

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\
 Data File : BF101868.D
 Acq On : 3 Jan 2018 18:58
 Operator : SJ/JU
 Sample : I7105-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT1500

Manual Integrations
 APPROVED

Sohil
 1/4/2018 1:56:34 PM

Quant Time: Jan 04 02:58:45 2018
 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	6.77	152	124201	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	440512	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	169661	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	319048	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	279196	20.00	ng	-0.02
86) Perylene-d12	15.42	264	204865	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	800282	95.98	ng	0.00
7) Phenol-d6	6.42	99	924924	89.13	ng	-0.01
23) Nitrobenzene-d5	7.35	82	541372	68.41	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	157455	96.31	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	836487	76.48	ng	-0.02
78) Terphenyl-d14	12.88	244	771845	66.65	ng	-0.02
Target Compounds						
10) Phenol	6.44	94	38814	3.282	ng	Qvalue # 67
49) Dimethylphthalate	9.52	163	70451	5.162	ng	99
70) Phenanthrene	11.33	178	44672	2.518	ng	97
74) Fluoranthene	12.52	202	71699	3.850	ng	99
77) Pyrene	12.75	202	65191	3.111	ng	99
87) Benzo(b)fluoranthene	15.00	252	25304m	2.026	ng	

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

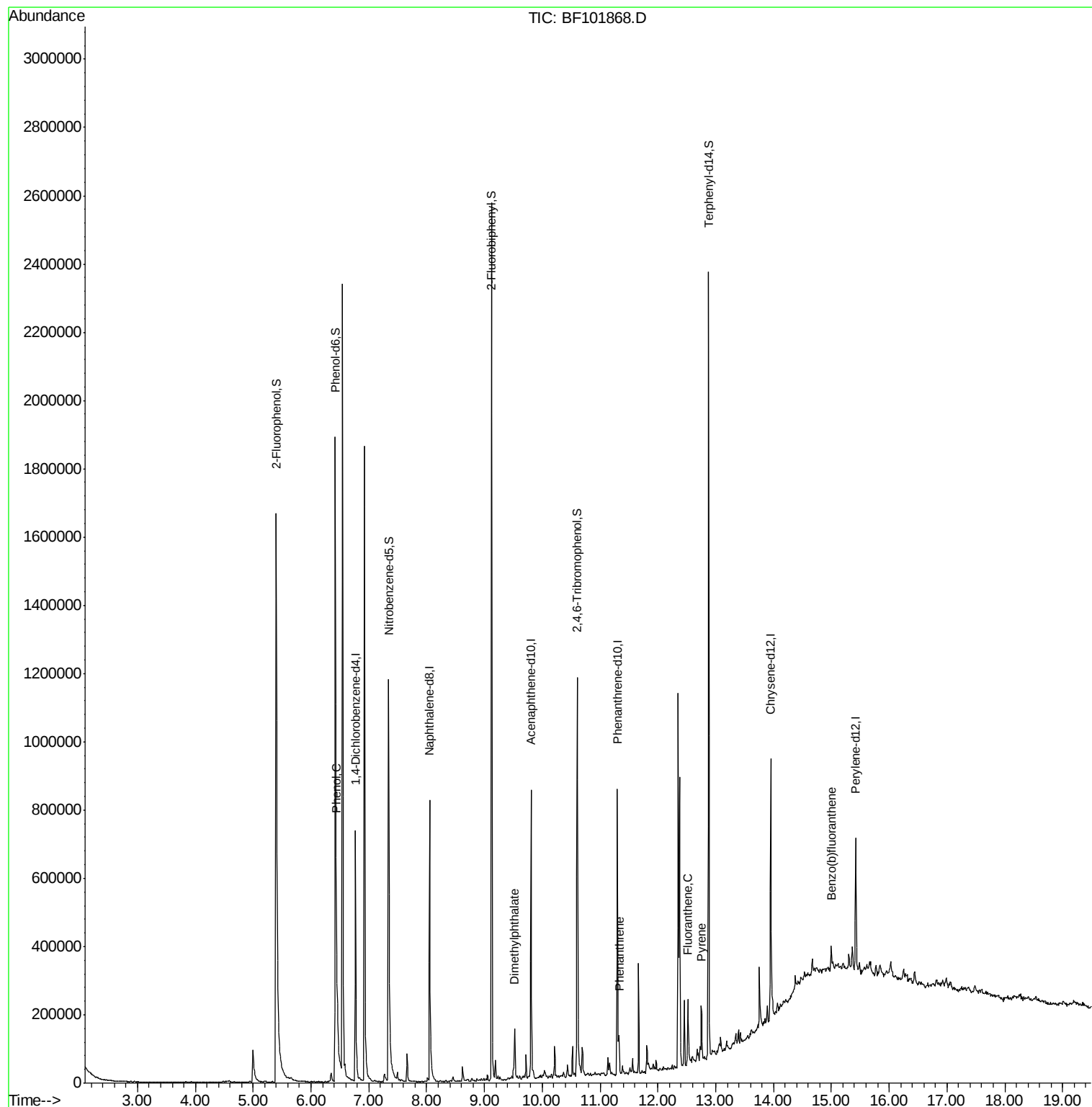
Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\
Data File : BF101868.D
Acq On : 3 Jan 2018 18:58
Operator : SJ/JU
Sample : I7105-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

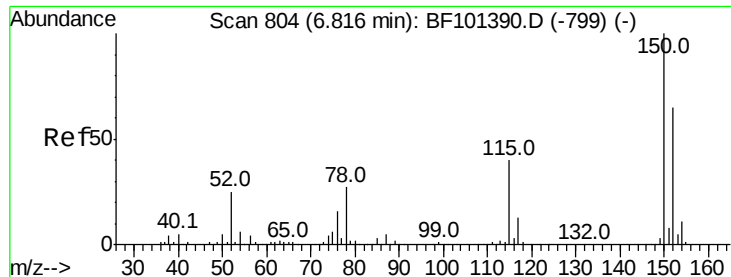
Instrument :
BNA_F
ClientSampleId :
RT1500

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Quant Time: Jan 04 02:58:45 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

