

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\
 Data File : BF101876.D
 Acq On : 3 Jan 2018 22:32
 Operator : SJ/JU
 Sample : J1004-12 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

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

Quant Time: Jan 04 04:20:55 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	124948	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	443269	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	164943	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	295218	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	275722	20.00	ng	-0.02
86) Perylene-d12	15.42	264	211310	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	446005	53.17	ng	0.00
7) Phenol-d6	6.42	99	535207	51.27	ng	-0.01
23) Nitrobenzene-d5	7.35	82	302689	38.01	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	76940	48.41	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	406585	38.24	ng	-0.02
78) Terphenyl-d14	12.87	244	337816	29.54	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.53	163	34032	2.565	ng	98
74) Fluoranthene	12.52	202	55953	3.247	ng	99
77) Pyrene	12.75	202	53162	2.569	ng	98
87) Benzo(b)fluoranthene	15.00	252	29099m	2.259	ng	

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

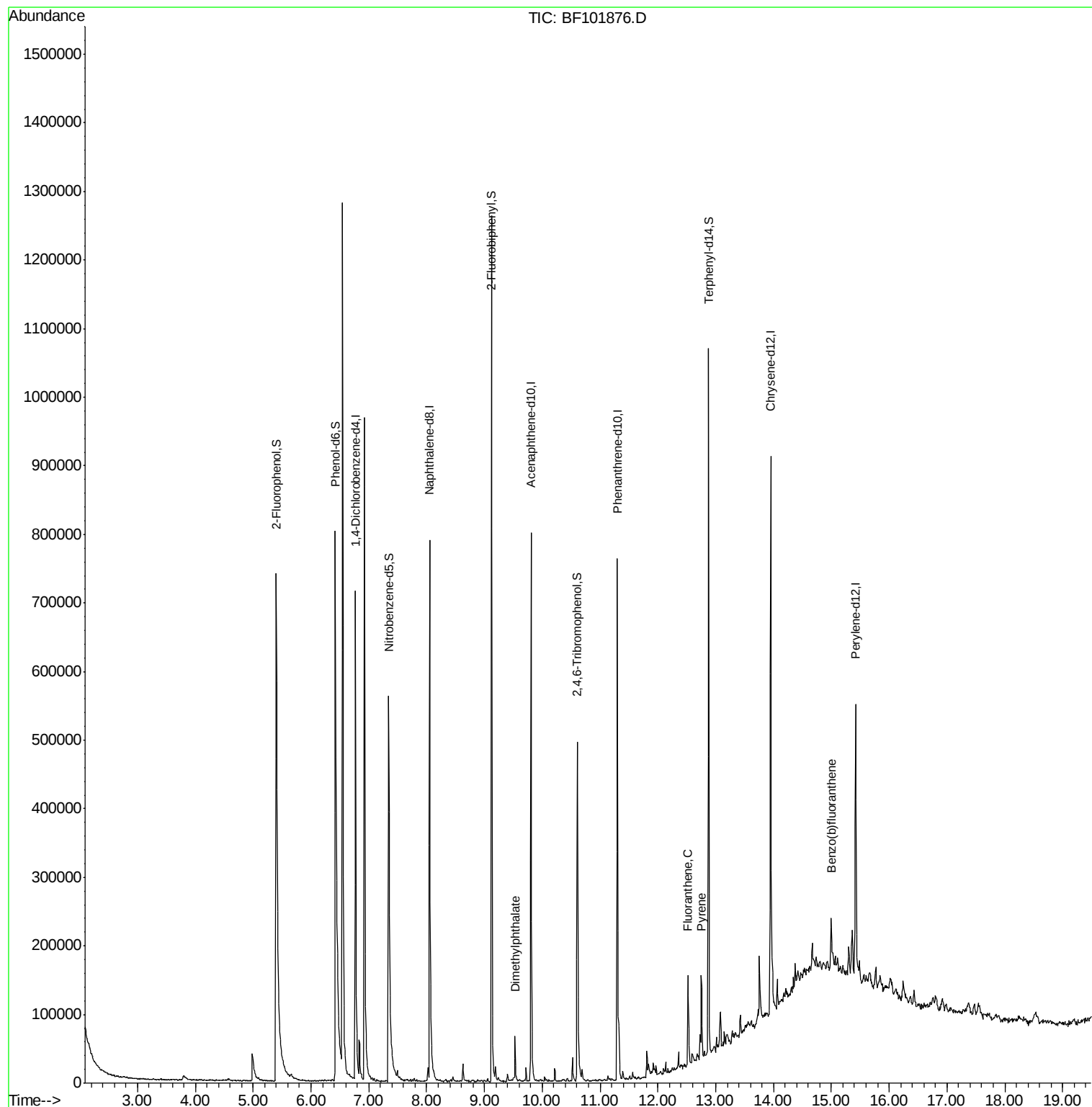
Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\
Data File : BF101876.D
Acq On : 3 Jan 2018 22:32
Operator : SJ/JU
Sample : J1004-12 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

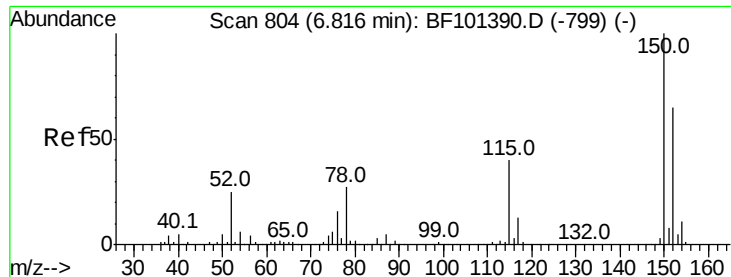
Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

Quant Time: Jan 04 04:20:55 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

