

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
 Data File : BF110968.D
 Acq On : 26 Nov 2018 17:20
 Operator : JU/SJ
 Sample : J6030-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DTW-03

Manual Integrations
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 11/27/2018 11:47:39 AM

Quant Time: Nov 27 10:41:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 26 15:26:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	62765	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	265749	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	131337	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	216151	20.00	ng	0.00
76) Chrysene-d12	14.13	240	131664	20.00	ng	0.00
87) Perylene-d12	15.67	264	132115	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	304729	80.51	ng	0.01
7) Phenol-d6	6.59	99	263900	53.50	ng	0.02
23) Nitrobenzene-d5	7.51	82	354594	76.36	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	141219	108.27	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	658745	72.67	ng	0.00
79) Terphenyl-d14	13.06	244	533662	78.90	ng	0.00
Target Compounds						
6) Aniline	6.62	93	40315	6.612	ng	80
10) Phenol	6.60	94	48990	8.820	ng	83
17) 2-Methylphenol	7.20	107	20399	5.720	ng	80
20) 3+4-Methylphenols	7.36	107	100587m	21.217	ng	
22) Acetophenone	7.35	105	231779	37.209	ng	93
27) 2,4-Dimethylphenol	7.88	122	32266	9.107	ng	99
31) Naphthalene	8.26	128	3001696	240.963	ng	98
32) Benzoic acid	8.02	122	118054m	44.818	ng	
37) 2-Methylnaphthalene	8.93	142	101876	12.382	ng	99
38) 1-Methylnaphthalene	9.03	142	97865	12.228	ng	95
46) 1,1'-Biphenyl	9.40	154	36393	3.006	ng	100
55) Dibenzofuran	10.19	168	82801	7.092	ng	97
58) Fluorene	10.53	166	67326	7.412	ng	99
71) Phenanthrene	11.50	178	213090	18.614	ng	99

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

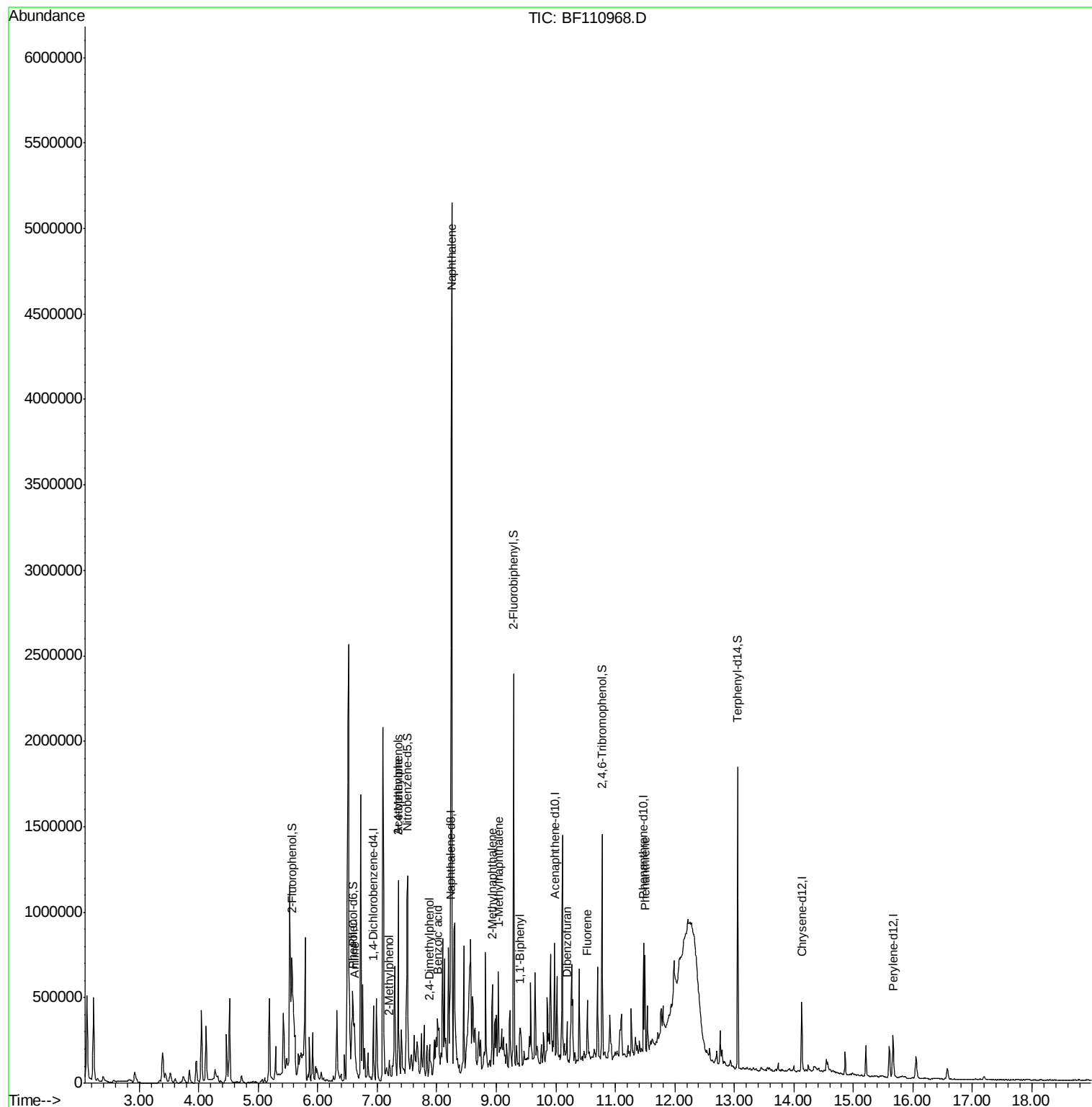
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110968.D
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Sample : J6030-02
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ALS Vial : 9 Sample Multiplier: 1

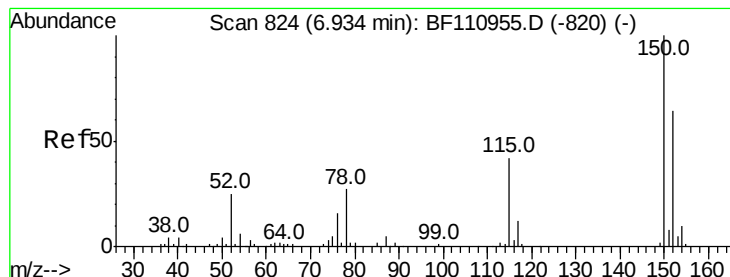
Instrument :
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#1

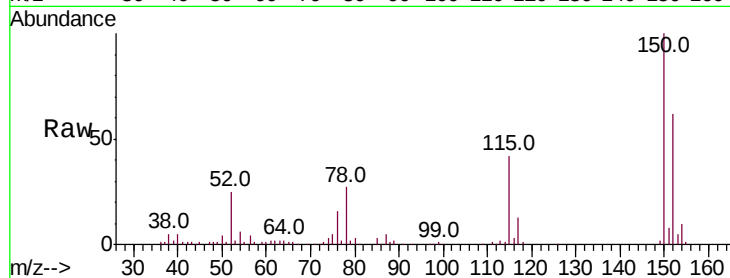
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF110968.D
Acq: 26 Nov 2018 17:20

Instrument :
BNA_F
ClientSampleID :
DTW-03

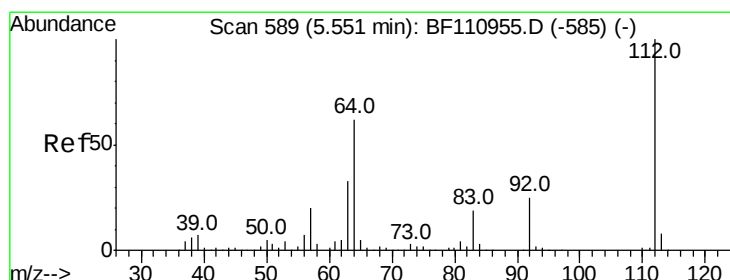
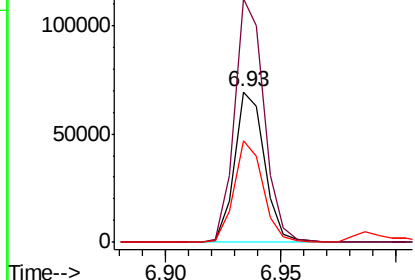
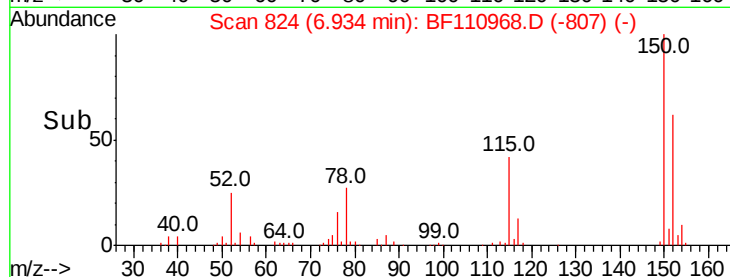
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.6	122.7	184.1
115	67.7	49.1	73.7

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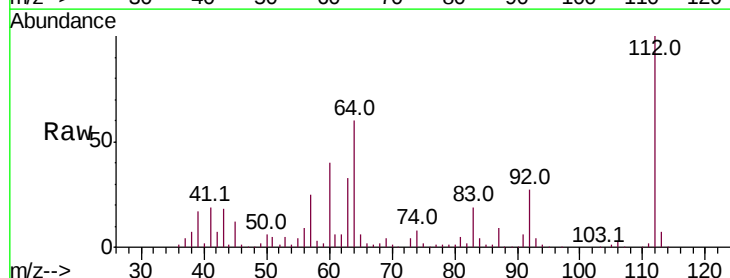
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



