

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121917\
 Data File : BF101536.D
 Acq On : 19 Dec 2017 21:30
 Operator : SJ/JU
 Sample : I6975-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12000

Manual Integrations
 APPROVED

Sohil
 12/20/2017 3:48:05 PM

Quant Time: Dec 20 07:58:18 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	131282	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	461966	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	168522	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	269546	20.00	ng	0.00
75) Chrysene-d12	13.99	240	309229	20.00	ng	0.00
86) Perylene-d12	15.46	264	351720	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	895373	101.59	ng	0.01
7) Phenol-d6	6.45	99	977967	89.16	ng	0.00
23) Nitrobenzene-d5	7.37	82	633773	76.37	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	159543	98.25	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	925564	85.20	ng	0.00
78) Terphenyl-d14	12.92	244	769391	59.98	ng	0.00
Target Compounds						
10) Phenol	6.46	94	45369	3.629	ng	83
49) Dimethylphthalate	9.56	163	51687	3.813	ng	99
77) Pyrene	12.79	202	51792	2.232	ng	98
87) Benzo(b)fluoranthene	15.03	252	45300m	2.113	ng	

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

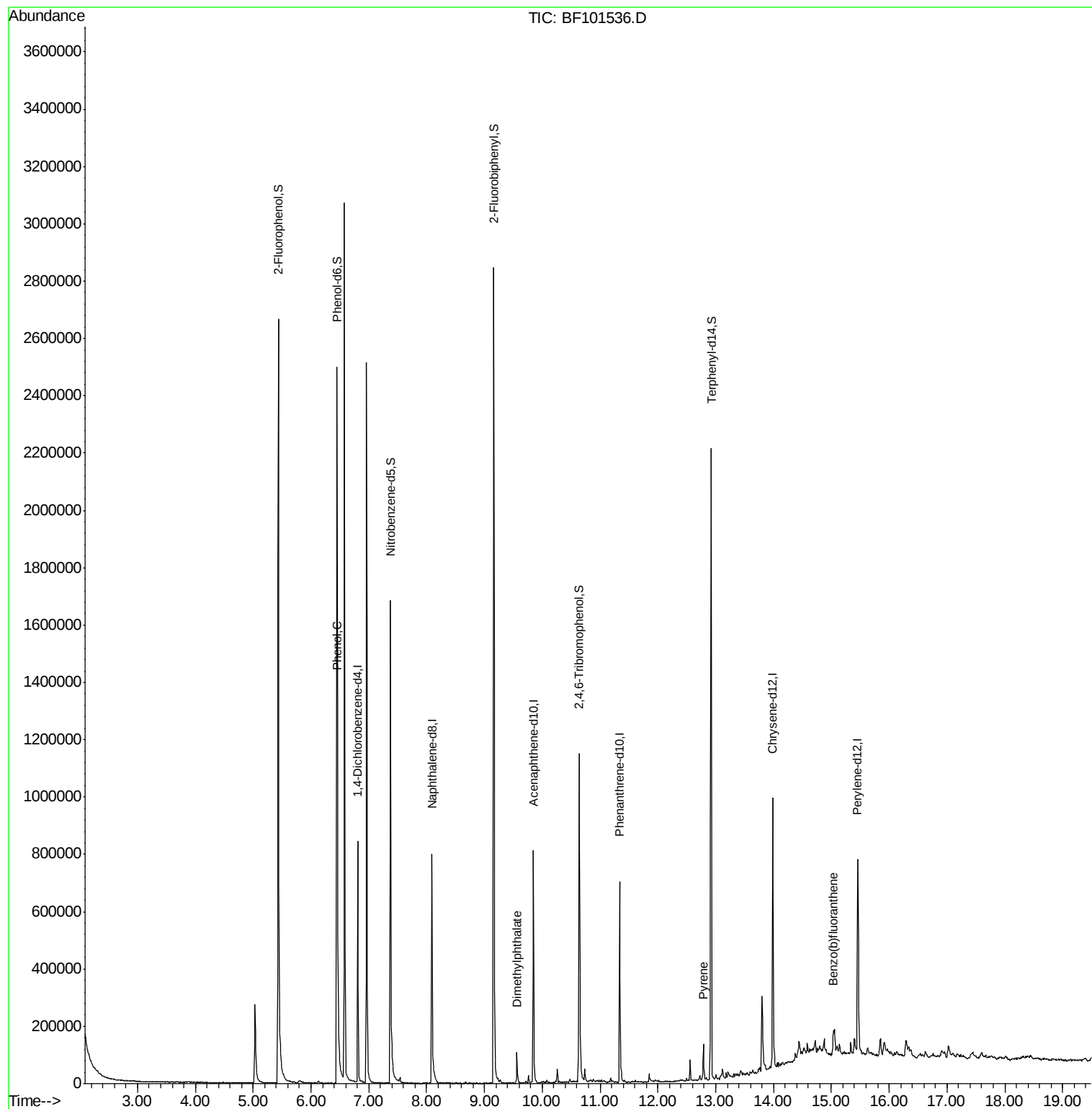
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121917\
Data File : BF101536.D
Acq On : 19 Dec 2017 21:30
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Sample : I6975-01
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Response via : Initial Calibration





