

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF012318\
 Data File : BF102342.D
 Acq On : 23 Jan 2018 13:39
 Operator : SJ/JU
 Sample : J1239-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-42-01

Manual Integrations
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Sohil
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Quant Time: Jan 24 11:34:14 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	163563	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	571763	20.00	ng	0.01
38) Acenaphthene-d10	9.75	164	309266	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	519604	20.00	ng	0.00
75) Chrysene-d12	13.87	240	402238	20.00	ng	0.00
86) Perylene-d12	15.30	264	301346	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1233981	114.39	ng	0.02
7) Phenol-d6	6.38	99	1195795	91.95	ng	0.02
23) Nitrobenzene-d5	7.30	82	1020115	102.53	ng	0.01
41) 2,4,6-Tribromophenol	10.55	330	361312	117.91	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1766015	83.96	ng	0.00
78) Terphenyl-d14	12.83	244	1597755	89.55	ng	0.00
Target Compounds						
3) Pyridine	3.24	79	99294m	7.413	ng	Qvalue
10) Phenol	6.42	94	4397202	309.708	ng	96
17) 2-Methylphenol	6.99	107	1036109	105.502	ng	98
20) 3+4-Methylphenols	7.17	107	3238030	280.342	ng	87
27) 2,4-Dimethylphenol	7.67	122	854729	109.843	ng	96
31) Naphthalene	8.05	128	7875740	275.884	ng	98
37) 2-Methylnaphthalene	8.72	142	477988	25.142	ng	97
45) 1,1'-Biphenyl	9.17	154	95378	3.449	ng	96
48) Acenaphthylene	9.62	152	785003	23.442	ng	98
51) Acenaphthene	9.78	154	65759	3.362	ng	96
54) Dibenzofuran	9.96	168	249915	9.442	ng	98
57) Fluorene	10.30	166	227110	10.828	ng	96
70) Phenanthrene	11.26	178	253698	8.379	ng	99
72) Carbazole	11.47	167	803463	26.649	ng	99

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

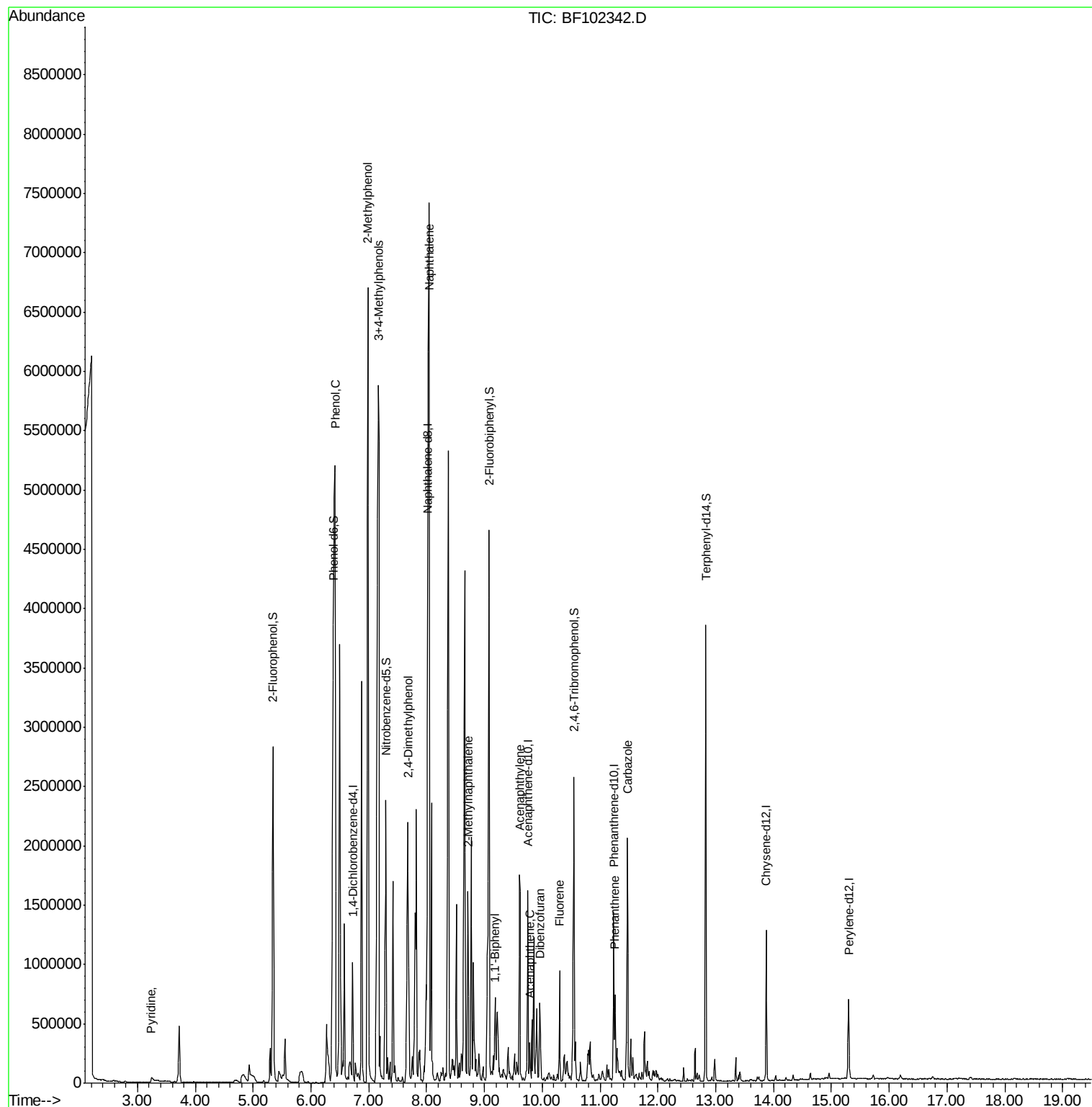
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Data File : BF102342.D
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ALS Vial : 10 Sample Multiplier: 1

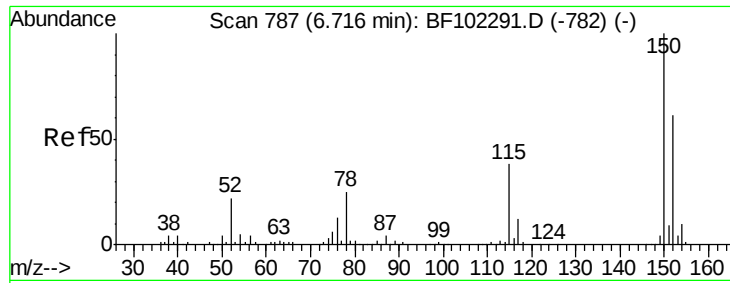
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
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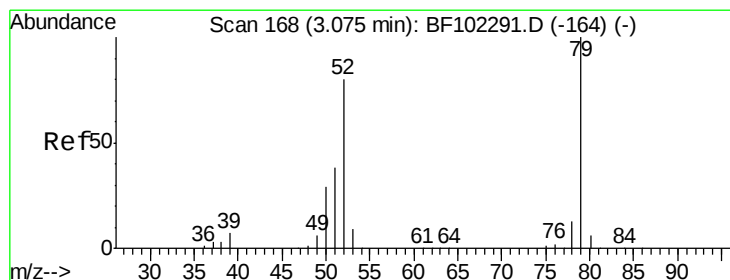
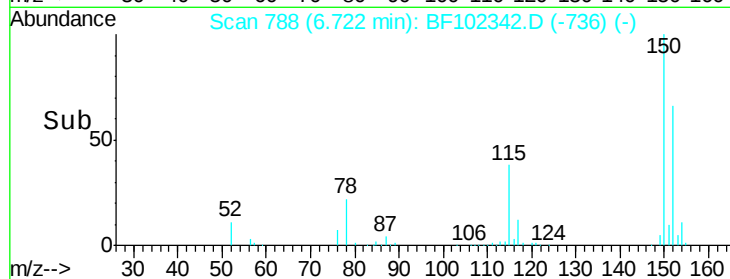
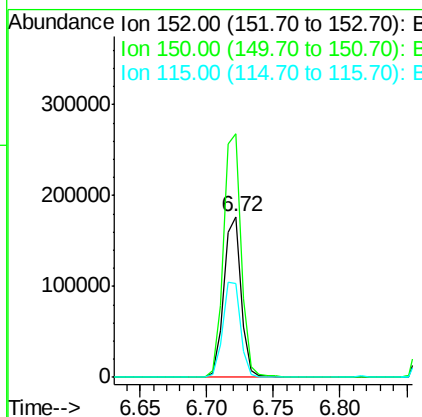
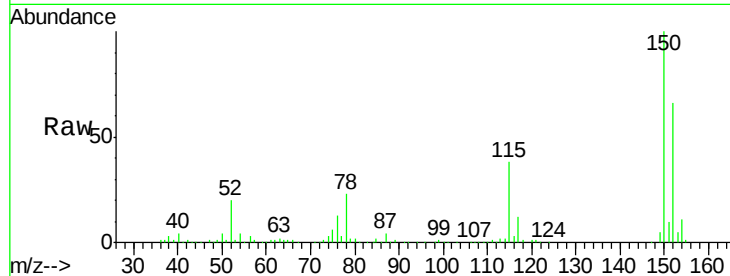
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.01 min
 Lab File: BF102342.D
 Acq: 23 Jan 2018 13:39

Instrument :
 BNA_F
 ClientSampleId :
 WC-42-01

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	163563		
150	151.3	124.6	186.8	
115	58.2	50.1	75.1	

