

Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
 Data File : BF101925.D
 Acq On : 5 Jan 2018 13:13
 Operator : SJ/JU
 Sample : J1004-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

Manual Integrations
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Quant Time: Jan 05 15:12:10 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 05 12:29:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	140052	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	559679	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	220302	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	367187	20.00	ng	0.00
75) Chrysene-d12	13.96	240	283642	20.00	ng	0.00
86) Perylene-d12	15.43	264	243353	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1005706	106.97	ng	0.00
7) Phenol-d6	6.43	99	1219911	104.25	ng	0.00
23) Nitrobenzene-d5	7.35	82	778295	77.41	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	175195	82.53	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	927060	65.28	ng	0.00
78) Terphenyl-d14	12.88	244	651968	55.41	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.53	163	94611	5.339	ng	99
70) Phenanthrene	11.33	178	73119	3.581	ng	99
74) Fluoranthene	12.53	202	119820	5.590	ng	97
77) Pyrene	12.76	202	108565	5.100	ng	99
80) Benzo(a)anthracene	13.95	228	60441m	3.227	ng	
82) Chrysene	13.99	228	53817	3.043	ng	98
87) Benzo(b)fluoranthene	15.01	252	61120m	4.121	ng	
89) Benzo(a)pyrene	15.38	252	42489	3.107	ng	# 90

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

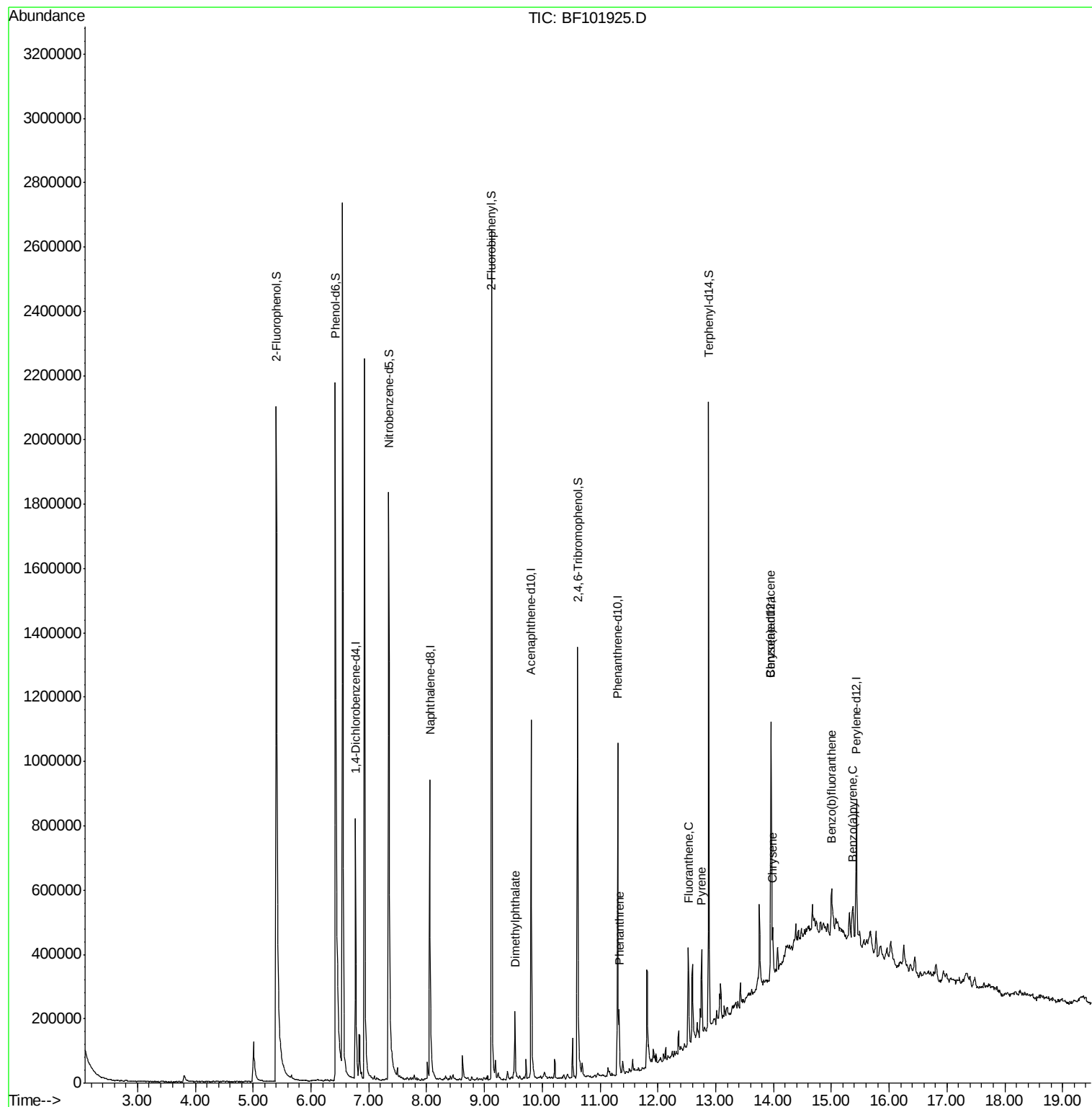
Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
Data File : BF101925.D
Acq On : 5 Jan 2018 13:13
Operator : SJ/JU
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 05 12:29:26 2018
Response via : Initial Calibration

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#1

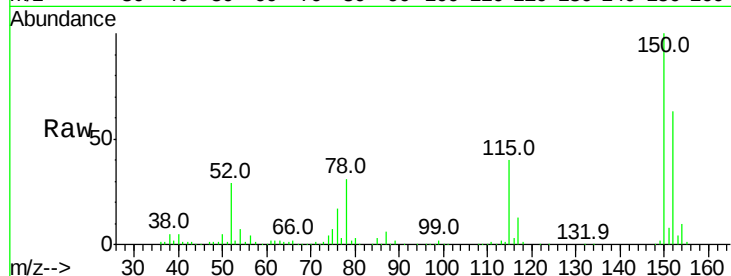
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF101925.D
Acq: 5 Jan 2018 13:13

Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

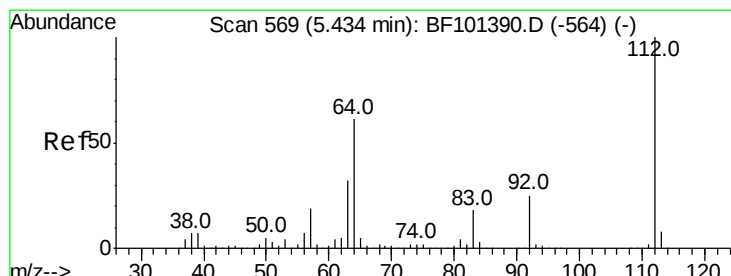
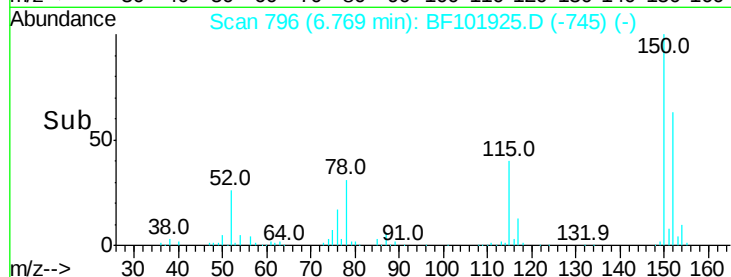
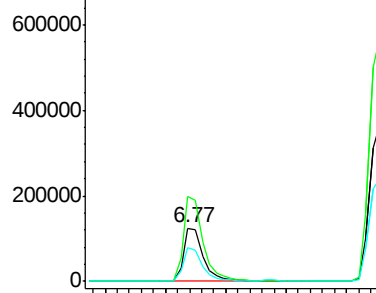
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.6	186.8
115	64.6	50.1	75.1

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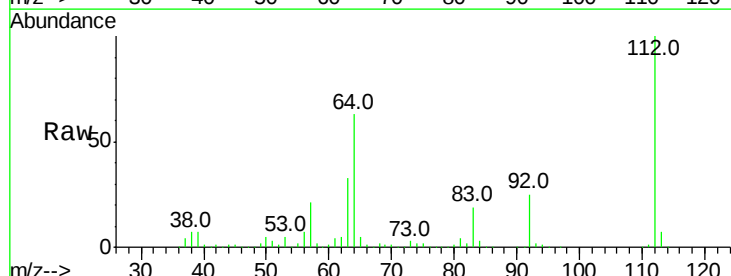
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



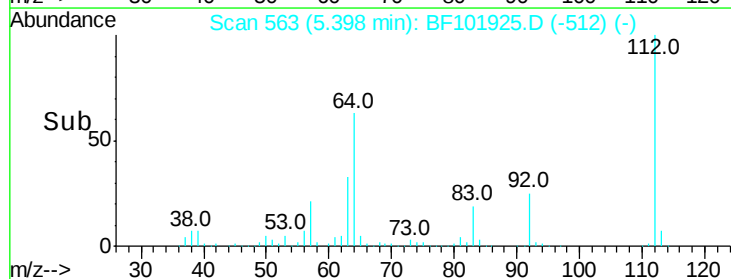
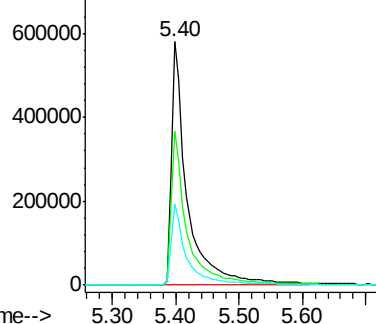
#5

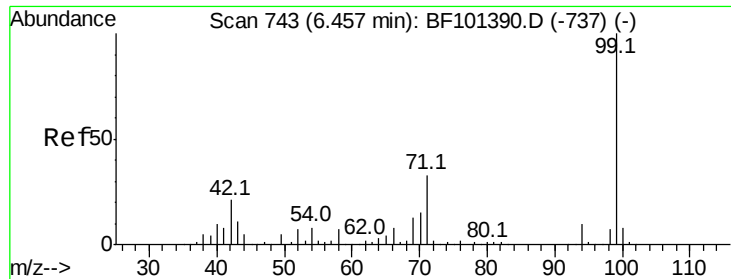
2-Fluorophenol
Concen: 106.966 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.00 min
Lab File: BF101925.D
Acq: 5 Jan 2018 13:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.2	47.9	71.9
63	33.1	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 104.254 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF101925.D

Acq: 5 Jan 2018 13:13

Instrument :

BNA_F

ClientSampleId :

SB-15-COMP

Tot Ion: 99 Resp: 121911

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

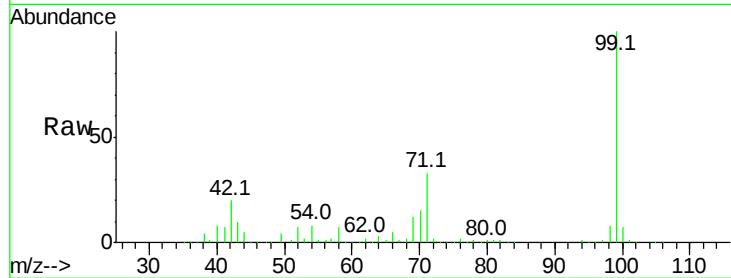
71 32.7 25.4 38.0

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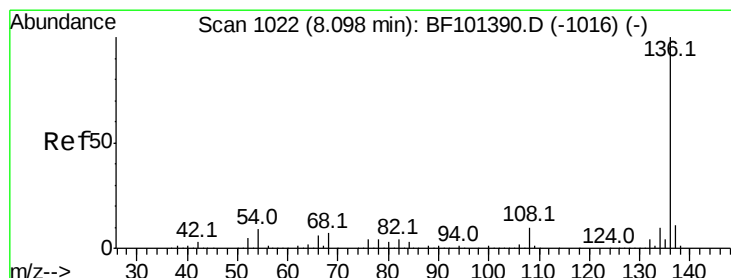
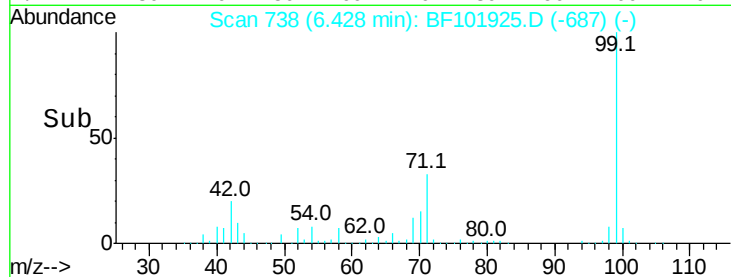
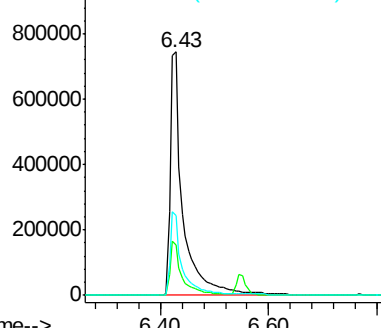
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1015