#1

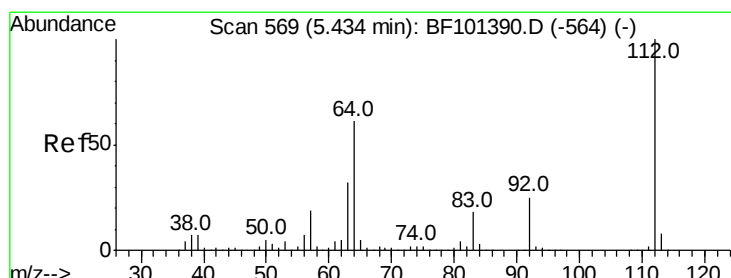
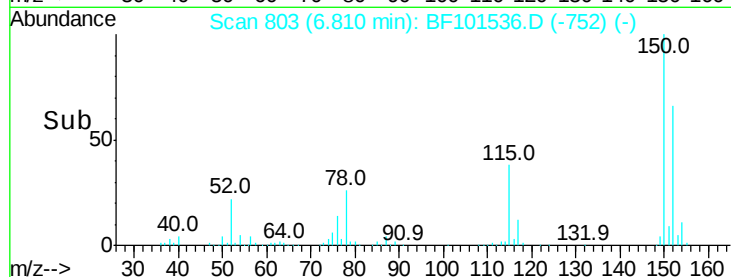
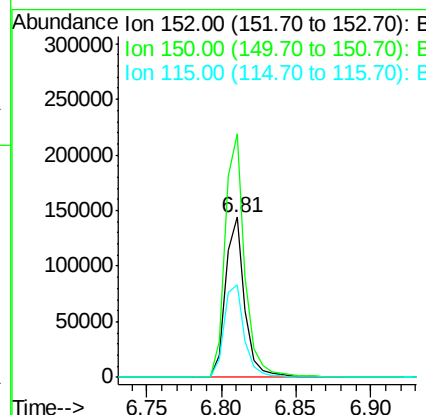
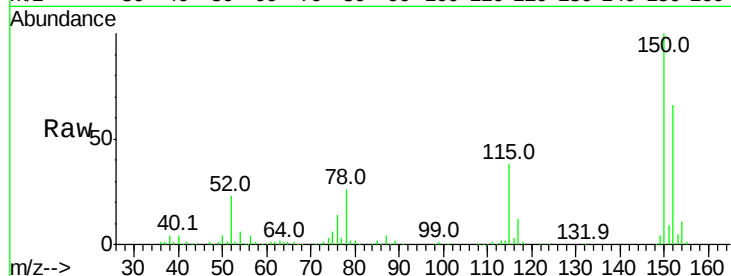
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF101536.D
Acq: 19 Dec 2017 21:30

Instrument :
BNA_F
ClientSampleId :
72-12000

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	124.6	186.8
115	58.2	50.1	75.1

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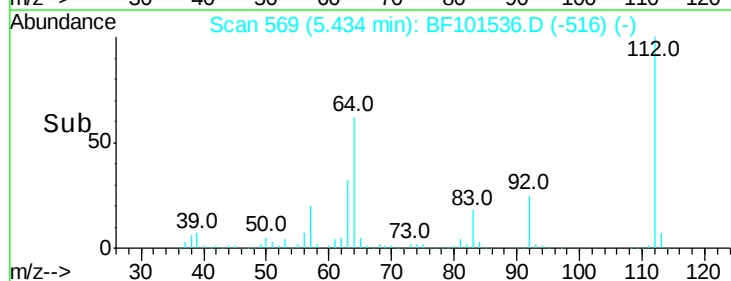
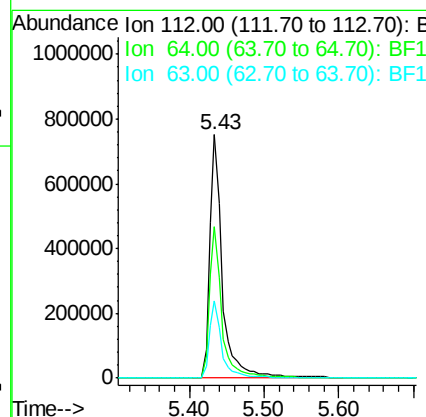
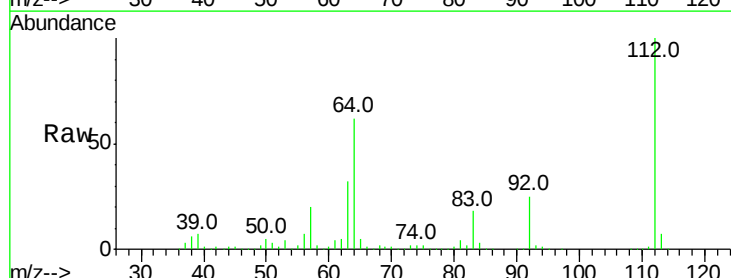
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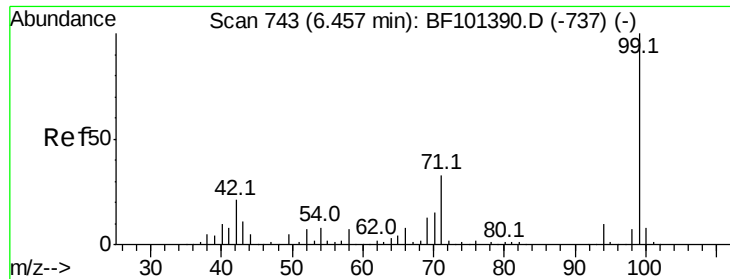


#5

2-Fluorophenol
Concen: 101.593 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF101536.D
Acq: 19 Dec 2017 21:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.2	47.9	71.9
63	31.9	23.7	35.5





#7

Phenol-d6

Concen: 89.161 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF101536.D

Acq: 19 Dec 2017 21:30

Instrument :

BNA_F

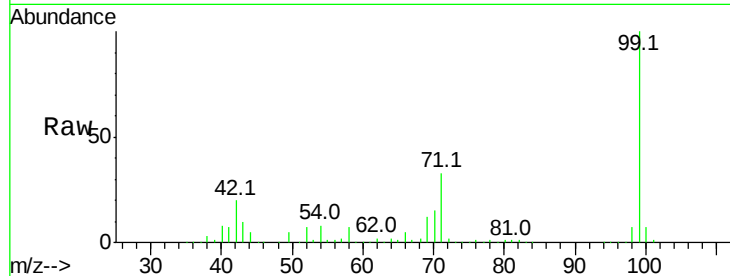
ClientSampled :

