

Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
 Data File : BF102001.D
 Acq On : 11 Jan 2018 1:17
 Operator : SJ/JU
 Sample : J1076-16MSD 50X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-53-01MSD

Manual Integrations
 APPROVED

Sohil
 1/11/2018 10:53:30 AM

Quant Time: Jan 11 04:58:07 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 15:20:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	211985	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	703355	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	361500	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	507324	20.00	ng	0.00
75) Chrysene-d12	13.88	240	287718	20.00	ng	0.00
86) Perylene-d12	15.30	264	382462	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	6935	0.46	ng	0.00
7) Phenol-d6	6.35	99	8191	0.46	ng	0.00
23) Nitrobenzene-d5	7.29	82	4687	0.39	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	1095	0.35	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	9530	0.41	ng	-0.01
78) Terphenyl-d14	12.83	244	7808	0.56	ng	0.00

Target Compounds

						Qvalue
10) Phenol	6.36	94	547241	27.035	ng	99
17) 2-Methylphenol	6.97	107	161836	11.915	ng	97
20) 3+4-Methylphenols	7.13	107	488278	29.941	ng	89
27) 2,4-Dimethylphenol	7.67	122	138743	13.800	ng	97
31) Naphthalene	8.06	128	11271860	320.720	ng	97
32) Benzoic acid	7.80	122	121189	15.897	ng	# 13
37) 2-Methylnaphthalene	8.73	142	2325194	100.496	ng	98
45) 1,1'-Biphenyl	9.19	154	754090	23.600	ng	99
48) Acenaphthylene	9.63	152	3317786	84.374	ng	98
51) Acenaphthene	9.79	154	207578	8.697	ng	99
54) Dibenzofuran	9.97	168	2034528	62.112	ng	98
57) Fluorene	10.32	166	2125473	93.865	ng	99
70) Phenanthrene	11.29	178	4765291	160.802	ng	98
71) Anthracene	11.33	178	2667560	88.756	ng	99
72) Carbazole	11.48	167	1079317	36.536	ng	99
74) Fluoranthene	12.47	202	3051144	104.648	ng	100
77) Pyrene	12.69	202	2405156	94.570	ng	98
80) Benzo(a)anthracene	13.87	228	1226144m	66.794	ng	
82) Chrysene	13.91	228	1135490	59.321	ng	97
85) Indeno(1,2,3-cd)pyrene	16.68	276	578405	41.517	ng	99
87) Benzo(b)fluoranthene	14.90	252	1334788m	53.525	ng	
88) Benzo(k)fluoranthene	14.92	252	490364m	20.384	ng	
89) Benzo(a)pyrene	15.25	252	1090136	48.579	ng	96
90) Dibenz(o,a,h)anthracene	16.69	278	175816	9.818	ng	94
91) Benzo(g,h,i)perylene	17.10	276	483146	26.783	ng	96

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

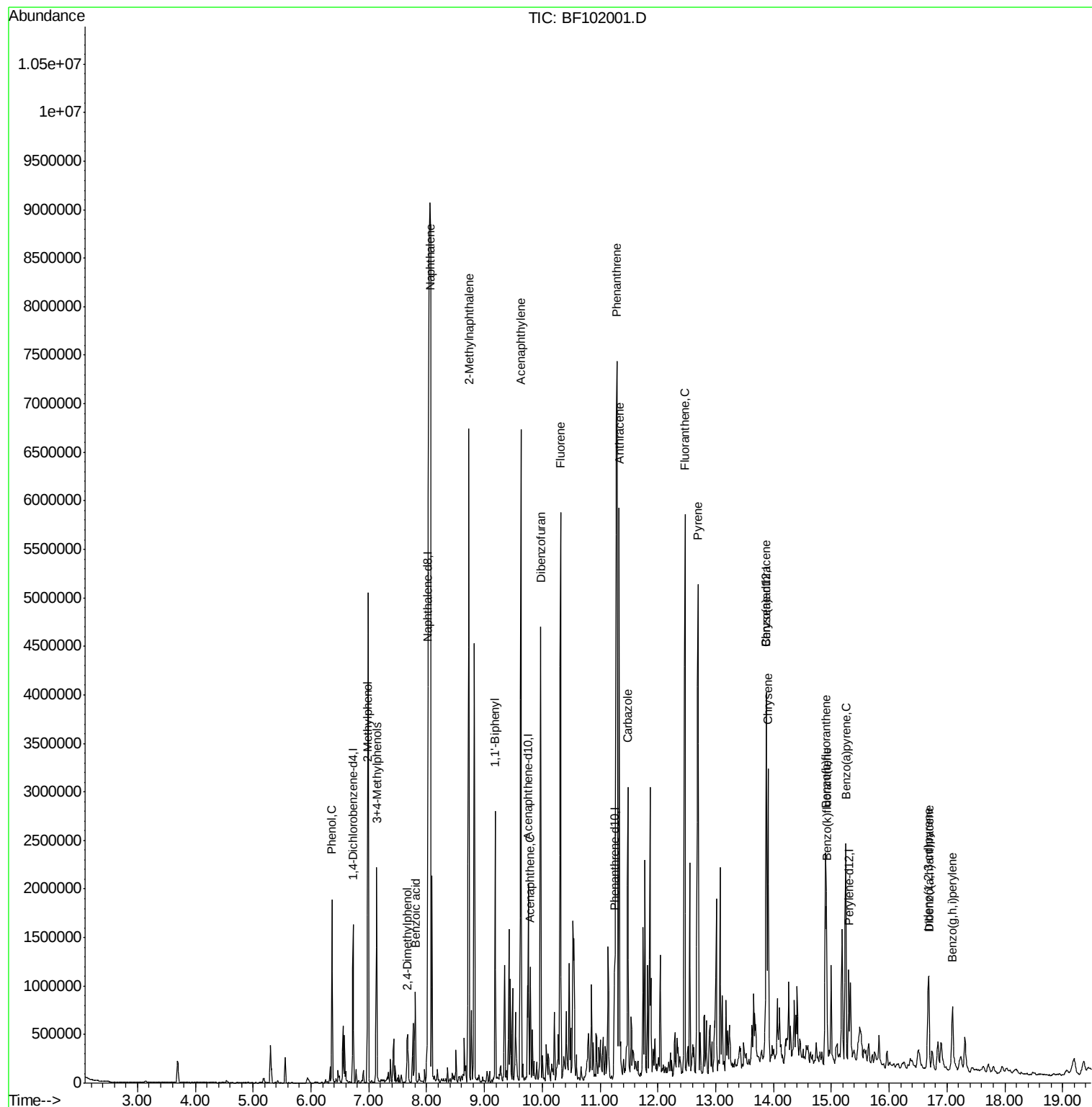
Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
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Operator : SJ/JU
Sample : J1076-16MSD 50X
Misc :
ALS Vial : 22 Sample Multiplier: 1

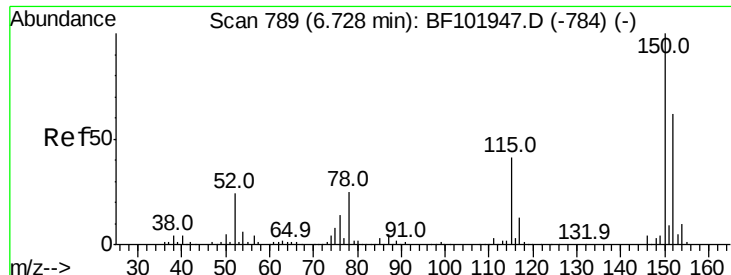
Instrument :
BNA_F
ClientSampleId :
WC-53-01MSD

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1/11/2018 10:53:30 AM

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

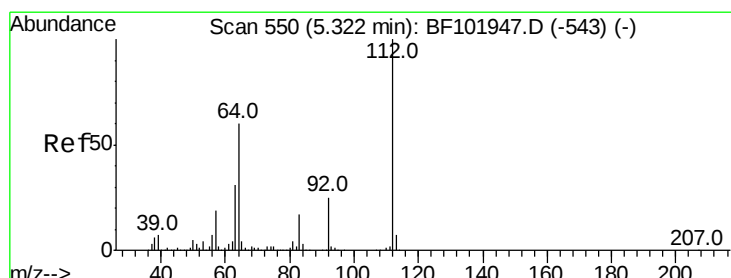
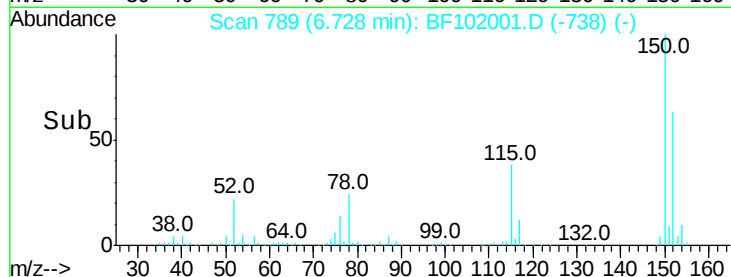
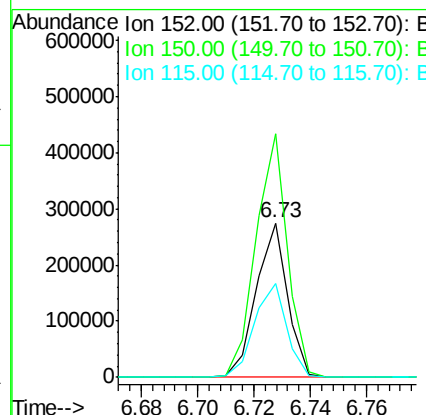
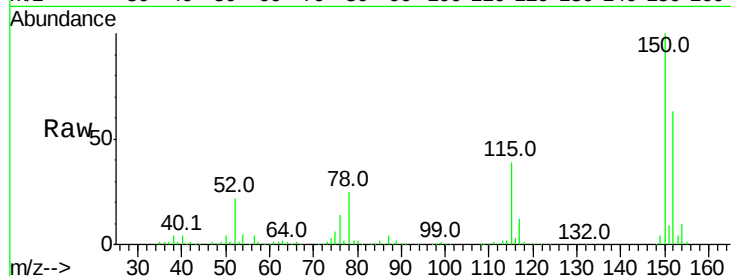
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF102001.D
Acq: 11 Jan 2018 1:17

Instrument :
BNA_F
ClientSampleId :
WC-53-01MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.6	186.8
115	60.9	50.1	75.1

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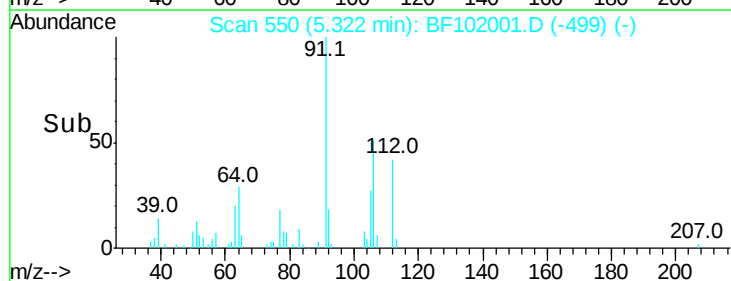
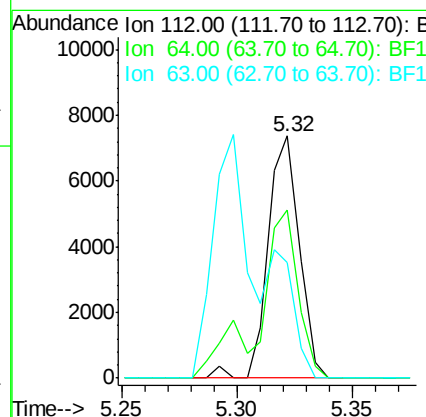
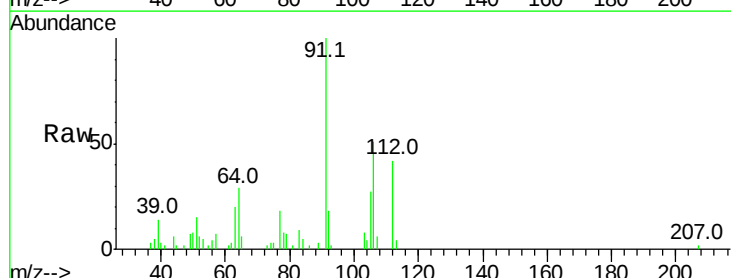
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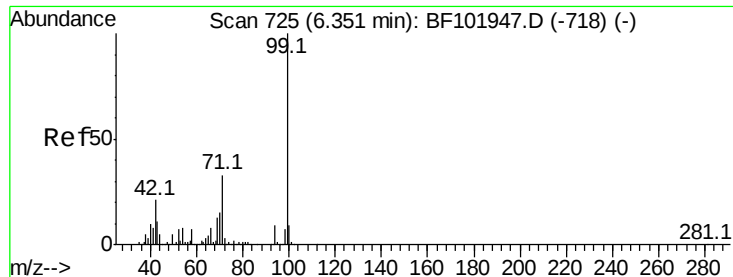


#5

2-Fluorophenol
Concen: 0.462 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF102001.D
Acq: 11 Jan 2018 1:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.1	47.9	71.9
63	47.7	23.7	35.5





#7

Phenol-d6

Concen: 0.457 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF102001.D

Acq: 11 Jan 2018 1:17

Instrument :

