

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
 Data File : BF101715.D
 Acq On : 26 Dec 2017 15:06
 Operator : SJ/JU
 Sample : I6837-03DL 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-69-01DL

Manual Integrations
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Quant Time: Dec 26 15:51:09 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	134009	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	512485	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	204871	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	329494	20.00	ng	0.00
75) Chrysene-d12	13.97	240	273409	20.00	ng	0.00
86) Perylene-d12	15.43	264	291102	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	121648m	13.52	ng	0.04
7) Phenol-d6	6.43	99	119129	10.64	ng	0.00
23) Nitrobenzene-d5	7.36	82	102172	11.10	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	26501	13.42	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	200079	15.15	ng	0.00
78) Terphenyl-d14	12.89	244	152415	13.44	ng	0.00
Target Compounds						
3) Pyridine	3.25	79	606204	47.199	ng	96
10) Phenol	6.45	94	373580	29.274	ng	99
17) 2-Methylphenol	7.06	107	51863	5.958	ng	96
20) 3+4-Methylphenols	7.22	107	192893	20.910	ng	84
27) 2,4-Dimethylphenol	7.77	122	20454	2.750	ng	# 91
31) Naphthalene	8.09	128	259842	10.071	ng	98
70) Phenanthrene	11.34	178	45078	2.460	ng	99
72) Carbazole	11.56	167	77681	4.433	ng	99

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

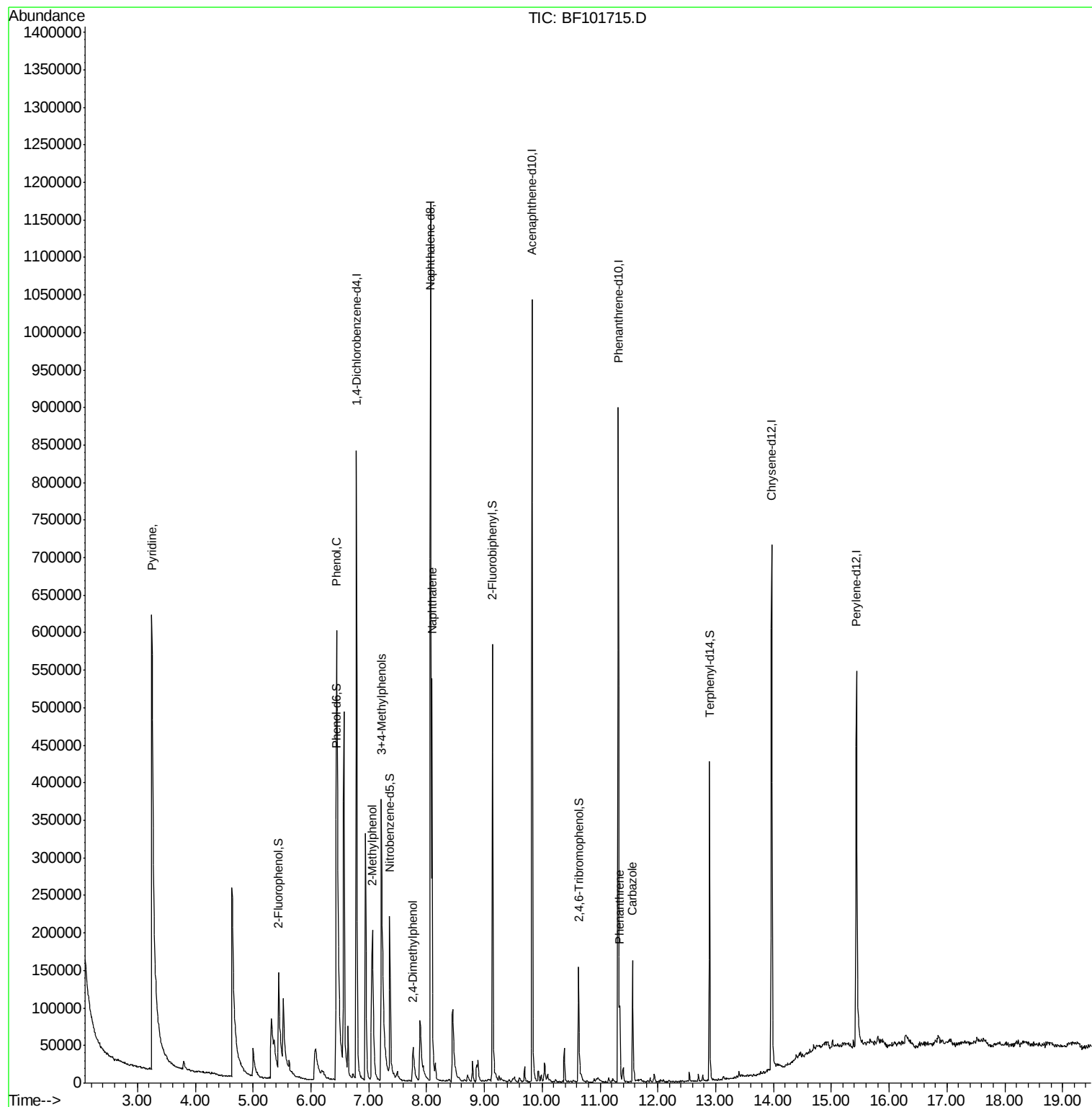
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101715.D
Acq On : 26 Dec 2017 15:06
Operator : SJ/JU
Sample : I6837-03DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

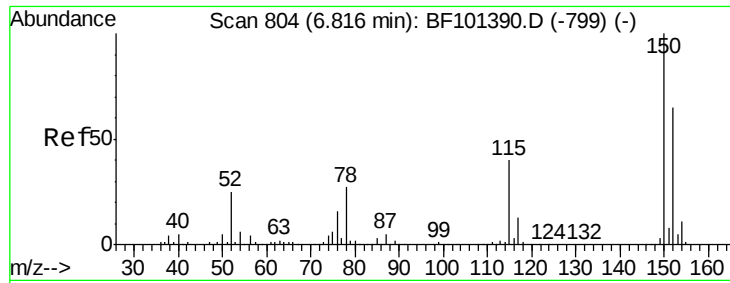
Instrument :
BNA_F
ClientSampleId :
WC-69-01DL

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Quant Time: Dec 26 15:51:09 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





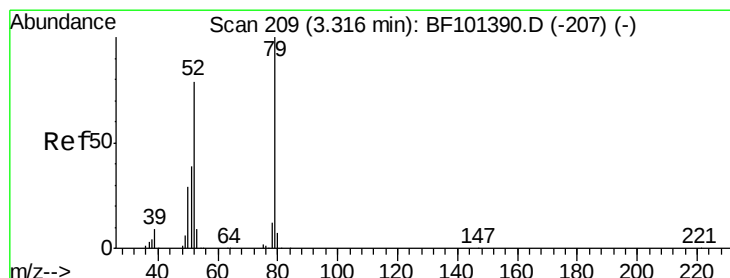
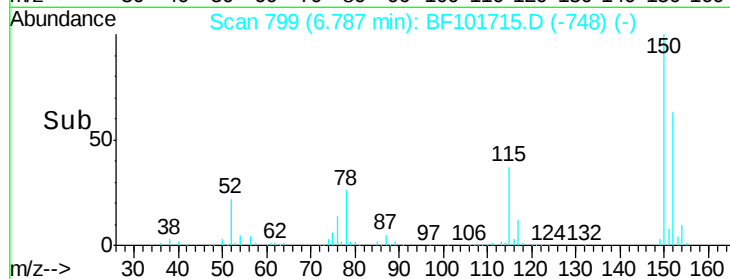
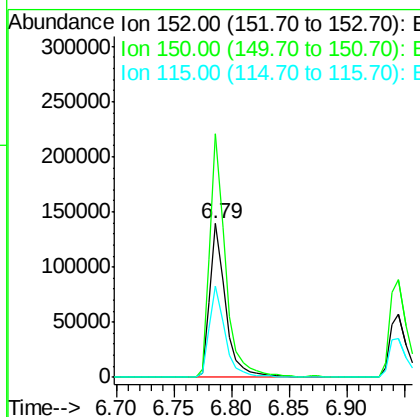
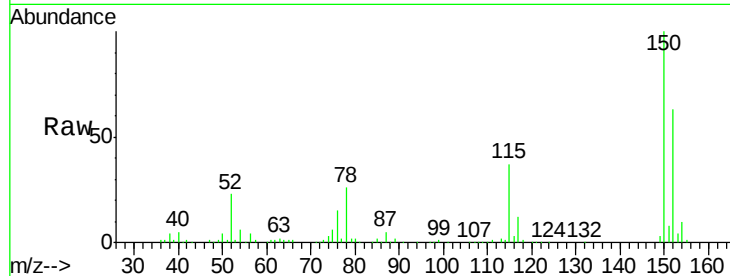
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF101715.D
 Acq: 26 Dec 2017 15:06

