

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
 Data File : BF101708.D
 Acq On : 26 Dec 2017 11:57
 Operator : SJ/JU
 Sample : I6827-18DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-4539-01DL

Manual Integrations
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Quant Time: Dec 26 13:10:16 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	142467	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	564426	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	271258	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	534903	20.00	ng	0.00
75) Chrysene-d12	13.96	240	480855	20.00	ng	0.00
86) Perylene-d12	15.43	264	411969	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	116831	12.22	ng	0.04
7) Phenol-d6	6.46	99	135491	11.38	ng	0.02
23) Nitrobenzene-d5	7.36	82	107778	10.63	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	38209	14.62	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	224868	12.86	ng	0.00
78) Terphenyl-d14	12.89	244	258117	12.94	ng	0.00
Target Compounds						
10) Phenol	6.47	94	249307	18.376	ng	99
17) 2-Methylphenol	7.06	107	127123	13.736	ng	98
20) 3+4-Methylphenols	7.22	107	318013	32.427	ng	85
27) 2,4-Dimethylphenol	7.74	122	138796	16.946	ng	97
31) Naphthalene	8.09	128	2383757	83.890	ng	99
37) 2-Methylnaphthalene	8.79	142	102240	5.523	ng	100
48) Acenaphthylene	9.69	152	131032	4.507	ng	100
54) Dibenzofuran	10.03	168	60765	2.737	ng	97
57) Fluorene	10.37	166	58870	3.135	ng	98
70) Phenanthrene	11.34	178	70841	2.381	ng	99
72) Carbazole	11.56	167	220132	7.738	ng	98

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

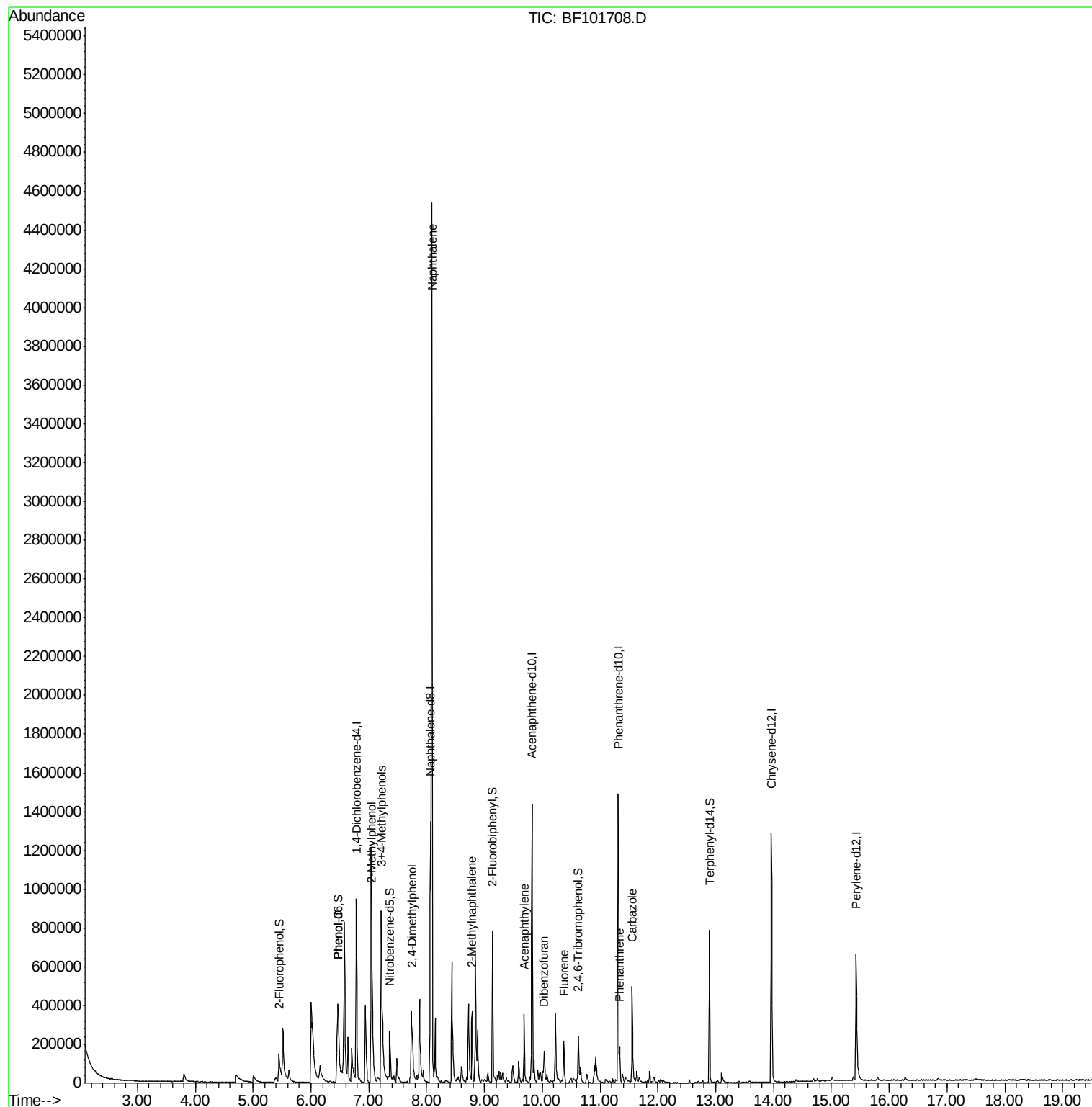
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
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Misc :
ALS Vial : 7 Sample Multiplier: 1

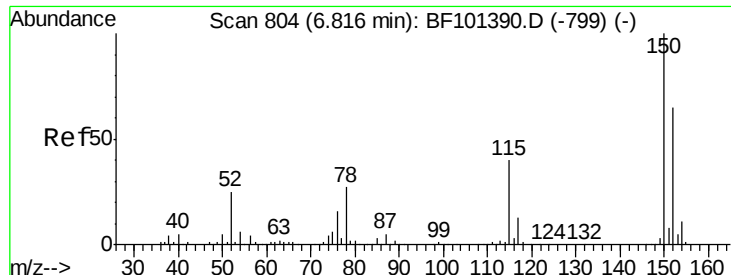
Instrument :
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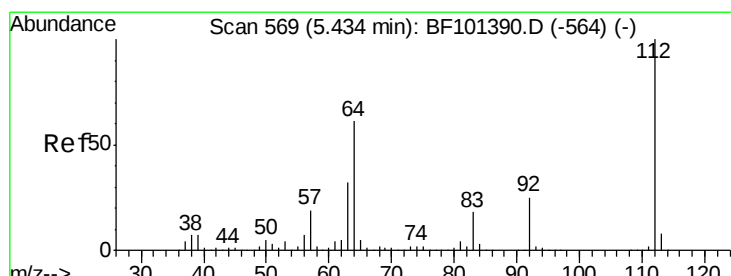
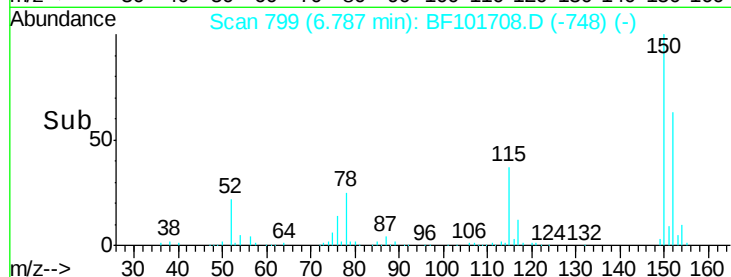
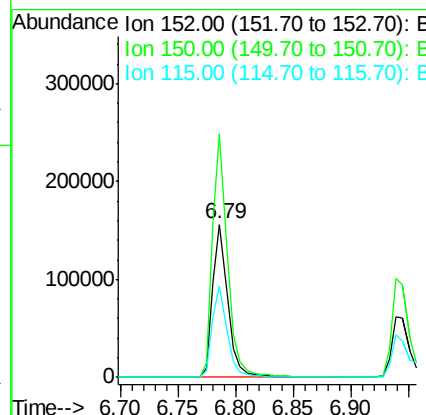
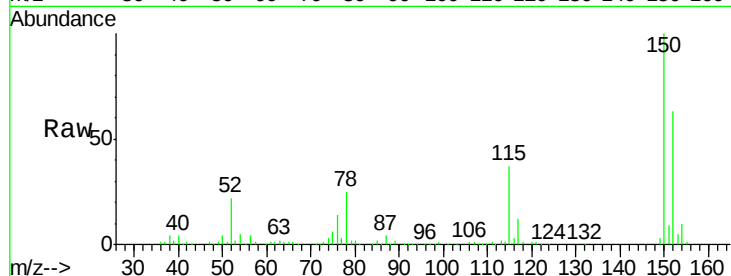
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF101708.D
 Acq: 26 Dec 2017 11:57

