

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF012318\
 Data File : BF102337.D
 Acq On : 23 Jan 2018 11:22
 Operator : SJ/JU
 Sample : J1239-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-43-02

Manual Integrations
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Sohil
 1/24/2018 2:46:30 PM

Quant Time: Jan 24 00:26:17 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	139381	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	506047	20.00	ng	0.01
38) Acenaphthene-d10	9.75	164	276376	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	483409	20.00	ng	0.00
75) Chrysene-d12	13.87	240	382932	20.00	ng	0.00
86) Perylene-d12	15.30	264	286588	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	1179690	128.33	ng	0.02
7) Phenol-d6	6.38	99	1179636	106.44	ng	0.02
23) Nitrobenzene-d5	7.29	82	968216	109.95	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	359993	131.46	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1664859	88.57	ng	0.00
78) Terphenyl-d14	12.83	244	1625676	95.71	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Pyridine	3.23	79	99185	8.690	ng	97
10) Phenol	6.42	94	3053120	252.348	ng	98
17) 2-Methylphenol	6.99	107	823929	98.452	ng	98
20) 3+4-Methylphenols	7.16	107	2349904	238.748	ng	86
27) 2,4-Dimethylphenol	7.67	122	524341	76.135	ng	97
31) Naphthalene	8.05	128	7635616	302.207	ng	98
37) 2-Methylnaphthalene	8.72	142	555374	33.006	ng	99
45) 1,1'-Biphenyl	9.17	154	116157	4.700	ng	96
48) Acenaphthylene	9.62	152	576162	19.253	ng	100
51) Acenaphthene	9.78	154	108899	6.231	ng	98
54) Dibenzofuran	9.96	168	307988	13.021	ng	100
57) Fluorene	10.30	166	308683	16.469	ng	99
70) Phenanthrene	11.26	178	414852	14.727	ng	98
71) Anthracene	11.31	178	76516m	2.661	ng	
72) Carbazole	11.47	167	630692	22.485	ng	99
74) Fluoranthene	12.45	202	61055	2.125	ng	99

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

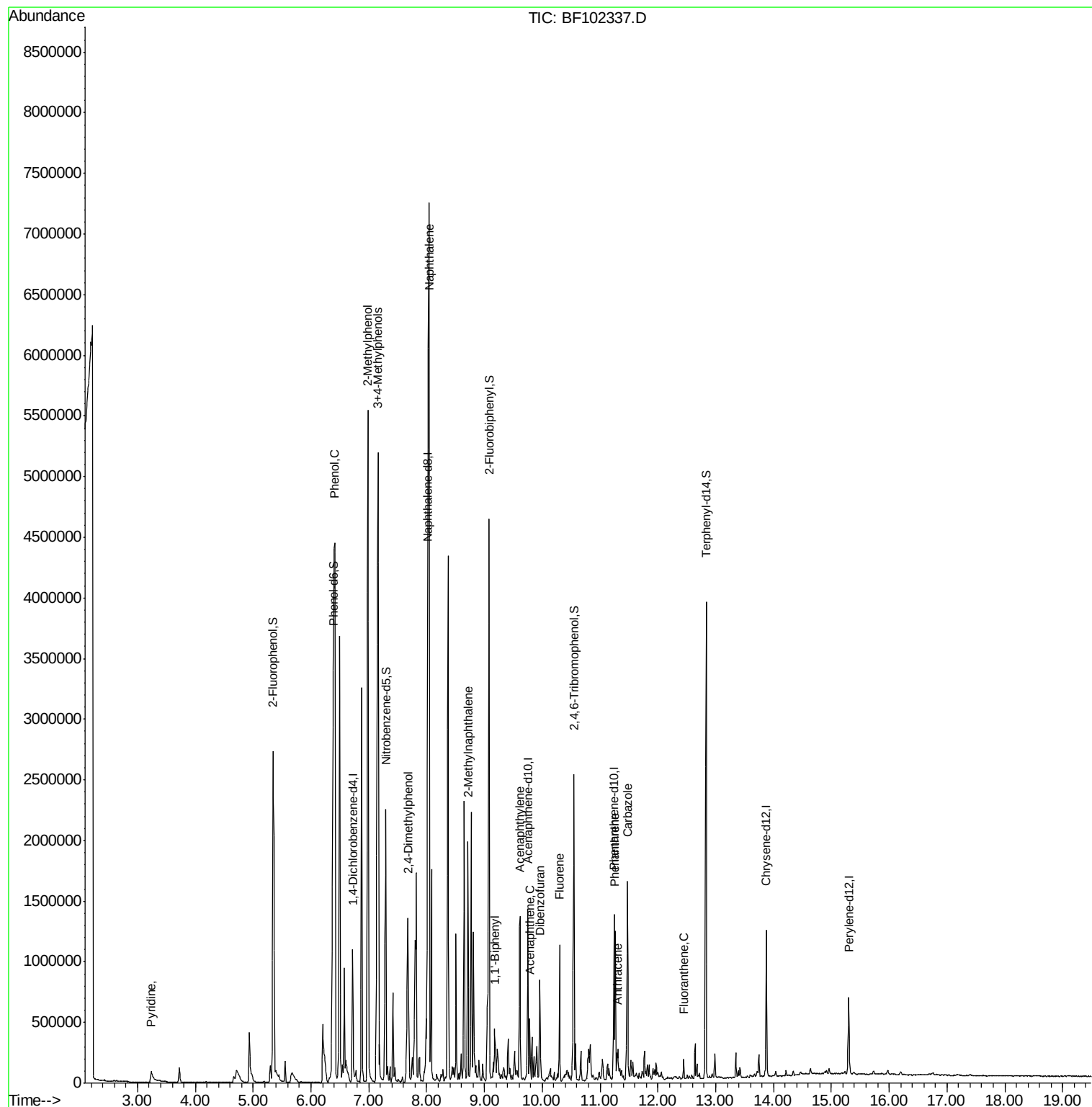
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102337.D
Acq On : 23 Jan 2018 11:22
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Sample : J1239-08
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ALS Vial : 5 Sample Multiplier: 1

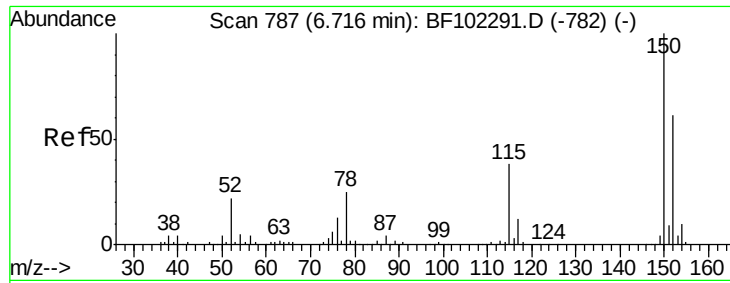
Instrument :
BNA_F
ClientSampleId :
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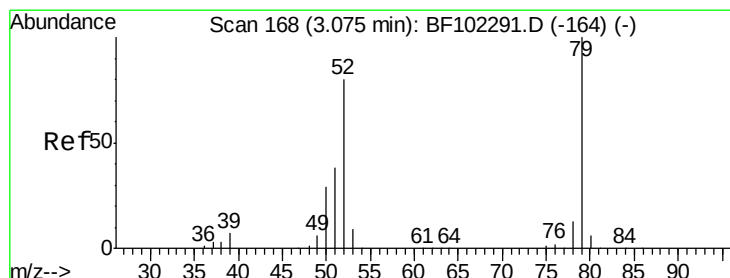
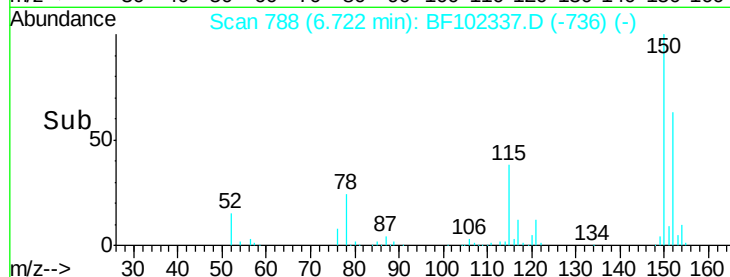
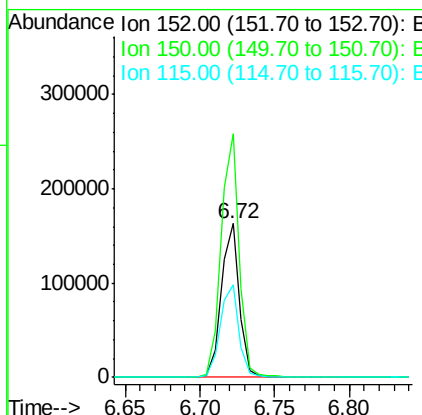
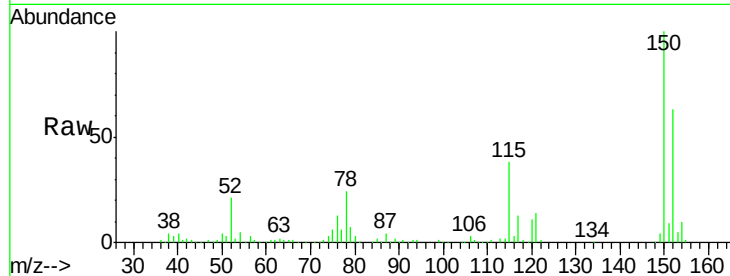
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.01 min
 Lab File: BF102337.D
 Acq: 23 Jan 2018 11:22

Instrument :
 BNA_F
 ClientSampleId :
 WC-43-02

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	139381		
150	158.5	124.6	186.8	
115	60.4	50.1	75.1	

