

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
 Data File : BF101718.D
 Acq On : 26 Dec 2017 16:27
 Operator : SJ/JU
 Sample : I6846-03DL 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-34972326-01DL

Manual Integrations
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Quant Time: Dec 26 16:58:10 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	137639	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	508529	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	206286	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	323946	20.00	ng	0.00
75) Chrysene-d12	13.97	240	267210	20.00	ng	0.00
86) Perylene-d12	15.43	264	291726	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	147131	15.92	ng	0.02
7) Phenol-d6	6.43	99	163938	14.26	ng	0.00
23) Nitrobenzene-d5	7.36	82	125736	13.76	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	32158	16.18	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	248630	18.70	ng	0.00
78) Terphenyl-d14	12.89	244	178825	16.13	ng	0.00
Target Compounds						
10) Phenol	6.45	94	1286262	98.136	ng	98
17) 2-Methylphenol	7.05	107	331847	37.115	ng	99
20) 3+4-Methylphenols	7.21	107	934847	98.668	ng	86
27) 2,4-Dimethylphenol	7.73	122	194493	26.356	ng	97
31) Naphthalene	8.09	128	1932591	75.488	ng	99
37) 2-Methylnaphthalene	8.79	142	106142	6.364	ng	98
48) Acenaphthylene	9.69	152	84315	3.813	ng	100
54) Dibenzofuran	10.04	168	43642	2.585	ng	98
57) Fluorene	10.38	166	38039	2.664	ng	99
70) Phenanthrene	11.34	178	42211	2.343	ng	99
72) Carbazole	11.56	167	84828	4.924	ng	98

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

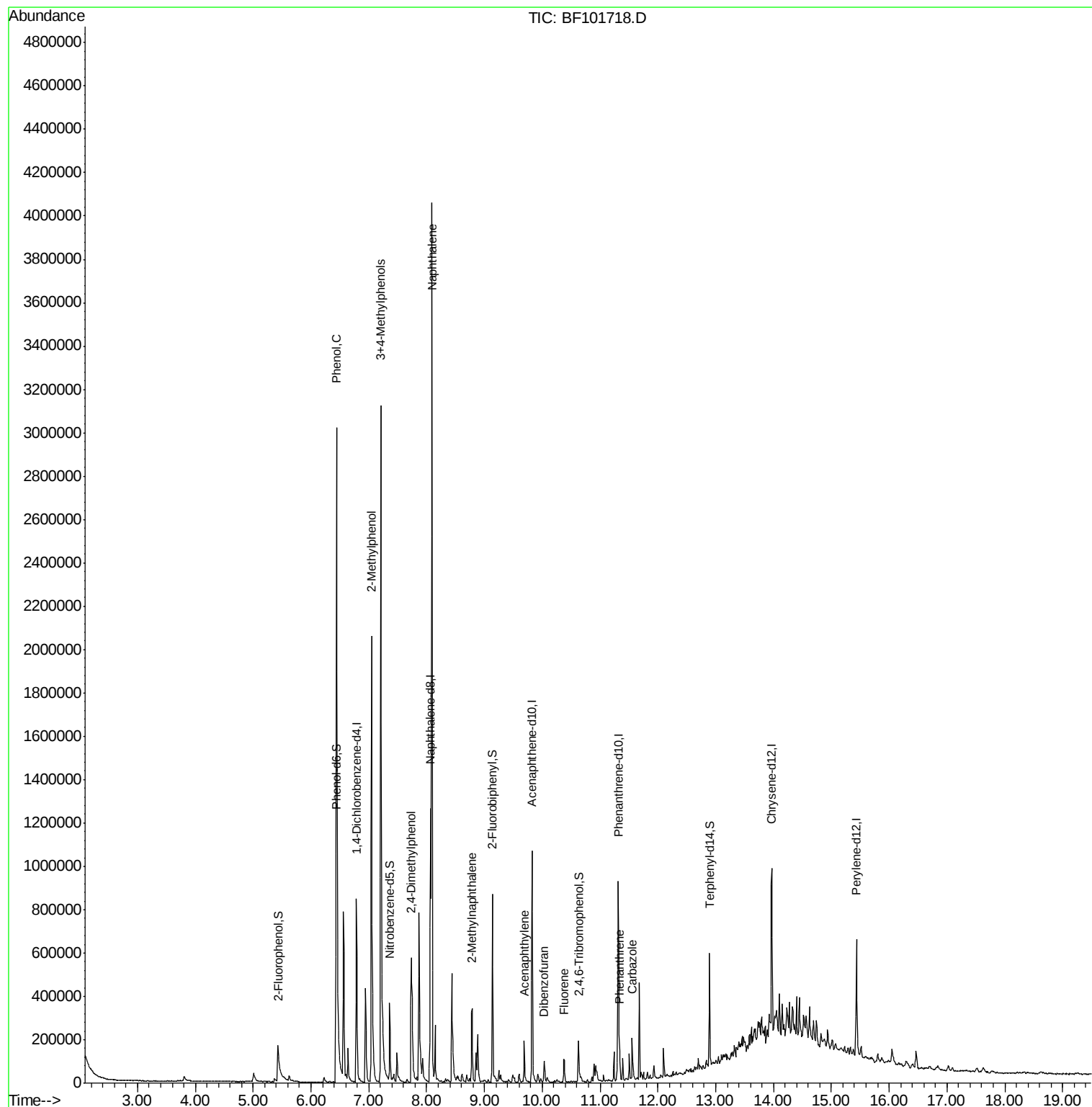
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101718.D
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Quant Time: Dec 26 16:58:10 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration





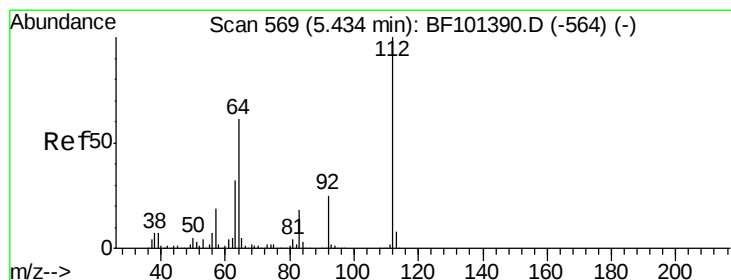
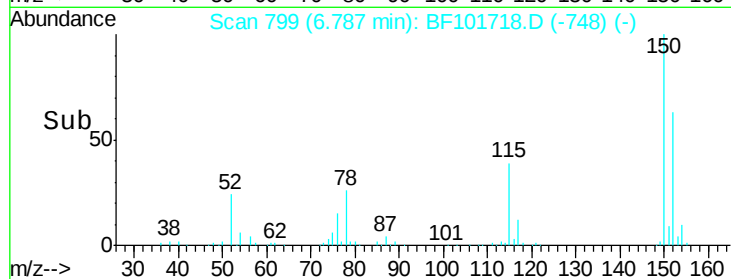
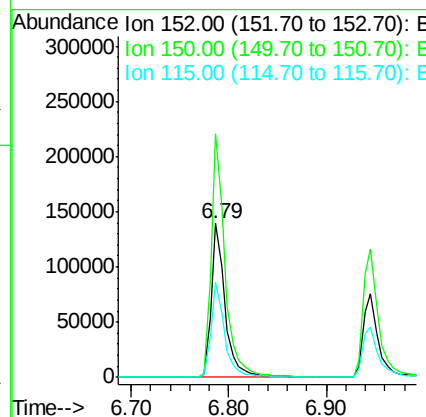
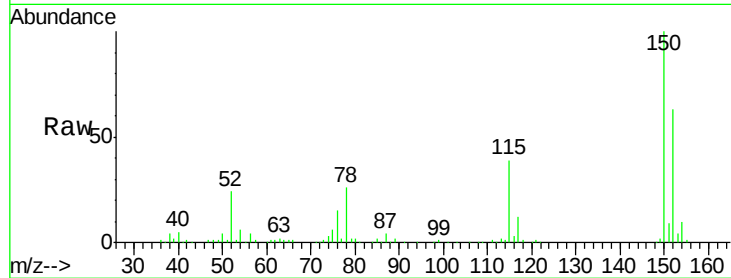
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF101718.D
 Acq: 26 Dec 2017 16:27

Instrument :
 BNA_F
 ClientSampleId :
 WC-34972326-01DL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.6	186.8
115	61.9	50.1	75.1