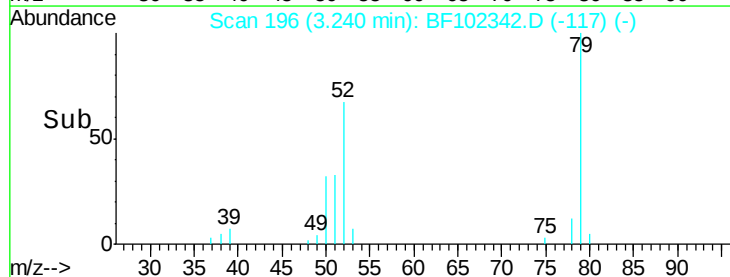
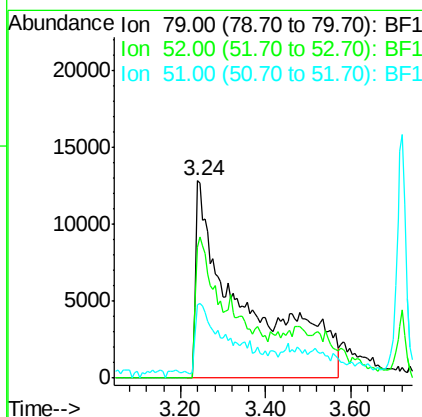
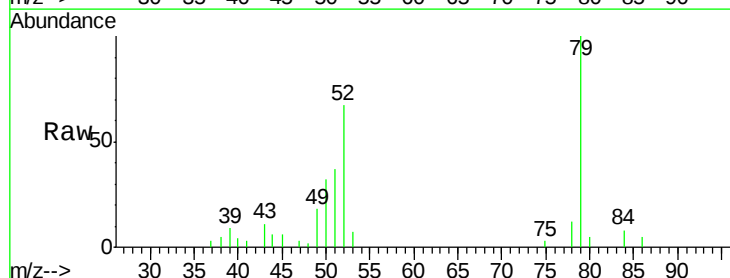
Manual Integrations
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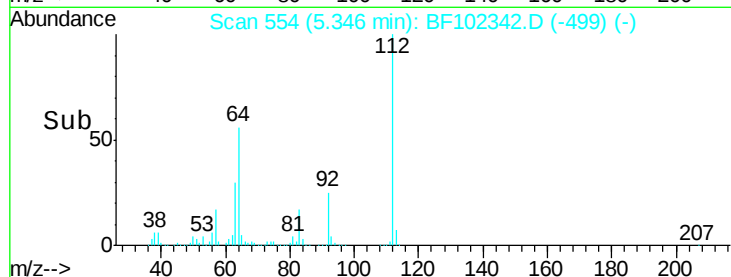
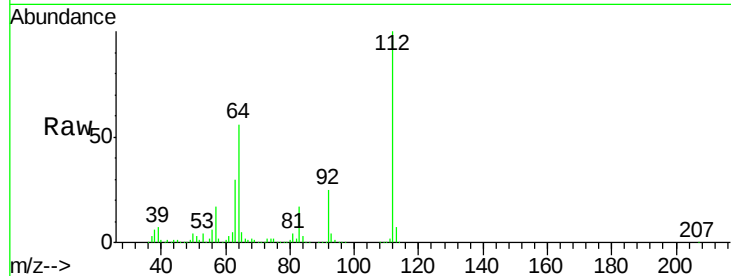
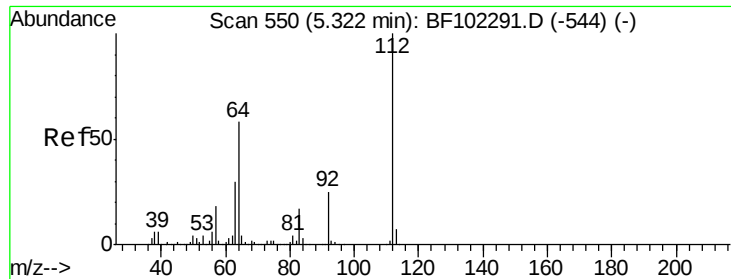
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#3
 Pyridine
 Concen: 7.413 ng m
 RT: 3.24 min Scan# 196
 Delta R.T. 0.16 min
 Lab File: BF102342.D
 Acq: 23 Jan 2018 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	99294		
52	66.6	59.8	89.6	
51	37.4	29.8	44.8	





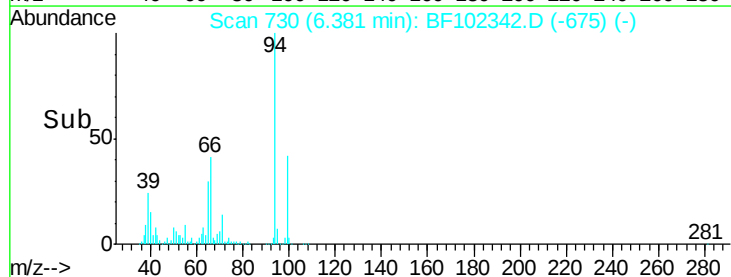
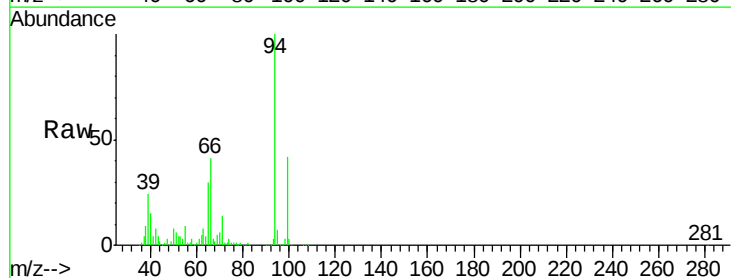
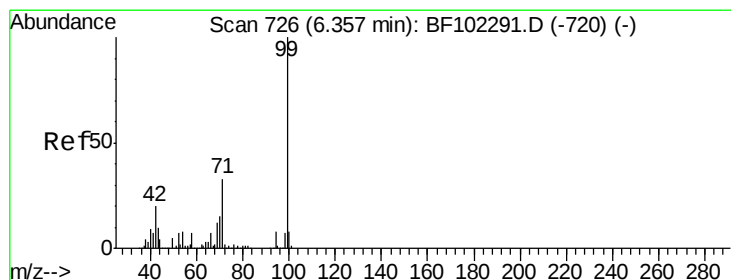
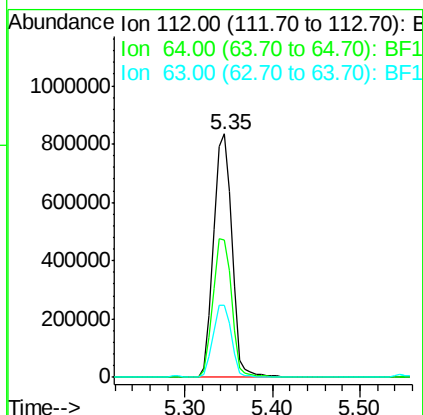
#5
2-Fluorophenol
Concen: 114.392 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.02 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Tgt Ion: 112 Resp: 1233981
Ion Ratio Lower Upper
112 100
64 56.4 47.9 71.9
63 29.7 23.7 35.5

Instrument :
BNA_F
ClientSampled :
WC-42-01

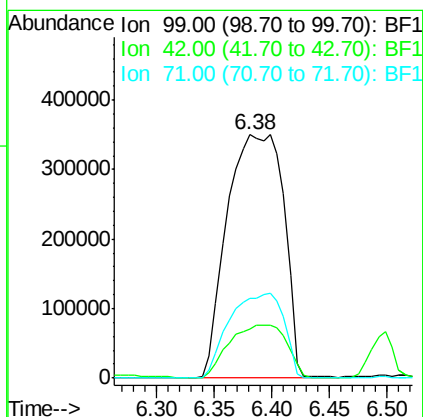
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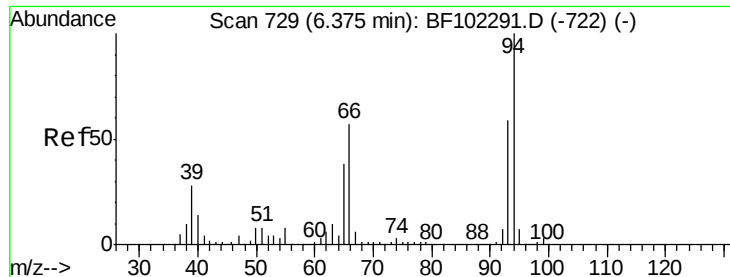
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#7
Phenol-d6
Concen: 91.949 ng
RT: 6.38 min Scan# 730
Delta R.T. 0.02 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Tgt Ion: 99 Resp: 1195795
Ion Ratio Lower Upper
99 100
42 20.1 14.5 21.7
71 32.8 25.4 38.0





#10

Phenol

Concen: 309.708 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.05 min

Lab File: BF102342.D

Acq: 23 Jan 2018 13:39

Instrument :

BNA_F

ClientSampleID :