72-12000

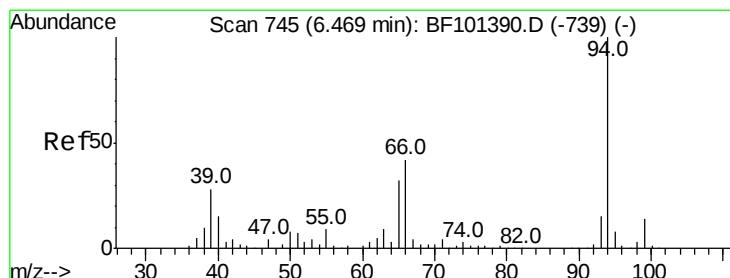
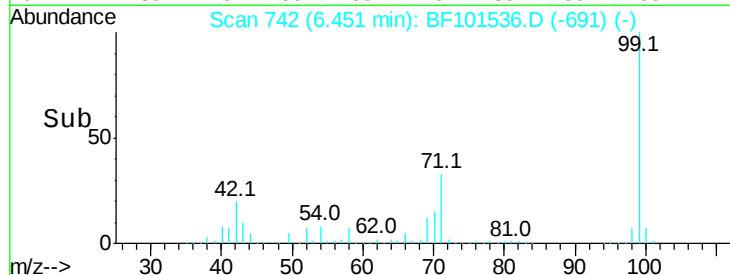
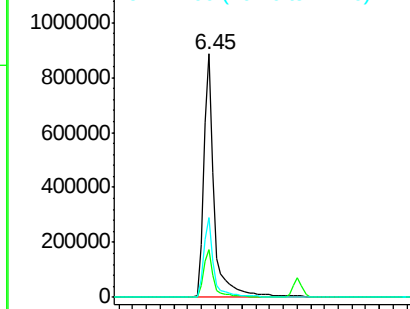
Tot Ion:	99	Resp:	977967
Ion Ratio	Lower	Upper	
99	100		
42	19.7	14.5	21.7
71	32.6	25.4	38.0

Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.629 ng

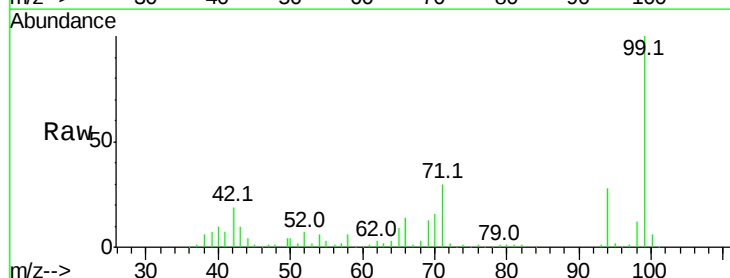
RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

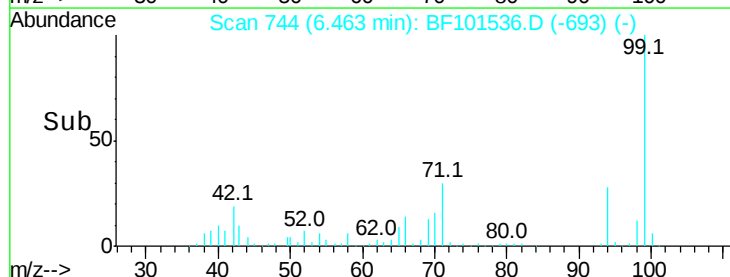
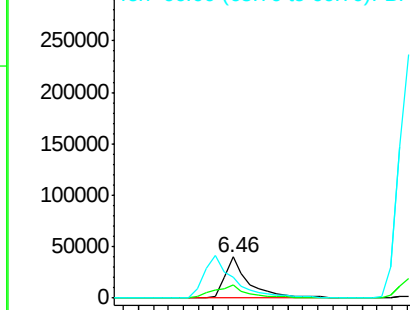
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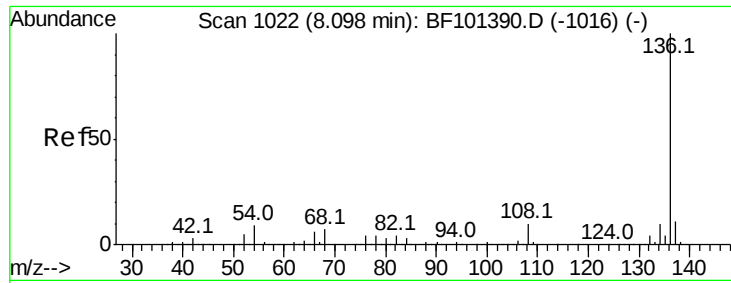
Acq: 19 Dec 2017 21:30

Tgt Ion:	94	Resp:	45369
Ion Ratio	Lower	Upper	
94	100		
65	32.1	7.9	47.9
66	50.4	16.2	56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





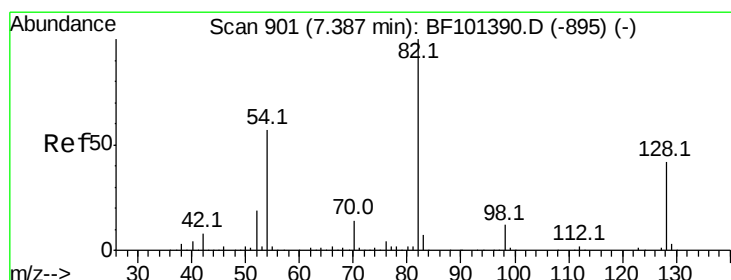
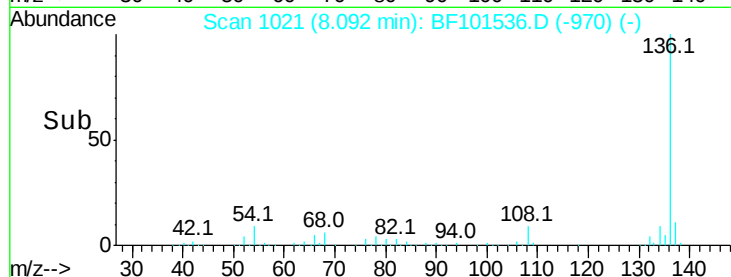
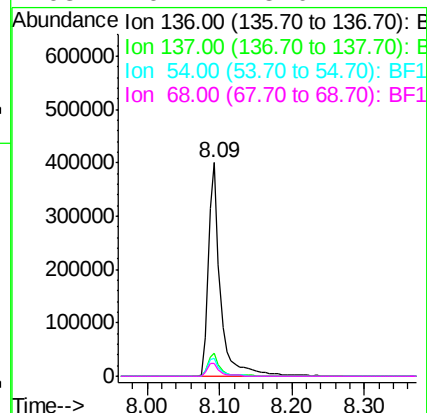
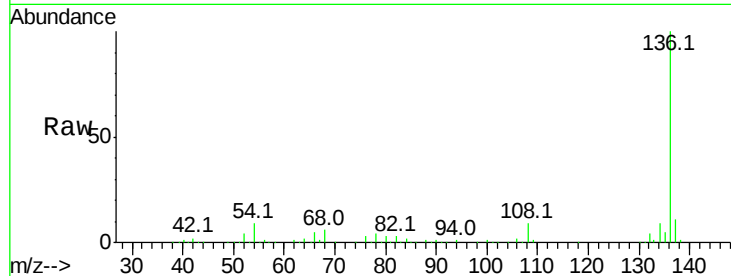
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF101536.D
Acq: 19 Dec 2017 21:30