Delta R.T. 0.01 min

Lab File: BF101925.D

Acq: 5 Jan 2018 13:13

Tgt Ion: 136 Resp: 559679

Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 8.2 6.6 9.8

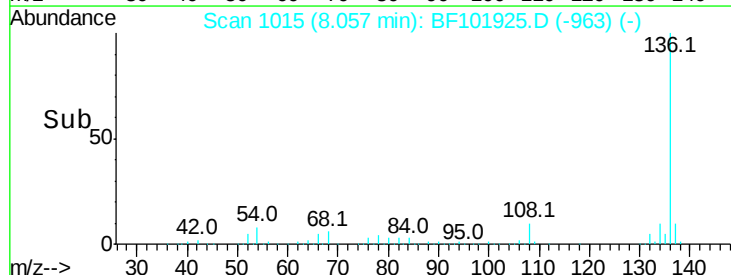
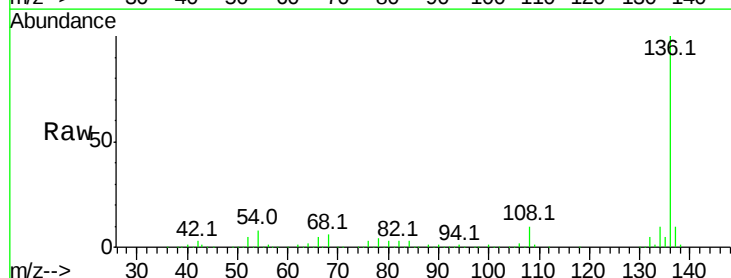
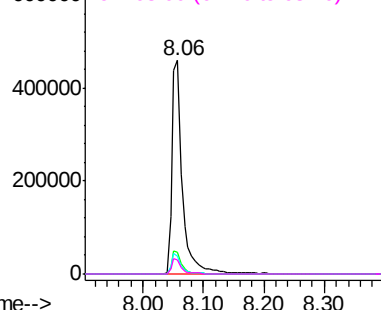
68 6.4 5.0 7.4

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





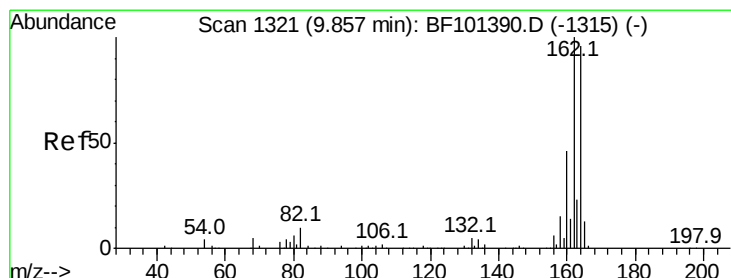
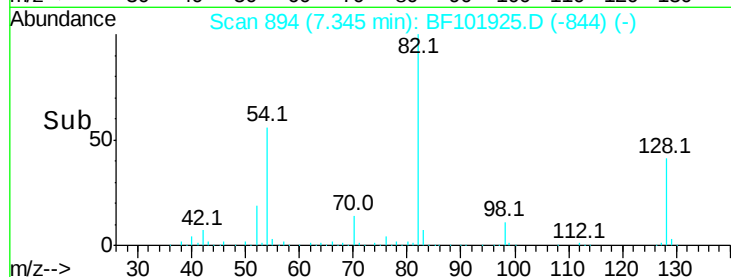
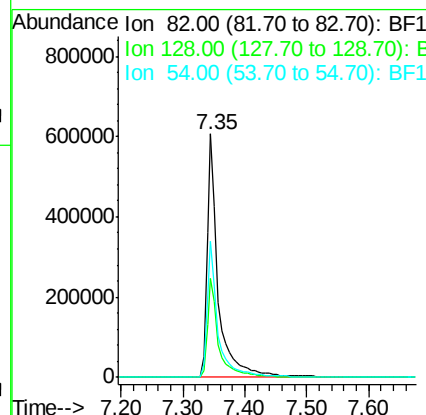
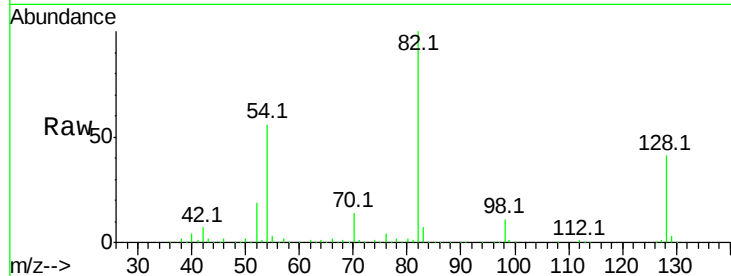
#23
 Nitrobenzene-d5
 Concen: 77.409 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF101925.D
 Acq: 5 Jan 2018 13:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.8	36.1	54.1
54	55.7	41.4	62.2

