

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\
 Data File : BF101866.D
 Acq On : 3 Jan 2018 18:05
 Operator : SJ/JU
 Sample : I7105-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT4644

Manual Integrations
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 1/4/2018 1:56:30 PM

Quant Time: Jan 04 03:46:30 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	114567	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	395697	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	145762	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	270475	20.00	ng	-0.02
75) Chrysene-d12	13.96	240	264468	20.00	ng	-0.02
86) Perylene-d12	15.42	264	197540	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	769722	100.08	ng	0.00
7) Phenol-d6	6.42	99	872542	91.16	ng	-0.01
23) Nitrobenzene-d5	7.35	82	493903	69.48	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	138402	98.54	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	714527	76.04	ng	-0.02
78) Terphenyl-d14	12.88	244	687601	62.68	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.44	94	35434	3.248	ng	# 62
49) Dimethylphthalate	9.53	163	59666	5.089	ng	98
51) Acenaphthene	9.84	154	29989	3.195	ng	97
70) Phenanthrene	11.33	178	72426	4.815	ng	98
71) Anthracene	11.39	178	40576m	2.641	ng	
74) Fluoranthene	12.52	202	137870	8.732	ng	96
77) Pyrene	12.75	202	134633	6.783	ng	97
80) Benzo(a)anthracene	13.95	228	35809m	2.051	ng	
82) Chrysene	13.98	228	40720m	2.470	ng	
87) Benzo(b)fluoranthene	15.00	252	35015m	2.908	ng	

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

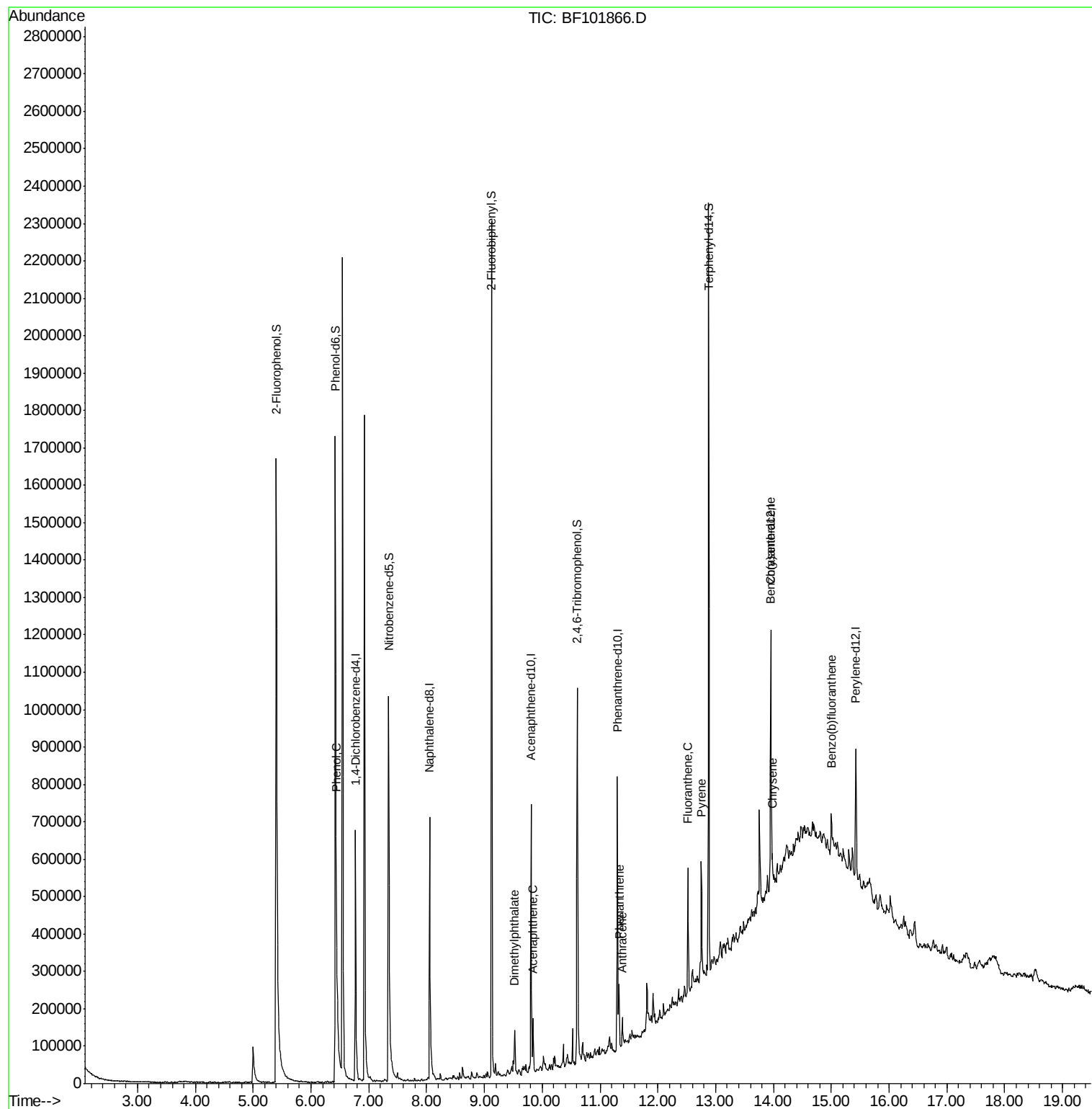
Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\
Data File : BF101866.D
Acq On : 3 Jan 2018 18:05
Operator : SJ/JU
Sample : I7105-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

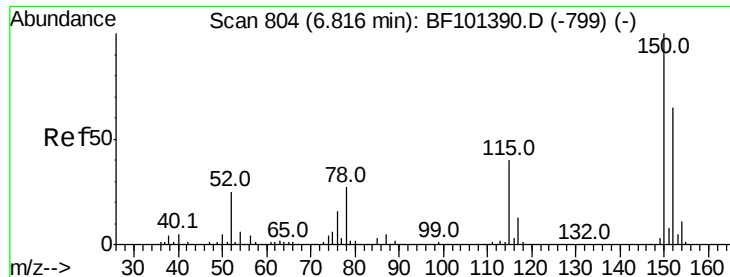
Instrument :
BNA_F
ClientSampleId :
RT4644

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Quant Time: Jan 04 03:46:30 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





#1

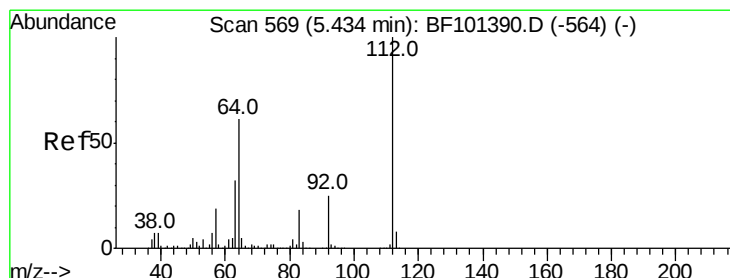
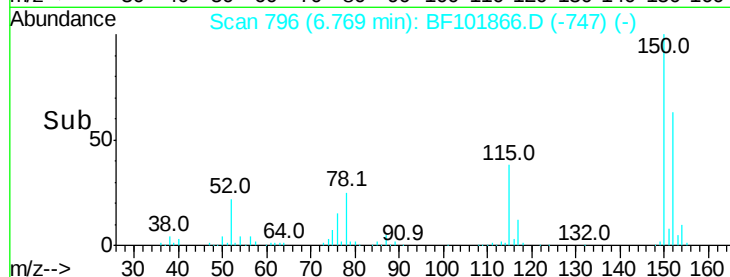
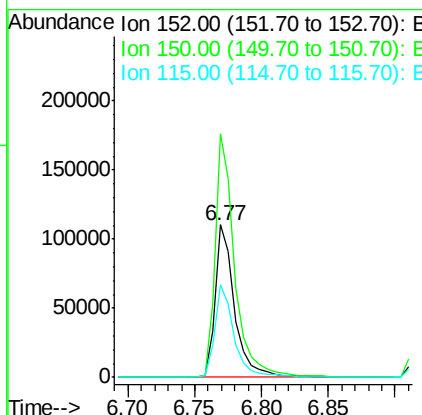
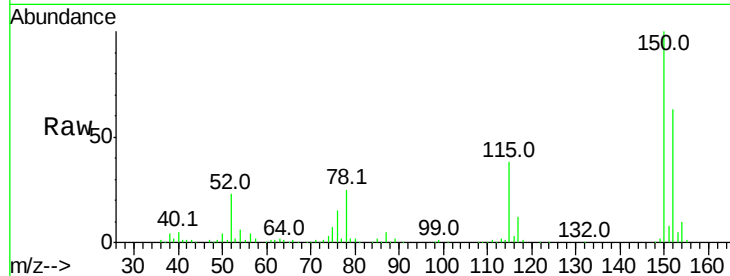
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF101866.D
 Acq: 3 Jan 2018 18:05

