

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
 Data File : BF101491.D
 Acq On : 18 Dec 2017 20:03
 Operator : SJ/JU
 Sample : I6908-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2

Manual Integrations
 APPROVED

Sohil
 12/19/2017 4:50:03 PM

Quant Time: Dec 19 06:28:53 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	139277	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	531204	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	204336	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	316554	20.00	ng	0.00
75) Chrysene-d12	13.99	240	286361	20.00	ng	0.00
86) Perylene-d12	15.46	264	281876	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	794281	84.95	ng	0.01
7) Phenol-d6	6.45	99	936495	80.48	ng	0.00
23) Nitrobenzene-d5	7.37	82	563926	59.09	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	161350	81.95	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	977559	74.21	ng	0.00
78) Terphenyl-d14	12.92	244	691326	58.20	ng	0.00
Target Compounds						
10) Phenol	6.46	94	53716	4.050	ng	86
49) Dimethylphthalate	9.56	163	43290	2.634	ng	99
74) Fluoranthene	12.56	202	40292	2.181	ng	99

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

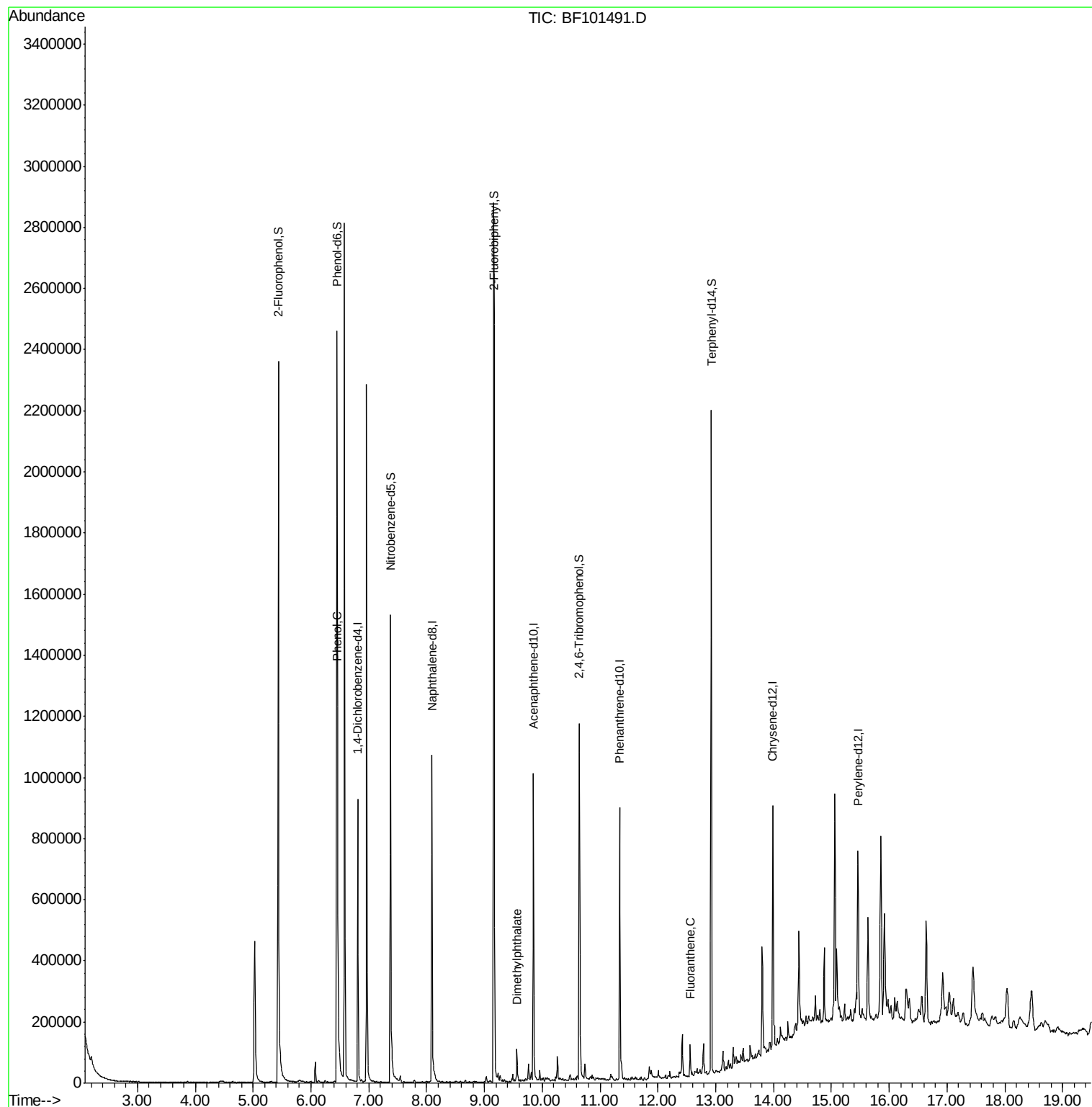
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
Data File : BF101491.D
Acq On : 18 Dec 2017 20:03
Operator : SJ/JU
Sample : I6908-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