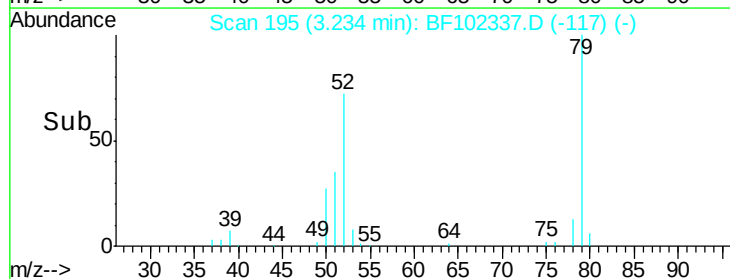
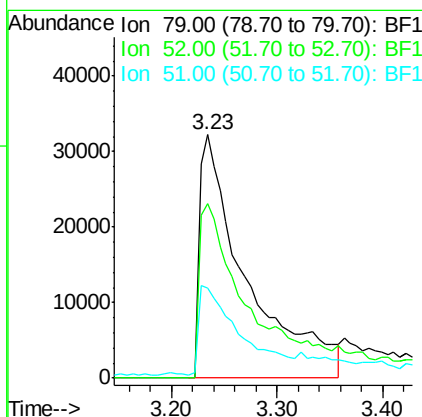
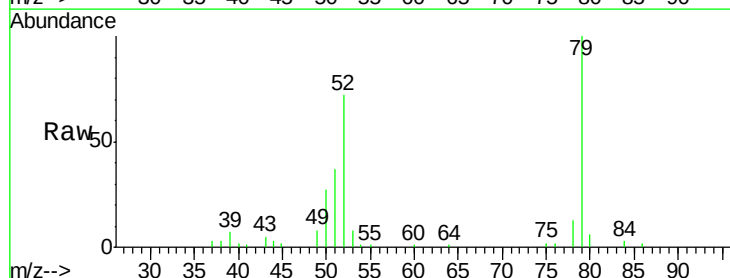
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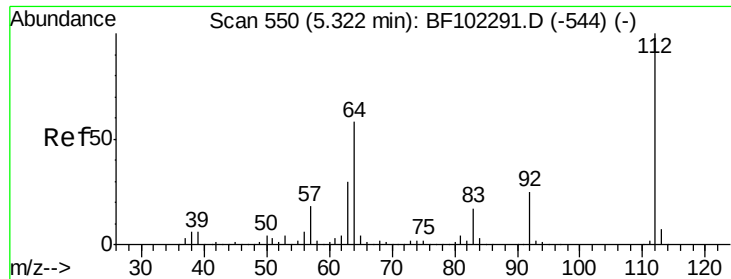
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#3
 Pyridine
 Concen: 8.690 ng
 RT: 3.23 min Scan# 195
 Delta R.T. 0.16 min
 Lab File: BF102337.D
 Acq: 23 Jan 2018 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	99185		
52	71.7	59.8	89.6	
51	36.8	29.8	44.8	





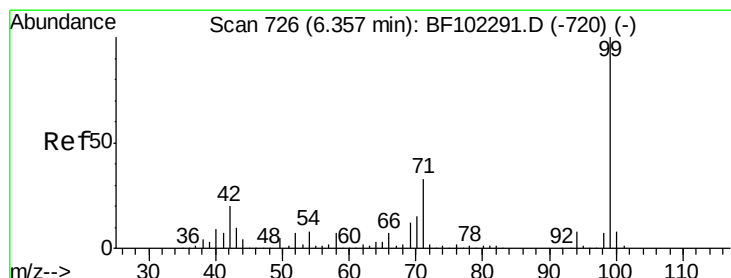
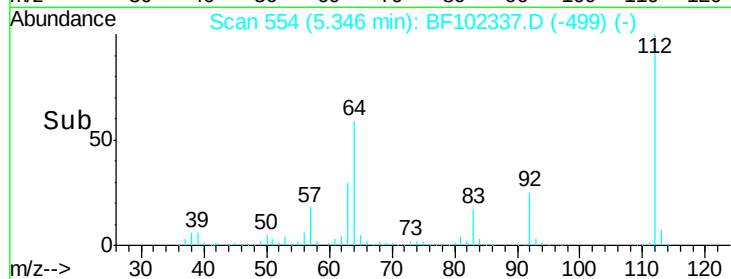
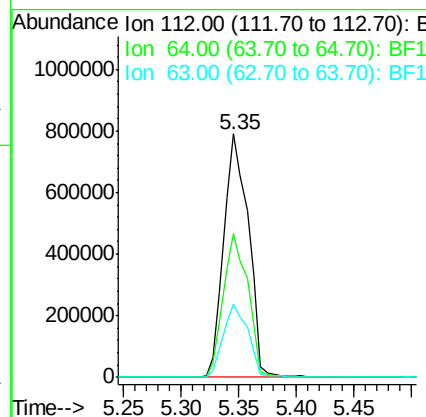
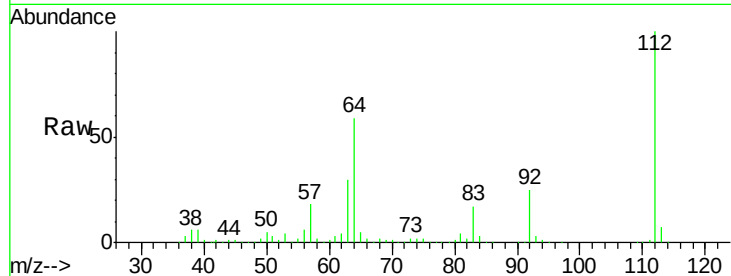
#5
2-Fluorophenol
Concen: 128.333 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.02 min
Lab File: BF102337.D
Acq: 23 Jan 2018 11:22

Instrument :
BNA_F
ClientSampled :
WC-43-02

Tgt Ion: 112 Resp: 1179690
Ion Ratio Lower Upper
112 100
64 58.9 47.9 71.9
63 30.1 23.7 35.5

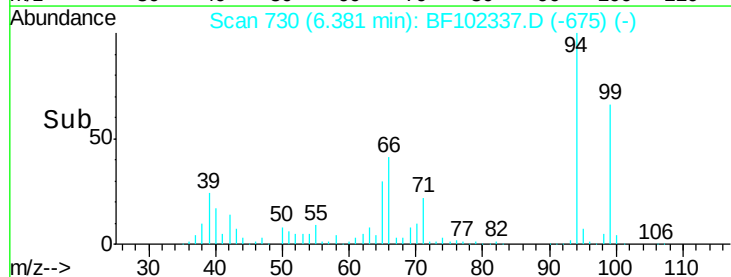
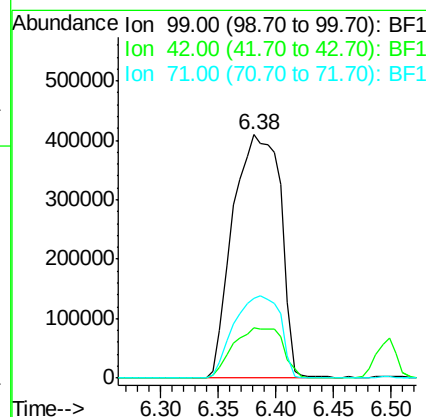
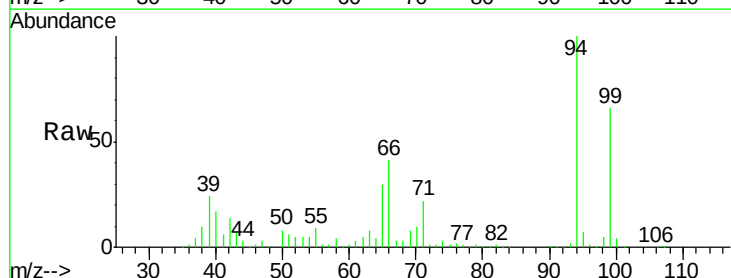
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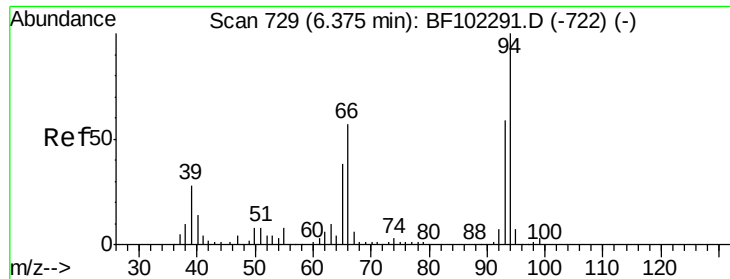
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#7
Phenol-d6
Concen: 106.443 ng
RT: 6.38 min Scan# 730
Delta R.T. 0.02 min
Lab File: BF102337.D
Acq: 23 Jan 2018 11:22

Tgt Ion: 99 Resp: 1179636
Ion Ratio Lower Upper
99 100
42 20.8 14.5 21.7
71 32.6 25.4 38.0





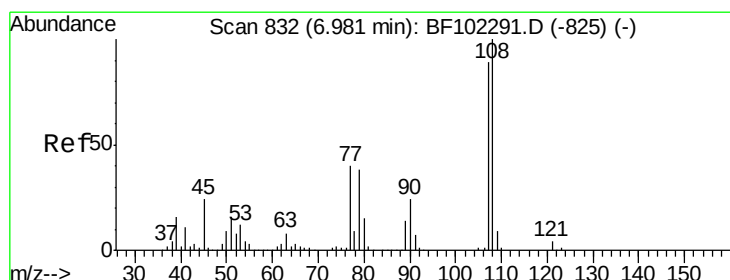
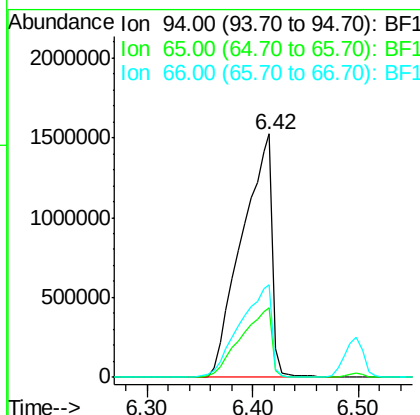
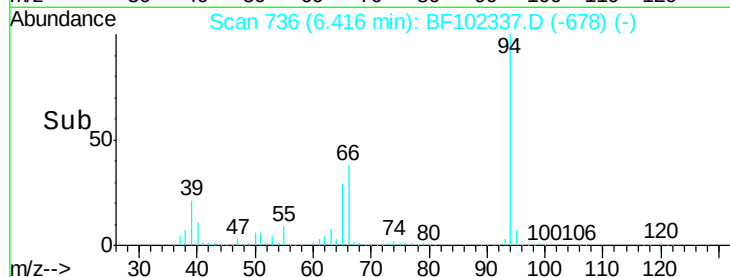
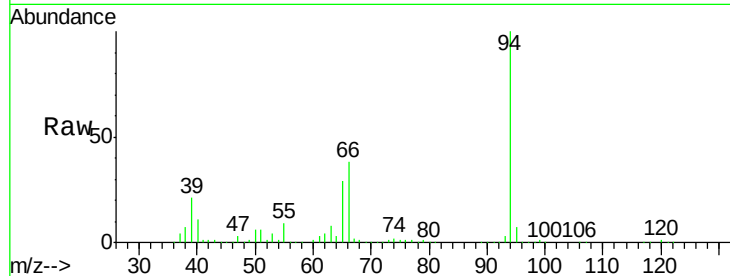
#10
Phenol
Concen: 252.348 ng
RT: 6.42 min Scan# 736
Delta R.T. 0.04 min
Lab File: BF102337.D
Acq: 23 Jan 2018 11:22