BNA_F

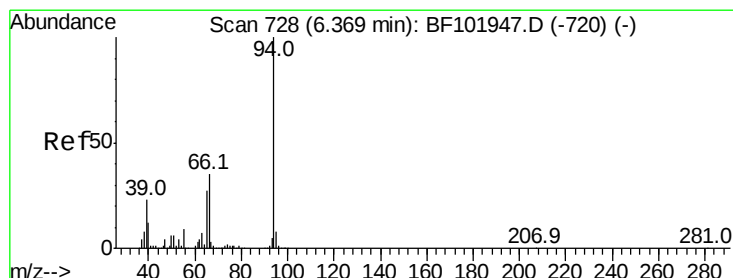
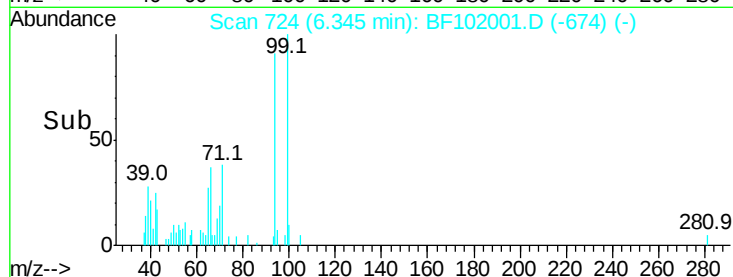
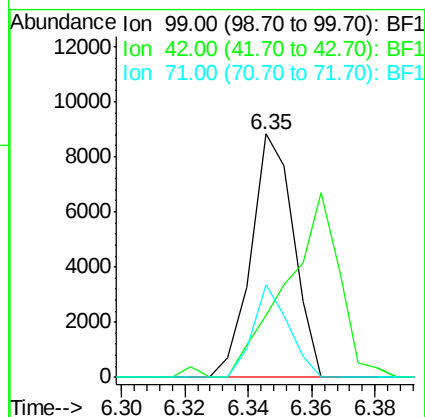
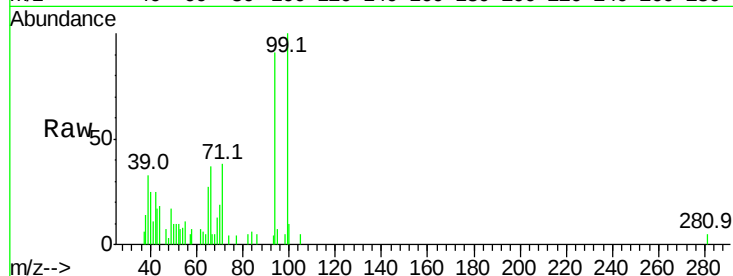
ClientSampleId :

WC-53-01MSD

Tot Ion:	99	Resp:	8191
Ion Ratio	Lower	Upper	
99	100		
42	25.4	14.5	21.7#
71	38.1	25.4	38.0#

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#10

Phenol

Concen: 27.035 ng

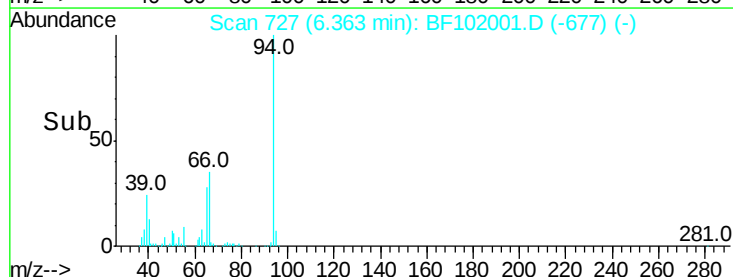
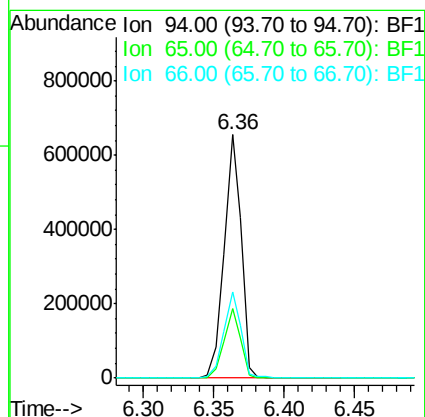
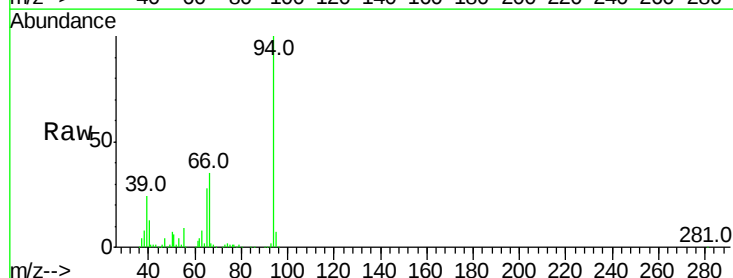
RT: 6.36 min Scan# 727

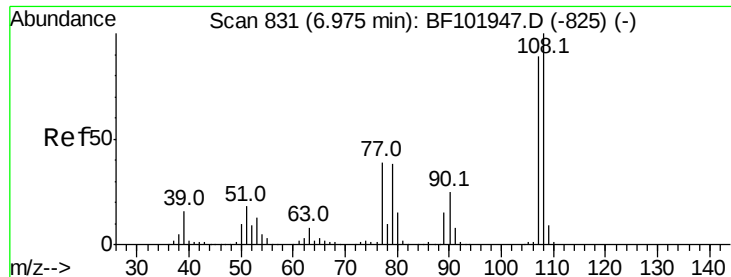
Delta R.T. -0.01 min

Lab File: BF102001.D

Acq: 11 Jan 2018 1:17

Tgt Ion:	94	Resp:	547241
Ion Ratio	Lower	Upper	
94	100		
65	28.4	7.9	47.9
66	35.4	16.2	56.2





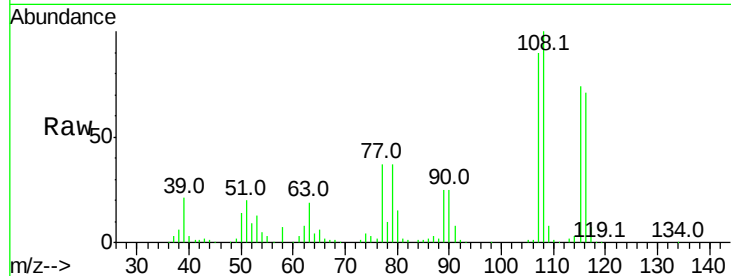
#17
2-Methylphenol
Concen: 11.915 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF102001.D
Acq: 11 Jan 2018 1:17

Instrument :
BNA_F
ClientSampleId :
WC-53-01MSD

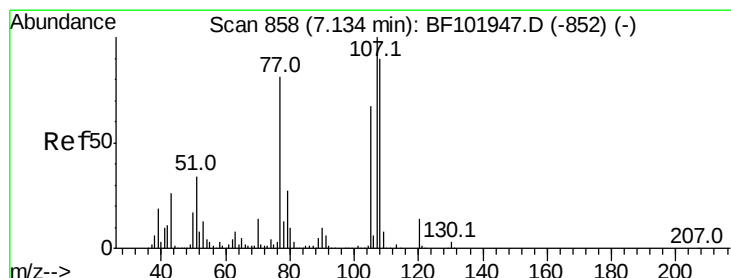
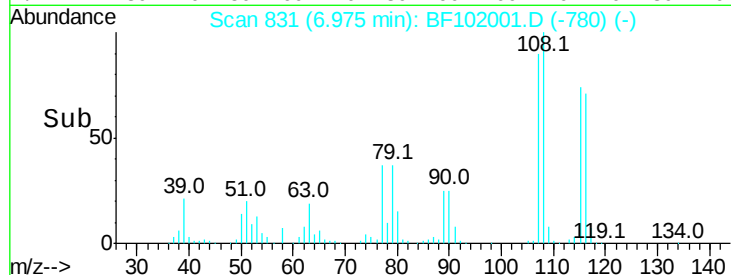
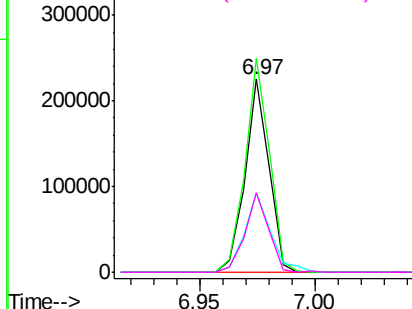
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.6	91.7	137.5	
77	41.4	33.8	50.8	
79	40.8	33.8	50.8	

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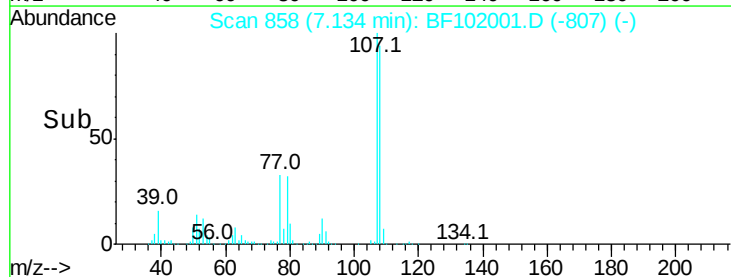
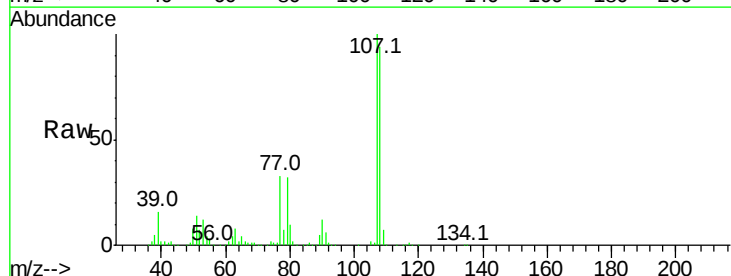
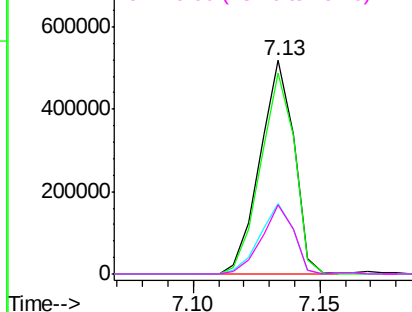
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

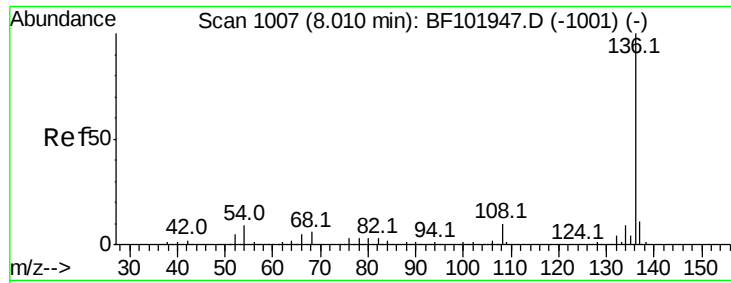


#20
3+4-Methylphenols
Concen: 29.941 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF102001.D
Acq: 11 Jan 2018 1:17

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	94.3	68.2	108.2	
77	33.0	26.7	66.7	
79	32.3	6.3	46.3	

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





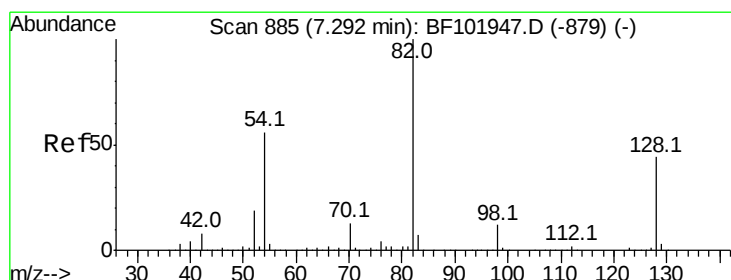
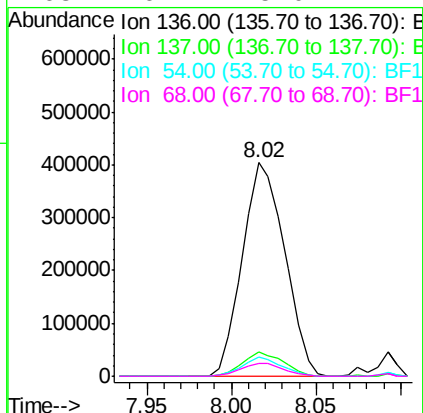
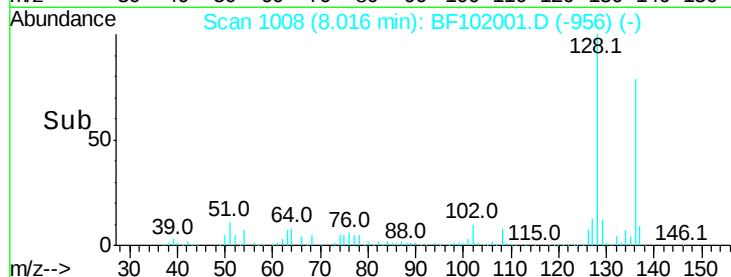
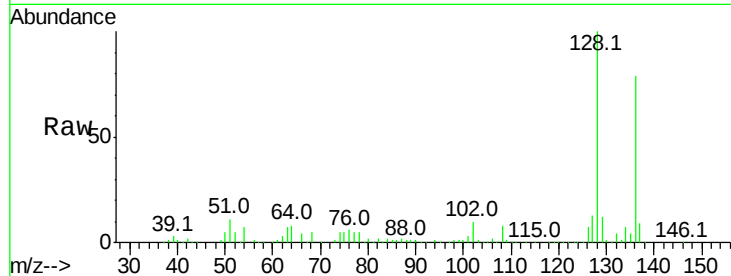
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF102001.D
Acq: 11 Jan 2018 1:17

Instrument :
BNA_F
ClientSampleId :
WC-53-01MSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.9	6.6	9.8
68	6.2	5.0	7.4

