

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
 Data File : BF101834.D
 Acq On : 29 Dec 2017 17:33
 Operator : SJ/JU
 Sample : I7023-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LB-5

Manual Integrations
 APPROVED

Sohil
 1/2/2018 1:05:08 PM

Quant Time: Dec 30 03:22:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 13:21:45 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	152861	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	581138	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	234910	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	366417	20.00	ng	0.00
75) Chrysene-d12	13.97	240	291186	20.00	ng	0.00
86) Perylene-d12	15.43	264	286640	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	849466	82.78	ng	0.00
7) Phenol-d6	6.43	99	1025870	80.33	ng	0.00
23) Nitrobenzene-d5	7.36	82	613479	58.76	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	175094	77.35	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	919591	60.73	ng	0.00
78) Terphenyl-d14	12.89	244	664640	55.03	ng	0.00
Target Compounds						
10) Phenol	6.45	94	47255	3.246	ng	Qvalue # 67
37) 2-Methylnaphthalene	8.78	142	75339	3.952	ng	99
49) Dimethylphthalate	9.53	163	83147	4.400	ng	98
70) Phenanthrene	11.34	178	80421	3.947	ng	97

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

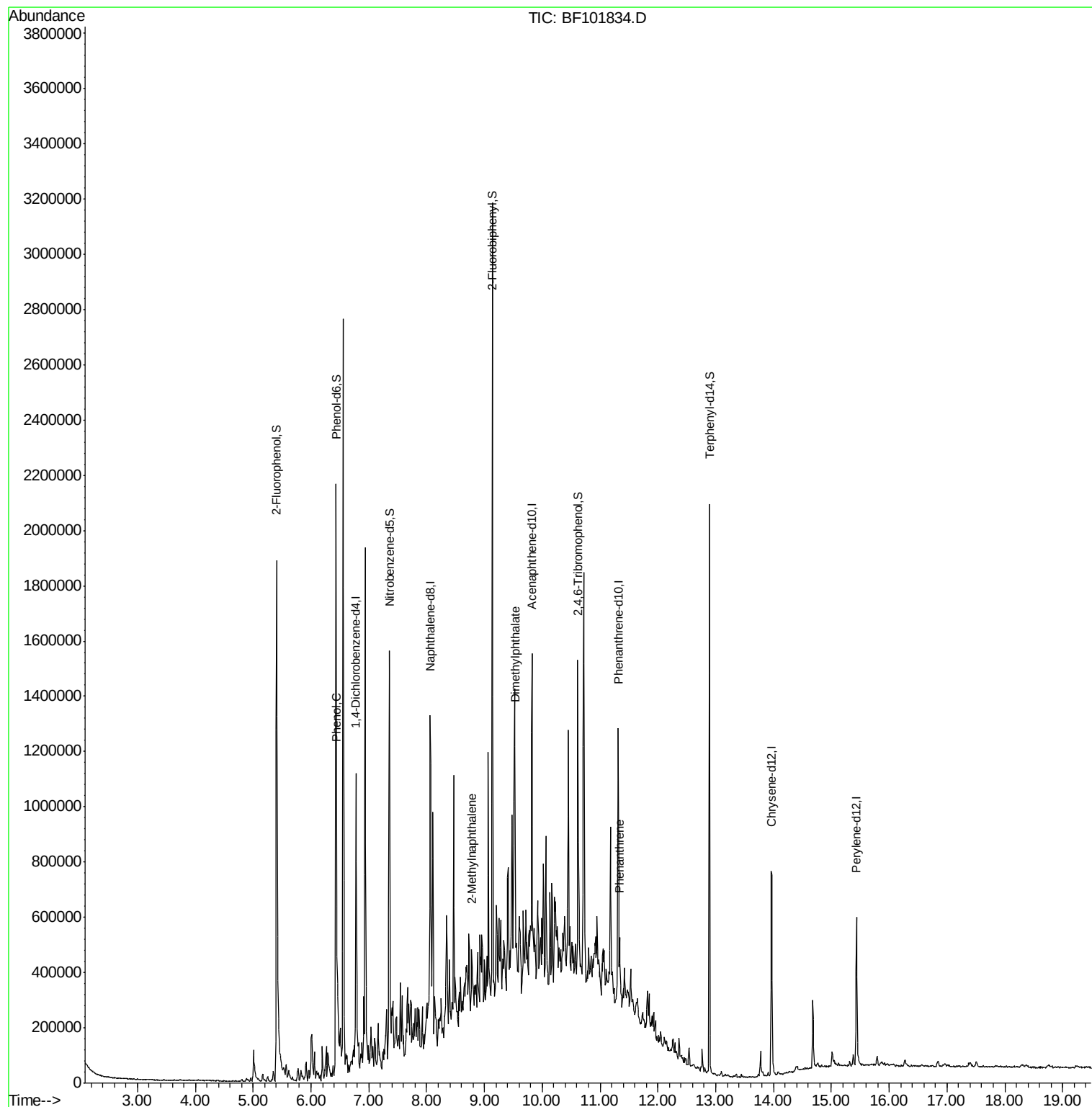
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
Data File : BF101834.D
Acq On : 29 Dec 2017 17:33
Operator : SJ/JU
Sample : I7023-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

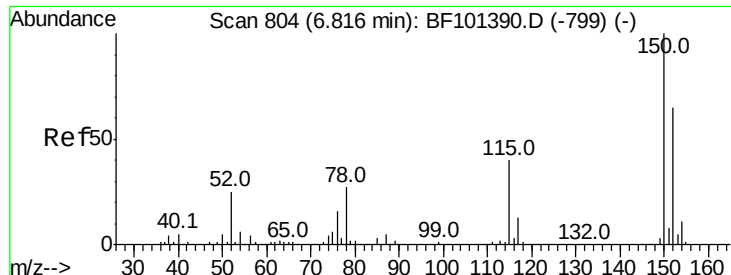
Instrument :
BNA_F
ClientSampleId :
LB-5