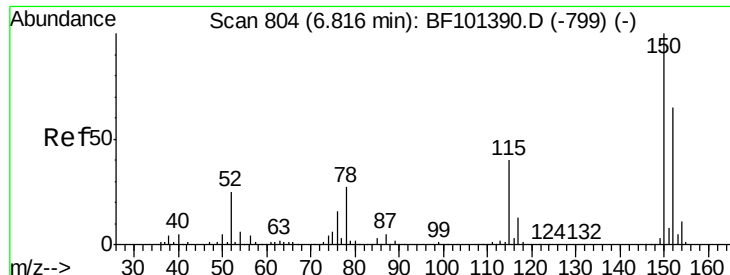
Instrument :
BNA_F
ClientSampleId :
2

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#1

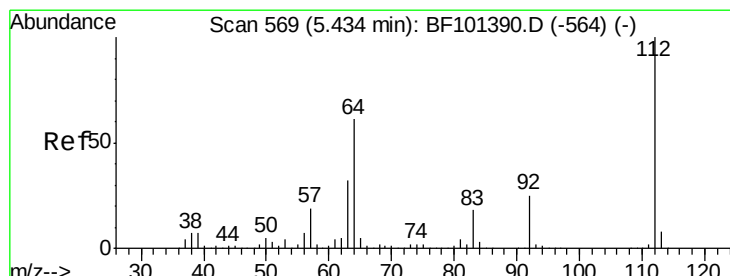
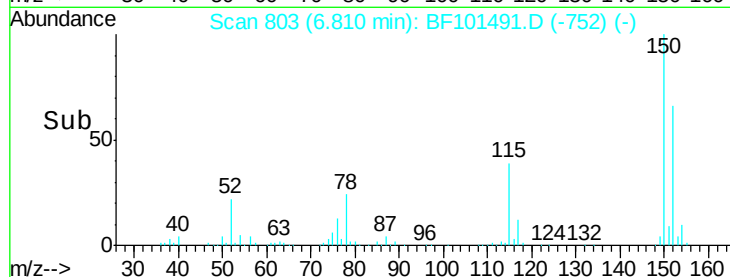
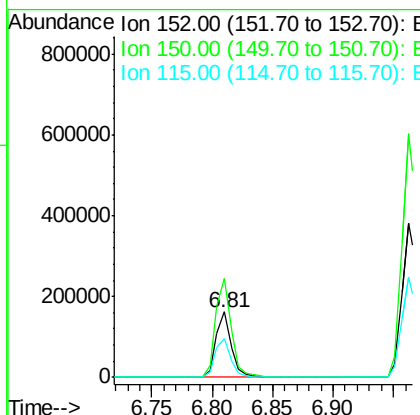
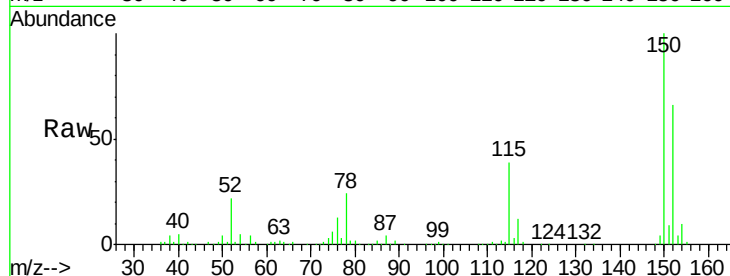
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF101491.D
Acq: 18 Dec 2017 20:03

Instrument :
BNA_F
ClientSampled :
2

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.1	124.6	186.8
115	59.8	50.1	75.1

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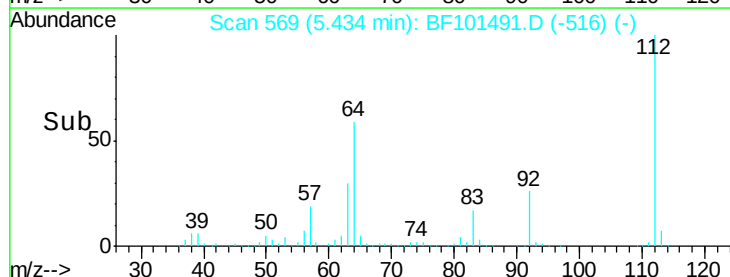
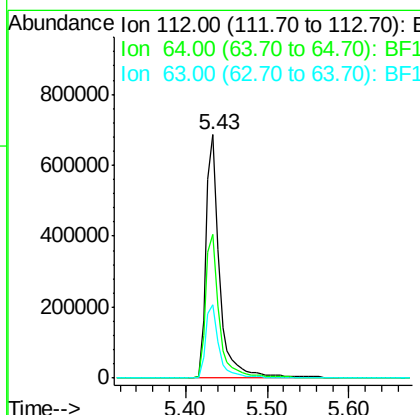
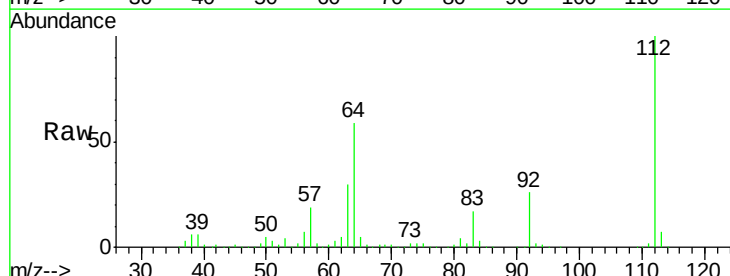
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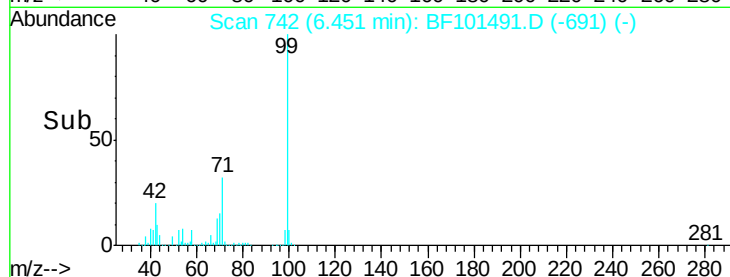
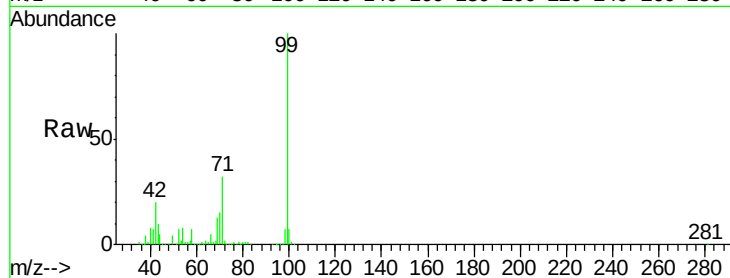
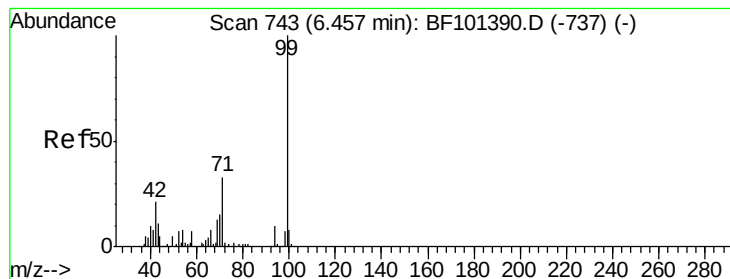