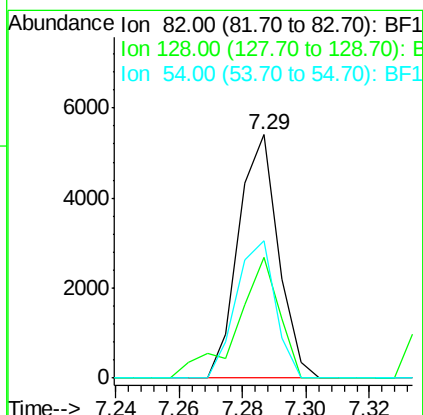
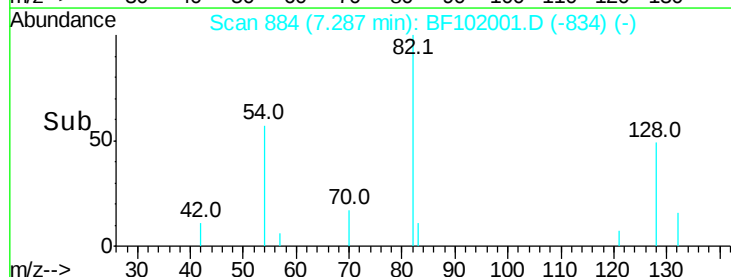
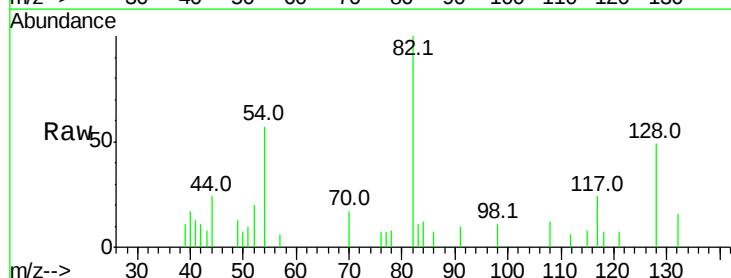
Manual Integrations
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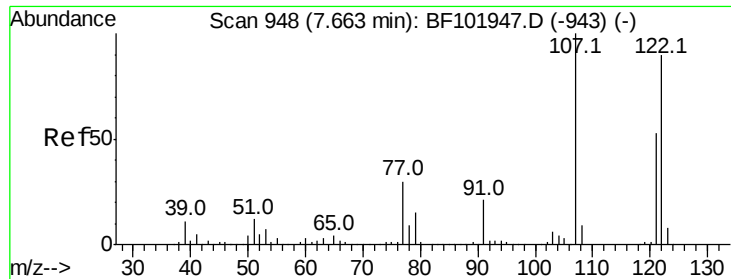
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#23
Nitrobenzene-d5
Concen: 0.392 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102001.D
Acq: 11 Jan 2018 1:17

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	49.4	36.1	54.1
54	56.5	41.4	62.2





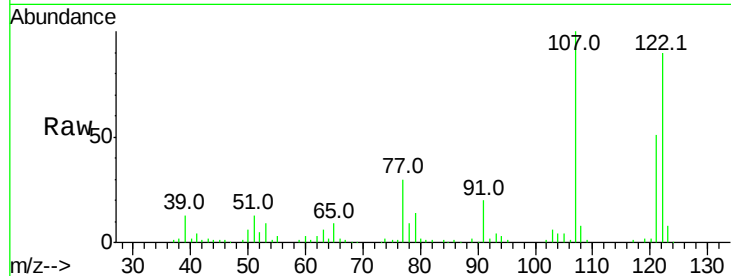
#27
2,4-Dimethylphenol
Concen: 13.800 ng
RT: 7.67 min Scan# 949
Delta R.T. 0.01 min
Lab File: BF102001.D
Acq: 11 Jan 2018 1:17

Instrument :
BNA_F
ClientSampleId :
WC-53-01MSD

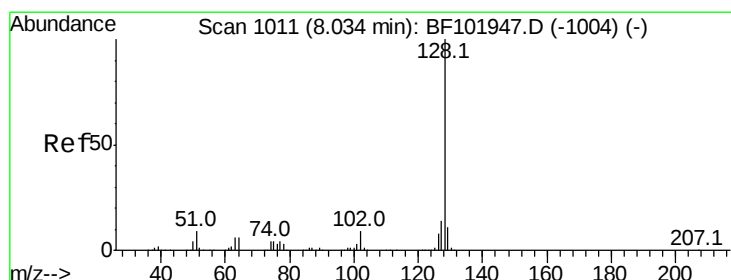
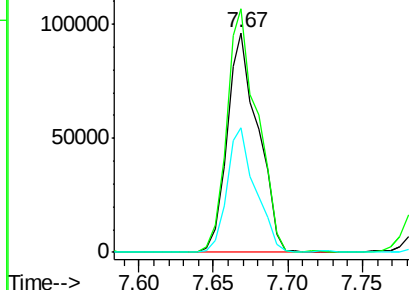
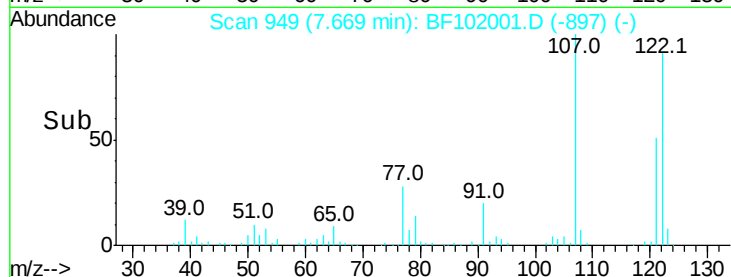
Tot Ion	Ratio	Lower	Upper
122	100		
107	110.7	91.2	136.8
121	56.6	47.2	70.8

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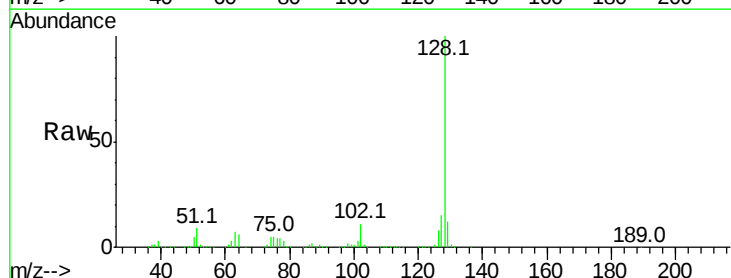


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

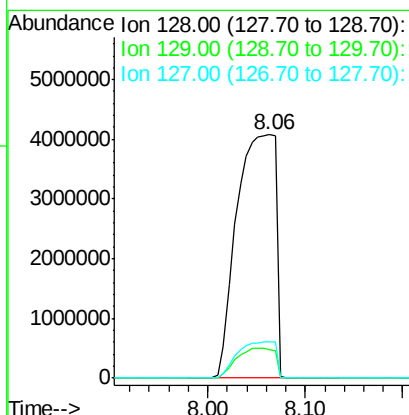
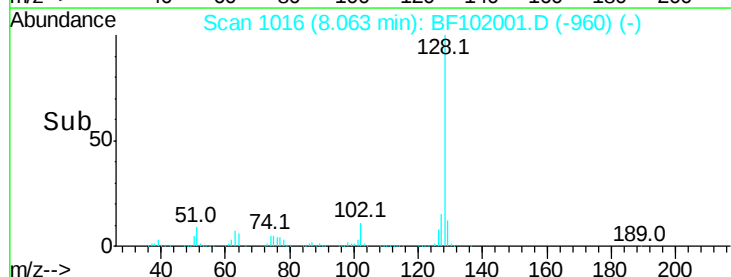


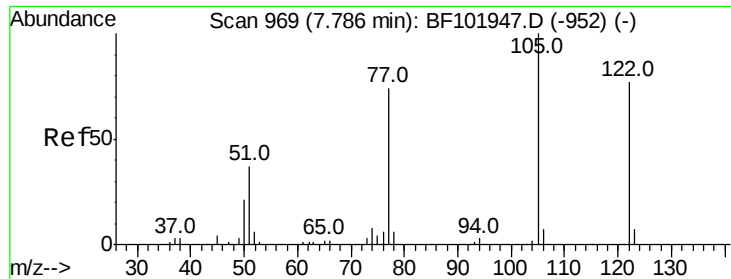
#31
Naphthalene
Concen: 320.720 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.03 min
Lab File: BF102001.D
Acq: 11 Jan 2018 1:17

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.8	13.2
127	14.9	10.9	16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 15.897 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.02 min

Lab File: BF102001.D

Acq: 11 Jan 2018 1:17

Instrument :

BNA_F

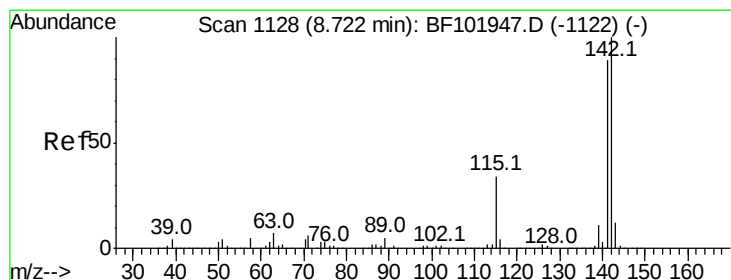
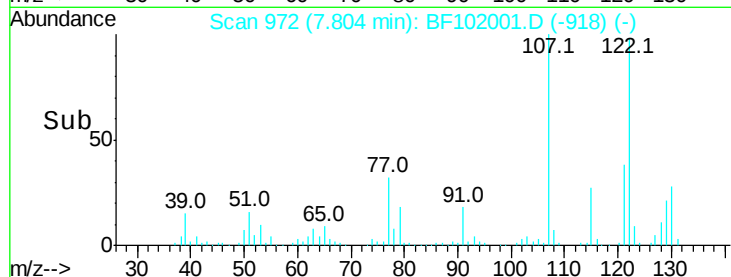
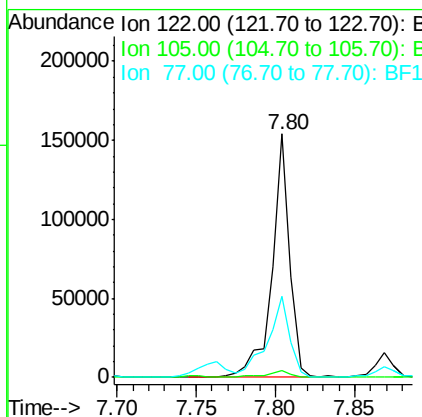
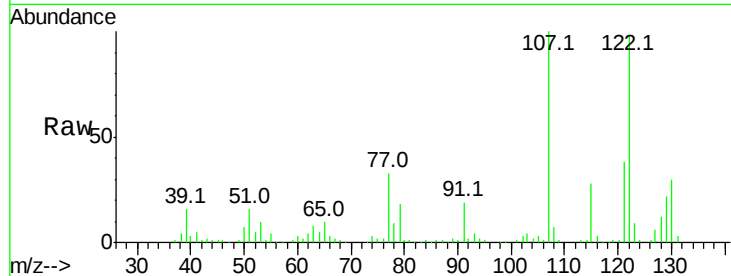
ClientSampleId :

WC-53-01MSD

Tot Ion	Ratio	Lower	Upper
122	100		
105	3.0	101.1	141.1#
77	33.1	70.7	110.7#

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#37

2-Methylnaphthalene

Concen: 100.496 ng

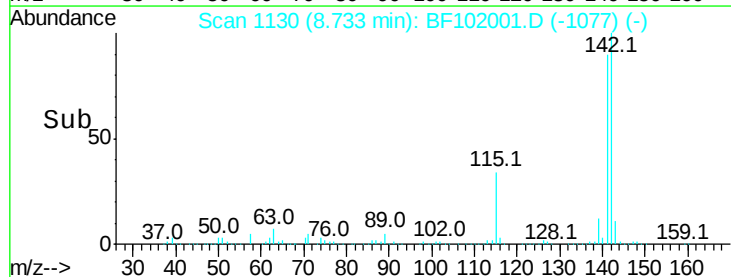
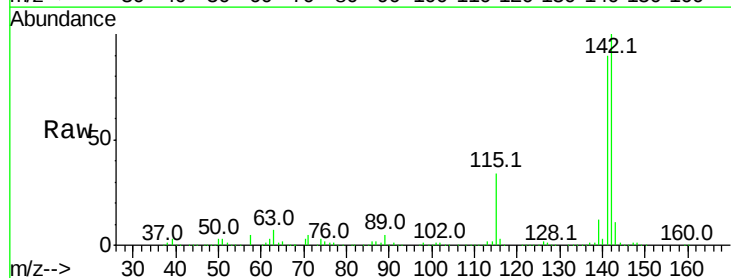
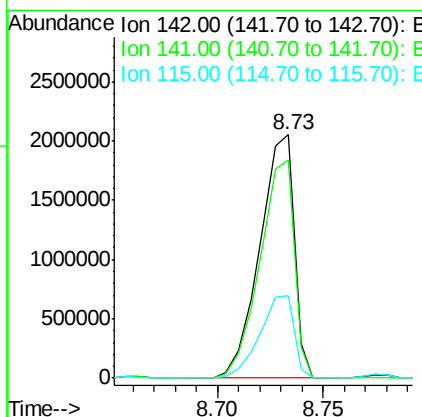
RT: 8.73 min Scan# 1130

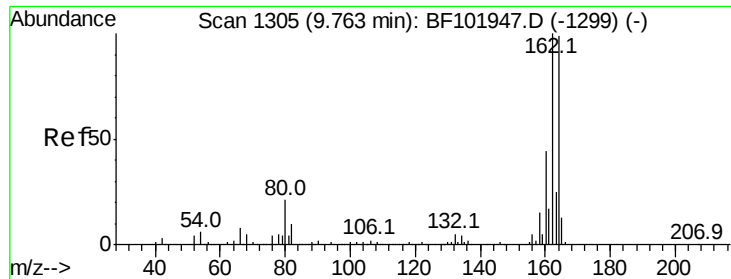
Delta R.T. 0.01 min

Lab File: BF102001.D

Acq: 11 Jan 2018 1:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.8	106.2
115	33.8	26.1	39.1