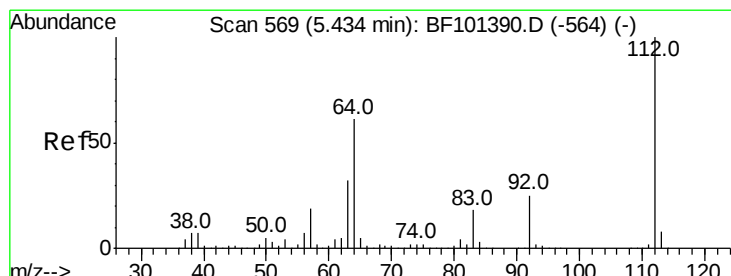
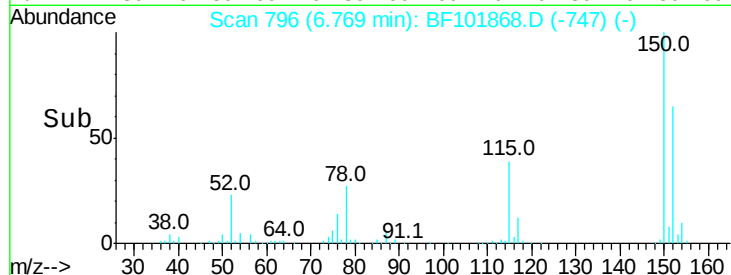
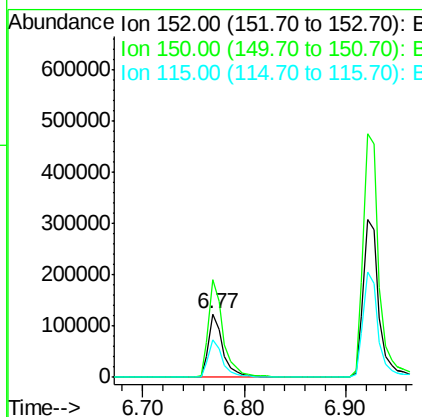
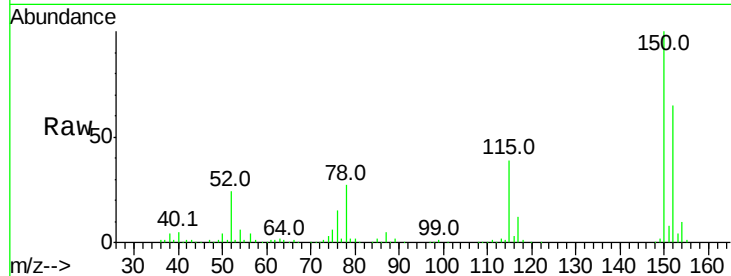
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF101868.D
Acq: 3 Jan 2018 18:58

Instrument :
BNA_F
ClientSampleId :
RT1500

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.6	186.8
115	59.8	50.1	75.1

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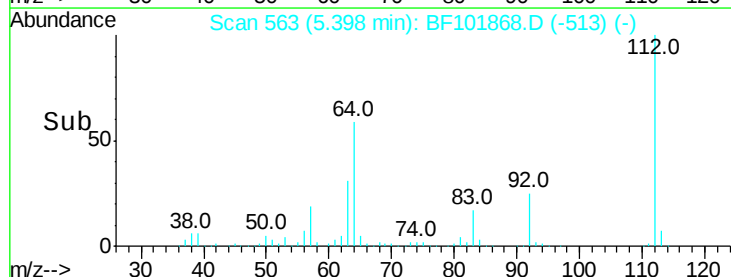
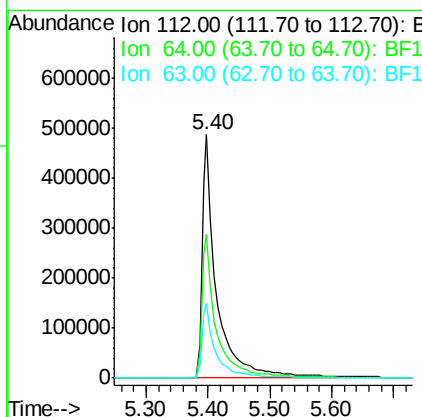
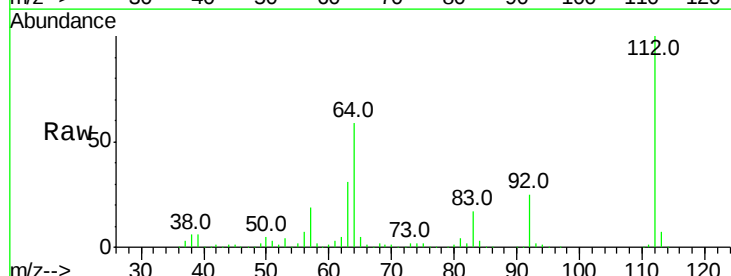
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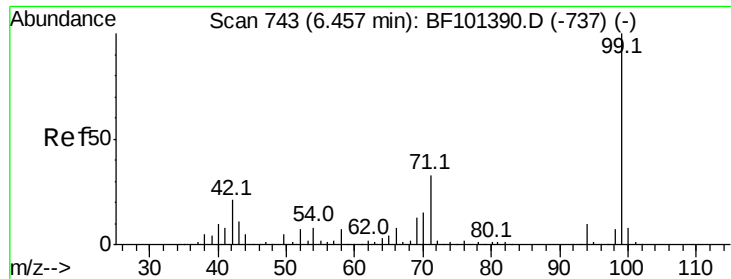


#5

2-Fluorophenol
Concen: 95.980 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF101868.D
Acq: 3 Jan 2018 18:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	47.9	71.9
63	30.5	23.7	35.5





#7

Phenol-d6

Concen: 89.133 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF101868.D

Acq: 3 Jan 2018 18:58

Instrument :

BNA_F

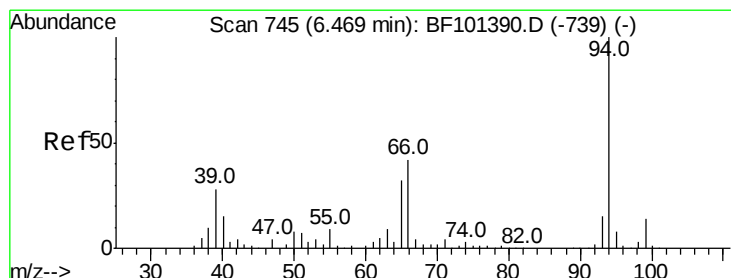
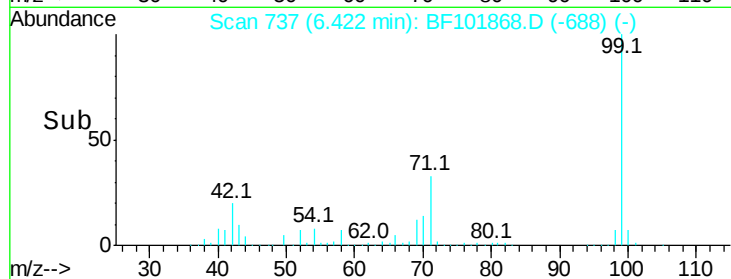
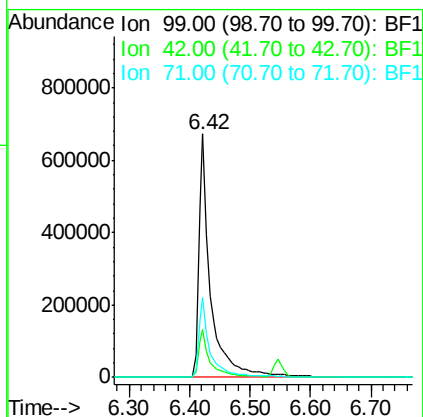
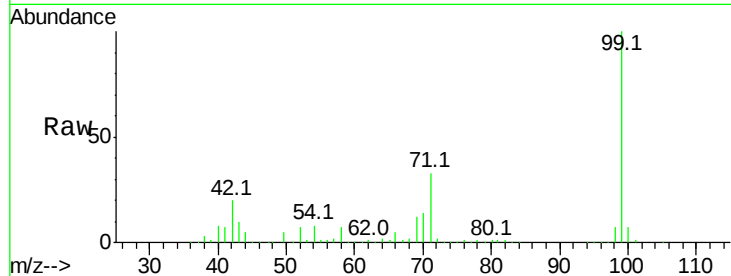
ClientSampled :