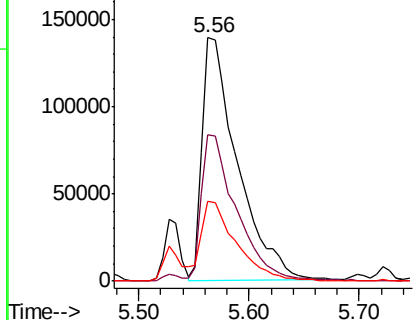
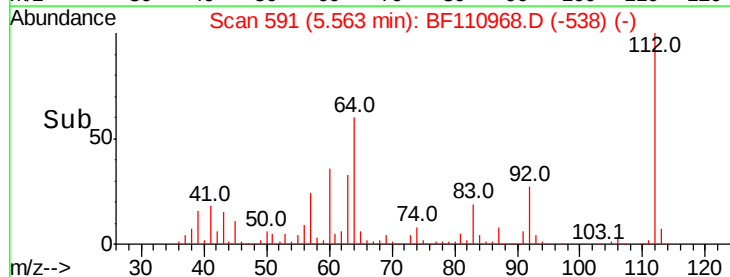
#5

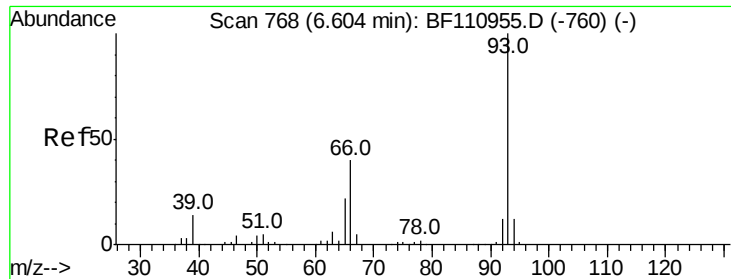
2-Fluorophenol
Concen: 80.513 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF110968.D
Acq: 26 Nov 2018 17:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	44.1	66.1
63	32.9	23.7	35.5



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





#6

Aniline

Concen: 6.612 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF110968.D

Acq: 26 Nov 2018 17:20

Instrument :

BNA_F

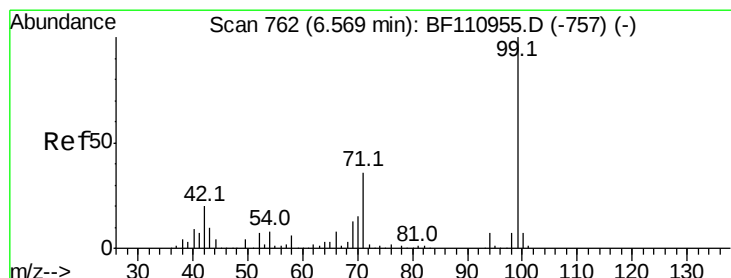
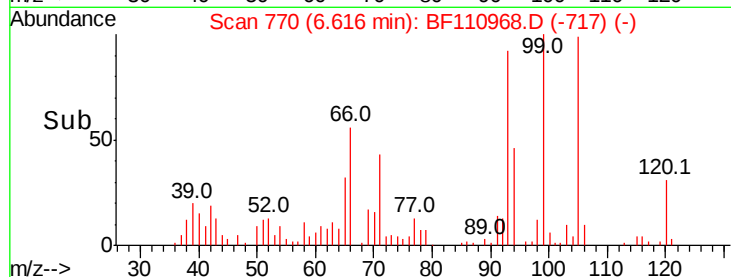
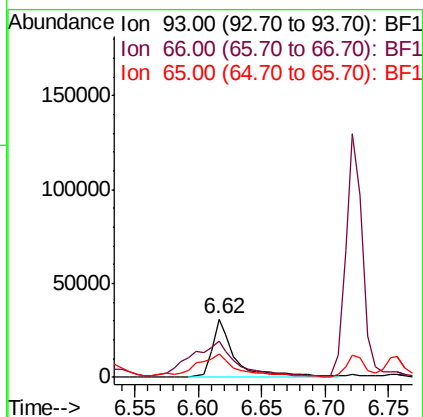
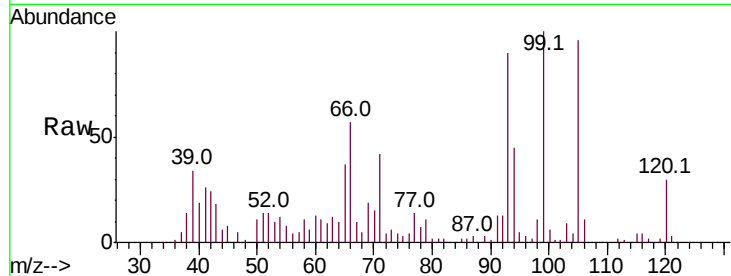
ClientSampleId :

DTW-03

Tot Ion	Ratio	Lower	Upper
93	100		
66	63.2	67.4	101.0#
65	41.2	41.0	61.4

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#7

Phenol-d6

Concen: 53.504 ng

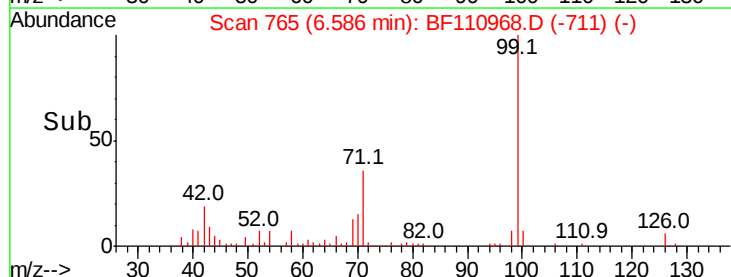
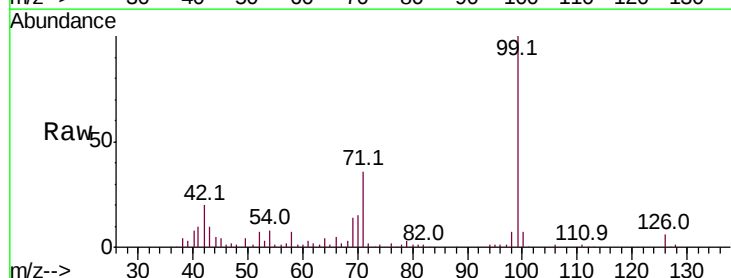
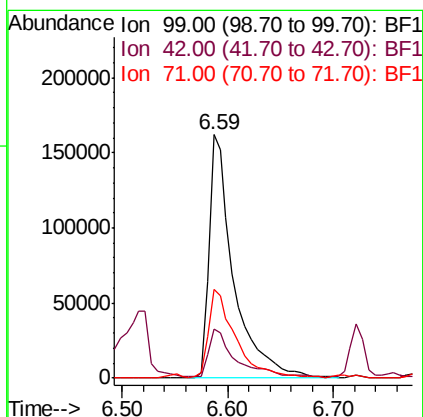
RT: 6.59 min Scan# 765

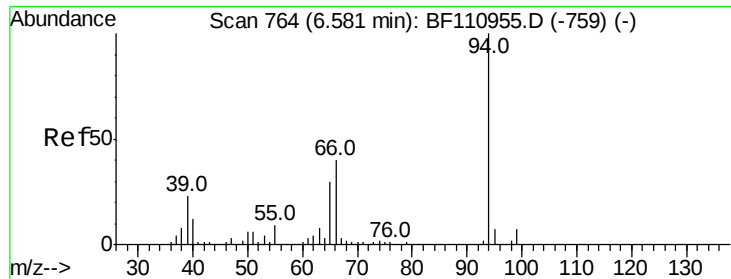
Delta R.T. 0.02 min

Lab File: BF110968.D

Acq: 26 Nov 2018 17:20

Tgt Ion	Ratio	Lower	Upper
99	100		
42	20.3	15.8	23.6
71	36.4	28.0	42.0





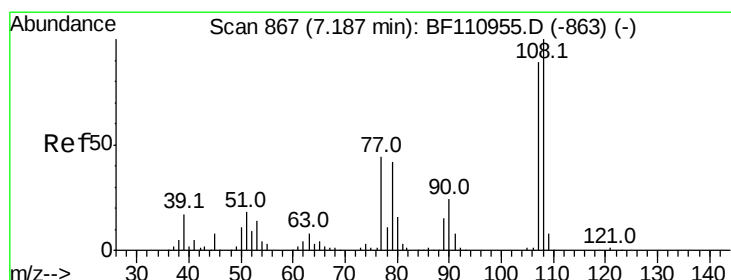
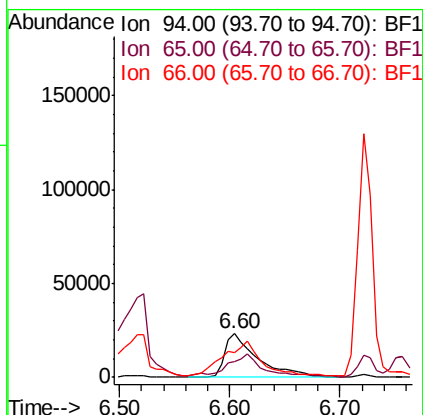
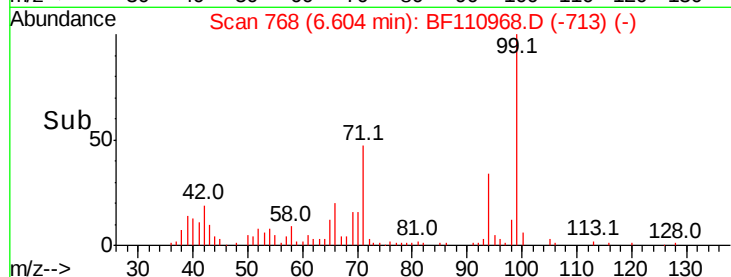
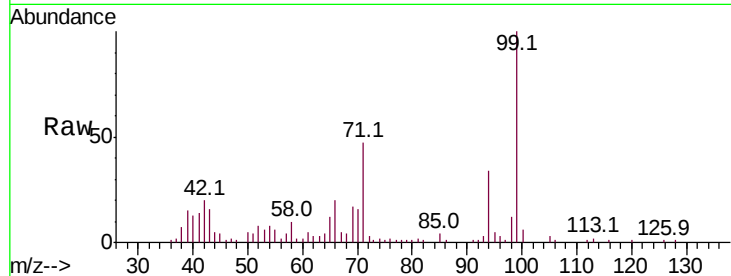
#10
Phenol
Concen: 8.820 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.02 min
Lab File: BF110968.D
Acq: 26 Nov 2018 17:20