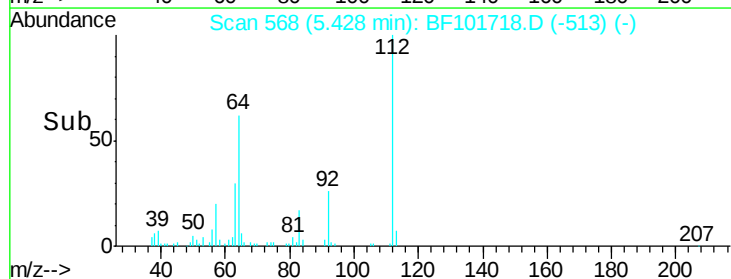
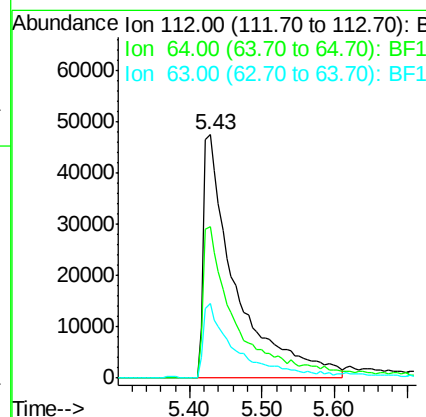
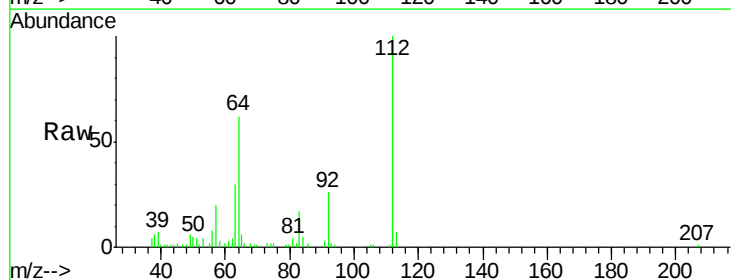
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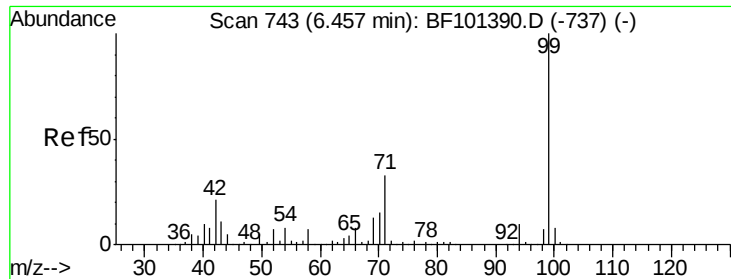
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#5
 2-Fluorophenol
 Concen: 15.923 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.02 min
 Lab File: BF101718.D
 Acq: 26 Dec 2017 16:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.0	47.9	71.9
63	30.5	23.7	35.5





#7

Phenol-d6

Concen: 14.256 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF101718.D

Acq: 26 Dec 2017 16:27

Instrument :

BNA_F

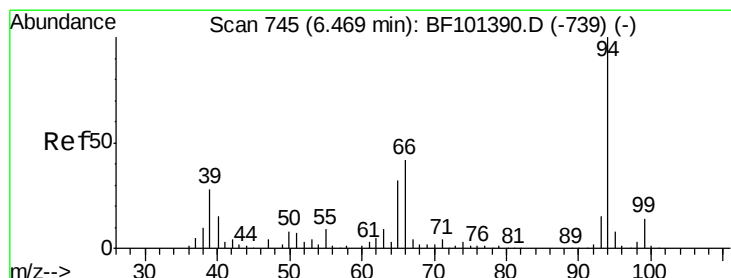
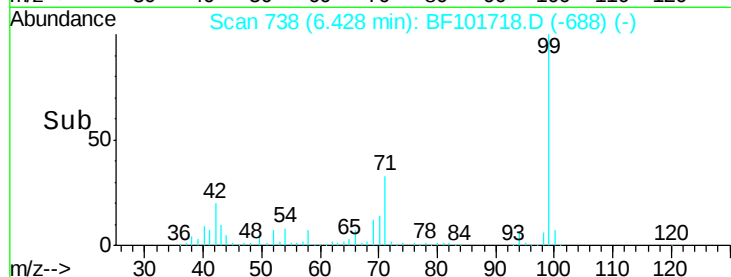
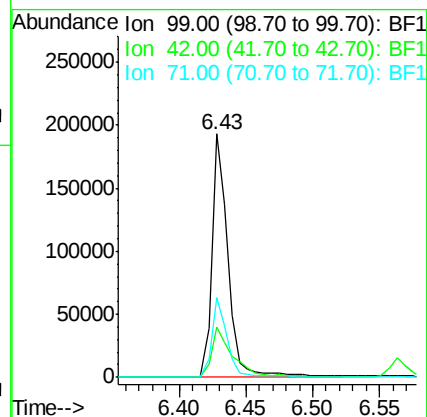
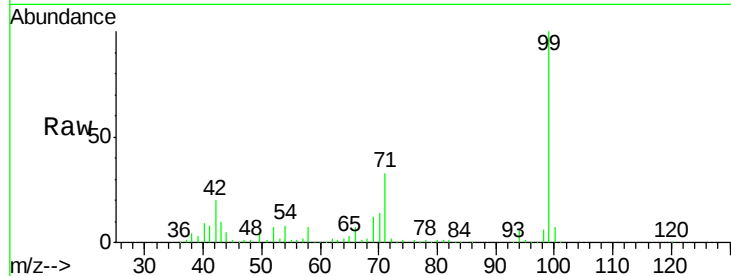
ClientSampleId :

WC-34972326-01DL

Tgt Ion:	99	Resp:	163938
Ion	Ratio	Lower	Upper
99	100		
42	20.5	14.5	21.7
71	32.7	25.4	38.0

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#10

Phenol

Concen: 98.136 ng

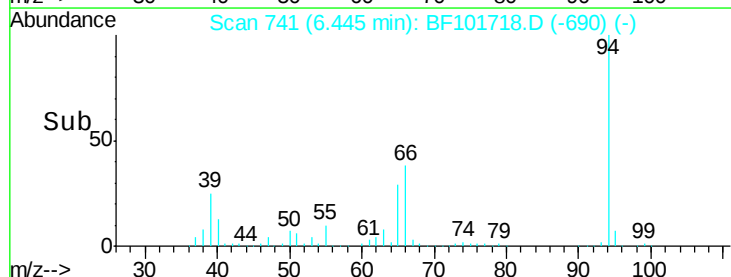
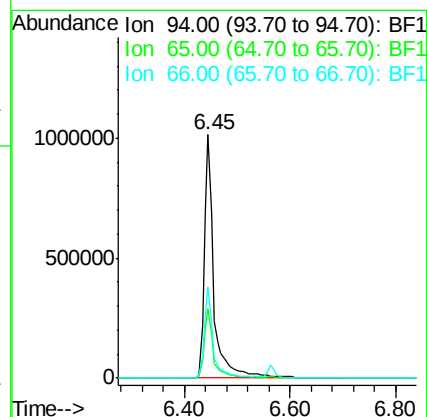
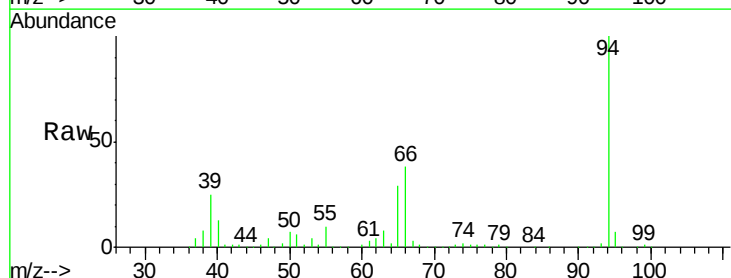
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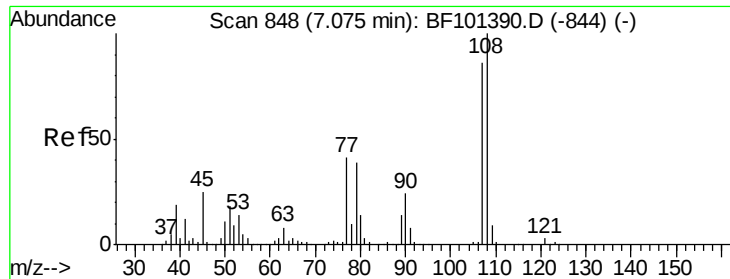
Delta R.T. -0.00 min

Lab File: BF101718.D

Acq: 26 Dec 2017 16:27

Tgt Ion:	94	Resp:	1286262
Ion	Ratio	Lower	Upper
94	100		
65	28.8	7.9	47.9
66	37.5	16.2	56.2