Instrument :
 BNA_F
 ClientSampleID :
 WC-69-01DL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.6	186.8
115	59.0	50.1	75.1

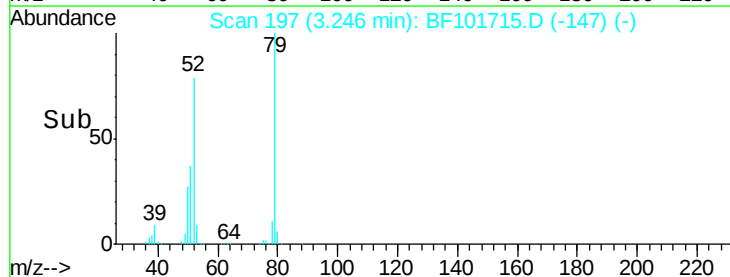
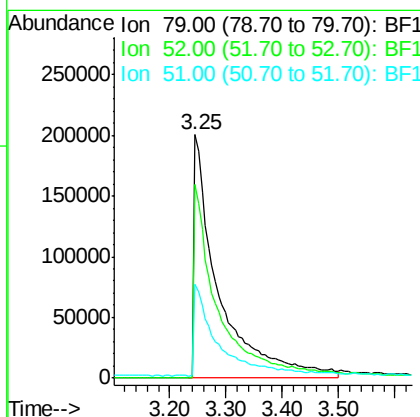
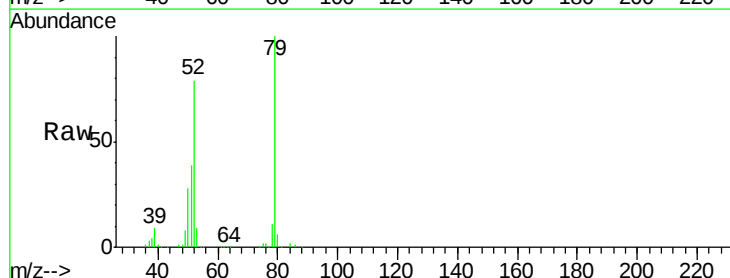
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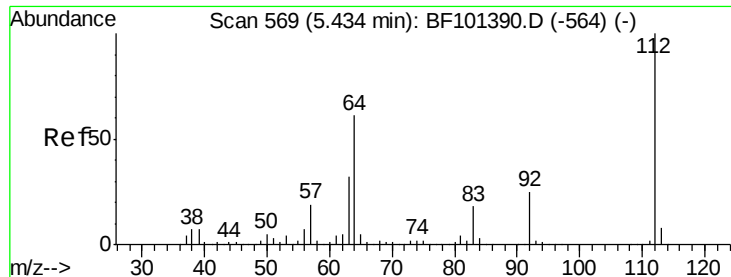
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#3
 Pyridine
 Concen: 47.199 ng
 RT: 3.25 min Scan# 197
 Delta R.T. -0.01 min
 Lab File: BF101715.D
 Acq: 26 Dec 2017 15:06

Tgt Ion	Ratio	Lower	Upper
79	100		
52	79.3	59.8	89.6
51	38.5	29.8	44.8





#5

2-Fluorophenol

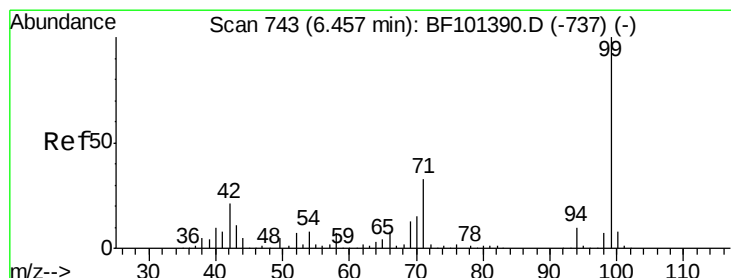
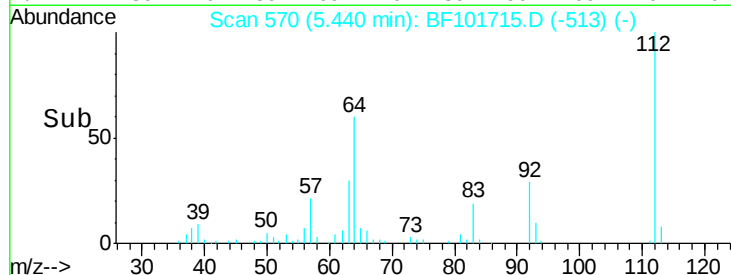
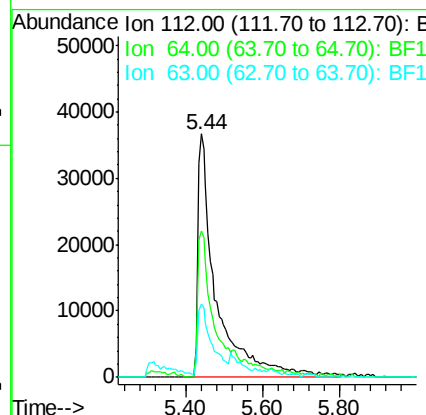
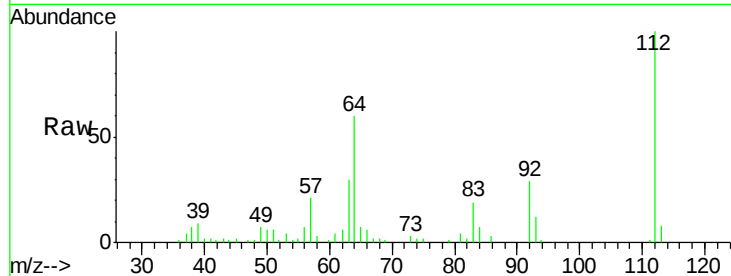
Concen: 13.522 ng m
RT: 5.44 min Scan# 570
Delta R.T. 0.04 min
Lab File: BF101715.D
Acq: 26 Dec 2017 15:06

Instrument :
BNA_F
ClientSampleID :
WC-69-01DL

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	121648		
64	60.2	47.9	71.9	
63	30.1	23.7	35.5	