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#1

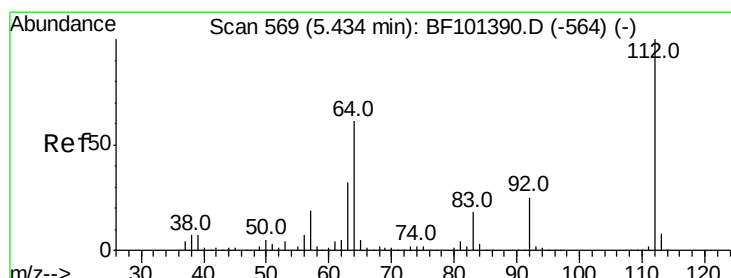
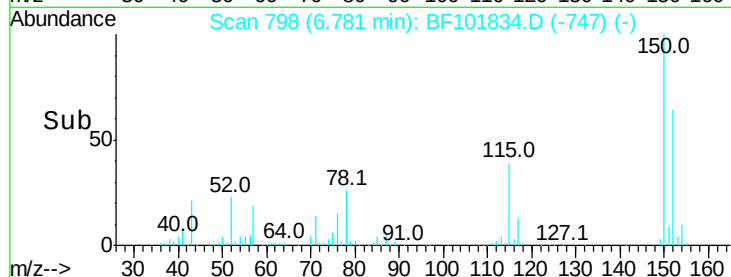
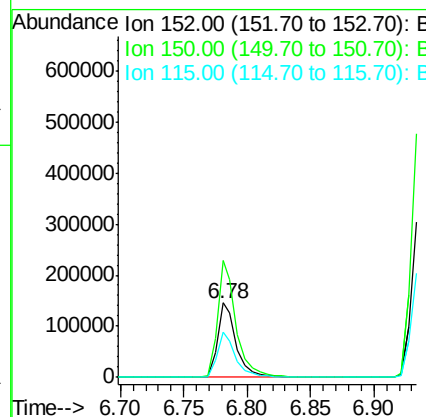
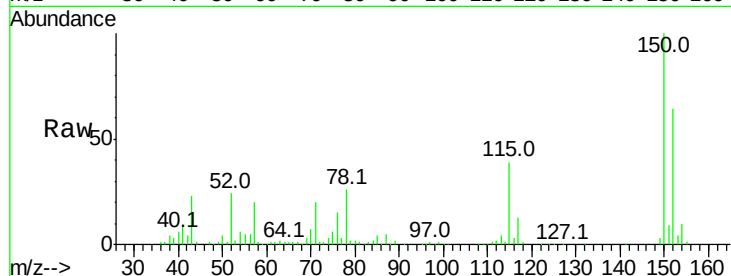
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF101834.D
Acq: 29 Dec 2017 17:33

Instrument :
BNA_F
ClientSampled :
LB-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	61.1	50.1	75.1

Manual Integrations
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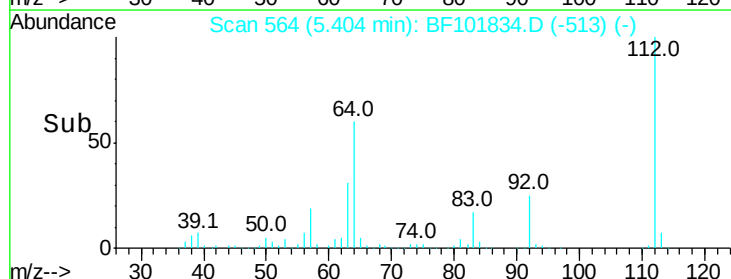
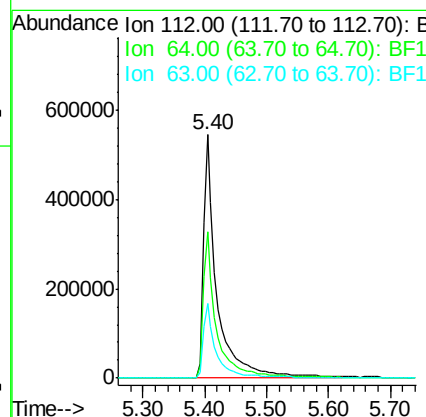
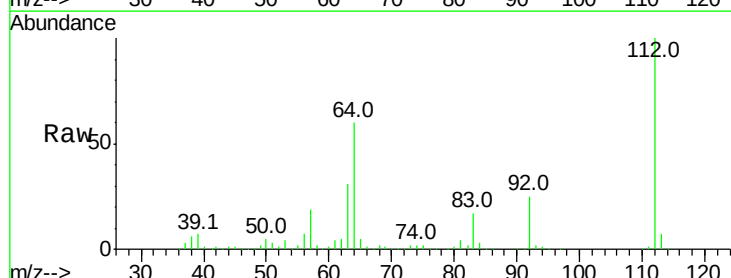
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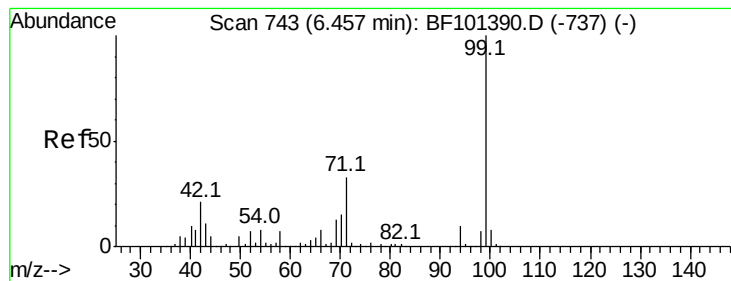


#5

2-Fluorophenol
Concen: 82.778 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF101834.D
Acq: 29 Dec 2017 17:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	47.9	71.9
63	30.8	23.7	35.5





#7

Phenol-d6

Concen: 80.325 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF101834.D

Acq: 29 Dec 2017 17:33

Instrument :

BNA_F

ClientSampled :