Instrument :
BNA_F
ClientSampleId :
WC-43-02

Tgt Ion: 94 Resp: 3053120
Ion Ratio Lower Upper
94 100
65 28.8 7.9 47.9
66 37.8 16.2 56.2

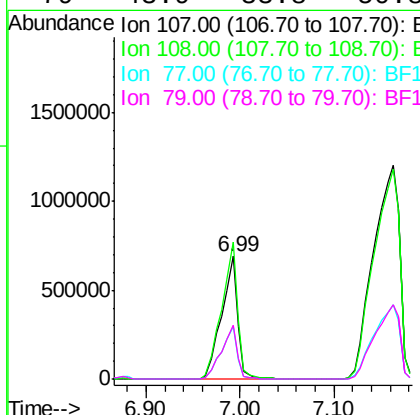
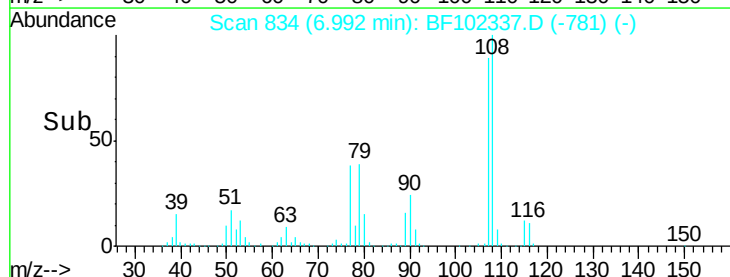
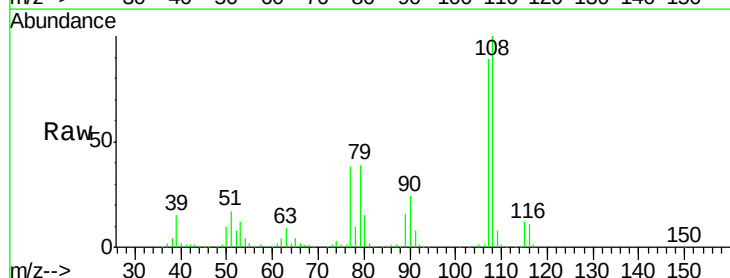
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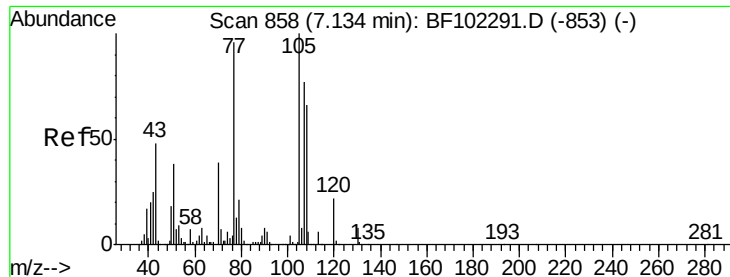
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#17
2-Methylphenol
Concen: 98.452 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.01 min
Lab File: BF102337.D
Acq: 23 Jan 2018 11:22

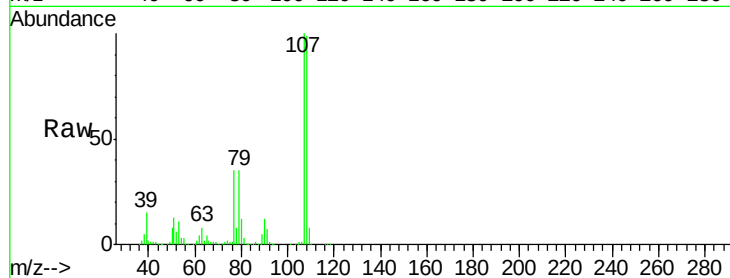
Tgt Ion: 107 Resp: 823929
Ion Ratio Lower Upper
107 100
108 112.2 91.7 137.5
77 42.5 33.8 50.8
79 43.9 33.8 50.8





#20
3+4-Methylphenols
Concen: 238.748 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.03 min
Lab File: BF102337.D
Acq: 23 Jan 2018 11:22

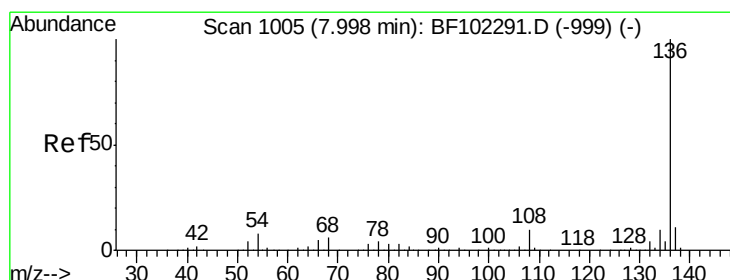
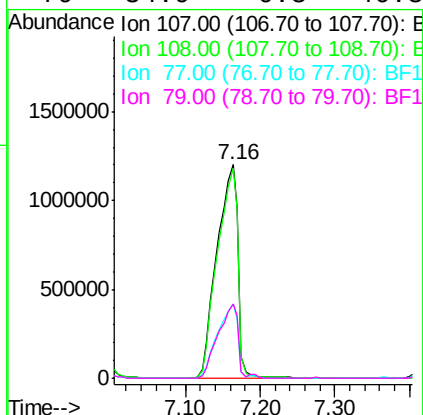
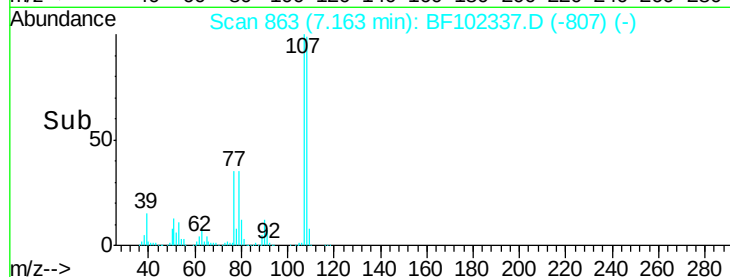
Instrument :
BNA_F
ClientSampleId :
WC-43-02



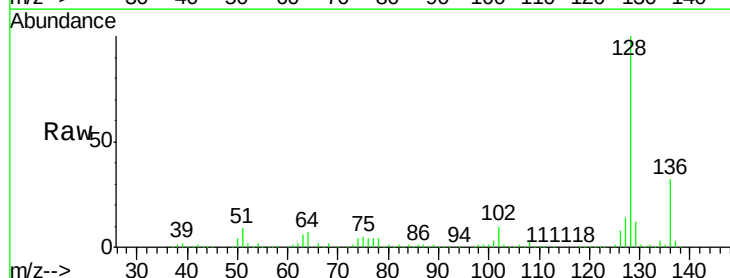
Tgt Ion	Ratio	Lower	Upper
107	100		
108	98.5	68.2	108.2
77	34.6	26.7	66.7
79	34.9	6.3	46.3

Manual Integrations
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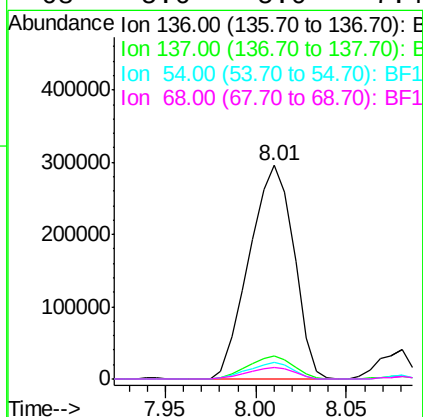
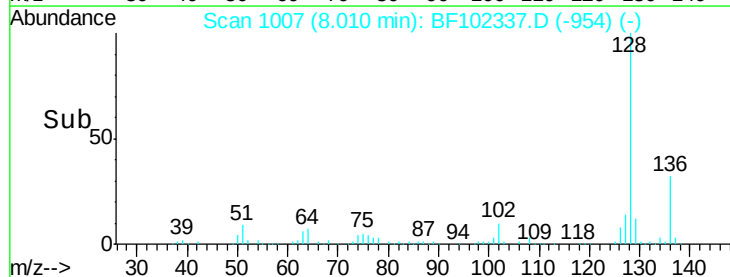
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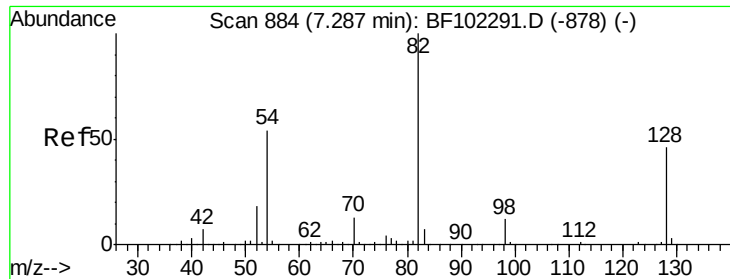


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.01 min
Lab File: BF102337.D
Acq: 23 Jan 2018 11:22



Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.9	6.6	9.8
68	5.6	5.0	7.4





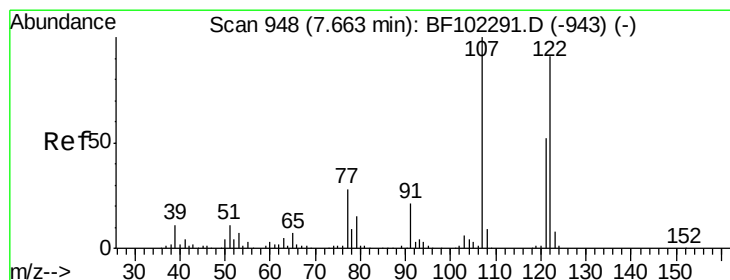
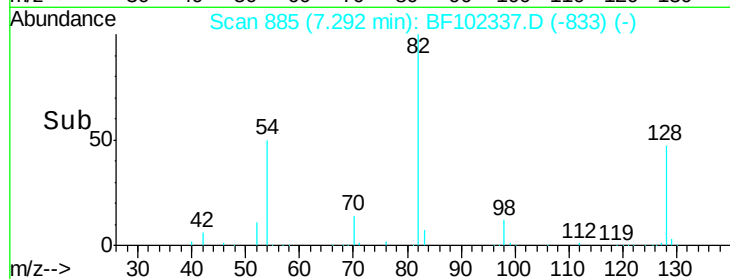
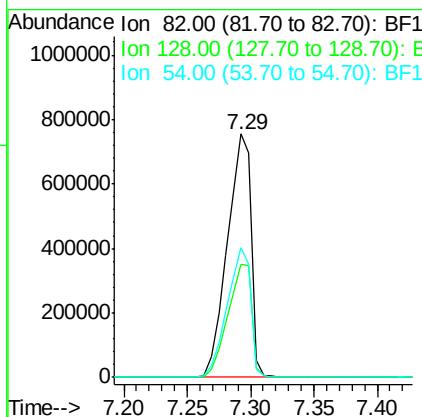
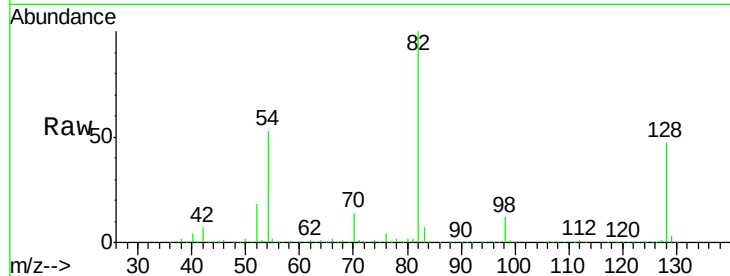
#23
 Nitrobenzene-d5
 Concen: 109.951 ng
 RT: 7.29 min Scan# 885
 Delta R.T. 0.01 min
 Lab File: BF102337.D
 Acq: 23 Jan 2018 11:22