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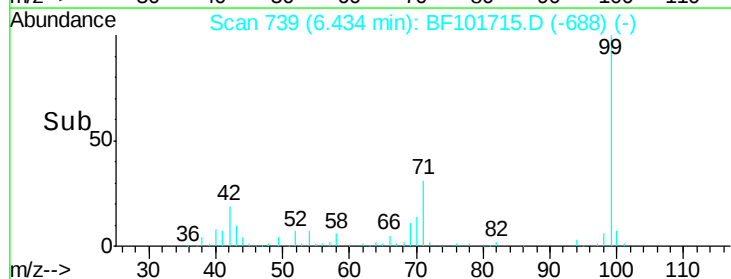
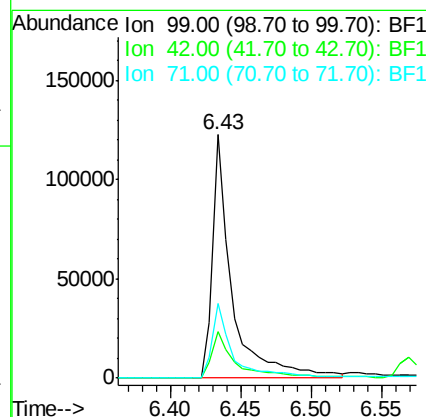
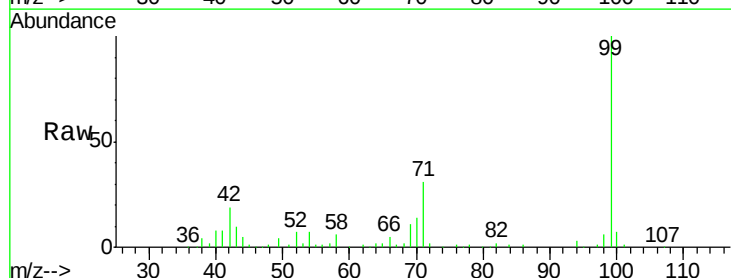


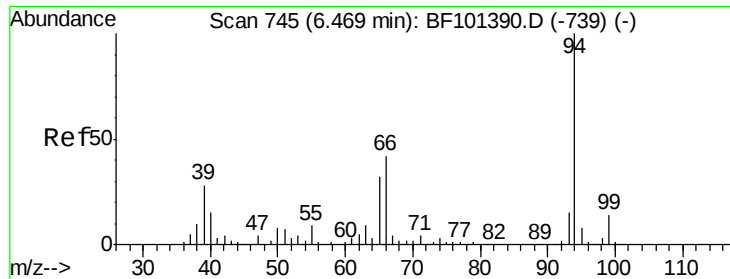
#7

Phenol-d6

Concen: 10.640 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF101715.D
Acq: 26 Dec 2017 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	119129		
42	18.9	14.5	21.7	
71	30.9	25.4	38.0	





#10

Phenol

Concen: 29.274 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF101715.D

Acq: 26 Dec 2017 15:06

Instrument :

BNA_F

ClientSampleID :

WC-69-01DL

Tgt Ion: 94 Resp: 373580

Ion Ratio Lower Upper

94 100

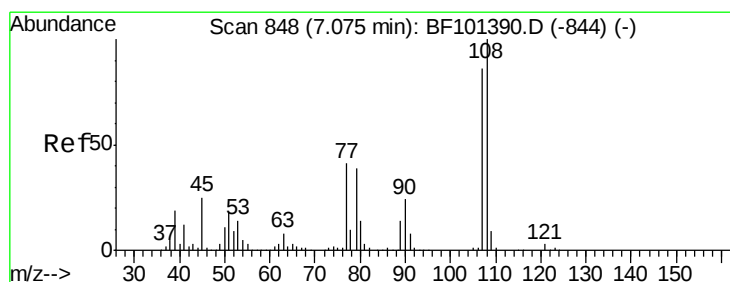
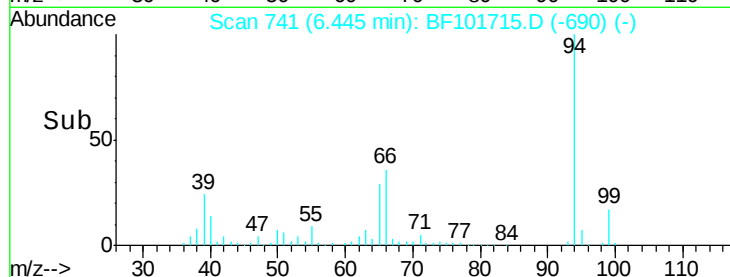
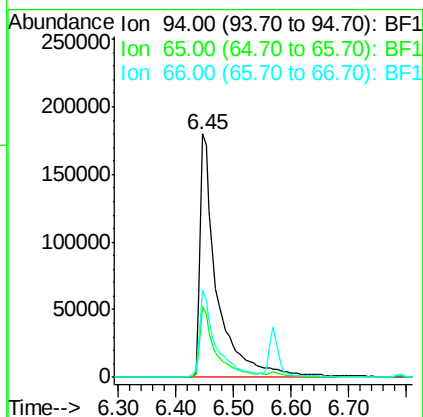
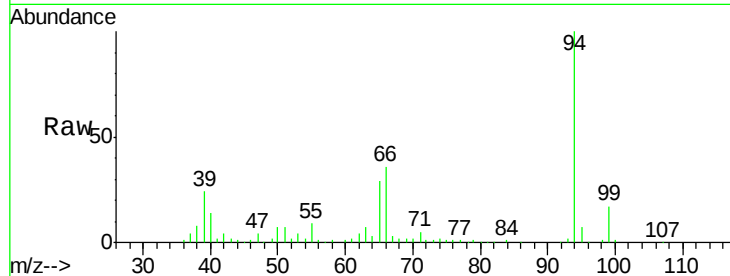
65 29.0 7.9 47.9

66 35.8 16.2 56.2

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#17

2-Methylphenol

Concen: 5.958 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.01 min

Lab File: BF101715.D

Acq: 26 Dec 2017 15:06

Tgt Ion: 107 Resp: 51863

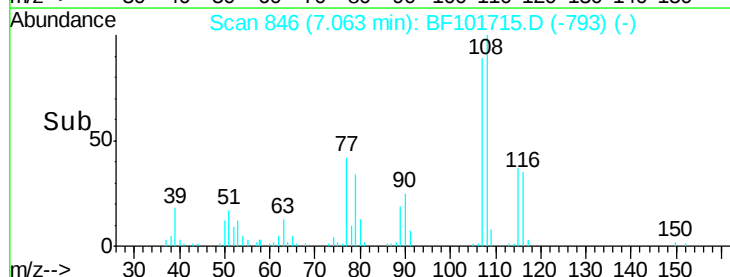
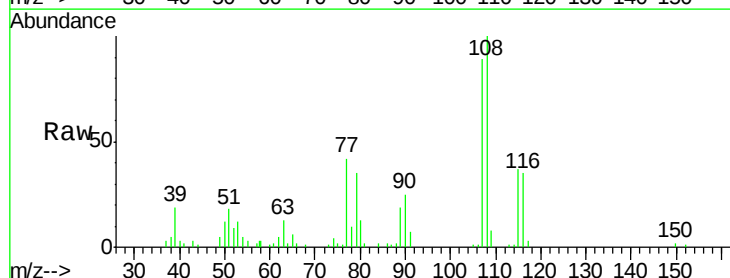
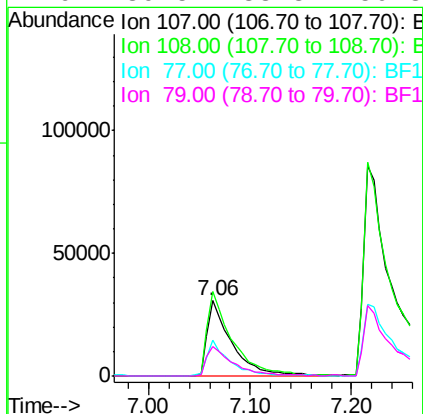
Ion Ratio Lower Upper