WC-42-01

Tgt Ion: 94 Resp: 4397202

Ion Ratio Lower Upper

94 100

65 29.0 7.9 47.9

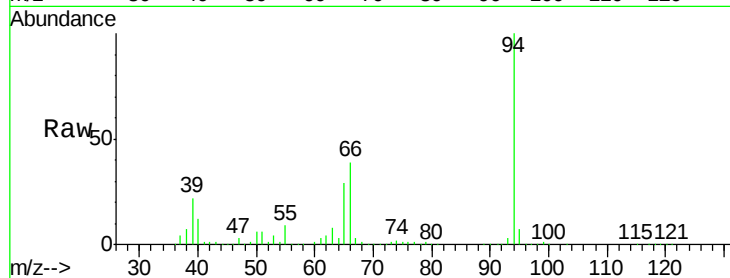
66 39.3 16.2 56.2

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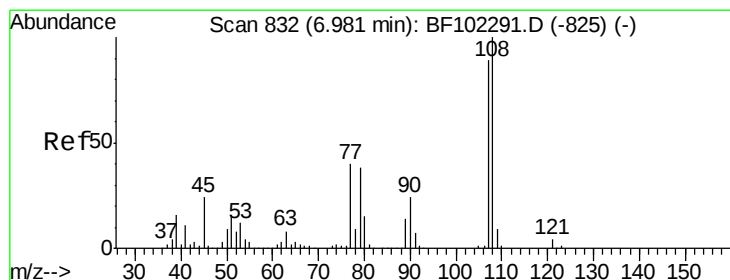
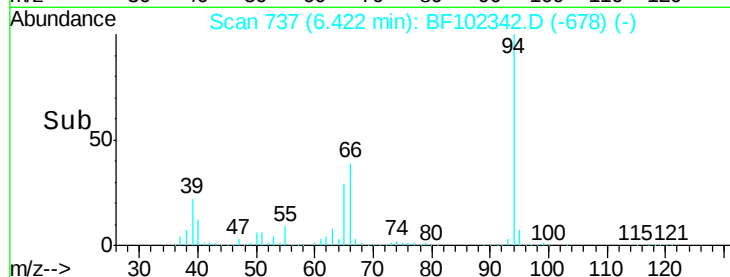
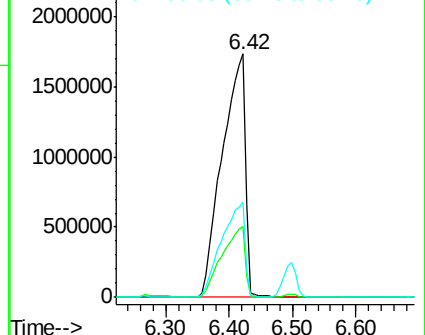
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Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



#17

2-Methylphenol

Concen: 105.502 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.01 min

Lab File: BF102342.D

Acq: 23 Jan 2018 13:39

Tgt Ion: 107 Resp: 1036109

Ion Ratio Lower Upper

107 100

108 112.7 91.7 137.5

77 43.9 33.8 50.8

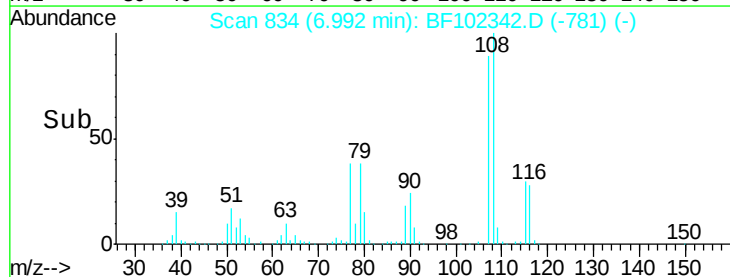
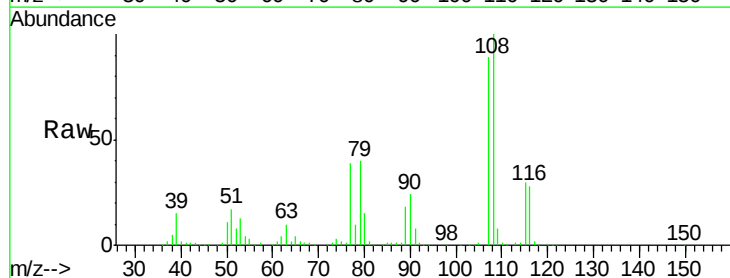
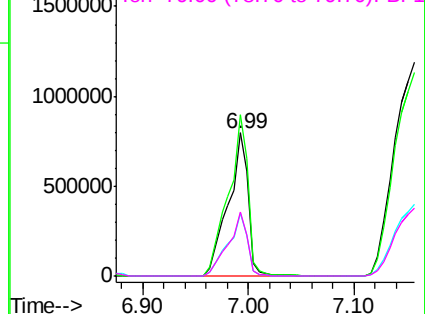
79 44.7 33.8 50.8

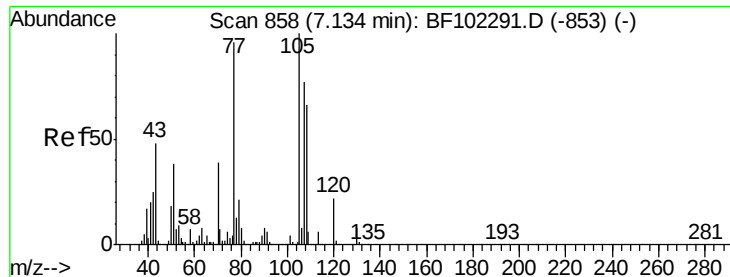
Abundance Ion 107.00 (106.70 to 107.70): E

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





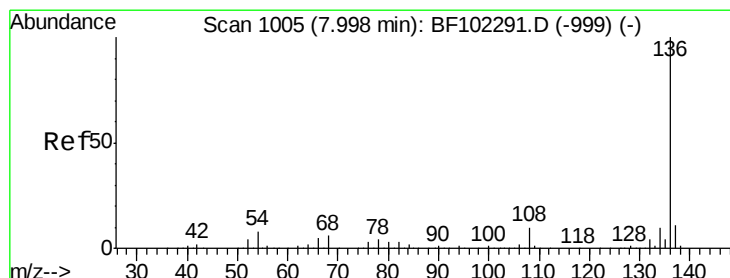
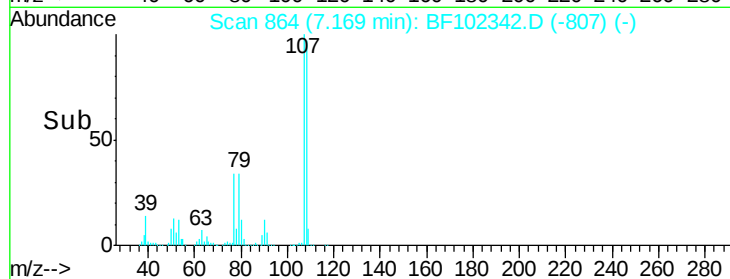
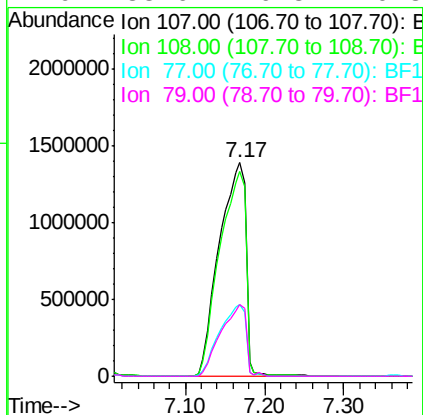
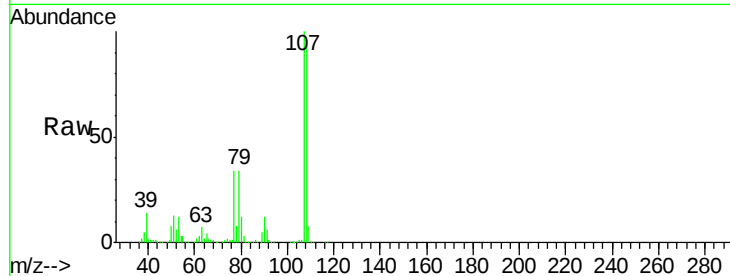
#20
3+4-Methylphenols
Concen: 280.342 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.04 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Instrument :
BNA_F
ClientSampleId :
WC-42-01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	96.1	68.2	108.2
77	33.7	26.7	66.7
79	33.6	6.3	46.3

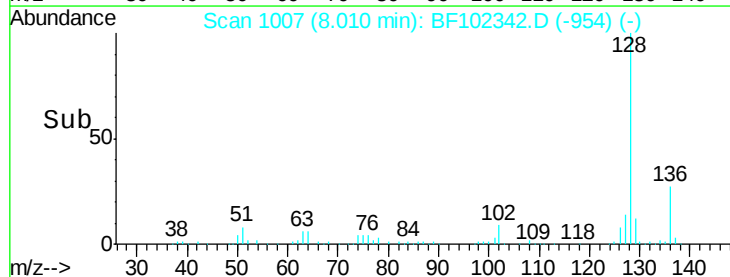
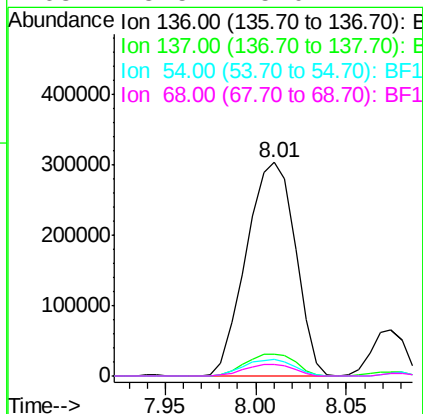
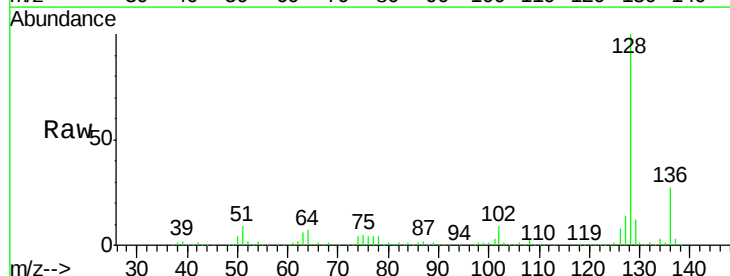
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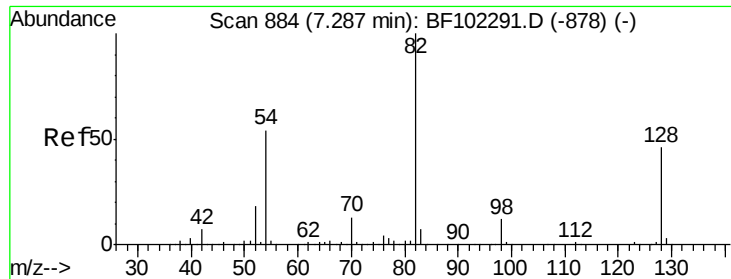
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.01 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	7.6	6.6	9.8
68	5.5	5.0	7.4