Instrument :
 BNA_F
 ClientSampled :
 WC-43-02

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	968216		
128	46.5	36.1	54.1	
54	53.4	41.4	62.2	

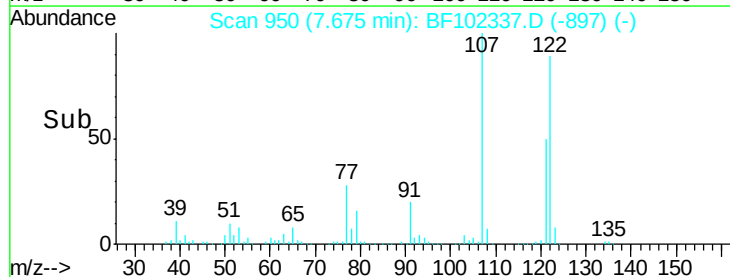
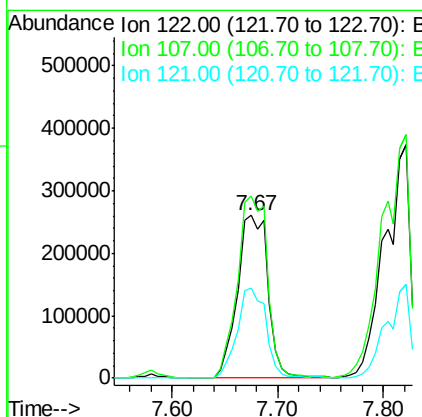
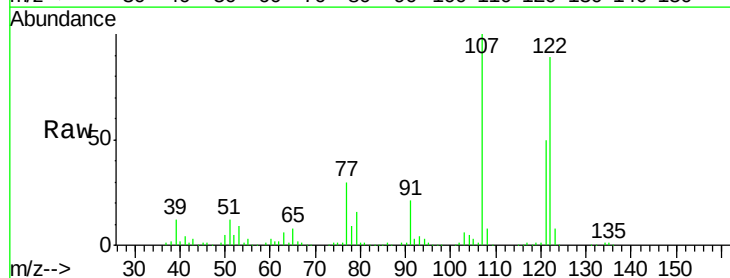
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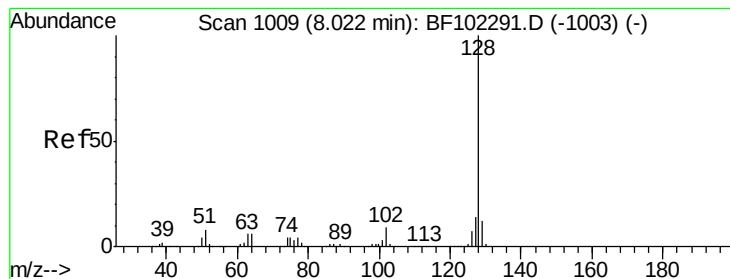
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#27
 2,4-Dimethylphenol
 Concen: 76.135 ng
 RT: 7.67 min Scan# 950
 Delta R.T. 0.01 min
 Lab File: BF102337.D
 Acq: 23 Jan 2018 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	524341		
107	112.1	91.2	136.8	
121	55.7	47.2	70.8	





#31

Naphthalene

Concen: 302.207 ng

RT: 8.05 min Scan# 1014

Delta R.T. 0.03 min

Lab File: BF102337.D

Acq: 23 Jan 2018 11:22

Instrument :

BNA_F

ClientSampleId :

WC-43-02

Tgt Ion:128 Resp: 7635616

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

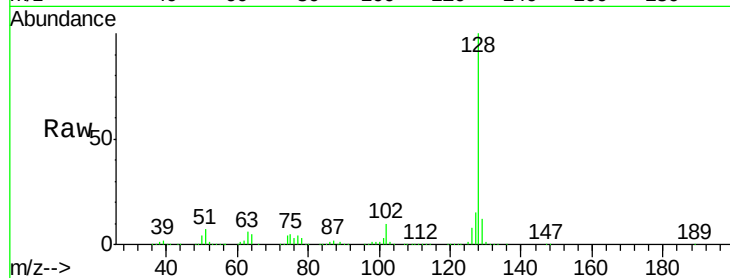
127 14.7 10.9 16.3

Manual Integrations

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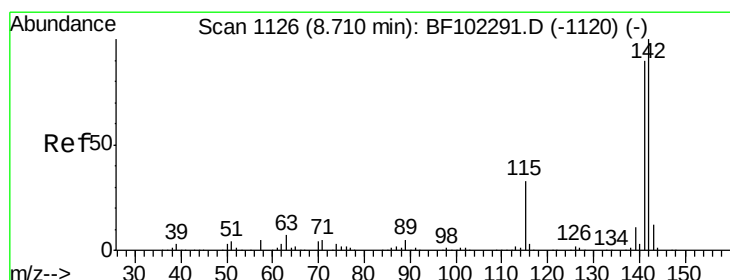
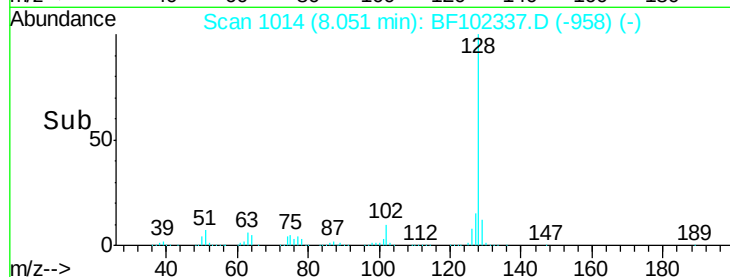
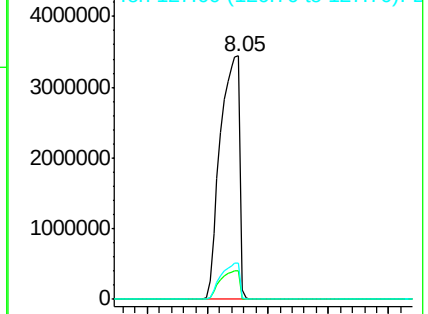
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 33.006 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.01 min

Lab File: BF102337.D

Acq: 23 Jan 2018 11:22

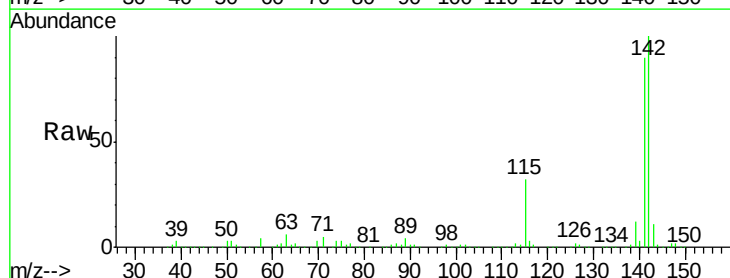
Tgt Ion:142 Resp: 555374

Ion Ratio Lower Upper

142 100

141 89.6 70.8 106.2

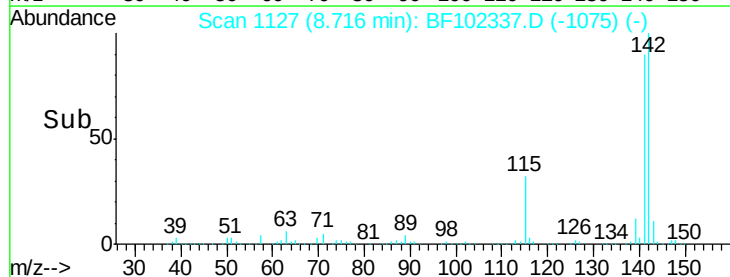
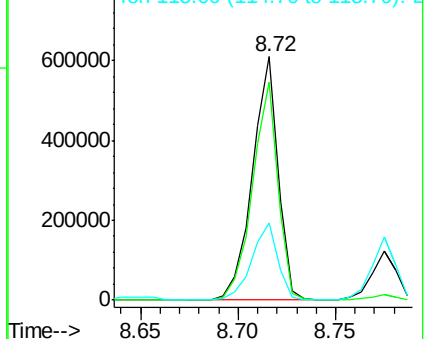
115 31.9 26.1 39.1

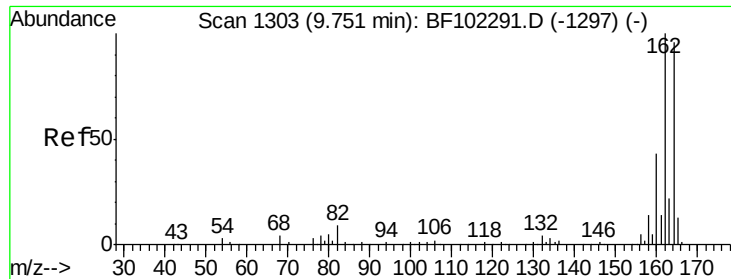


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF102337.D

Acq: 23 Jan 2018 11:22

Instrument :