Instrument :
 BNA_F
 ClientSampleId :
 WC-4539-01DL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.6	186.8
115	59.6	50.1	75.1

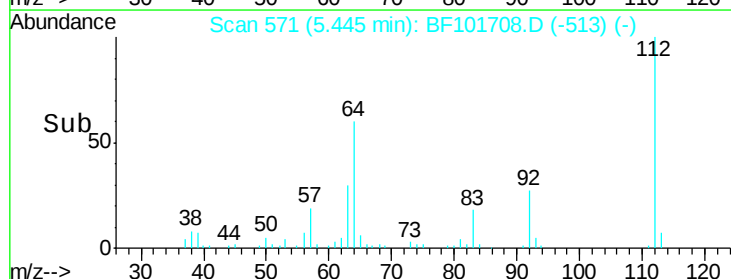
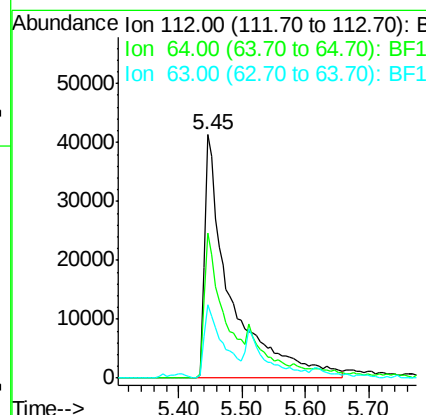
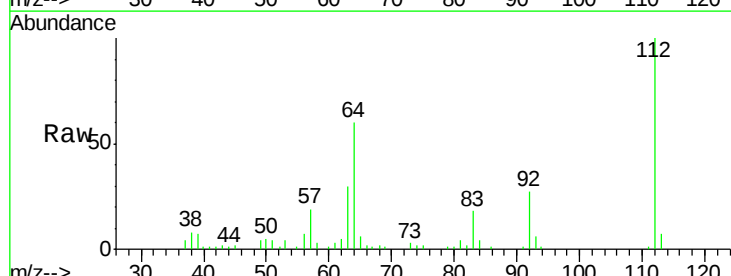
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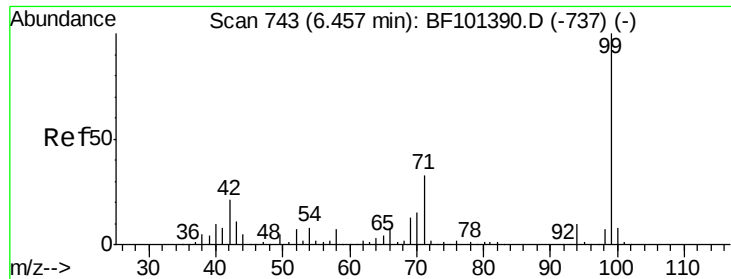
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#5
 2-Fluorophenol
 Concen: 12.215 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.04 min
 Lab File: BF101708.D
 Acq: 26 Dec 2017 11:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	47.9	71.9
63	30.4	23.7	35.5





#7

Phenol-d6

Concen: 11.383 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.02 min

Lab File: BF101708.D

Acq: 26 Dec 2017 11:57

Instrument :

BNA_F

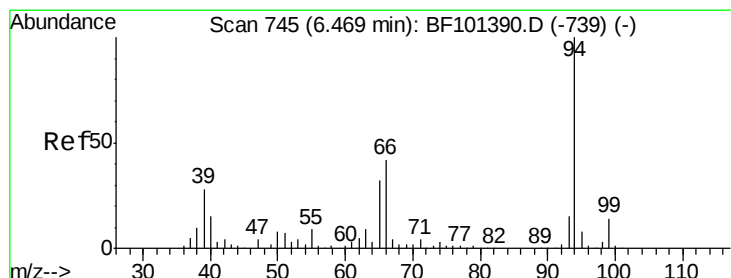
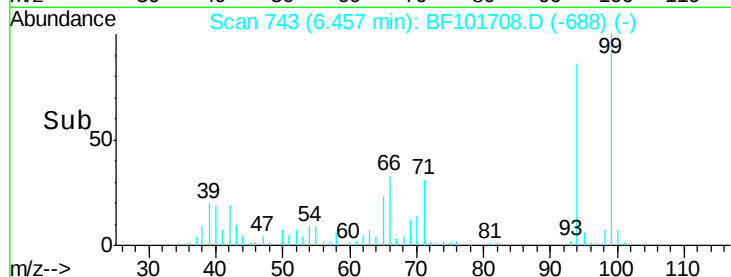
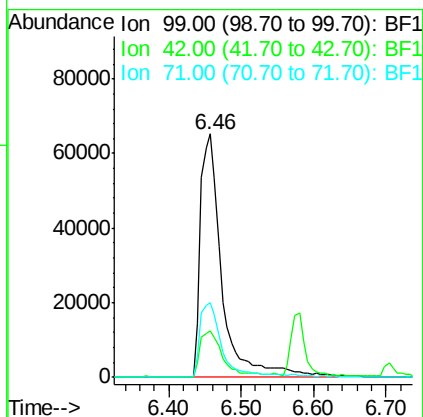
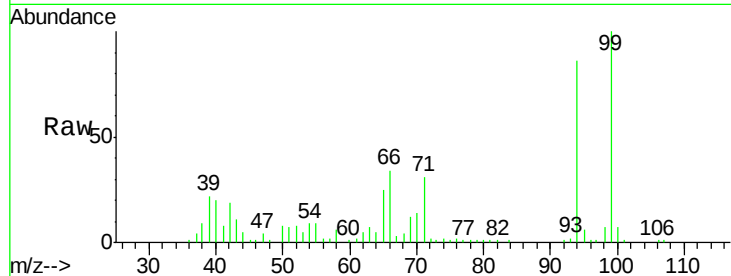
ClientSampleId :

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Tgt Ion:	99	Resp:	135491
Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	30.7	25.4	38.0

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#10

Phenol

Concen: 18.376 ng

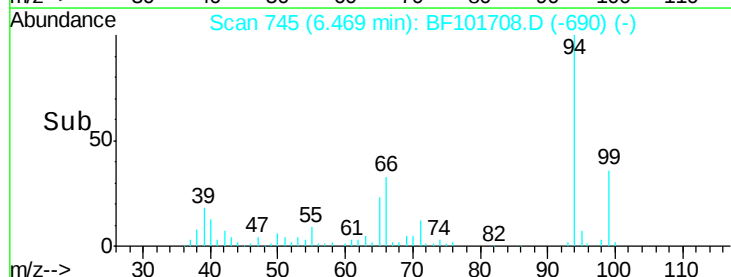
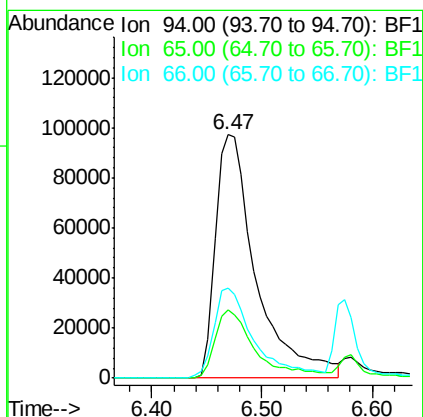
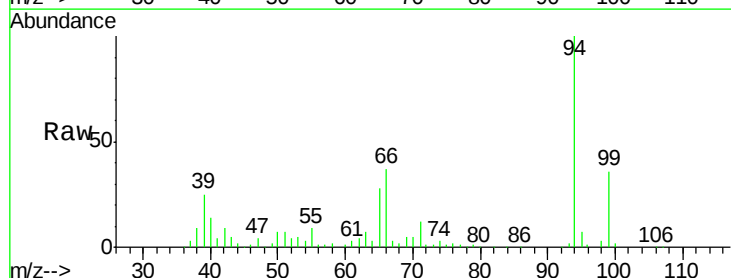
RT: 6.47 min Scan# 745

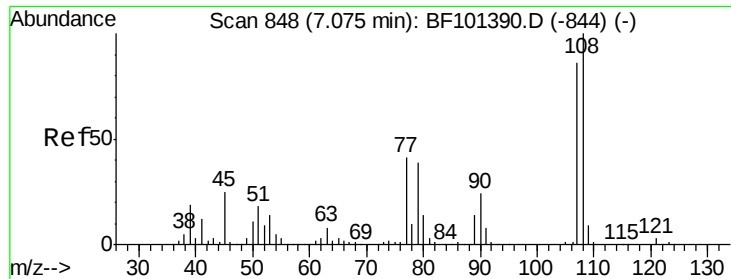
Delta R.T. 0.02 min

Lab File: BF101708.D

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Tgt Ion:	94	Resp:	249307
Ion	Ratio	Lower	Upper
94	100		
65	28.1	7.9	47.9
66	36.9	16.2	56.2