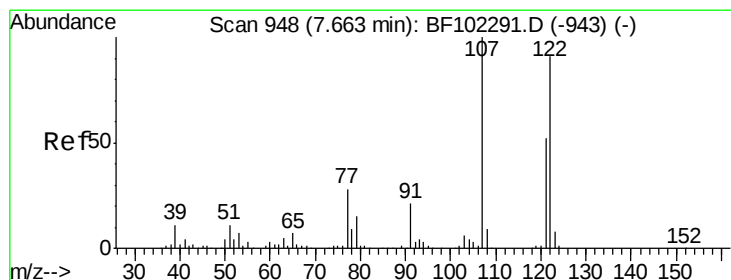
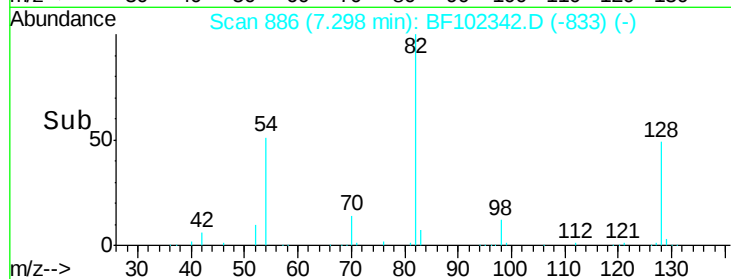
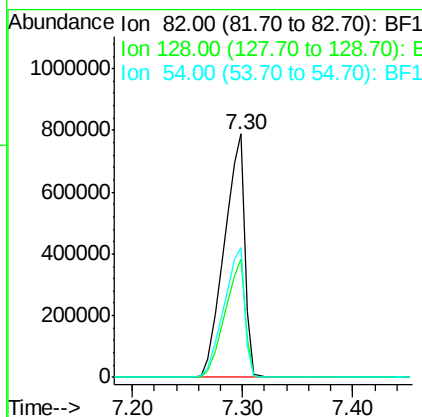
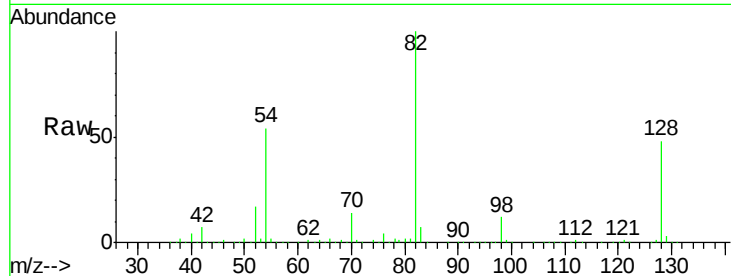
#23
Nitrobenzene-d5
Concen: 102.530 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Instrument :
BNA_F
ClientSampled :
WC-42-01

Tgt Ion: 82 Resp: 1020115
Ion Ratio Lower Upper
82 100
128 48.5 36.1 54.1
54 53.5 41.4 62.2

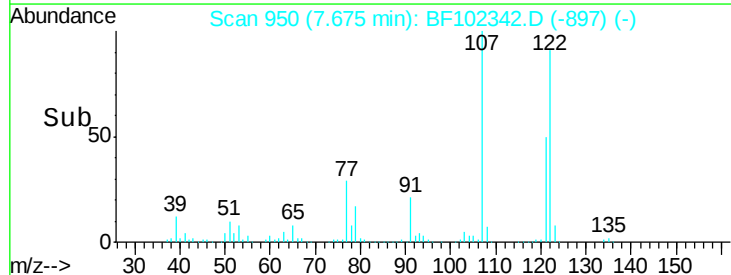
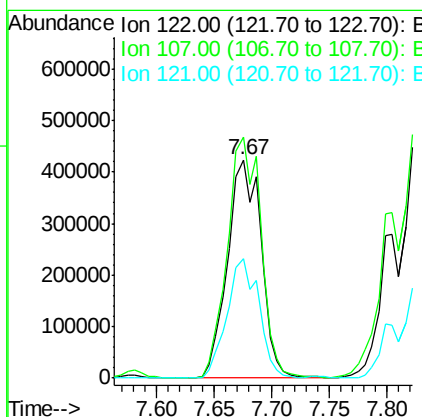
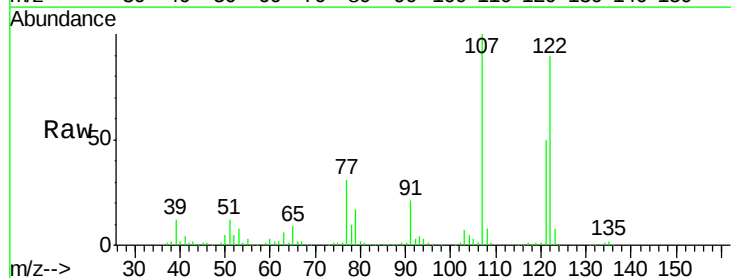
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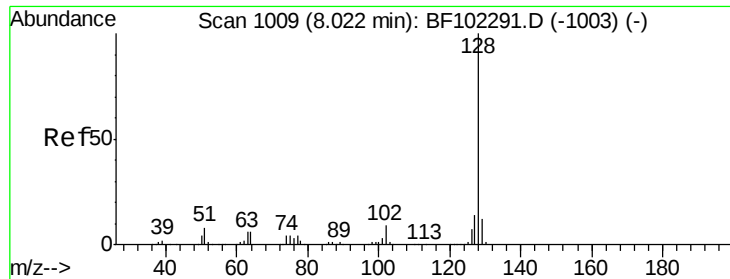
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#27
2,4-Dimethylphenol
Concen: 109.843 ng
RT: 7.67 min Scan# 950
Delta R.T. 0.01 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Tgt Ion: 122 Resp: 854729
Ion Ratio Lower Upper
122 100
107 110.7 91.2 136.8
121 54.8 47.2 70.8





#31

Naphthalene

Concen: 275.884 ng

RT: 8.05 min Scan# 1014

Delta R.T. 0.03 min

Lab File: BF102342.D

Acq: 23 Jan 2018 13:39

Instrument :

BNA_F

ClientSampleId :

WC-42-01

Tgt Ion:128 Resp: 7875740

Ion Ratio Lower Upper

128 100

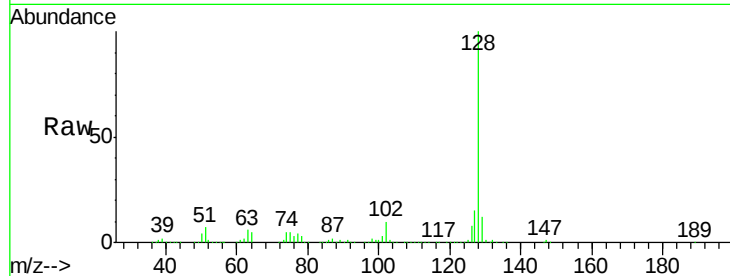
129 11.6 8.8 13.2

127 14.9 10.9 16.3

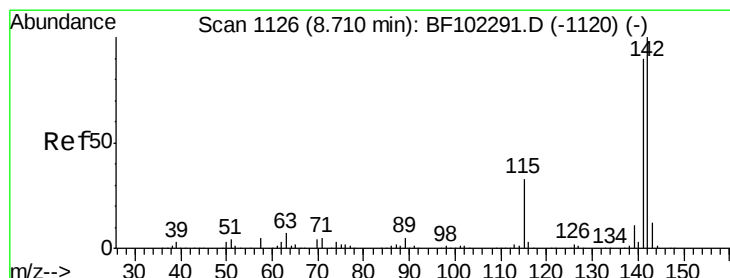
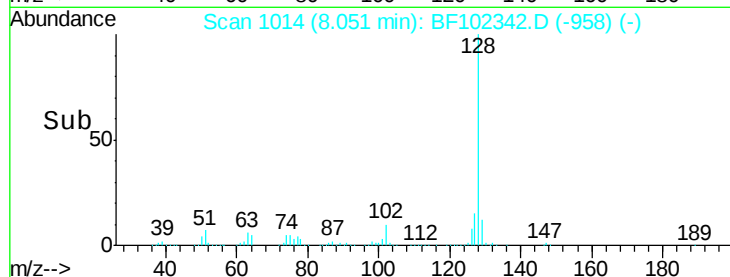
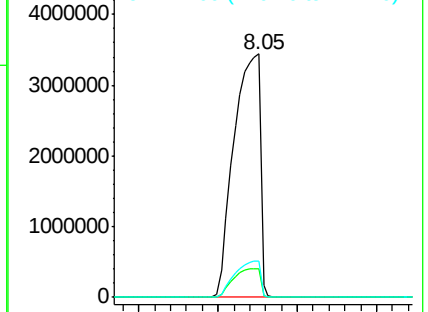
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 25.142 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.01 min