RT1500

Tot Ion:	99	Resp:	924924
Ion Ratio	Lower	Upper	
99	100		
42	19.5	14.5	21.7
71	32.9	25.4	38.0

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#10

Phenol

Concen: 3.282 ng

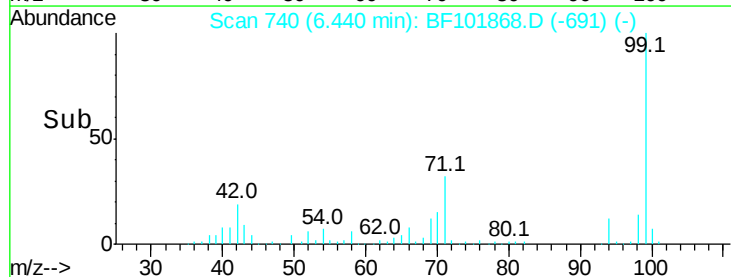
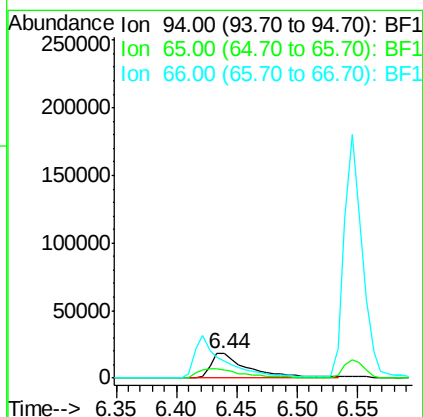
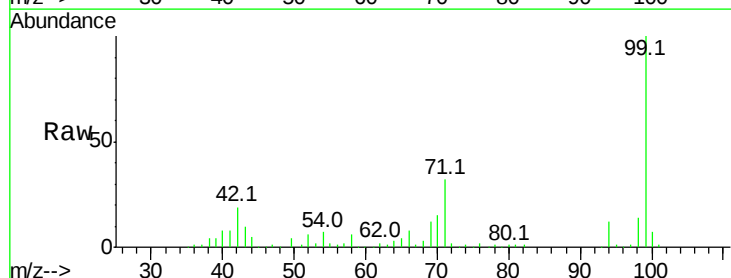
RT: 6.44 min Scan# 740

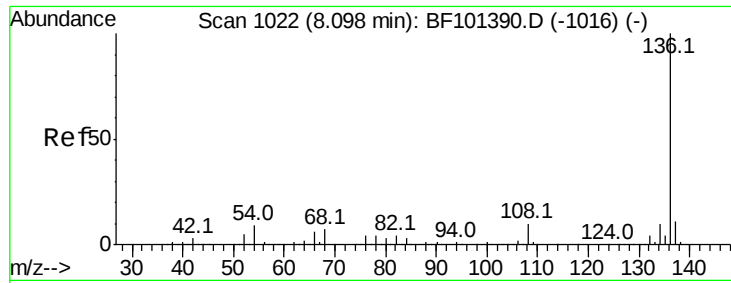
Delta R.T. -0.01 min

Lab File: BF101868.D

Acq: 3 Jan 2018 18:58

Tgt Ion:	94	Resp:	38814
Ion Ratio	Lower	Upper	
94	100		
65	31.2	7.9	47.9
66	67.7	16.2	56.2#





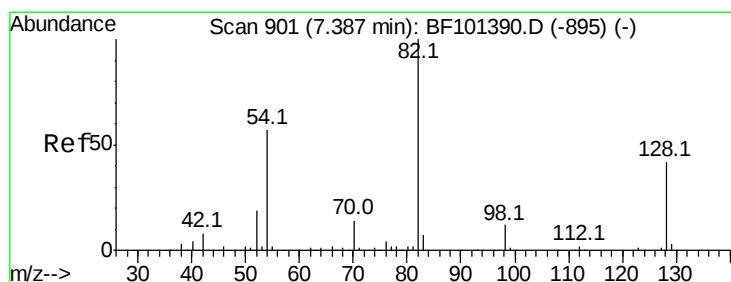
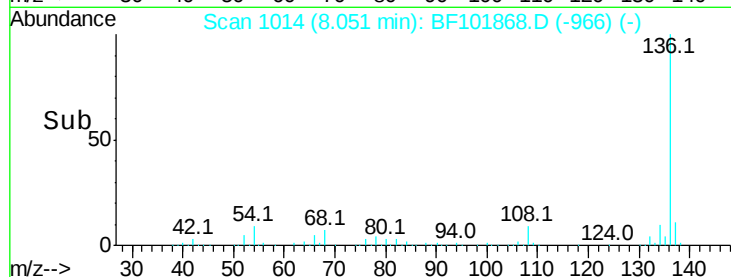
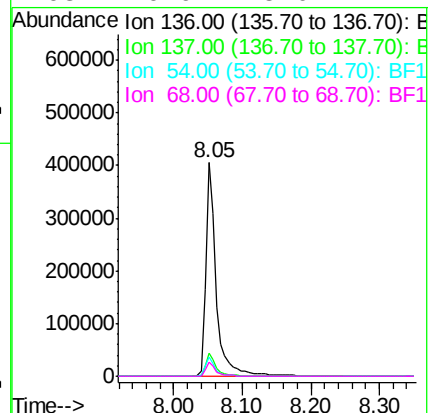
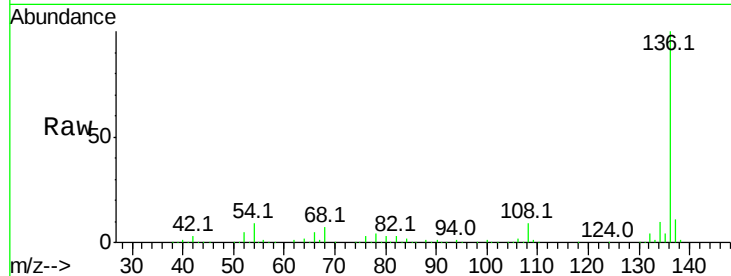
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF101868.D
Acq: 3 Jan 2018 18:58

Instrument :
BNA_F
ClientSampleId :
RT1500

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	9.3	6.6	9.8	
68	6.9	5.0	7.4	