BNA_F

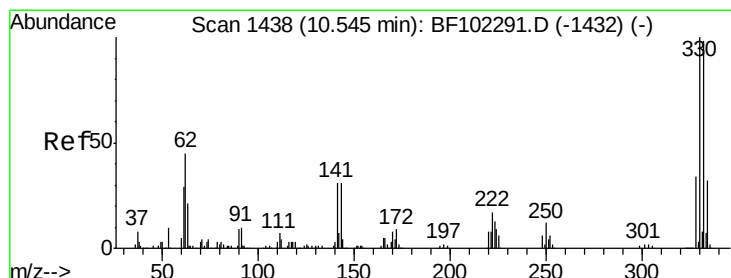
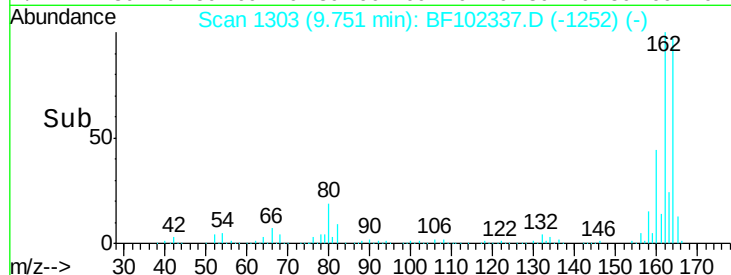
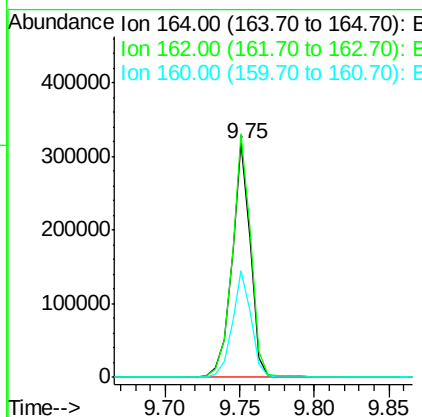
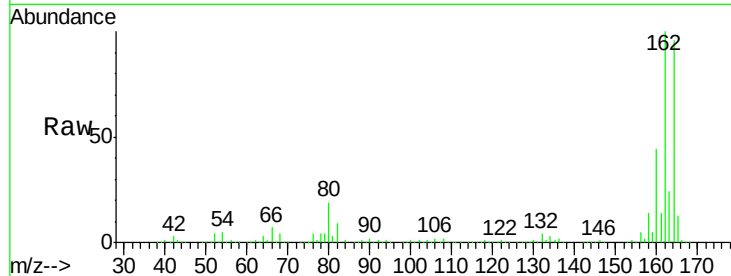
ClientSampleId :

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Tgt Ion:	164	Resp:	276376
Ion Ratio	Lower	Upper	
164	100		
162	103.9	86.1	129.1
160	45.6	38.3	57.5

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#41

2,4,6-Tribromophenol

Concen: 131.457 ng

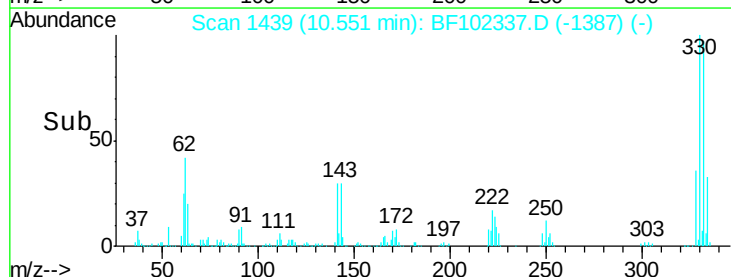
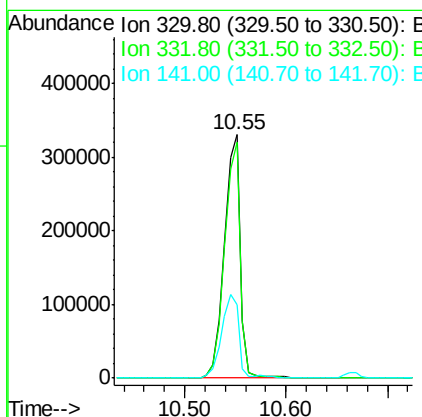
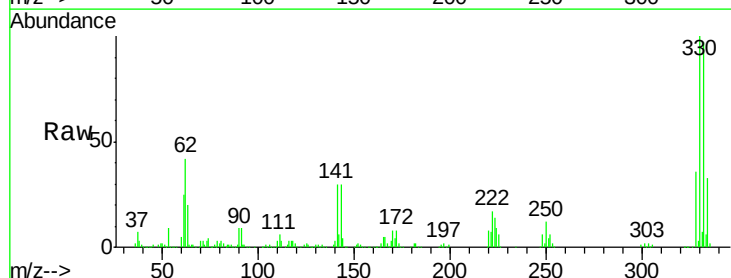
RT: 10.55 min Scan# 1439

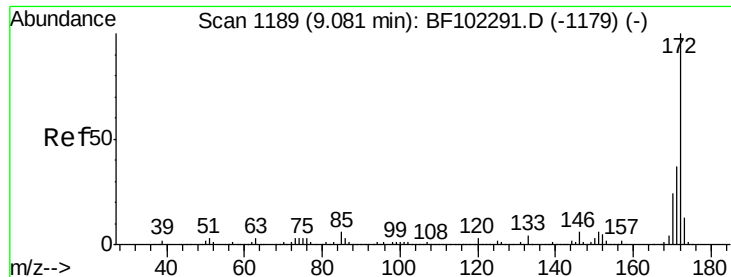
Delta R.T. 0.01 min

Lab File: BF102337.D

Acq: 23 Jan 2018 11:22

Tgt Ion:	330	Resp:	359993
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.0	115.6
141	36.9	29.9	44.9





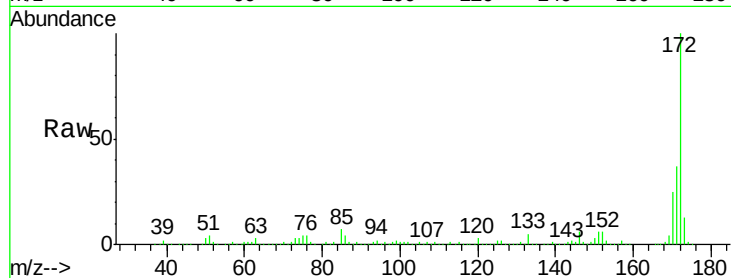
#44
2-Fluorobiphenyl
Concen: 88.572 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF102337.D
Acq: 23 Jan 2018 11:22

Instrument :
BNA_F
ClientSampleId :
WC-43-02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	24.8	19.6	29.4

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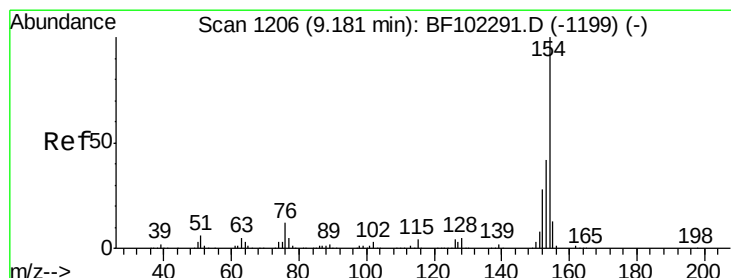
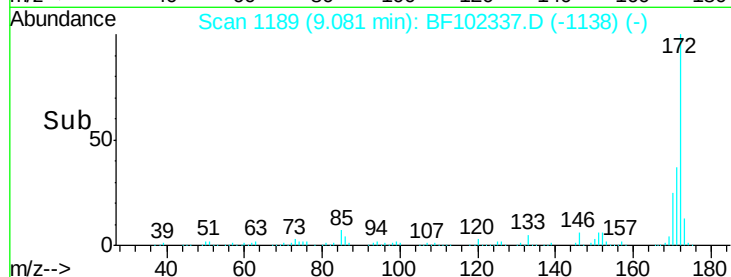
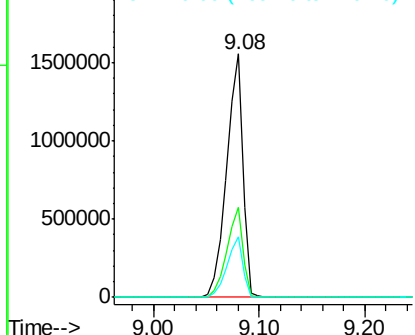


Abundance

Ion 172.00 (171.70 to 172.70): E

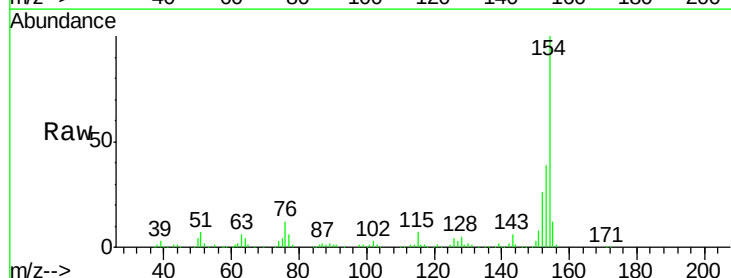
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45
1,1'-Biphenyl
Concen: 4.700 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF102337.D
Acq: 23 Jan 2018 11:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.4	21.3	61.3
76	11.9	0.0	34.0

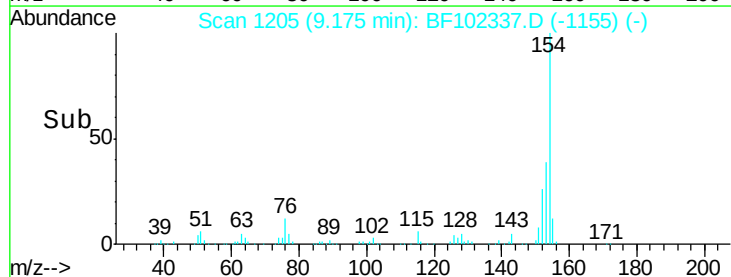
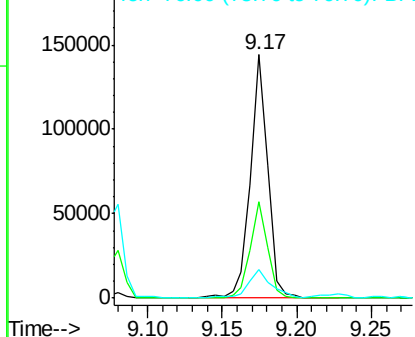


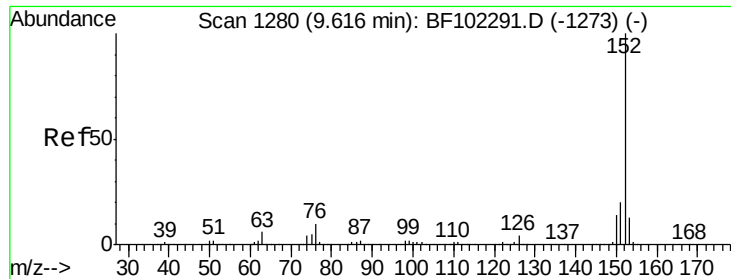
Abundance

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





#48

Acenaphthylene

Concen: 19.253 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.00 min

Lab File: BF102337.D

Acq: 23 Jan 2018 11:22

Instrument :