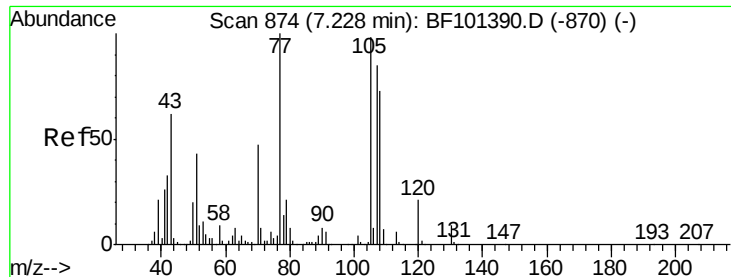
107 100

108 112.7 91.7 137.5

77 47.1 33.8 50.8

79 39.5 33.8 50.8





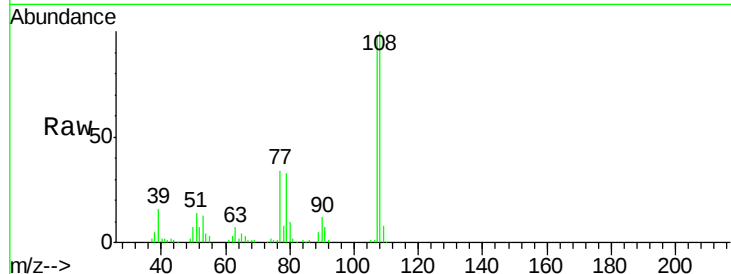
#20
3+4-Methylphenols
Concen: 20.910 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF101715.D
Acq: 26 Dec 2017 15:06

Instrument :
BNA_F
ClientSampleID :
WC-69-01DL

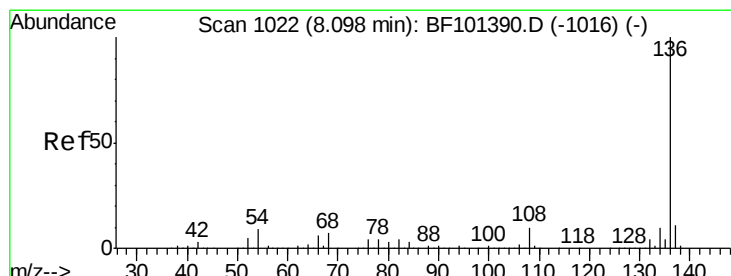
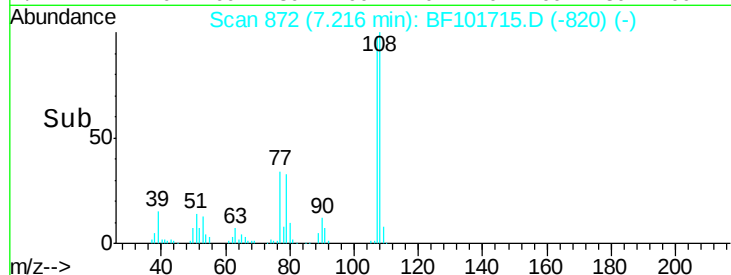
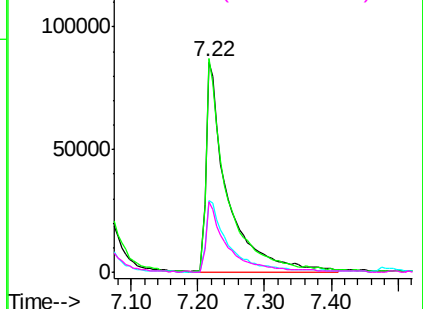
Tgt Ion:	107	Resp:	192893
Ion Ratio	Lower	Upper	
107	100		
108	101.7	68.2	108.2
77	34.2	26.7	66.7
79	33.7	6.3	46.3

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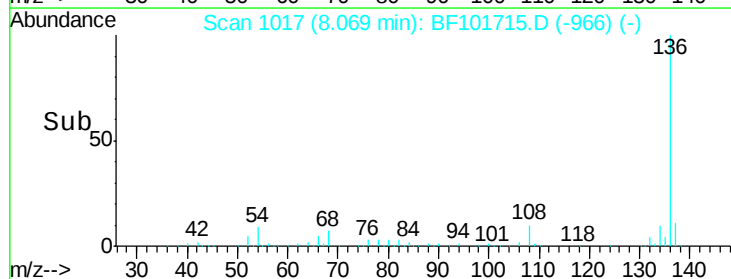
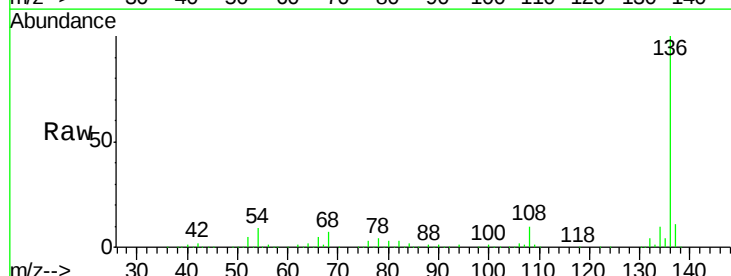
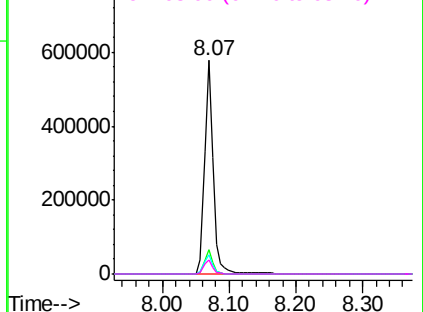
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

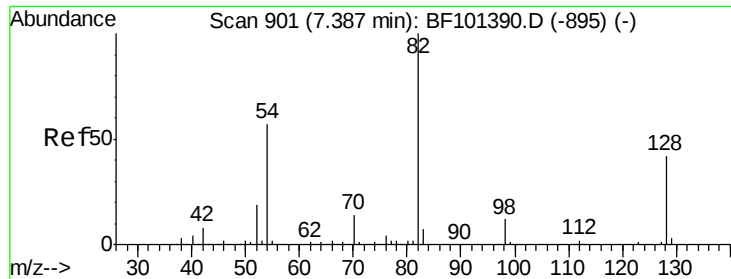


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF101715.D
Acq: 26 Dec 2017 15:06

Tgt Ion:	136	Resp:	512485
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	8.9	6.6	9.8
68	6.7	5.0	7.4

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





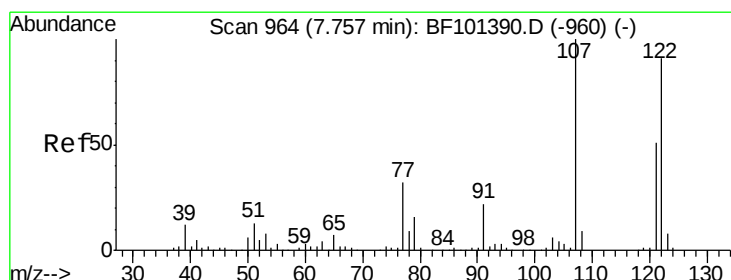
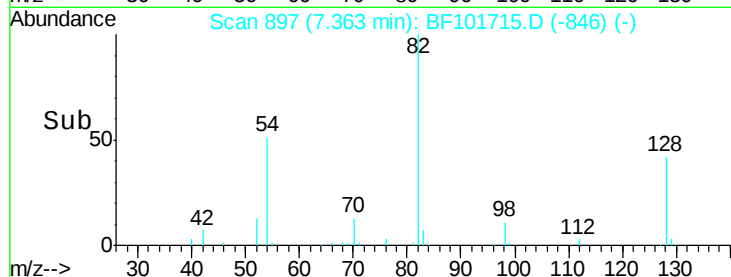
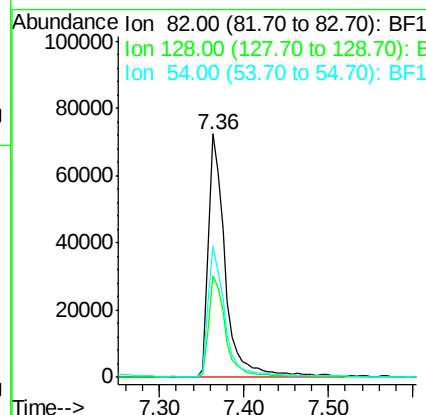
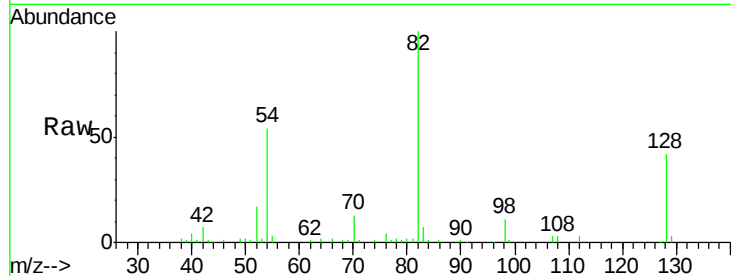
#23
 Nitrobenzene-d5
 Concen: 11.098 ng
 RT: 7.36 min Scan# 897
 Delta R.T. 0.00 min
 Lab File: BF101715.D
 Acq: 26 Dec 2017 15:06