Instrument :
 BNA_F
 ClientSampleId :
 RT4644

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.6	186.8
115	60.9	50.1	75.1

Manual Integrations
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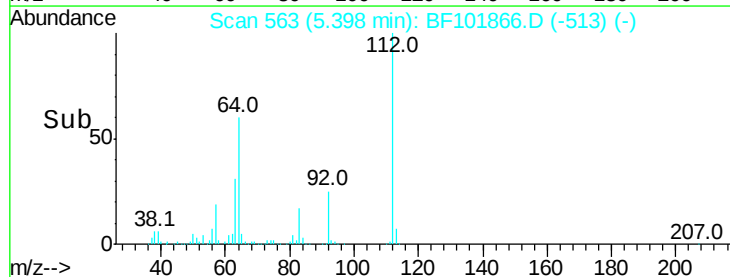
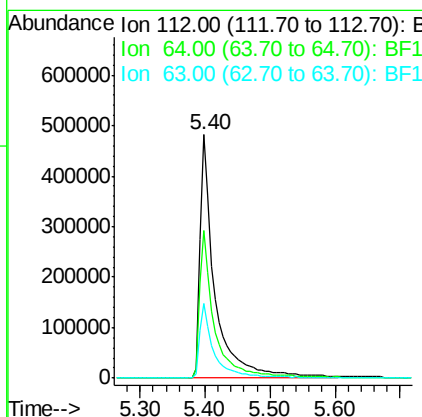
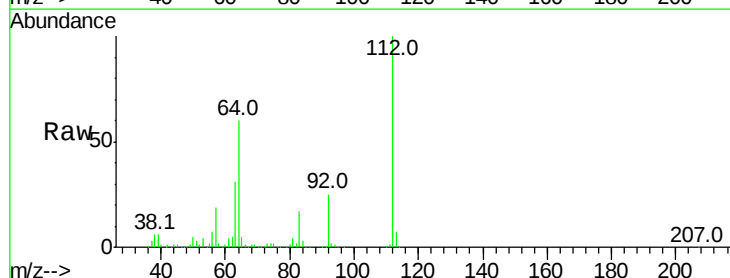
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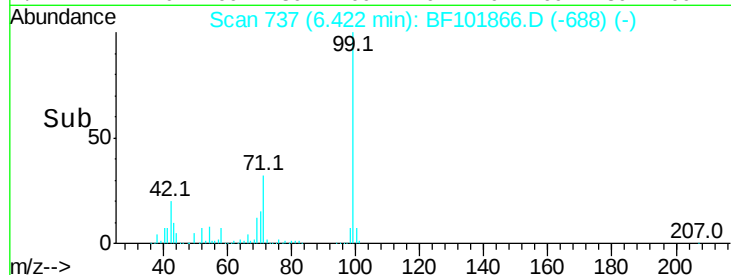
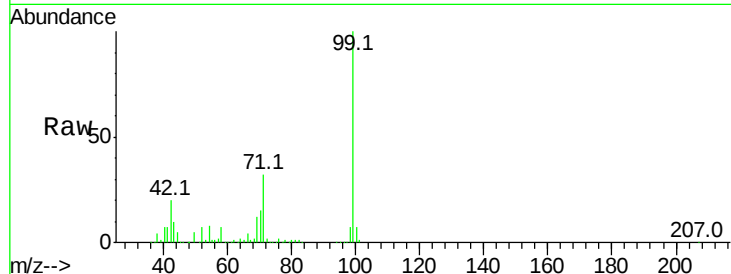
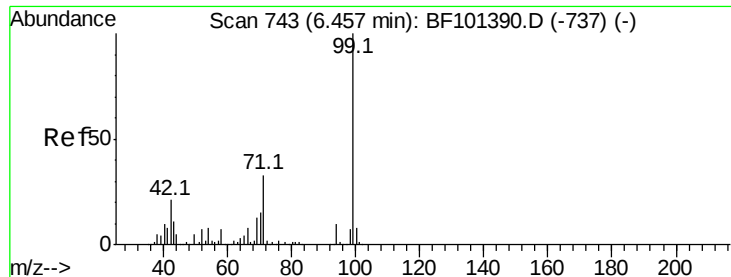


#5

2-Fluorophenol
 Concen: 100.078 ng
 RT: 5.40 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: BF101866.D
 Acq: 3 Jan 2018 18:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.5	47.9	71.9
63	30.5	23.7	35.5





#7

Phenol-d6

Concen: 91.155 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF101866.D

Acq: 3 Jan 2018 18:05

Tot Ion:	99	Resp:	872542
Ion Ratio	Lower	Upper	
99	100		
42	19.8	14.5	21.7
71	32.3	25.4	38.0

Instrument :

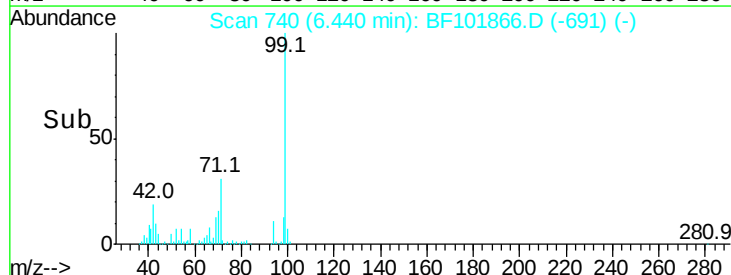
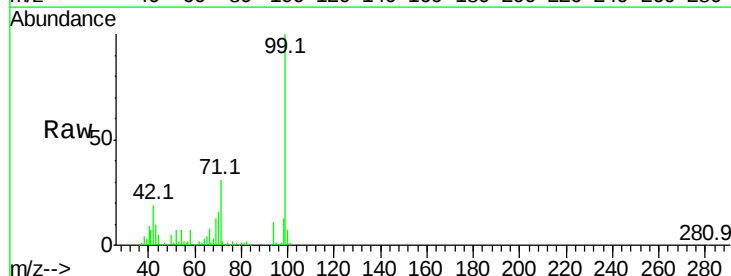
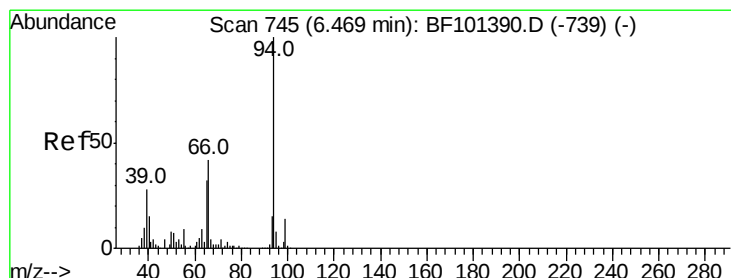
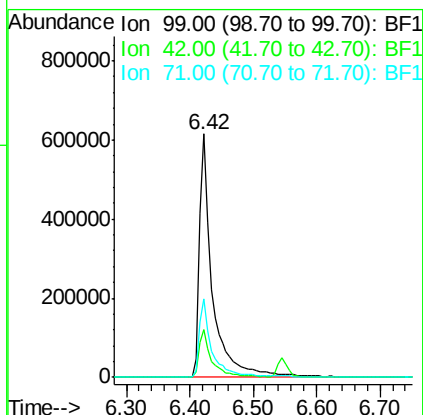
BNA_F

ClientSampleId :