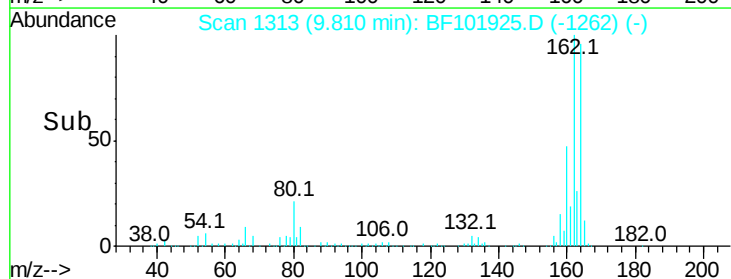
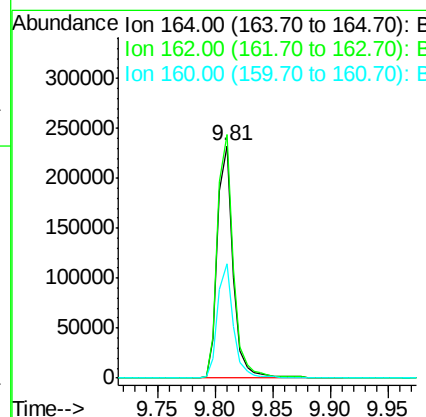
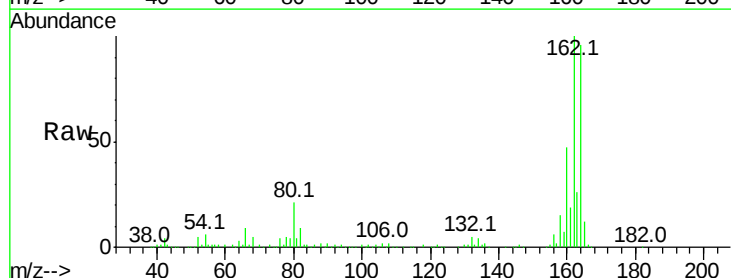
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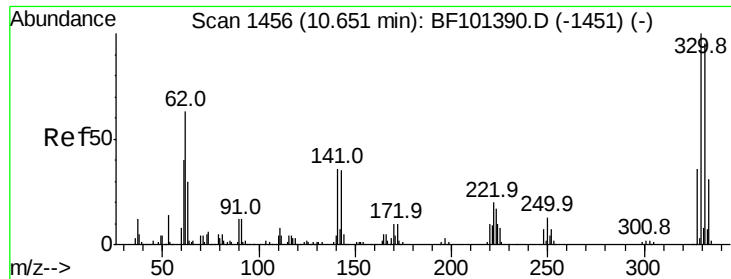
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.00 min
 Lab File: BF101925.D
 Acq: 5 Jan 2018 13:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	49.4	38.3	57.5





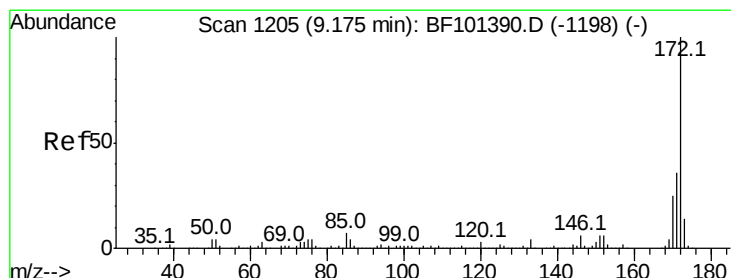
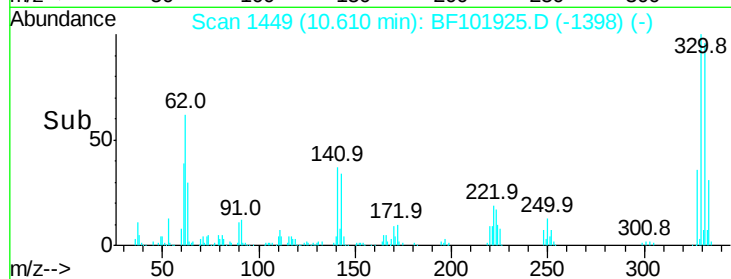
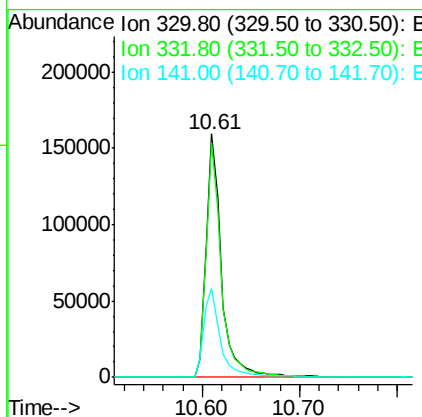
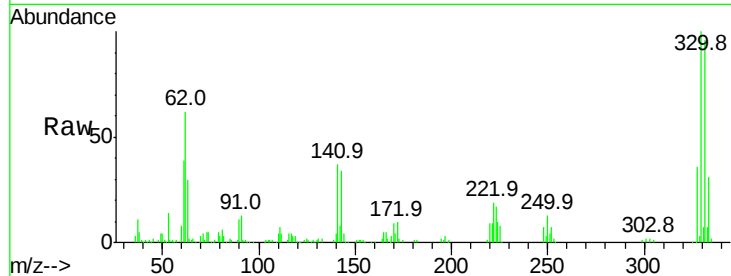
#41
 2,4,6-Tribromophenol
 Concen: 82.531 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.00 min
 Lab File: BF101925.D
 Acq: 5 Jan 2018 13:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100	175195		
332	95.7	77.0	115.6	
141	39.8	29.9	44.9	

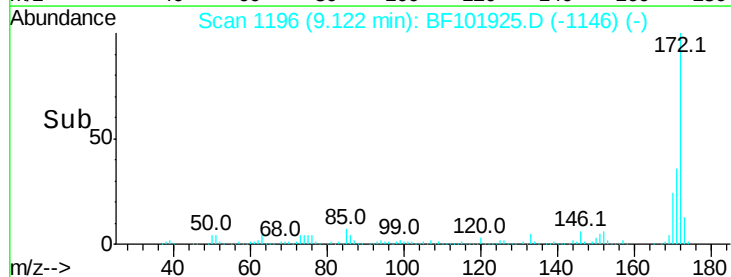
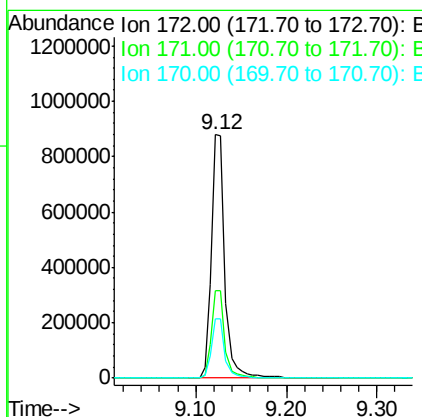
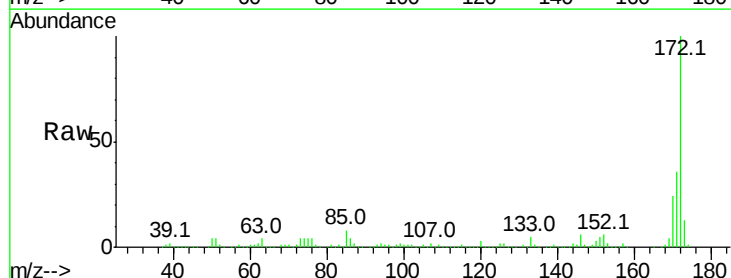
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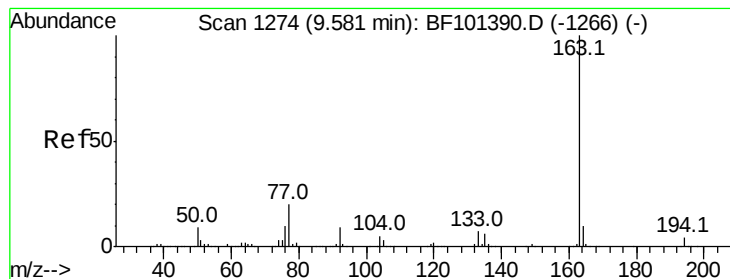
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#44
 2-Fluorobiphenyl
 Concen: 65.278 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF101925.D
 Acq: 5 Jan 2018 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	927060		
171	35.8	29.7	44.5	
170	24.2	19.6	29.4	