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#1

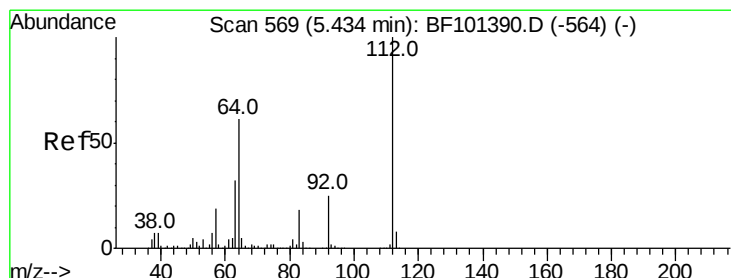
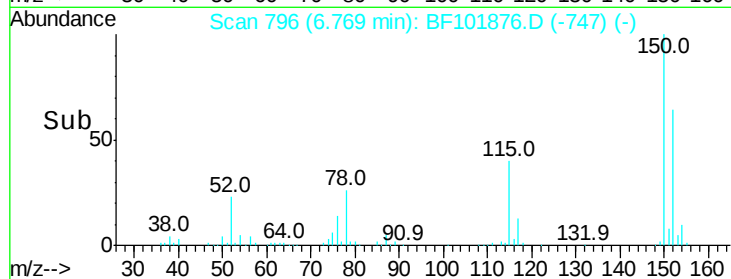
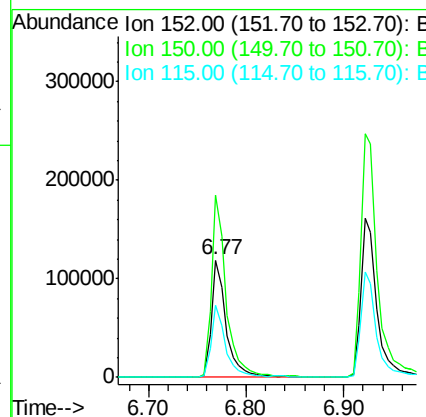
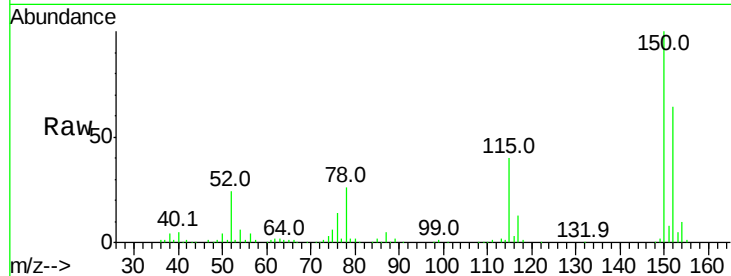
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF101876.D
Acq: 3 Jan 2018 22:32

Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	61.9	50.1	75.1

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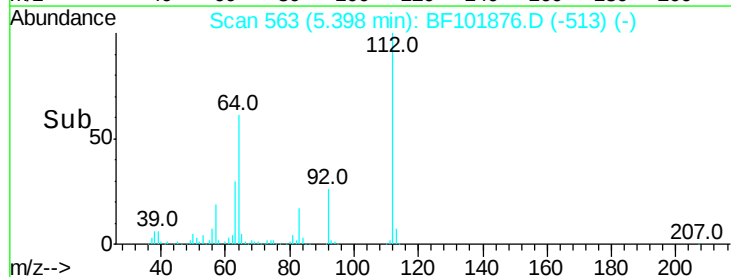
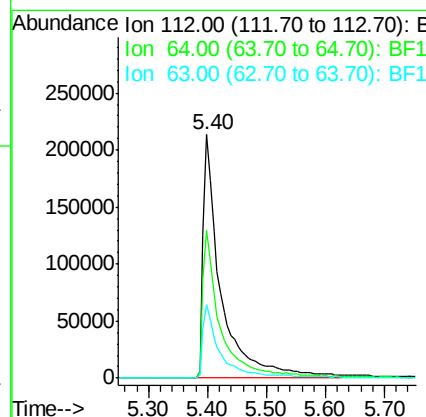
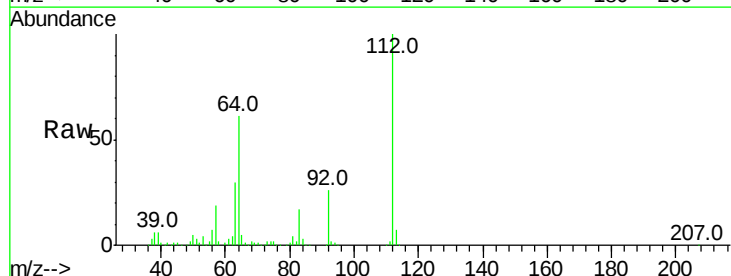
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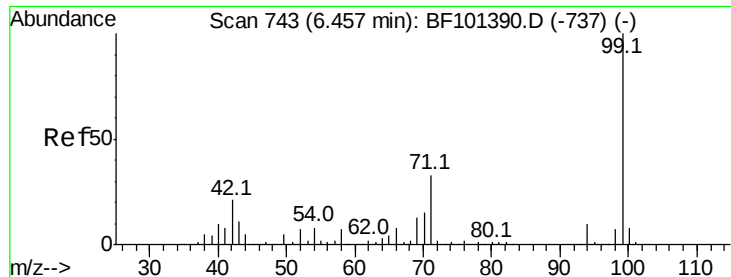


#5

2-Fluorophenol
Concen: 53.171 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF101876.D
Acq: 3 Jan 2018 22:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.7	47.9	71.9
63	30.2	23.7	35.5





#7

Phenol-d6

Concen: 51.268 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF101876.D

Acq: 3 Jan 2018 22:32

Instrument :