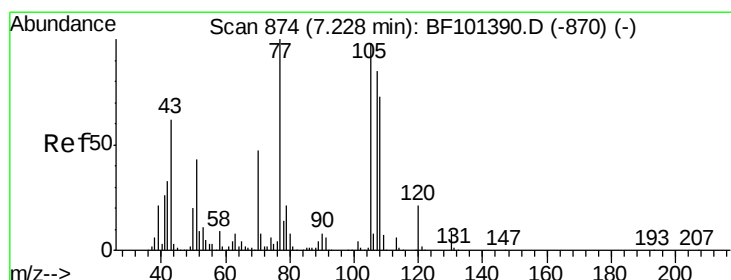
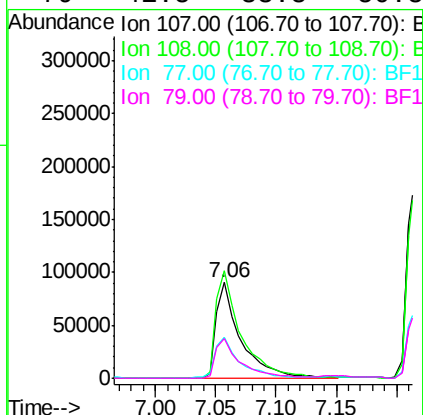
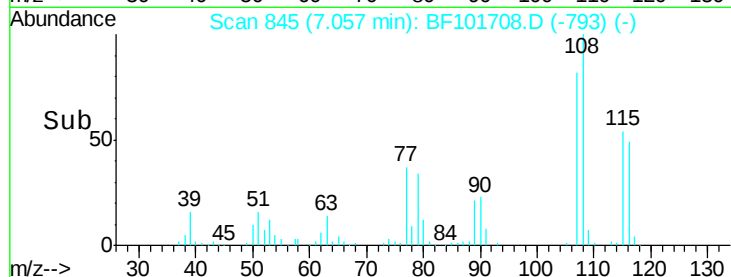
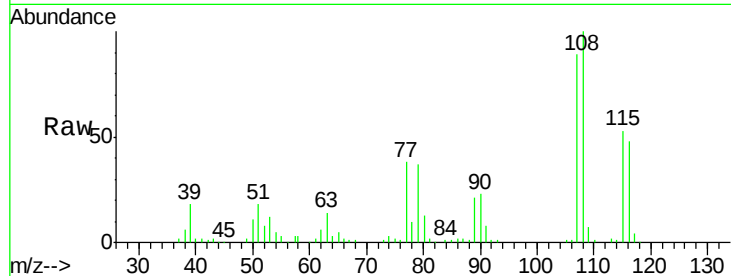
#17
2-Methylphenol
Concen: 13.736 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.01 min
Lab File: BF101708.D
Acq: 26 Dec 2017 11:57

Instrument :
BNA_F
ClientSampleID :
WC-4539-01DL

Tgt	Ion	107	Resp:	127123
Ion	Ratio	Lower	Upper	
107	100			
108	112.4	91.7	137.5	
77	43.1	33.8	50.8	
79	41.5	33.8	50.8	

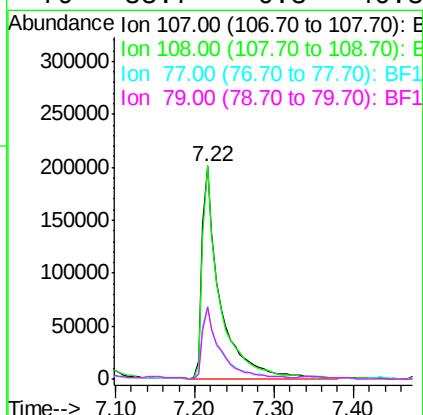
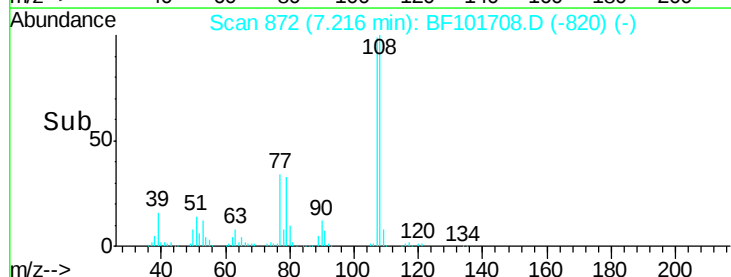
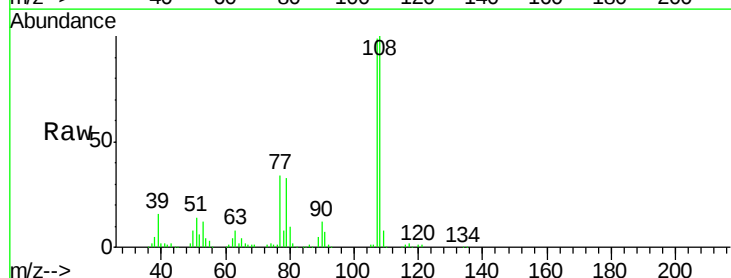
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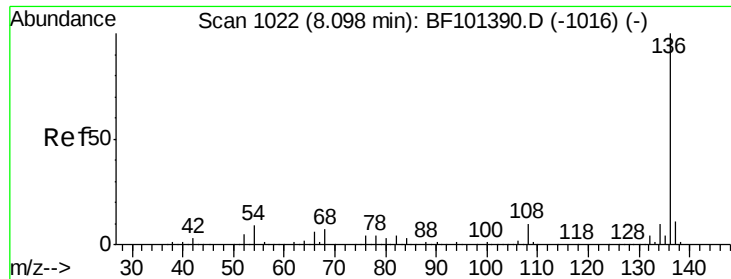
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#20
3+4-Methylphenols
Concen: 32.427 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF101708.D
Acq: 26 Dec 2017 11:57

Tgt	Ion	107	Resp:	318013
Ion	Ratio	Lower	Upper	
107	100			
108	100.7	68.2	108.2	
77	34.3	26.7	66.7	
79	33.7	6.3	46.3	





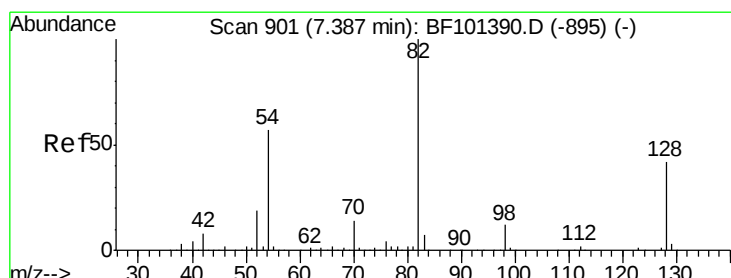
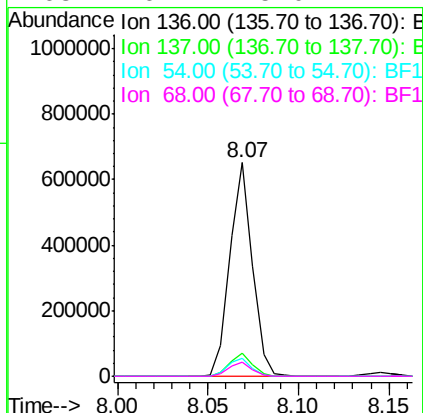
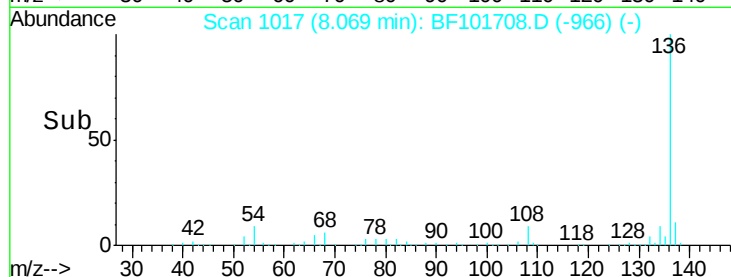
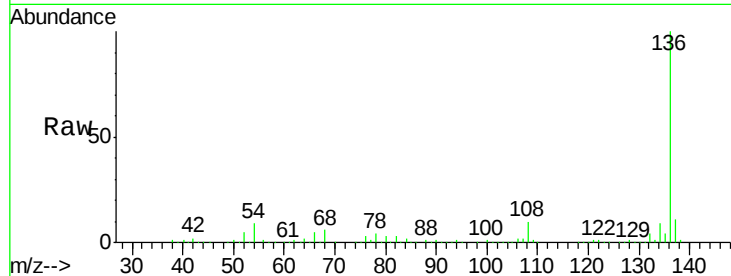
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF101708.D
Acq: 26 Dec 2017 11:57

Instrument :
BNA_F
ClientSampleId :
WC-4539-01DL

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	564426		
137	10.9	8.9	13.3	
54	8.7	6.6	9.8	
68	6.4	5.0	7.4	