Instrument :
BNA_F
ClientSampleId :
DTW-03

Tot Ion	Ratio	Lower	Upper
94	100		
65	36.5	25.3	65.3
66	57.8	54.5	94.5

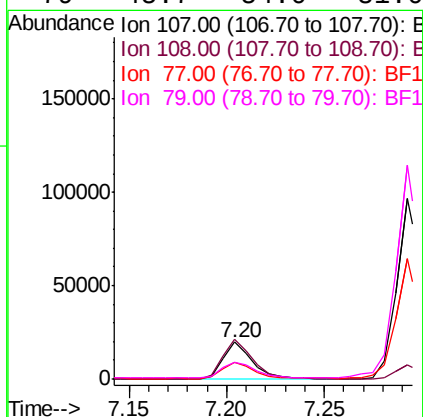
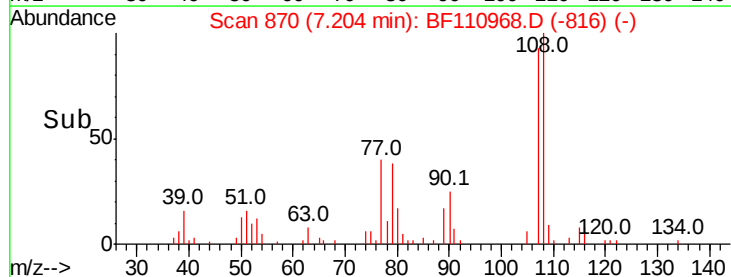
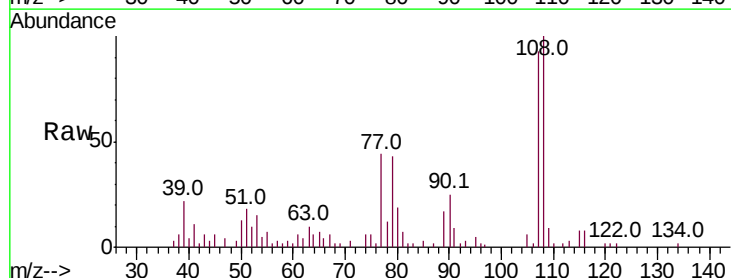
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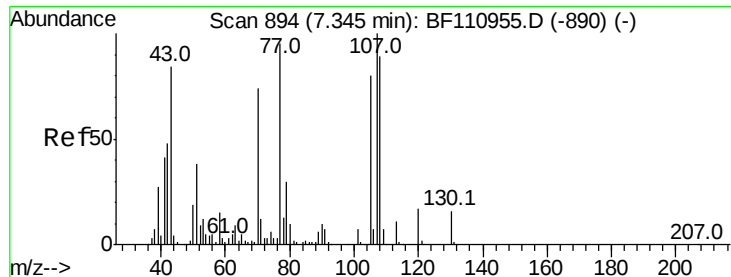
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#17
2-Methylphenol
Concen: 5.720 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.02 min
Lab File: BF110968.D
Acq: 26 Nov 2018 17:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	107.0	92.6	138.8
77	47.2	59.4	89.2#
79	45.7	54.0	81.0#





#20

3+4-Methylphenols

Concen: 21.217 ng/mL

RT: 7.36 min Scan# 896

Delta R.T. 0.01 min

Lab File: BF110968.D

Acq: 26 Nov 2018 17:20

Instrument :

BNA_F

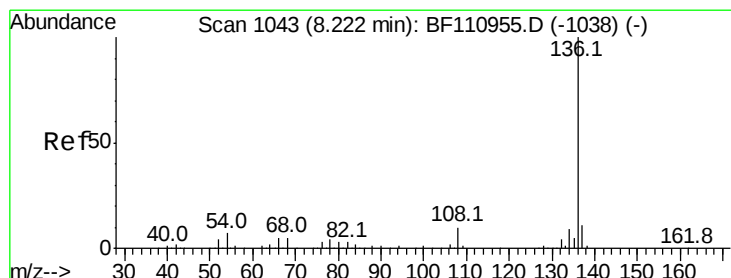
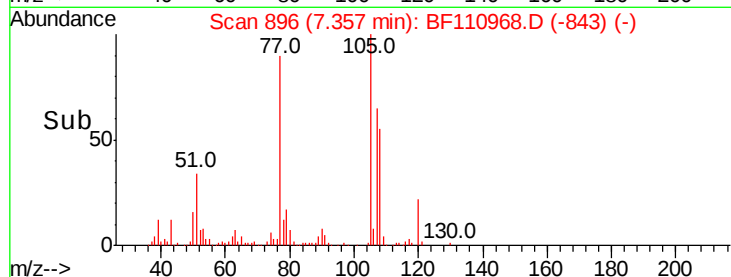
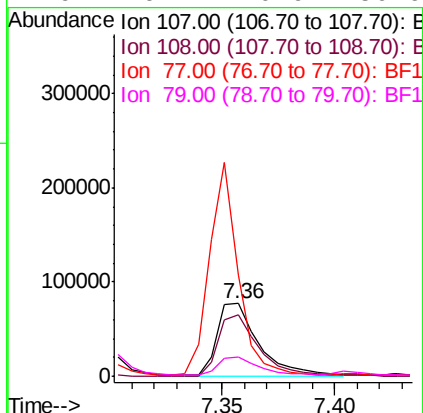
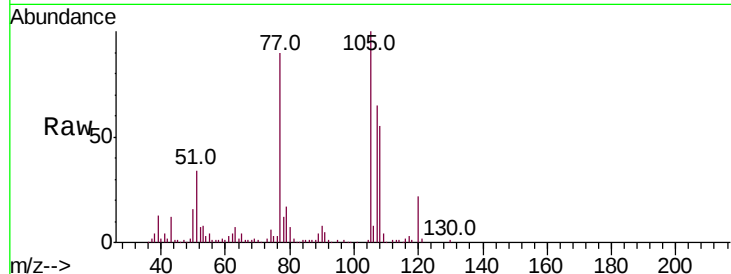
ClientSampleId :

DTW-03

Tot Ion	Ratio	Resp	Lower	Upper
107	100	100587		
108	84.4	71.4	111.4	
77	138.5	47.3	87.3	
79	26.1	10.9	50.9	

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#21

Naphthalene-d8

Concen: 20.000 ng

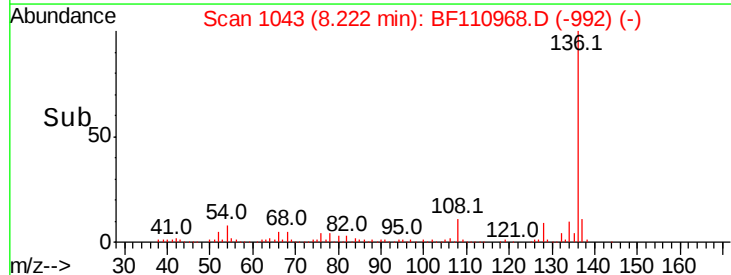
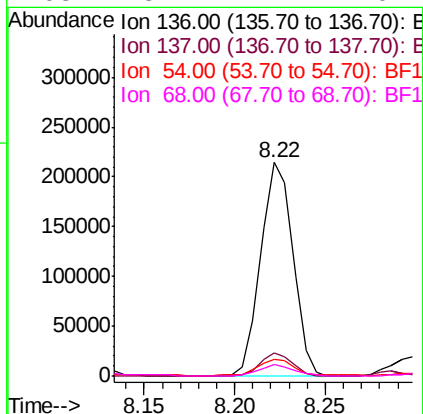
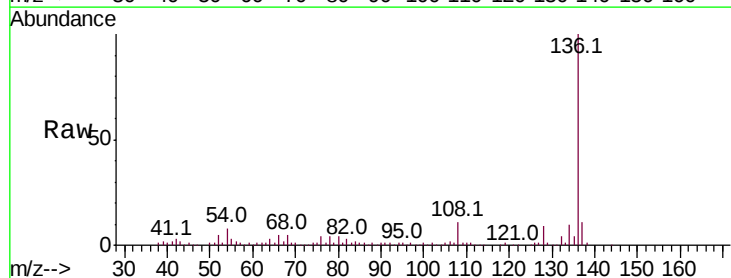
RT: 8.22 min Scan# 1043

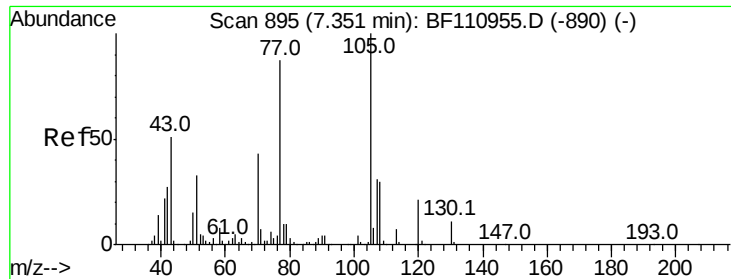
Delta R.T. -0.00 min

Lab File: BF110968.D

Acq: 26 Nov 2018 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	265749		
137	10.6	8.8	13.2	
54	8.1	5.4	8.2	
68	5.1	4.2	6.2	