#5

2-Fluorophenol
Concen: 84.949 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF101491.D
Acq: 18 Dec 2017 20:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.9	71.9
63	30.3	23.7	35.5





#7

Phenol-d6

Concen: 80.479 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF101491.D

Acq: 18 Dec 2017 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	936495		
42	20.1	14.5	21.7	
71	32.4	25.4	38.0	

Instrument :

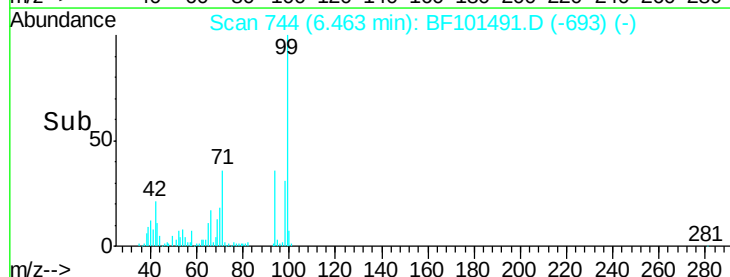
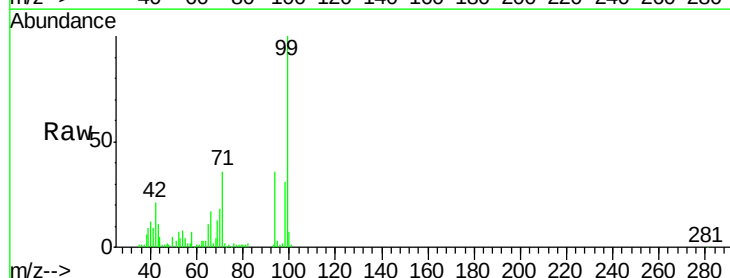
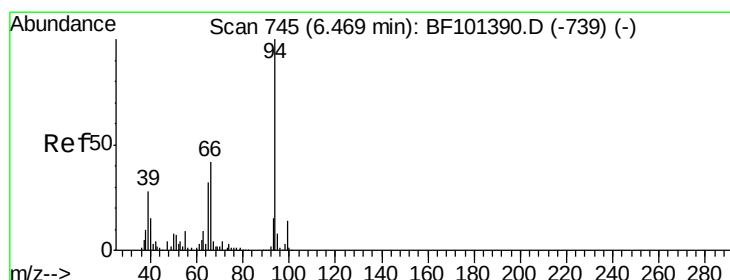
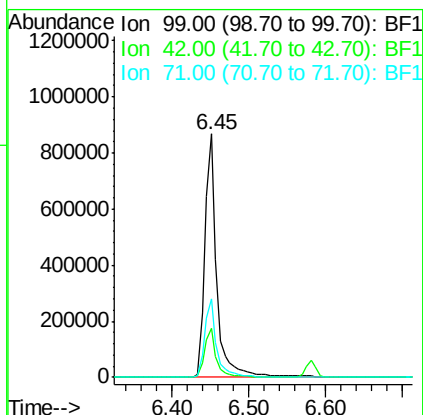
BNA_F

ClientSampleId :

2

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#10

Phenol

Concen: 4.050 ng

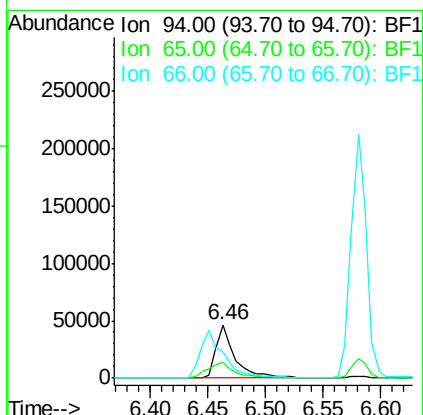
RT: 6.46 min Scan# 744

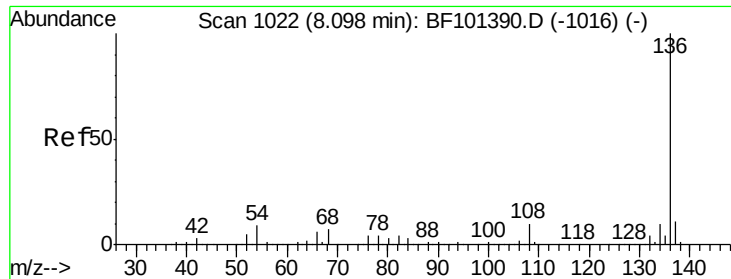
Delta R.T. -0.00 min

Lab File: BF101491.D

Acq: 18 Dec 2017 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	53716		
65	30.4	7.9	47.9	
66	48.4	16.2	56.2	





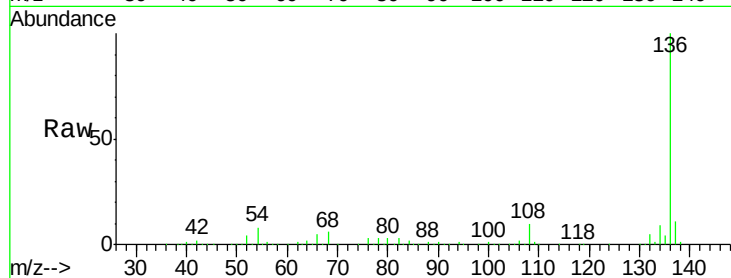
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF101491.D
Acq: 18 Dec 2017 20:03