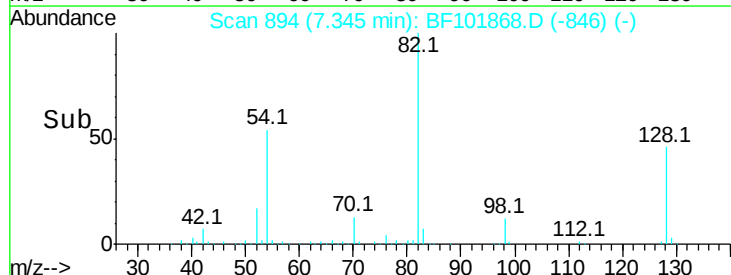
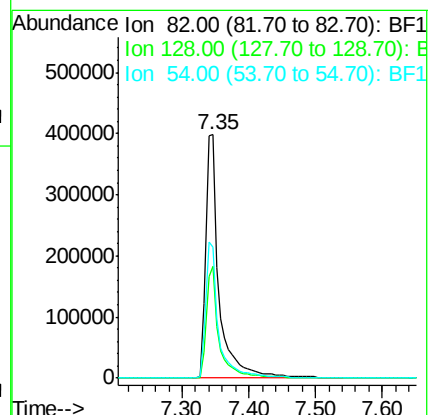
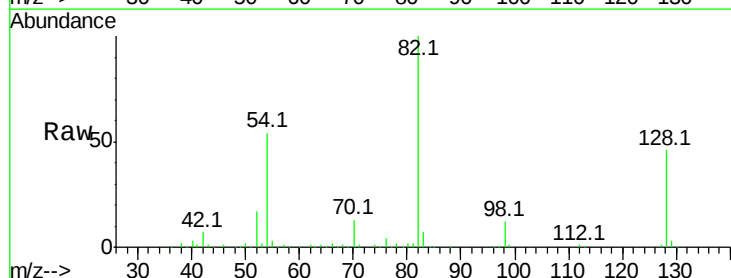
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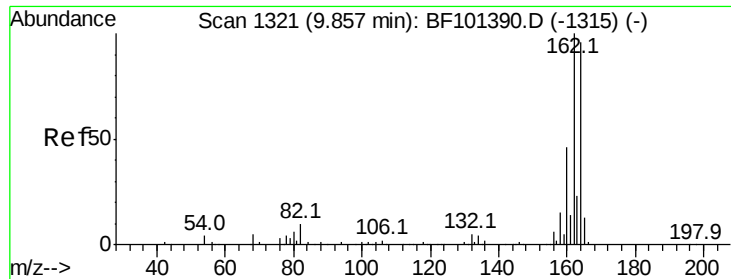
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#23
Nitrobenzene-d5
Concen: 68.411 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.02 min
Lab File: BF101868.D
Acq: 3 Jan 2018 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.8	36.1	54.1	
54	53.7	41.4	62.2	





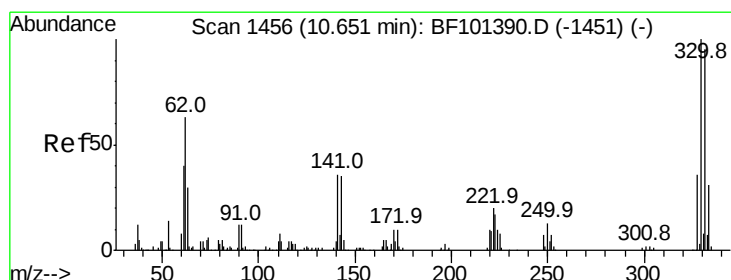
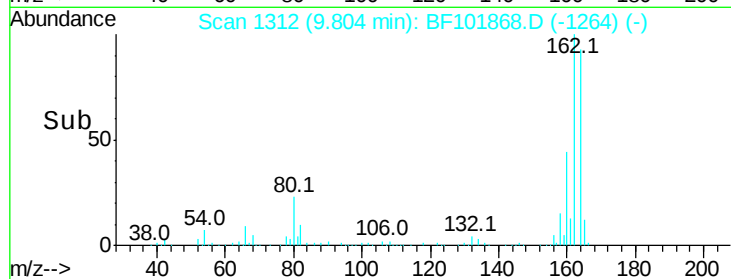
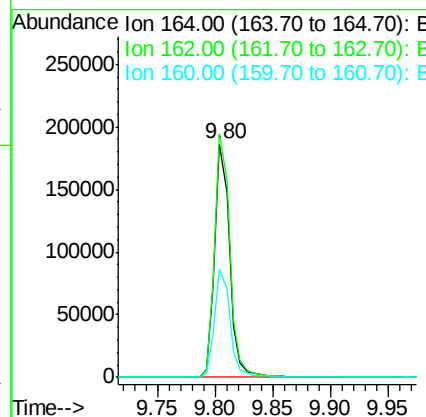
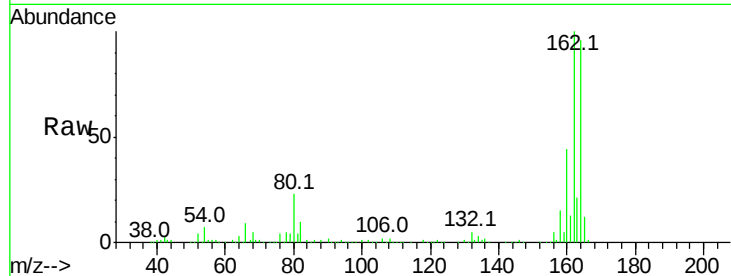
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BF101868.D
Acq: 3 Jan 2018 18:58

Instrument :
BNA_F
ClientSampled :
RT1500

Tot Ion	Ratio	Resp	Lower	Upper
164	100	169661		
162	104.3	86.1	129.1	
160	46.1	38.3	57.5	

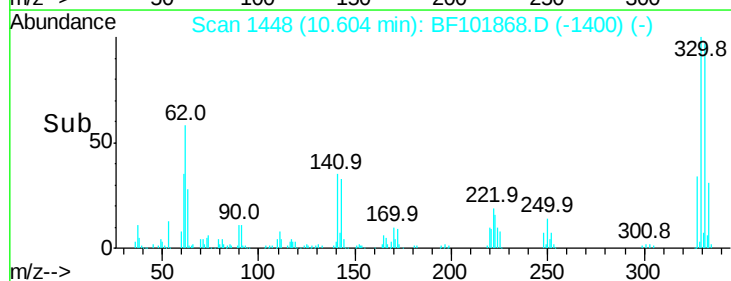
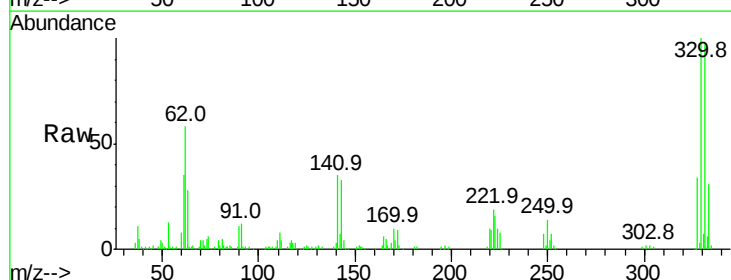
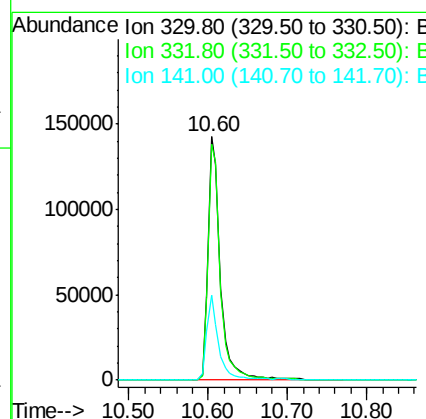
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#41
2,4,6-Tribromophenol
Concen: 96.314 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.02 min
Lab File: BF101868.D
Acq: 3 Jan 2018 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	157455		
332	97.3	77.0	115.6	
141	33.7	29.9	44.9	