LB-5

Tot Ion: 99 Resp: 1025870

Ion Ratio Lower Upper

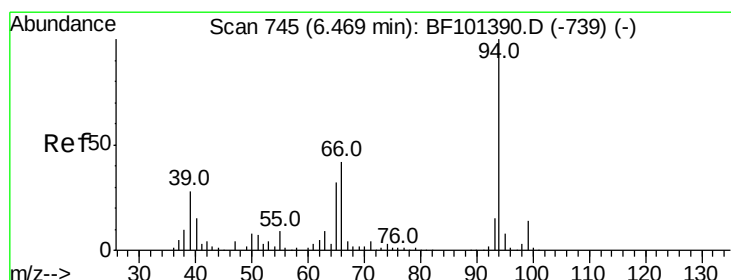
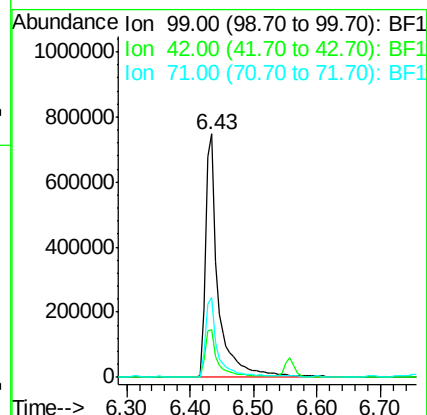
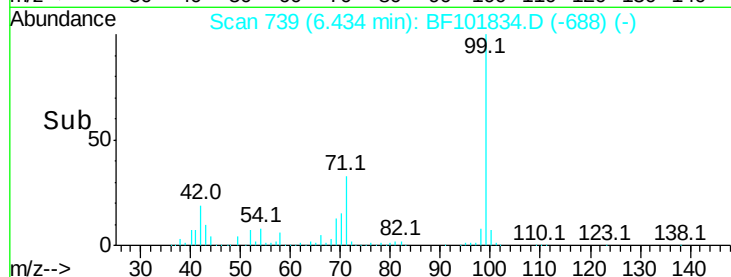
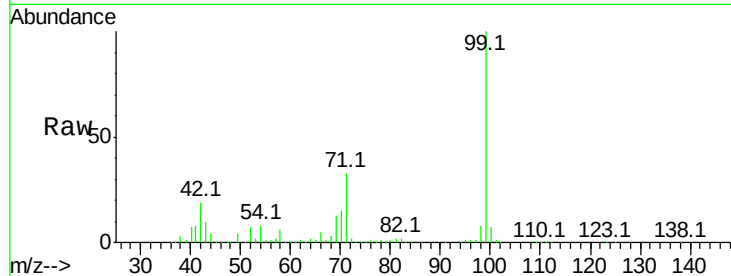
99 100

42 19.4 14.5 21.7

71 32.8 25.4 38.0

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#10

Phenol

Concen: 3.246 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF101834.D

Acq: 29 Dec 2017 17:33

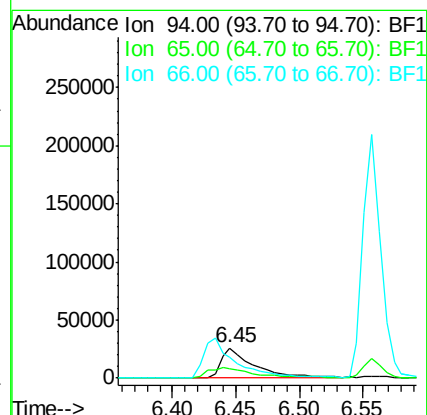
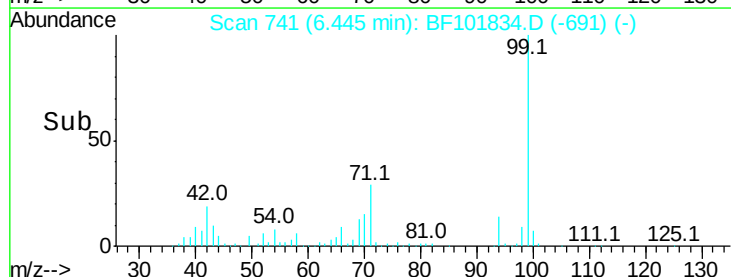
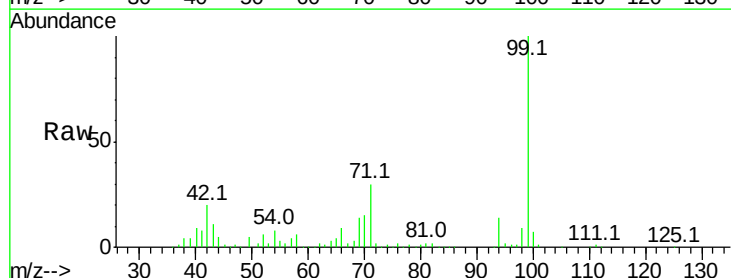
Tgt Ion: 94 Resp: 47255