Instrument :
BNA_F
ClientSampleId :
72-12000

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.9	13.3	
54	8.6	6.6	9.8	
68	6.1	5.0	7.4	

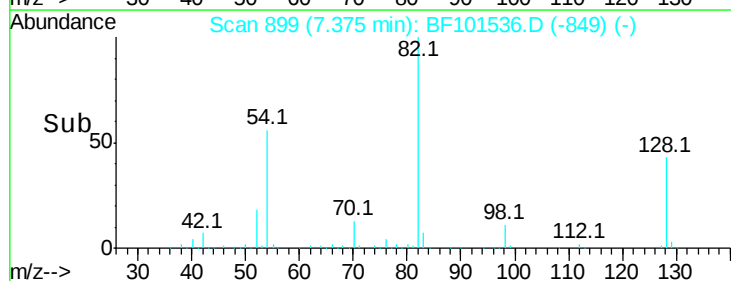
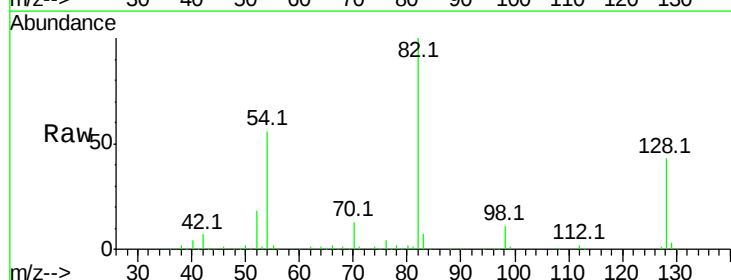
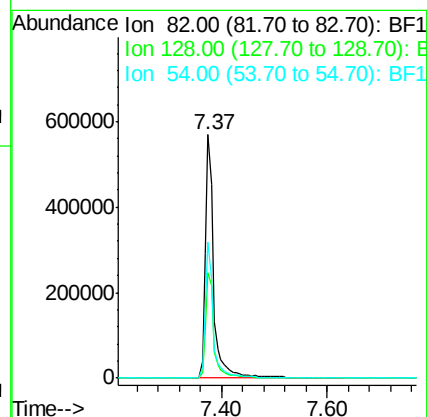
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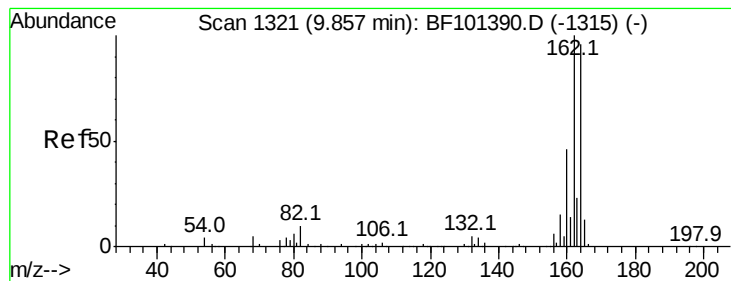
Sohil
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#23
Nitrobenzene-d5
Concen: 76.368 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF101536.D
Acq: 19 Dec 2017 21:30

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.3	36.1	54.1	
54	56.1	41.4	62.2	





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF101536.D

Acq: 19 Dec 2017 21:30

Instrument :

BNA_F

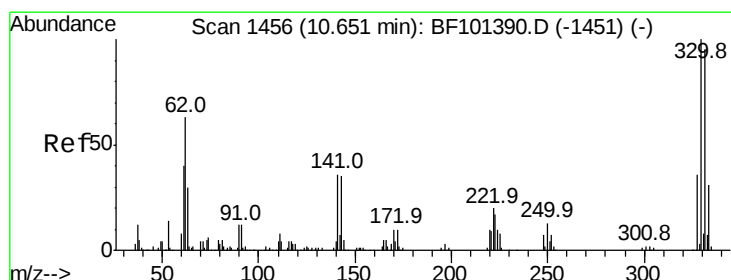
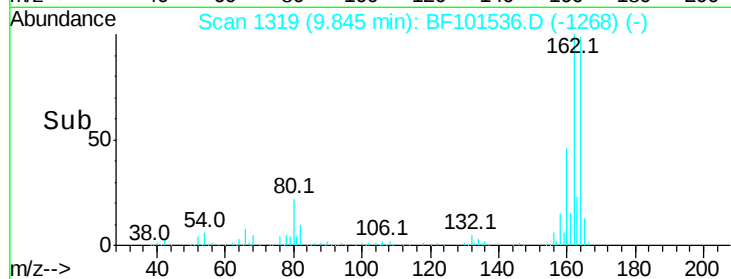
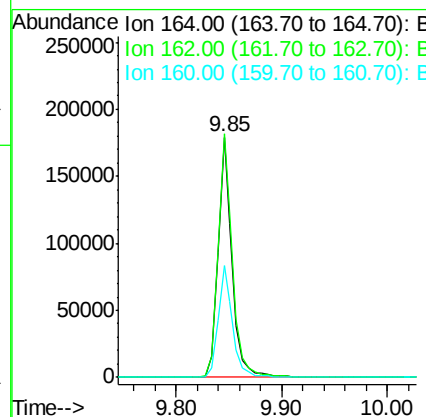
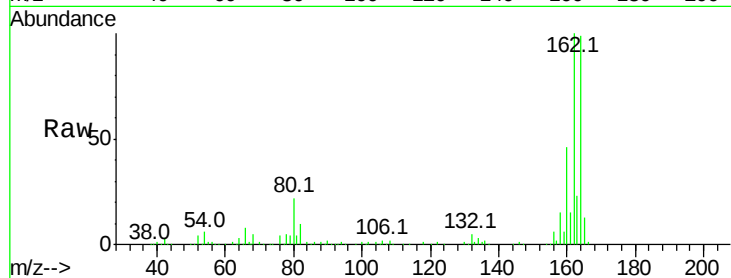
ClientSampleId :