#49

Dimethylphthalate

Concen: 5.339 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF101925.D

Acq: 5 Jan 2018 13:13

Instrument :

BNA_F

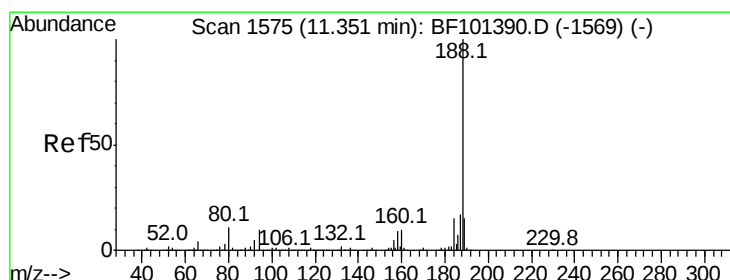
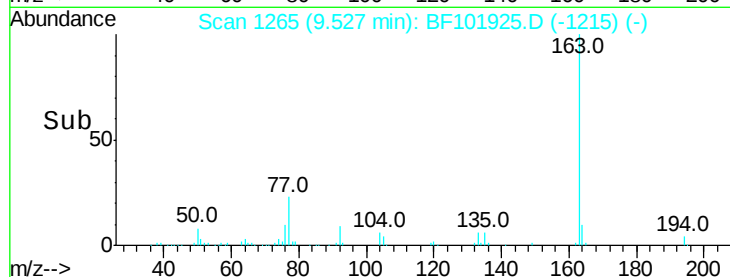
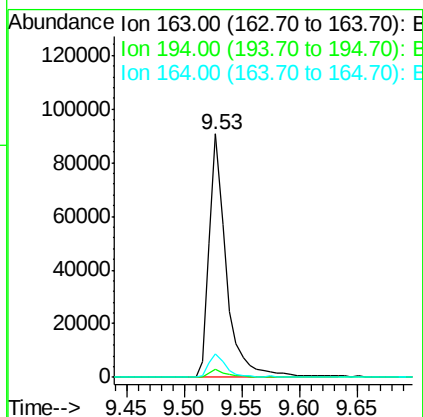
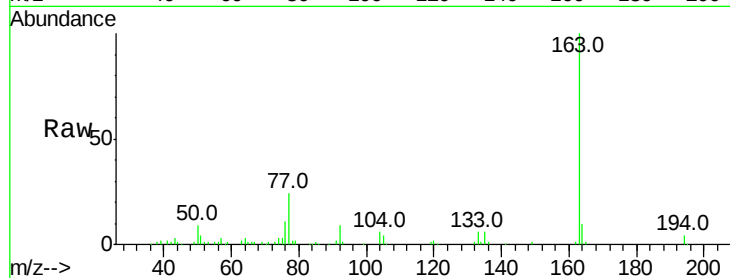
ClientSampleId :

SB-15-COMP

Tot Ion:	163	Resp:	94611
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.7	4.1
164	9.8	8.2	12.2

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#63

Phenanthrene-d10

Concen: 20.000 ng

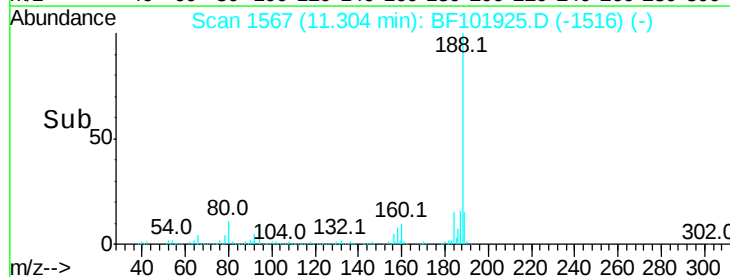
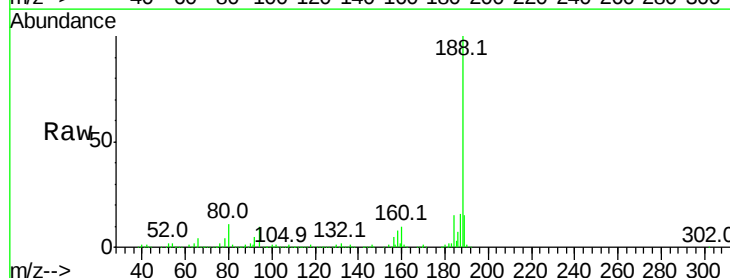
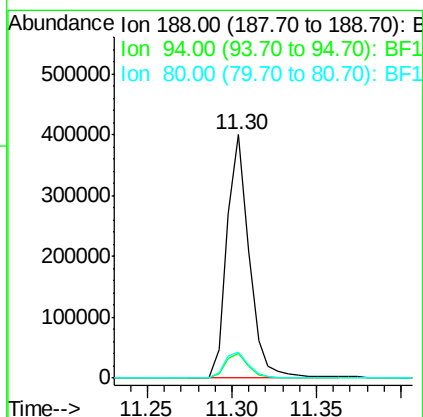
RT: 11.30 min Scan# 1567

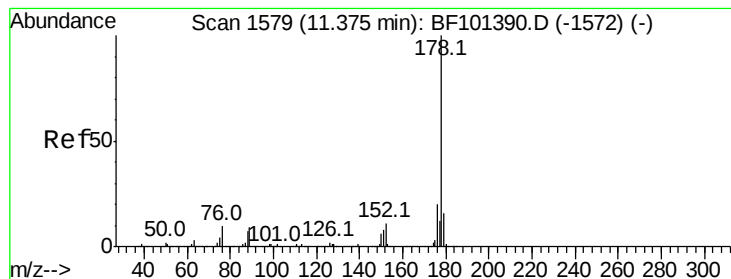
Delta R.T. -0.00 min

Lab File: BF101925.D

Acq: 5 Jan 2018 13:13

Tgt Ion:	188	Resp:	367187
Ion Ratio	Lower	Upper	
188	100		
94	10.2	8.5	12.7
80	10.7	9.2	13.8