Instrument :
 BNA_F
 ClientSampled :
 WC-69-01DL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.9	36.1	54.1
54	53.6	41.4	62.2

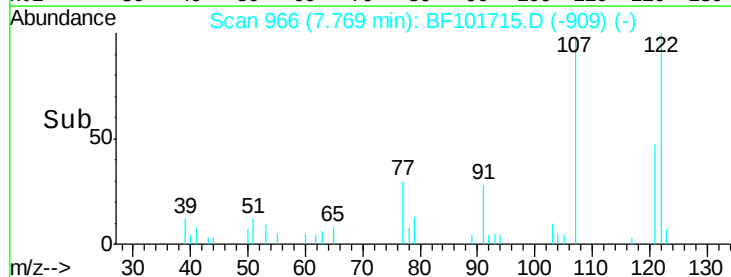
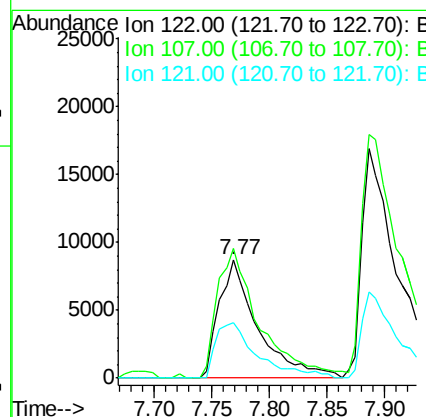
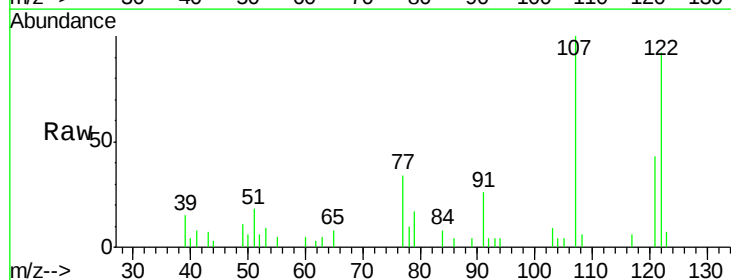
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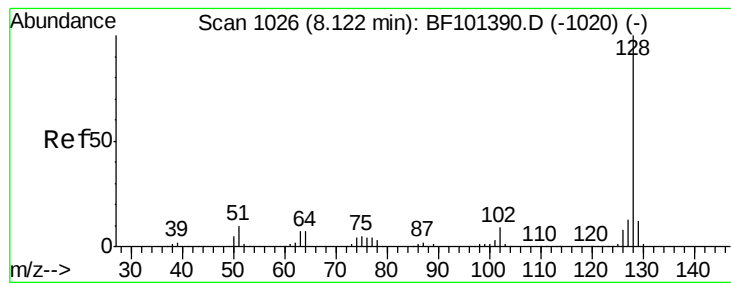
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#27
 2,4-Dimethylphenol
 Concen: 2.750 ng
 RT: 7.77 min Scan# 966
 Delta R.T. 0.04 min
 Lab File: BF101715.D
 Acq: 26 Dec 2017 15:06

Tgt Ion	Ratio	Lower	Upper
122	100		
107	109.1	91.2	136.8
121	46.6	47.2	70.8#





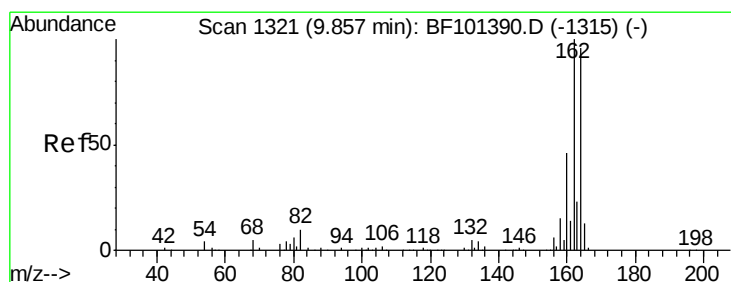
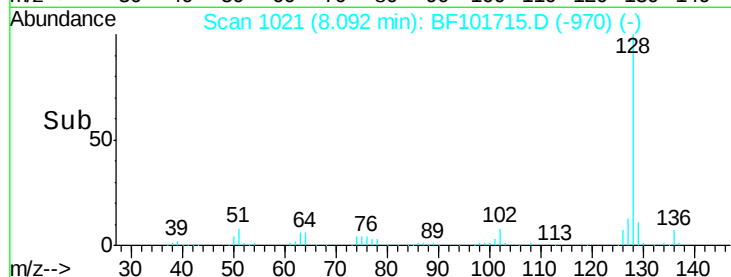
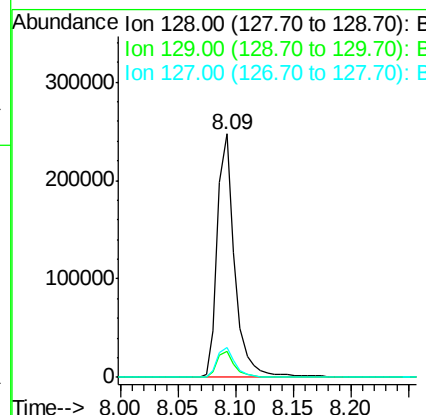
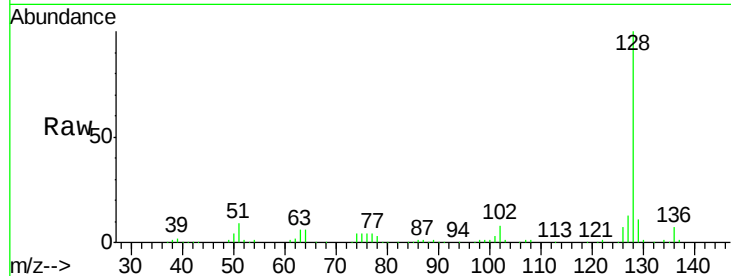
#31
Naphthalene
Concen: 10.071 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF101715.D
Acq: 26 Dec 2017 15:06

Instrument :
BNA_F
ClientSampleId :
WC-69-01DL

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	259842		
129	10.8		8.8	13.2
127	12.5		10.9	16.3