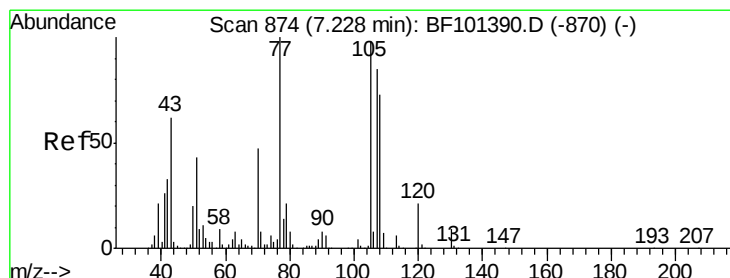
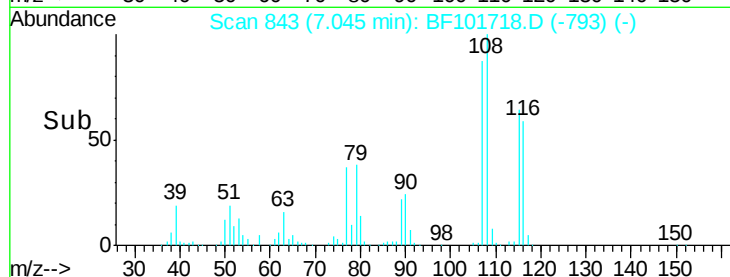
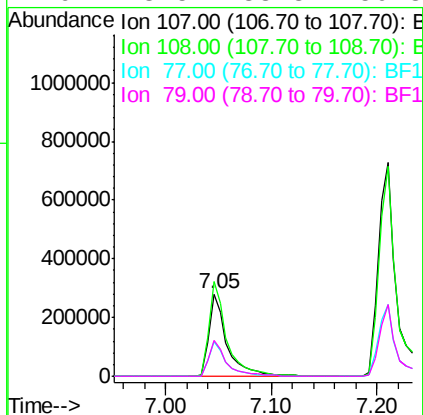
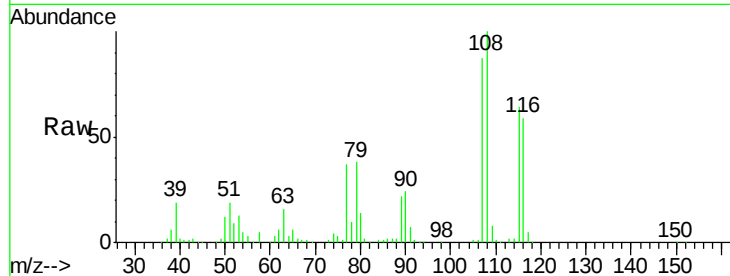
#17
2-Methylphenol
Concen: 37.115 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF101718.D
Acq: 26 Dec 2017 16:27

Instrument :
BNA_F
ClientSampleId :
WC-34972326-01DL

Tgt Ion:	107	Resp:	331847
Ion Ratio	Lower	Upper	
107	100		
108	115.1	91.7	137.5
77	42.8	33.8	50.8
79	43.5	33.8	50.8

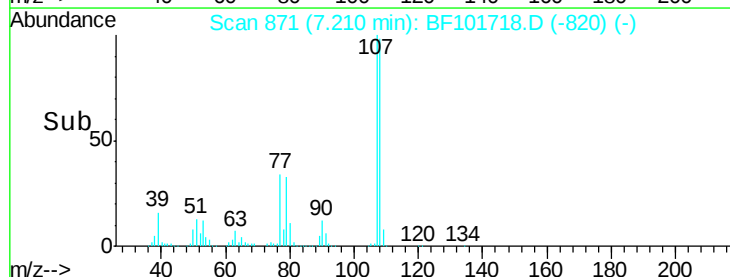
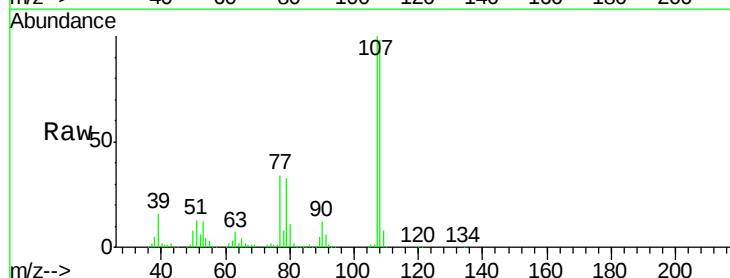
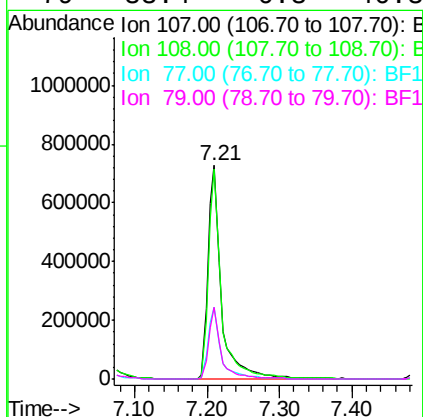
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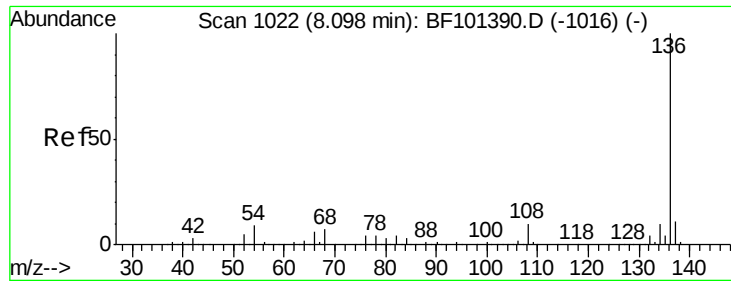
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#20
3+4-Methylphenols
Concen: 98.668 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF101718.D
Acq: 26 Dec 2017 16:27

Tgt Ion:	107	Resp:	934847
Ion Ratio	Lower	Upper	
107	100		
108	98.4	68.2	108.2
77	33.9	26.7	66.7
79	33.4	6.3	46.3





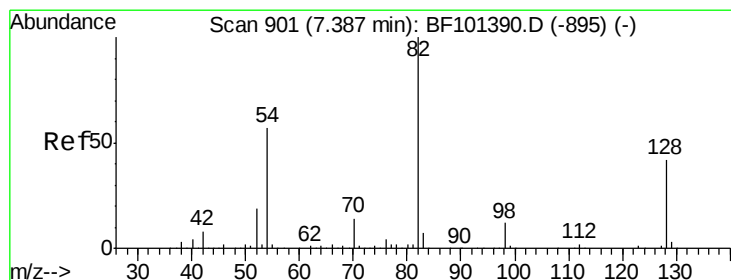
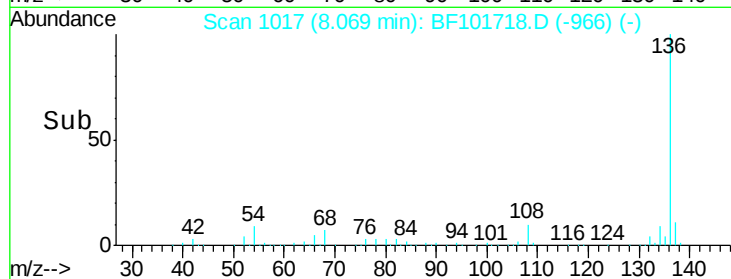
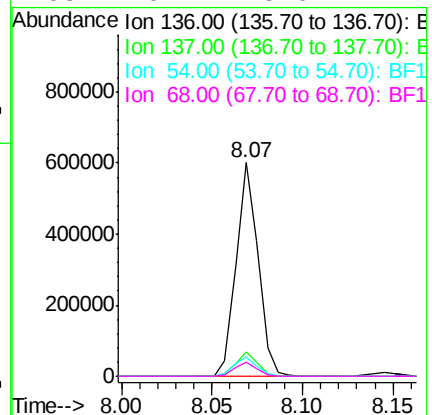
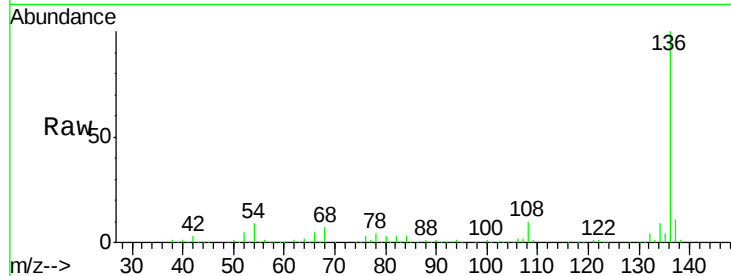
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF101718.D
Acq: 26 Dec 2017 16:27

Instrument :
BNA_F
ClientSampleId :
WC-34972326-01DL

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	508529		
137	11.2	8.9	13.3	
54	9.3	6.6	9.8	
68	6.7	5.0	7.4	