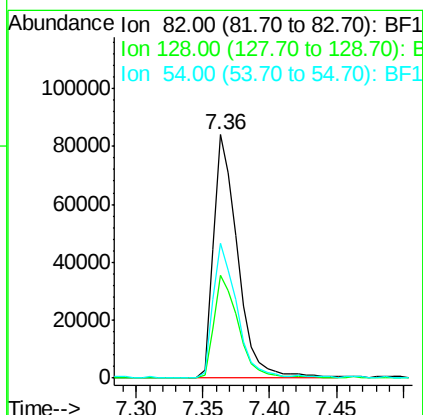
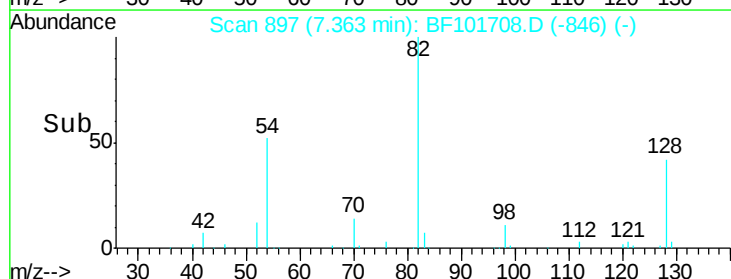
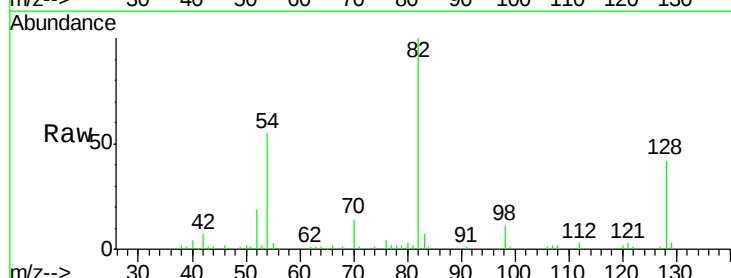
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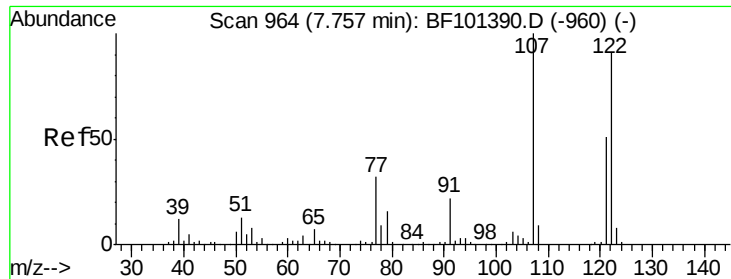
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#23
Nitrobenzene-d5
Concen: 10.629 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF101708.D
Acq: 26 Dec 2017 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	107778		
128	42.2	36.1	54.1	
54	55.4	41.4	62.2	





#27

2,4-Dimethylphenol

Concen: 16.946 ng

RT: 7.74 min Scan# 961

Delta R.T. 0.01 min

Lab File: BF101708.D

Acq: 26 Dec 2017 11:57

Instrument :

BNA_F

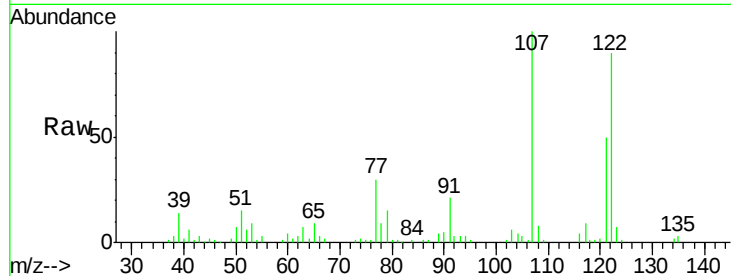
ClientSampleId :

WC-4539-01DL

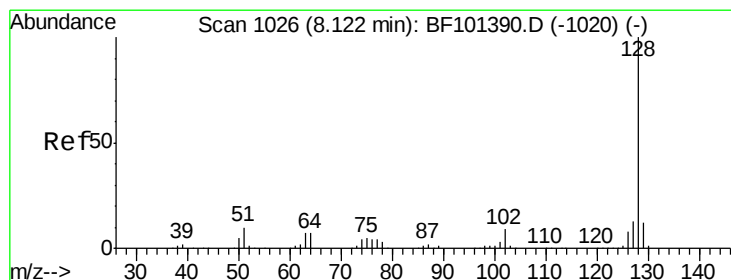
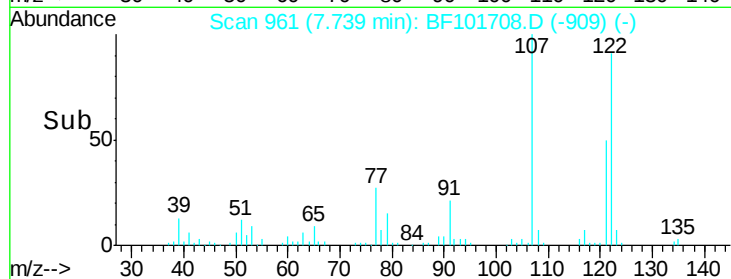
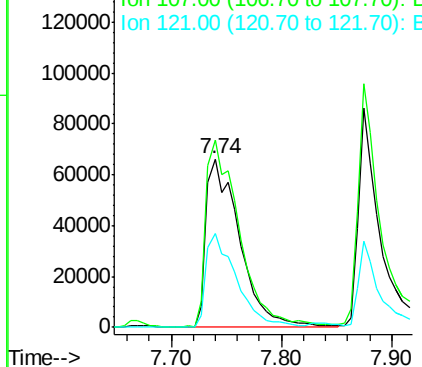
Tgt Ion:	122	Resp:	138796
Ion Ratio	Lower	Upper	
122	100		
107	111.1	91.2	136.8
121	55.6	47.2	70.8

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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: 83.890 ng

RT: 8.09 min Scan# 1021

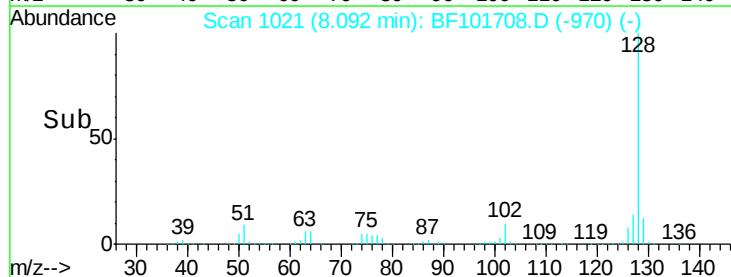
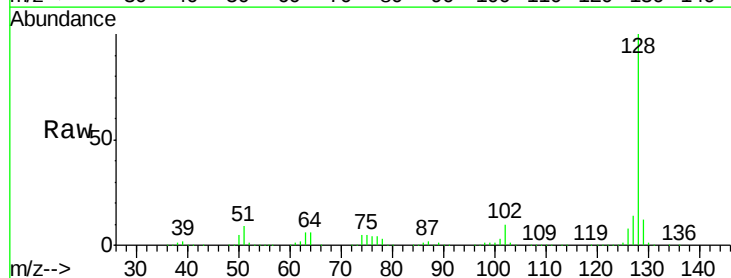
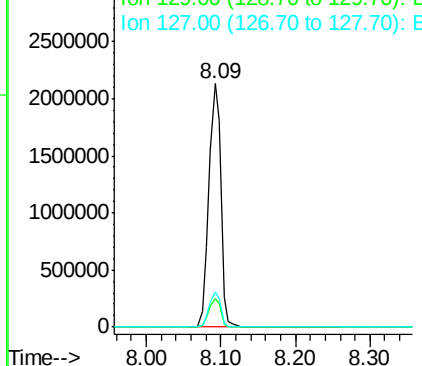
Delta R.T. -0.00 min

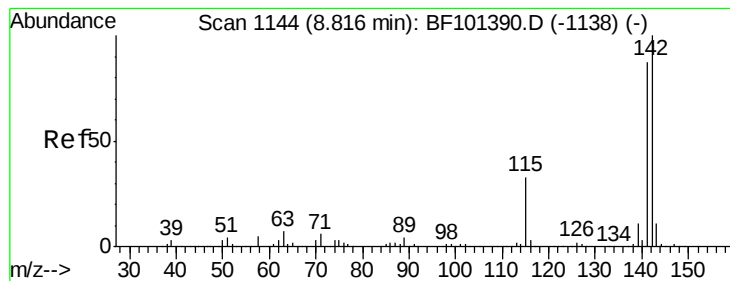
Lab File: BF101708.D

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Tgt Ion:	128	Resp:	2383757
Ion Ratio	Lower	Upper	
128	100		
129	11.5	8.8	13.2
127	14.1	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