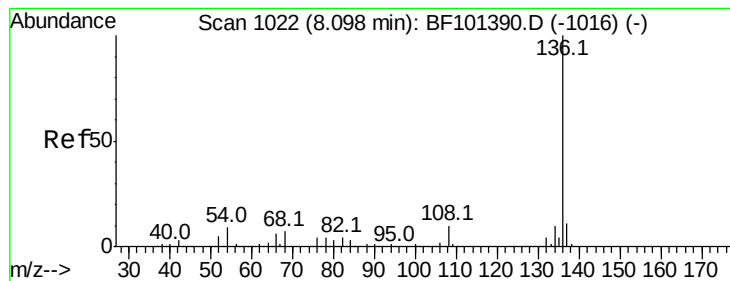
Ion Ratio Lower Upper

94 100

65 31.5 7.9 47.9

66 68.0 16.2 56.2#





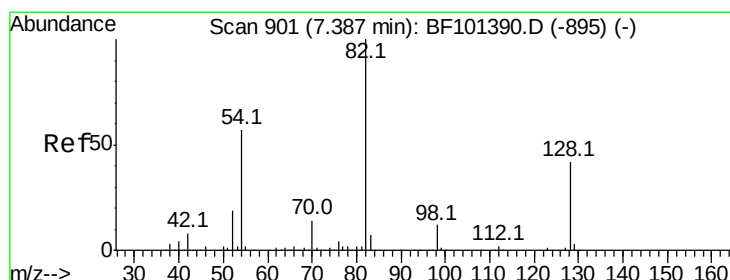
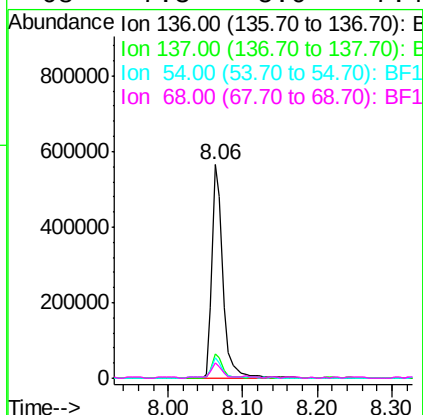
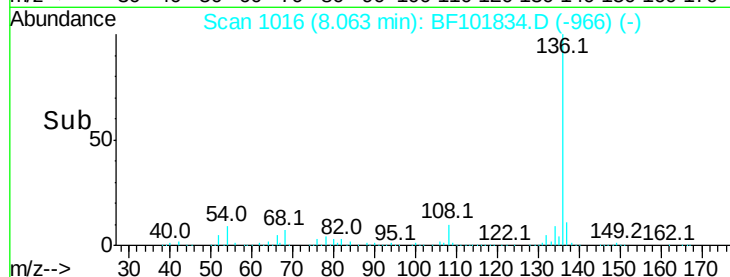
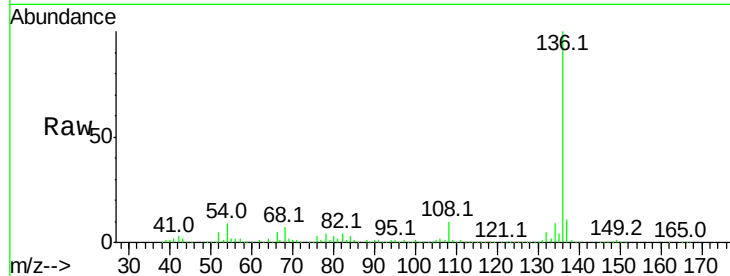
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF101834.D
Acq: 29 Dec 2017 17:33

Instrument :
BNA_F
ClientSampleId :
LB-5

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.9	13.3	
54	9.4	6.6	9.8	
68	7.3	5.0	7.4	

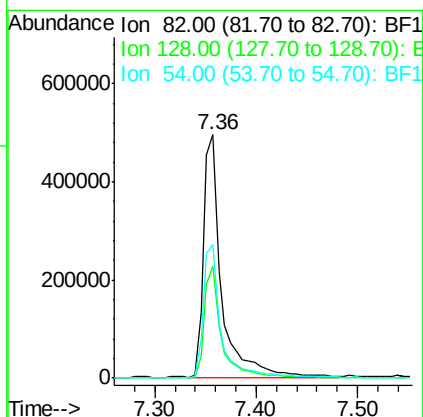
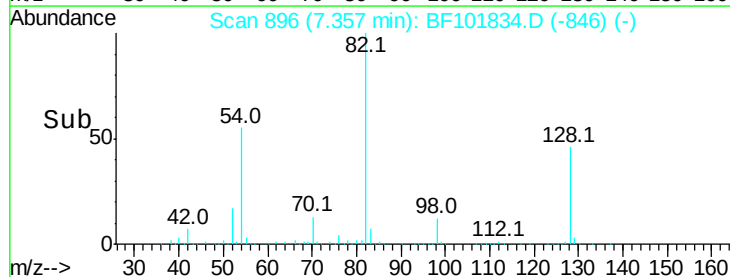
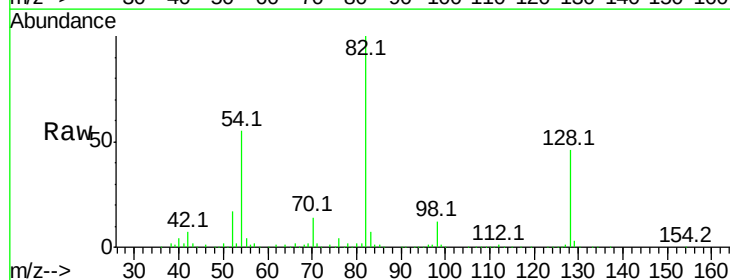
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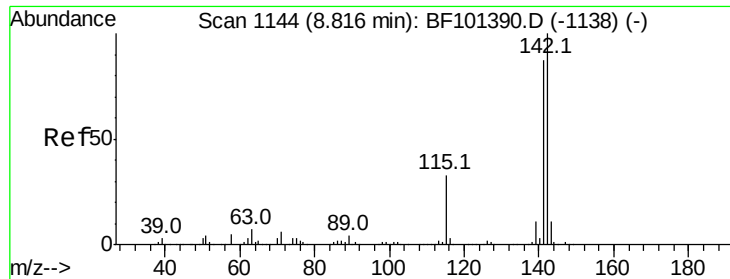
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#23
Nitrobenzene-d5
Concen: 58.764 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101834.D
Acq: 29 Dec 2017 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.1	36.1	54.1	
54	54.7	41.4	62.2	