#22

Acetophenone

Concen: 37.209 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.00 min

Lab File: BF110968.D

Acq: 26 Nov 2018 17:20

Instrument :

BNA_F

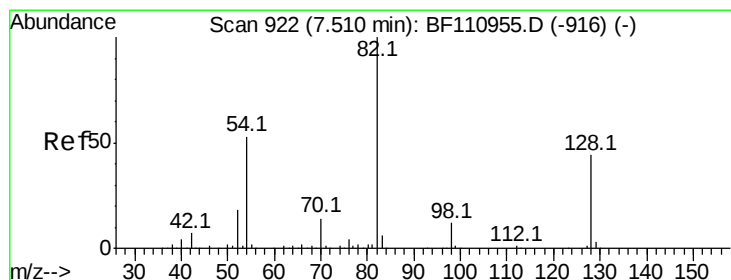
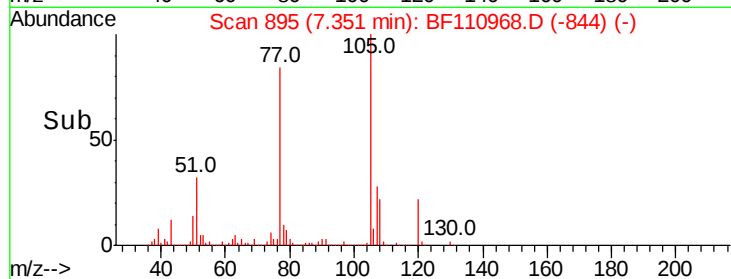
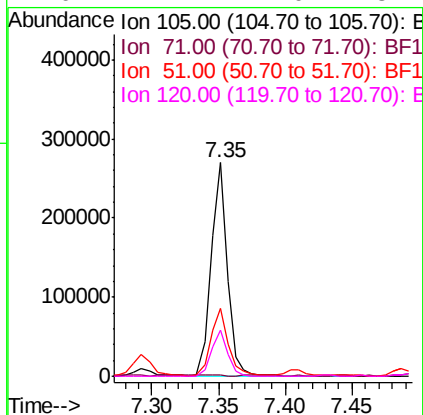
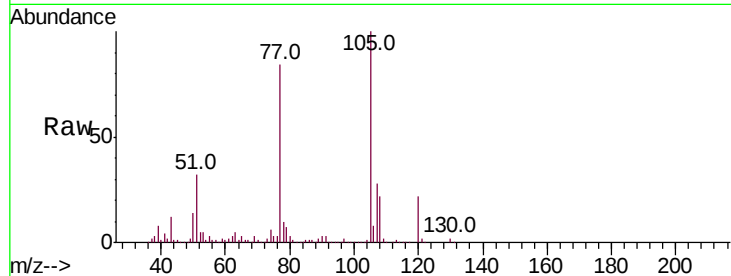
ClientSampleId :

DTW-03

Tot Ion	Ion	Ratio	Resp	Lower	Upper
231779	105	100			
	71	0.4	5.2	7.8#	
	51	31.8	21.8	32.8	
	120	21.7	17.0	25.4	

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#23

Nitrobenzene-d5

Concen: 76.364 ng

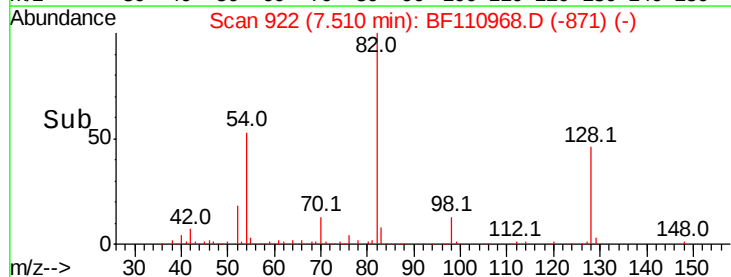
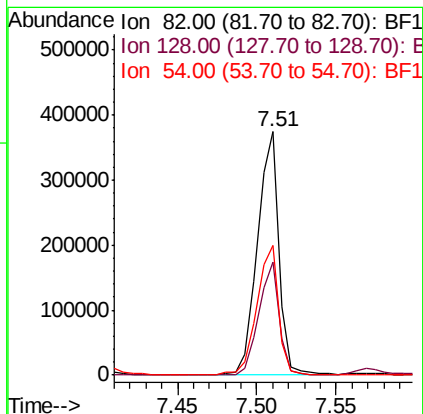
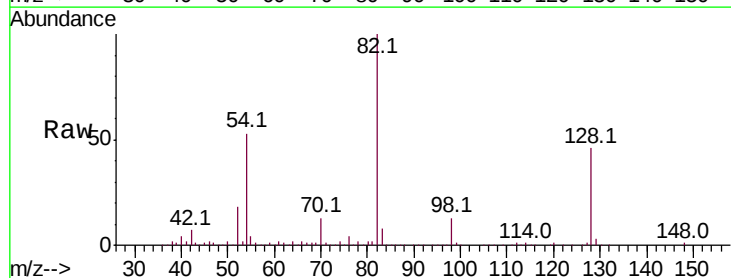
RT: 7.51 min Scan# 922

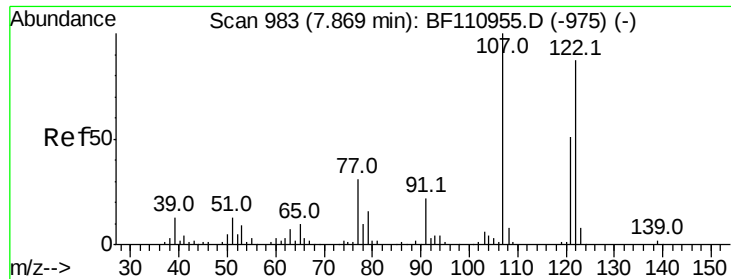
Delta R.T. -0.00 min

Lab File: BF110968.D

Acq: 26 Nov 2018 17:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
354594	82	100			
	128	46.4	34.2	51.2	
	54	53.3	38.6	58.0	





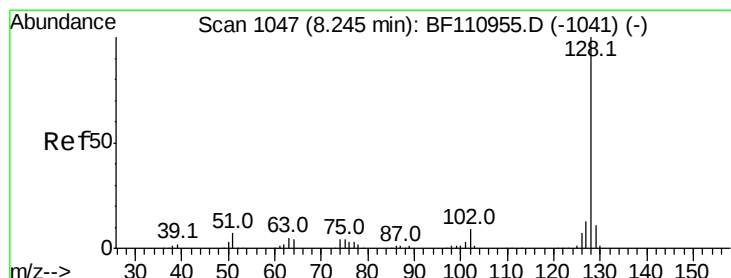
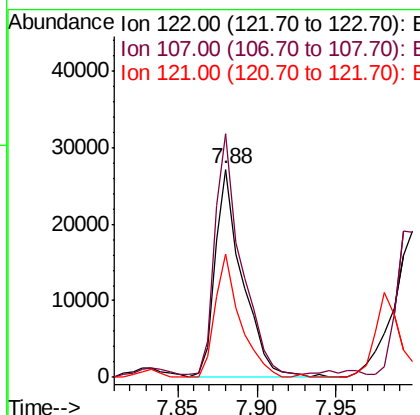
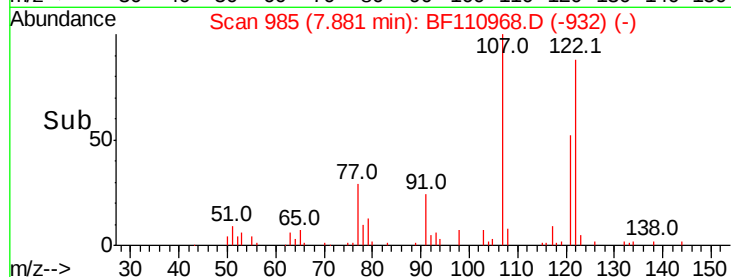
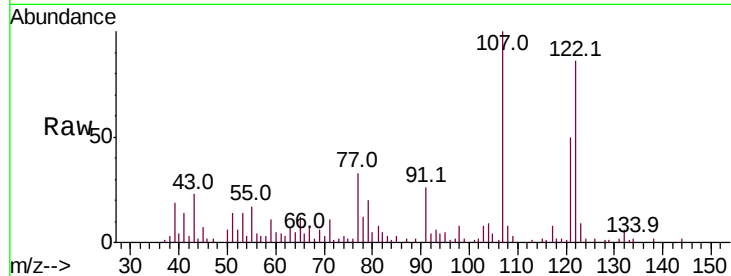
#27
2,4-Dimethylphenol
Concen: 9.107 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.01 min
Lab File: BF110968.D
Acq: 26 Nov 2018 17:20

Instrument :
BNA_F
ClientSampleId :
DTW-03

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.9	92.5	138.7
121	58.9	45.8	68.8