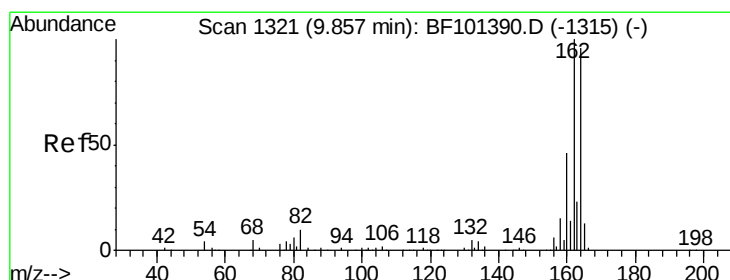
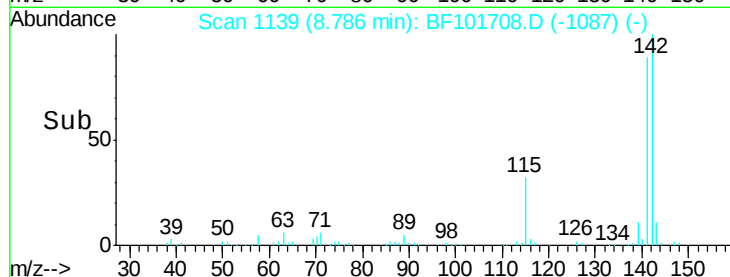
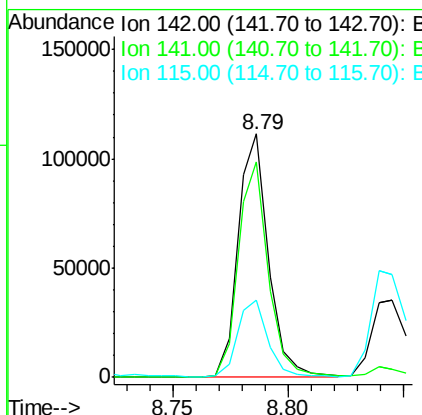
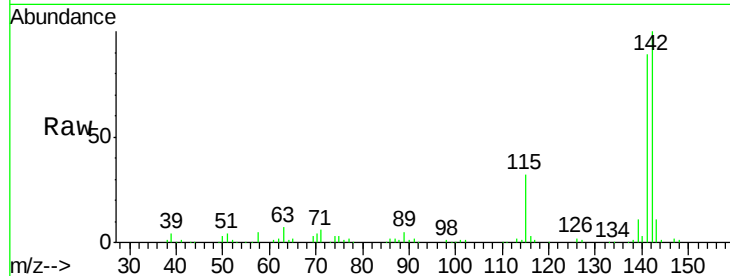
#37
2-Methylnaphthalene
Concen: 5.523 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BF101708.D
Acq: 26 Dec 2017 11:57

Instrument :
BNA_F
ClientSampleId :
WC-4539-01DL

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.8	106.2
115	31.7	26.1	39.1

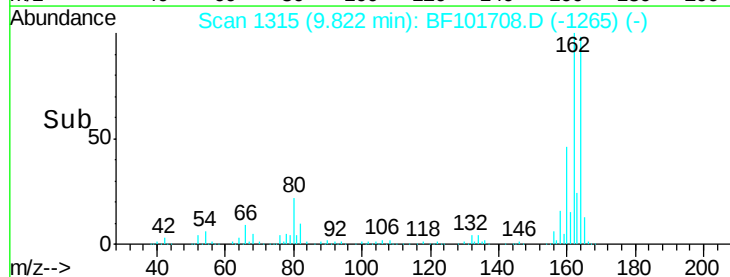
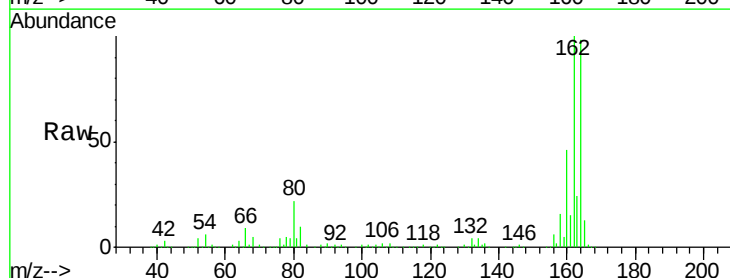
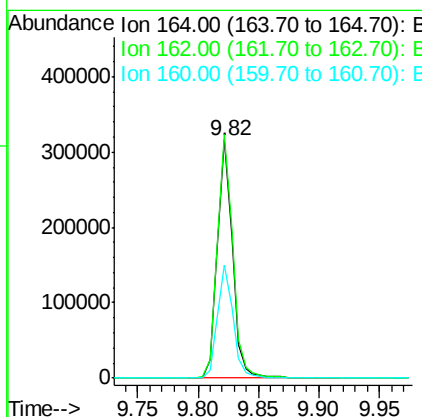
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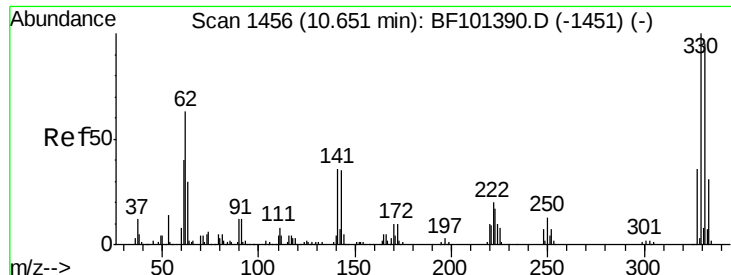
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF101708.D
Acq: 26 Dec 2017 11:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	47.3	38.3	57.5





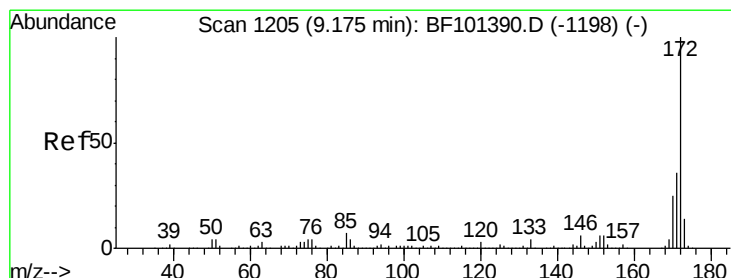
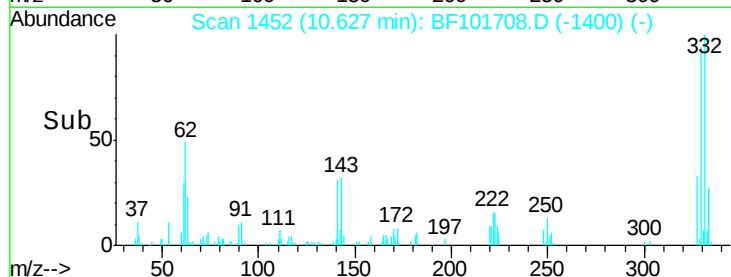
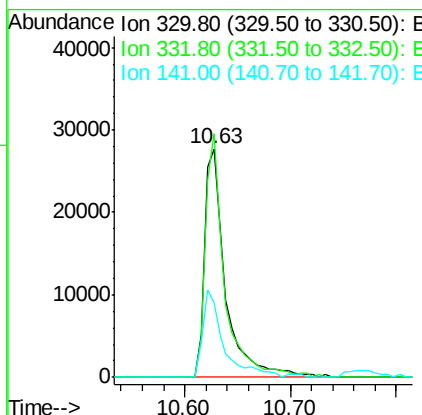
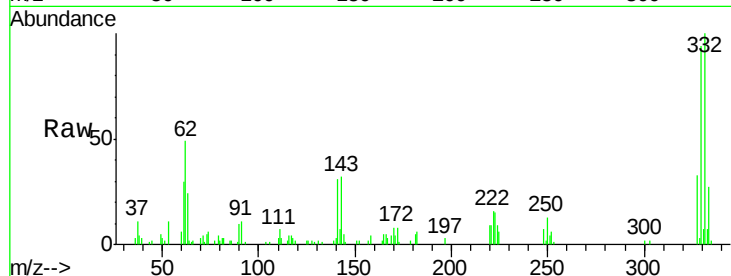
#41
 2,4,6-Tribromophenol
 Concen: 14.618 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF101708.D
 Acq: 26 Dec 2017 11:57

Instrument :
 BNA_F
 ClientSampleId :
 WC-4539-01DL

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	38209		
332	97.6	77.0	115.6	
141	37.5	29.9	44.9	