Instrument :
BNA_F
ClientSampleId :
2

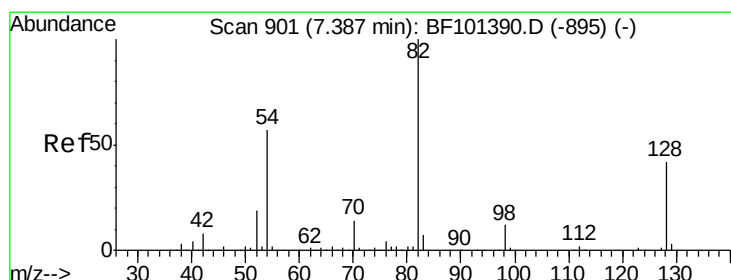
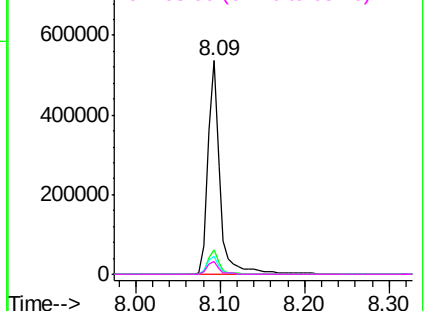
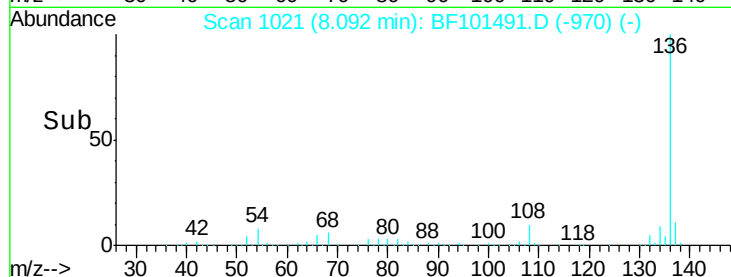
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	531204		
137	11.2	8.9	13.3	
54	8.4	6.6	9.8	
68	6.3	5.0	7.4	

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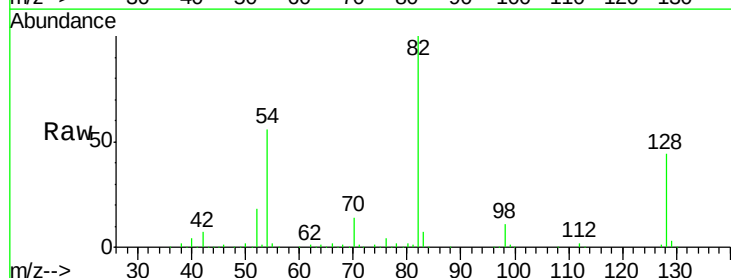


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

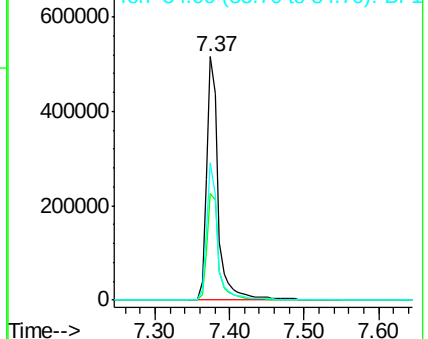
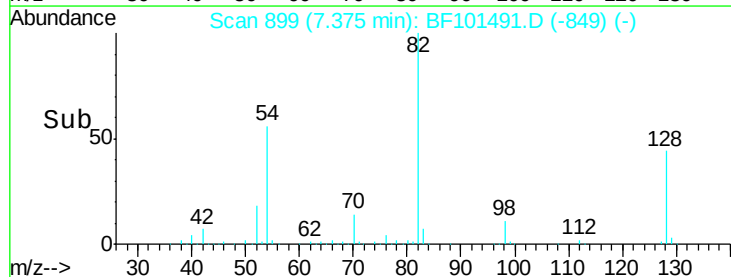


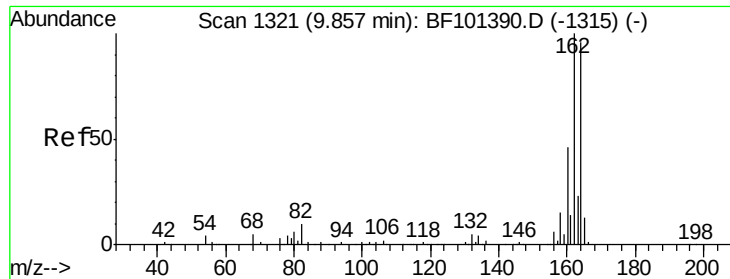
#23
Nitrobenzene-d5
Concen: 59.095 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF101491.D
Acq: 18 Dec 2017 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	563926		
128	43.6	36.1	54.1	
54	56.3	41.4	62.2	



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BF101491.D

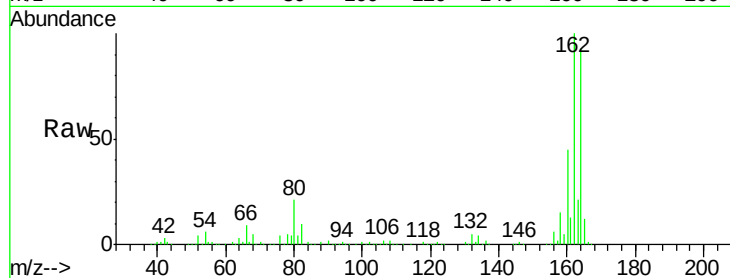
Acq: 18 Dec 2017 20:03

Instrument :

BNA_F

ClientSampled :