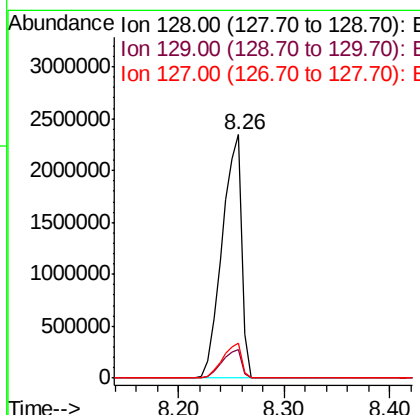
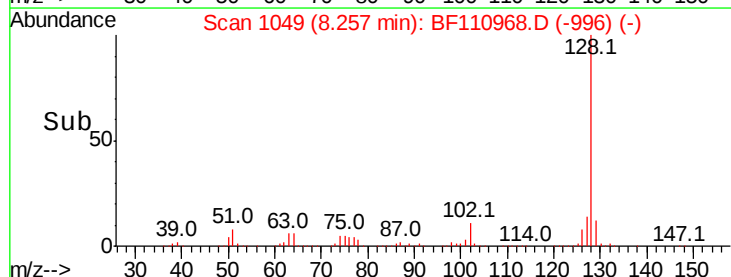
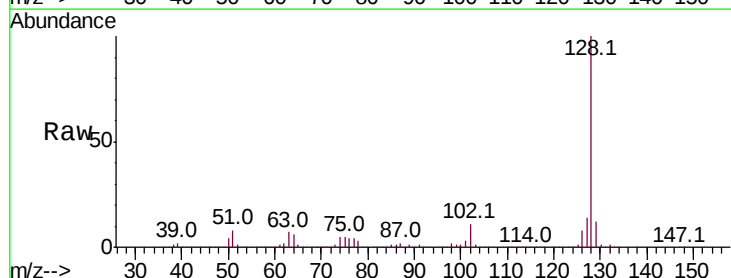
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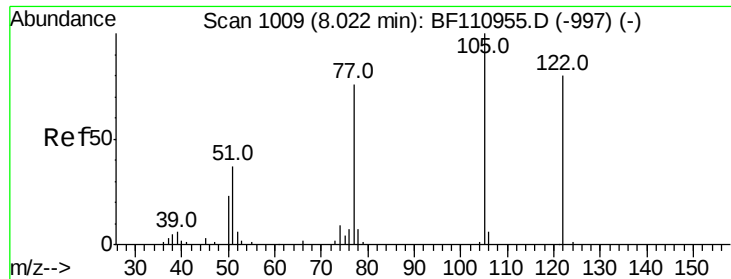
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#31
Naphthalene
Concen: 240.963 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF110968.D
Acq: 26 Nov 2018 17:20

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.8	13.2
127	14.4	10.8	16.2





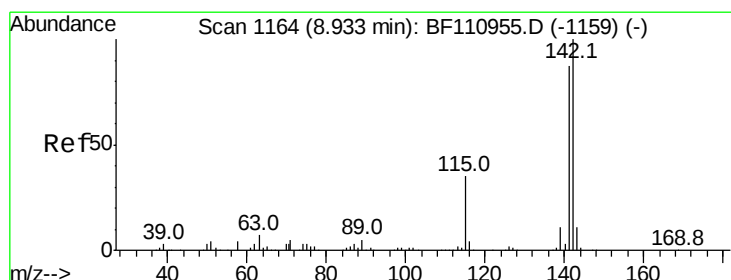
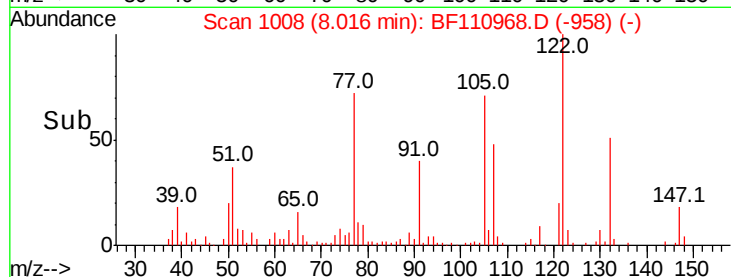
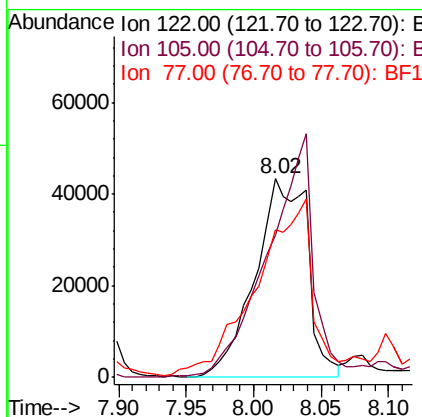
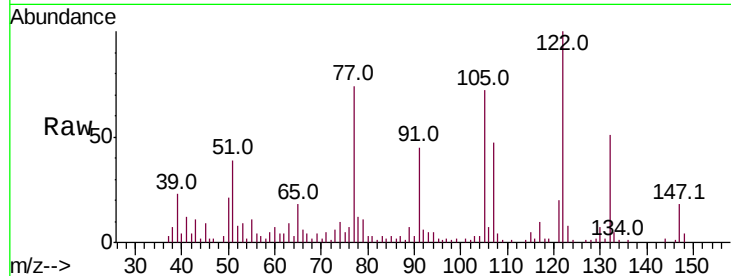
#32
Benzoic acid
Concen: 44.818 ng/ml
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF110968.D
Acq: 26 Nov 2018 17:20

Instrument :
BNA_F
ClientSampleID :
DTW-03

Tot Ion	Ratio	Lower	Upper
122	100		
105	71.9	109.0	149.0#
77	74.3	79.0	119.0#

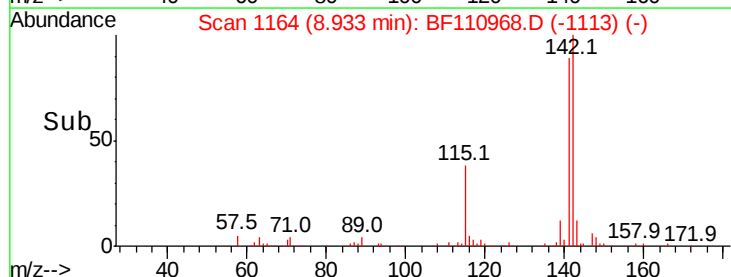
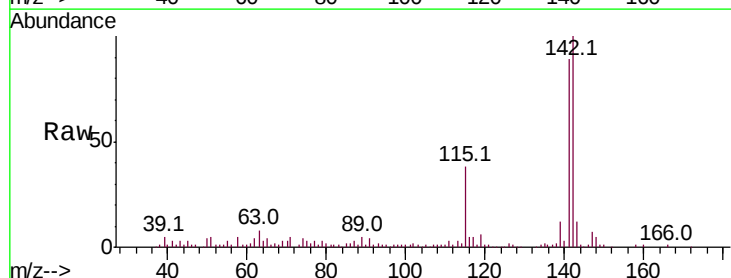
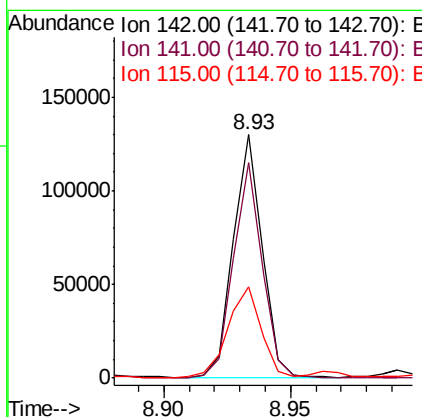
Manual Integrations
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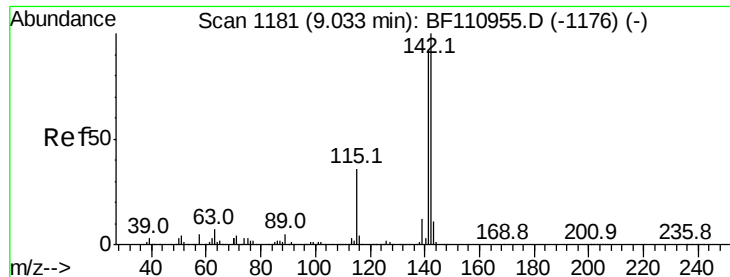
mohammad
11/27/2018 11:47:39 AM



#37
2-Methylnaphthalene
Concen: 12.382 ng/ml
RT: 8.93 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF110968.D
Acq: 26 Nov 2018 17:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.4	107.2
115	37.7	28.7	43.1





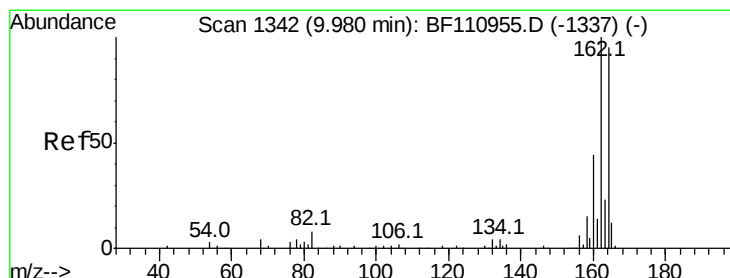
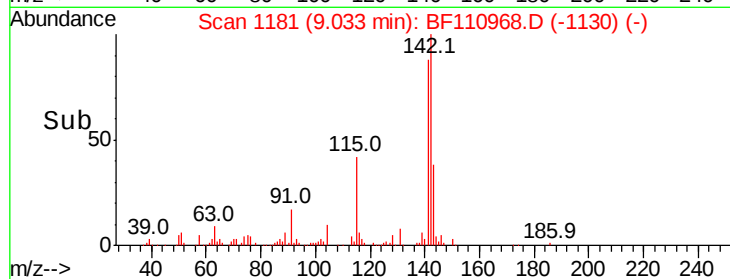
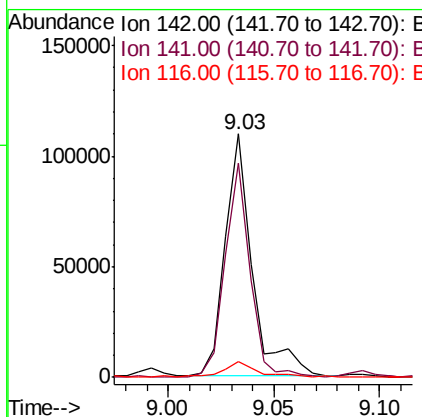
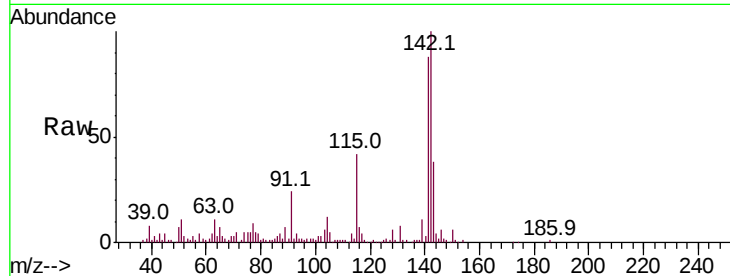
#38
1-Methylnaphthalene
Concen: 12.228 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF110968.D
Acq: 26 Nov 2018 17:20