72-12000

Tot Ion:	164	Resp:	168522
Ion Ratio	Lower	Upper	
164	100		
162	101.3	86.1	129.1
160	46.3	38.3	57.5

Manual Integrations
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#41

2,4,6-Tribromophenol

Concen: 98.250 ng

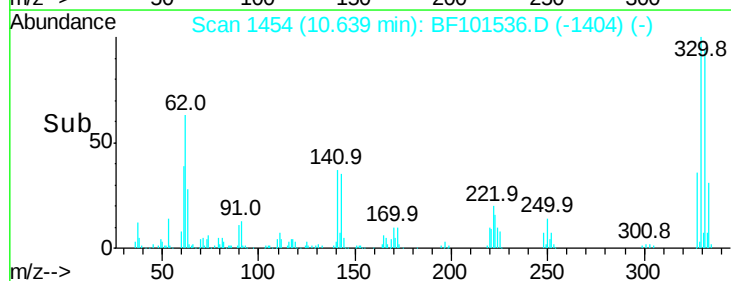
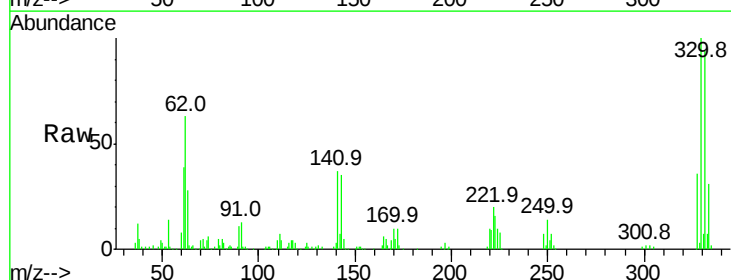
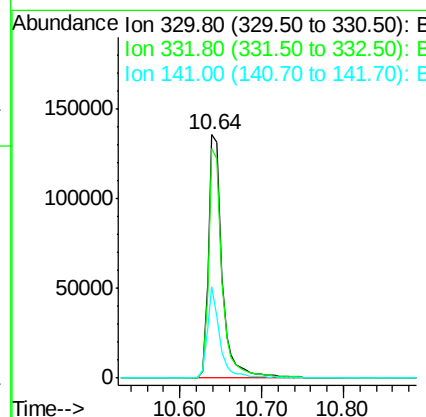
RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF101536.D

Acq: 19 Dec 2017 21:30

Tgt Ion:	330	Resp:	159543
Ion Ratio	Lower	Upper	
330	100		
332	93.4	77.0	115.6
141	34.1	29.9	44.9





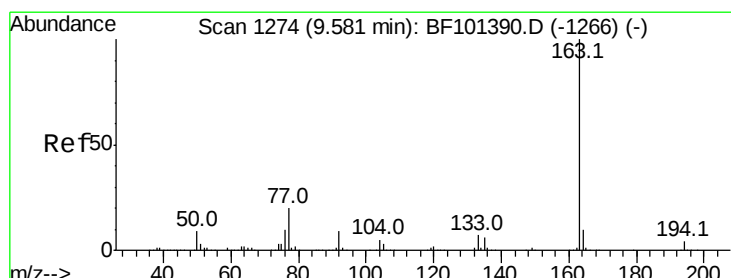
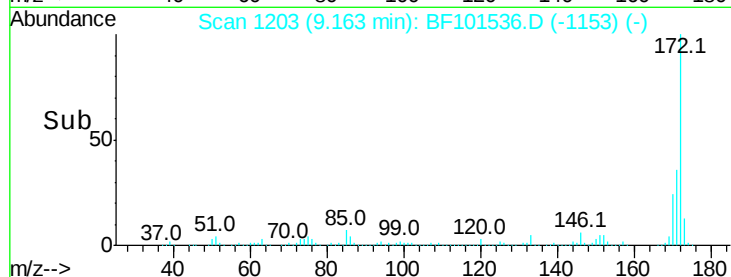
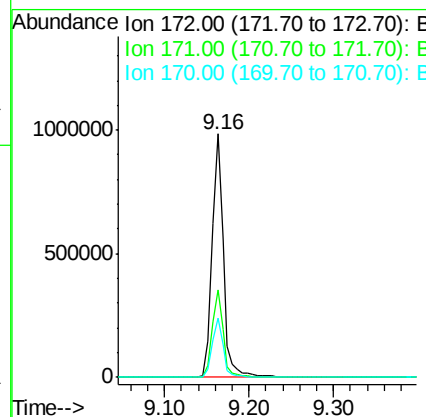
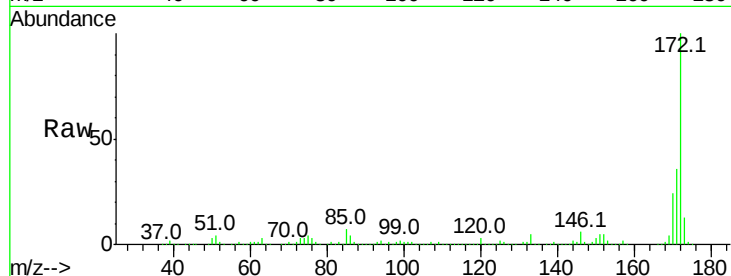
#44
2-Fluorobiphenyl
Concen: 85.198 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF101536.D
Acq: 19 Dec 2017 21:30