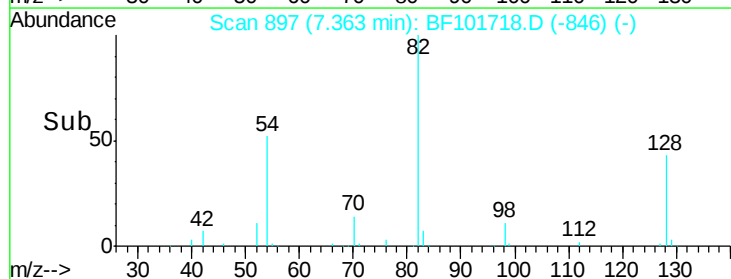
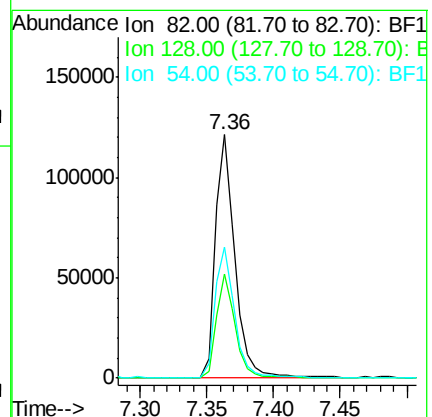
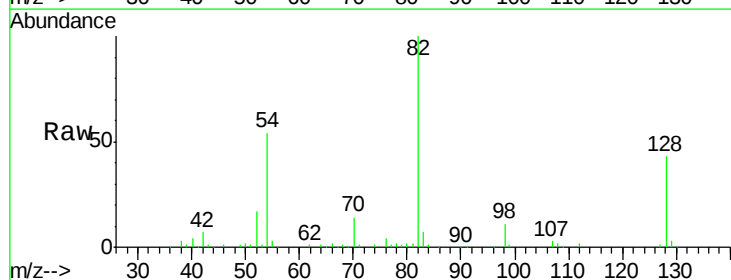
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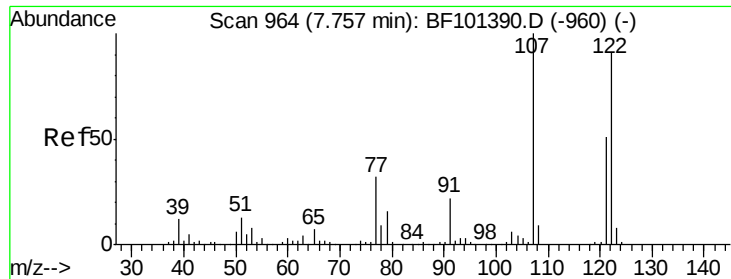
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#23
Nitrobenzene-d5
Concen: 13.764 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF101718.D
Acq: 26 Dec 2017 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	125736		
128	42.6	36.1	54.1	
54	53.9	41.4	62.2	





#27

2,4-Dimethylphenol

Concen: 26.356 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF101718.D

Acq: 26 Dec 2017 16:27

Instrument :

BNA_F

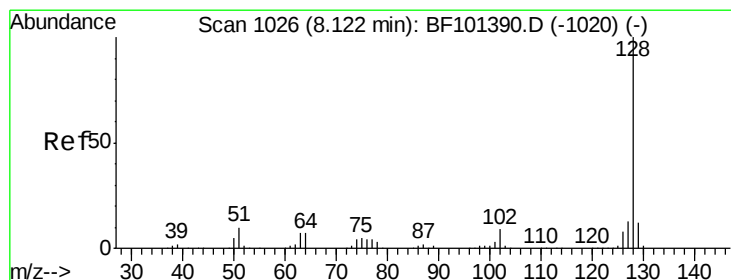
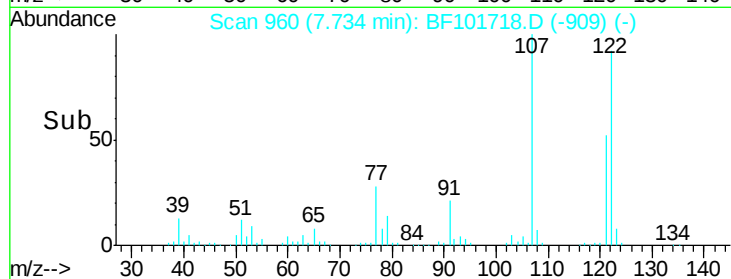
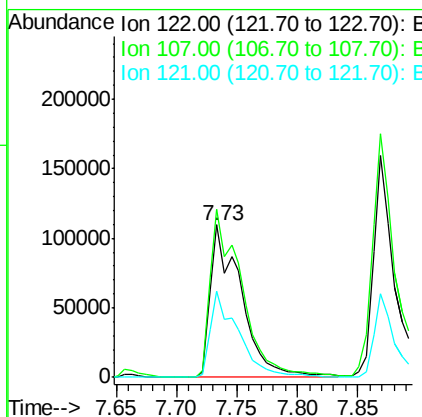
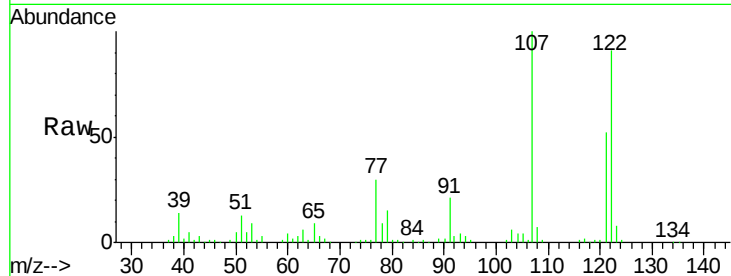
ClientSampleId :

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Tgt Ion:	122	Resp:	194493
Ion Ratio	Lower	Upper	
122	100		
107	110.2	91.2	136.8
121	56.8	47.2	70.8

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#31

Naphthalene

Concen: 75.488 ng

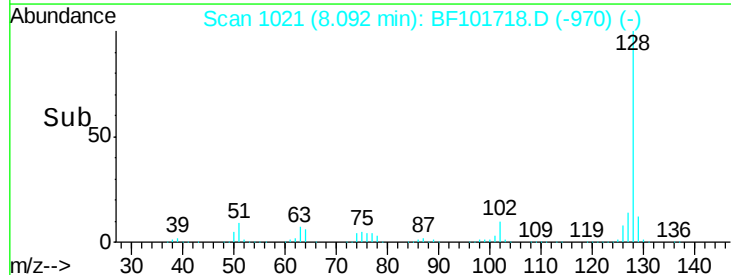
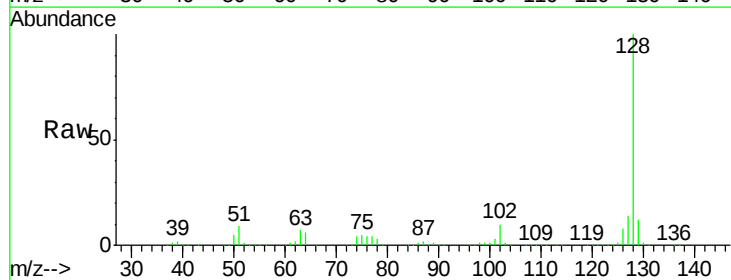
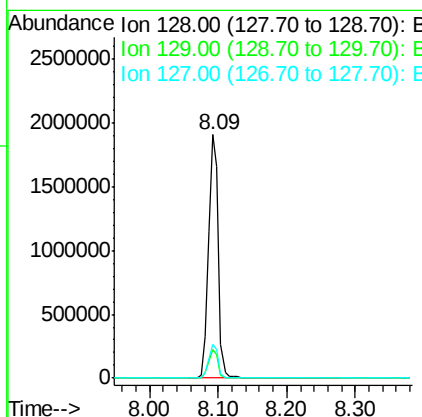
RT: 8.09 min Scan# 1021

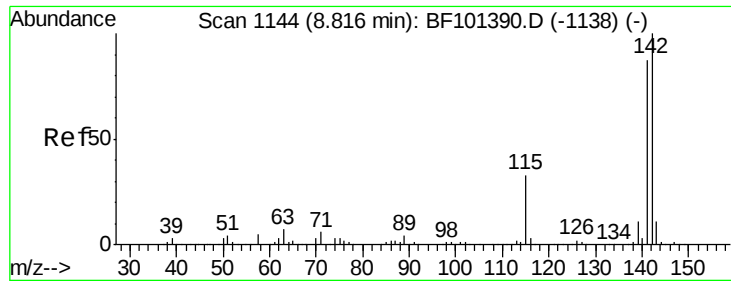
Delta R.T. -0.00 min

Lab File: BF101718.D

Acq: 26 Dec 2017 16:27

Tgt Ion:	128	Resp:	1932591
Ion Ratio	Lower	Upper	
128	100		
129	11.5	8.8	13.2
127	13.9	10.9	16.3





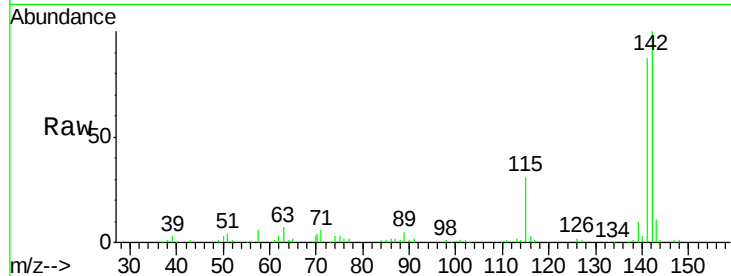
#37
2-Methylnaphthalene
Concen: 6.364 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BF101718.D
Acq: 26 Dec 2017 16:27