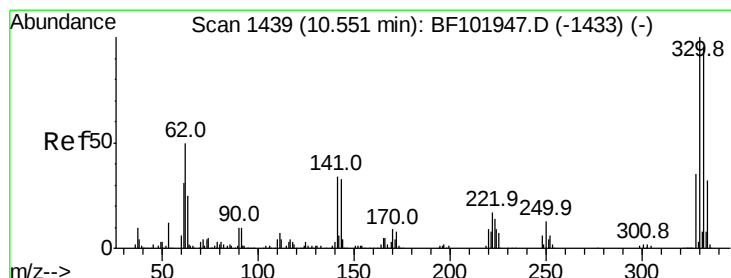
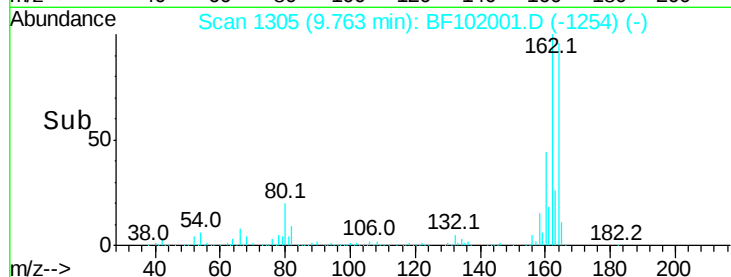
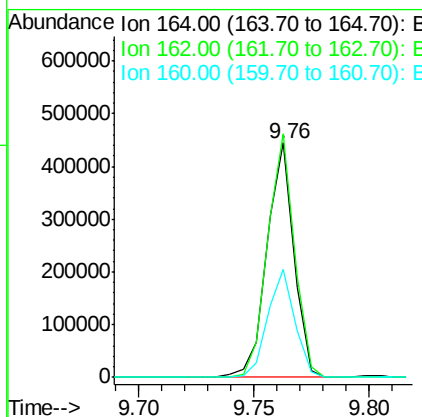
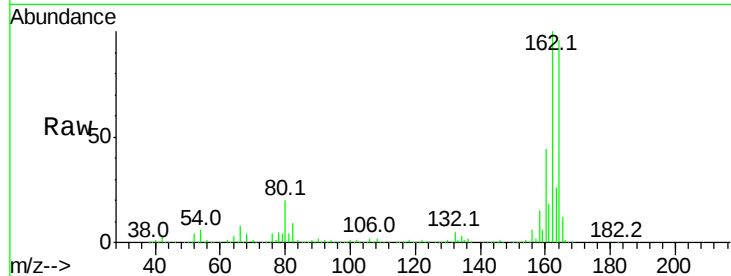
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF102001.D
Acq: 11 Jan 2018 1:17

Instrument :
BNA_F
ClientSampleId :
WC-53-01MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	45.8	38.3	57.5

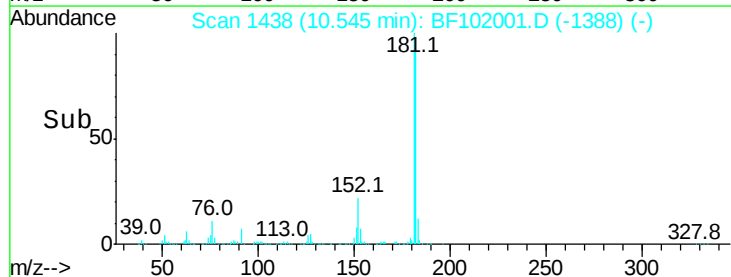
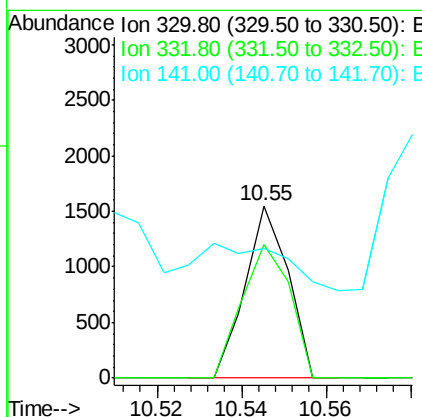
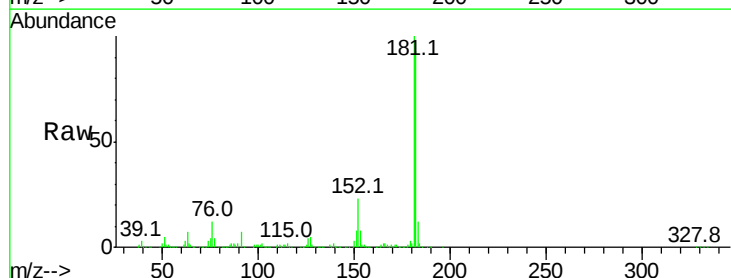
Manual Integrations
APPROVED

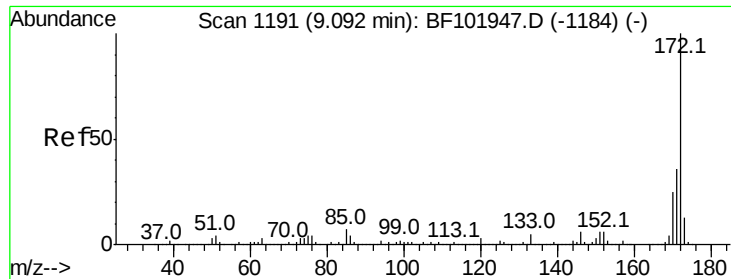
Sohil
1/11/2018 10:53:30 AM



#41
2,4,6-Tribromophenol
Concen: 0.347 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF102001.D
Acq: 11 Jan 2018 1:17

Tgt Ion	Ratio	Lower	Upper
330	100		
332	86.9	77.0	115.6
141	0.0	29.9	44.9#





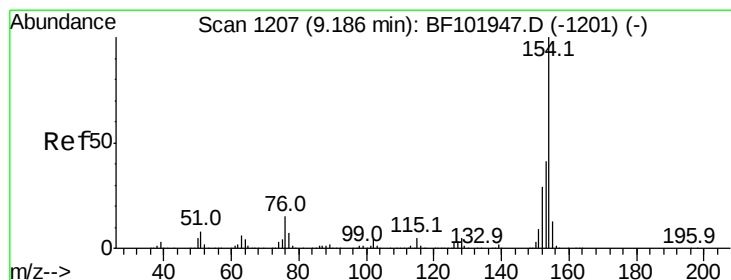
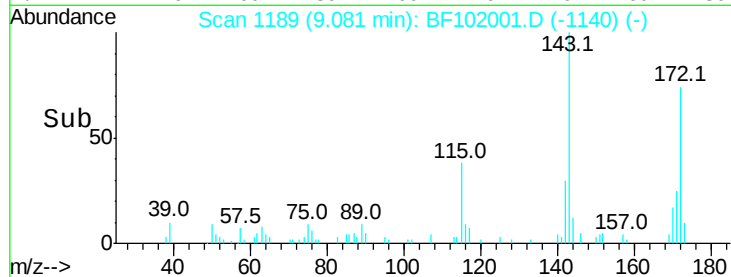
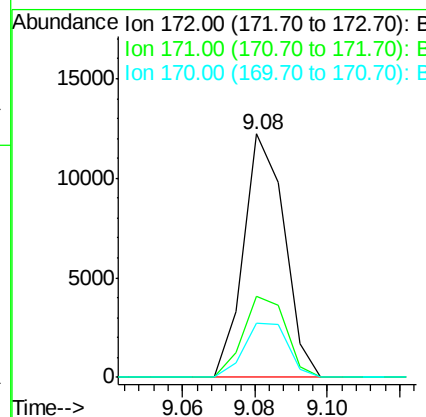
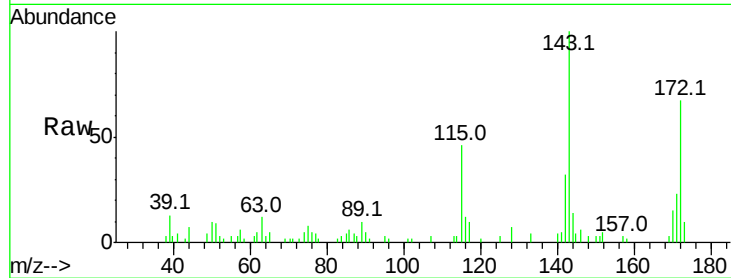
#44
2-Fluorobiphenyl
Concen: 0.412 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102001.D
Acq: 11 Jan 2018 1:17

Instrument :
BNA_F
ClientSampleId :
WC-53-01MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.4	29.7	44.5
170	22.4	19.6	29.4

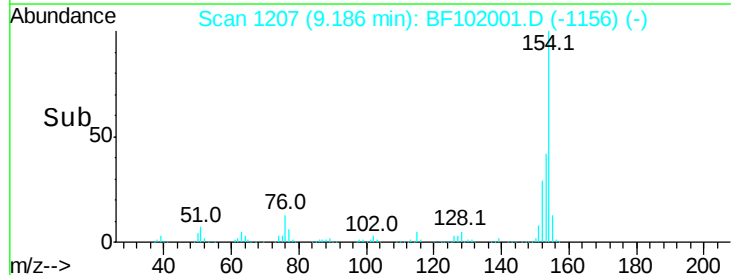
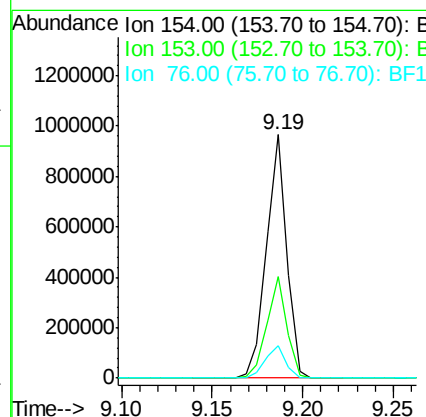
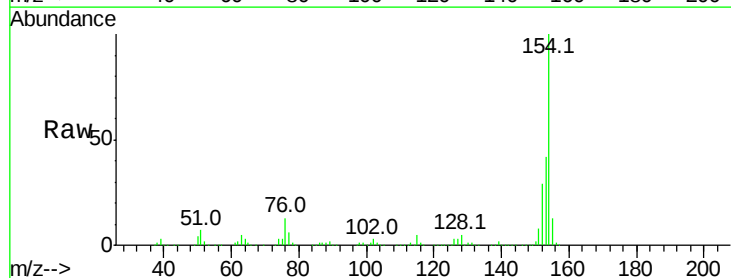
Manual Integrations
APPROVED

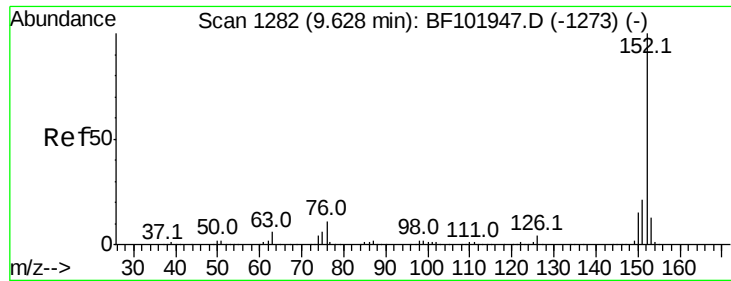
Sohil
1/11/2018 10:53:30 AM



#45
1,1'-Biphenyl
Concen: 23.600 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF102001.D
Acq: 11 Jan 2018 1:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	21.3	61.3
76	13.2	0.0	34.0





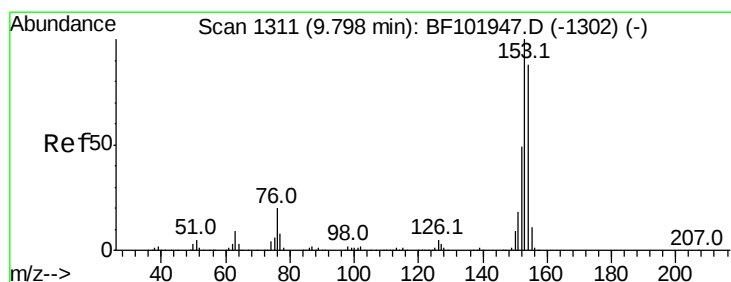
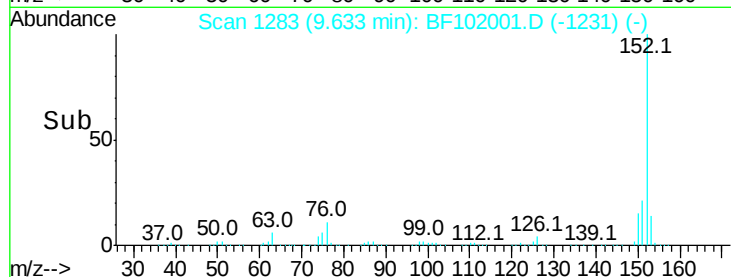
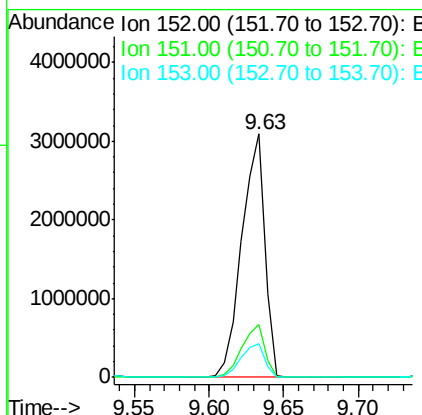
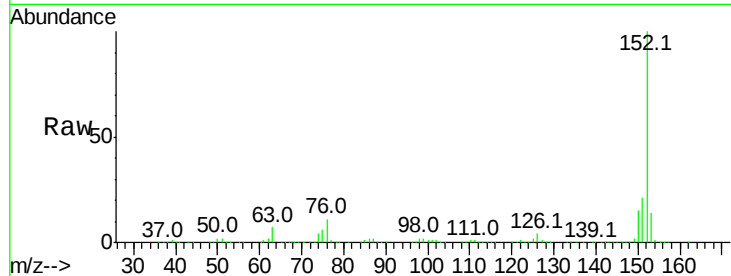
#48
Acenaphthylene
Concen: 84.374 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BF102001.D
Acq: 11 Jan 2018 1:17

Instrument :
BNA_F
ClientSampleId :
WC-53-01MSD

Tot Ion:152 Resp: 3317786
Ion Ratio Lower Upper
152 100
151 21.5 16.3 24.5
153 14.0 10.7 16.1