2



Tgt Ion:164 Resp: 204336

Ion Ratio Lower Upper

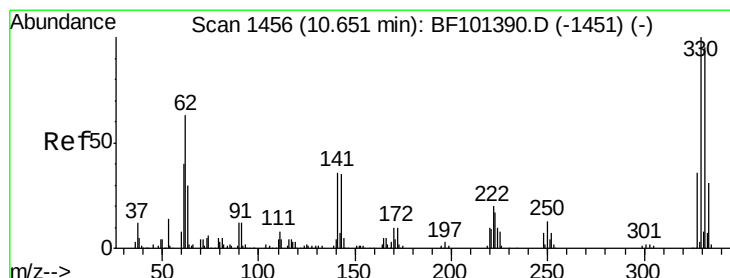
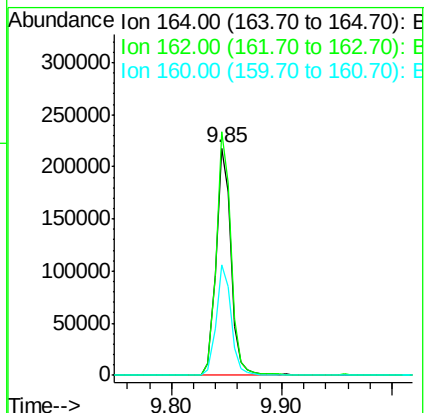
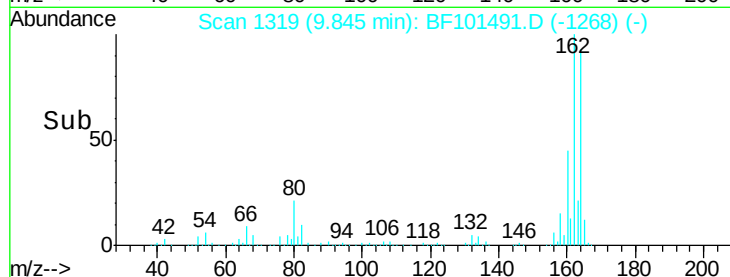
164 100

162 107.1 86.1 129.1

160 48.5 38.3 57.5

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#41

2,4,6-Tribromophenol

Concen: 81.948 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BF101491.D

Acq: 18 Dec 2017 20:03

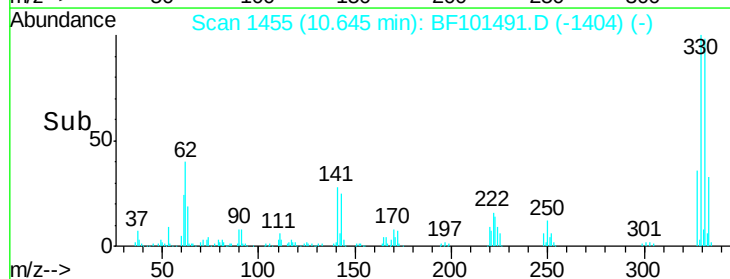
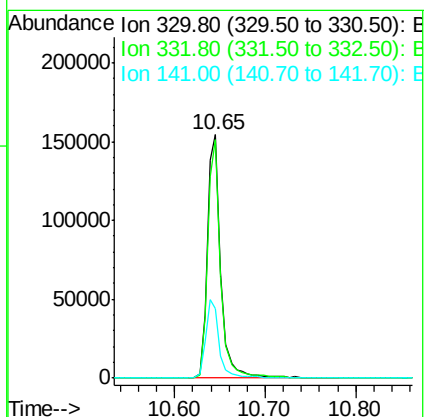
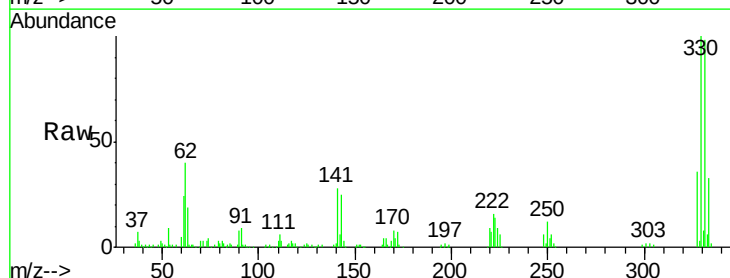
Tgt Ion:330 Resp: 161350