Instrument :
BNA_F
ClientSampled :
72-12000

Tot Ion	Ratio	Resp	Lower	Upper
172	100	925564		
171	36.0		29.7	44.5
170	24.4		19.6	29.4

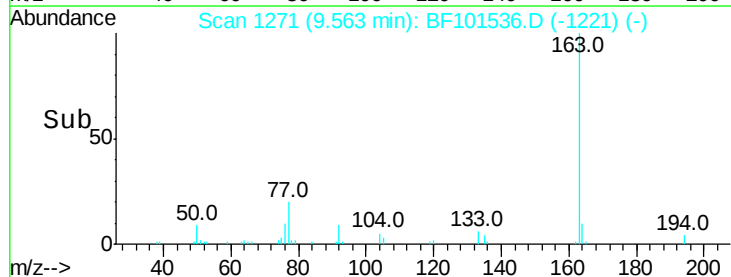
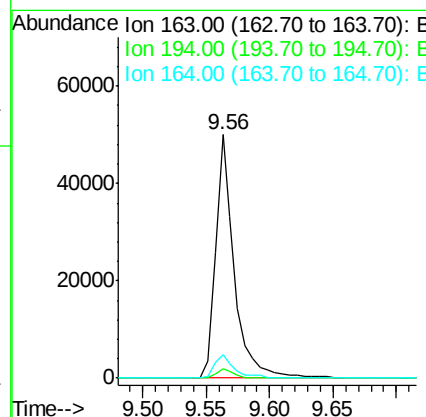
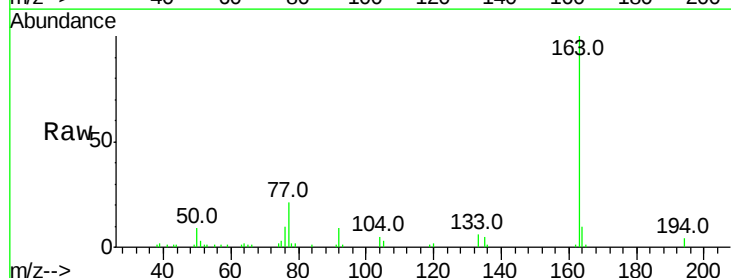
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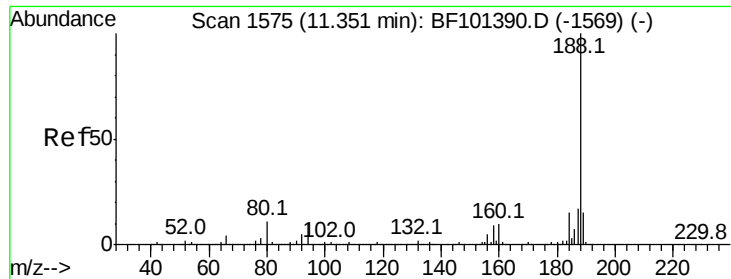
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#49
Dimethylphthalate
Concen: 3.813 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF101536.D
Acq: 19 Dec 2017 21:30

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	51687		
194	3.8		2.7	4.1
164	9.7		8.2	12.2





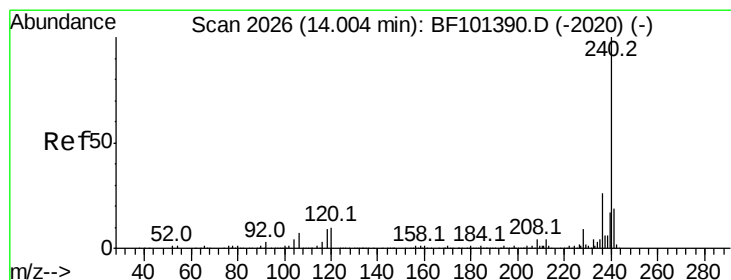
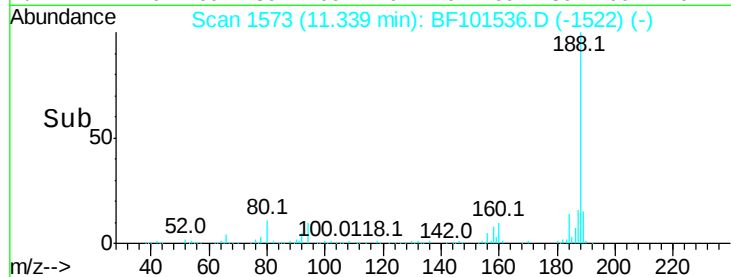
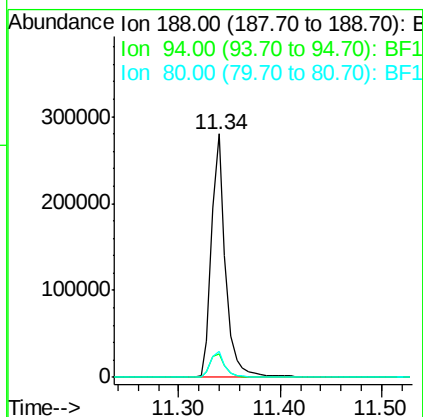
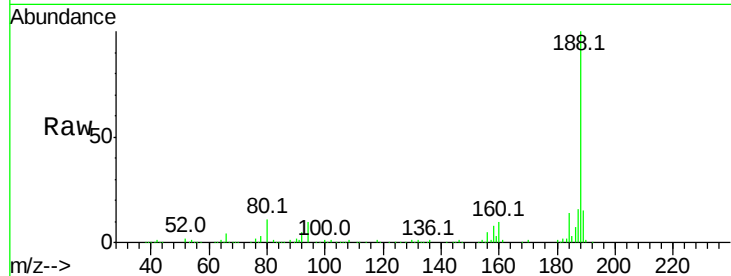
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF101536.D
Acq: 19 Dec 2017 21:30