Instrument :
BNA_F
ClientSampled :
DTW-03

Tot Ion	Ratio	Resp	Lower	Upper
142	100			
141	88.0	74.2	111.4	
116	6.5	2.6	4.0	

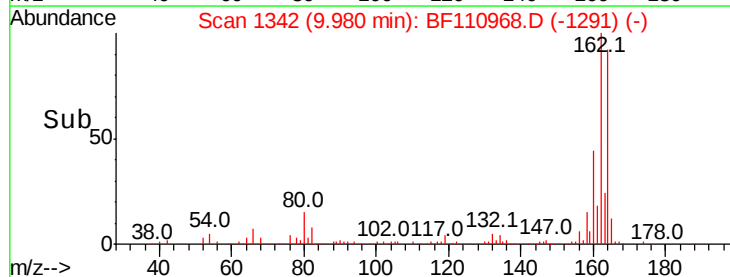
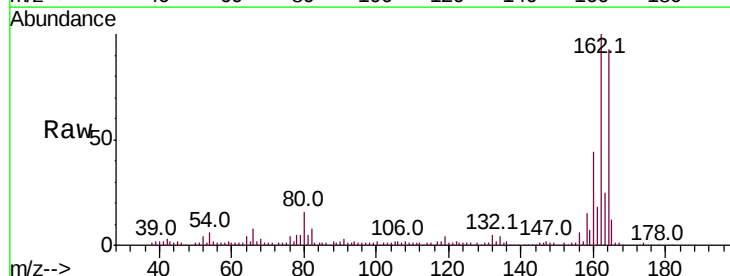
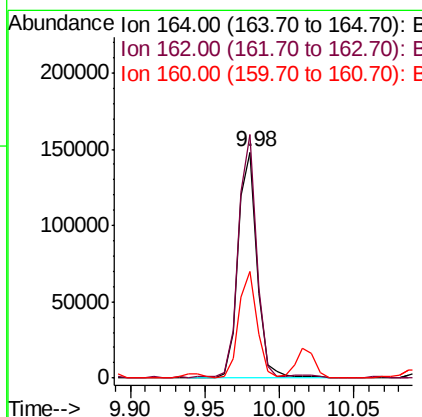
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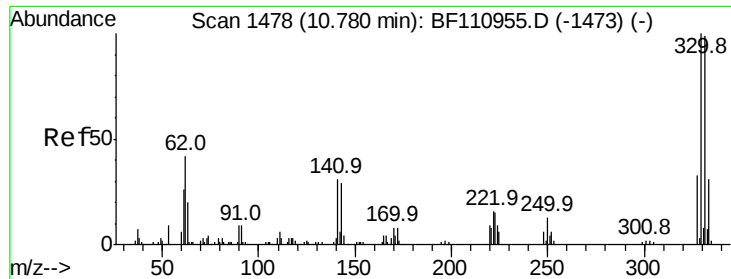
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF110968.D
Acq: 26 Nov 2018 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	107.8	83.0	124.6	
160	47.4	37.0	55.6	





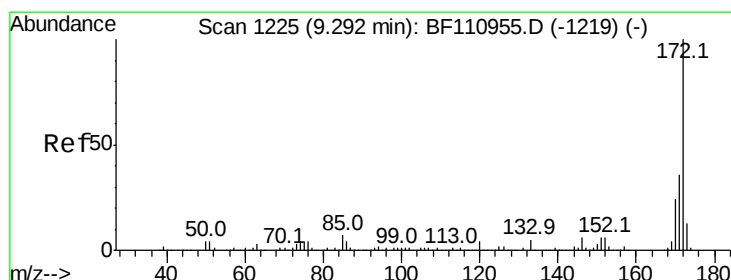
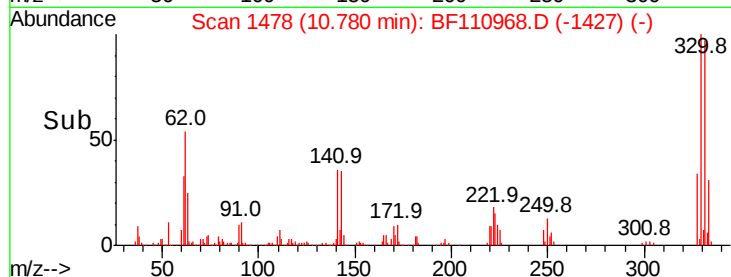
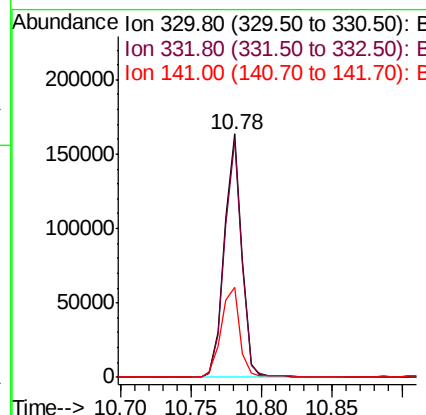
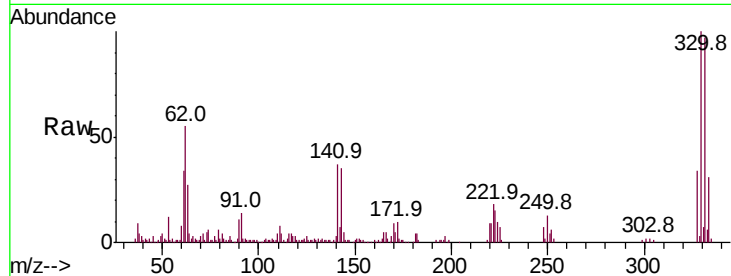
#42
 2,4,6-Tribromophenol
 Concen: 108.267 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.00 min
 Lab File: BF110968.D
 Acq: 26 Nov 2018 17:20

Instrument :
 BNA_F
 ClientSampled :
 DTW-03

Tot Ion	Ratio	Resp	Lower	Upper
330	100	141219		
332	96.5	77.1	115.7	
141	39.9	27.0	40.4	

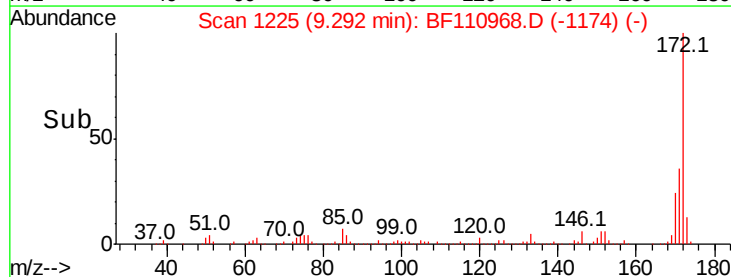
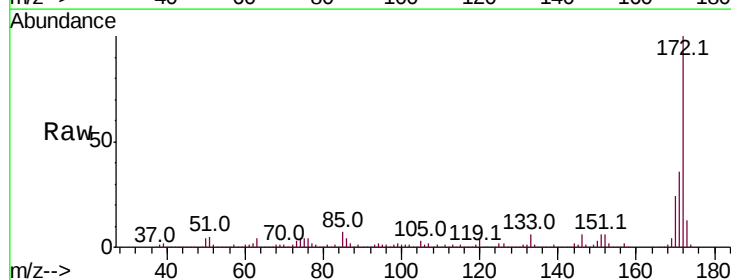
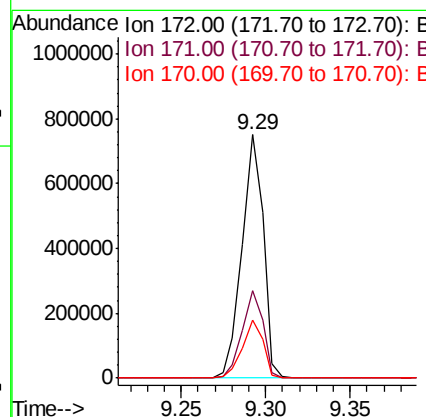
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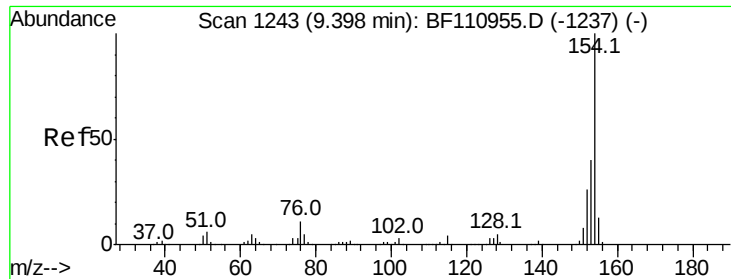
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#45
 2-Fluorobiphenyl
 Concen: 72.666 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF110968.D
 Acq: 26 Nov 2018 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	658745		
171	35.8	28.6	43.0	
170	24.0	19.7	29.5	