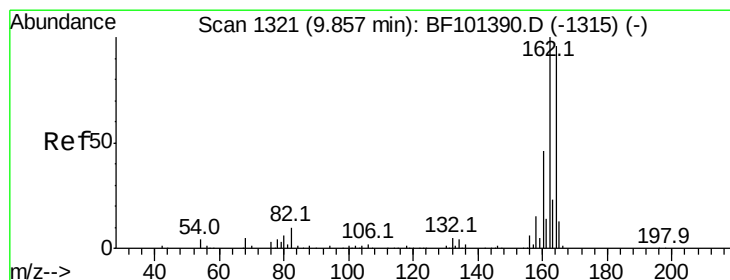
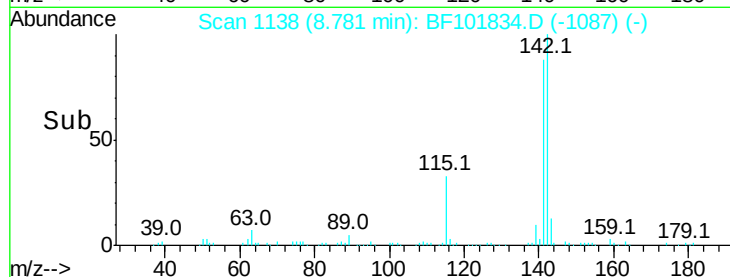
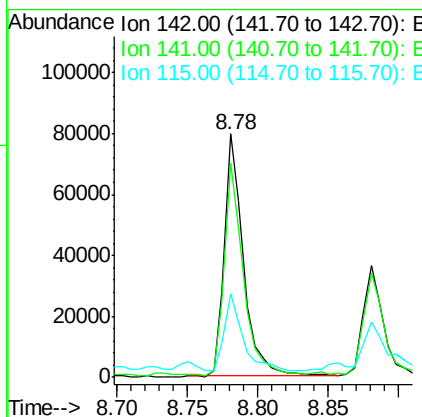
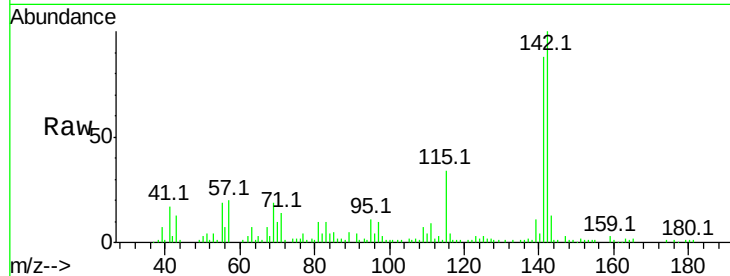
#37
2-Methylnaphthalene
Concen: 3.952 ng
RT: 8.78 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF101834.D
Acq: 29 Dec 2017 17:33

Instrument :
BNA_F
ClientSampled :
LB-5

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.8	106.2
115	34.1	26.1	39.1

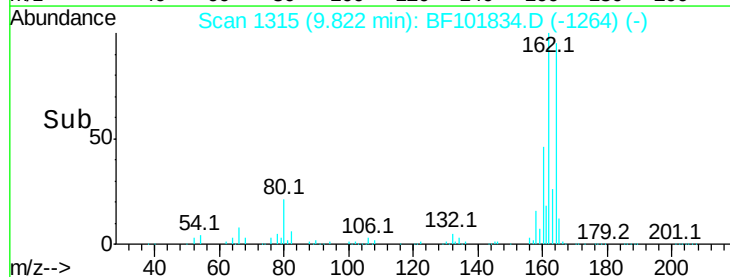
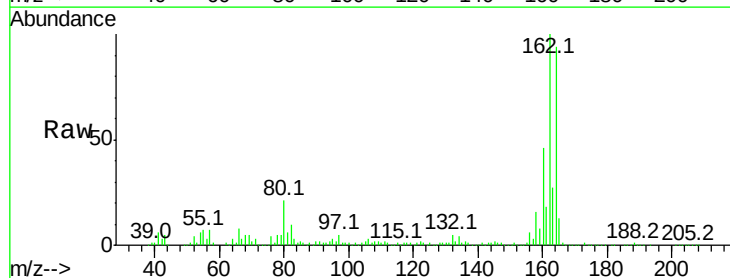
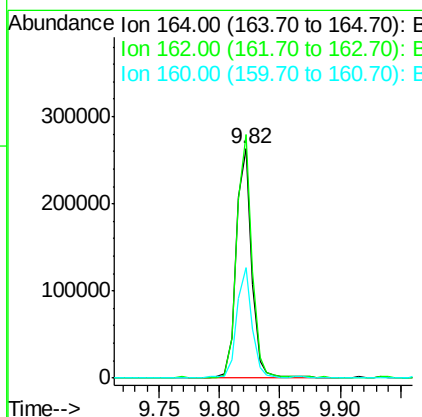
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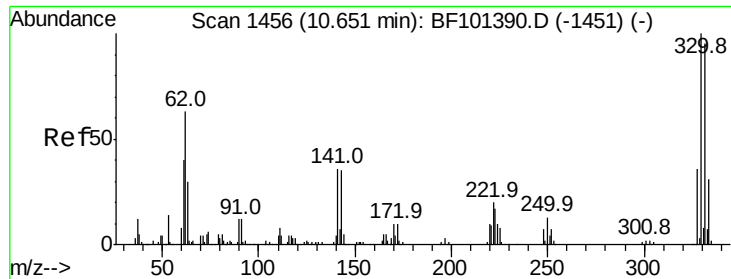
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF101834.D
Acq: 29 Dec 2017 17:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.2	86.1	129.1
160	48.3	38.3	57.5





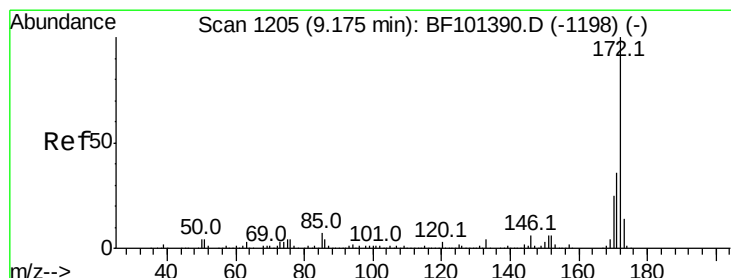
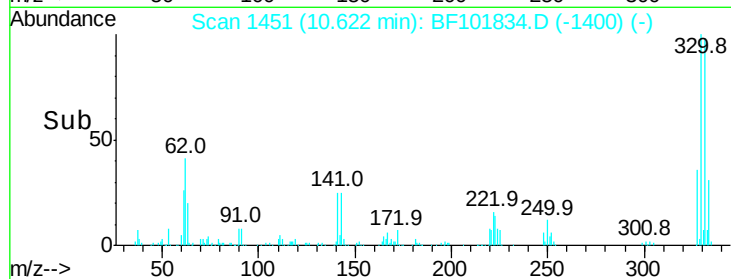
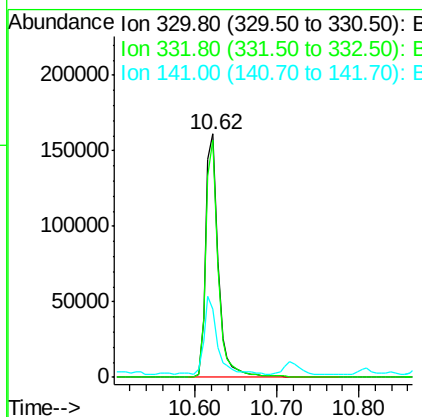
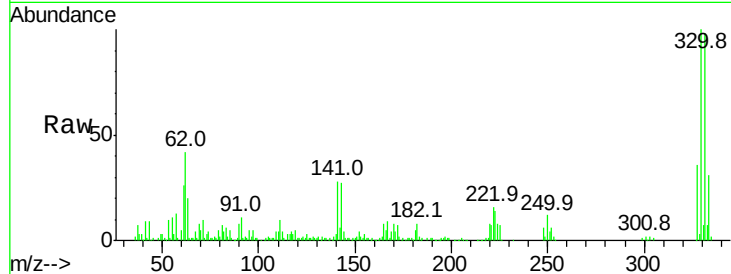
#41
 2,4,6-Tribromophenol
 Concen: 77.354 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF101834.D
 Acq: 29 Dec 2017 17:33