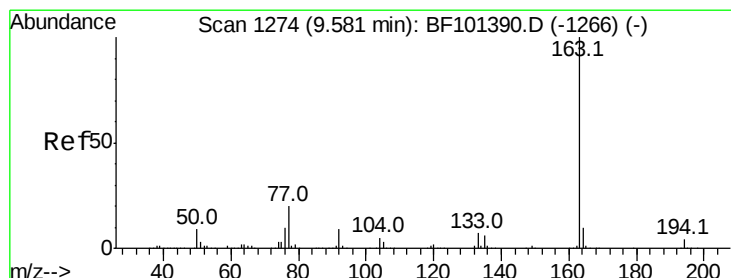
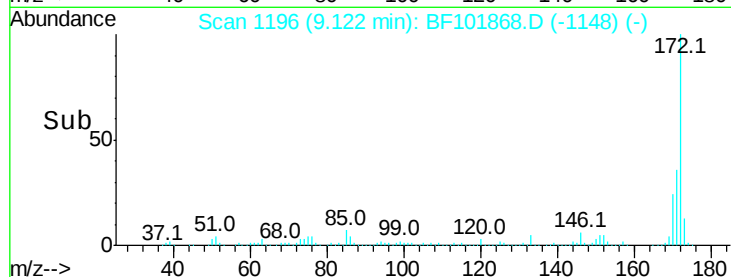
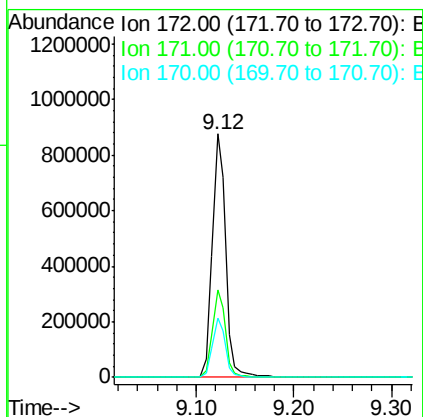
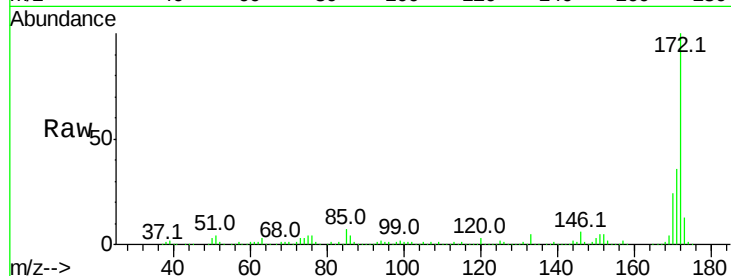
#44
2-Fluorobiphenyl
Concen: 76.482 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BF101868.D
Acq: 3 Jan 2018 18:58

Instrument :
BNA_F
ClientSampleId :
RT1500

Tot Ion	Ratio	Resp	Lower	Upper
172	100	836487		
171	36.1		29.7	44.5
170	24.2		19.6	29.4

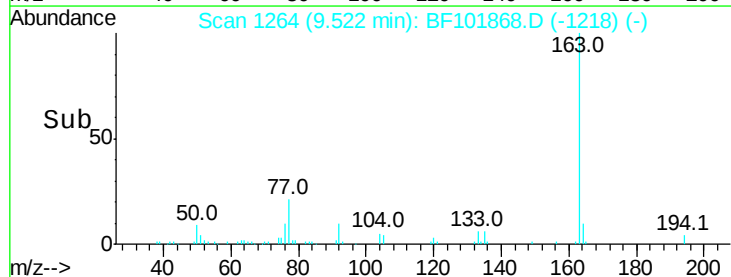
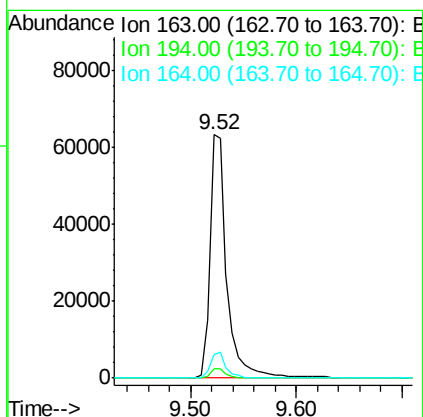
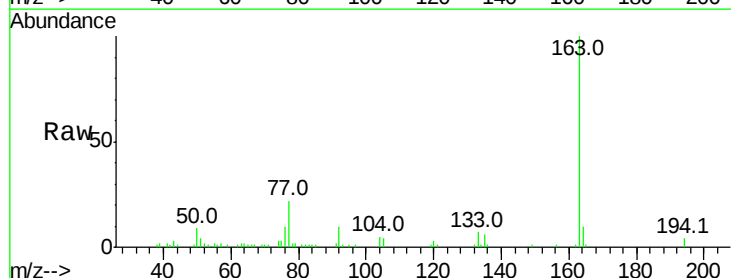
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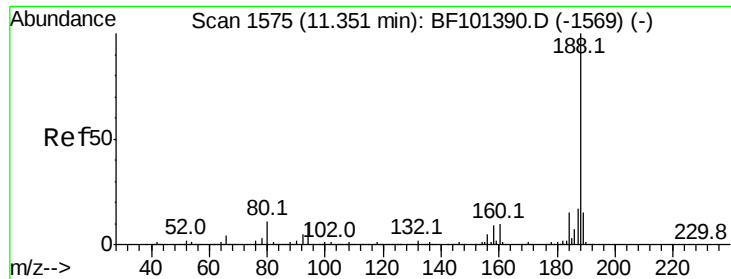
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#49
Dimethylphthalate
Concen: 5.162 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.03 min
Lab File: BF101868.D
Acq: 3 Jan 2018 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	70451		
194	3.6		2.7	4.1
164	9.8		8.2	12.2