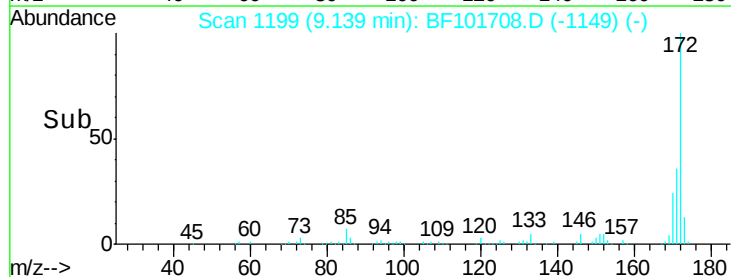
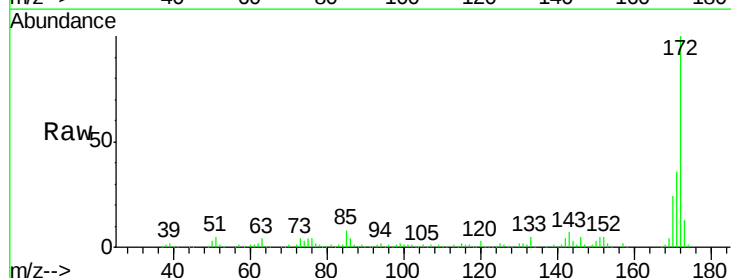
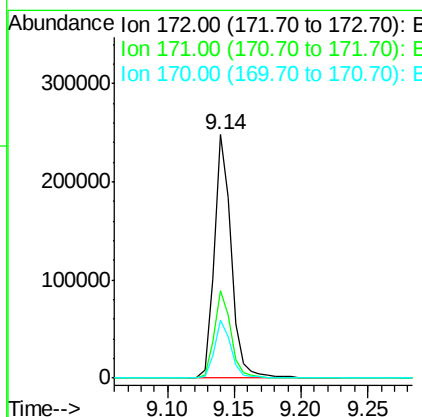
Manual Integrations
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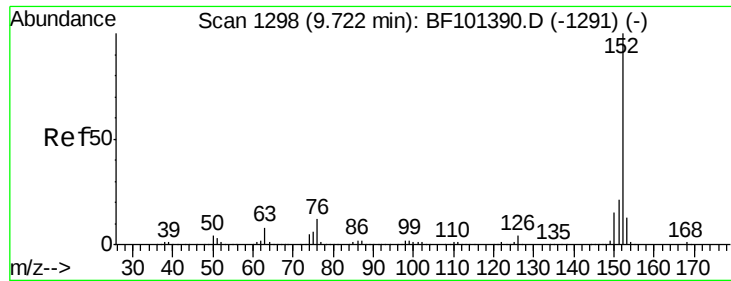
Sohil
 12/27/2017 4:14:15 PM



#44
 2-Fluorobiphenyl
 Concen: 12.860 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF101708.D
 Acq: 26 Dec 2017 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	224868		
171	36.0	29.7	44.5	
170	23.7	19.6	29.4	





#48

Acenaphthylene

Concen: 4.507 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BF101708.D

Acq: 26 Dec 2017 11:57

Instrument :

BNA_F

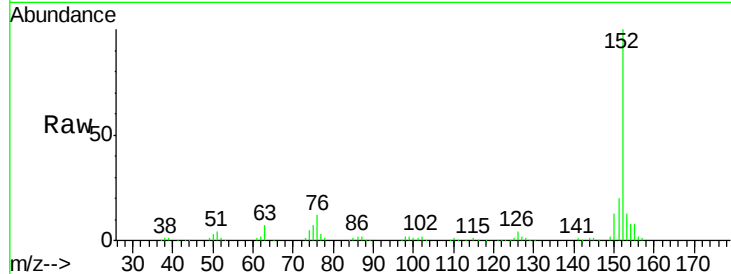
ClientSampleId :

WC-4539-01DL

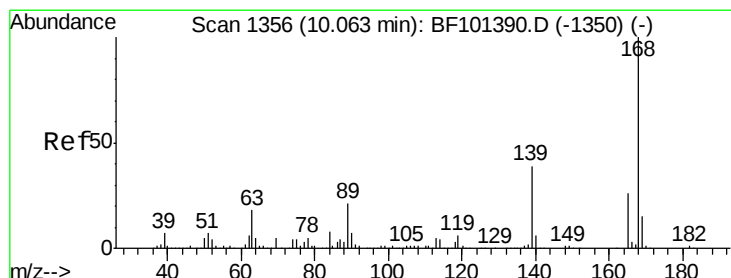
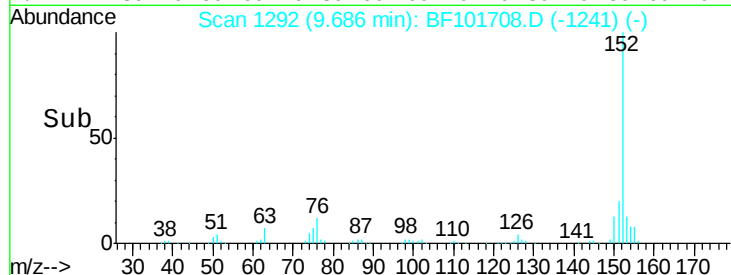
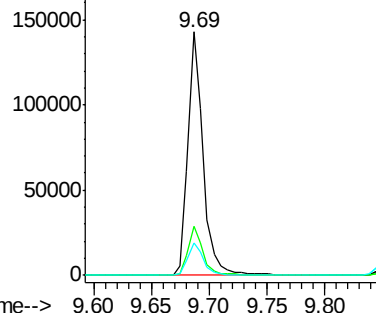
Tgt Ion:	152	Resp:	131032
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.3	24.5
153	13.5	10.7	16.1

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#54

Dibenzofuran

Concen: 2.737 ng

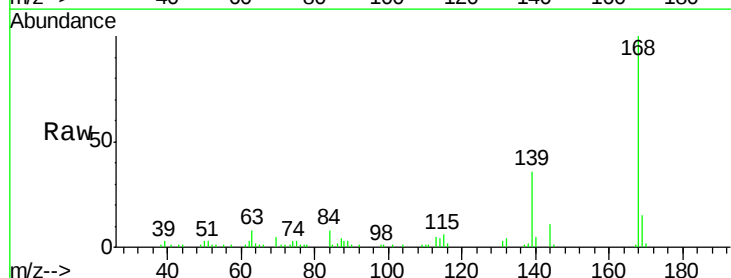
RT: 10.03 min Scan# 1351

Delta R.T. -0.00 min

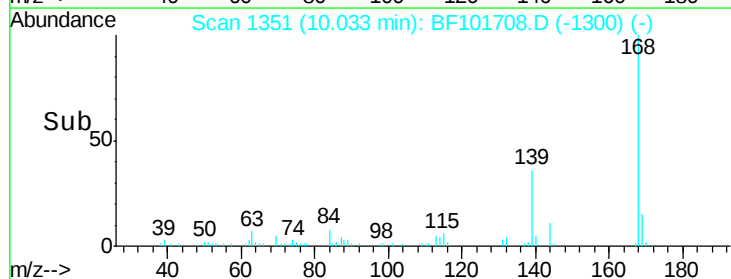
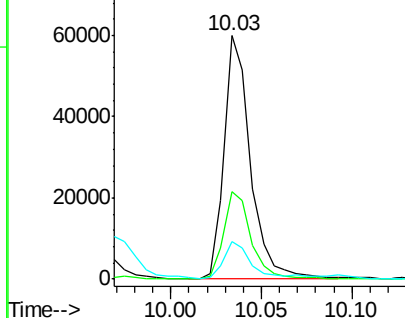
Lab File: BF101708.D

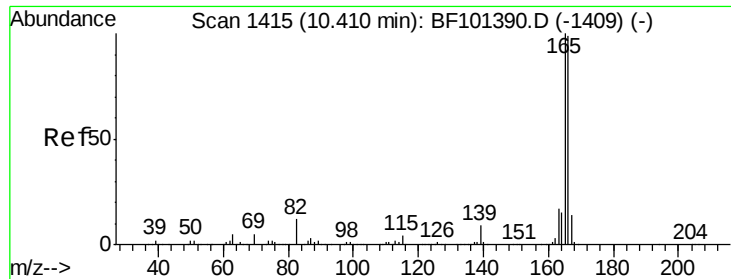
Acq: 26 Dec 2017 11:57

Tgt Ion:	168	Resp:	60765
Ion Ratio	Lower	Upper	
168	100		
139	36.2	30.1	45.1
169	15.3	10.9	16.3