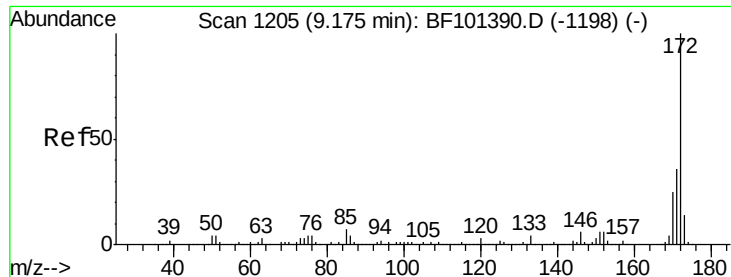
Ion Ratio Lower Upper

330 100

332 95.2 77.0 115.6

141 32.3 29.9 44.9





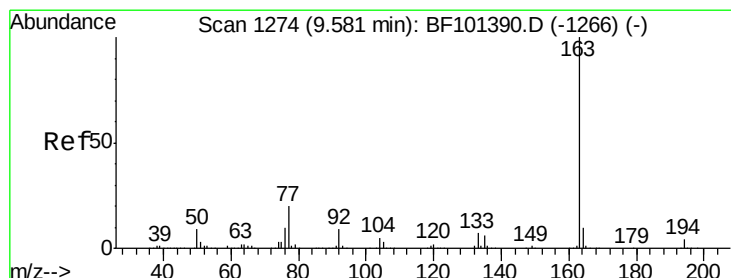
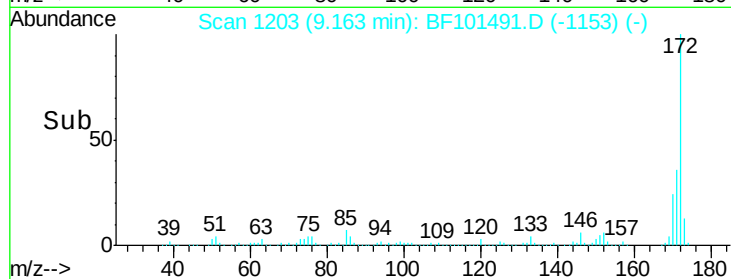
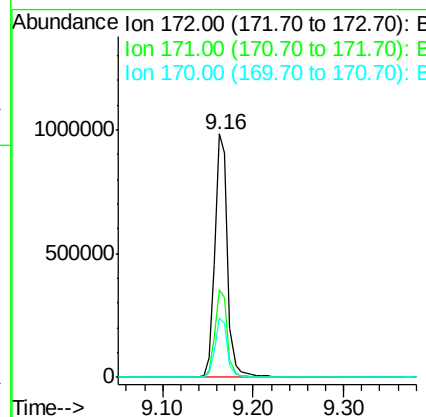
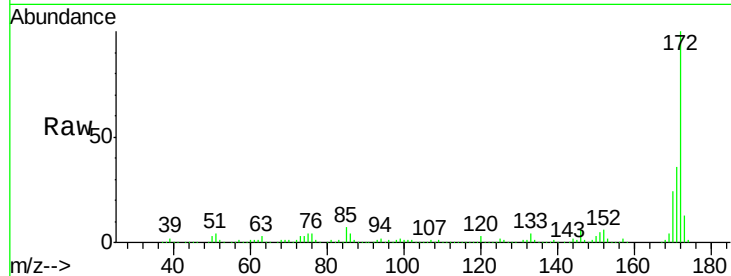
#44
 2-Fluorobiphenyl
 Concen: 74.213 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF101491.D
 Acq: 18 Dec 2017 20:03

Instrument :
 BNA_F
 ClientSampled :
 2

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	977559		
171	36.1	29.7	44.5	
170	24.3	19.6	29.4	

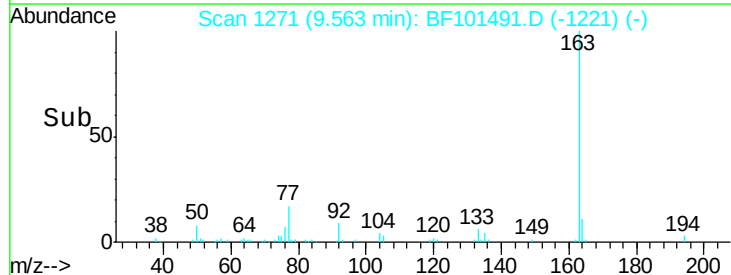
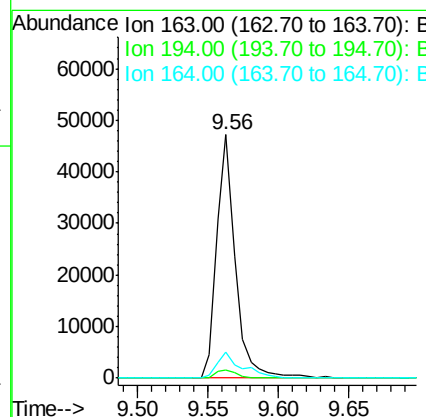
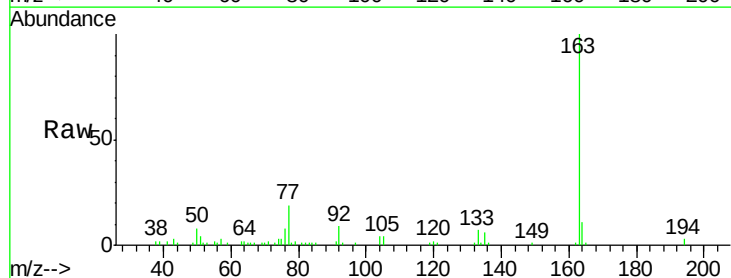
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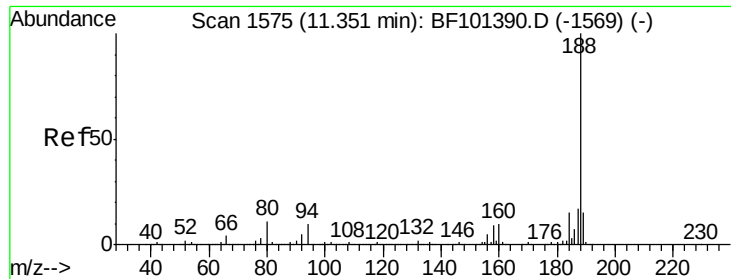
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#49
 Dimethylphthalate
 Concen: 2.634 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: BF101491.D
 Acq: 18 Dec 2017 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	43290		
194	3.4	2.7	4.1	
164	10.7	8.2	12.2	





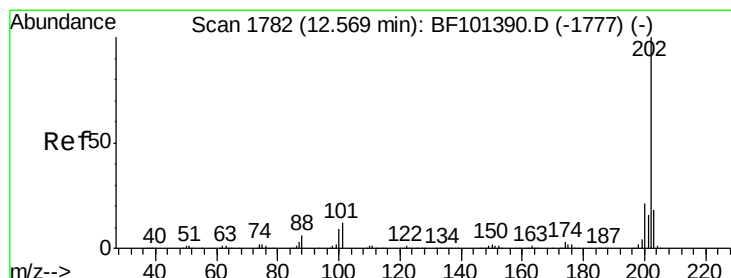
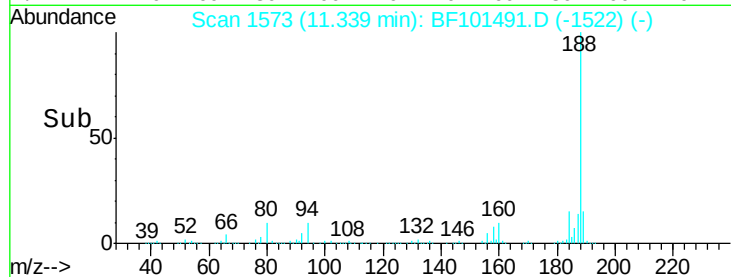
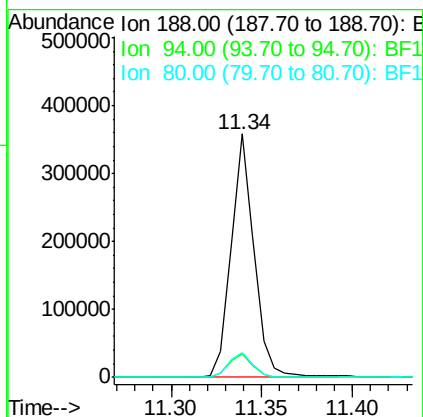
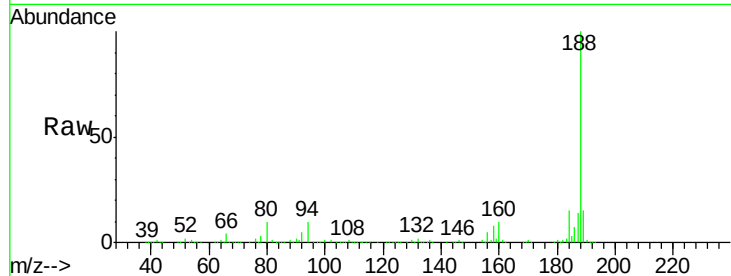
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF101491.D
Acq: 18 Dec 2017 20:03