Instrument :
 BNA_F
 ClientSampled :
 LB-5

Tot Ion	Ratio	Resp	Lower	Upper
330	100	175094		
332	95.2	77.0	115.6	
141	32.0	29.9	44.9	

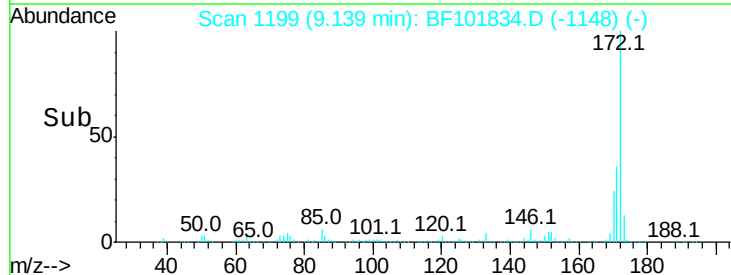
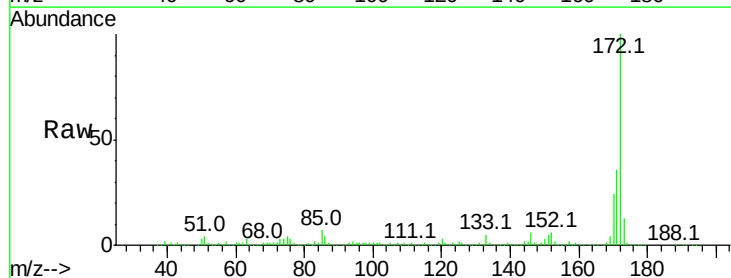
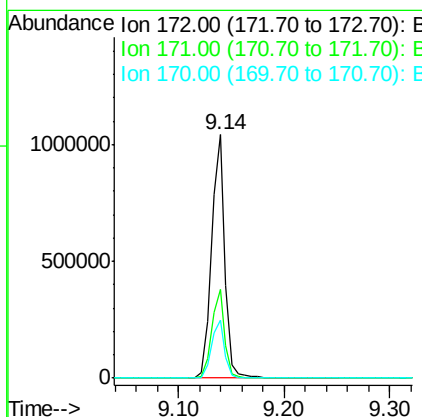
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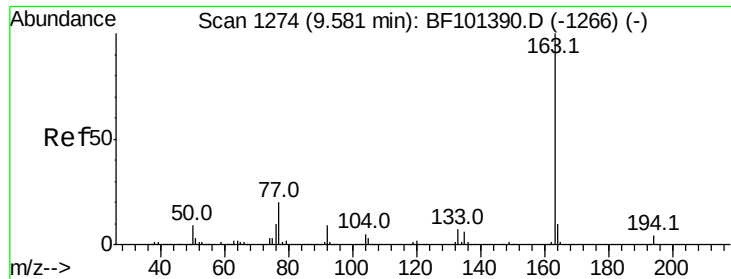
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#44
 2-Fluorobiphenyl
 Concen: 60.726 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF101834.D
 Acq: 29 Dec 2017 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	919591		
171	36.2	29.7	44.5	
170	23.8	19.6	29.4	





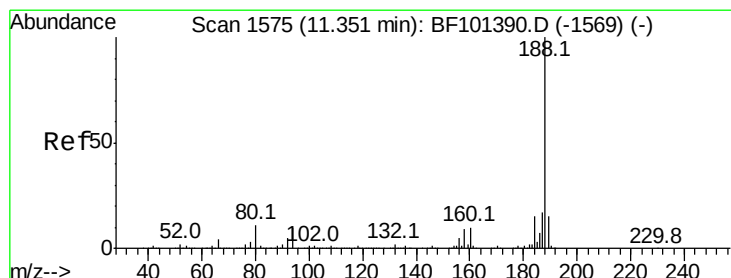
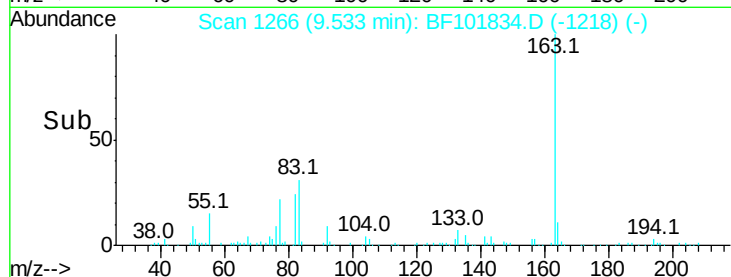
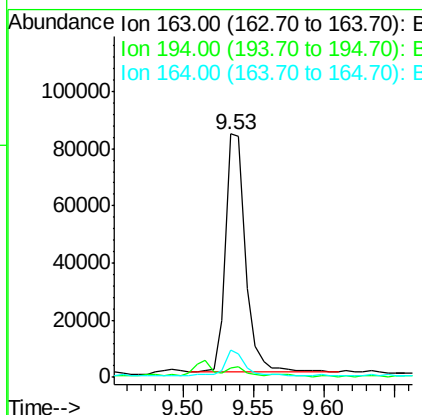
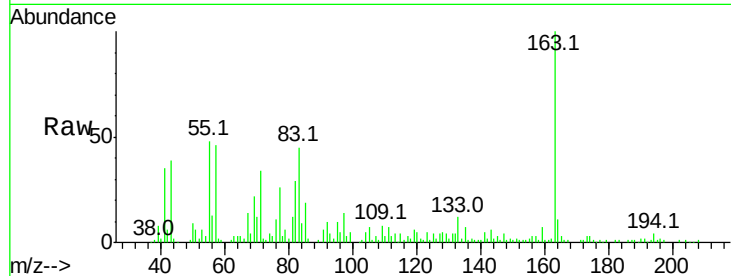
#49
Dimethylphthalate
Concen: 4.400 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BF101834.D
Acq: 29 Dec 2017 17:33