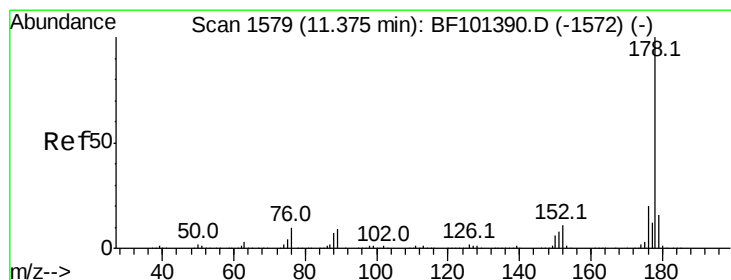
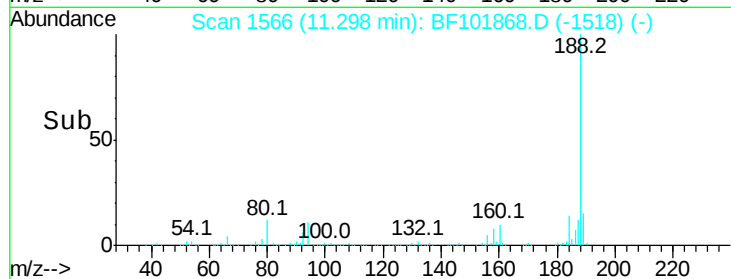
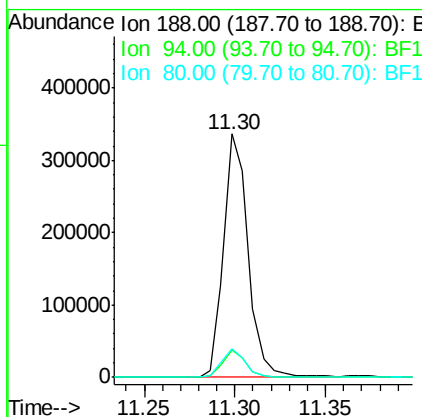
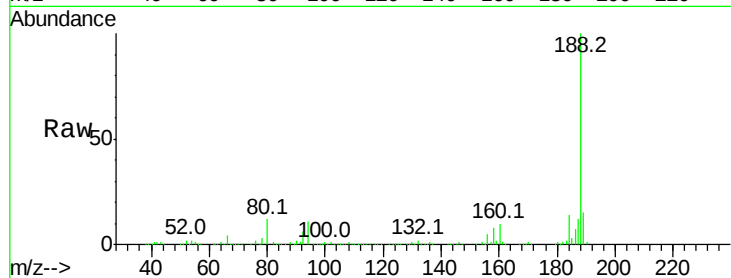
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.02 min
Lab File: BF101868.D
Acq: 3 Jan 2018 18:58

Instrument :
BNA_F
ClientSampleId :
RT1500

Tot Ion	Ratio	Resp	Lower	Upper
188	100	319048		
94	11.1		8.5	12.7
80	11.8		9.2	13.8

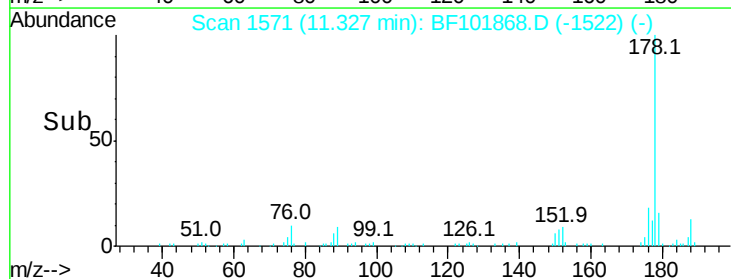
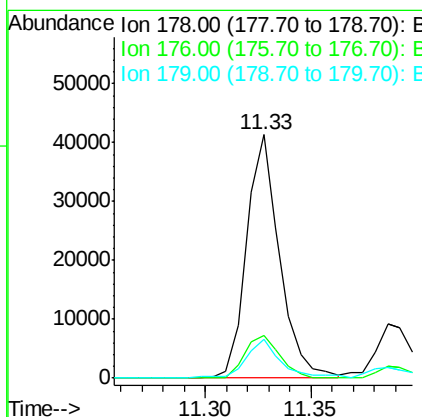
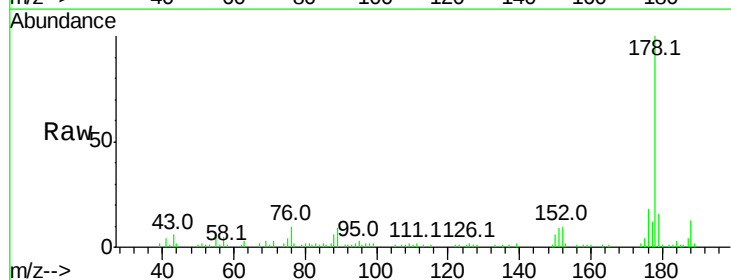
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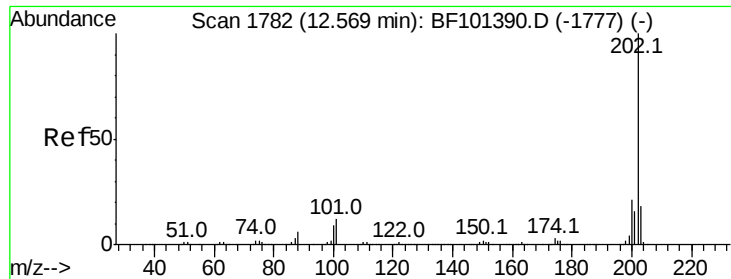
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#70
Phenanthrene
Concen: 2.518 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF101868.D
Acq: 3 Jan 2018 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	44672		
176	17.7		15.8	23.8
179	15.9		13.0	19.6





#74

Fluoranthene

Concen: 3.850 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF101868.D

Acq: 3 Jan 2018 18:58

Instrument :