Lab File: BF102342.D

Acq: 23 Jan 2018 13:39

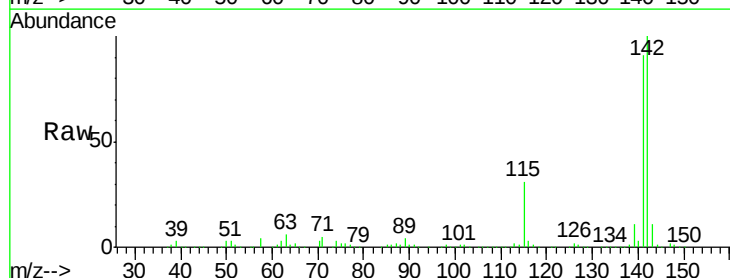
Tgt Ion:142 Resp: 477988

Ion Ratio Lower Upper

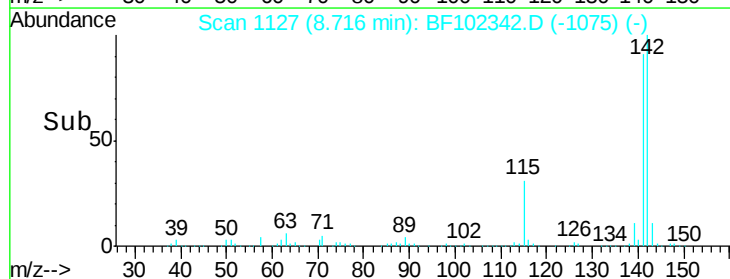
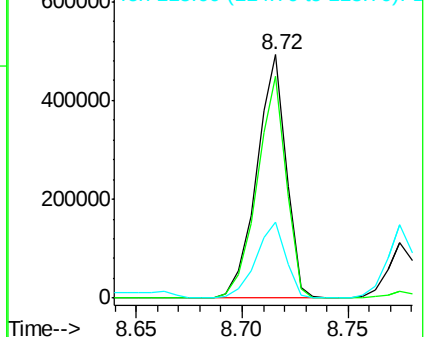
142 100

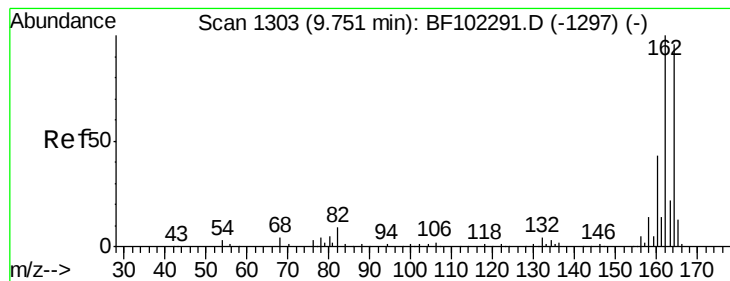
141 91.2 70.8 106.2

115 31.3 26.1 39.1



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF102342.D

Acq: 23 Jan 2018 13:39

Instrument :

BNA_F

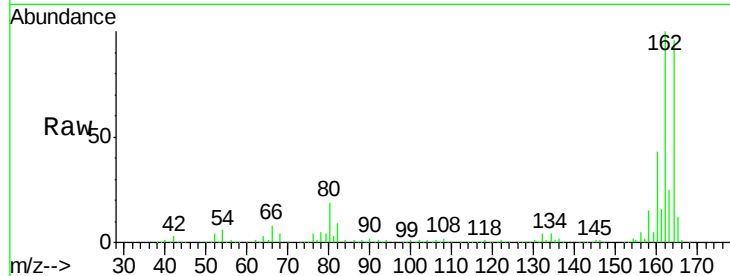
ClientSampleId :

WC-42-01

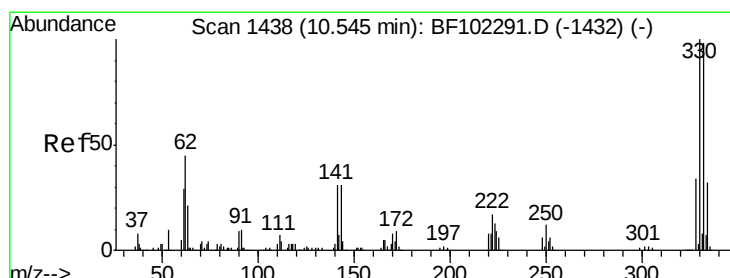
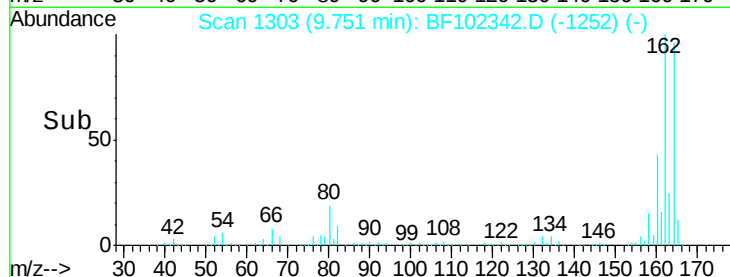
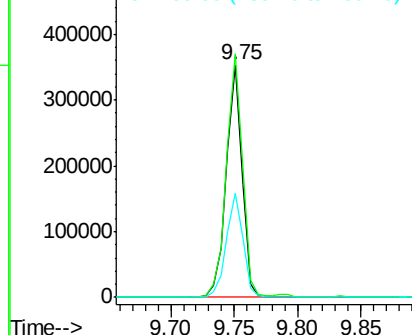
Tgt Ion:	164	Resp:	309266
Ion Ratio	Lower	Upper	
164	100		
162	104.7	86.1	129.1
160	44.7	38.3	57.5

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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: 117.907 ng

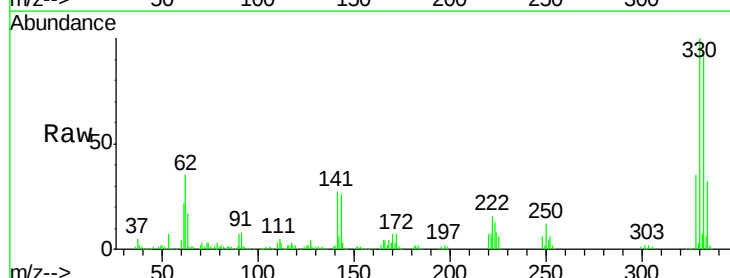
RT: 10.55 min Scan# 1439

Delta R.T. 0.01 min

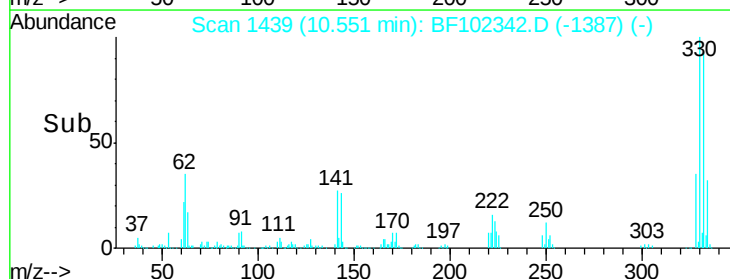
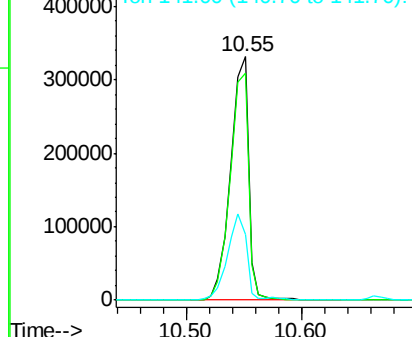
Lab File: BF102342.D

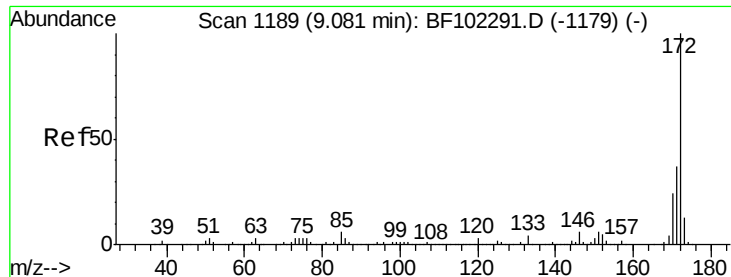
Acq: 23 Jan 2018 13:39

Tgt Ion:	330	Resp:	361312
Ion Ratio	Lower	Upper	
330	100		
332	95.7	77.0	115.6
141	38.4	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





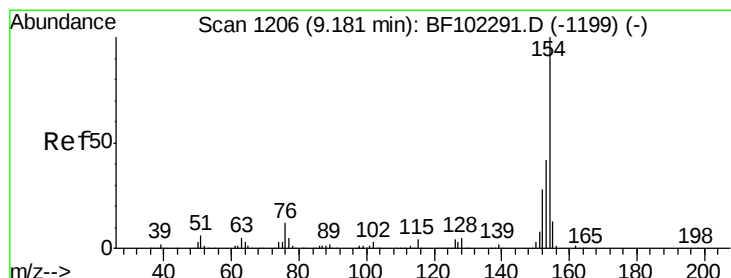
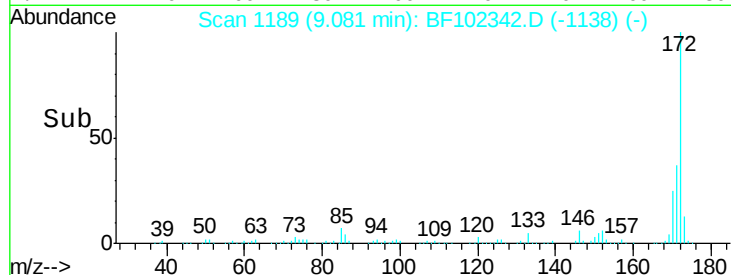
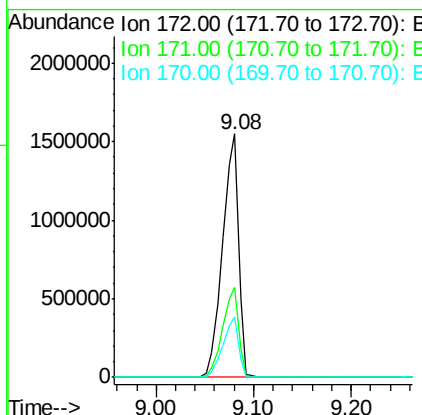
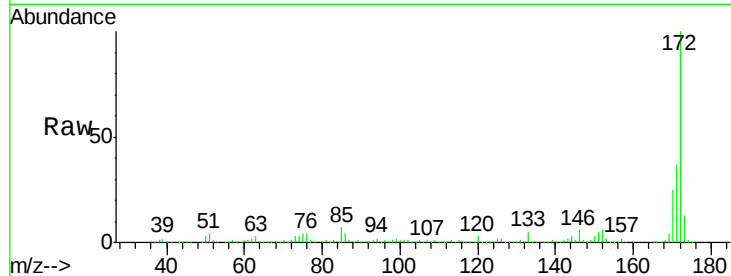
#44
 2-Fluorobiphenyl
 Concen: 83.962 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF102342.D
 Acq: 23 Jan 2018 13:39