Instrument :
BNA_F
ClientSampled :
2

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.8	8.5	12.7
80	10.3	9.2	13.8

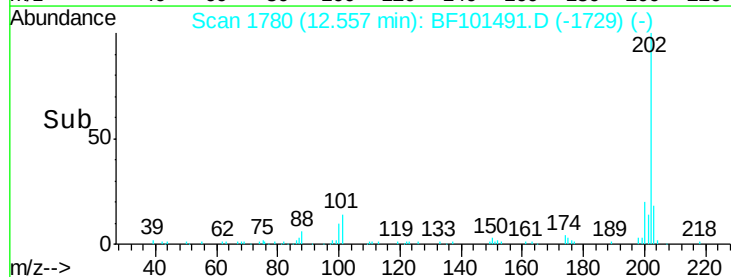
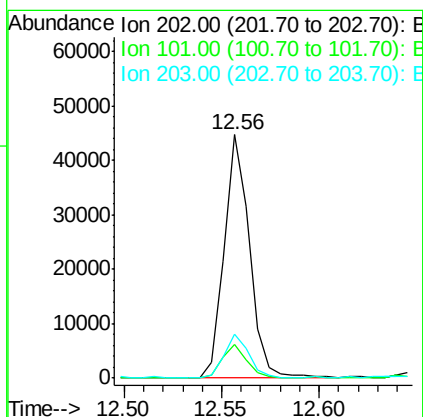
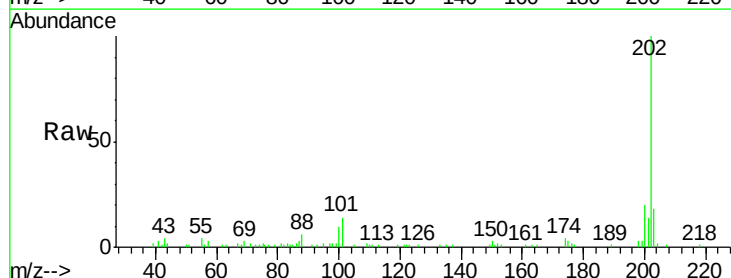
Manual Integrations
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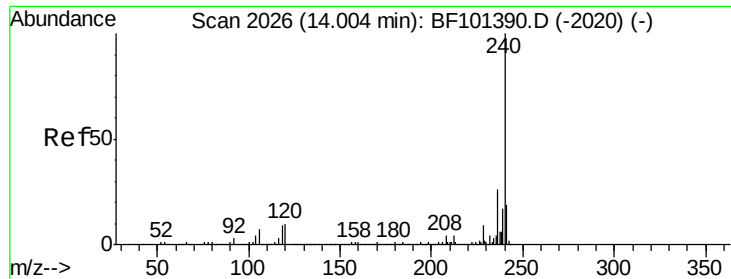
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#74
Fluoranthene
Concen: 2.181 ng
RT: 12.56 min Scan# 1780
Delta R.T. -0.00 min
Lab File: BF101491.D
Acq: 18 Dec 2017 20:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.7	0.0	34.1
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF101491.D

Acq: 18 Dec 2017 20:03

Instrument :

BNA_F

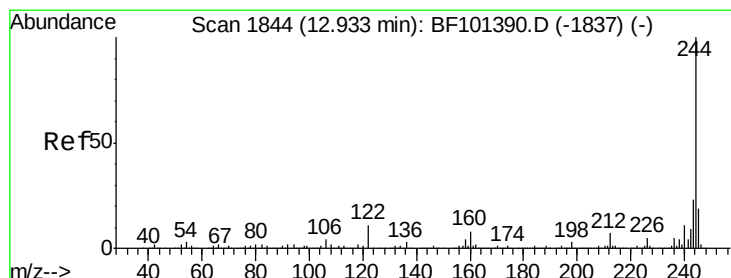
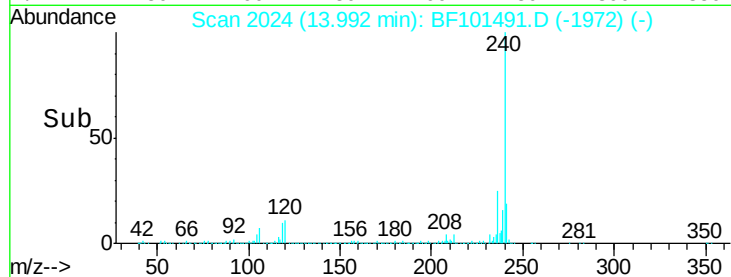
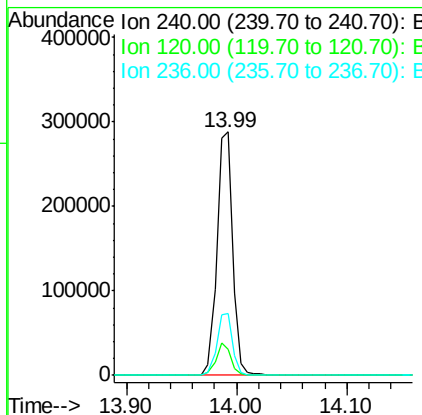
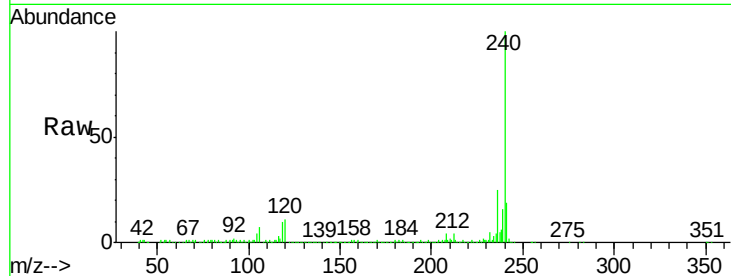
ClientSampled :