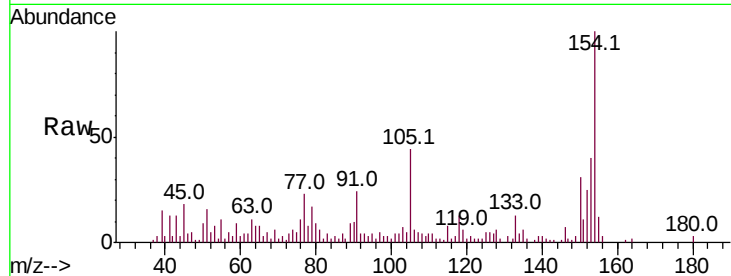
#46
 1,1'-Biphenyl
 Concen: 3.006 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BF110968.D
 Acq: 26 Nov 2018 17:20

Instrument :
 BNA_F
 ClientSampled :
 DTW-03

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.4	20.4	60.4	
76	11.5	0.0	31.9	

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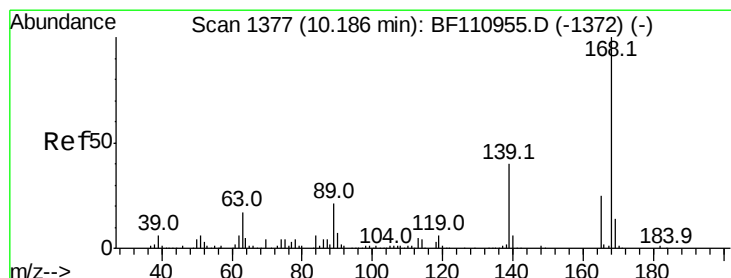
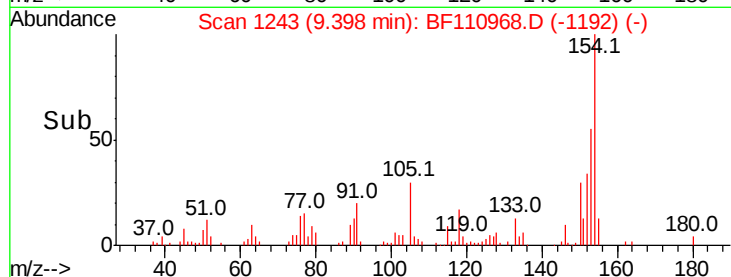
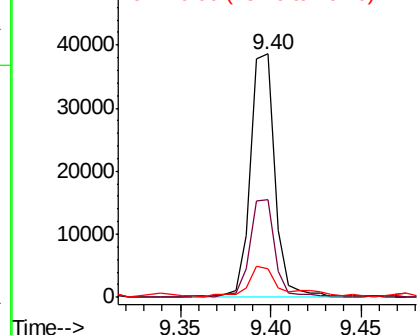


Abundance

Ion 154.00 (153.70 to 154.70): E

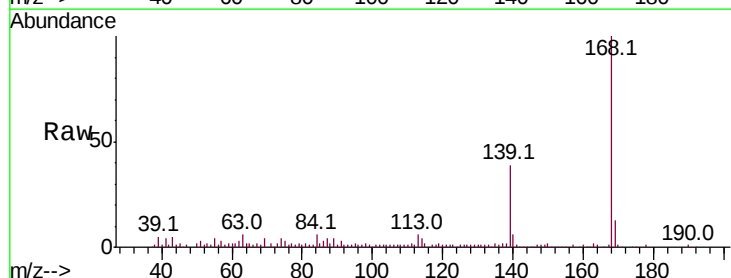
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#55
 Dibenzofuran
 Concen: 7.092 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.00 min
 Lab File: BF110968.D
 Acq: 26 Nov 2018 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.2	33.0	49.6	
169	12.9	11.3	16.9	

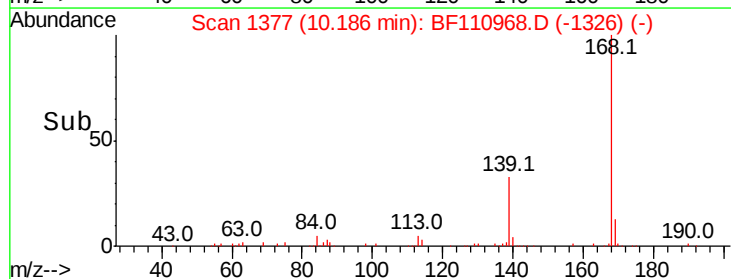
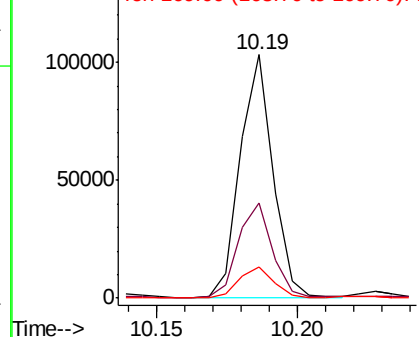


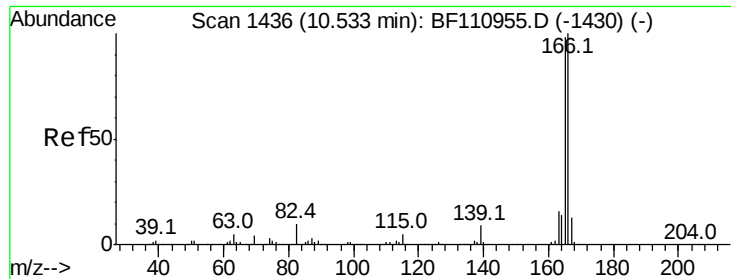
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





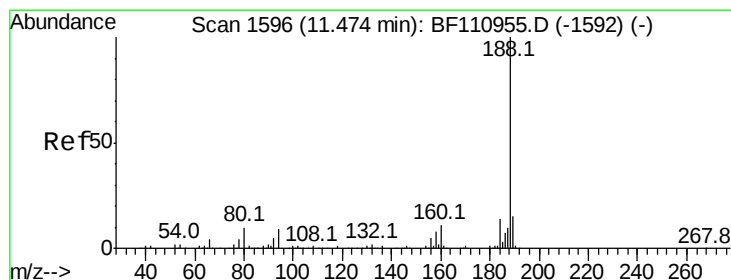
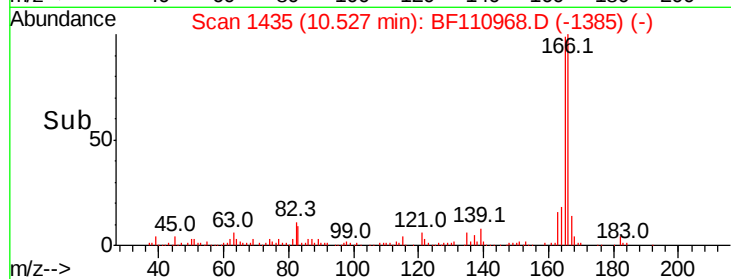
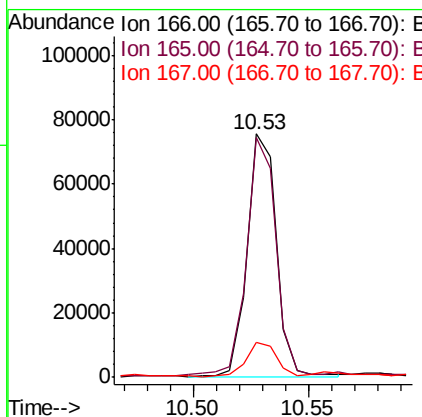
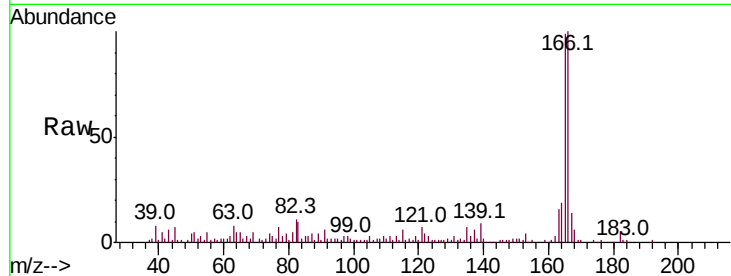
#58
 Fluorene
 Concen: 7.412 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF110968.D
 Acq: 26 Nov 2018 17:20

Instrument :
 BNA_F
 ClientSampleID :
 DTW-03

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.6	117.8
167	14.3	10.8	16.2

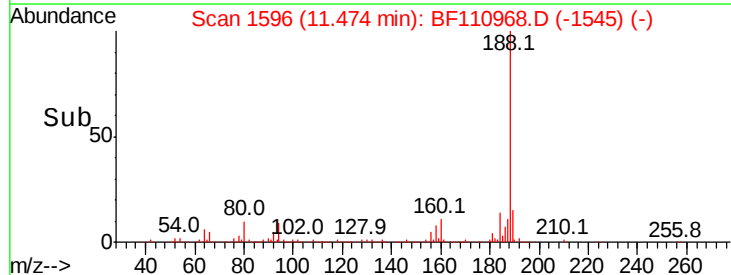
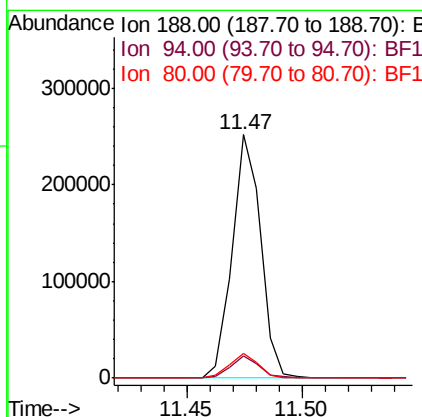
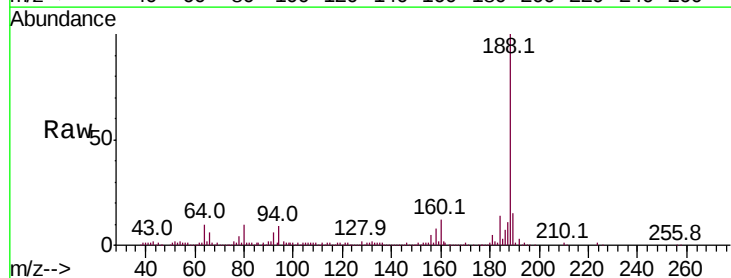
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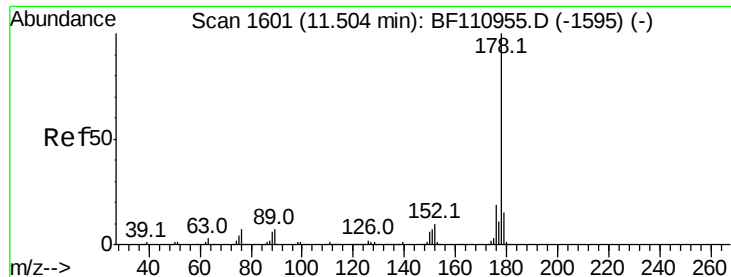
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF110968.D
 Acq: 26 Nov 2018 17:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	10.2	7.9	11.9