#70

Phenanthrene

Concen: 3.581 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BF101925.D

Acq: 5 Jan 2018 13:13

Instrument :

BNA_F

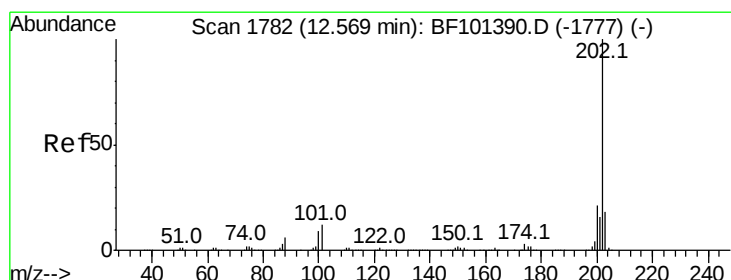
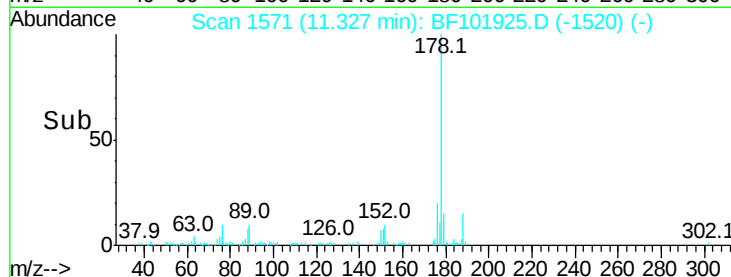
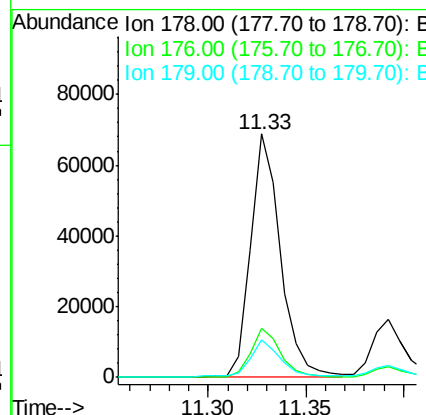
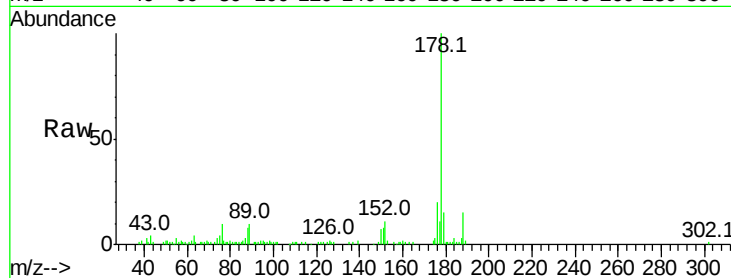
ClientSampleId :

SB-15-COMP

Tot Ion:	178	Resp:	73119
Ion Ratio	Lower	Upper	
178	100		
176	20.1	15.8	23.8
179	15.4	13.0	19.6

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#74

Fluoranthene

Concen: 5.590 ng

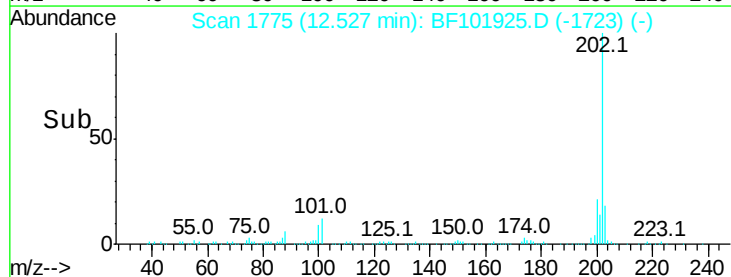
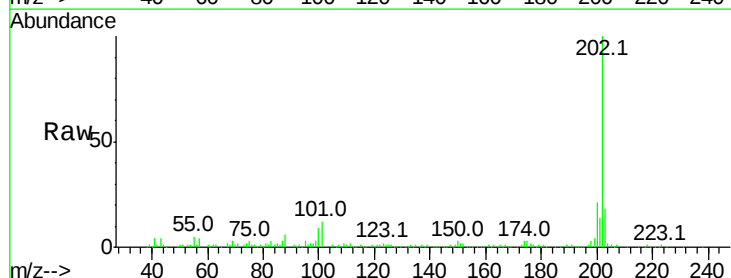
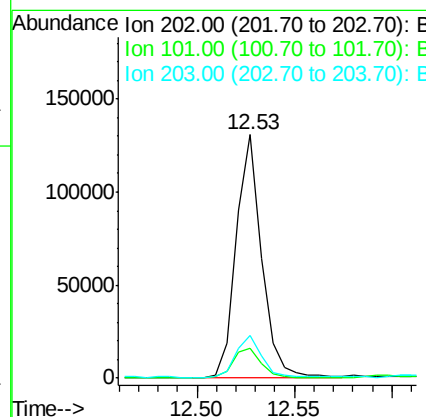
RT: 12.53 min Scan# 1775

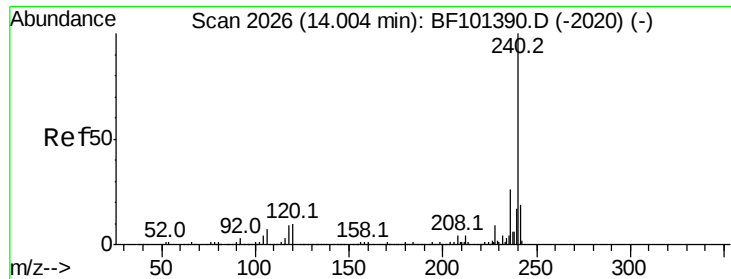
Delta R.T. 0.01 min

Lab File: BF101925.D

Acq: 5 Jan 2018 13:13

Tgt Ion:	202	Resp:	119820
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	34.1
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BF101925.D

Acq: 5 Jan 2018 13:13

Instrument :