BNA_F

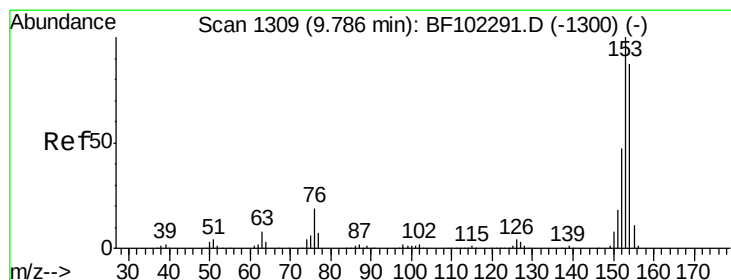
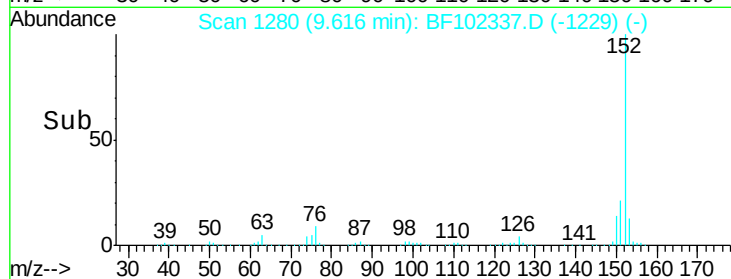
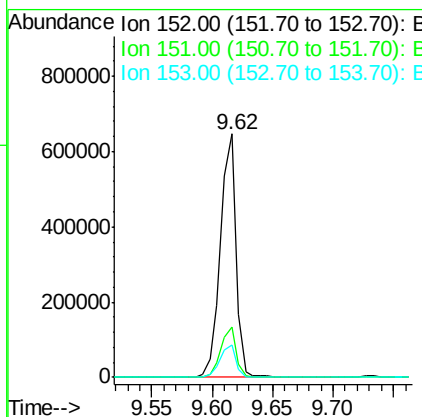
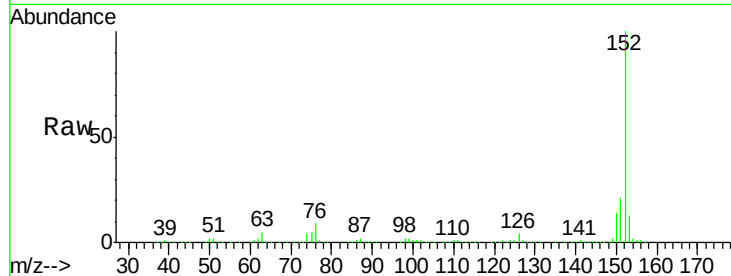
ClientSampleId :

WC-43-02

Tgt Ion:	152	Resp:	576162
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.3	24.5
153	13.5	10.7	16.1

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#51

Acenaphthene

Concen: 6.231 ng

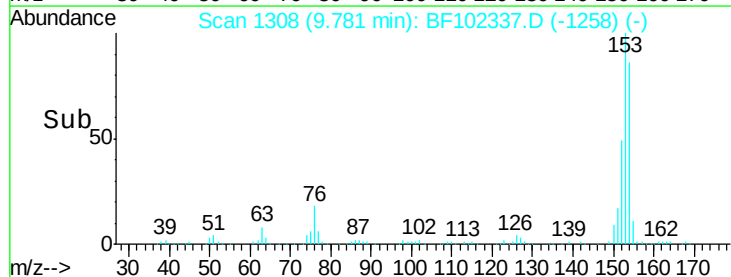
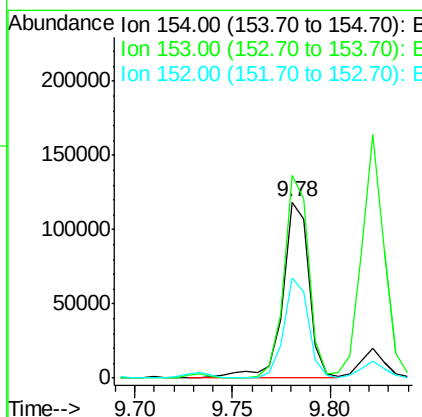
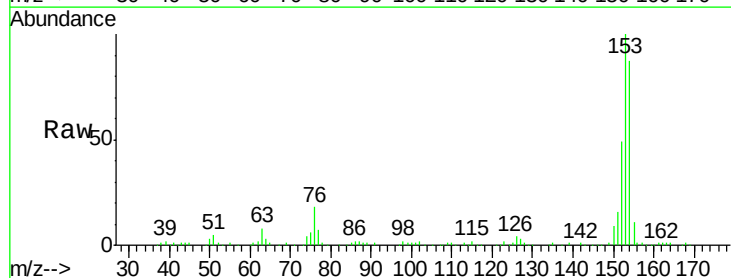
RT: 9.78 min Scan# 1308

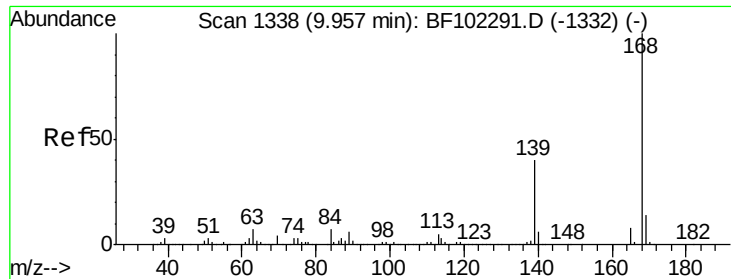
Delta R.T. -0.01 min

Lab File: BF102337.D

Acq: 23 Jan 2018 11:22

Tgt Ion:	154	Resp:	108899
Ion Ratio	Lower	Upper	
154	100		
153	115.3	91.2	136.8
152	56.8	43.8	65.8





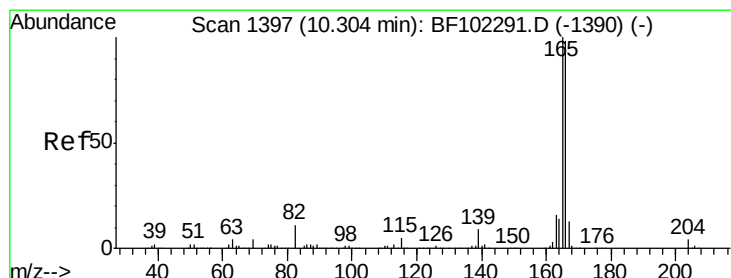
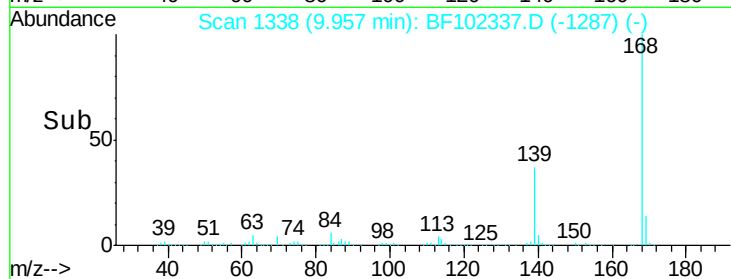
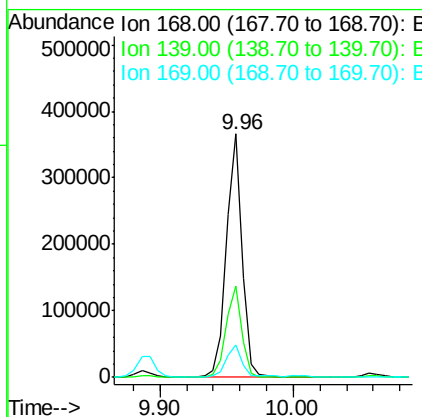
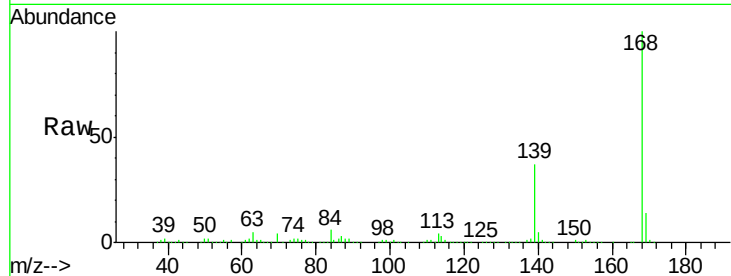
#54
Dibenzofuran
Concen: 13.021 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF102337.D
Acq: 23 Jan 2018 11:22

Instrument :
BNA_F
ClientSampleId :
WC-43-02

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	307988		
139	37.5	30.1	45.1	
169	13.5	10.9	16.3	

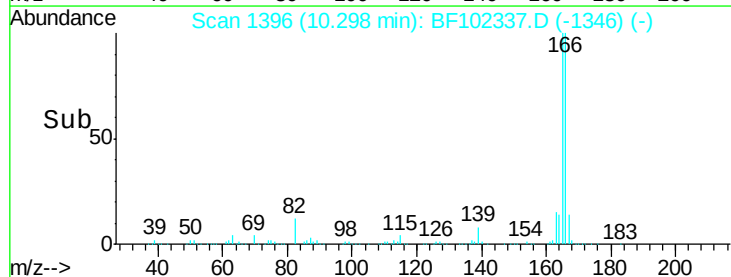
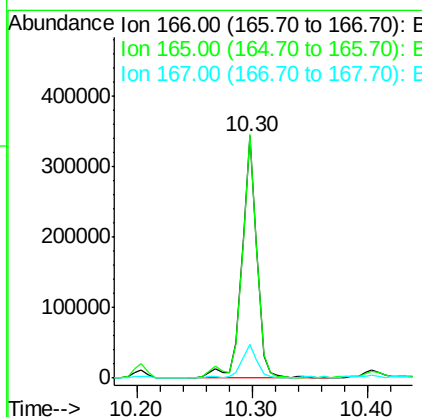
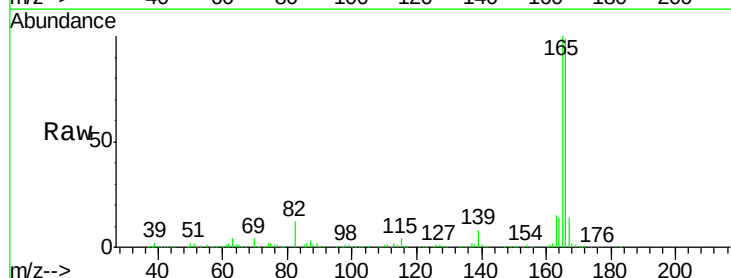
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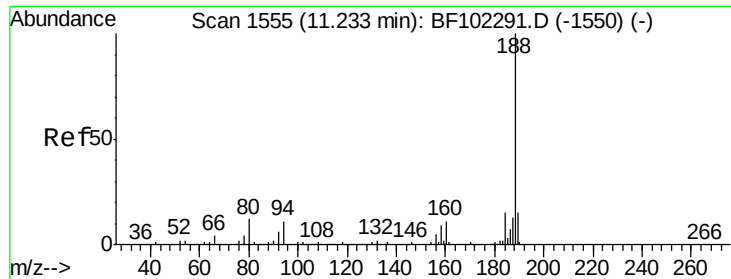
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#57
Fluorene
Concen: 16.469 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF102337.D
Acq: 23 Jan 2018 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	308683		
165	100.5	79.8	119.8	
167	14.0	10.6	16.0	