2

Tgt Ion:	240	Resp:	286361
Ion Ratio	Lower	Upper	
240	100		
120	10.7	9.5	14.3
236	25.3	20.7	31.1

Manual Integrations
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#78

Terphenyl-d14

Concen: 58.200 ng

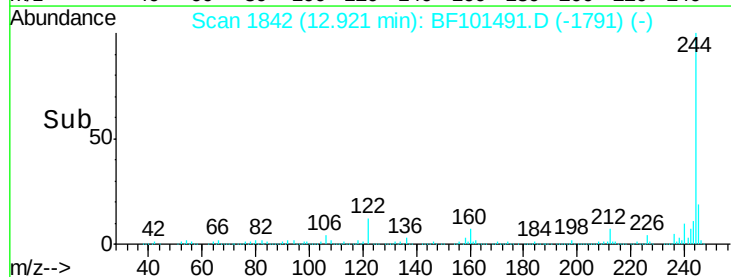
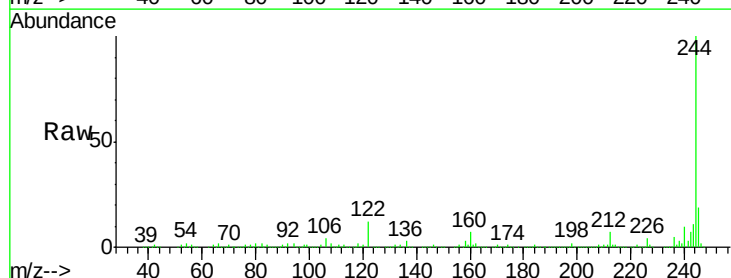
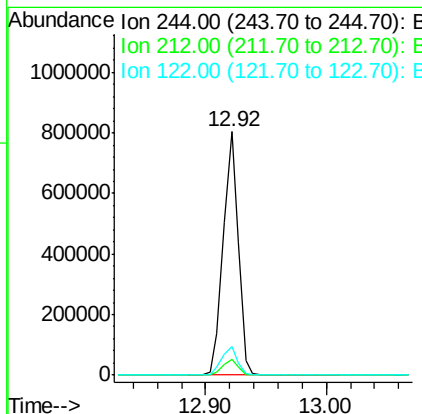
RT: 12.92 min Scan# 1842

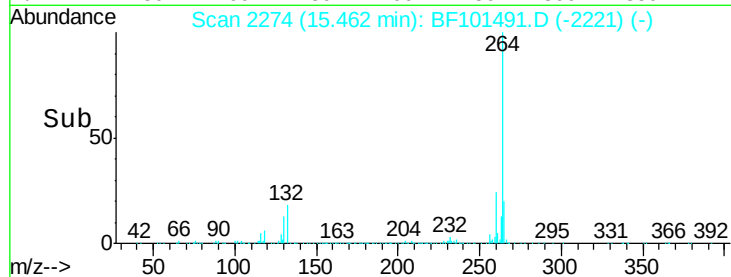
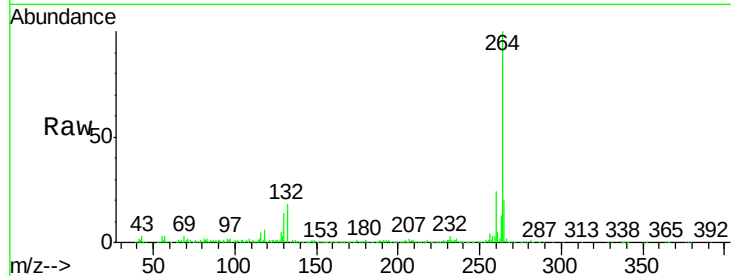
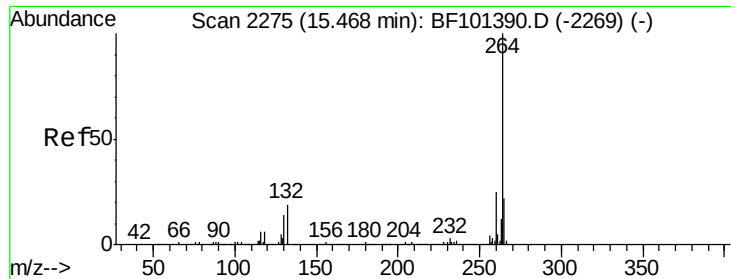
Delta R.T. -0.00 min

Lab File: BF101491.D

Acq: 18 Dec 2017 20:03

Tgt Ion:	244	Resp:	691326
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.4	8.0
122	11.6	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF101491.D
Acq: 18 Dec 2017 20:03

Instrument :
BNA_F
ClientSampleId :
2

Tgt	Ion	Ratio	Resp	Lower	Upper
264	100		281876		
260	23.6	19.2	28.8		
265	20.4	17.5	26.3		

Manual Integrations
APPROVED

Sohil
12/19/2017 4:50:03 PM