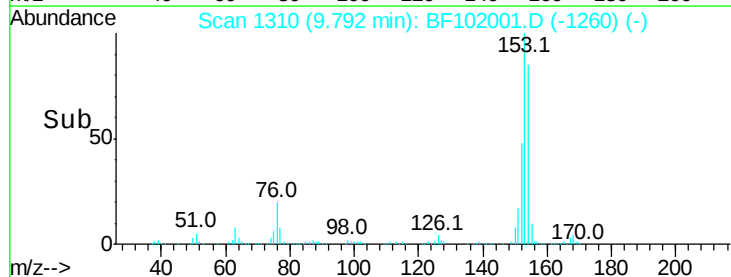
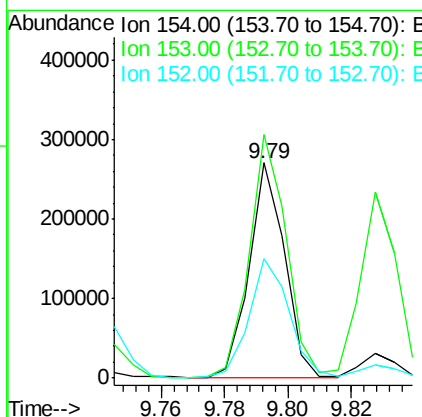
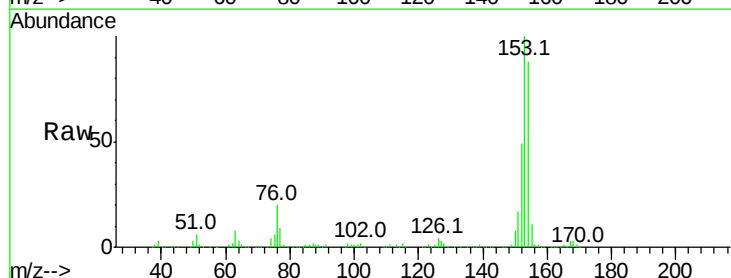
Manual Integrations
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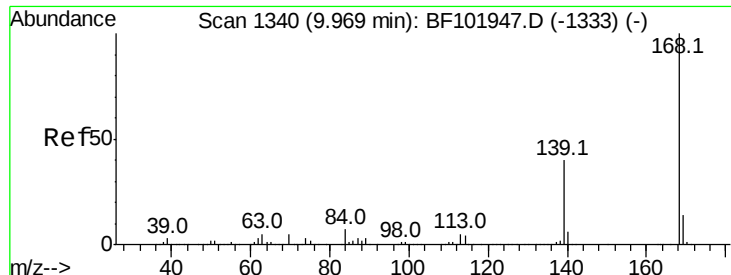
Sohil
1/11/2018 10:53:30 AM



#51
Acenaphthene
Concen: 8.697 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF102001.D
Acq: 11 Jan 2018 1:17

Tgt Ion:154 Resp: 207578
Ion Ratio Lower Upper
154 100
153 113.2 91.2 136.8
152 55.5 43.8 65.8





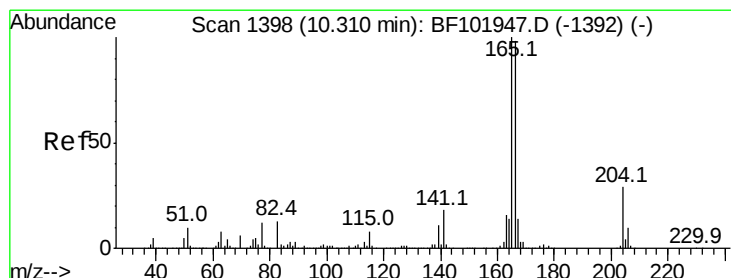
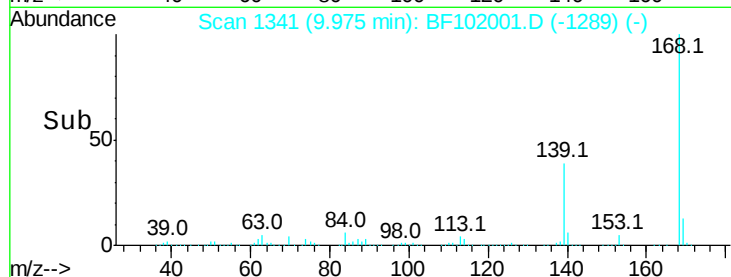
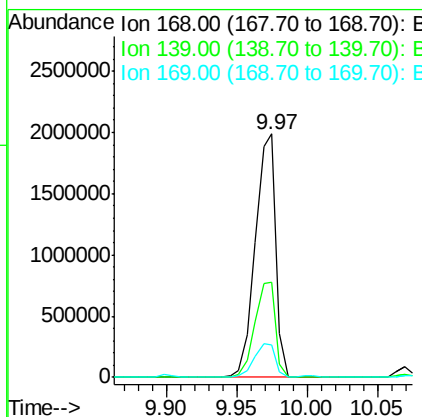
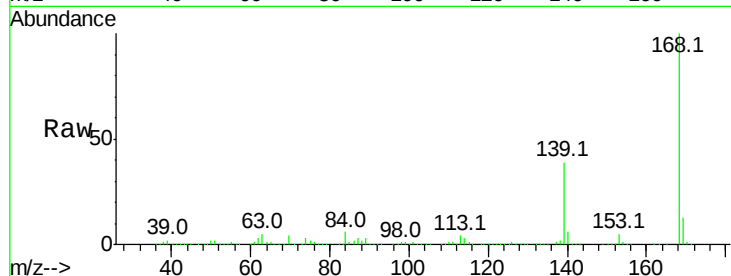
#54
Dibenzenofuran
Concen: 62.112 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF102001.D
Acq: 11 Jan 2018 1:17

Instrument :
BNA_F
ClientSampleId :
WC-53-01MSD

Tot Ion:168 Resp: 2034528
Ion Ratio Lower Upper
168 100
139 39.2 30.1 45.1
169 13.4 10.9 16.3

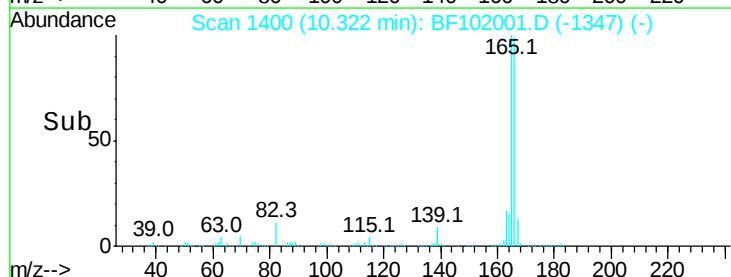
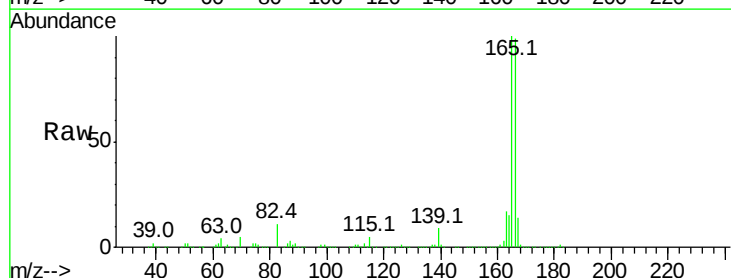
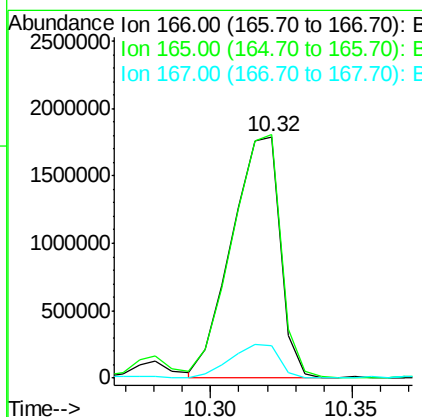
Manual Integrations
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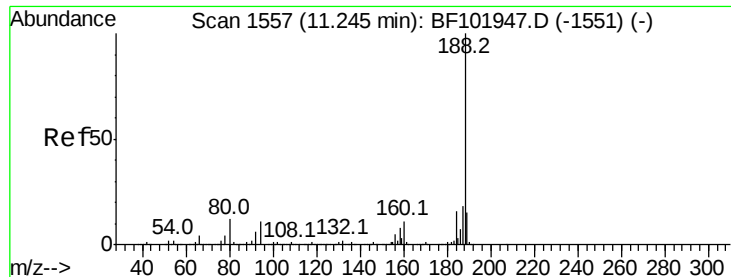
Sohil
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#57
Fluorene
Concen: 93.865 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF102001.D
Acq: 11 Jan 2018 1:17

Tgt Ion:166 Resp: 2125473
Ion Ratio Lower Upper
166 100
165 100.9 79.8 119.8
167 13.7 10.6 16.0





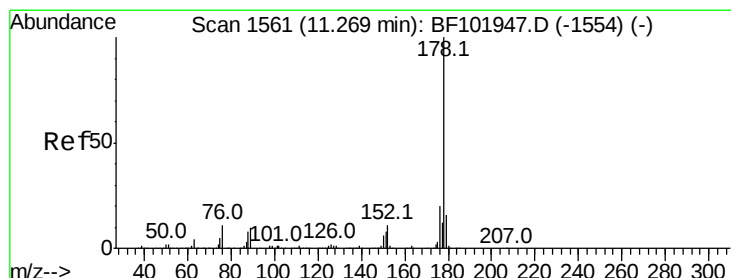
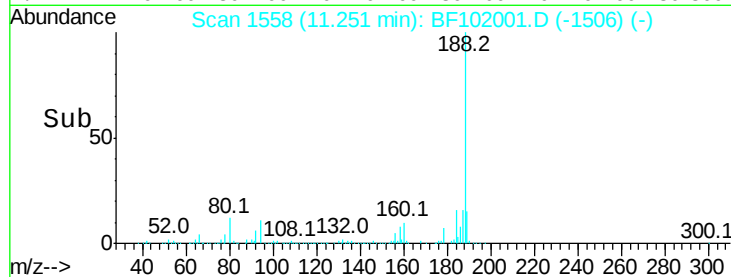
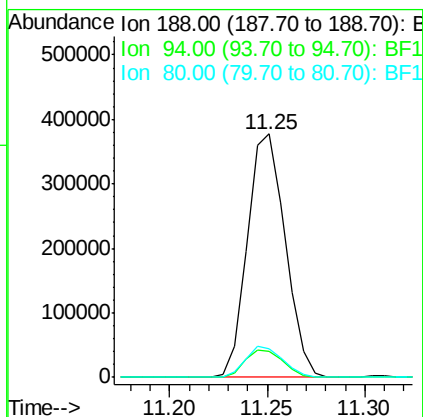
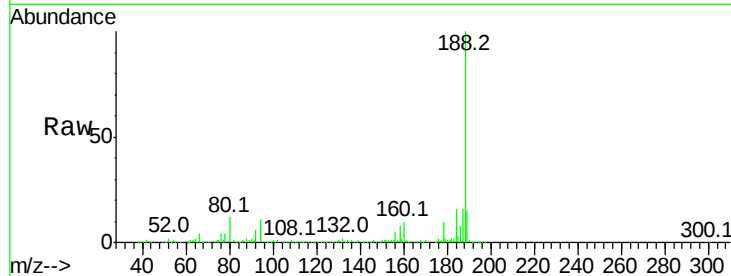
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF102001.D
Acq: 11 Jan 2018 1:17

Instrument :
BNA_F
ClientSampleId :
WC-53-01MSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.9	9.2	13.8

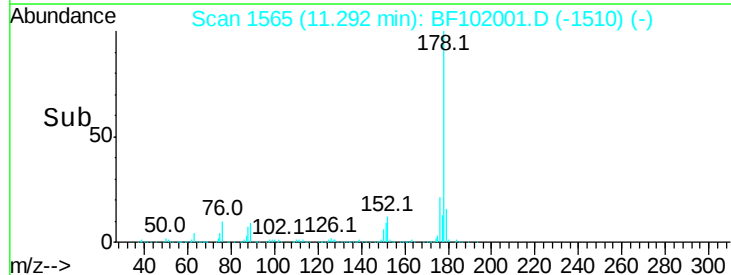
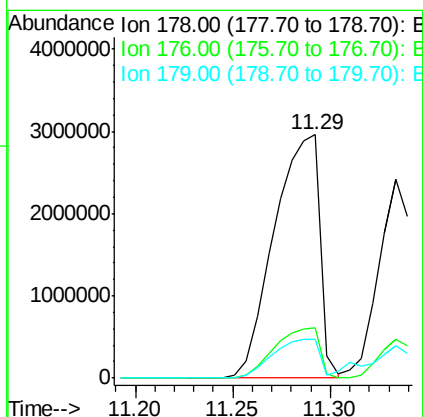
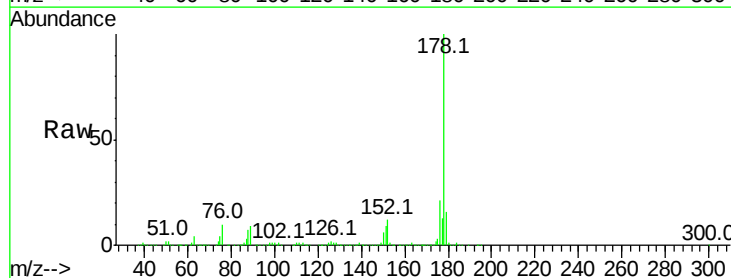
Manual Integrations
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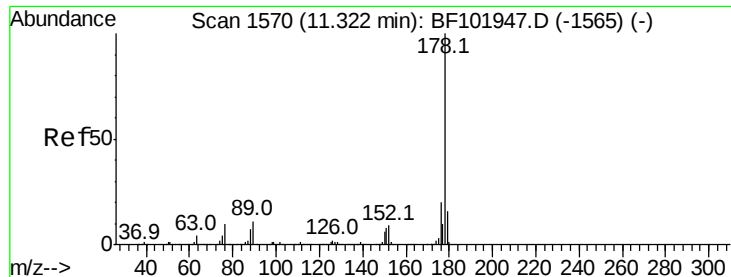
Sohil
1/11/2018 10:53:30 AM