Instrument :
BNA_F
ClientSampleId :
72-12000

Tot Ion	Ratio	Resp	Lower	Upper
188	100	269546		
94	9.6		8.5	12.7
80	10.8		9.2	13.8

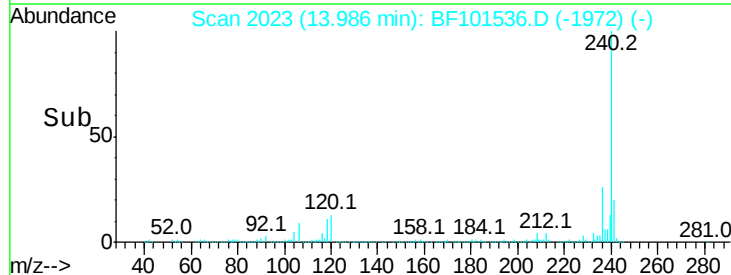
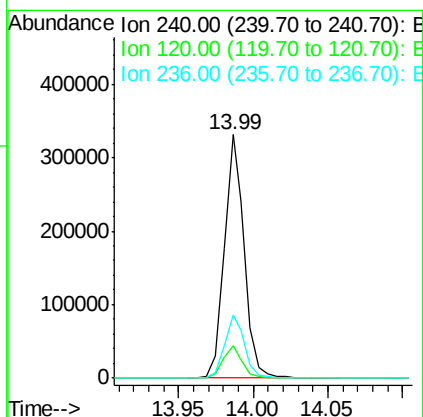
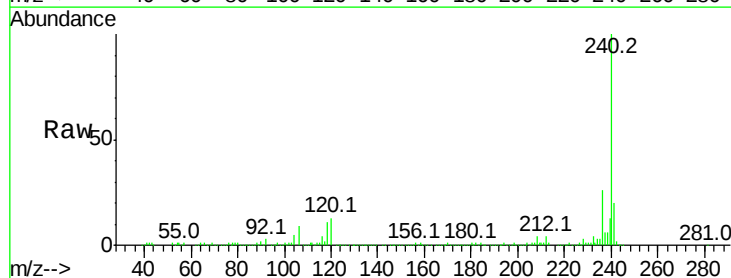
Manual Integrations
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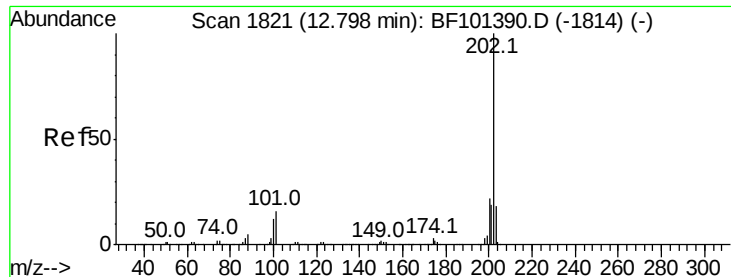
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF101536.D
Acq: 19 Dec 2017 21:30

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	309229		
120	13.2		9.5	14.3
236	25.8		20.7	31.1





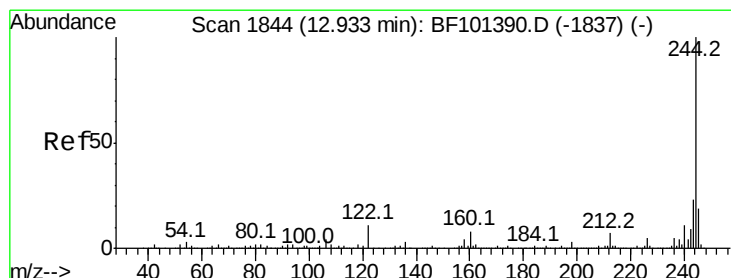
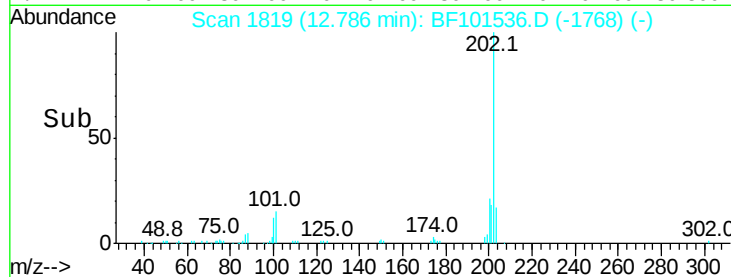
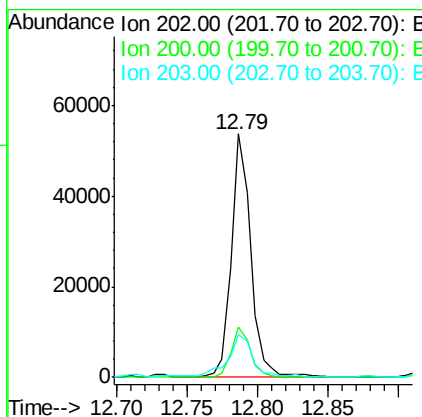
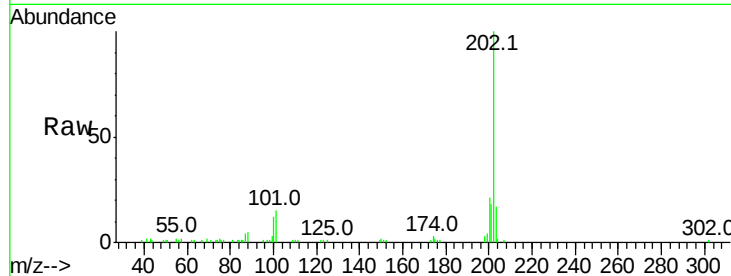
#77
Pvrene
Concen: 2.232 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BF101536.D
Acq: 19 Dec 2017 21:30