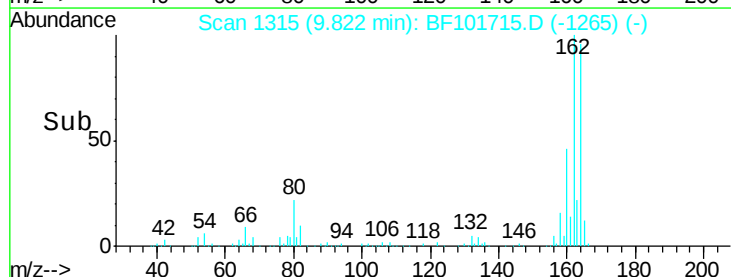
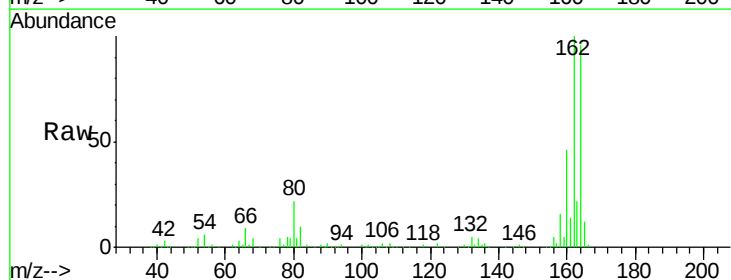
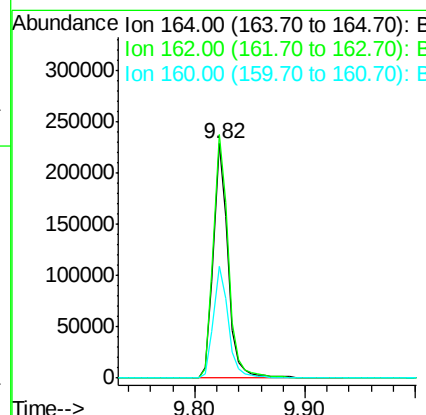
Manual Integrations
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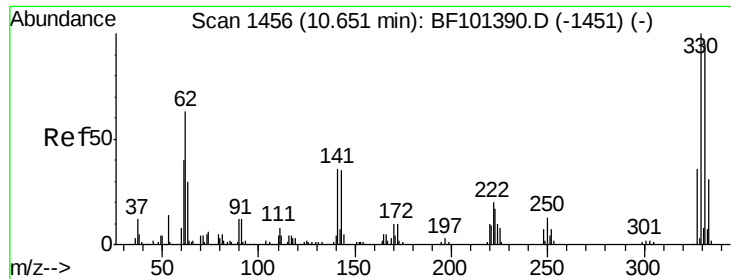
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF101715.D
Acq: 26 Dec 2017 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	204871		
162	104.0		86.1	129.1
160	47.7		38.3	57.5





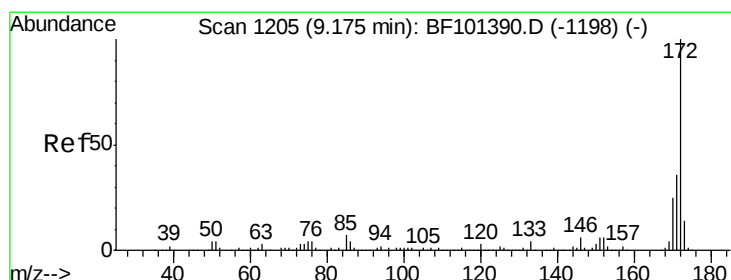
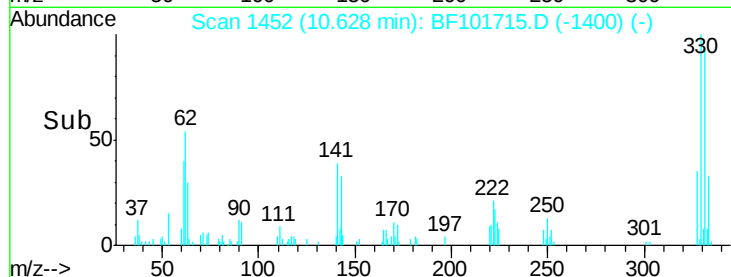
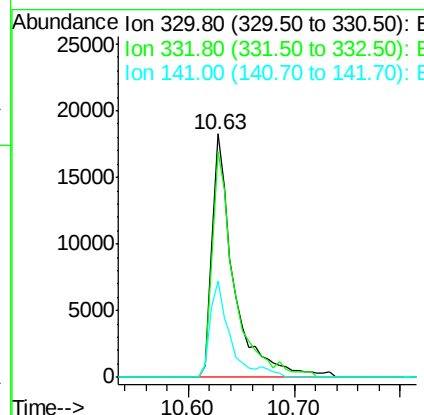
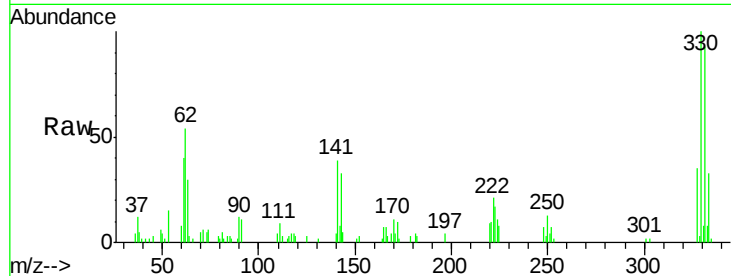
#41
 2,4,6-Tribromophenol
 Concen: 13.424 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF101715.D
 Acq: 26 Dec 2017 15:06

Instrument :
 BNA_F
 ClientSampleID :
 WC-69-01DL

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	26501		
332	94.2	77.0	115.6	
141	36.4	29.9	44.9	

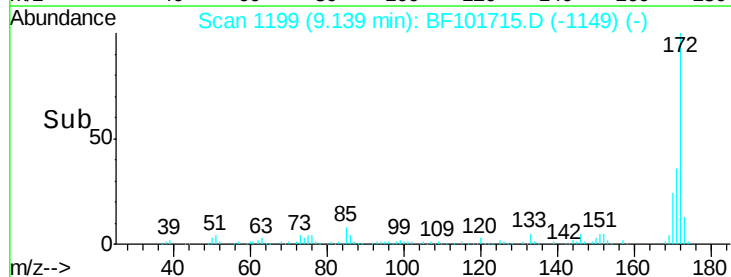
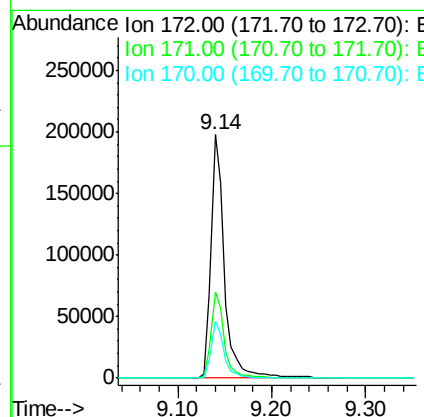
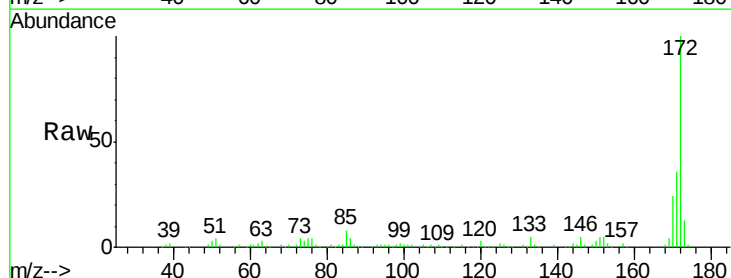
Manual Integrations
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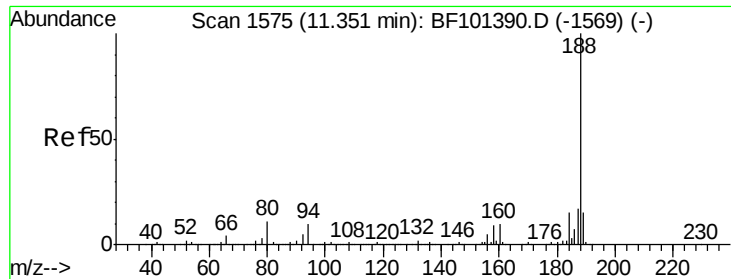
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#44
 2-Fluorobiphenyl
 Concen: 15.150 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF101715.D
 Acq: 26 Dec 2017 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	200079		
171	35.6	29.7	44.5	
170	23.5	19.6	29.4	