BNA_F

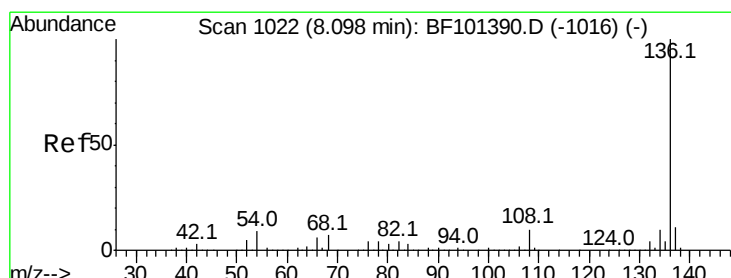
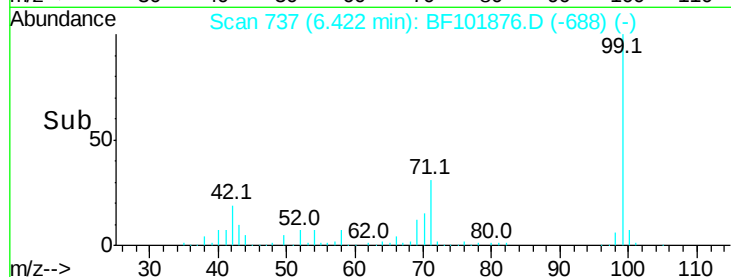
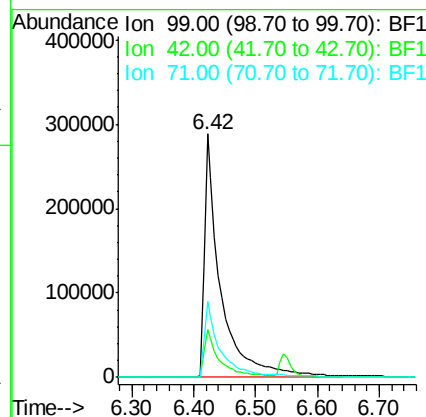
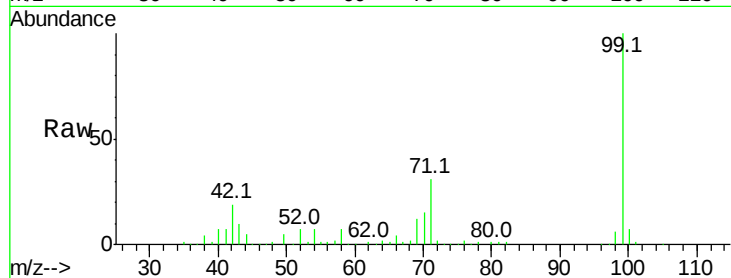
ClientSampleId :

SB-15-COMP

Tot Ion:	99	Resp:	535207
Ion Ratio	Lower	Upper	
99	100		
42	19.5	14.5	21.7
71	31.0	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

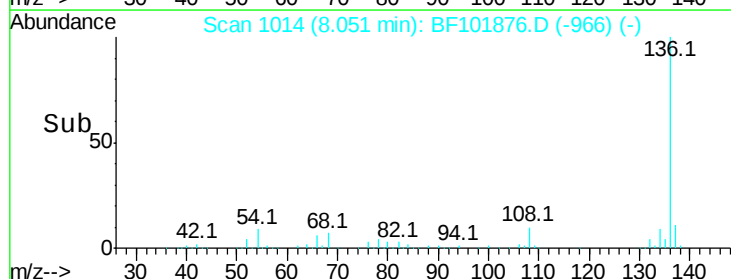
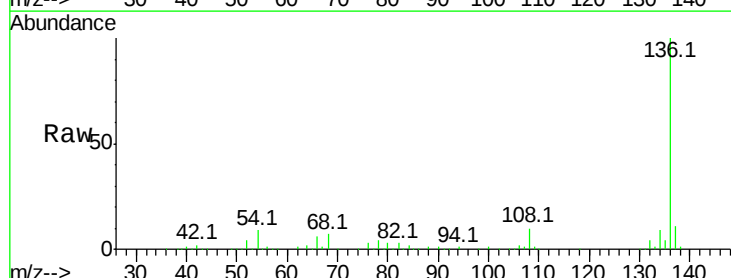
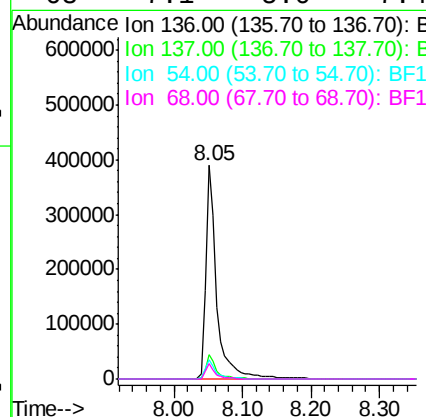
RT: 8.05 min Scan# 1014

Delta R.T. -0.02 min

Lab File: BF101876.D

Acq: 3 Jan 2018 22:32

Tgt Ion:	136	Resp:	443269
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.9	13.3
54	9.2	6.6	9.8
68	7.1	5.0	7.4