Instrument :
BNA_F
ClientSampleId :
72-12000

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	17.5	14.3	21.5

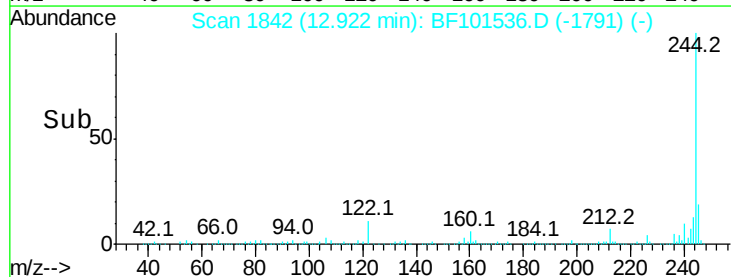
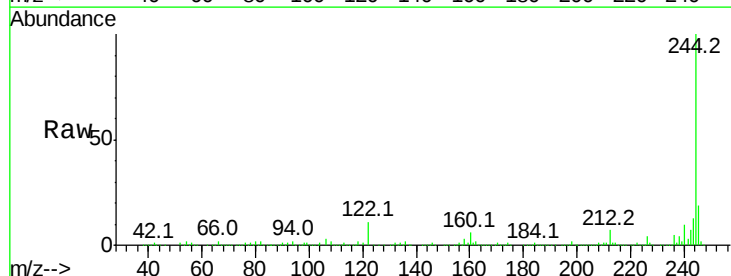
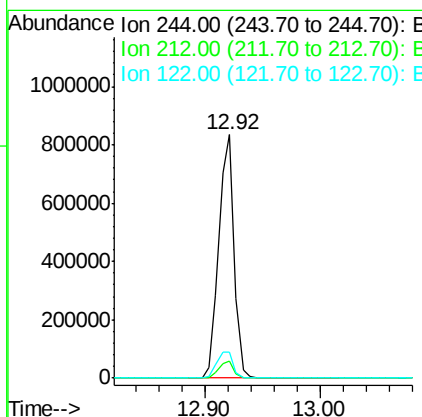
Manual Integrations
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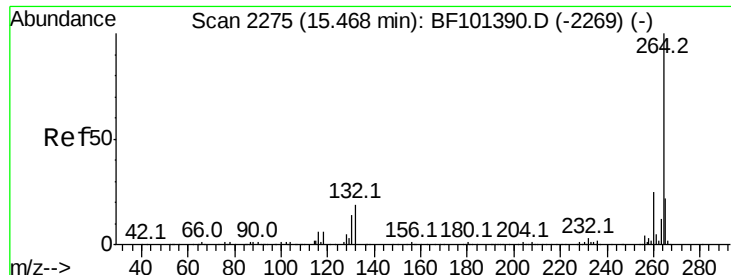
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#78
Terphenyl-d14
Concen: 59.982 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF101536.D
Acq: 19 Dec 2017 21:30

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.6	11.0	16.4





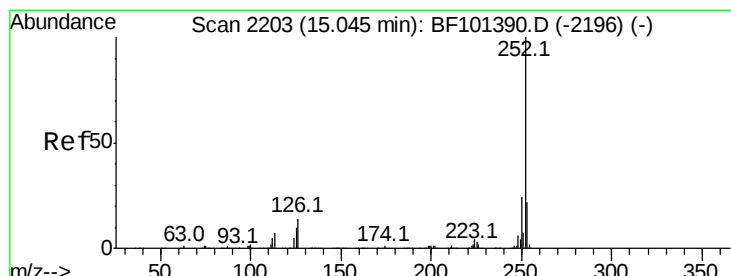
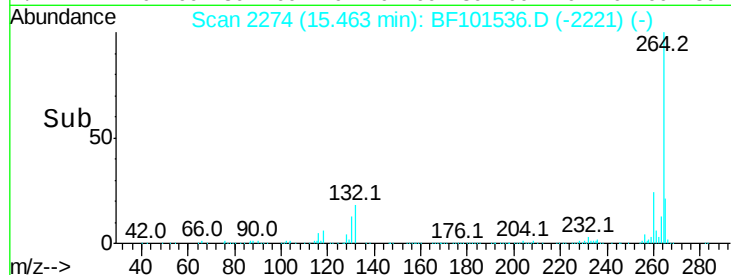
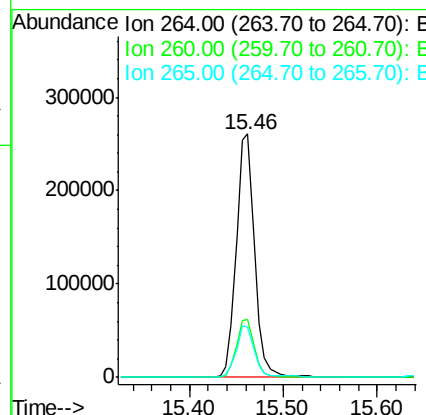
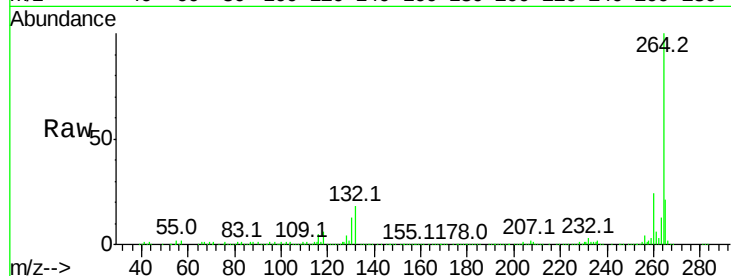
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF101536.D
Acq: 19 Dec 2017 21:30

Instrument :
BNA_F
ClientSampleId :
72-12000

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	20.8	17.5	26.3

Manual Integrations
APPROVED

Sohil
12/20/2017 3:48:05 PM



#87
Benzo(b)fluoranthene
Concen: 2.113 ng m
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF101536.D
Acq: 19 Dec 2017 21:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.0	25.6
125	13.6	9.0	13.6#