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





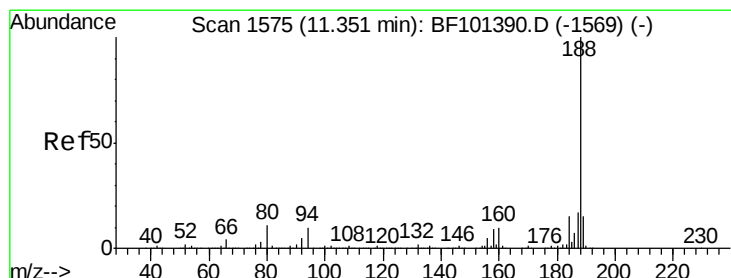
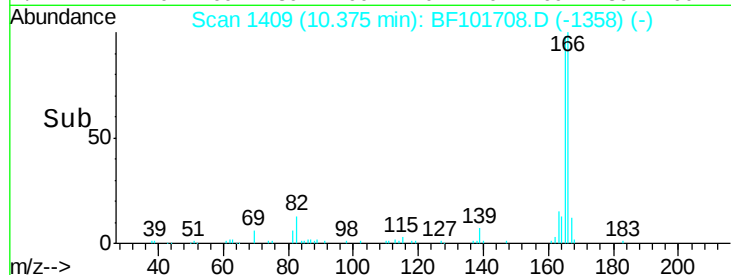
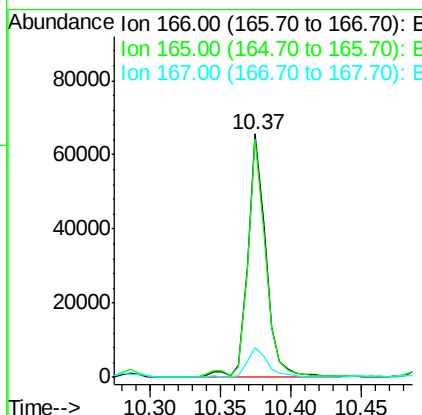
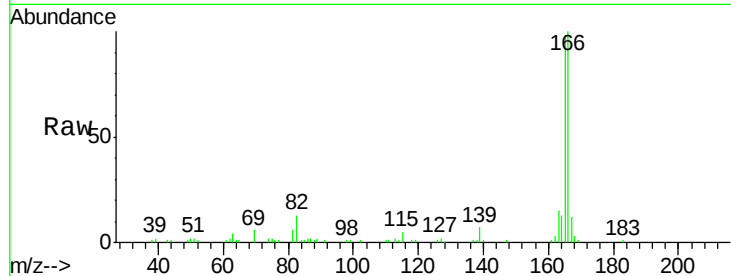
#57
Fluorene
 Concen: 3.135 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.00 min
 Lab File: BF101708.D
 Acq: 26 Dec 2017 11:57

Instrument :
 BNA_F
 ClientSampleId :
 WC-4539-01DL

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	58870		
165	98.2	79.8	119.8	
167	12.1	10.6	16.0	

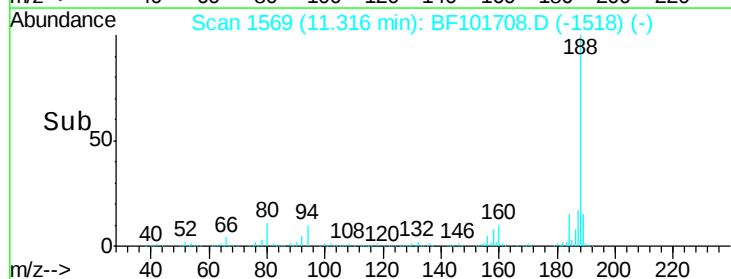
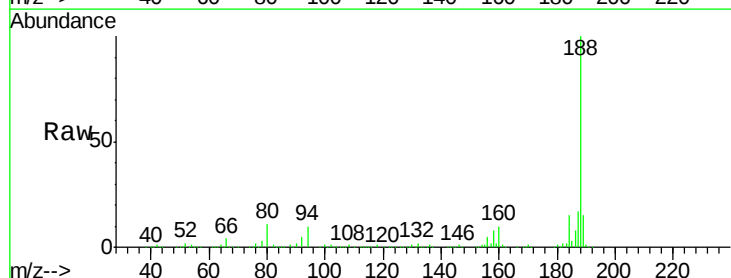
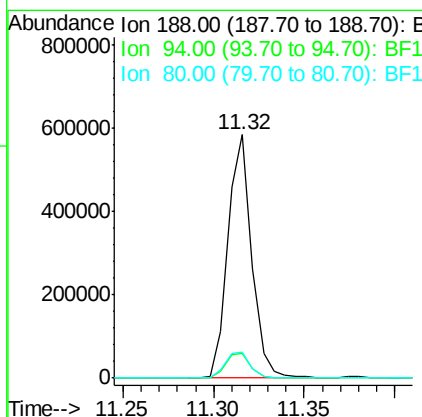
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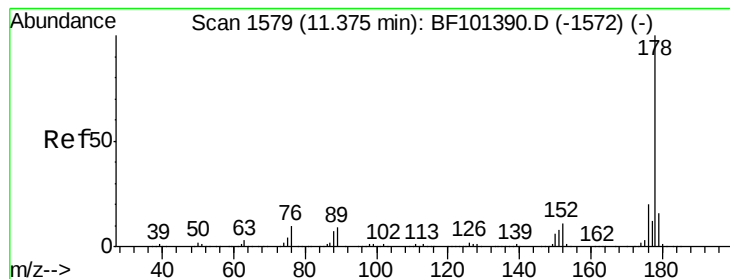
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#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BF101708.D
 Acq: 26 Dec 2017 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	534903		
94	10.3	8.5	12.7	
80	10.8	9.2	13.8	





#70

Phenanthrene

Concen: 2.381 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BF101708.D

Acq: 26 Dec 2017 11:57

Instrument :

BNA_F

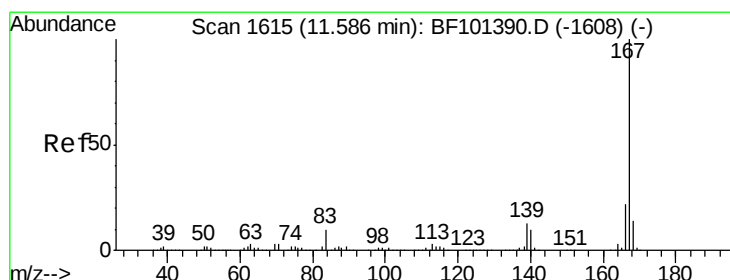
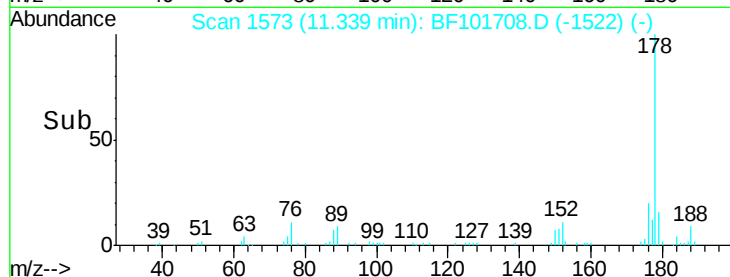
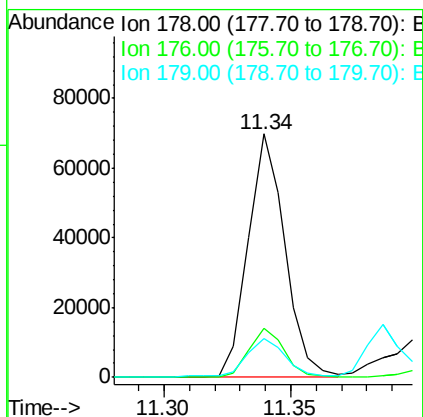
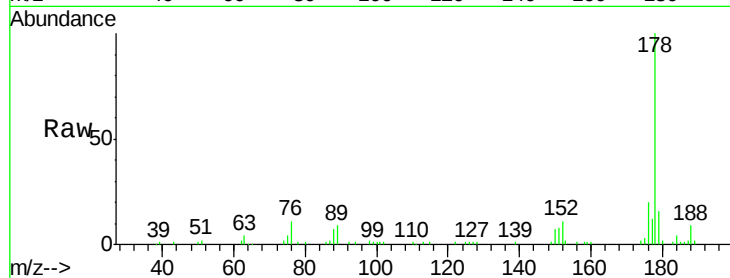
ClientSampleId :

WC-4539-01DL

Tgt Ion:	178	Resp:	70841
Ion Ratio	Lower	Upper	
178	100		
176	19.9	15.8	23.8
179	15.9	13.0	19.6

Manual Integrations
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#72

Carbazole

Concen: 7.738 ng

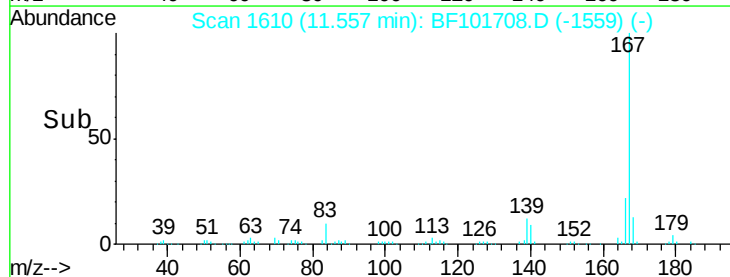
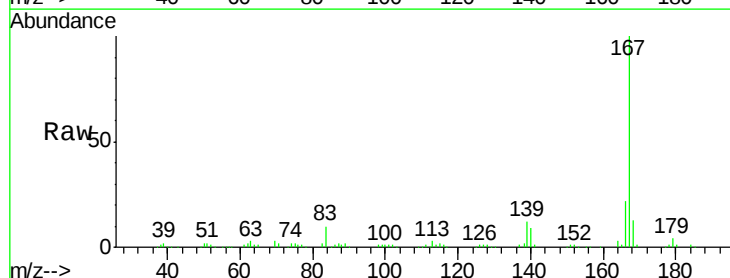
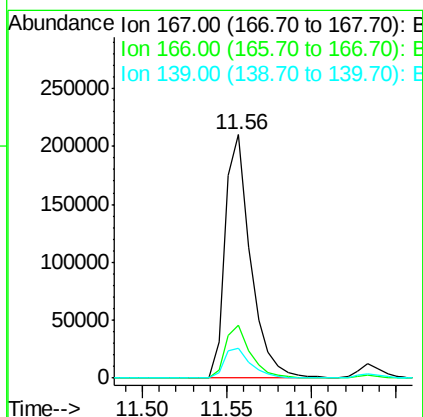
RT: 11.56 min Scan# 1610