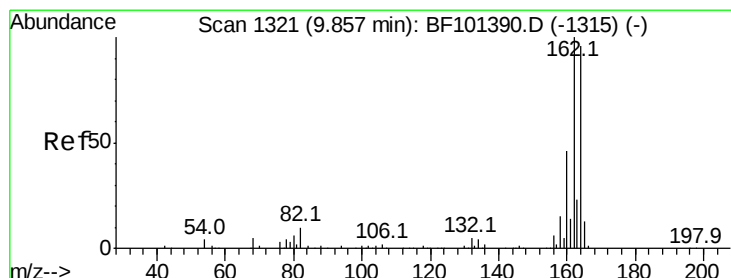
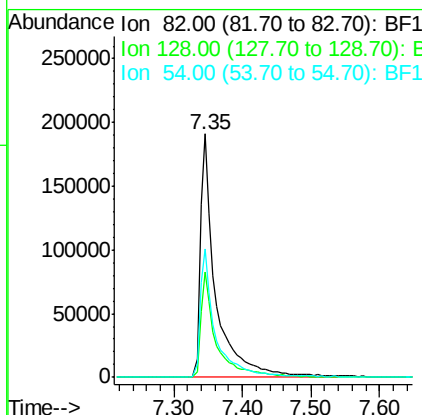
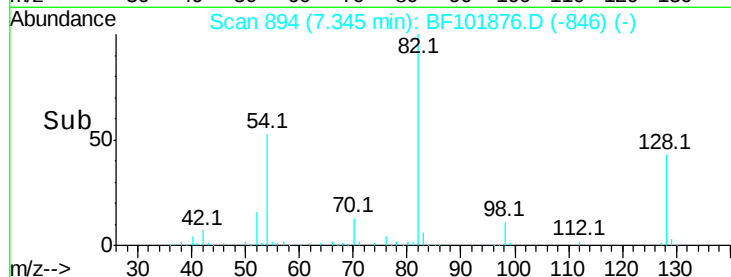
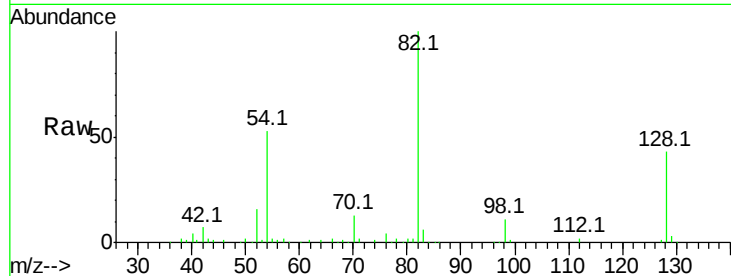
#23
Nitrobenzene-d5
Concen: 38.012 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.02 min
Lab File: BF101876.D
Acq: 3 Jan 2018 22:32

Instrument :
BNA_F
ClientSampled :
SB-15-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.2	36.1	54.1
54	52.8	41.4	62.2

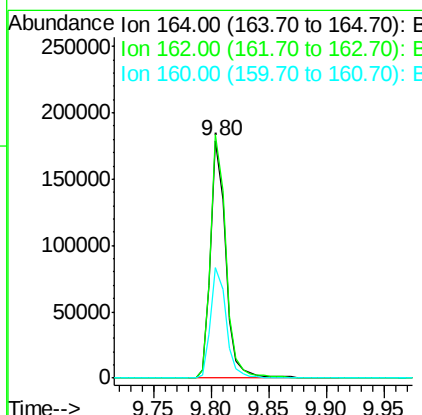
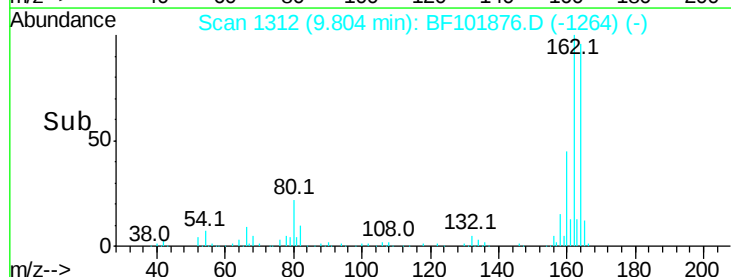
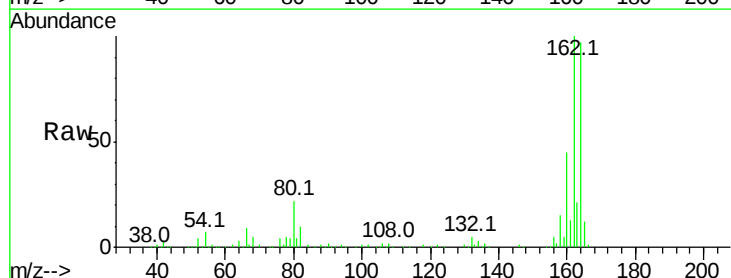
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BF101876.D
Acq: 3 Jan 2018 22:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	46.4	38.3	57.5





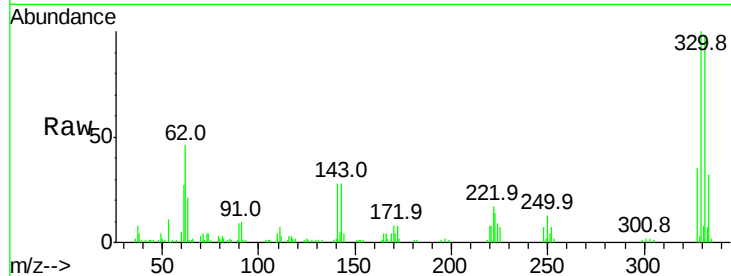
#41
 2,4,6-Tribromophenol
 Concen: 48.410 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF101876.D
 Acq: 3 Jan 2018 22:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	34.1	29.9	44.9