BNA_F

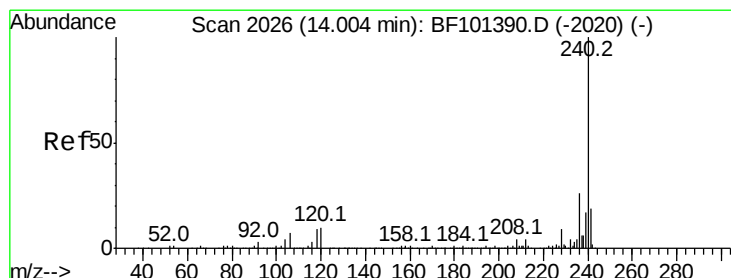
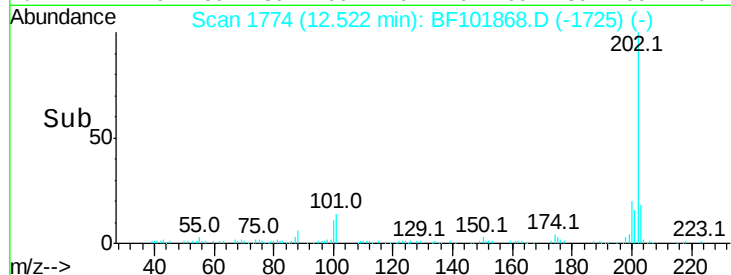
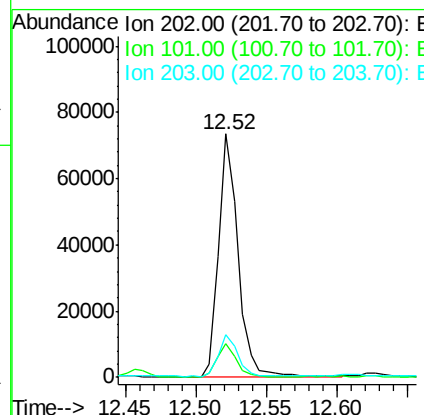
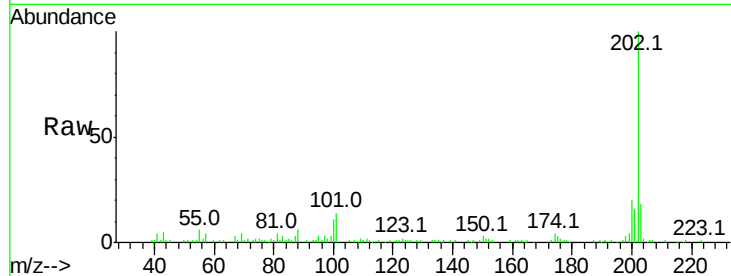
ClientSampled :

RT1500

Tot Ion:	202	Resp:	71699
Ion Ratio	Lower	Upper	
202	100		
101	14.0	0.0	34.1
203	17.6	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

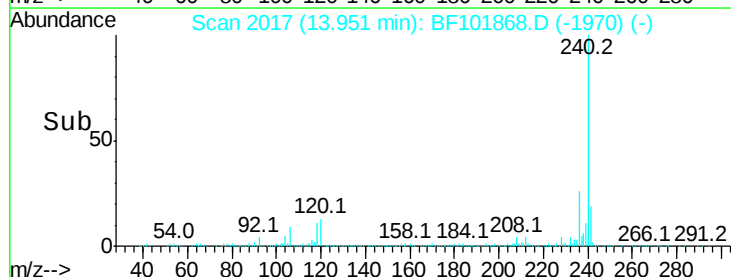
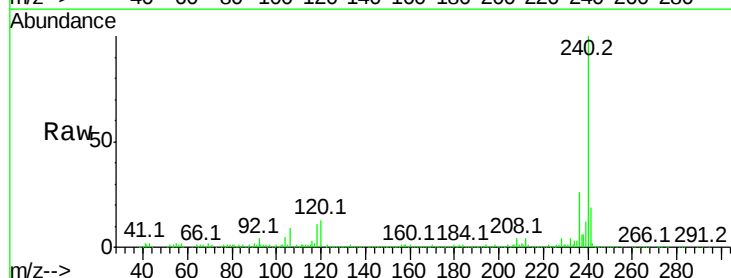
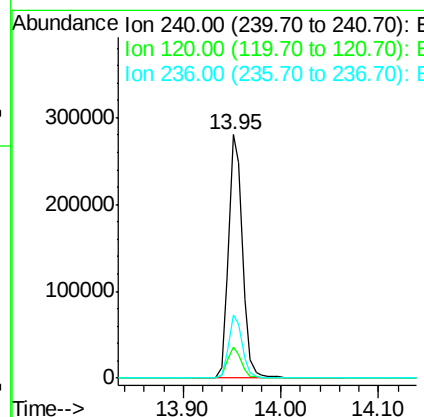
RT: 13.95 min Scan# 2017

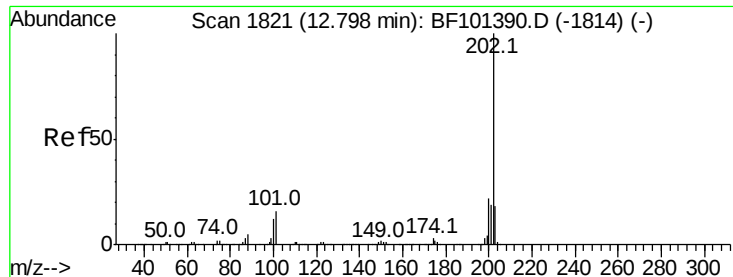
Delta R.T. -0.02 min

Lab File: BF101868.D

Acq: 3 Jan 2018 18:58

Tgt Ion:	240	Resp:	279196
Ion Ratio	Lower	Upper	
240	100		
120	12.7	9.5	14.3
236	25.8	20.7	31.1





#77

Pvrene

Concen: 3.111 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BF101868.D

Acq: 3 Jan 2018 18:58

Instrument :

BNA_F

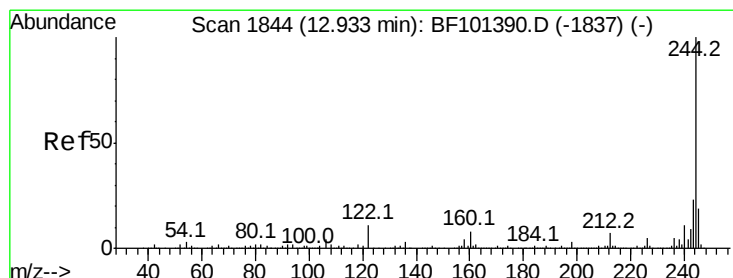
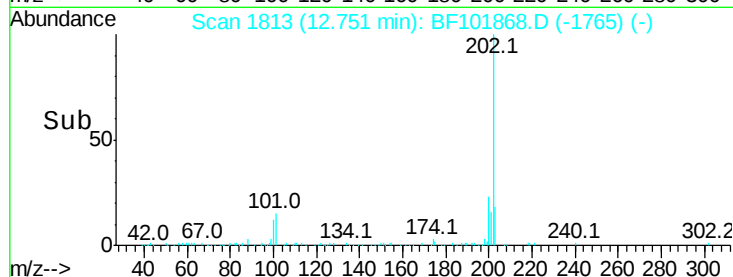
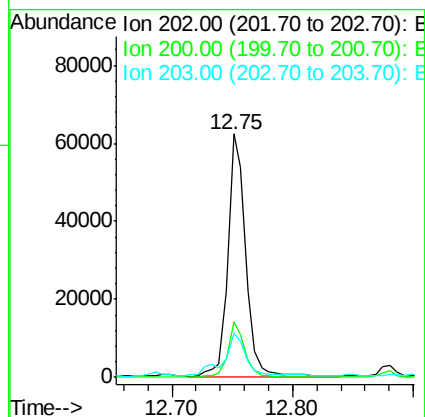
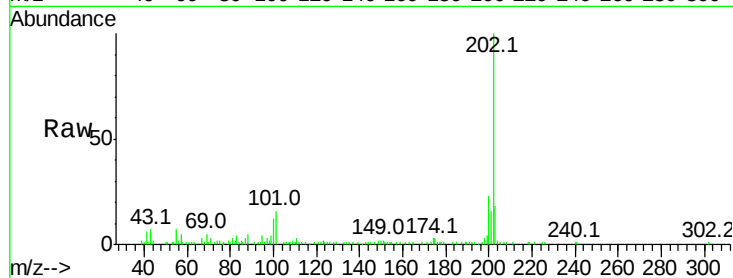
ClientSampled :