RT4644

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#10

Phenol

Concen: 3.248 ng

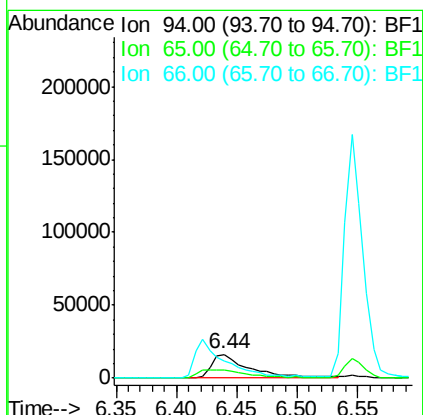
RT: 6.44 min Scan# 740

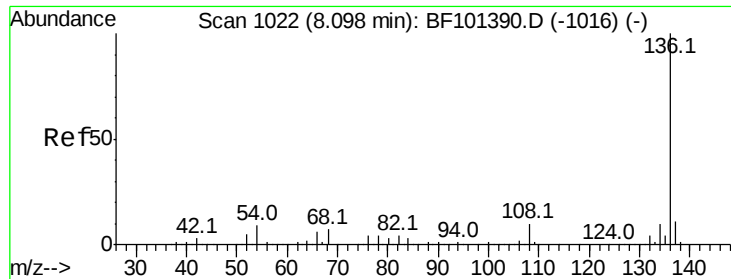
Delta R.T. -0.01 min

Lab File: BF101866.D

Acq: 3 Jan 2018 18:05

Tgt Ion:	94	Resp:	35434
Ion Ratio	Lower	Upper	
94	100		
65	33.9	7.9	47.9
66	70.3	16.2	56.2#





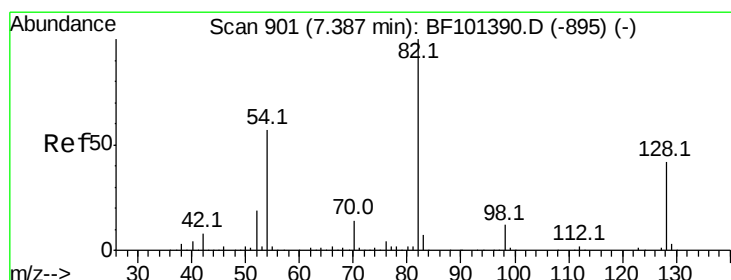
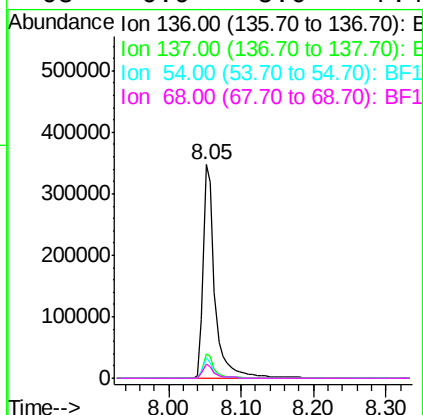
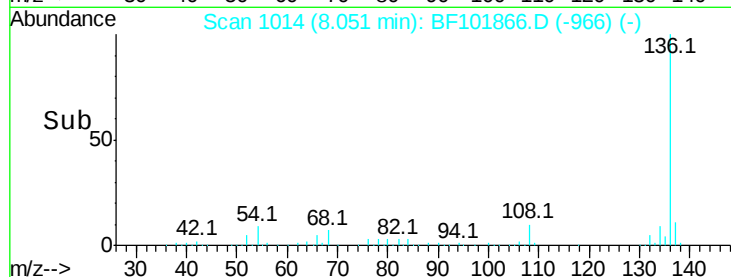
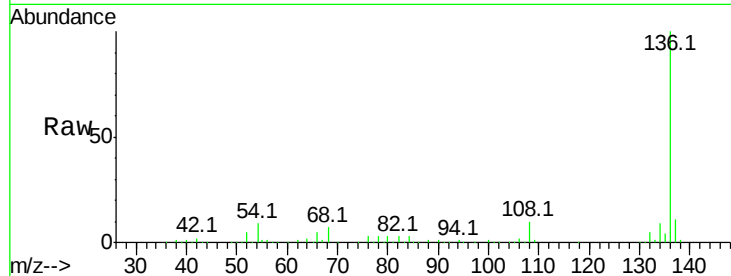
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF101866.D
Acq: 3 Jan 2018 18:05

Instrument :
BNA_F
ClientSampleId :
RT4644

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	

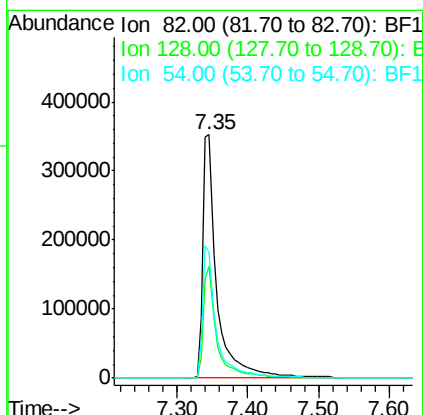
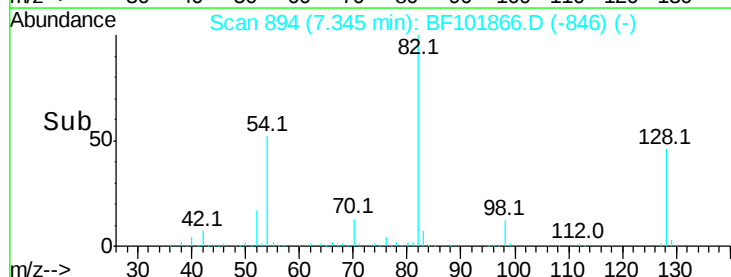
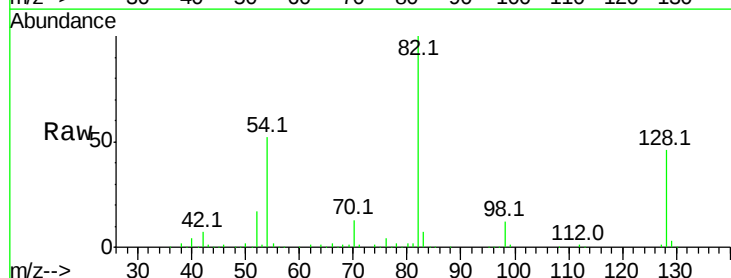
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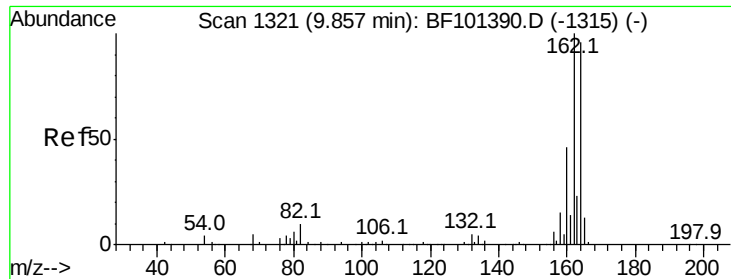
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#23
Nitrobenzene-d5
Concen: 69.481 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.02 min
Lab File: BF101866.D
Acq: 3 Jan 2018 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.9	36.1	54.1	
54	51.8	41.4	62.2	





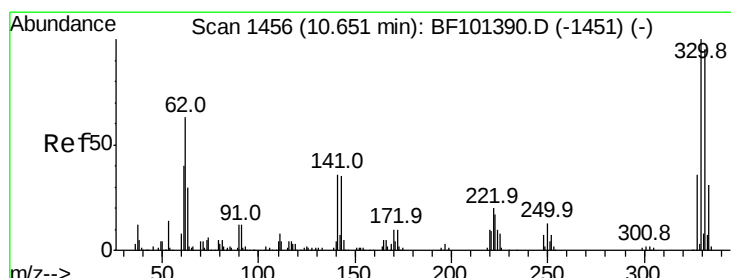
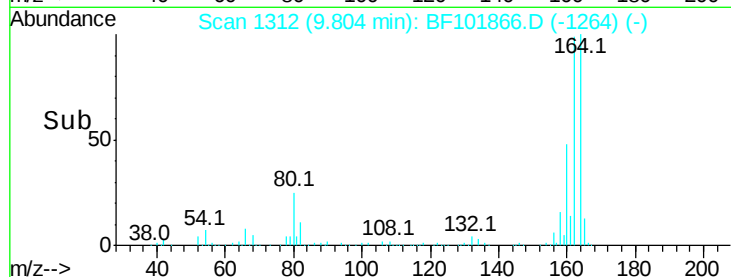
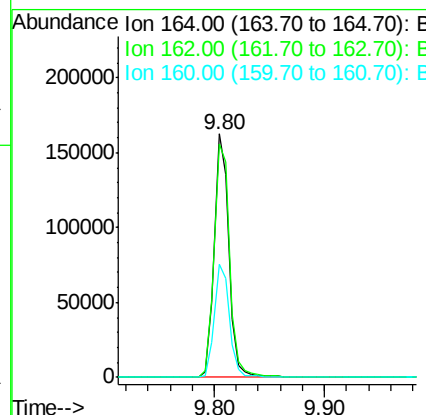
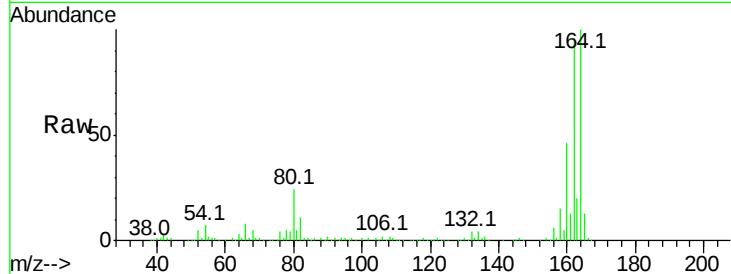
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BF101866.D
Acq: 3 Jan 2018 18:05