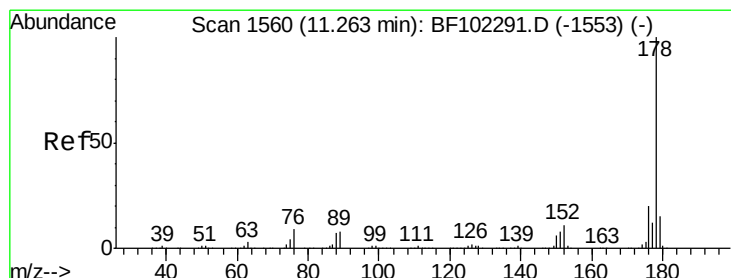
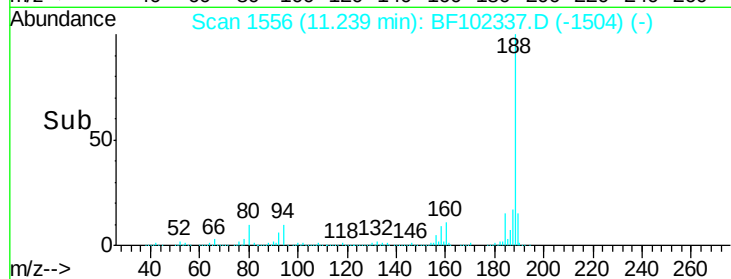
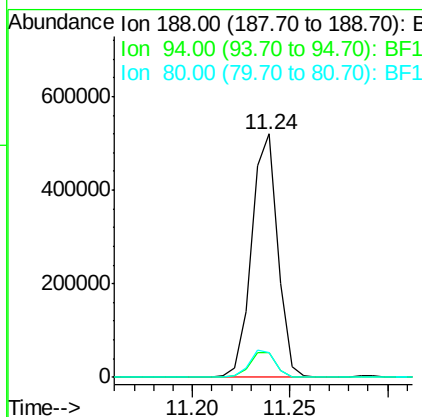
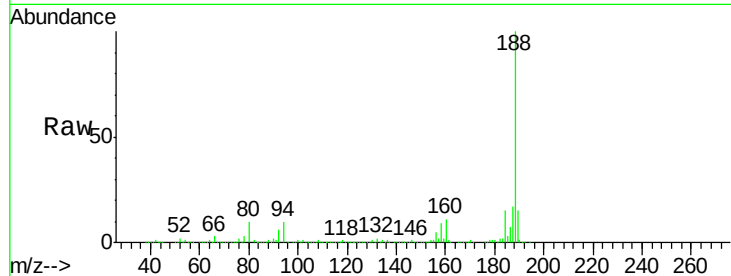
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.01 min
Lab File: BF102337.D
Acq: 23 Jan 2018 11:22

Instrument :
BNA_F
ClientSampleId :
WC-43-02

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.0	8.5	12.7
80	10.3	9.2	13.8

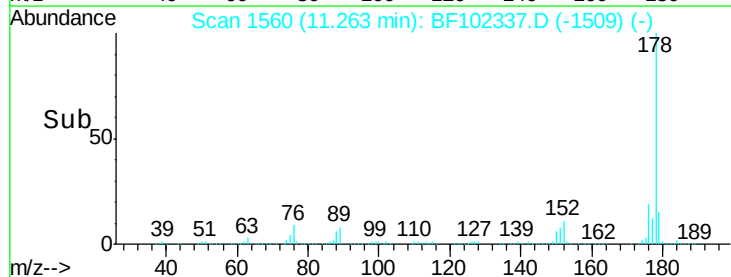
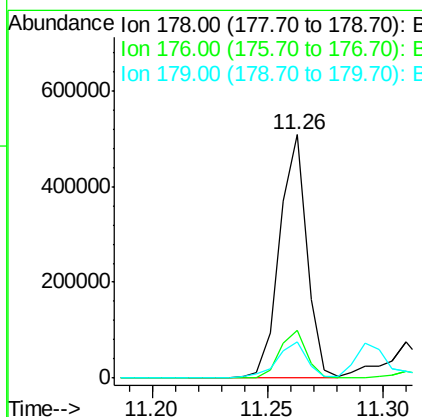
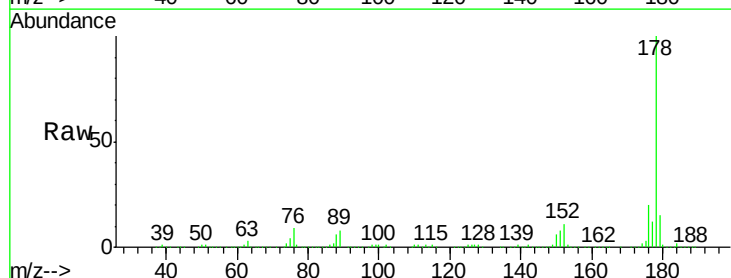
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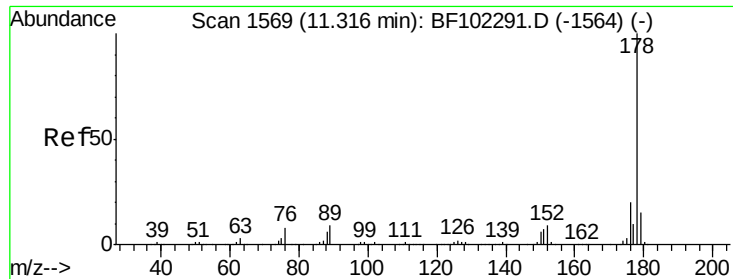
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#70
Phenanthrene
Concen: 14.727 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF102337.D
Acq: 23 Jan 2018 11:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.5	15.8	23.8
179	14.9	13.0	19.6





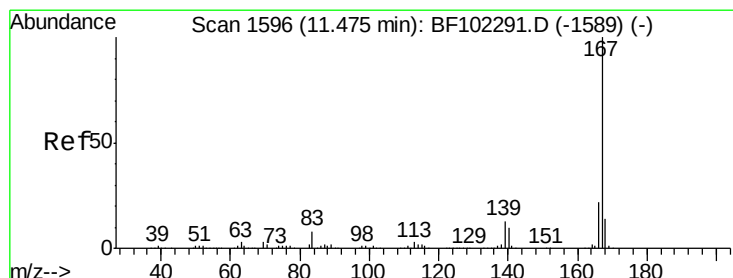
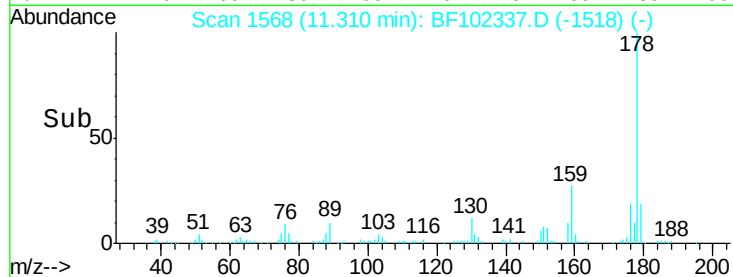
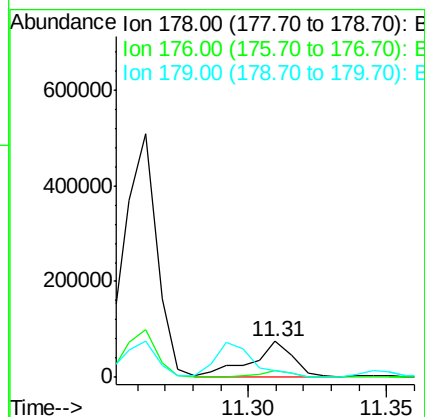
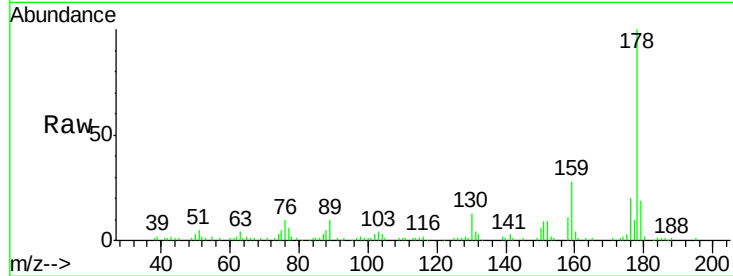
#71
 Anthracene
 Concen: 2.661 ng m
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF102337.D
 Acq: 23 Jan 2018 11:22

Instrument :
 BNA_F
 ClientSampleId :
 WC-43-02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	19.4	12.6	19.0