RT1500

Tot Ion:	202	Resp:	65191
Ion Ratio	Lower	Upper	
202	100		
200	22.5	17.4	26.2
203	18.1	14.3	21.5

Manual Integrations
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Sohil
1/4/2018 1:56:34 PM



#78

Terphenyl-d14

Concen: 66.646 ng

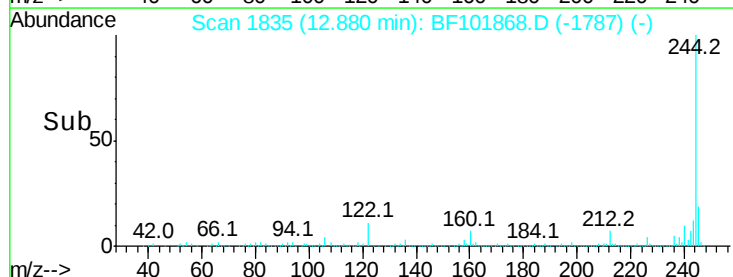
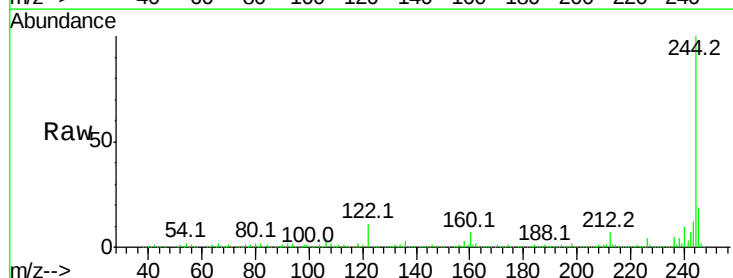
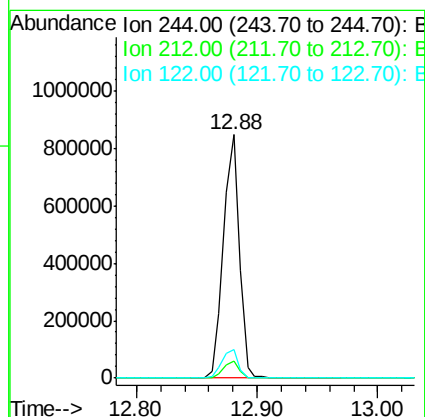
RT: 12.88 min Scan# 1835

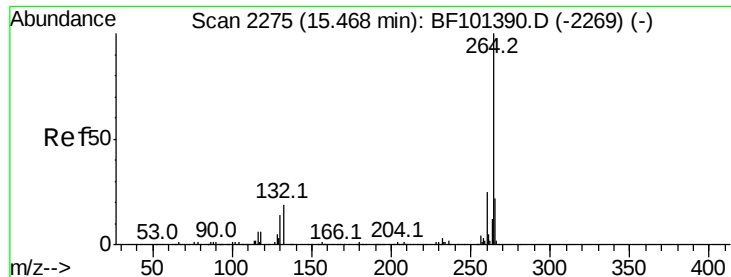
Delta R.T. -0.02 min

Lab File: BF101868.D

Acq: 3 Jan 2018 18:58

Tgt Ion:	244	Resp:	771845
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.4	8.0
122	11.5	11.0	16.4





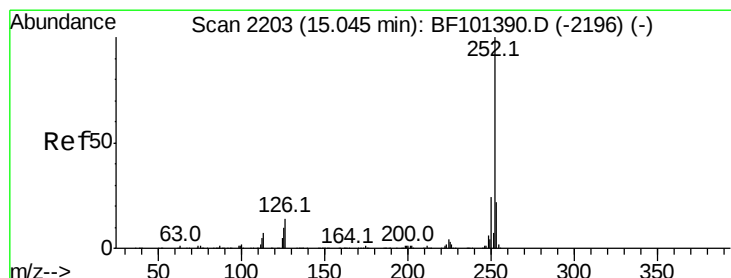
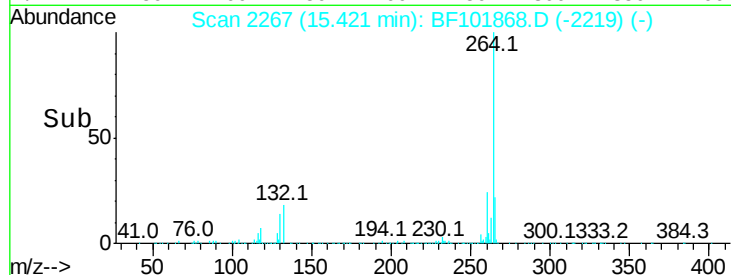
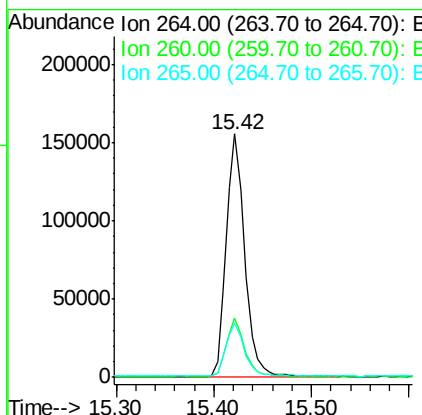
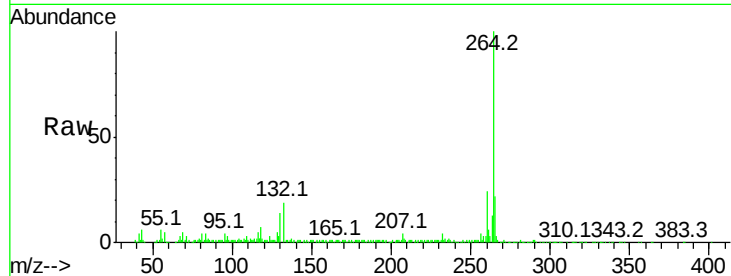
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF101868.D
Acq: 3 Jan 2018 18:58

Instrument :
BNA_F
ClientSampleId :
RT1500

Tot Ion:	264	Resp:	204865
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.2	28.8
265	22.0	17.5	26.3

Manual Integrations
APPROVED

Sohil
1/4/2018 1:56:34 PM



#87
Benzo(b)fluoranthene
Concen: 2.026 ng m
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF101868.D
Acq: 3 Jan 2018 18:58

Tgt Ion:	252	Resp:	25304
Ion Ratio	Lower	Upper	
252	100		
253	27.1	17.0	25.6#
125	24.6	9.0	13.6#