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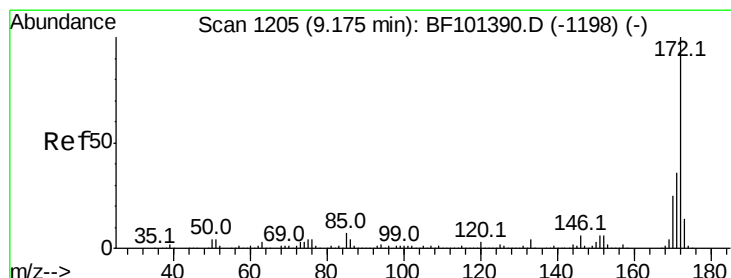
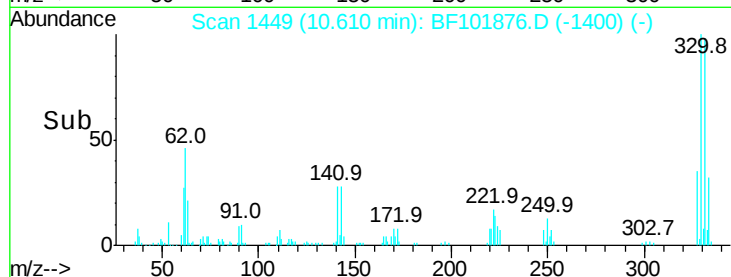
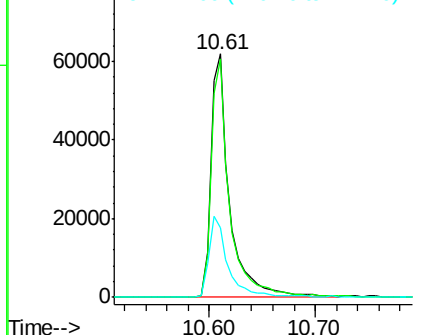


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 38.238 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.02 min
 Lab File: BF101876.D
 Acq: 3 Jan 2018 22:32

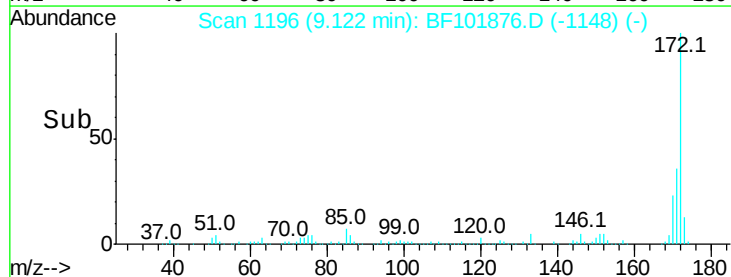
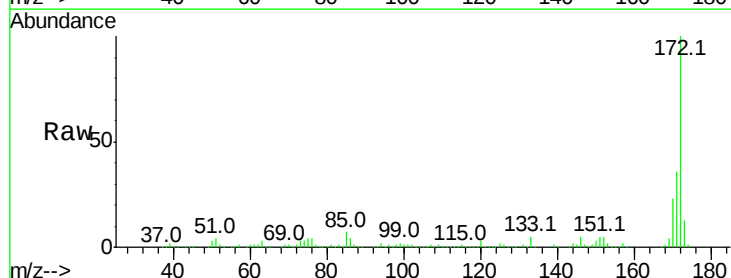
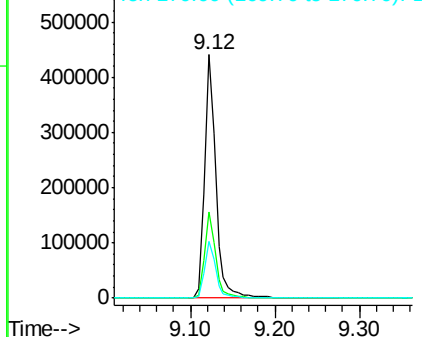
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.1	19.6	29.4

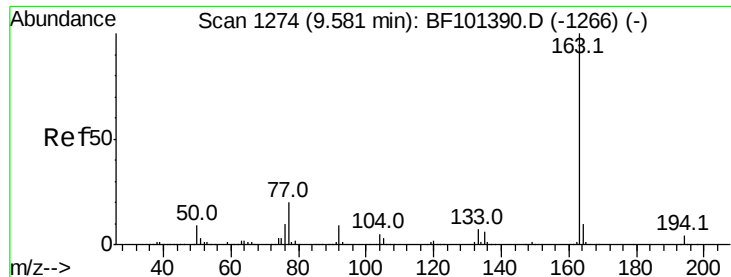
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





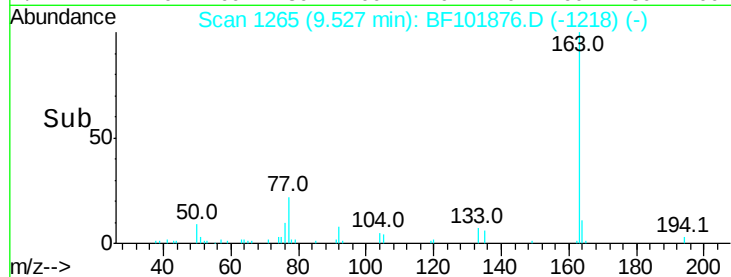
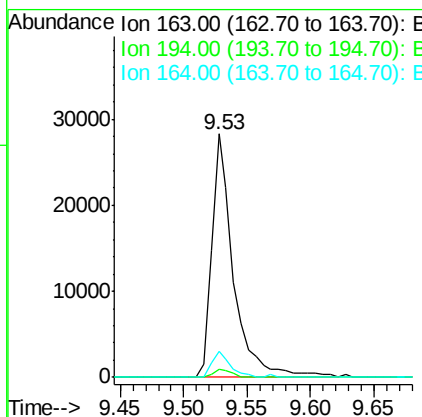
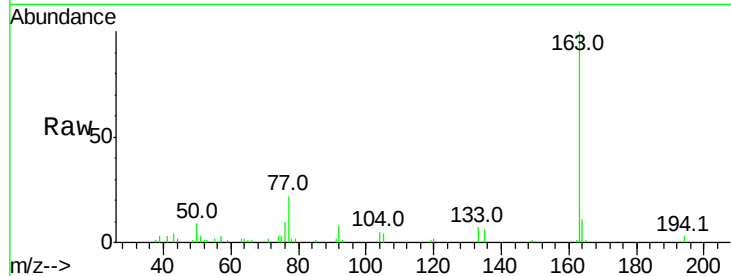
#49
Dimethylphthalate
Concen: 2.565 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF101876.D
Acq: 3 Jan 2018 22:32

Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.1	2.7	4.1	
164	10.9	8.2	12.2	