Instrument :
BNA_F
ClientSampleId :
RT4644

Tot Ion	Ratio	Resp	Lower	Upper
164	100	145762		
162	96.0		86.1	129.1
160	46.4		38.3	57.5

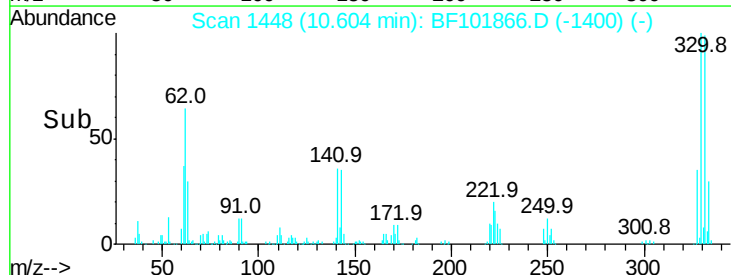
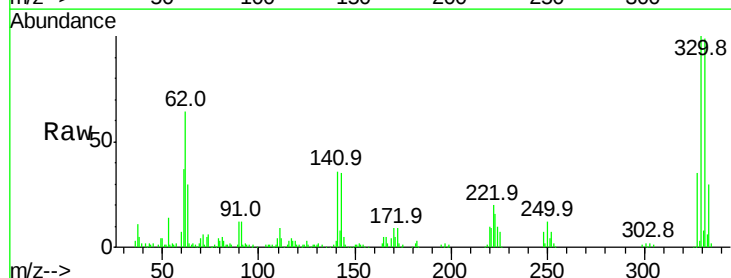
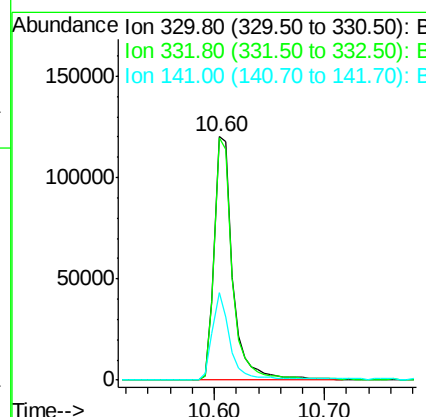
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#41
2,4,6-Tribromophenol
Concen: 98.540 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.02 min
Lab File: BF101866.D
Acq: 3 Jan 2018 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	138402		
332	97.5		77.0	115.6
141	32.6		29.9	44.9





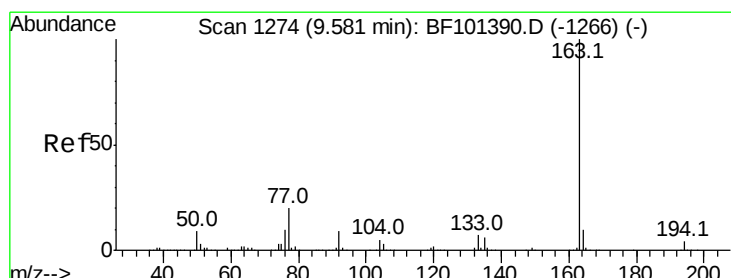
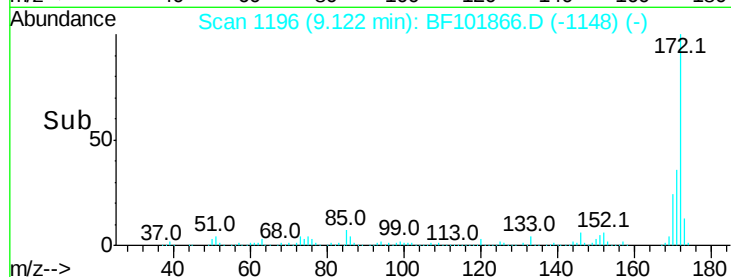
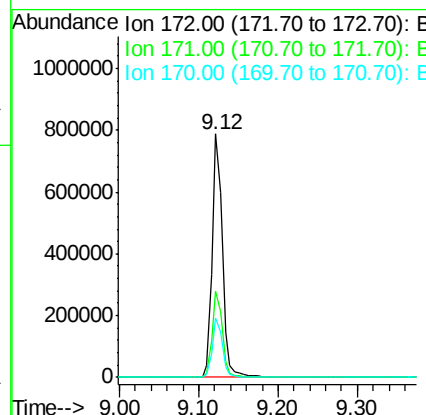
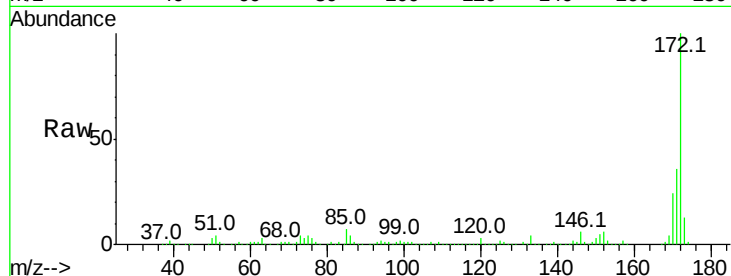
#44
2-Fluorobiphenyl
Concen: 76.042 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BF101866.D
Acq: 3 Jan 2018 18:05

Instrument :
BNA_F
ClientSampled :
RT4644

Tot Ion	Ratio	Resp	Lower	Upper
172	100	714527		
171	35.6		29.7	44.5
170	24.2		19.6	29.4

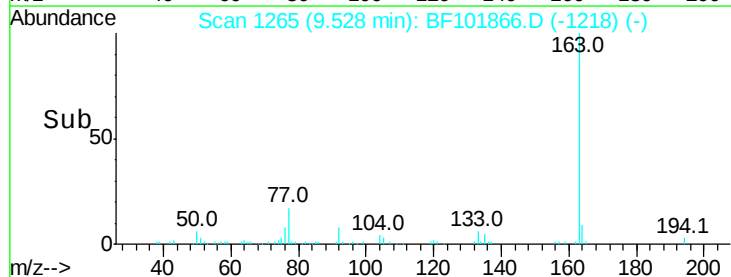
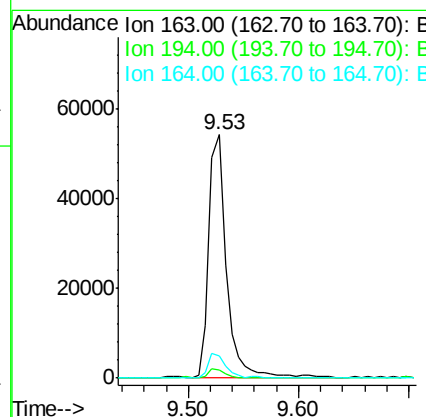
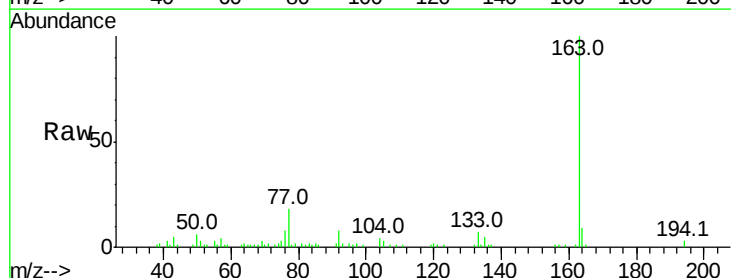
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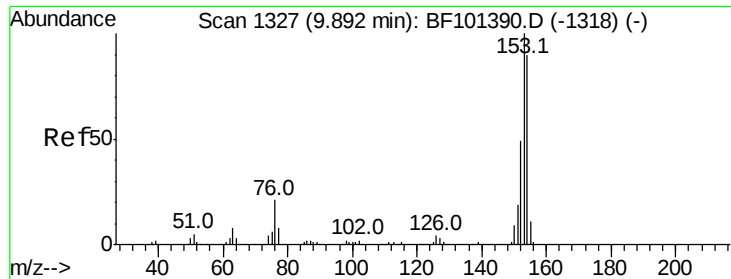
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#49
Dimethylphthalate
Concen: 5.089 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF101866.D
Acq: 3 Jan 2018 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	59666		
194	3.2		2.7	4.1
164	9.3		8.2	12.2