#70
Phenanthrene
Concen: 160.802 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.02 min
Lab File: BF102001.D
Acq: 11 Jan 2018 1:17

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	20.9	15.8	23.8
179	15.8	13.0	19.6





#71

Anthracene

Concen: 88.756 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.01 min

Lab File: BF102001.D

Acq: 11 Jan 2018 1:17

Instrument :

BNA_F

ClientSampleId :

WC-53-01MSD

Tot Ion:178 Resp: 2667560

Ion Ratio Lower Upper

178 100

176 19.8 15.4 23.2

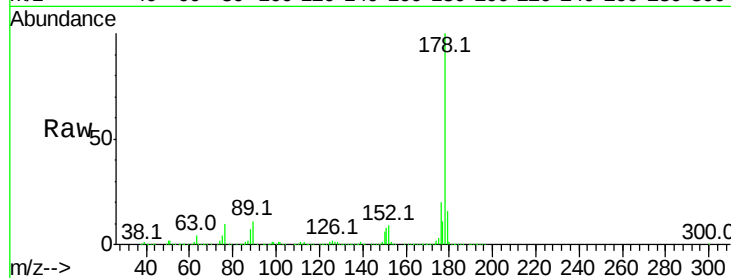
179 16.2 12.6 19.0

Manual Integrations

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Sohil

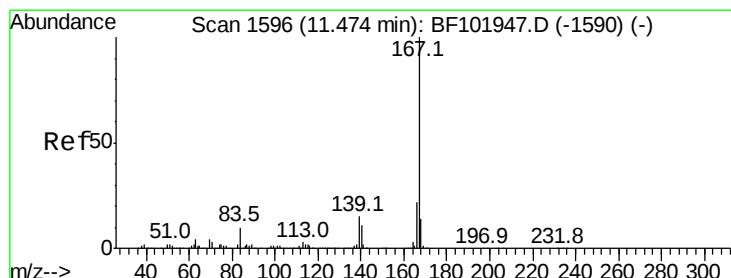
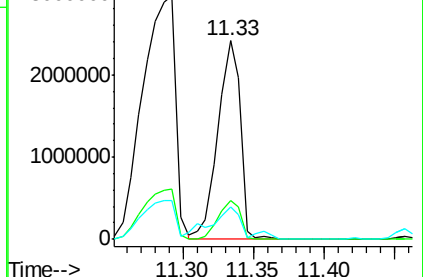
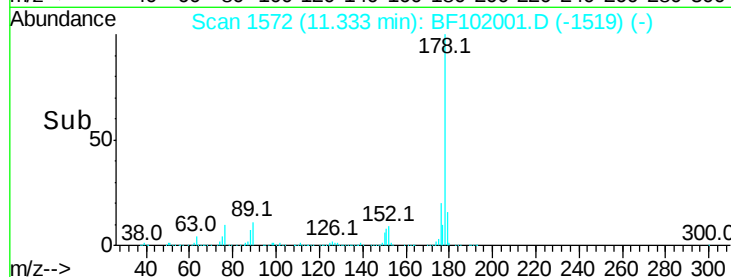
1/11/2018 10:53:30 AM



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: 36.536 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF102001.D

Acq: 11 Jan 2018 1:17

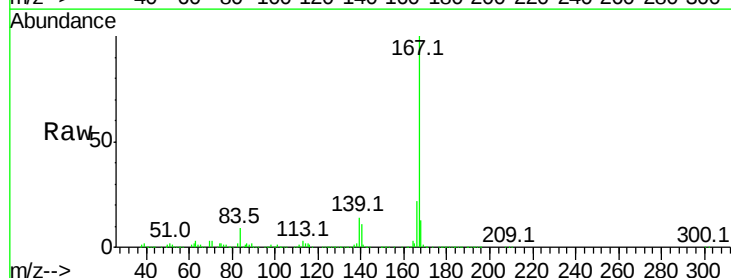
Tgt Ion:167 Resp: 1079317

Ion Ratio Lower Upper

167 100

166 21.8 17.6 26.4

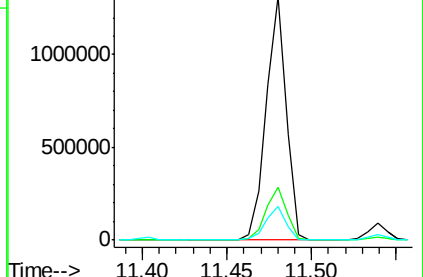
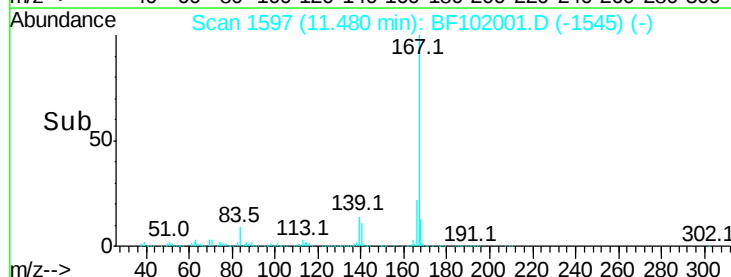
139 14.0 10.9 16.3

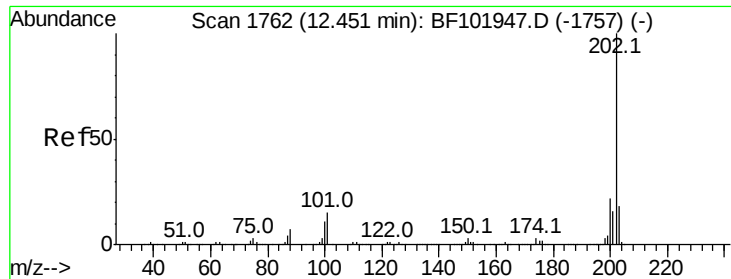


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 104.648 ng

RT: 12.47 min Scan# 1765

Delta R.T. 0.02 min

Lab File: BF102001.D

Acq: 11 Jan 2018 1:17

Instrument :

BNA_F

ClientSampleId :

WC-53-01MSD

Tot Ion:202 Resp: 3051144

Ion Ratio Lower Upper

202 100

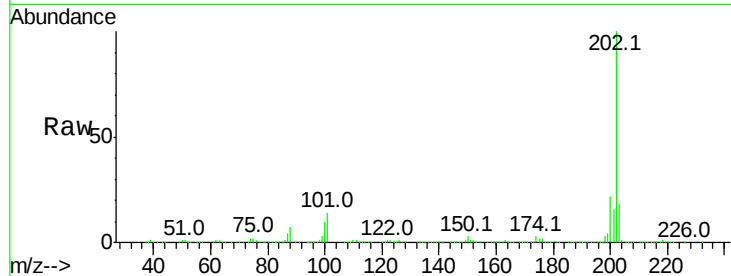
101 14.0 0.0 34.1

203 17.8 0.0 38.1

Manual Integrations
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Sohil

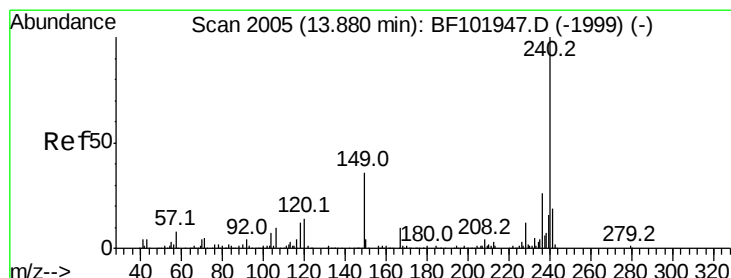
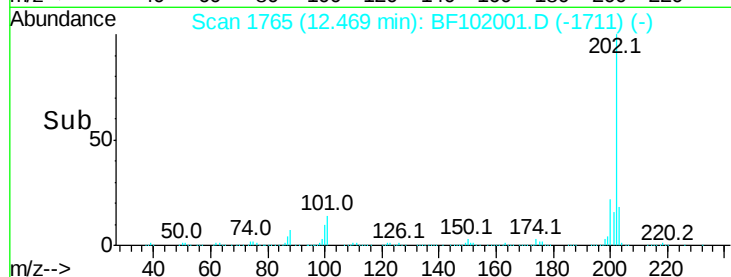
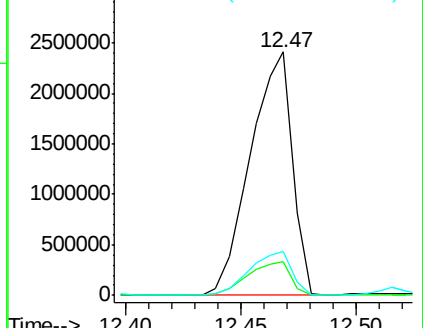
1/11/2018 10:53:30 AM



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: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF102001.D

Acq: 11 Jan 2018 1:17

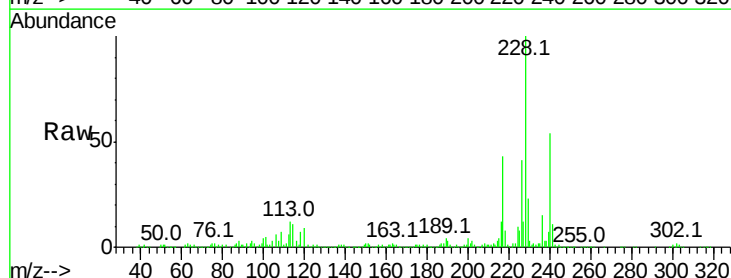
Tgt Ion:240 Resp: 287718

Ion Ratio Lower Upper

240 100

120 16.5 9.5 14.3#

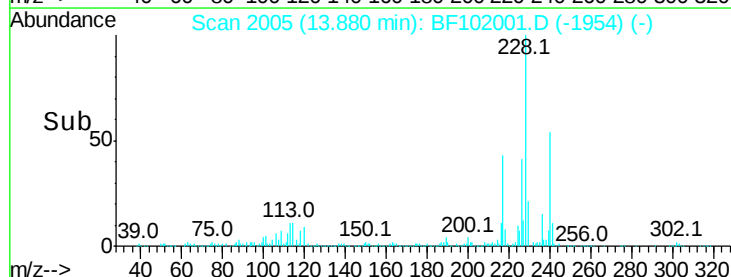
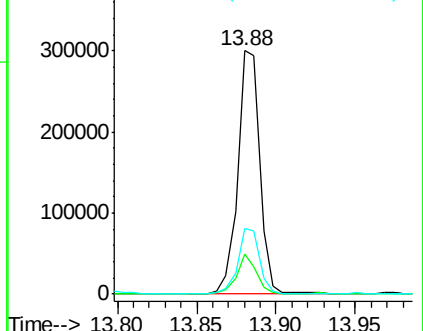
236 27.2 20.7 31.1

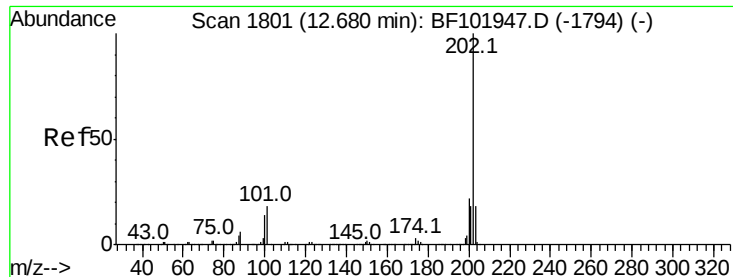


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 94.570 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.01 min

Lab File: BF102001.D

Acq: 11 Jan 2018 1:17

Instrument :

BNA_F

ClientSampleId :

WC-53-01MSD

Tot Ion:202 Resp: 2405156

Ion Ratio Lower Upper

202 100

200 22.9 17.4 26.2

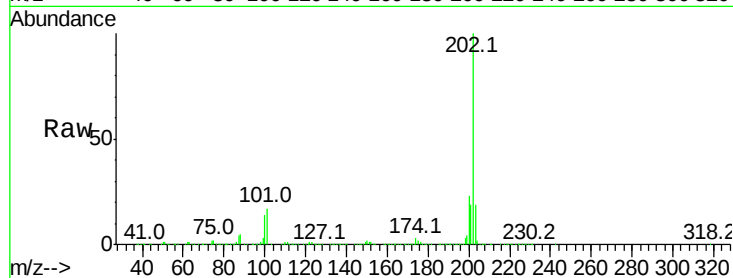
203 18.6 14.3 21.5

Manual Integrations

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Sohil

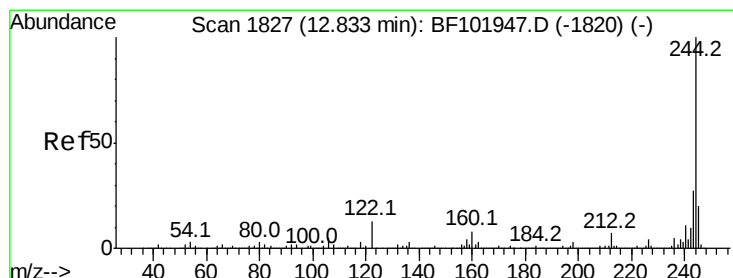
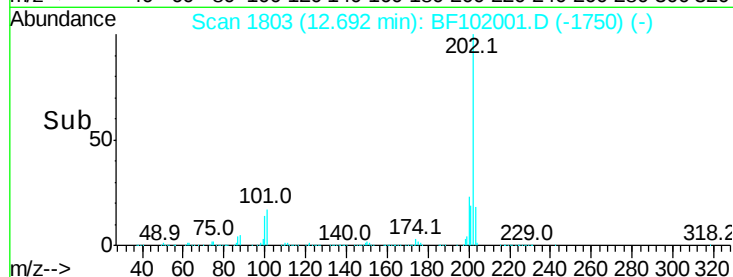
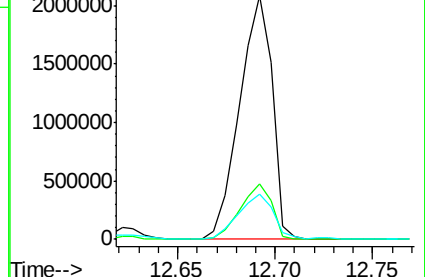
1/11/2018 10:53:30 AM