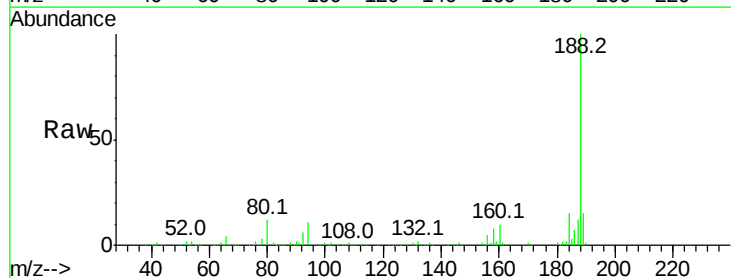
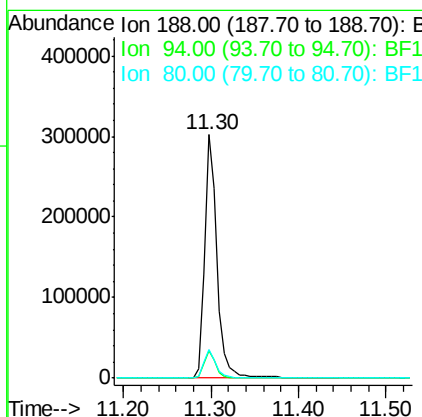
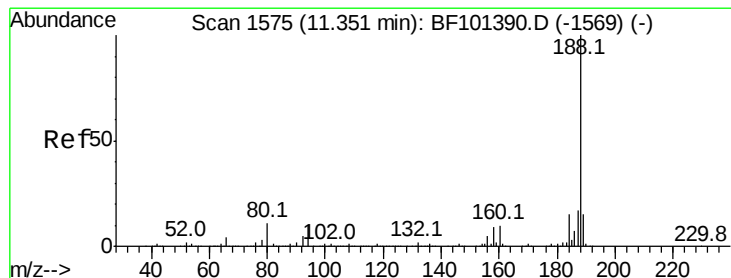
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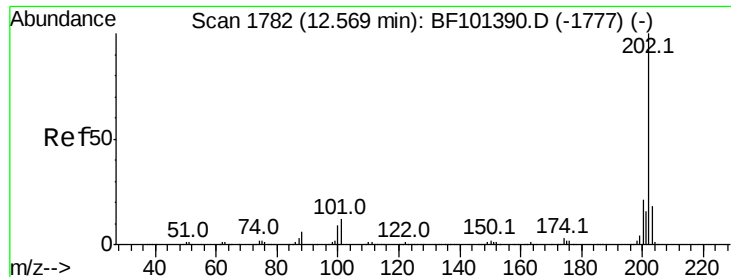
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.02 min
Lab File: BF101876.D
Acq: 3 Jan 2018 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.2	8.5	12.7	
80	12.0	9.2	13.8	





#74

Fluoranthene

Concen: 3.247 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF101876.D

Acq: 3 Jan 2018 22:32

Instrument :

BNA_F

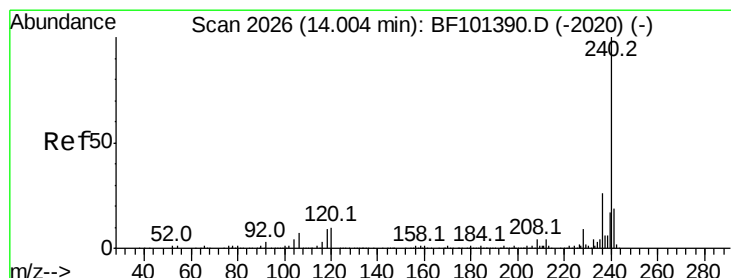
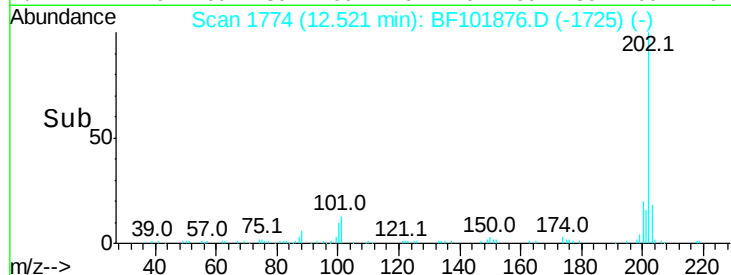
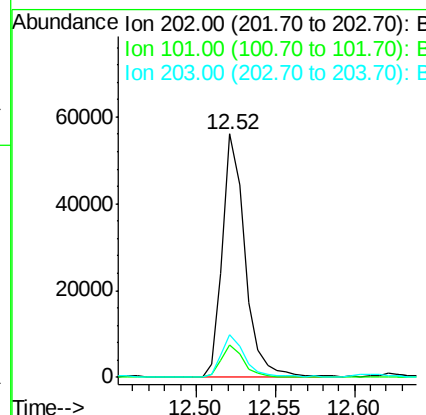
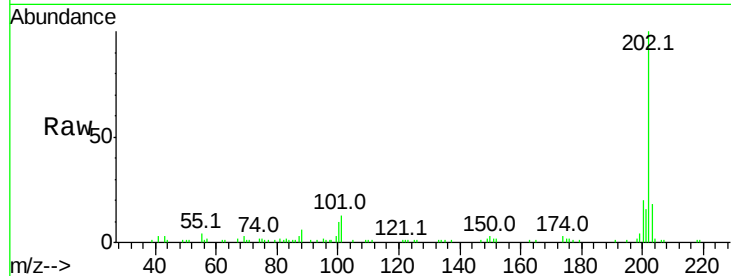
ClientSampleId :

SB-15-COMP

Tot Ion:	202	Resp:	55953
Ion Ratio	Lower	Upper	
202	100		
101	13.5	0.0	34.1
203	17.7	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