#51

Acenaphthene

Concen: 3.195 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.02 min

Lab File: BF101866.D

Acq: 3 Jan 2018 18:05

Instrument :

BNA_F

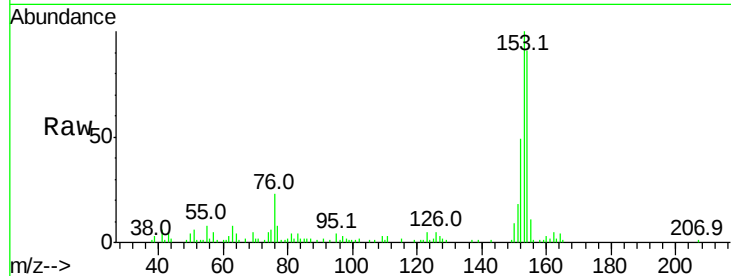
ClientSampleId :

RT4644

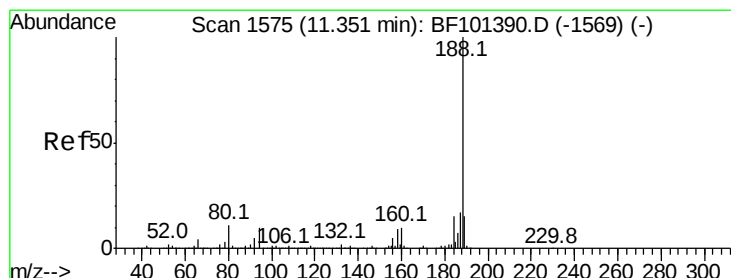
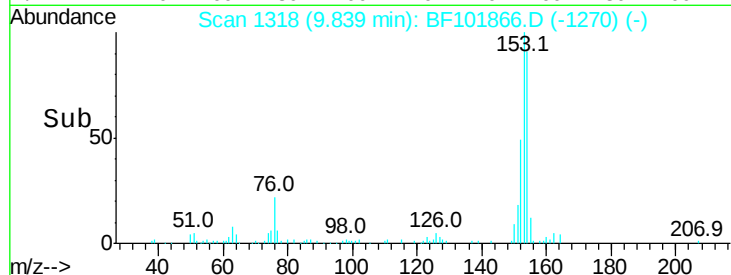
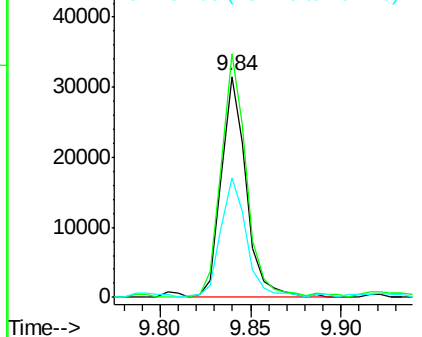
Tot Ion:	154	Resp:	29989
Ion	Ratio	Lower	Upper
154	100		
153	110.1	91.2	136.8
152	54.1	43.8	65.8

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1566

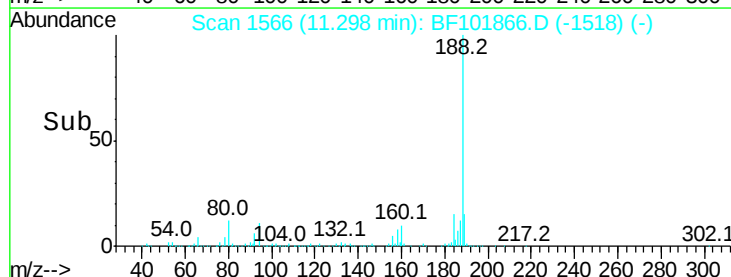
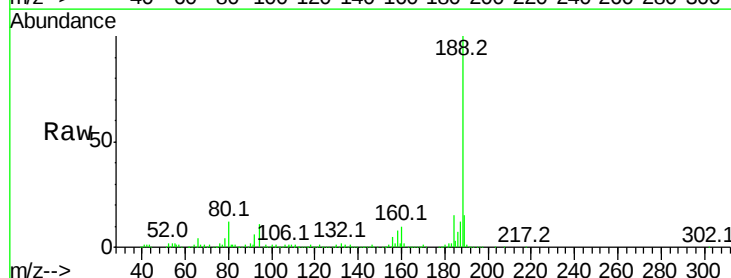
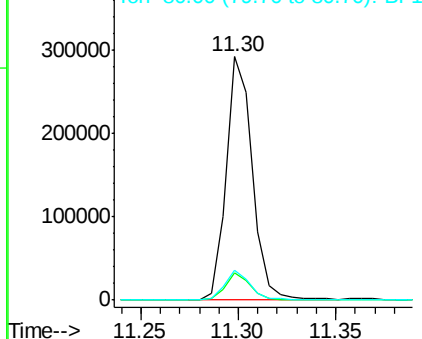
Delta R.T. -0.02 min

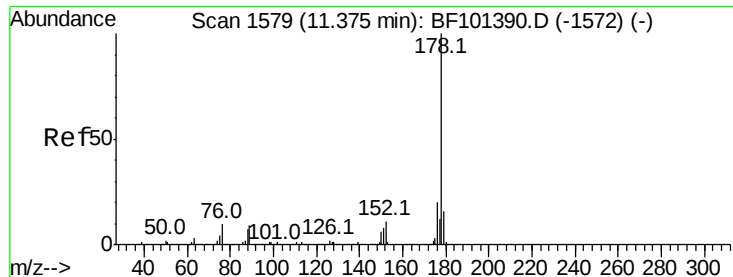
Lab File: BF101866.D

Acq: 3 Jan 2018 18:05

Tgt Ion:	188	Resp:	270475
Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.5	12.7
80	12.3	9.2	13.8

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





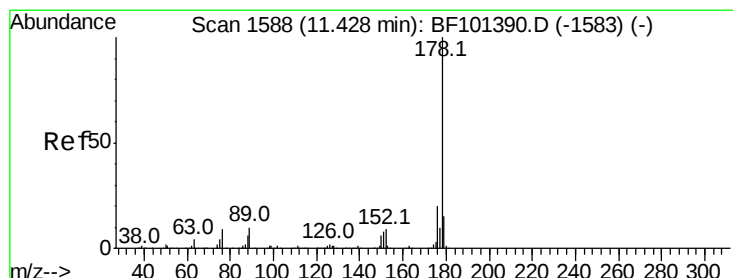
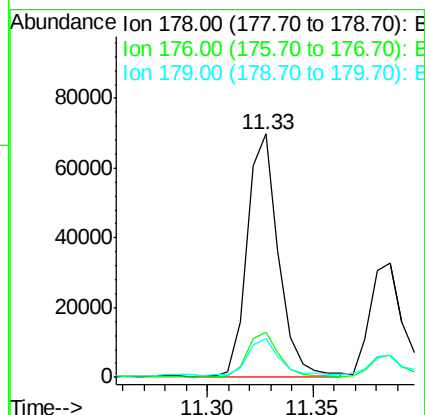
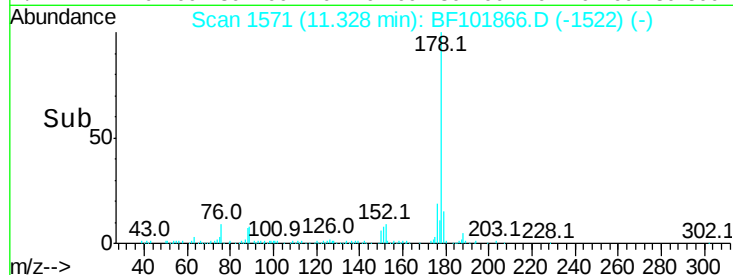
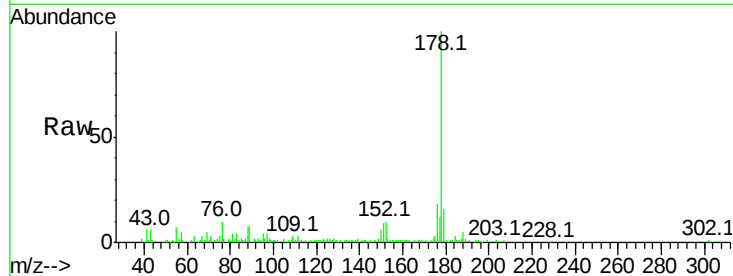
#70
Phenanthrene
Concen: 4.815 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF101866.D
Acq: 3 Jan 2018 18:05