Instrument :
BNA_F
ClientSampleId :
WC-34972326-01DL

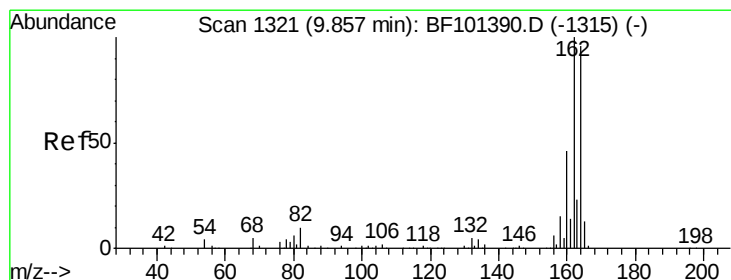
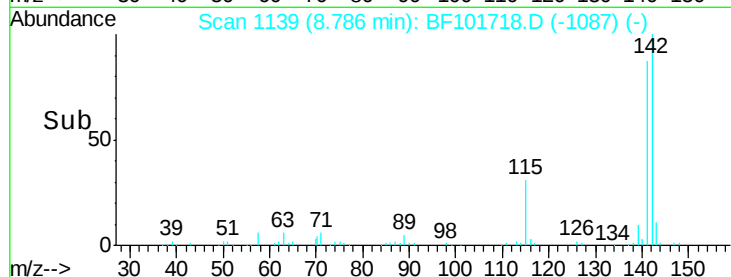
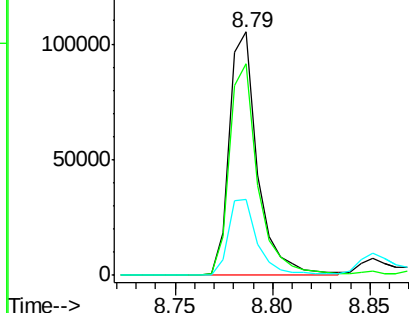
Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.0	70.8	106.2
115	31.0	26.1	39.1

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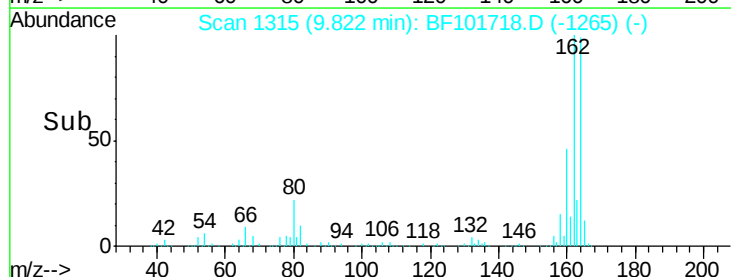
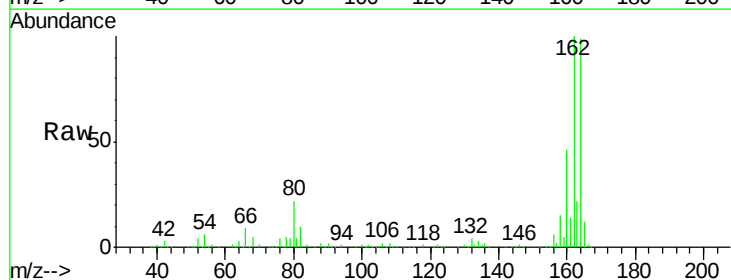
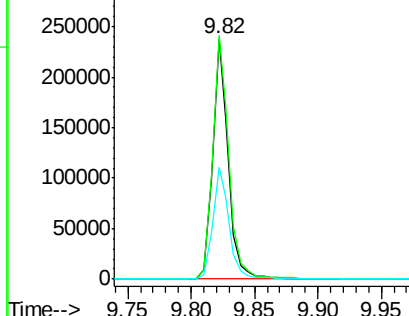
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Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

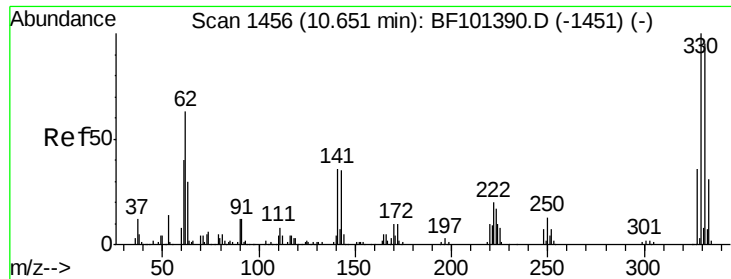


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF101718.D
Acq: 26 Dec 2017 16:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	86.1	129.1
160	46.4	38.3	57.5

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





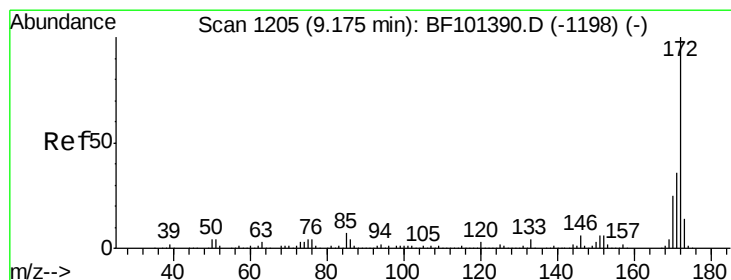
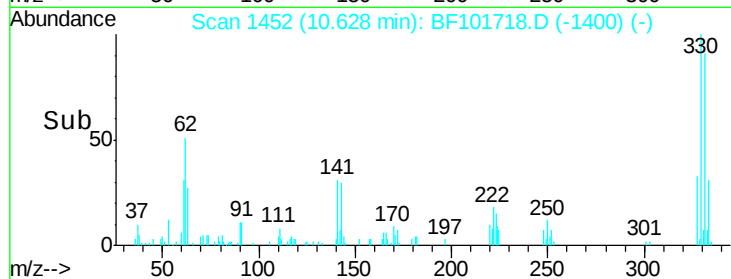
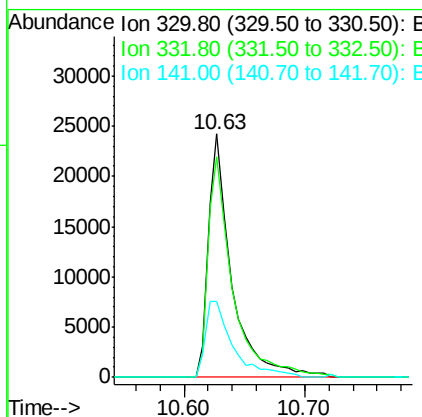
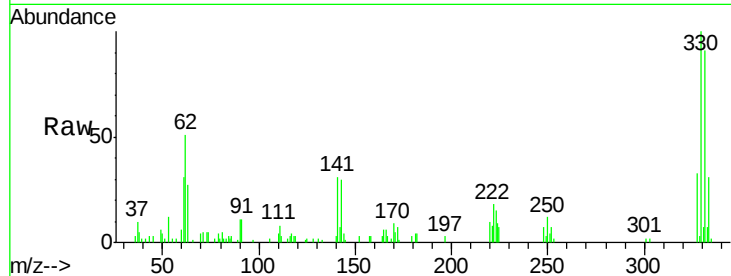
#41
 2,4,6-Tribromophenol
 Concen: 16.178 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF101718.D
 Acq: 26 Dec 2017 16:27

Instrument :
 BNA_F
 ClientSampleId :
 WC-34972326-01DL

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	32158		
332	95.7	77.0	115.6	
141	37.3	29.9	44.9	