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



#78

Terphenyl-d14

Concen: 0.563 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF102001.D

Acq: 11 Jan 2018 1:17

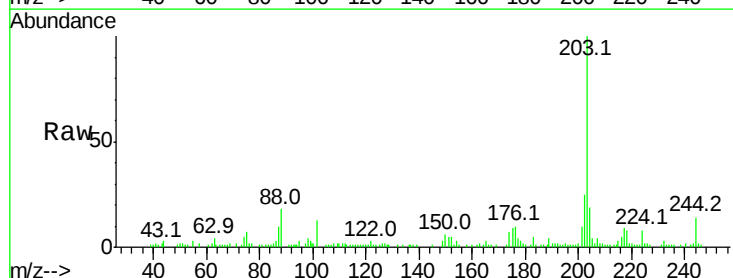
Tgt Ion:244 Resp: 7808

Ion Ratio Lower Upper

244 100

212 9.5 5.4 8.0#

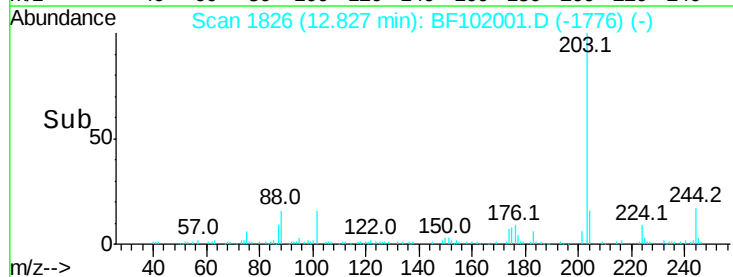
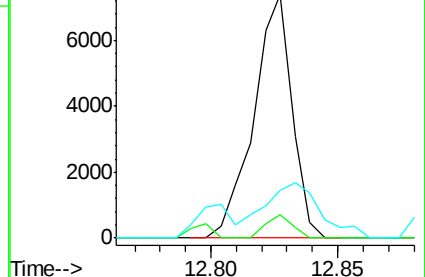
122 19.9 11.0 16.4#

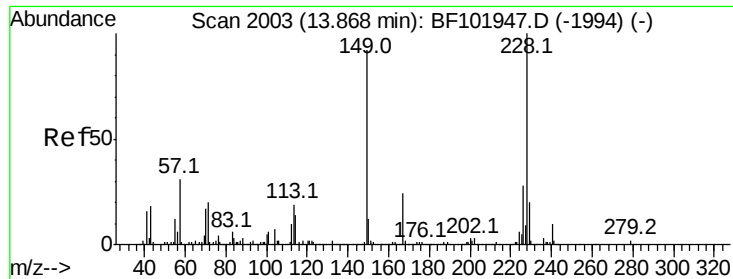


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 66.794 ng/mL

RT: 13.87 min Scan# 2004

Delta R.T. 0.01 min

Lab File: BF102001.D

Acq: 11 Jan 2018 1:17

Instrument :

BNA_F

ClientSampleId :

WC-53-01MSD

Tot Ion:228 Resp: 1226144

Ion Ratio Lower Upper

228 100

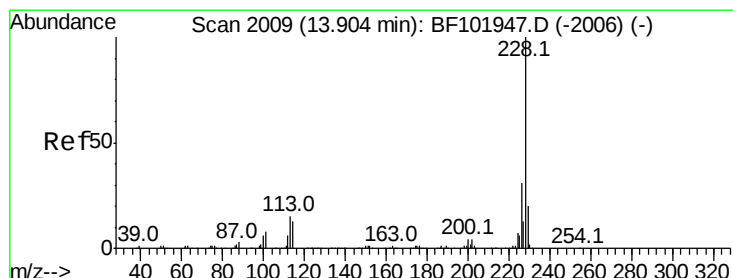
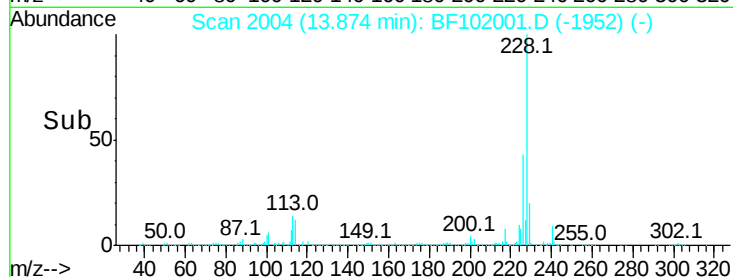
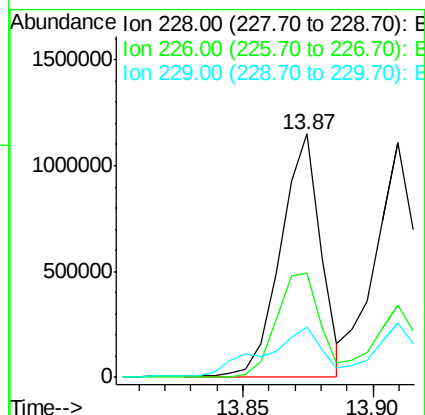
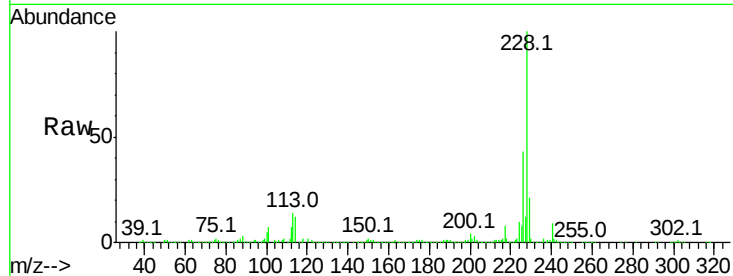
226 42.7 22.6 33.8#

229 20.6 15.8 23.6

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#82

Chrysene

Concen: 59.321 ng/mL

RT: 13.91 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF102001.D

Acq: 11 Jan 2018 1:17

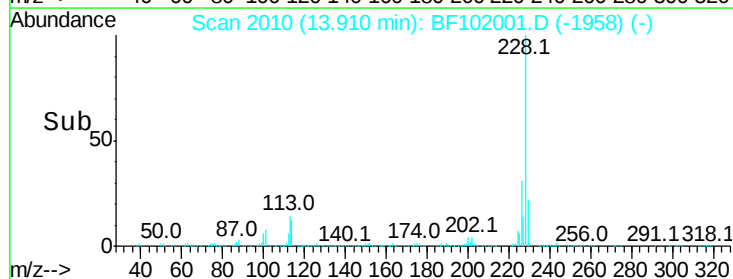
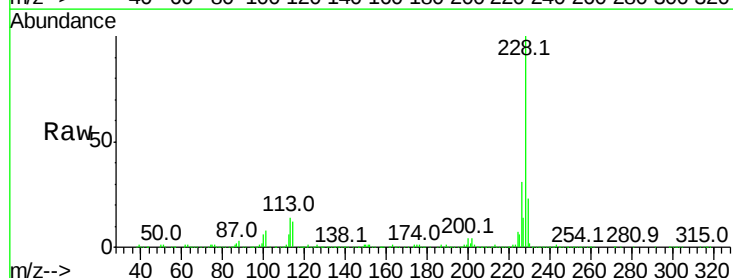
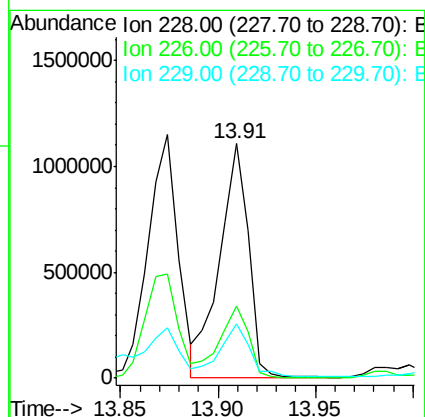
Tgt Ion:228 Resp: 1135490

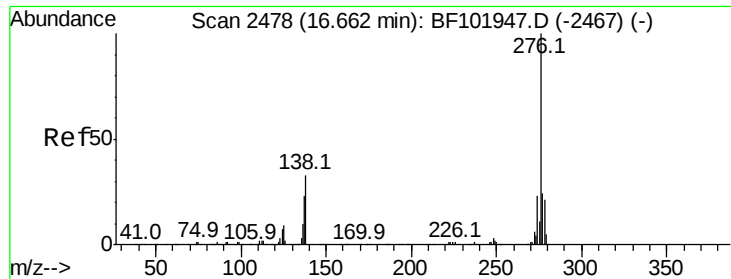
Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.6

229 23.2 16.2 24.4





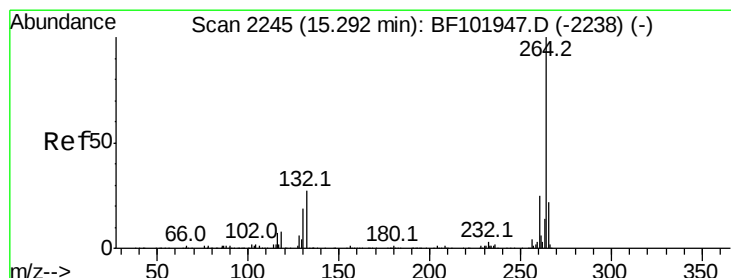
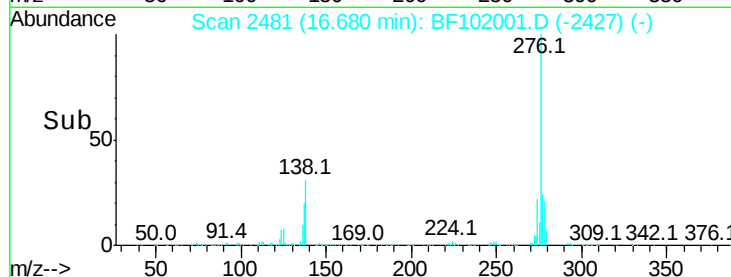
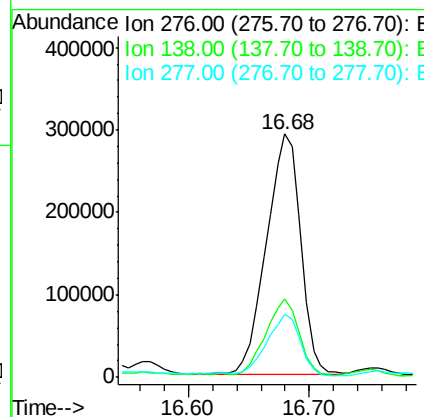
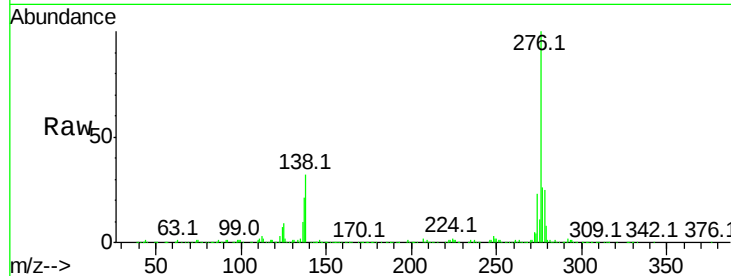
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.517 ng
RT: 16.68 min Scan# 2481
Delta R.T. 0.02 min
Lab File: BF102001.D
Acq: 11 Jan 2018 1:17

Instrument :
BNA_F
ClientSampleId :
WC-53-01MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.8	25.0	37.6
277	25.6	20.1	30.1

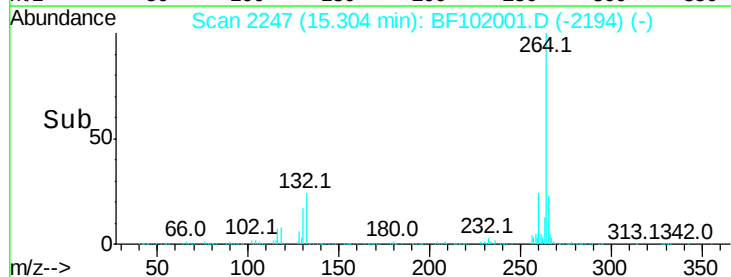
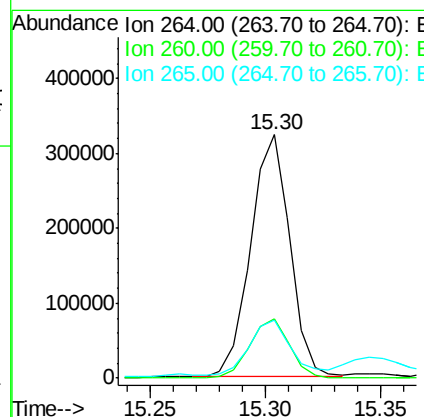
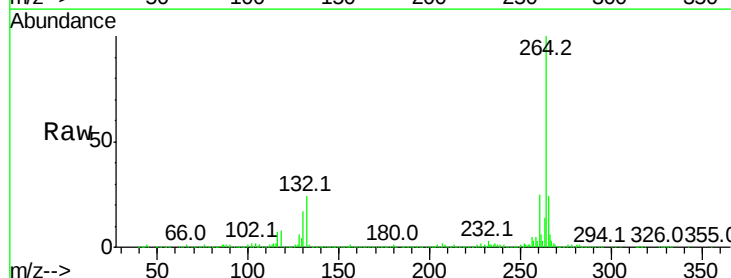
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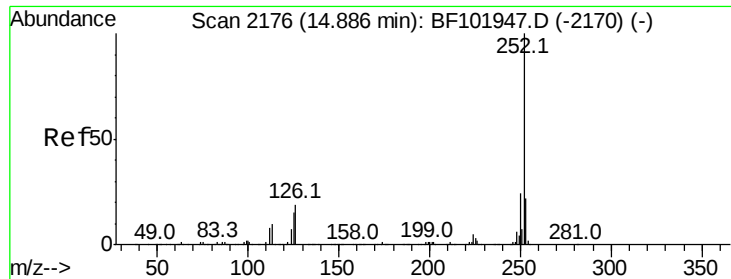
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.01 min
Lab File: BF102001.D
Acq: 11 Jan 2018 1:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	23.9	17.5	26.3