Instrument :
BNA_F
ClientSampleId :
RT4644

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	16.0	13.0	19.6

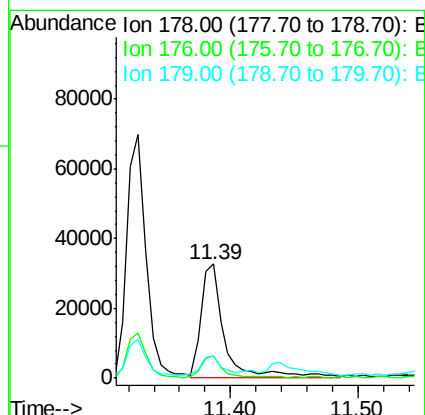
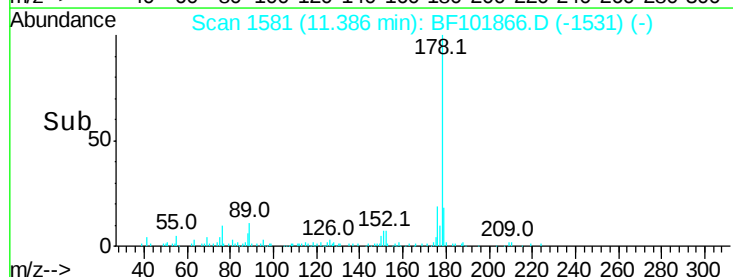
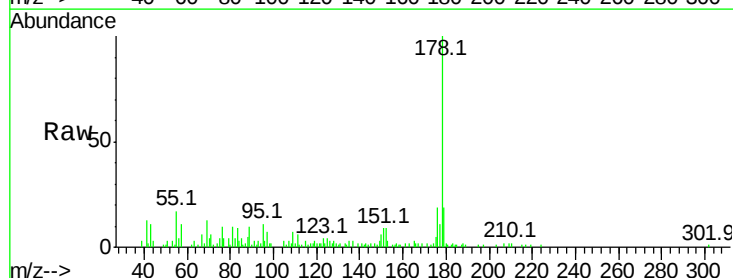
Manual Integrations
APPROVED

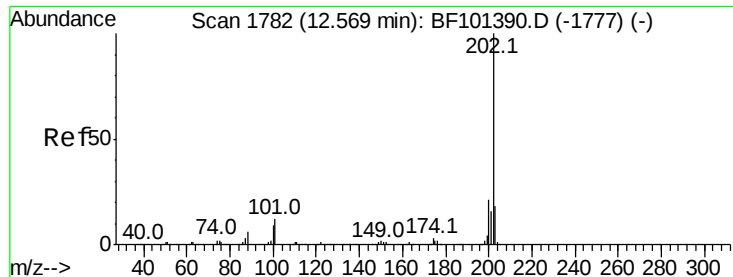
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#71
Anthracene
Concen: 2.641 ng m
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF101866.D
Acq: 3 Jan 2018 18:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	19.0	12.6	19.0#





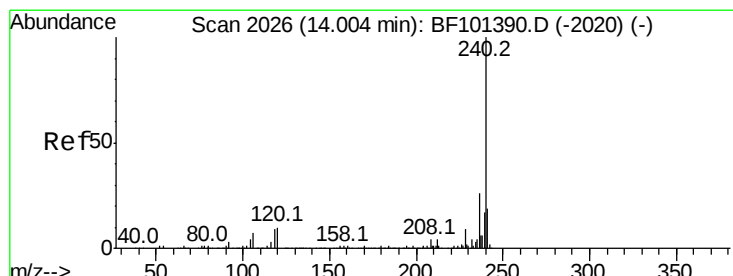
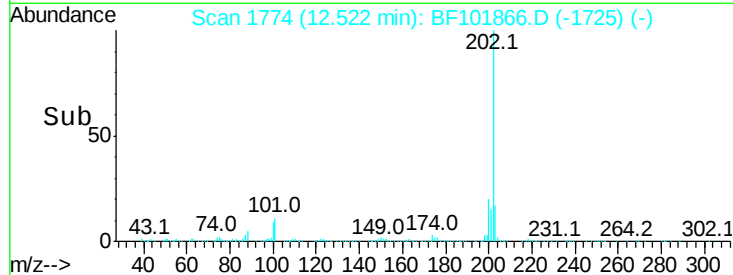
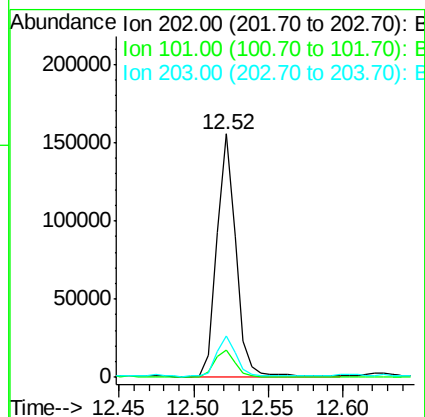
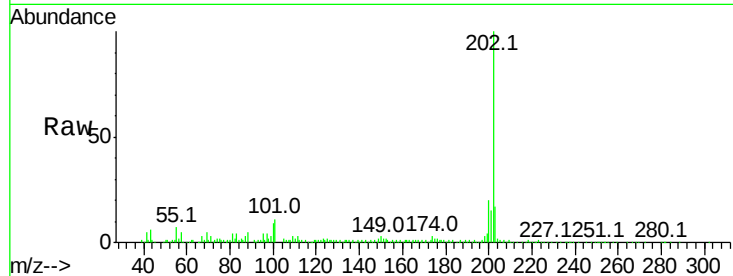
#74
 Fluoranthene
 Concen: 8.732 ng
 RT: 12.52 min Scan# 1774
 Delta R.T. -0.01 min
 Lab File: BF101866.D
 Acq: 3 Jan 2018 18:05

Instrument :
 BNA_F
 ClientSampleId :
 RT4644

Tot Ion:	202	Resp:	137870
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	34.1
203	17.1	0.0	38.1