Instrument :
 BNA_F
 ClientSampleId :
 WC-42-01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.7	19.6	29.4

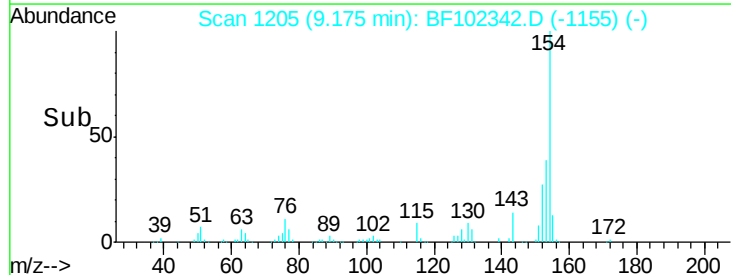
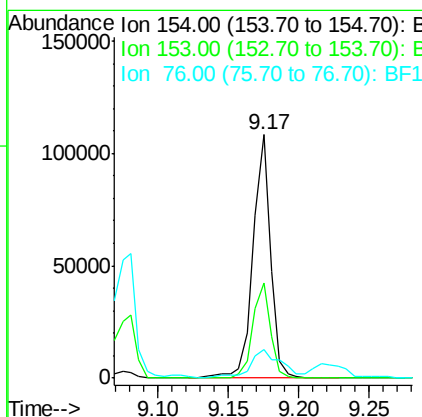
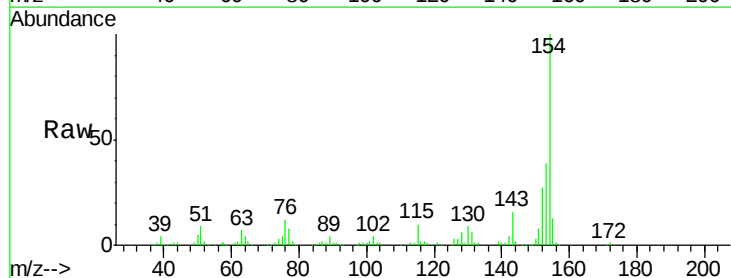
Manual Integrations
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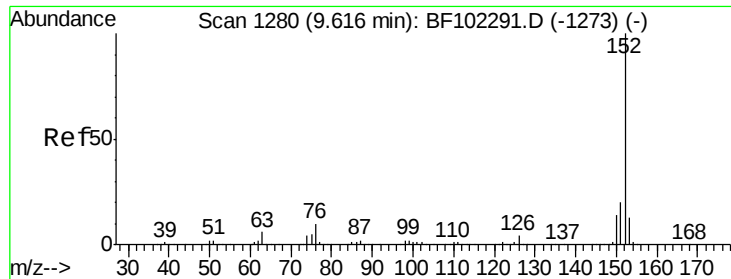
Sohil
 1/24/2018 2:46:45 PM



#45
 1,1'-Biphenyl
 Concen: 3.449 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF102342.D
 Acq: 23 Jan 2018 13:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.2	21.3	61.3
76	11.8	0.0	34.0





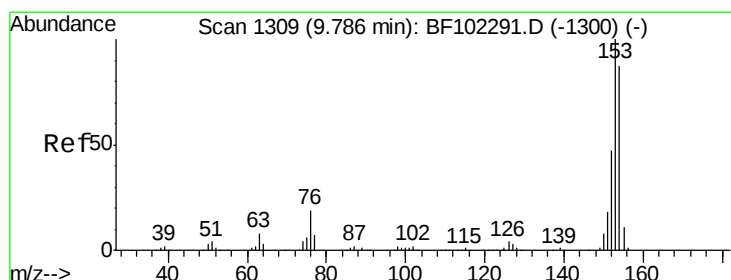
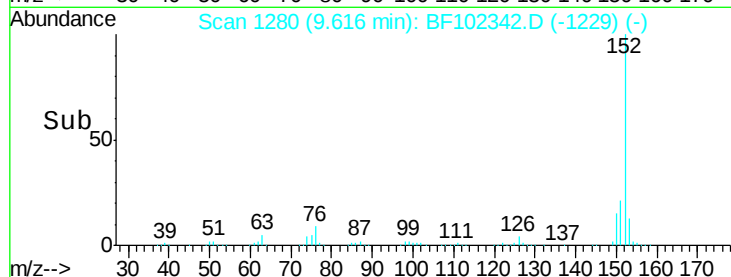
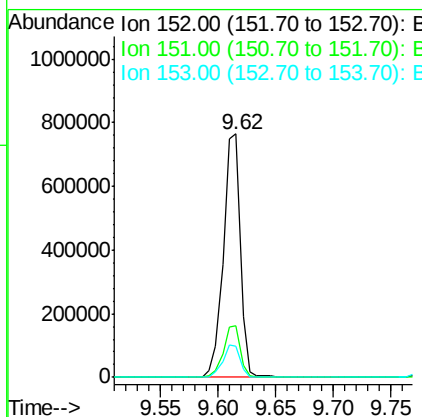
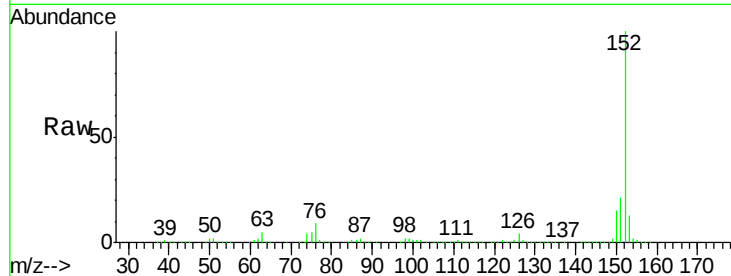
#48
Acenaphthylene
Concen: 23.442 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Instrument :
BNA_F
ClientSampled :
WC-42-01

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.3	24.5
153	12.9	10.7	16.1

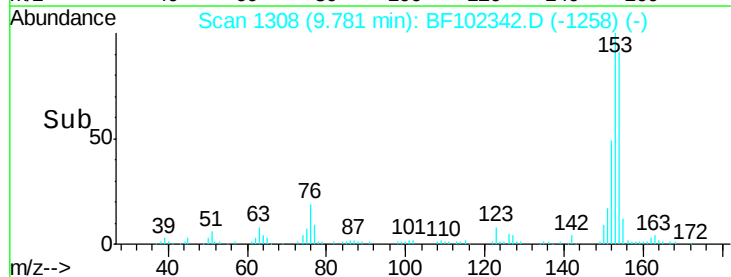
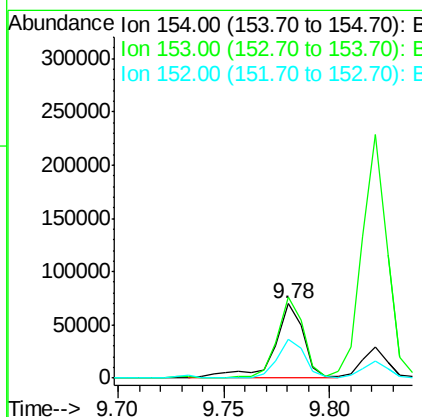
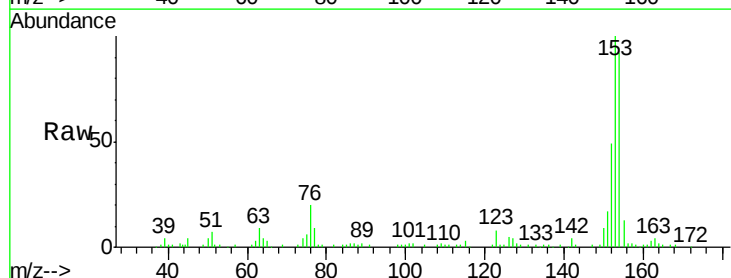
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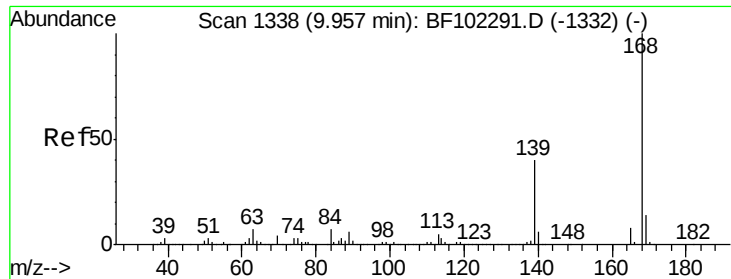
Sohil
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#51
Acenaphthene
Concen: 3.362 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	108.6	91.2	136.8
152	52.8	43.8	65.8