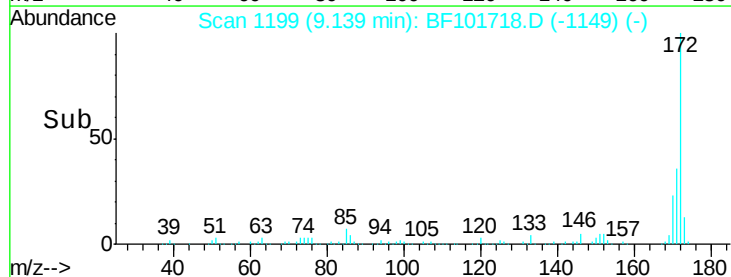
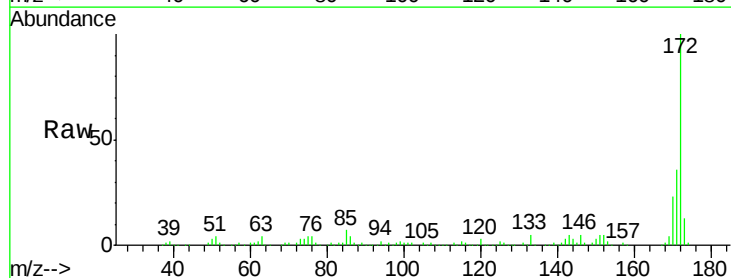
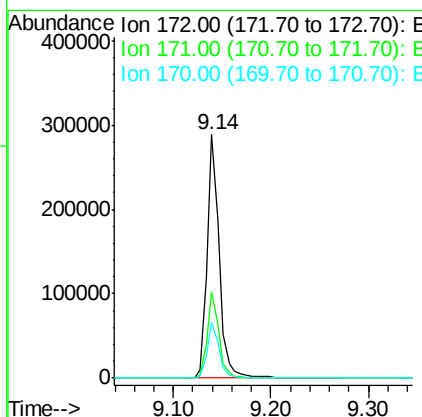
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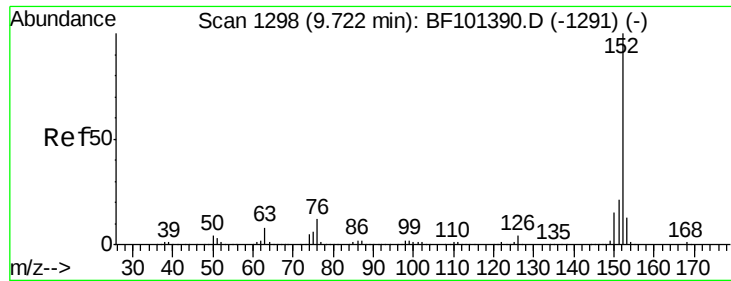
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#44
 2-Fluorobiphenyl
 Concen: 18.697 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF101718.D
 Acq: 26 Dec 2017 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	248630		
171	35.5	29.7	44.5	
170	22.6	19.6	29.4	





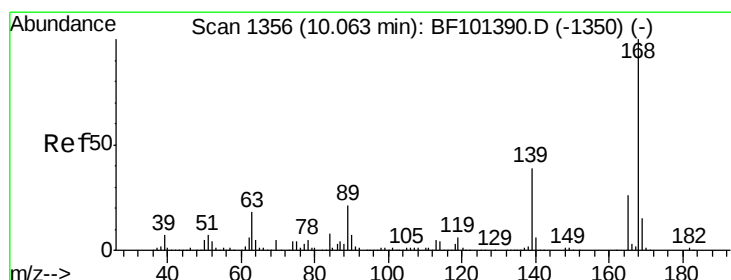
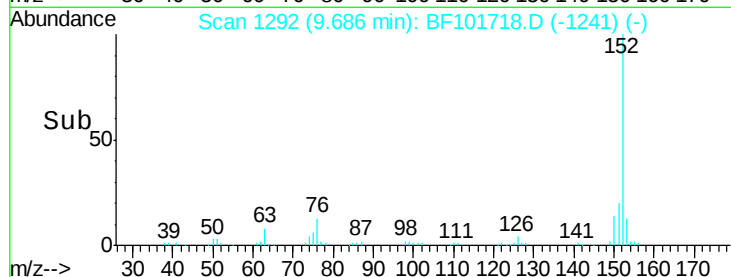
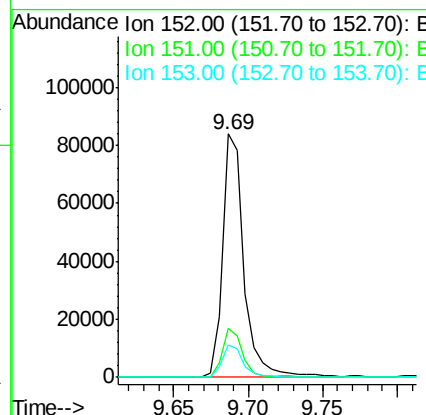
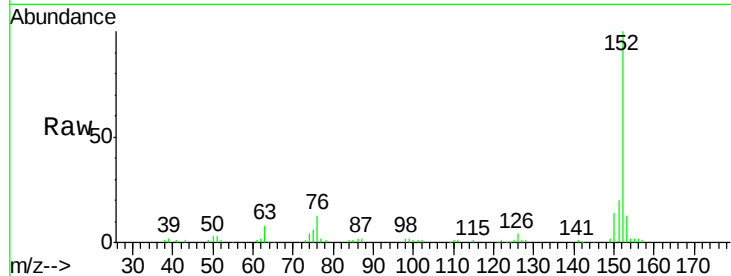
#48
 Acenaphthylene
 Concen: 3.813 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: BF101718.D
 Acq: 26 Dec 2017 16:27

Instrument :
 BNA_F
 ClientSampleId :
 WC-34972326-01DL

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	13.3	10.7	16.1

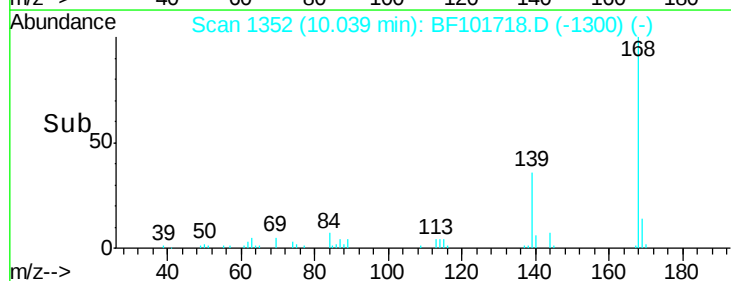
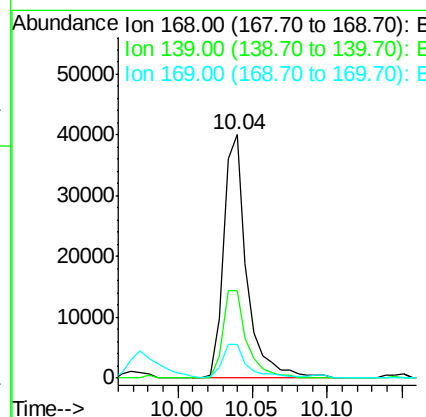
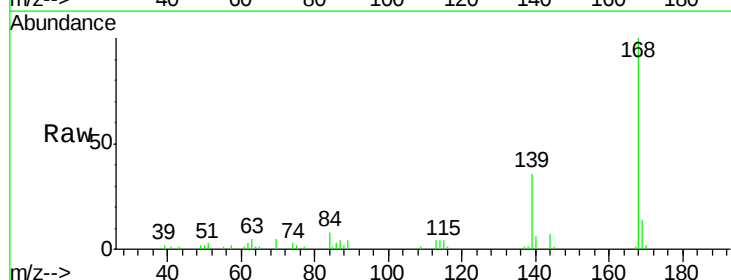
Manual Integrations
 APPROVED

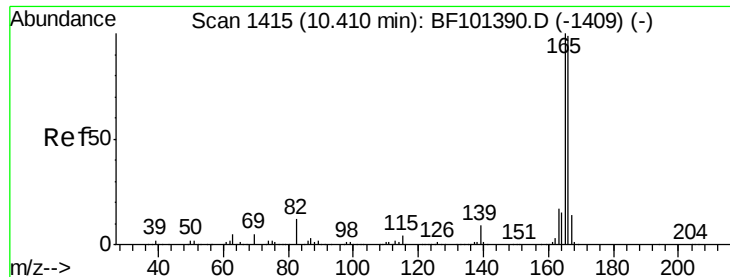
Sohil
 12/27/2017 4:14:45 PM



#54
 Dibenzofuran
 Concen: 2.585 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. 0.01 min
 Lab File: BF101718.D
 Acq: 26 Dec 2017 16:27

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.7	30.1	45.1
169	13.8	10.9	16.3