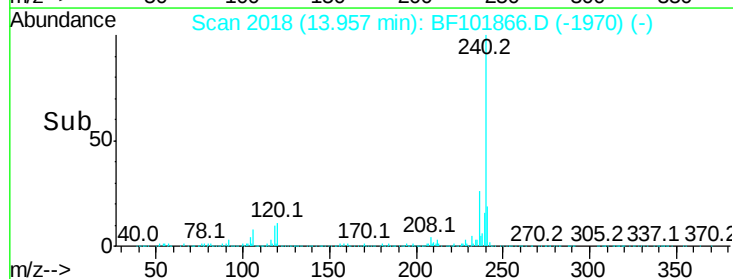
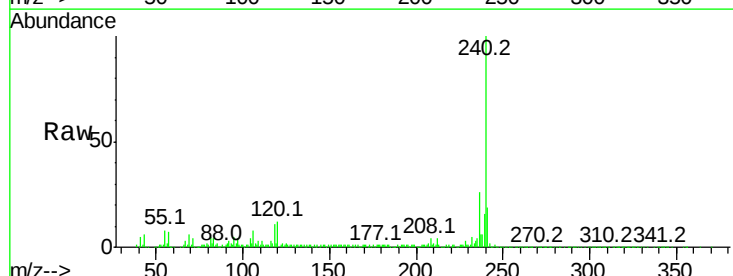
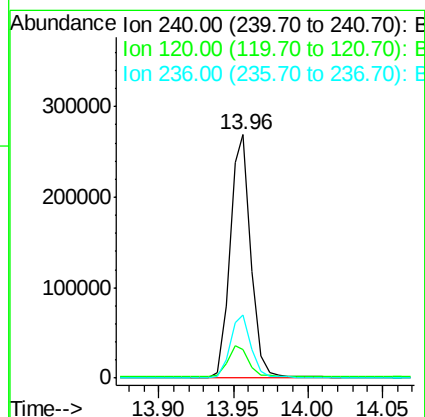
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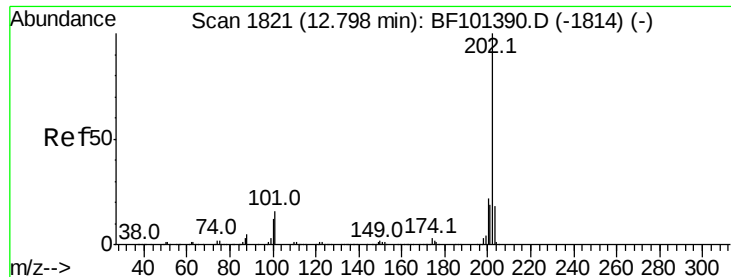
Sohil
 1/4/2018 1:56:30 PM



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.02 min
 Lab File: BF101866.D
 Acq: 3 Jan 2018 18:05

Tgt Ion:	240	Resp:	264468
Ion Ratio	Lower	Upper	
240	100		
120	11.7	9.5	14.3
236	26.1	20.7	31.1





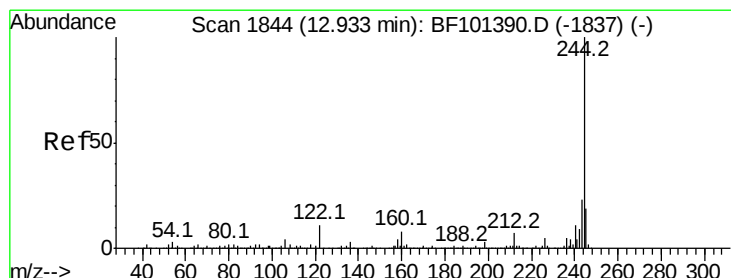
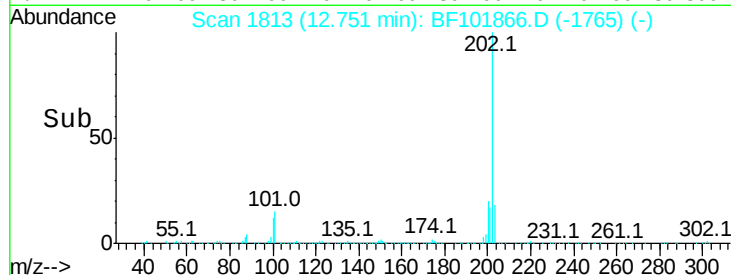
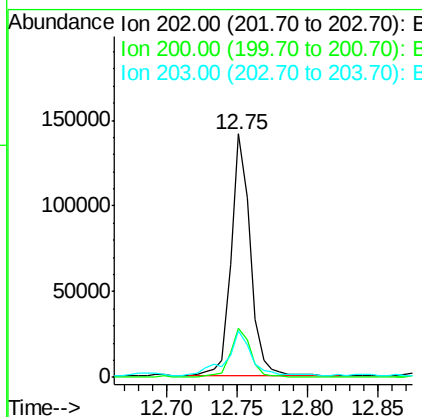
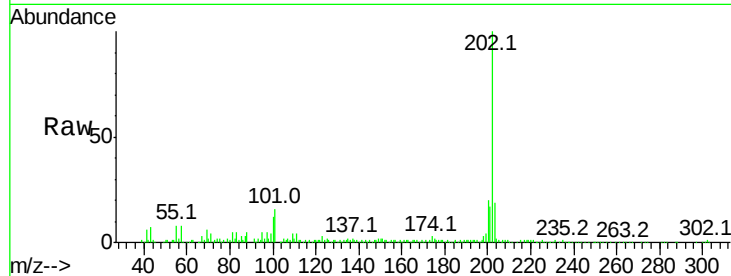
#77
Pvrene
Concen: 6.783 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF101866.D
Acq: 3 Jan 2018 18:05

Instrument :
BNA_F
ClientSampleId :
RT4644

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.4	26.2
203	19.1	14.3	21.5

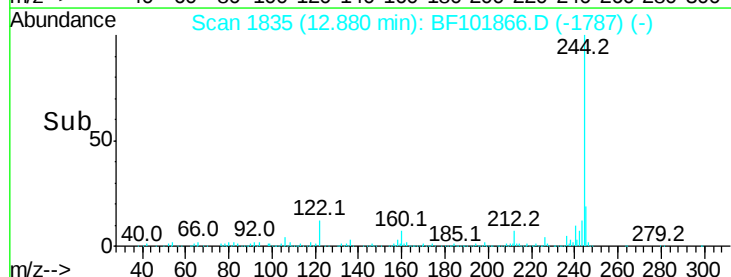
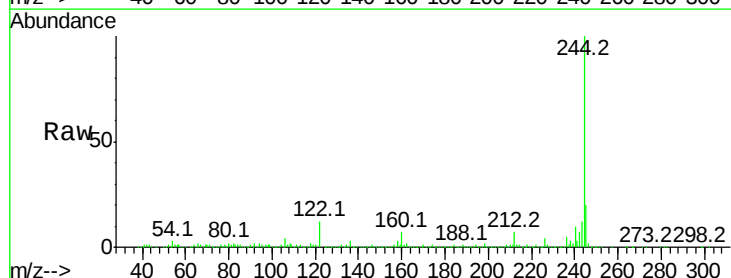
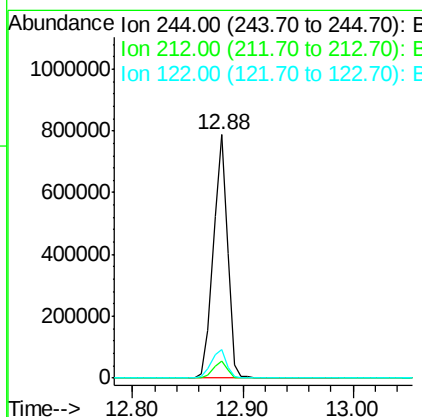
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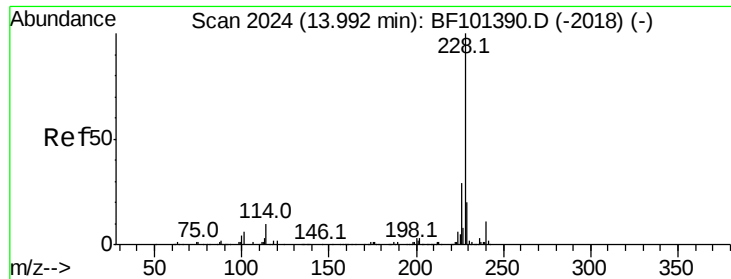
Sohil
1/4/2018 1:56:30 PM



#78
Terphenyl-d14
Concen: 62.679 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BF101866.D
Acq: 3 Jan 2018 18:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.8	11.0	16.4