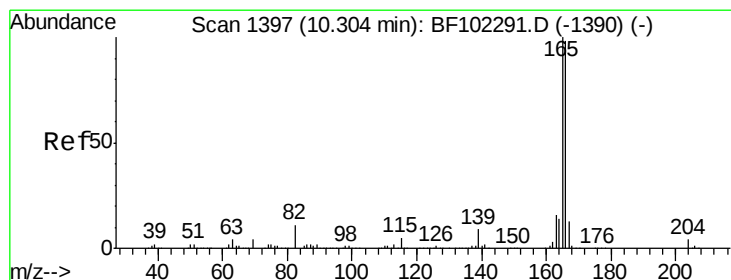
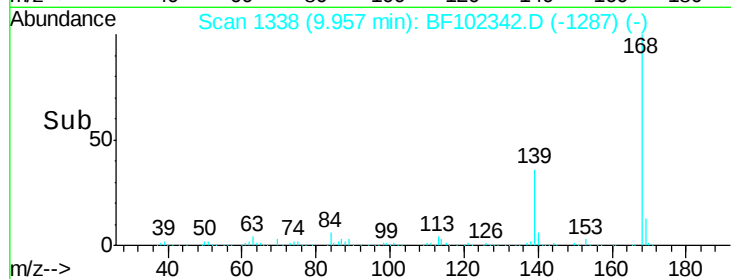
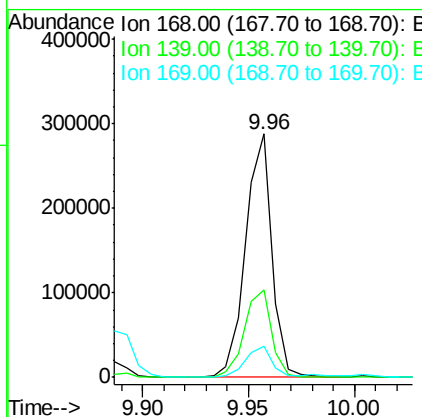
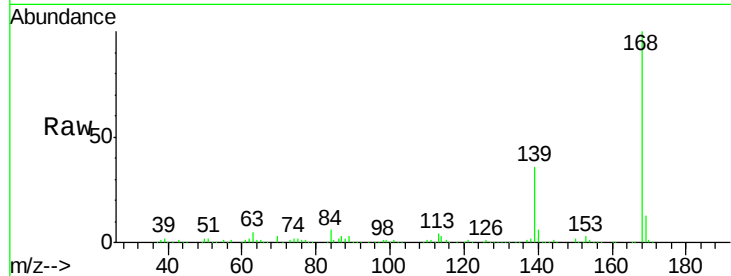
#54
Dibenzenofuran
Concen: 9.442 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Instrument :
BNA_F
ClientSampleId :
WC-42-01

Tgt Ion	Ratio	Resp Lower	Resp Upper
168	100		
139	36.1	30.1	45.1
169	12.6	10.9	16.3

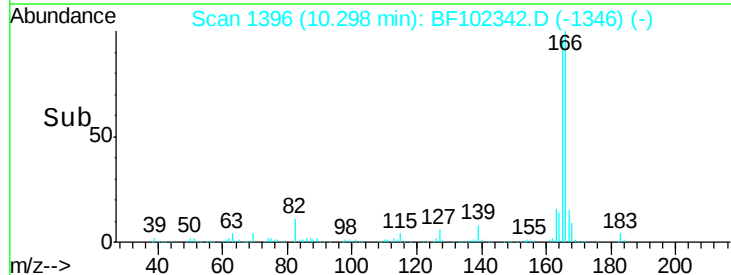
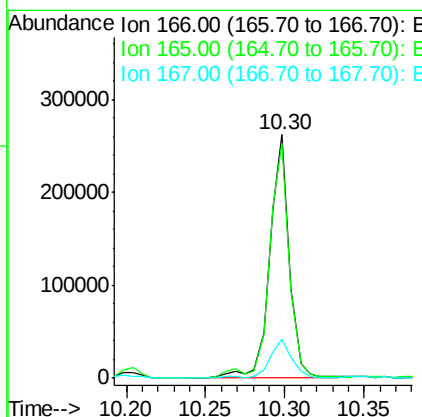
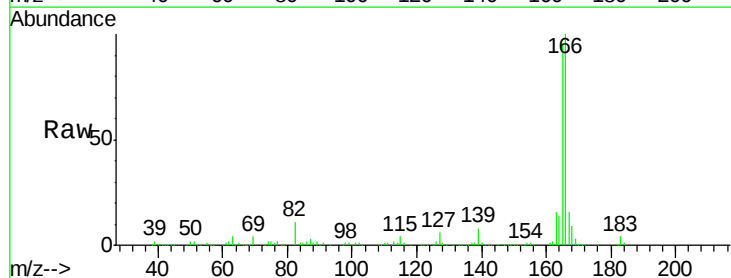
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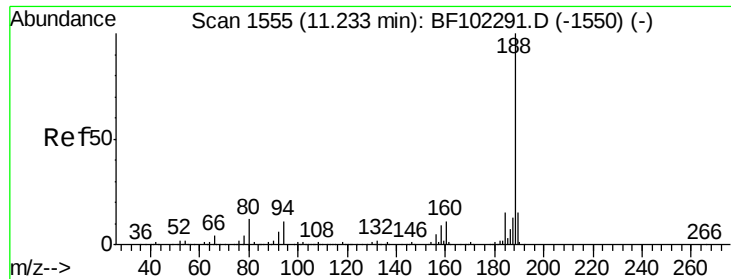
Sohil
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#57
Fluorene
Concen: 10.828 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	96.4	79.8	119.8
167	15.7	10.6	16.0





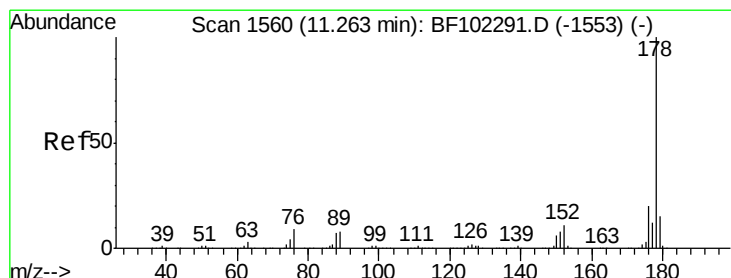
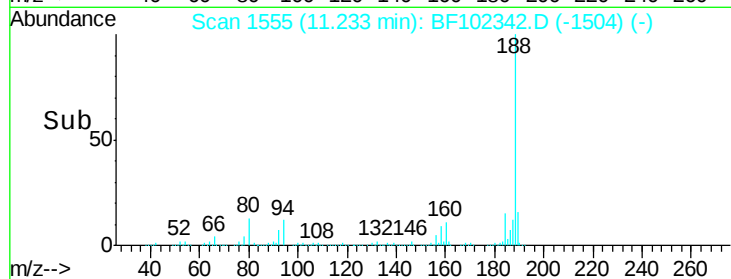
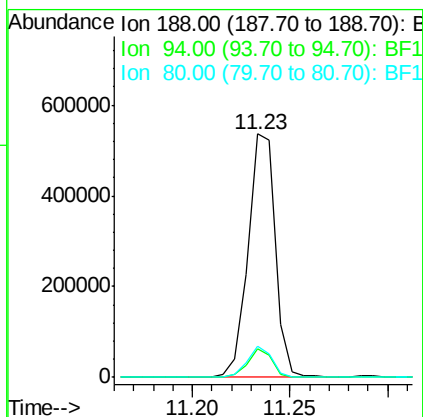
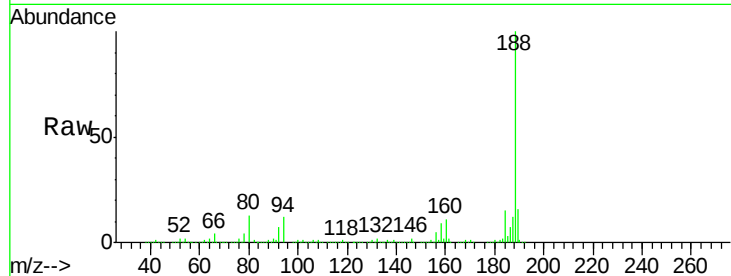
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Instrument :
BNA_F
ClientSampleId :
WC-42-01

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.0	8.5	12.7
80	12.8	9.2	13.8

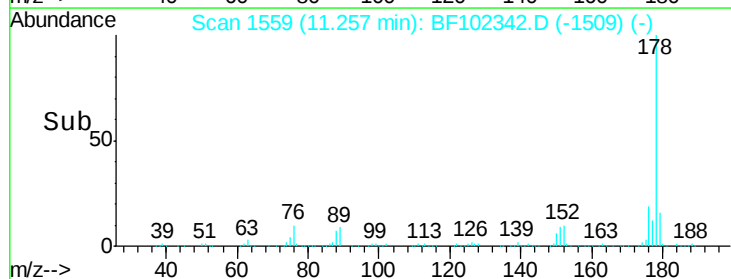
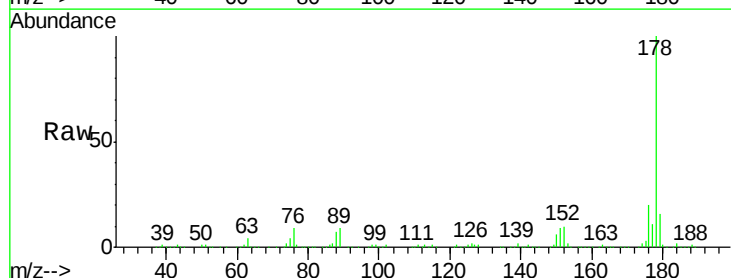
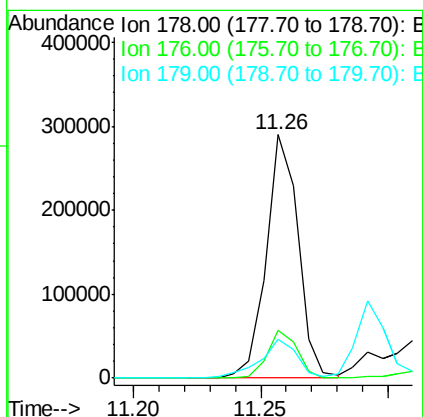
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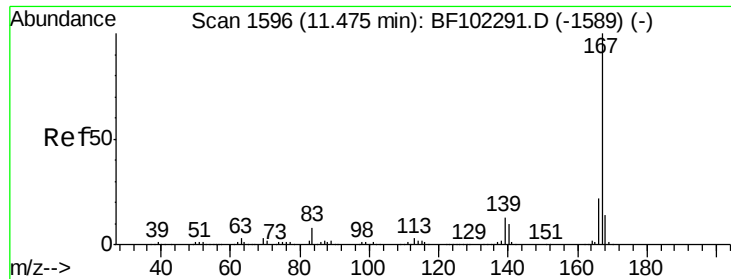
Sohil
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#70
Phenanthrene
Concen: 8.379 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.5	15.8	23.8
179	15.9	13.0	19.6