BNA_F

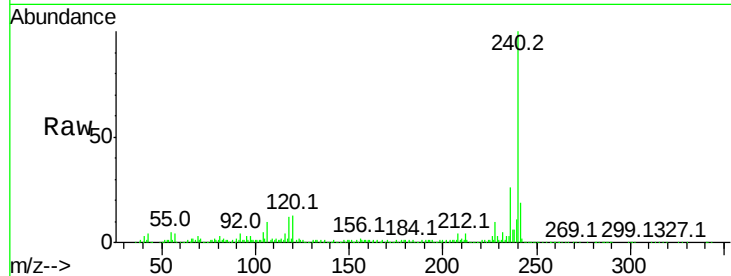
ClientSampleId :

SB-15-COMP

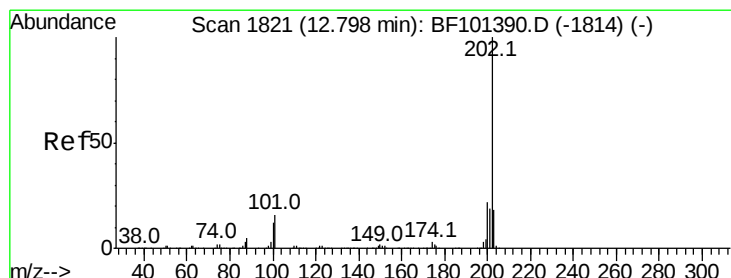
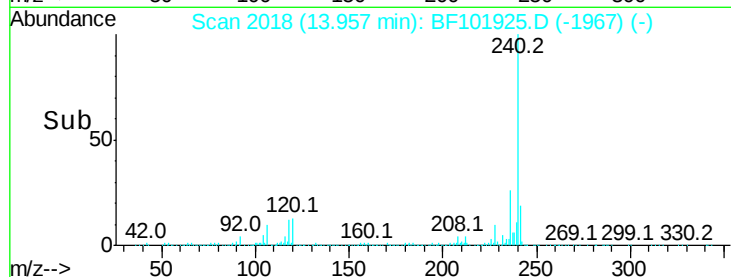
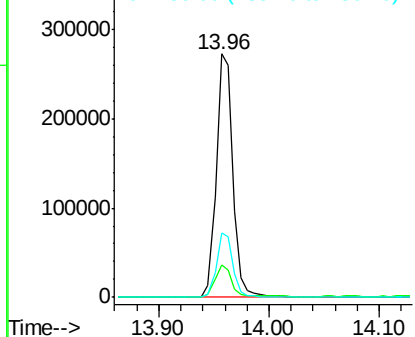
Tot Ion:	240	Resp:	283642
Ion Ratio	Lower	Upper	
240	100		
120	13.3	9.5	14.3
236	26.3	20.7	31.1

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 5.100 ng

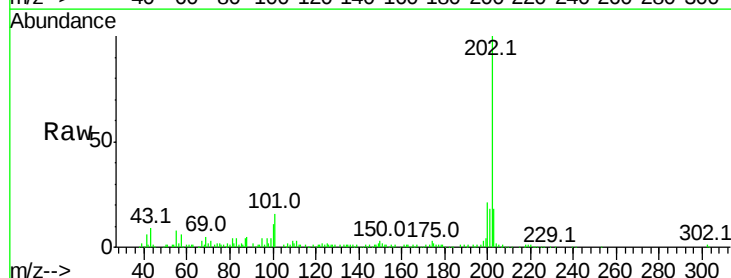
RT: 12.76 min Scan# 1814

Delta R.T. 0.01 min

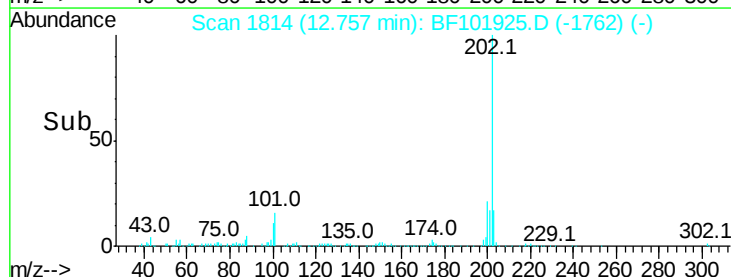
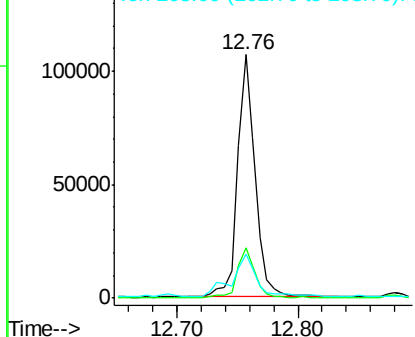
Lab File: BF101925.D

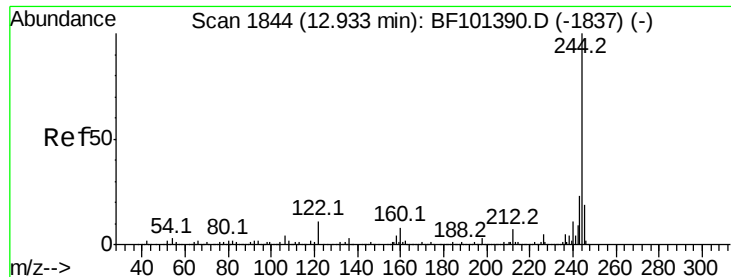
Acq: 5 Jan 2018 13:13

Tgt Ion:	202	Resp:	108565
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.4	26.2
203	18.1	14.3	21.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 55.413 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BF101925.D

Acq: 5 Jan 2018 13:13

Instrument :

BNA_F

ClientSampleId :