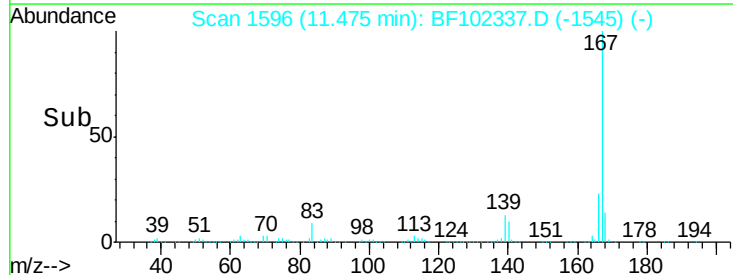
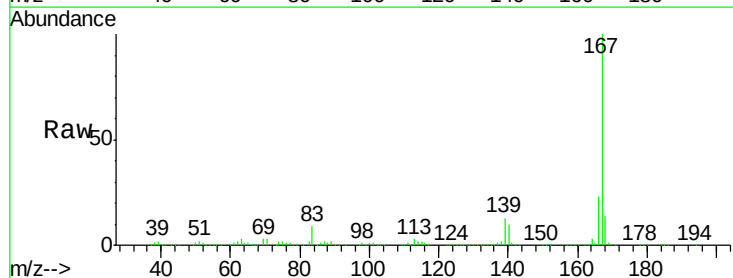
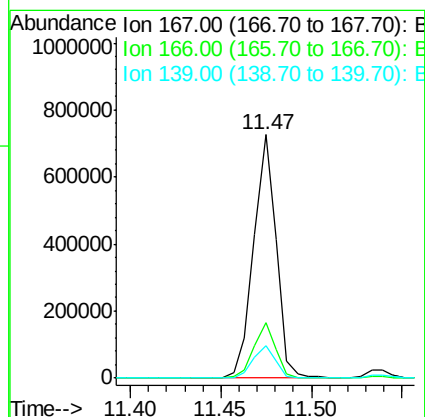
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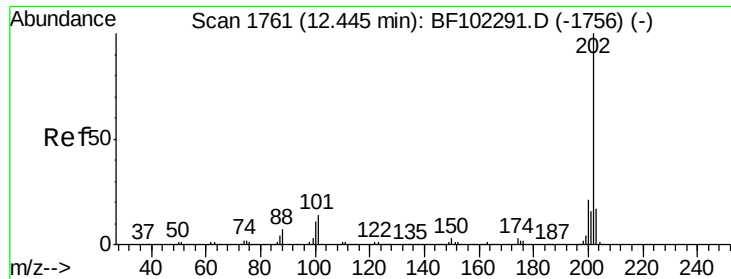
Sohil
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#72
 Carbazole
 Concen: 22.485 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF102337.D
 Acq: 23 Jan 2018 11:22

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.6	26.4
139	13.5	10.9	16.3





#74

Fluoranthene

Concen: 2.125 ng

RT: 12.45 min Scan# 1761

Delta R.T. -0.00 min

Lab File: BF102337.D

Acq: 23 Jan 2018 11:22

Instrument :

BNA_F

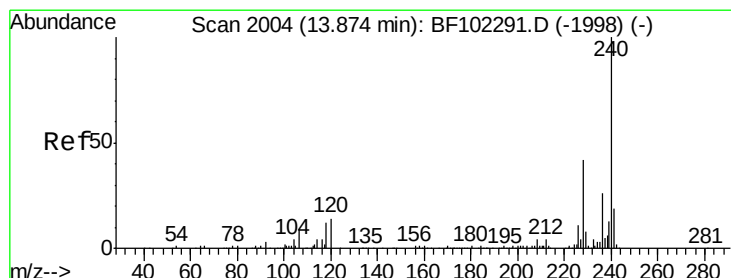
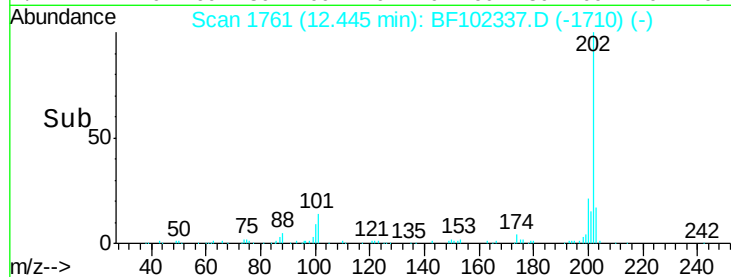
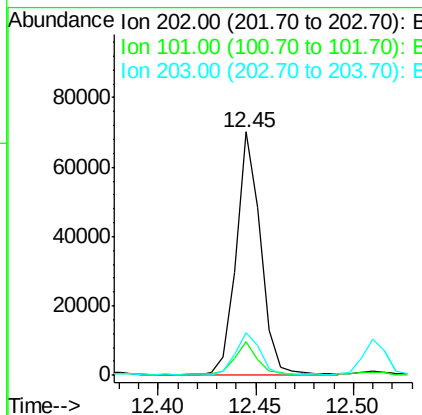
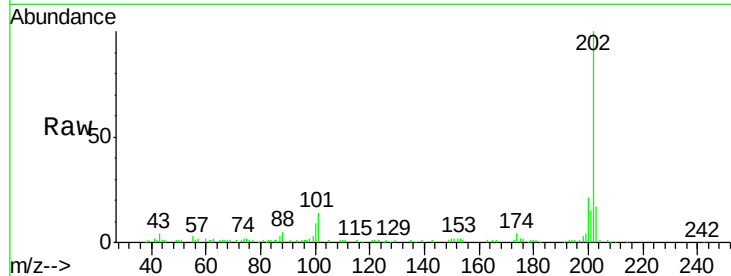
ClientSampleId :

WC-43-02

Tgt Ion:	202	Resp:	61055
Ion Ratio	Lower	Upper	
202	100		
101	14.0	0.0	34.1
203	17.4	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

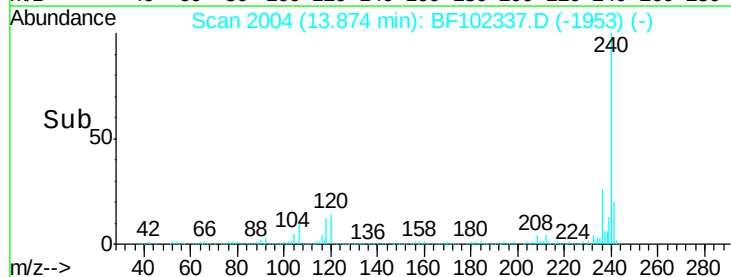
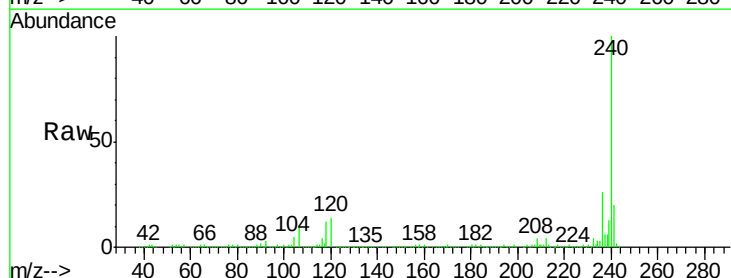
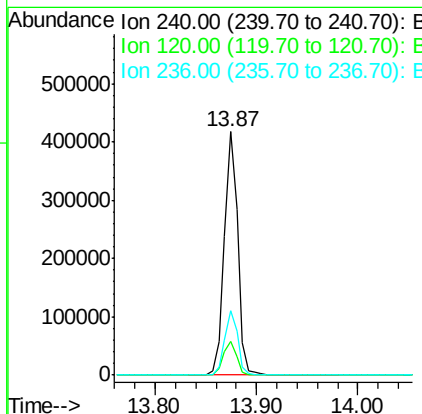
RT: 13.87 min Scan# 2004

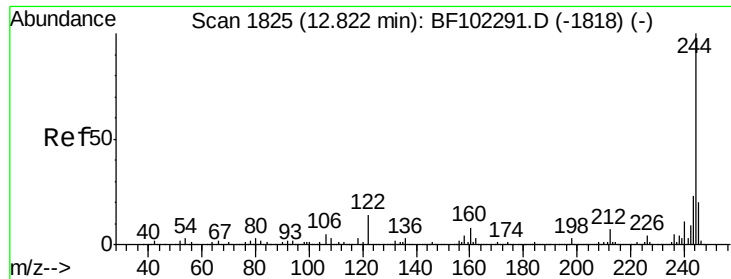
Delta R.T. -0.00 min

Lab File: BF102337.D

Acq: 23 Jan 2018 11:22

Tgt Ion:	240	Resp:	382932
Ion Ratio	Lower	Upper	
240	100		
120	14.0	9.5	14.3
236	26.4	20.7	31.1





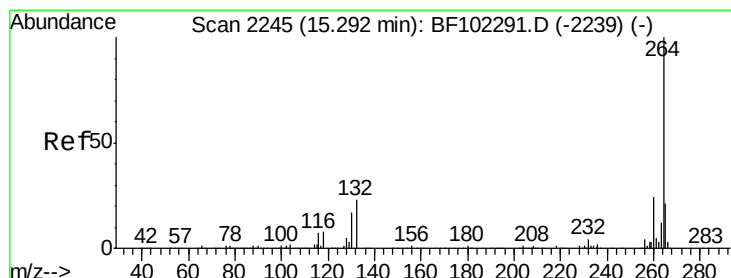
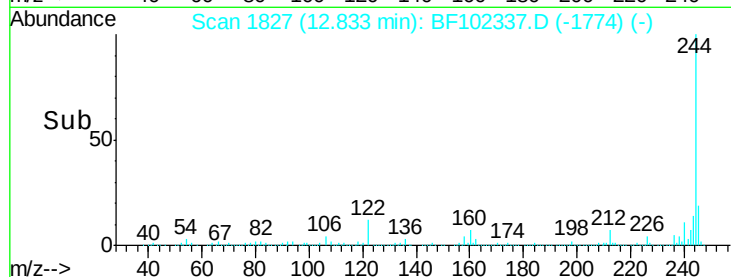
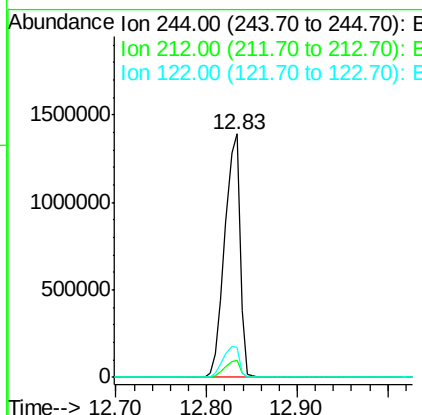
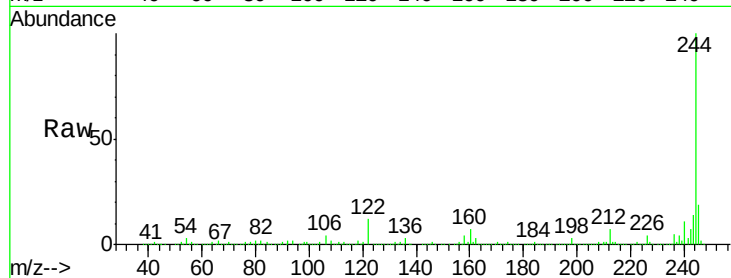
#78
 Terphenyl-d14
 Concen: 95.705 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: BF102337.D
 Acq: 23 Jan 2018 11:22

Instrument :
 BNA_F
 ClientSampleId :
 WC-43-02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.5	11.0	16.4

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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: BF102337.D
 Acq: 23 Jan 2018 11:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.2	17.5	26.3