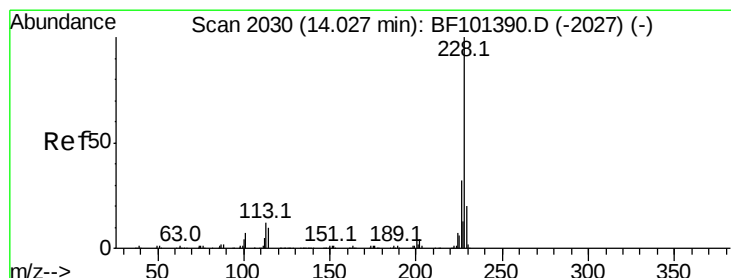
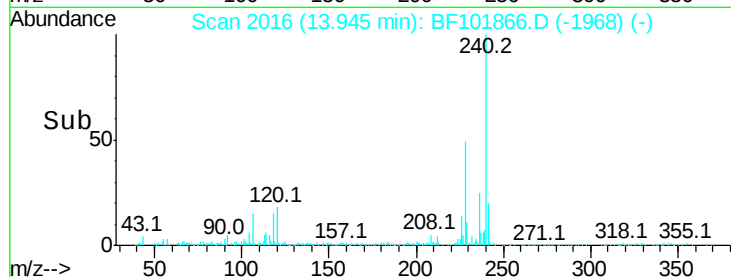
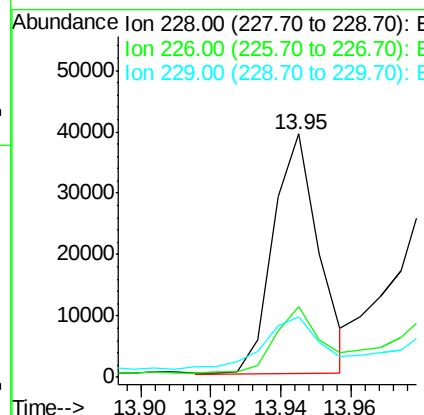
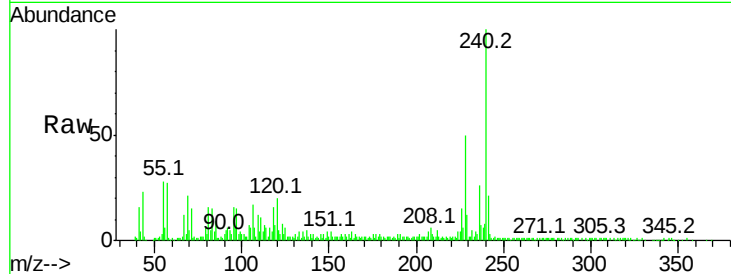
#80
Benzo(a)anthracene
Concen: 2.051 ng m
RT: 13.95 min Scan# 2016
Delta R.T. -0.02 min
Lab File: BF101866.D
Acq: 3 Jan 2018 18:05

Instrument :
BNA_F
ClientSampled :
RT4644

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	33.8
229	24.7	15.8	23.6

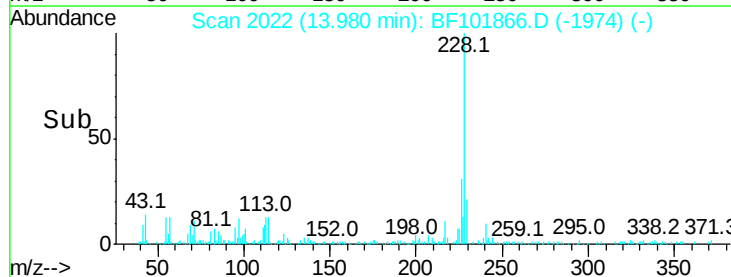
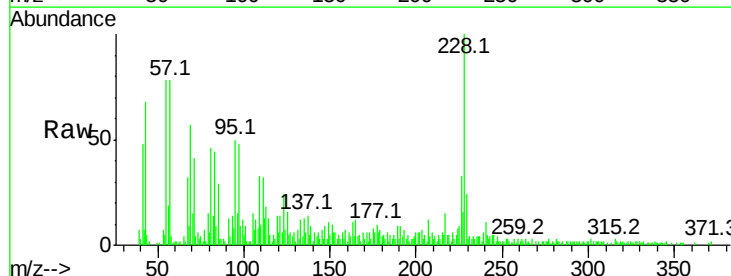
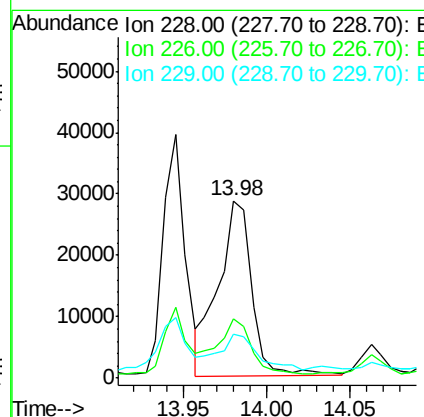
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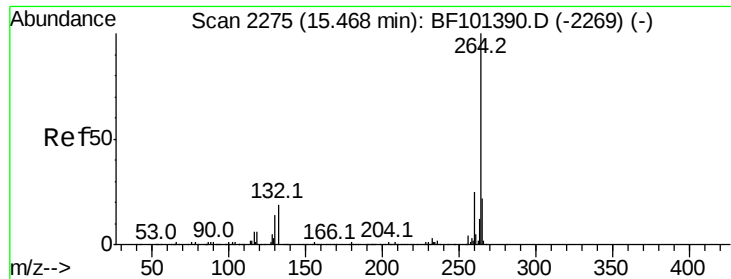
Sohil
1/4/2018 1:56:30 PM



#82
Chrysene
Concen: 2.470 ng m
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF101866.D
Acq: 3 Jan 2018 18:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.2	25.0	37.6
229	24.4	16.2	24.4





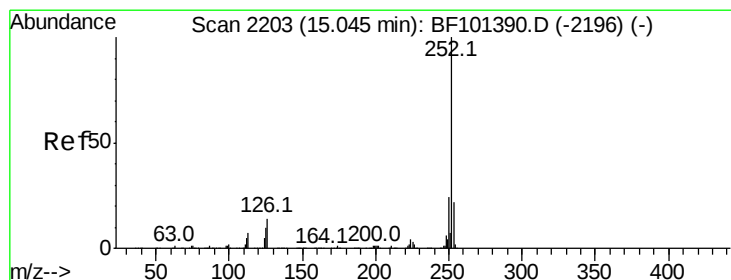
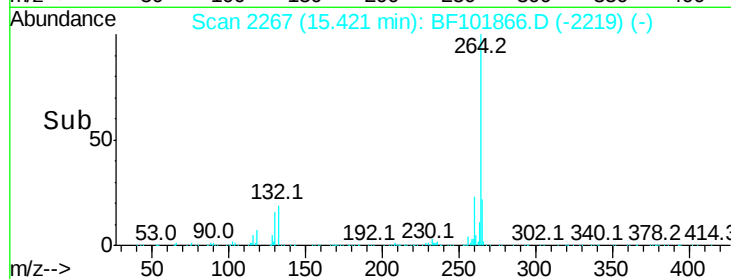
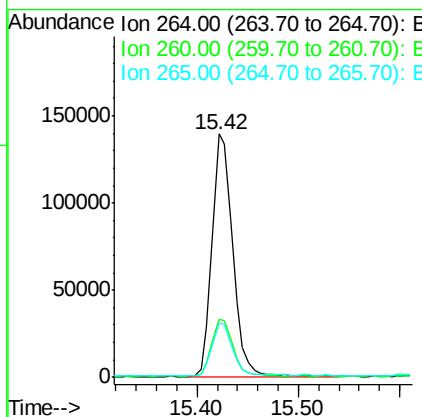
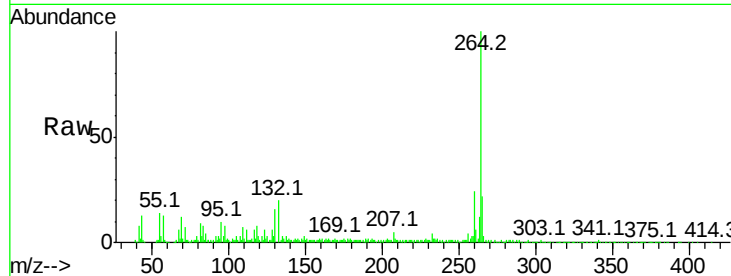
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF101866.D
Acq: 3 Jan 2018 18:05

Instrument :
BNA_F
ClientSampleId :
RT4644

Tot Ion:	264	Resp:	197540
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.2	28.8
265	22.3	17.5	26.3

Manual Integrations
APPROVED

Sohil
1/4/2018 1:56:30 PM



#87
Benzo(b)fluoranthene
Concen: 2.908 ng m
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF101866.D
Acq: 3 Jan 2018 18:05

Tgt Ion:	252	Resp:	35015
Ion Ratio	Lower	Upper	
252	100		
253	27.6	17.0	25.6#
125	35.3	9.0	13.6#