Instrument :
BNA_F
ClientSampled :
LB-5

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	11.2	8.2	12.2

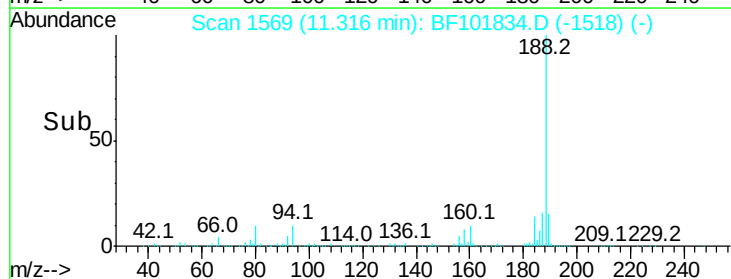
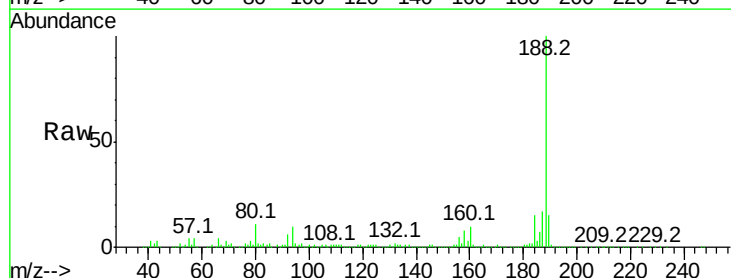
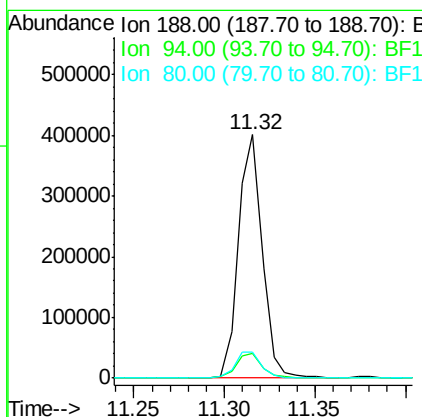
Manual Integrations
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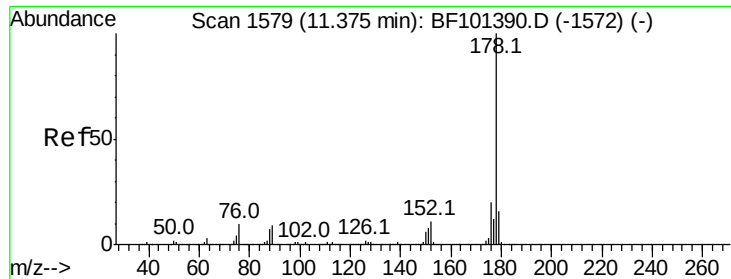
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101834.D
Acq: 29 Dec 2017 17:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.6	9.2	13.8





#70

Phenanthrene

Concen: 3.947 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF101834.D

Acq: 29 Dec 2017 17:33

Instrument :

BNA_F

ClientSampled :

LB-5

Tot Ion:178 Resp: 80421

Ion Ratio Lower Upper

178 100

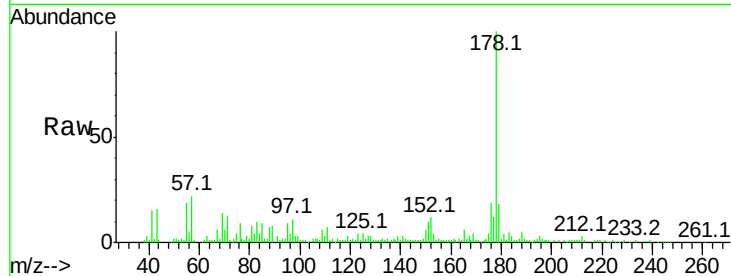
176 19.2 15.8 23.8

179 18.0 13.0 19.6

Manual Integrations
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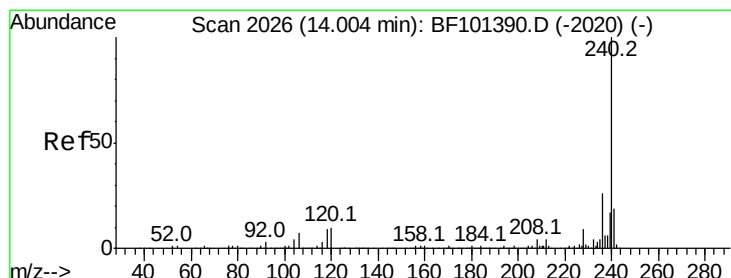
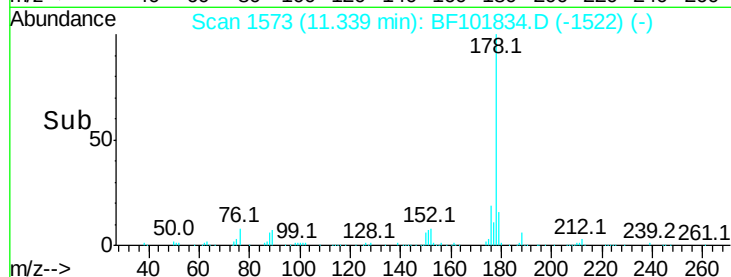
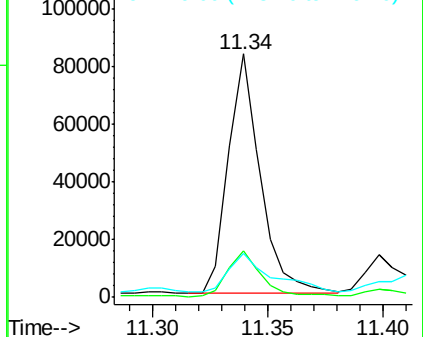
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF101834.D