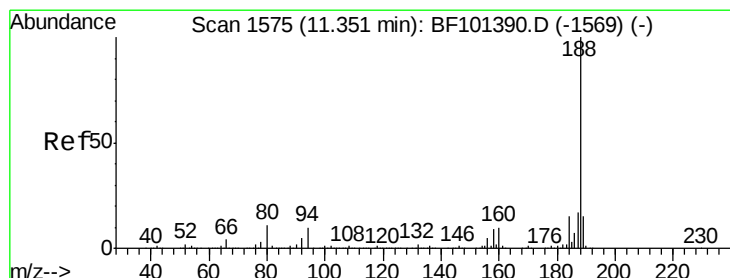
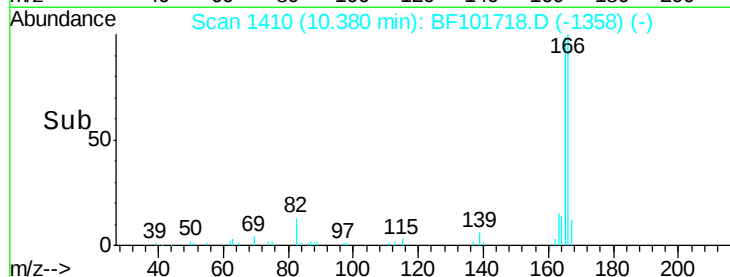
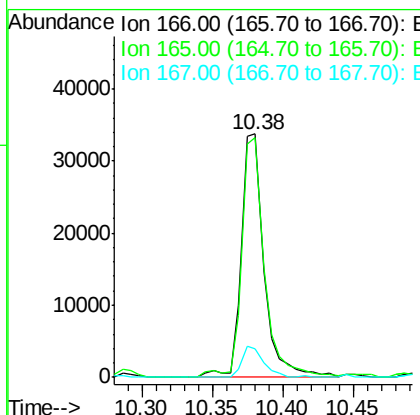
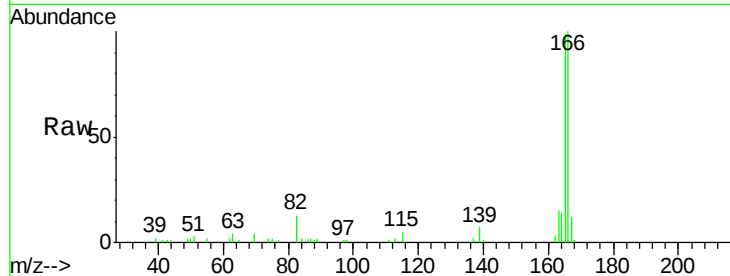
#57
Fluorene
 Concen: 2.664 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. 0.01 min
 Lab File: BF101718.D
 Acq: 26 Dec 2017 16:27

Instrument :
 BNA_F
 ClientSampleId :
 WC-34972326-01DL

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	38039		
165	98.6	79.8	119.8	
167	12.0	10.6	16.0	

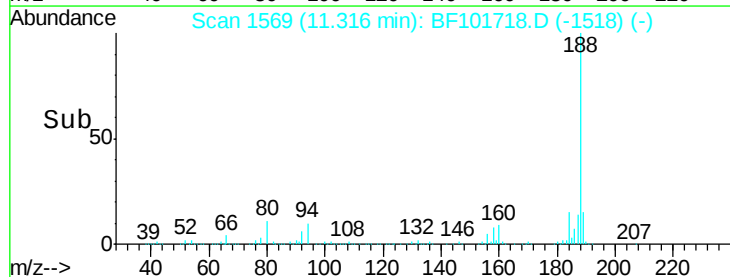
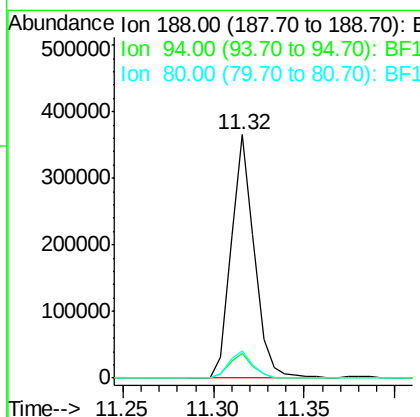
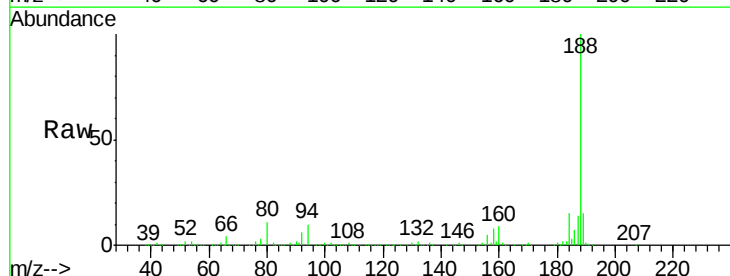
Manual Integrations
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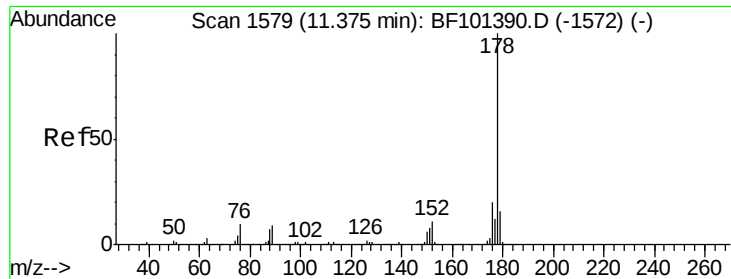
Sohil
 12/27/2017 4:14:45 PM



#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BF101718.D
 Acq: 26 Dec 2017 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	323946		
94	10.4	8.5	12.7	
80	11.2	9.2	13.8	





#70

Phenanthrene

Concen: 2.343 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BF101718.D

Acq: 26 Dec 2017 16:27

Instrument :

BNA_F

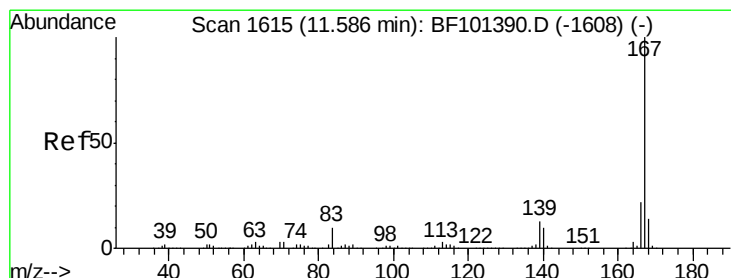
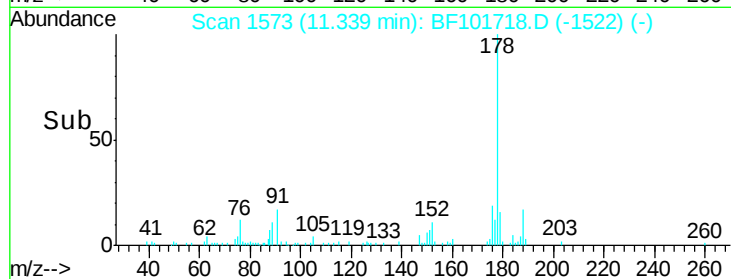
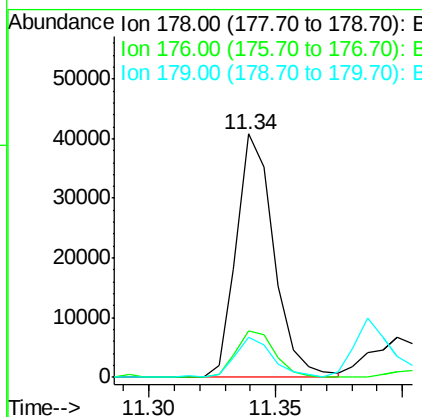
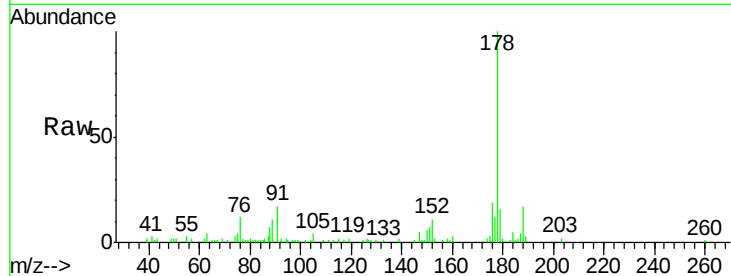
ClientSampleId :

WC-34972326-01DL

Tgt Ion:	178	Resp:	42211
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.8	23.8
179	16.4	13.0	19.6

Manual Integrations
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#72

Carbazole

Concen: 4.924 ng

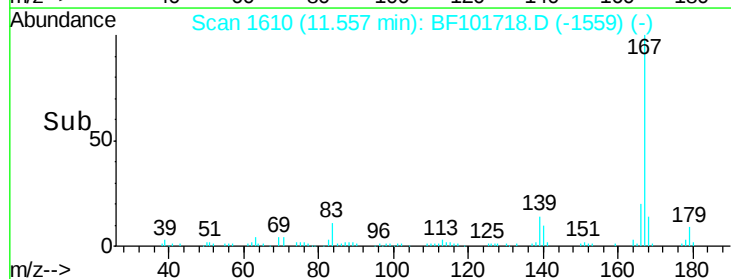
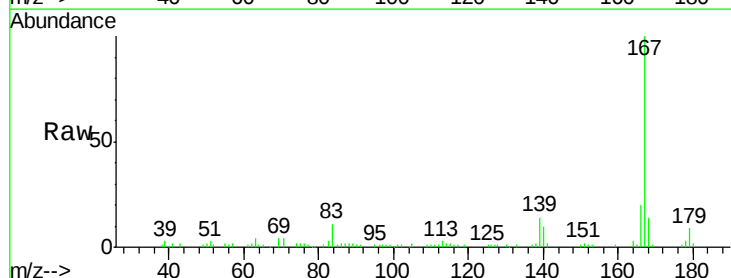
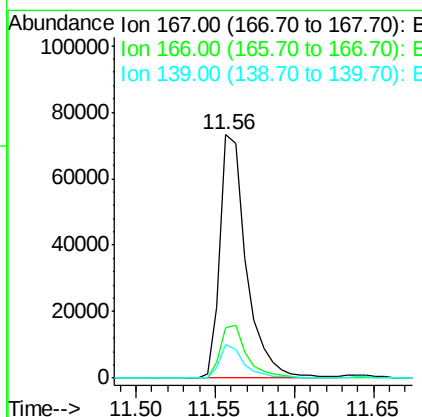
RT: 11.56 min Scan# 1610