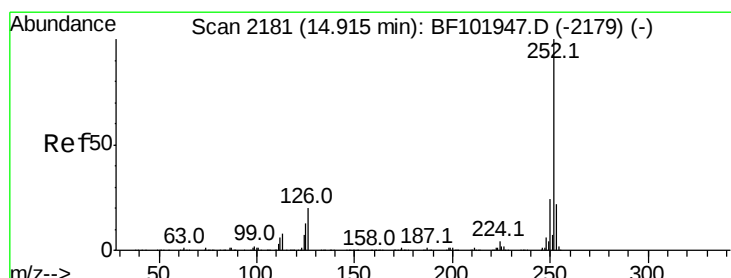
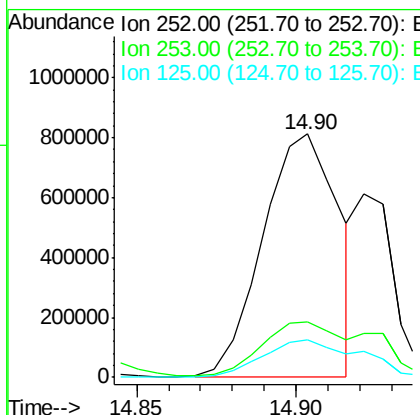
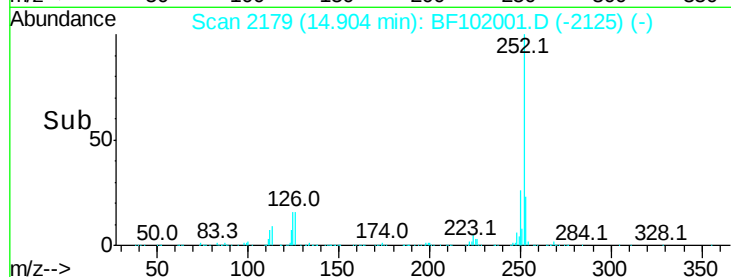
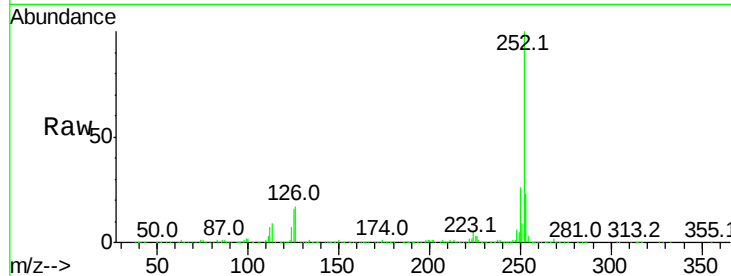
#87
Benzo(b)fluoranthene
Concen: 53.525 ng m
RT: 14.90 min Scan# 2179
Delta R.T. 0.02 min
Lab File: BF102001.D
Acq: 11 Jan 2018 1:17

Instrument :
BNA_F
ClientSampleId :
WC-53-01MSD

Tot Ion:252 Resp: 1334788
Ion Ratio Lower Upper
252 100
253 23.0 17.0 25.6
125 15.6 9.0 13.6#

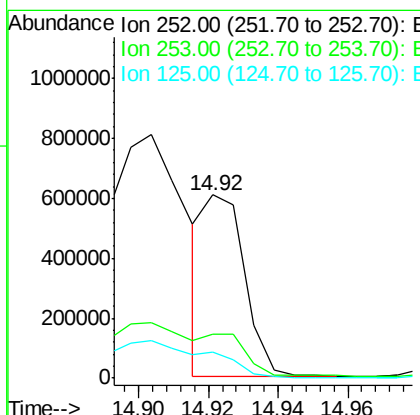
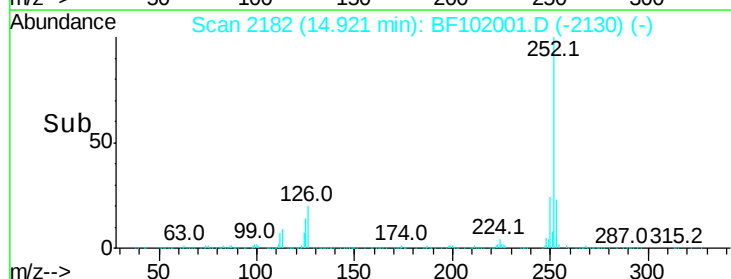
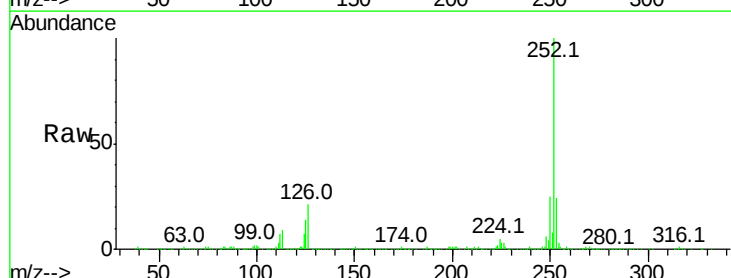
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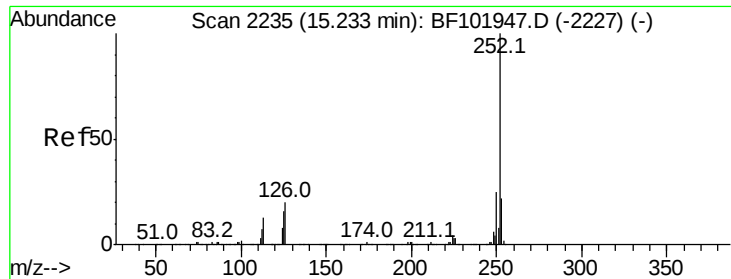
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#88
Benzo(k)fluoranthene
Concen: 20.384 ng m
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF102001.D
Acq: 11 Jan 2018 1:17

Tgt Ion:252 Resp: 490364
Ion Ratio Lower Upper
252 100
253 23.9 17.9 26.9
125 14.0 10.2 15.2





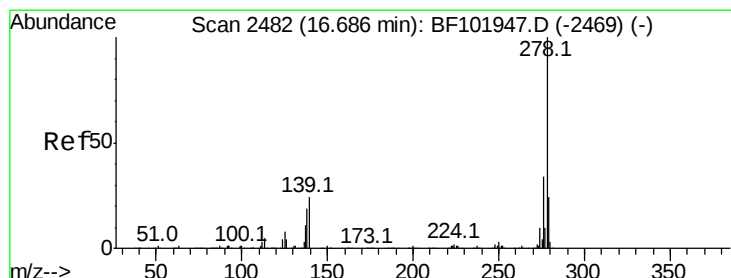
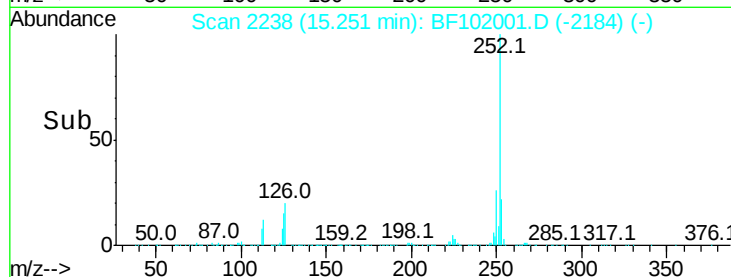
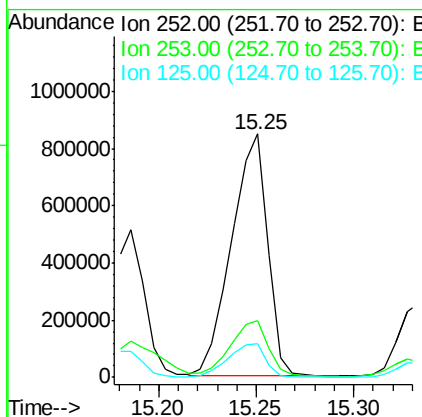
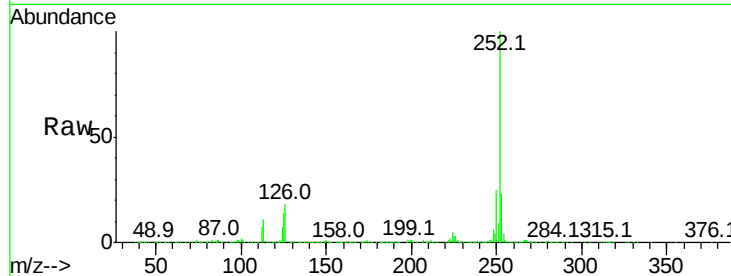
#89
Benzo(a)pyrene
Concen: 48.579 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.02 min
Lab File: BF102001.D
Acq: 11 Jan 2018 1:17

Instrument :
BNA_F
ClientSampleId :
WC-53-01MSD

Tot Ion:252 Resp: 1090136
Ion Ratio Lower Upper
252 100
253 23.4 17.1 25.7
125 13.8 9.8 14.6

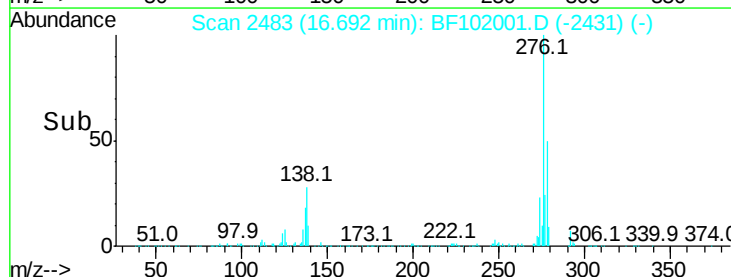
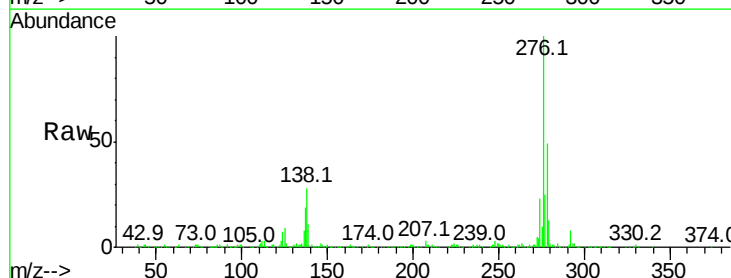
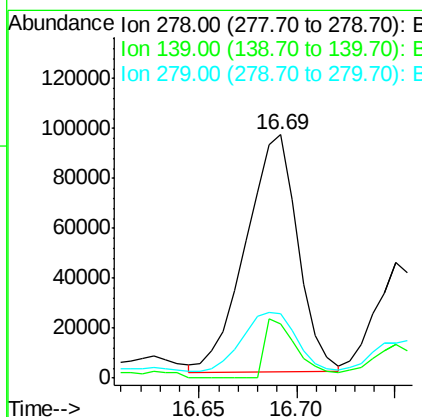
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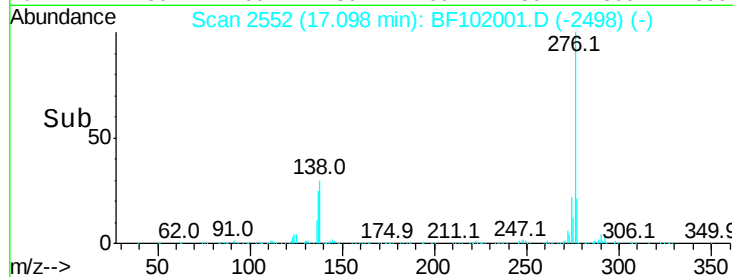
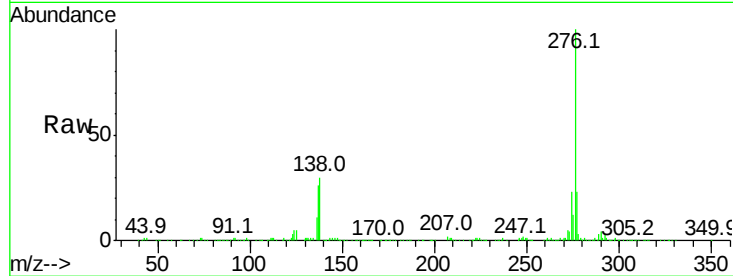
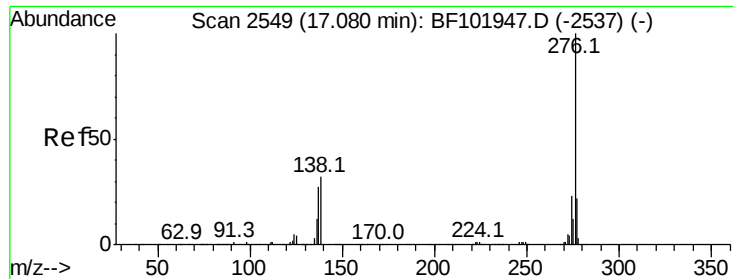
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#90
Dibenzo(a,h)anthracene
Concen: 9.818 ng
RT: 16.69 min Scan# 2483
Delta R.T. 0.01 min
Lab File: BF102001.D
Acq: 11 Jan 2018 1:17

Tgt Ion:278 Resp: 175816
Ion Ratio Lower Upper
278 100
139 22.4 15.9 23.9
279 26.5 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 26.783 ng

RT: 17.10 min Scan# 2552

Delta R.T. 0.02 min

Lab File: BF102001.D

Acq: 11 Jan 2018 1:17

Tot Ion:	276	Resp:	483146
Ion Ratio	Lower	Upper	
276	100		
277	23.2	17.9	26.9
138	30.4	21.8	32.8

Instrument :

BNA_F

ClientSampleId :

WC-53-01MSD

Manual Integrations
APPROVED

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1/11/2018 10:53:30 AM