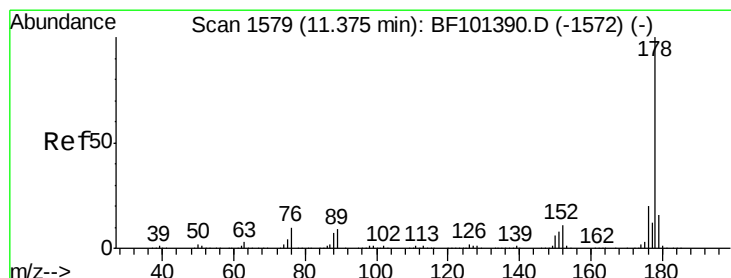
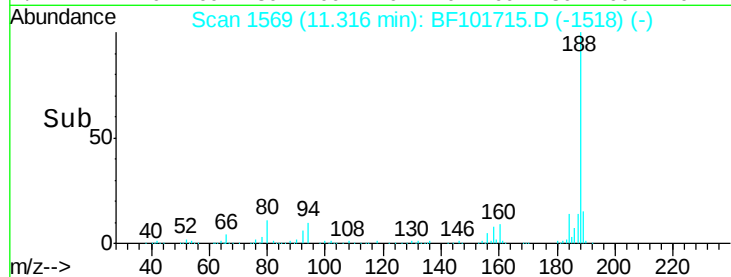
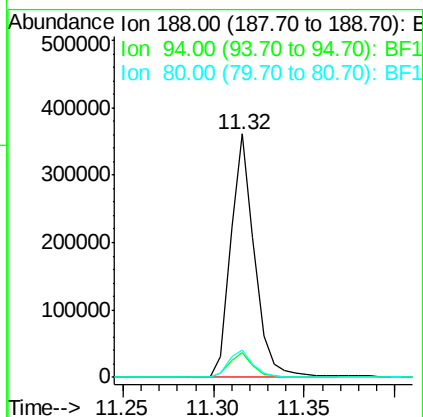
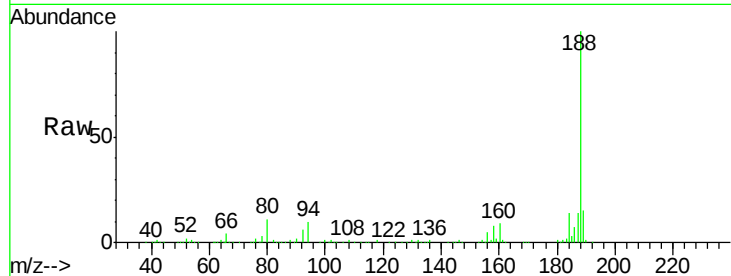
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF101715.D
Acq: 26 Dec 2017 15:06

Instrument :
BNA_F
ClientSampleID :
WC-69-01DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.3	8.5	12.7
80	11.0	9.2	13.8

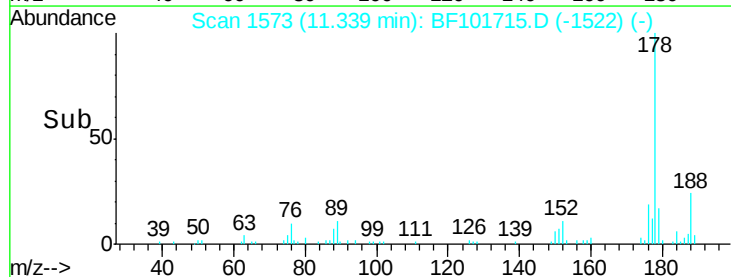
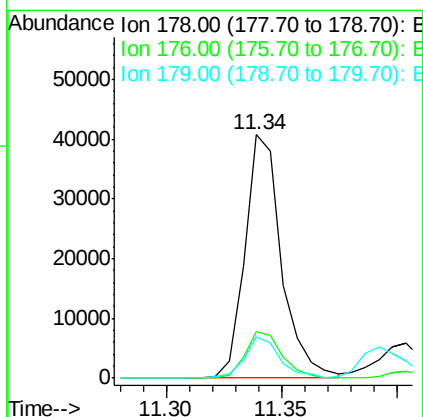
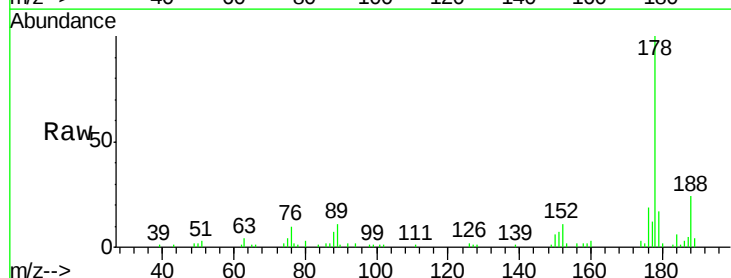
Manual Integrations
APPROVED

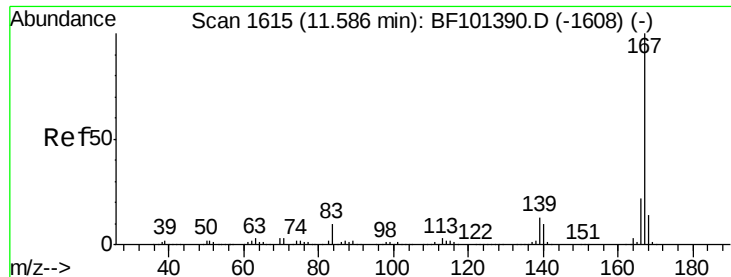
Sohil
12/27/2017 4:14:37 PM



#70
Phenanthrene
Concen: 2.460 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF101715.D
Acq: 26 Dec 2017 15:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.2	15.8	23.8
179	16.9	13.0	19.6





#72

Carbazole

Concen: 4.433 ng

RT: 11.56 min Scan# 1611

Delta R.T. 0.01 min

Lab File: BF101715.D

Acq: 26 Dec 2017 15:06

Instrument :

BNA_F

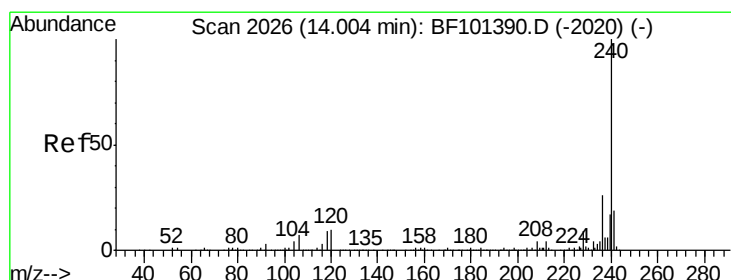
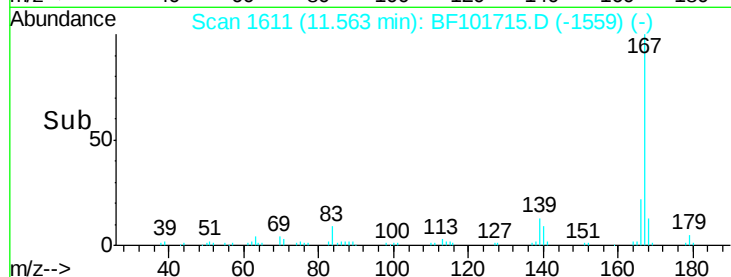
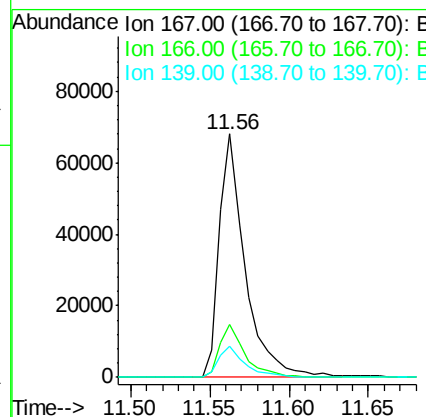
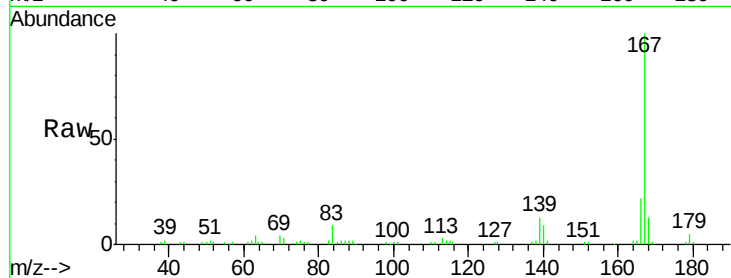
ClientSampled :