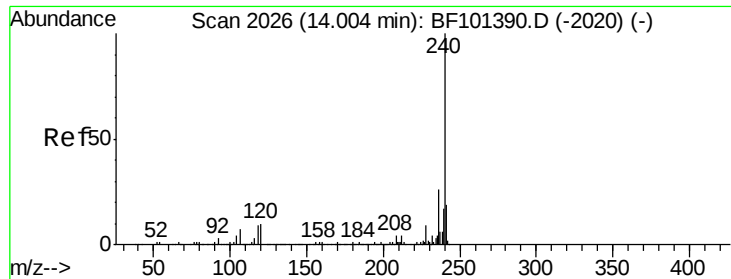
Delta R.T. -0.00 min

Lab File: BF101718.D

Acq: 26 Dec 2017 16:27

Tgt Ion:	167	Resp:	84828
Ion Ratio	Lower	Upper	
167	100		
166	20.5	17.6	26.4
139	13.7	10.9	16.3





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BF101718.D

Acq: 26 Dec 2017 16:27

Instrument :

BNA_F

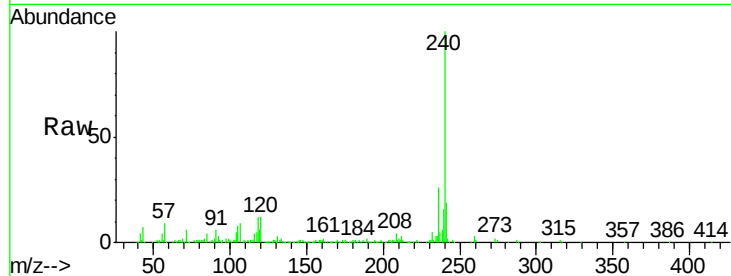
ClientSampleId :

WC-34972326-01DL

Tgt Ion:	240	Resp:	267210
Ion Ratio	Lower	Upper	
240	100		
120	12.3	9.5	14.3
236	26.4	20.7	31.1

Manual Integrations
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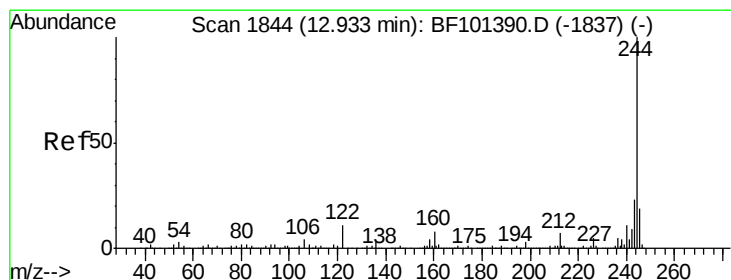
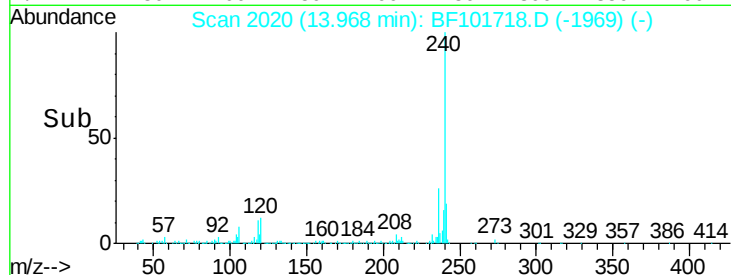
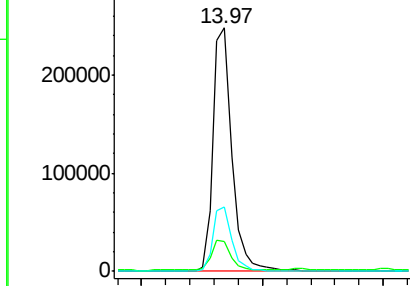
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 16.134 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF101718.D

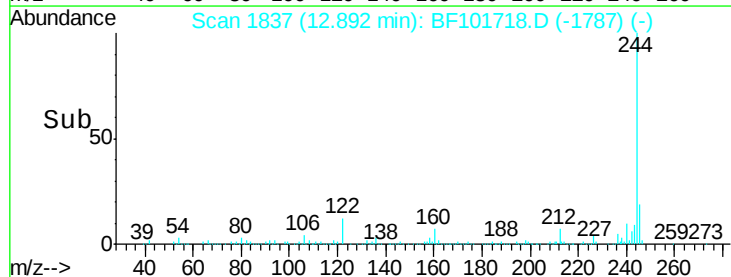
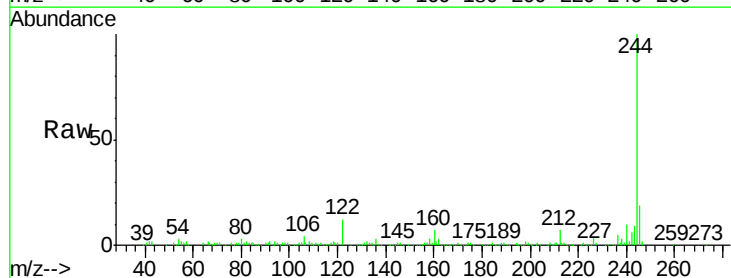
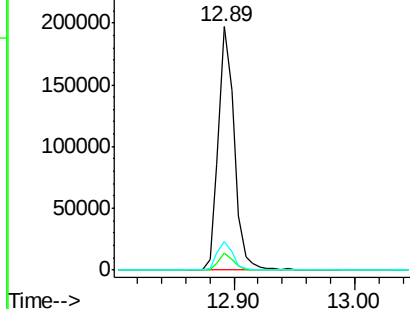
Acq: 26 Dec 2017 16:27

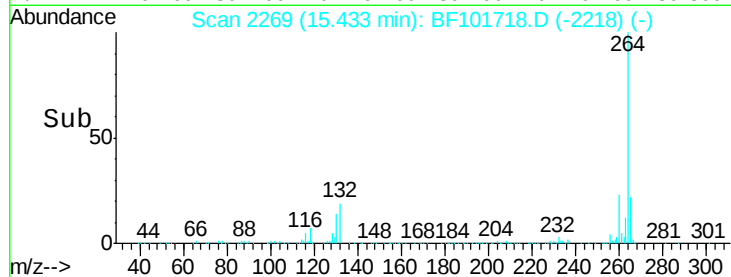
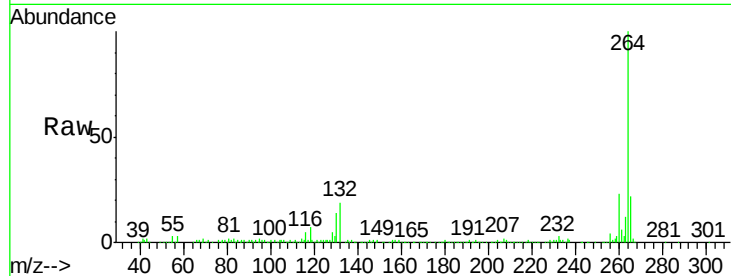
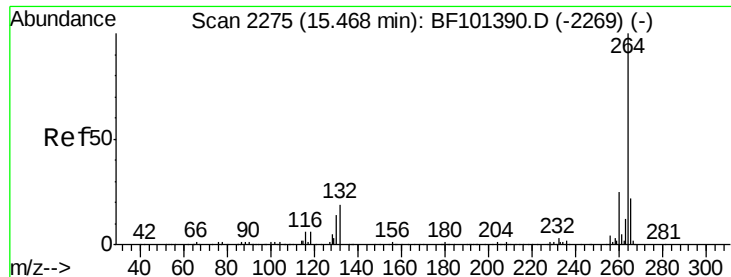
Tgt Ion:	244	Resp:	178825
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.4	8.0
122	11.9	11.0	16.4

Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BF101718.D
Acq: 26 Dec 2017 16:27

Instrument :
BNA_F
ClientSampleId :
WC-34972326-01DL

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	291726		
260	22.8		19.2	28.8
265	21.7		17.5	26.3

Manual Integrations
APPROVED

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