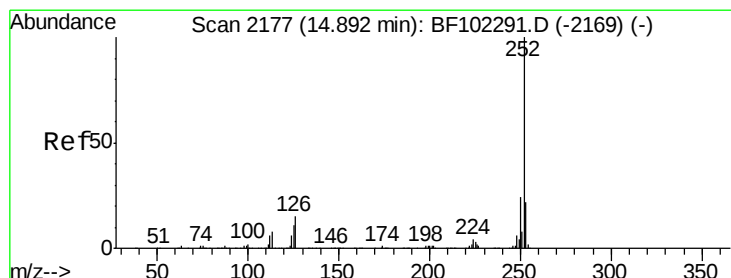
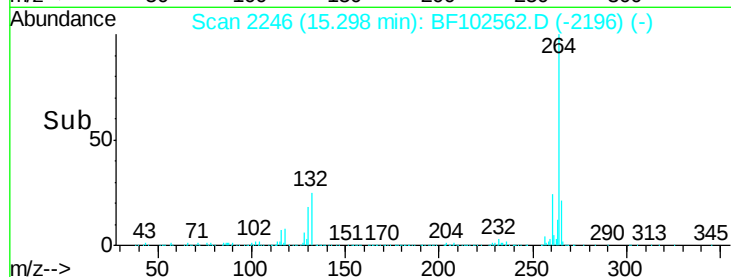
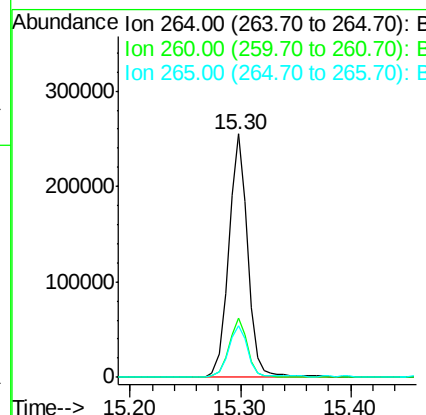
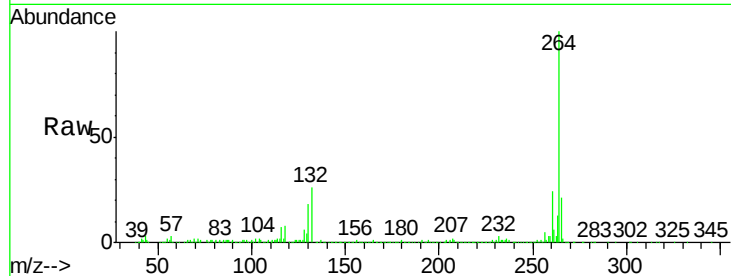
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BF102562.D
Acq: 28 Jan 2018 17:27

Instrument :
BNA_F
ClientSampleId :
SB-43-0-2.0

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.2	17.5	26.3

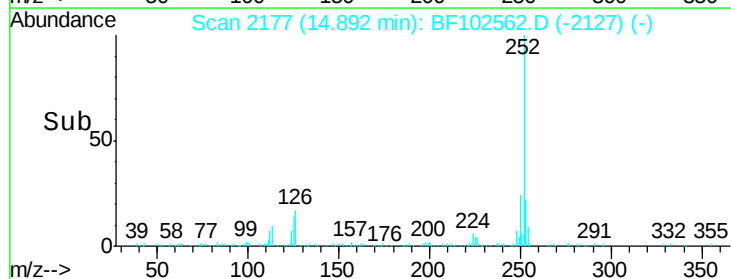
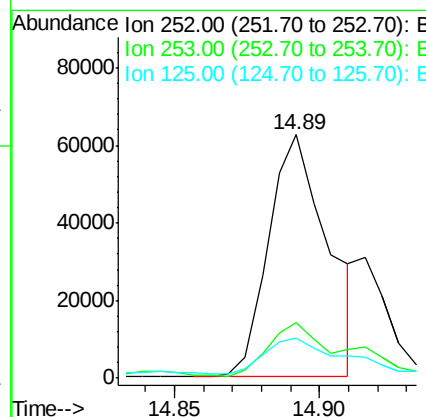
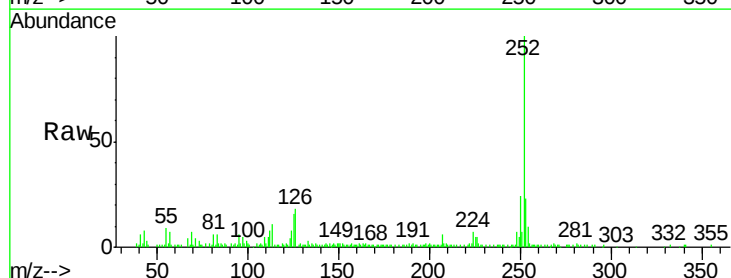
Manual Integrations
APPROVED