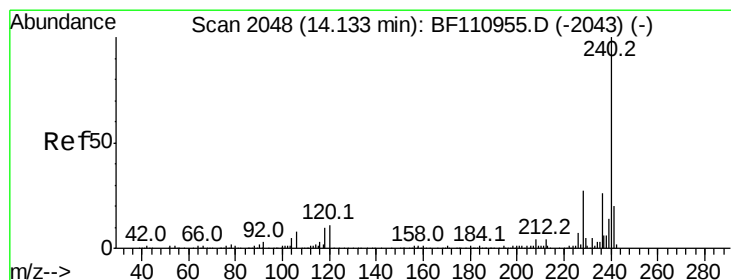
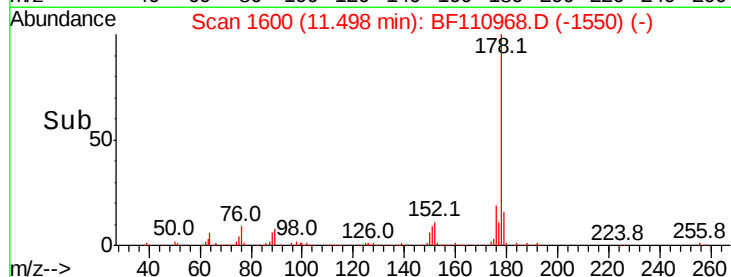
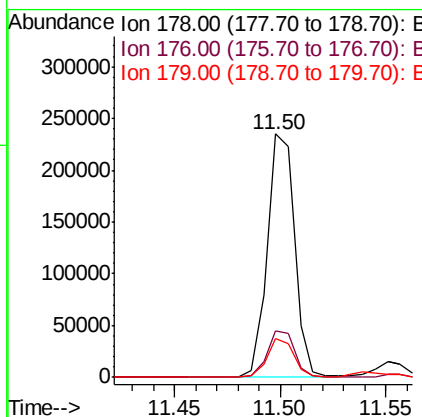
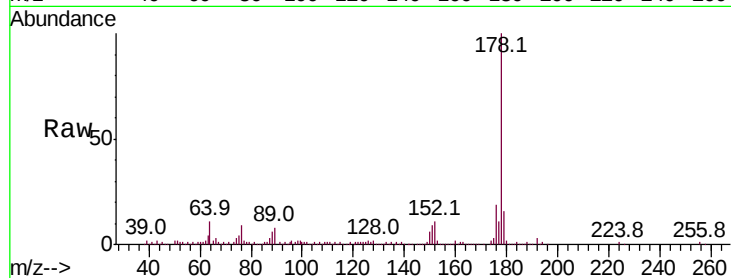
#71
Phenanthrene
Concen: 18.614 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BF110968.D
Acq: 26 Nov 2018 17:20

Instrument :
BNA_F
ClientSampleId :
DTW-03

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.8	12.5	18.7

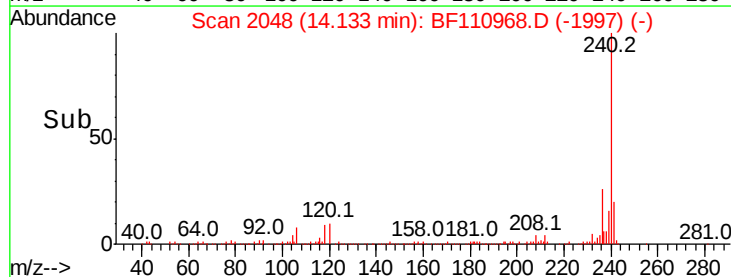
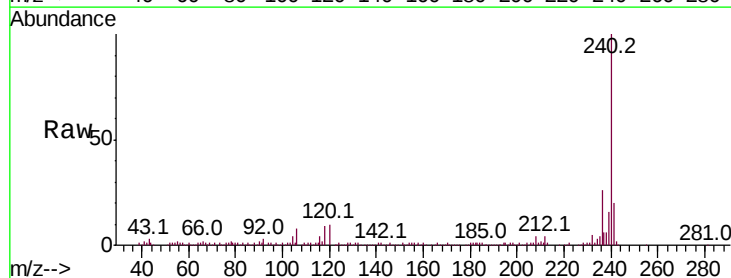
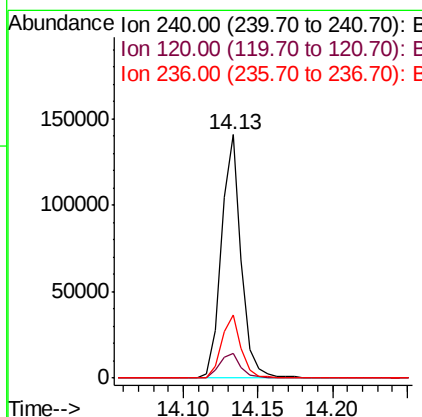
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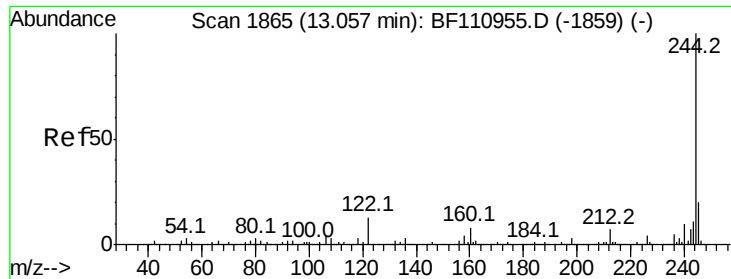
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BF110968.D
Acq: 26 Nov 2018 17:20

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.3	12.5
236	26.2	21.2	31.8





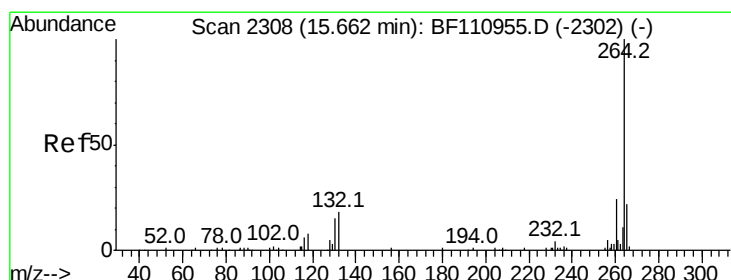
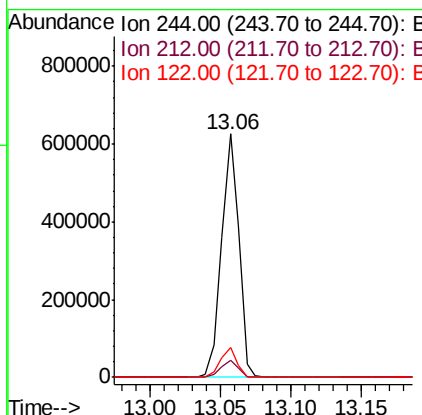
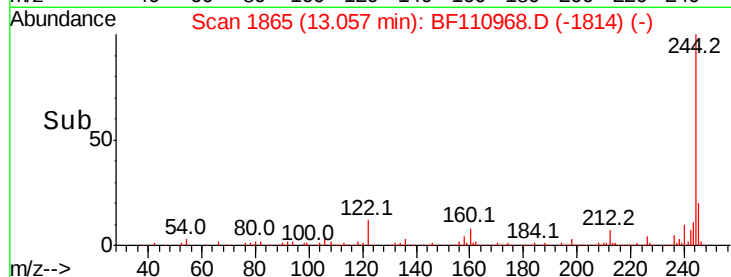
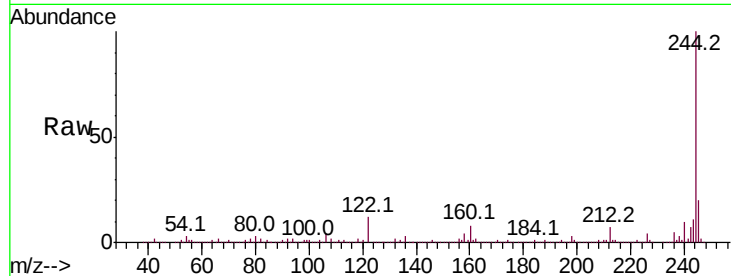
#79
 Terphenyl-d14
 Concen: 78.901 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: BF110968.D
 Acq: 26 Nov 2018 17:20

Instrument :
 BNA_F
 ClientSampleId :
 DTW-03

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.4	8.7	13.1

Manual Integrations
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2309
 Delta R.T. 0.01 min
 Lab File: BF110968.D
 Acq: 26 Nov 2018 17:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.7	28.1
265	21.3	16.7	25.1