Acq: 29 Dec 2017 17:33

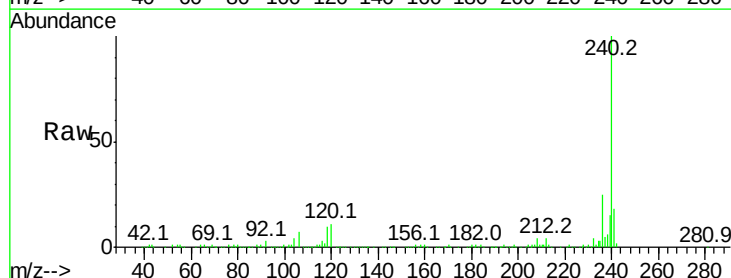
Tgt Ion:240 Resp: 291186

Ion Ratio Lower Upper

240 100

120 10.5 9.5 14.3

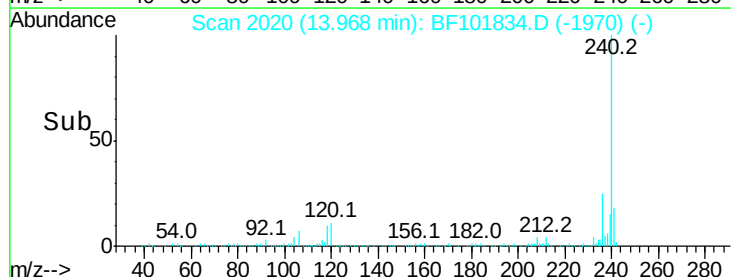
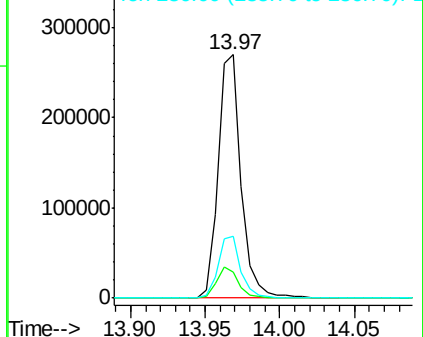
236 25.4 20.7 31.1

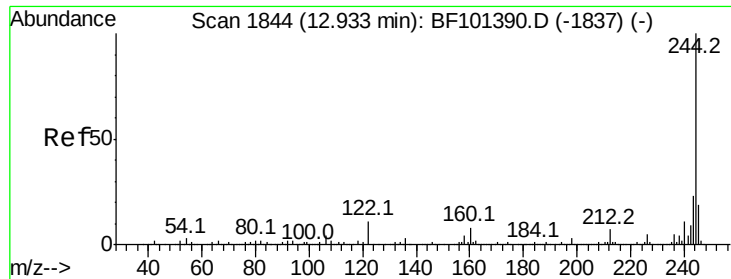


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 55.026 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF101834.D

Acq: 29 Dec 2017 17:33

Instrument :

BNA_F

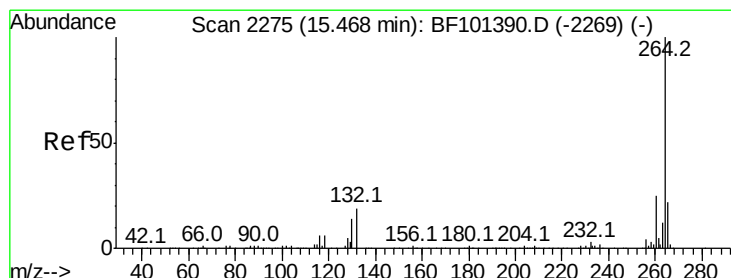
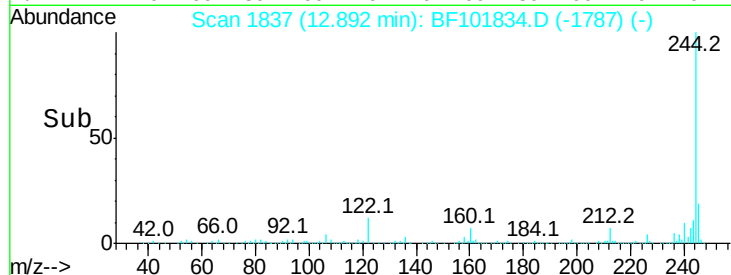
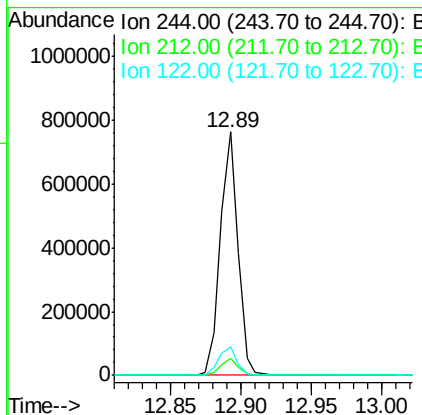
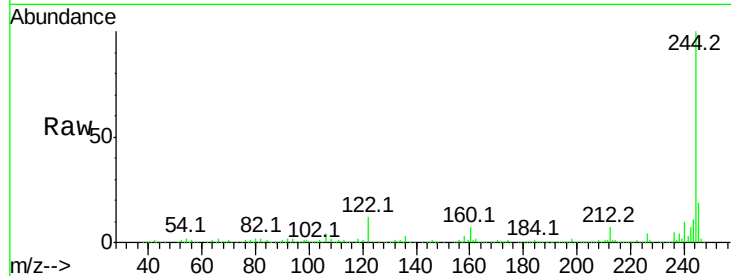
ClientSampled :

LB-5

Tot Ion:	244	Resp:	664640
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.4	8.0
122	11.6	11.0	16.4

Manual Integrations
APPROVED

Sohil
1/2/2018 1:05:08 PM



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BF101834.D

Acq: 29 Dec 2017 17:33

Tgt Ion:	264	Resp:	286640
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.2	28.8
265	21.9	17.5	26.3