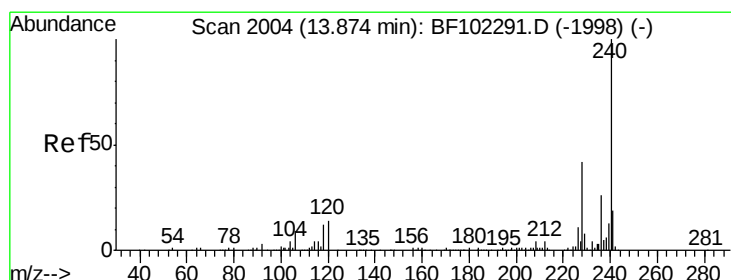
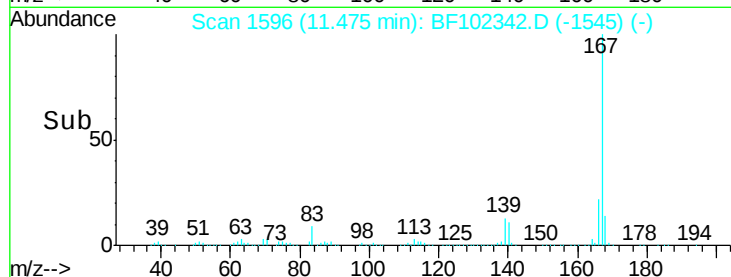
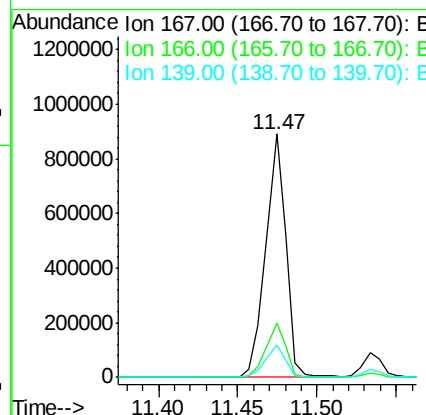
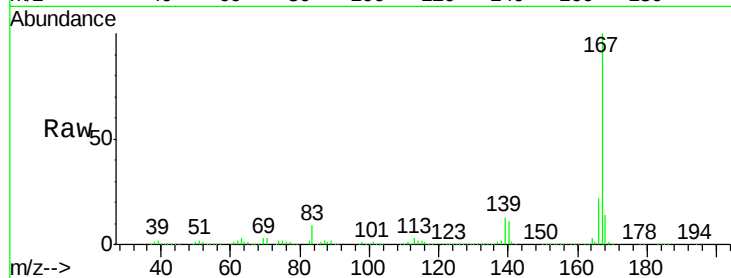
#72
 Carbazole
 Concen: 26.649 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF102342.D
 Acq: 23 Jan 2018 13:39

Instrument :
 BNA_F
 ClientSampleId :
 WC-42-01

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	13.3	10.9	16.3

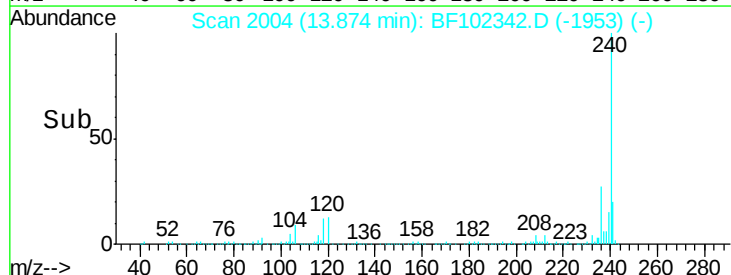
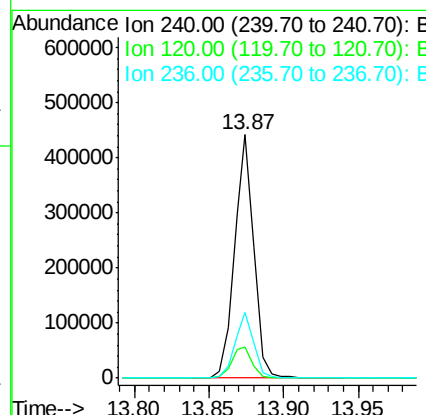
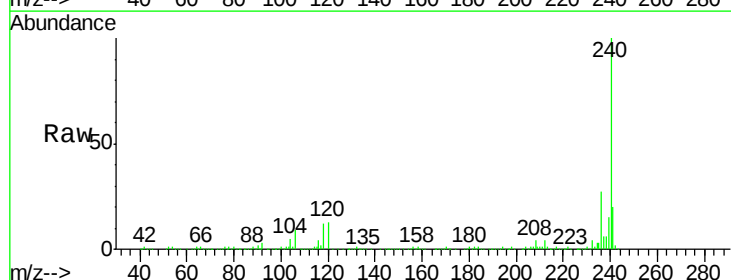
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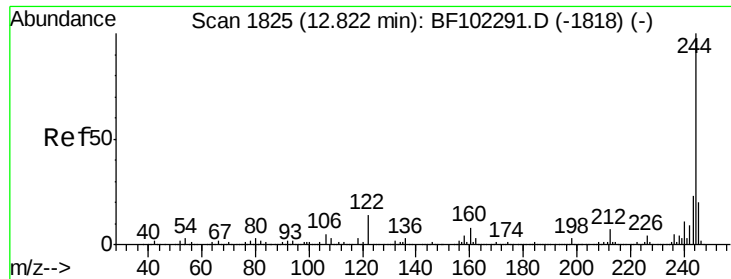
Sohil
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.00 min
 Lab File: BF102342.D
 Acq: 23 Jan 2018 13:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.5	14.3
236	26.7	20.7	31.1





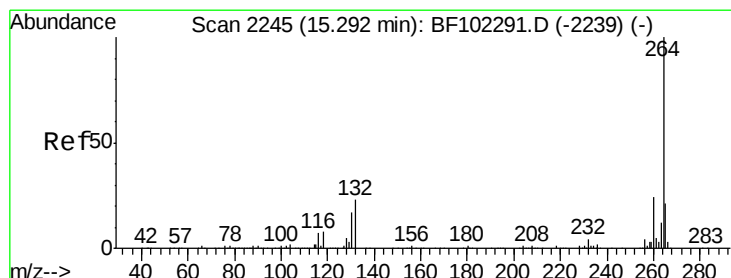
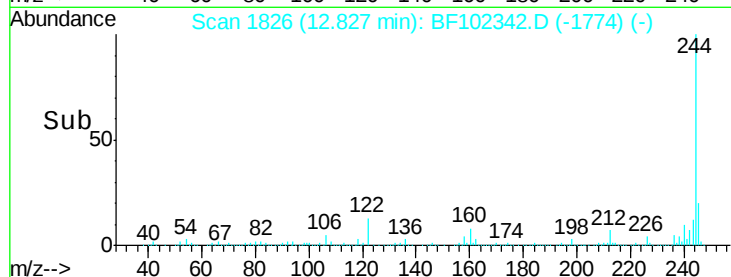
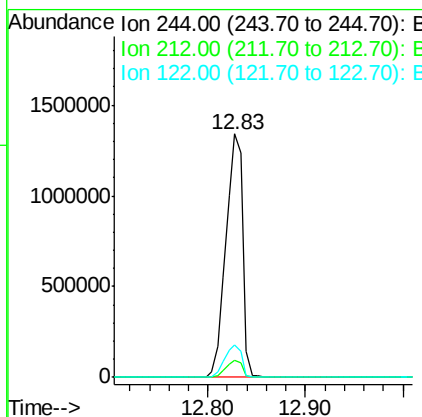
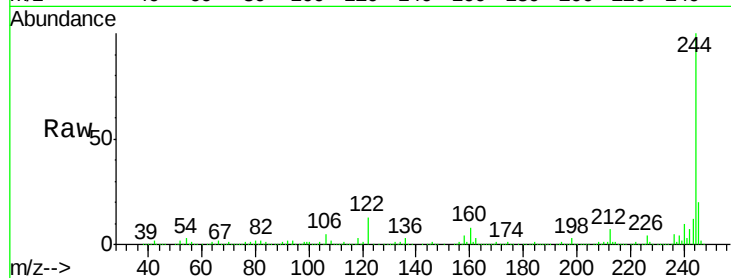
#78
 Terphenyl-d14
 Concen: 89.547 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.01 min
 Lab File: BF102342.D
 Acq: 23 Jan 2018 13:39

Instrument :
 BNA_F
 ClientSampleId :
 WC-42-01

Tgt Ion:244 Resp: 1597755
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 13.3 11.0 16.4

Manual Integrations
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 1/24/2018 2:46:45 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. 0.01 min
 Lab File: BF102342.D
 Acq: 23 Jan 2018 13:39

Tgt Ion:264 Resp: 301346
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.3 17.5 26.3