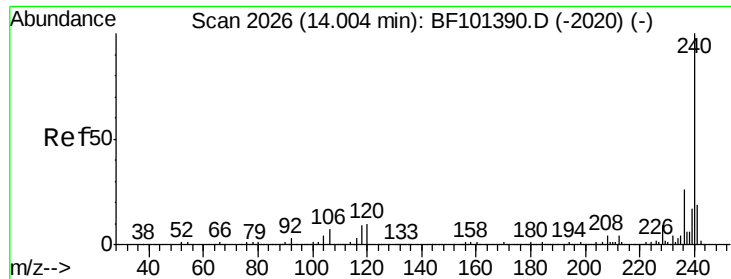
Delta R.T. -0.00 min

Lab File: BF101708.D

Acq: 26 Dec 2017 11:57

Tgt Ion:	167	Resp:	220132
Ion Ratio	Lower	Upper	
167	100		
166	21.9	17.6	26.4
139	12.1	10.9	16.3





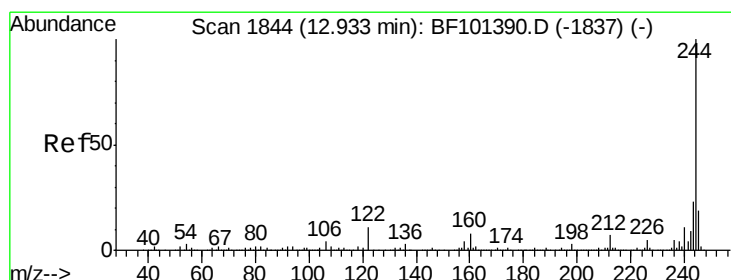
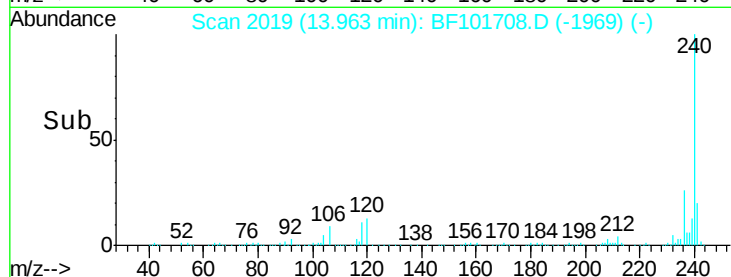
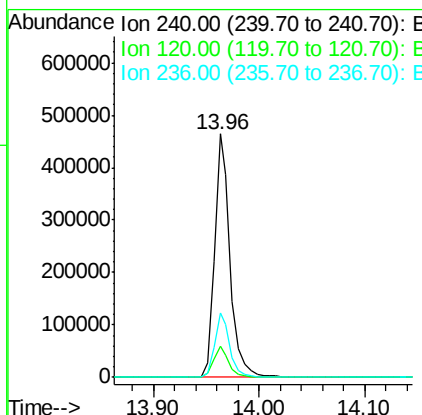
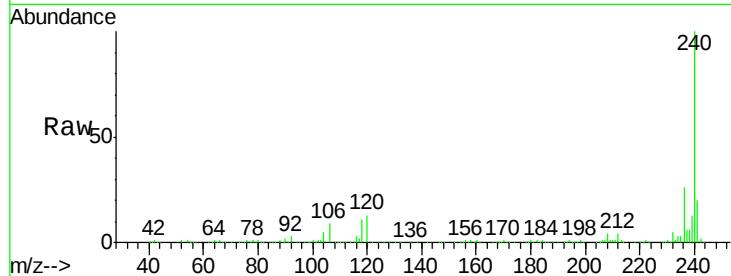
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF101708.D
Acq: 26 Dec 2017 11:57

Instrument :
BNA_F
ClientSampleId :
WC-4539-01DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	12.8	9.5	14.3
236	26.3	20.7	31.1

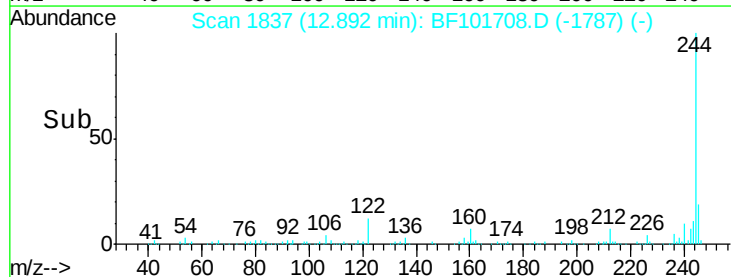
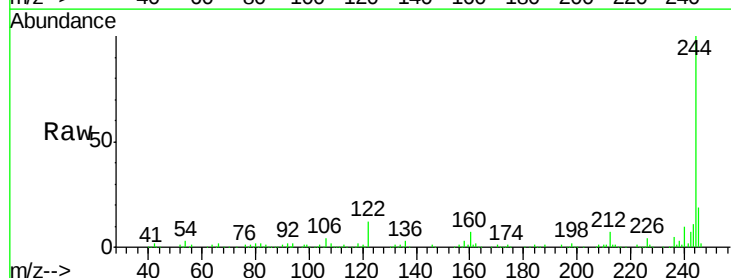
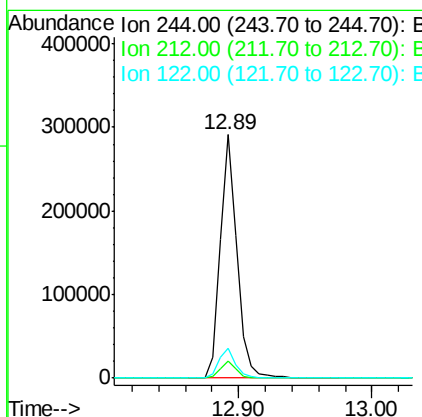
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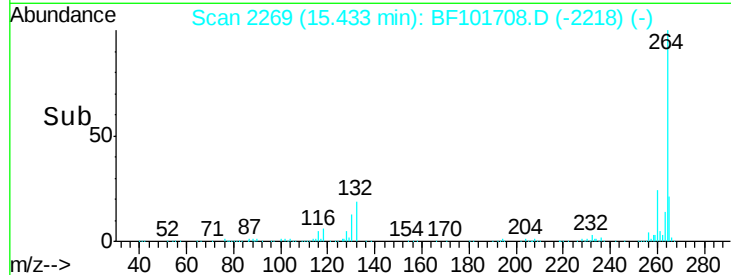
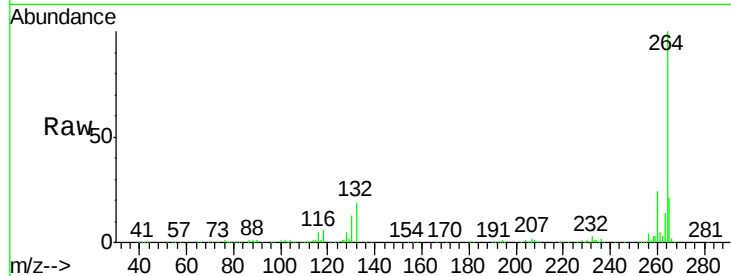
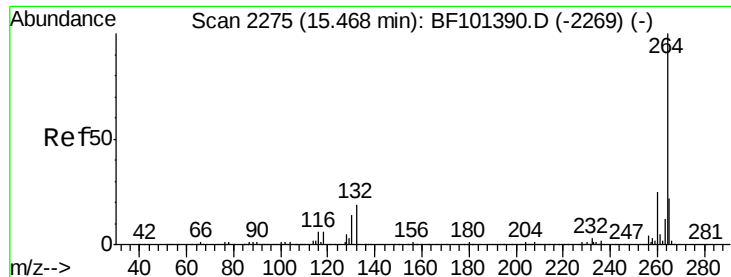
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#78
Terphenyl-d14
Concen: 12.941 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF101708.D
Acq: 26 Dec 2017 11:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.8	5.4	8.0
122	12.3	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BF101708.D
Acq: 26 Dec 2017 11:57

Instrument :
BNA_F
ClientSampleId :
WC-4539-01DL

Tgt Ion:	264	Resp:	411969
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.2	28.8
265	21.3	17.5	26.3

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