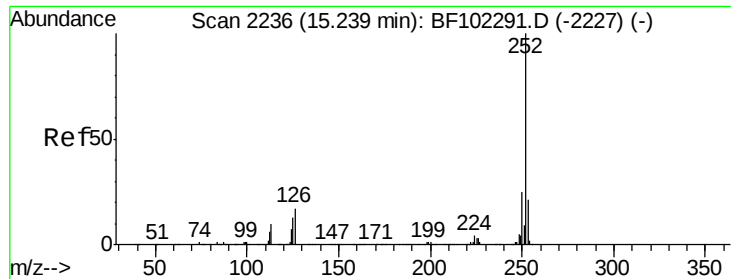
Sohil
1/29/2018 5:47:59 PM



#87
Benzo(b)fluoranthene
Concen: 4.466 ng m
RT: 14.89 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BF102562.D
Acq: 28 Jan 2018 17:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	16.3	9.0	13.6





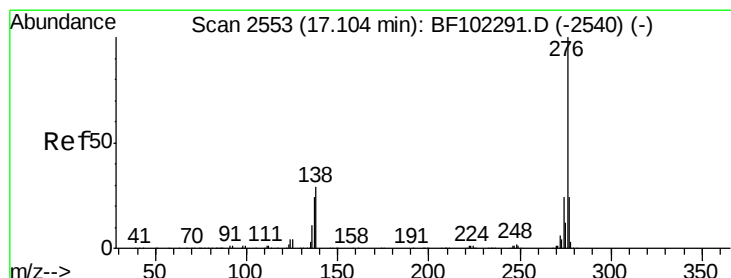
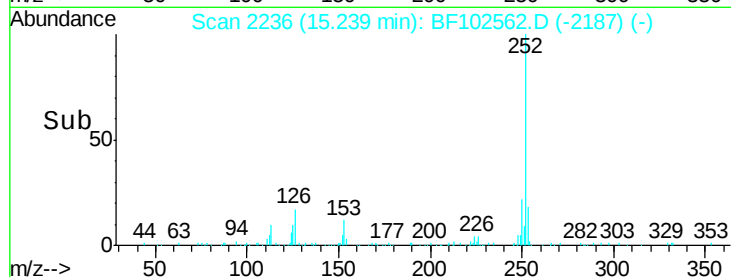
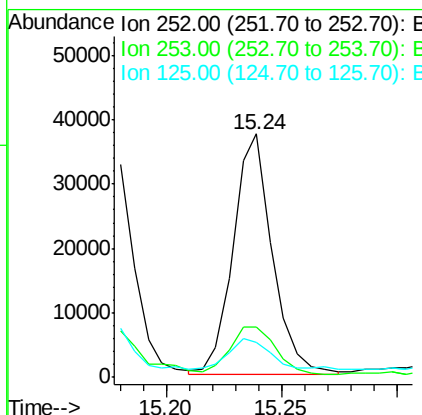
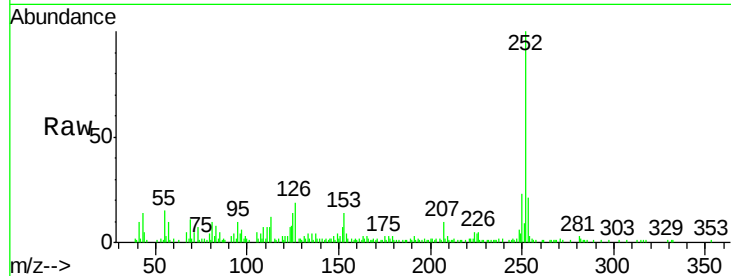
#89
Benzo(a)pyrene
Concen: 2.464 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF102562.D
Acq: 28 Jan 2018 17:27

Instrument :
BNA_F
ClientSampleId :
SB-43-0-2.0

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.1	25.7
125	14.3	9.8	14.6

Manual Integrations
APPROVED

Sohil
1/29/2018 5:47:59 PM



#91
Benzo(g,h,i)perylene
Concen: 2.019 ng
RT: 17.12 min Scan# 2553
Delta R.T. -0.02 min
Lab File: BF102562.D
Acq: 28 Jan 2018 17:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.2	17.9	26.9
138	30.9	21.8	32.8