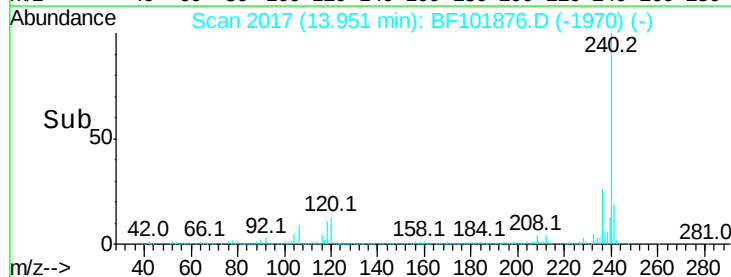
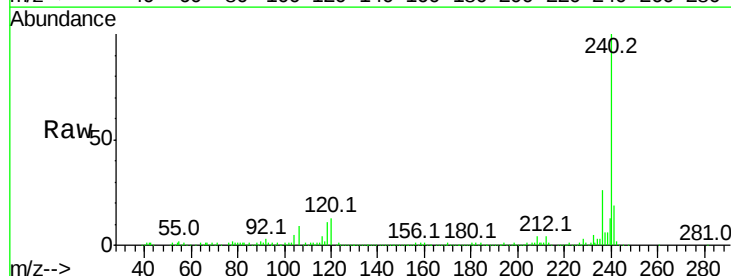
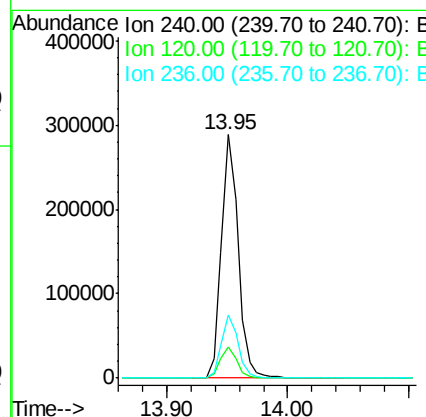
RT: 13.95 min Scan# 2017

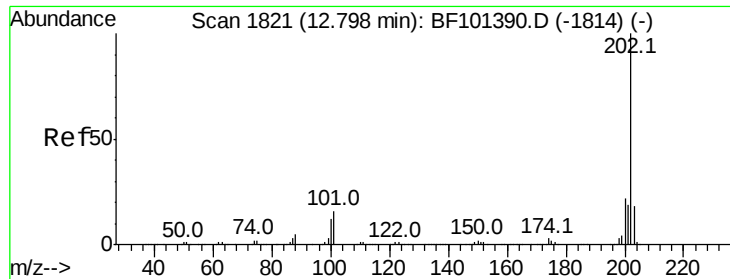
Delta R.T. -0.02 min

Lab File: BF101876.D

Acq: 3 Jan 2018 22:32

Tgt Ion:	240	Resp:	275722
Ion Ratio	Lower	Upper	
240	100		
120	12.7	9.5	14.3
236	26.1	20.7	31.1





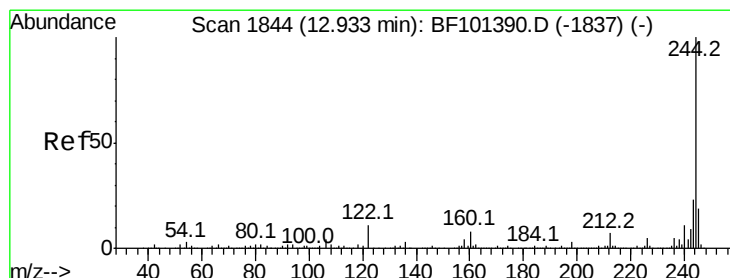
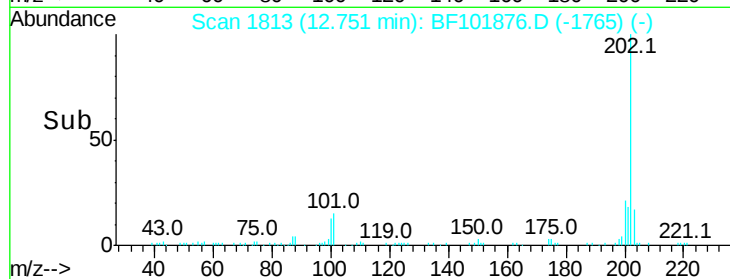
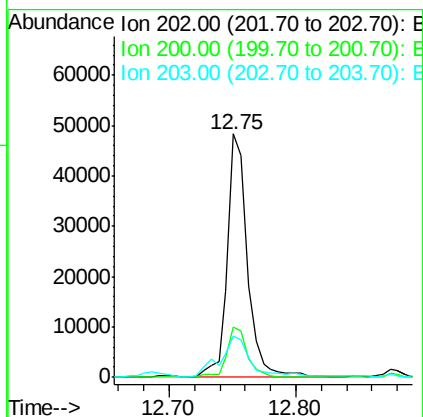
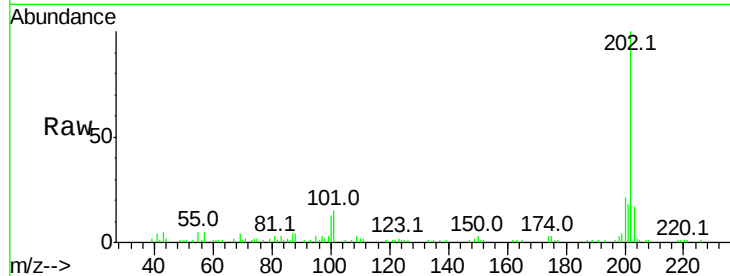
#77
Pvrene
Concen: 2.569 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF101876.D
Acq: 3 Jan 2018 22:32

Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	16.9	14.3	21.5

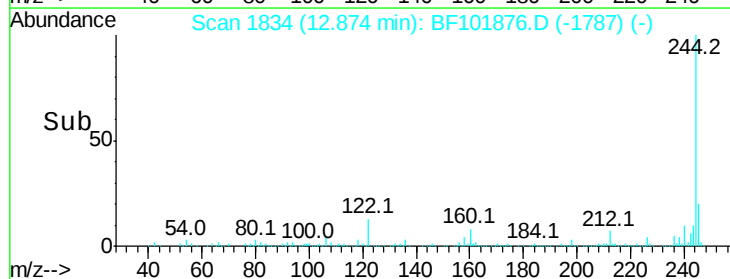
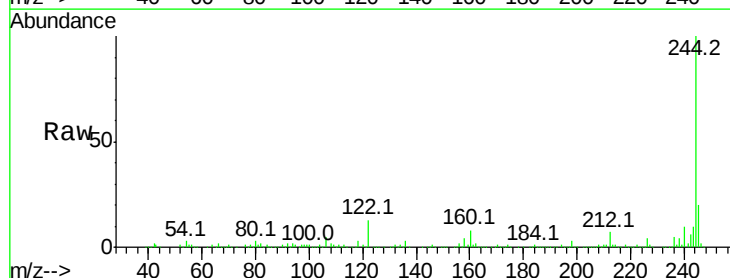
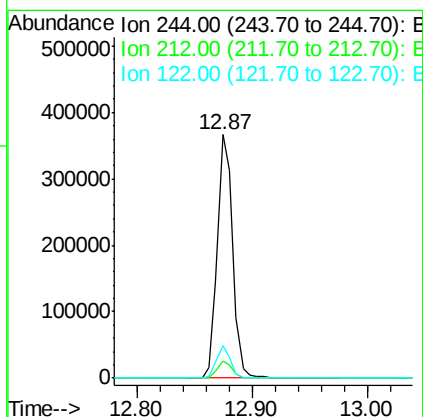
Manual Integrations
APPROVED

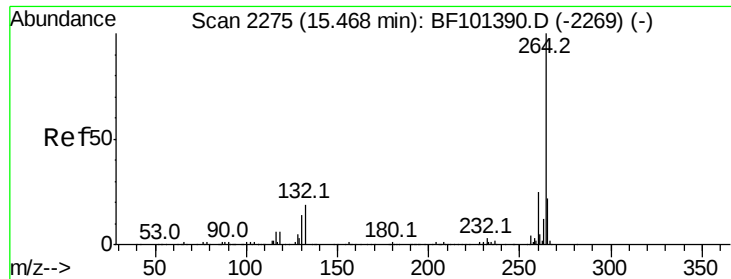
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#78
Terphenyl-d14
Concen: 29.537 ng
RT: 12.87 min Scan# 1834
Delta R.T. -0.02 min
Lab File: BF101876.D
Acq: 3 Jan 2018 22:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.3	11.0	16.4





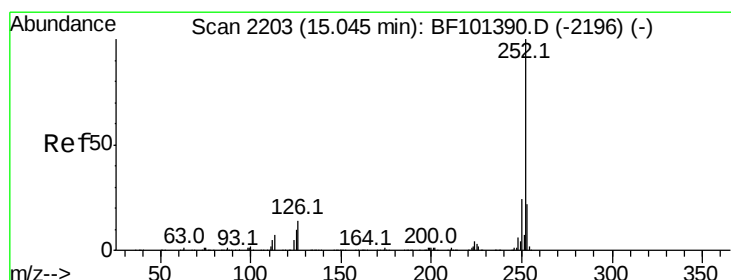
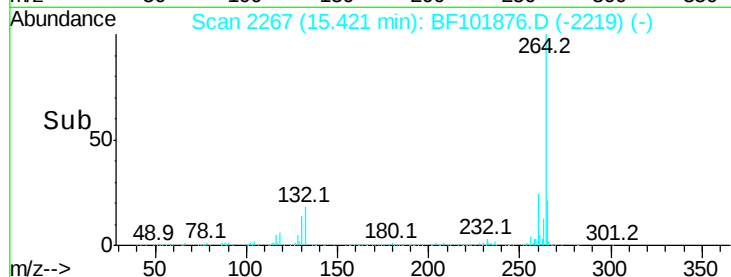
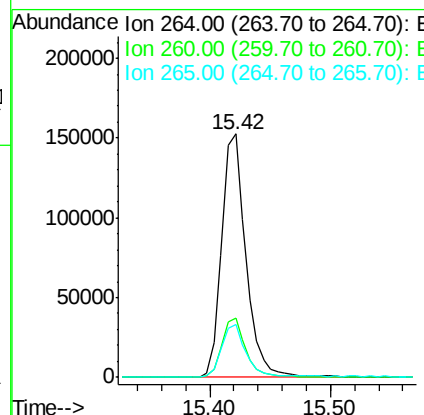
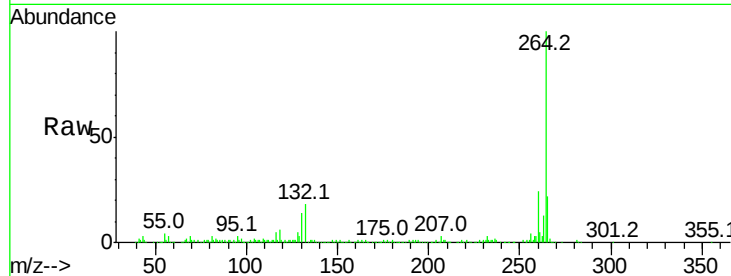
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF101876.D
Acq: 3 Jan 2018 22:32

Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.7	17.5	26.3

Manual Integrations
APPROVED

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



#87
Benzo(b)fluoranthene
Concen: 2.259 ng m
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF101876.D
Acq: 3 Jan 2018 22:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	19.0	9.0	13.6