WC-69-01DL

Tgt Ion:	167	Resp:	77681
Ion Ratio	Lower	Upper	
167	100		
166	21.9	17.6	26.4
139	12.7	10.9	16.3

Manual Integrations
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Sohil
12/27/2017 4:14:37 PM



#75

Chrysene-d12

Concen: 20.000 ng

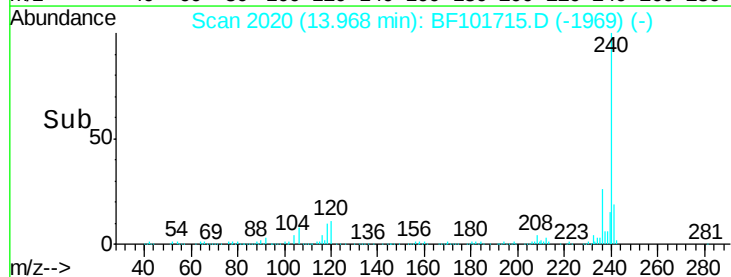
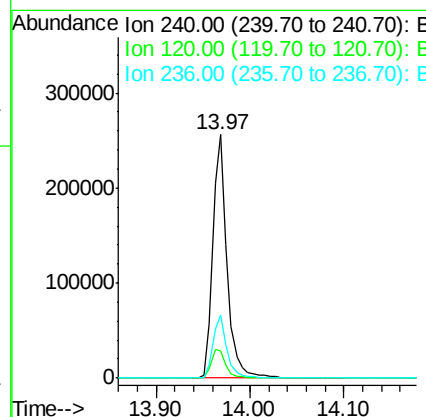
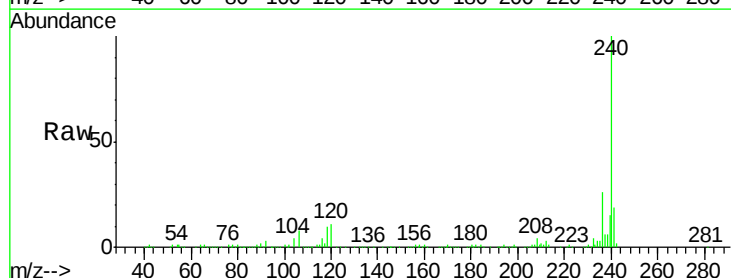
RT: 13.97 min Scan# 2020

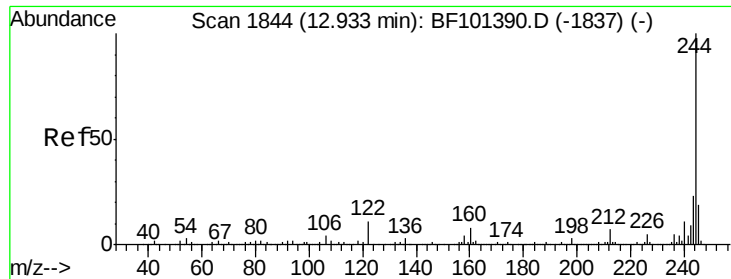
Delta R.T. -0.00 min

Lab File: BF101715.D

Acq: 26 Dec 2017 15:06

Tgt Ion:	240	Resp:	273409
Ion Ratio	Lower	Upper	
240	100		
120	11.3	9.5	14.3
236	25.8	20.7	31.1





#78

Terphenyl-d14

Concen: 13.439 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF101715.D

Acq: 26 Dec 2017 15:06

Instrument :

BNA_F

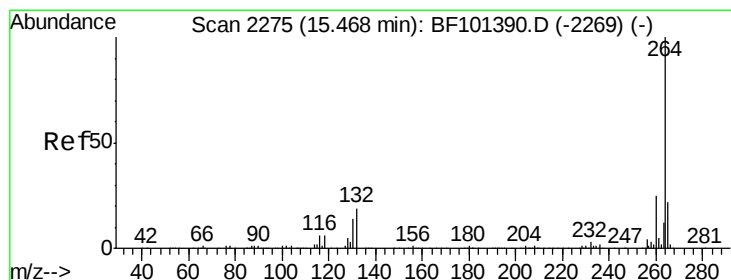
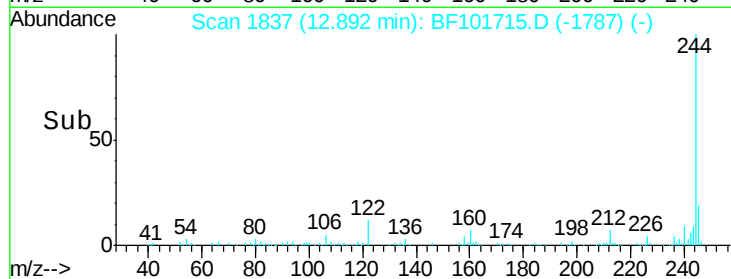
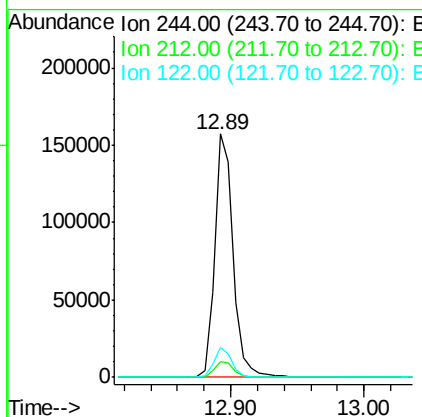
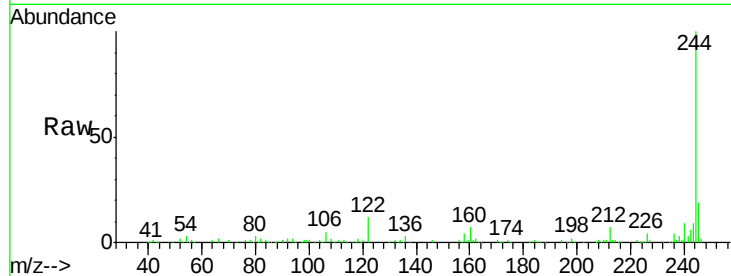
ClientSampleID :

WC-69-01DL

Tgt Ion:	244	Resp:	152415
Ion Ratio	Lower	Upper	
244	100		
212	6.5	5.4	8.0
122	12.5	11.0	16.4

Manual Integrations
APPROVED

Sohil
12/27/2017 4:14:37 PM



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. 0.00 min

Lab File: BF101715.D

Acq: 26 Dec 2017 15:06

Tgt Ion:	264	Resp:	291102
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.2	28.8
265	21.7	17.5	26.3