SB-15-COMP

Tot Ion:244 Resp: 651968

Ion Ratio Lower Upper

244 100

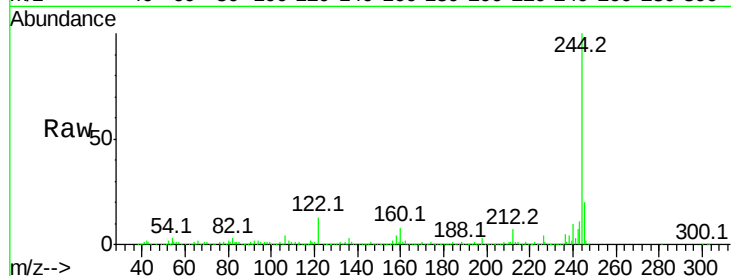
212 7.0 5.4 8.0

122 12.6 11.0 16.4

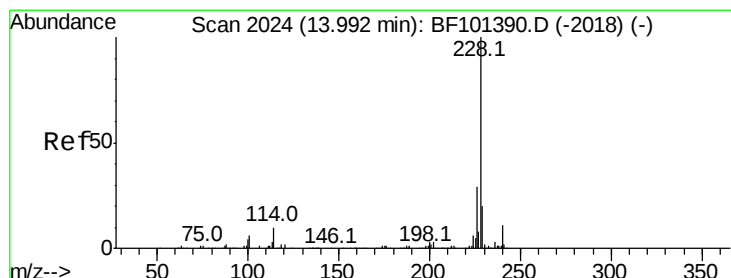
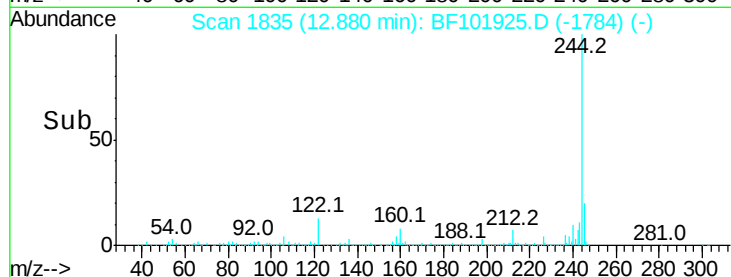
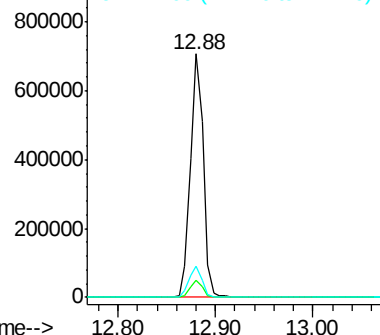
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 3.227 ng m

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF101925.D

Acq: 5 Jan 2018 13:13

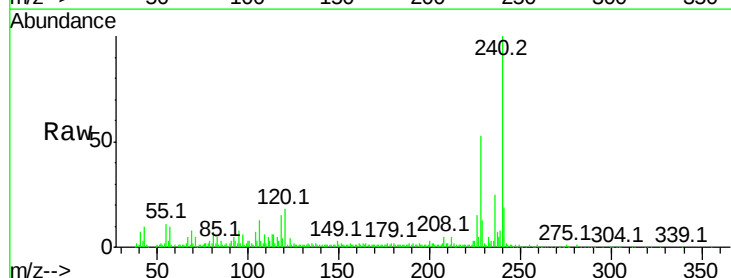
Tgt Ion:228 Resp: 60441

Ion Ratio Lower Upper

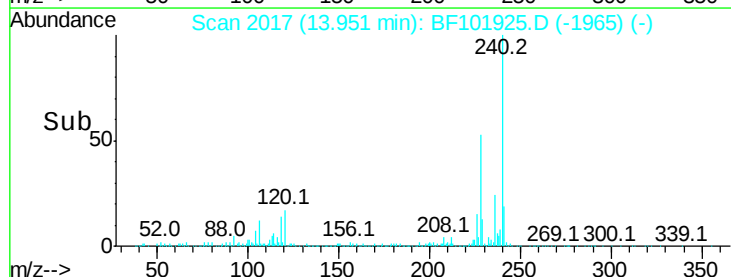
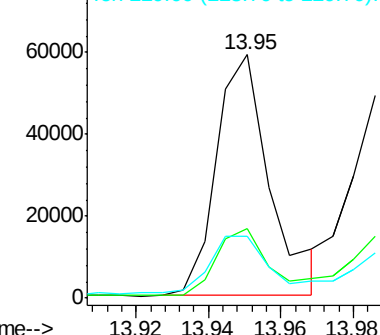
228 100

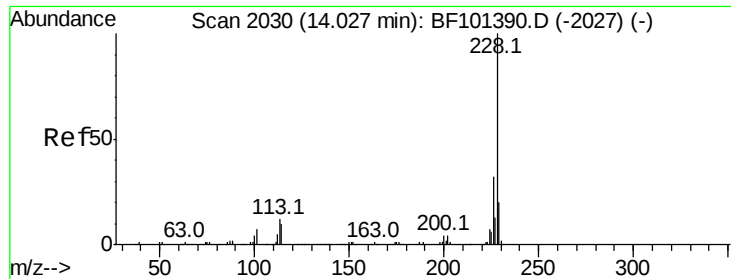
226 28.5 22.6 33.8

229 25.3 15.8 23.6#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





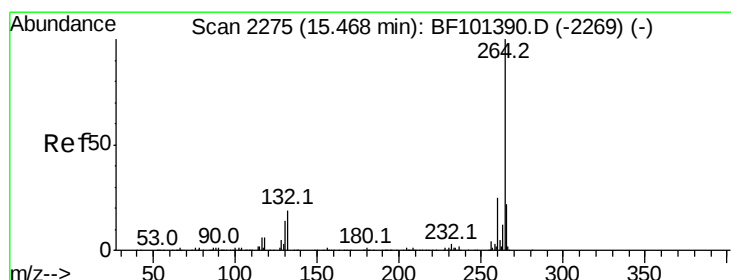
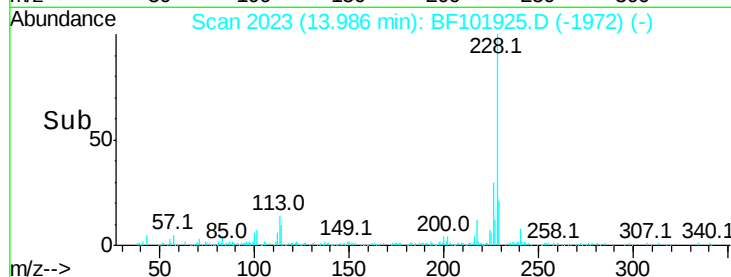
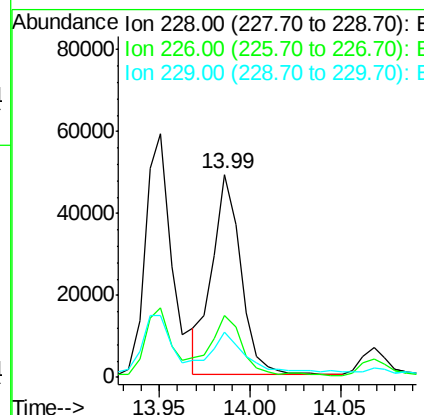
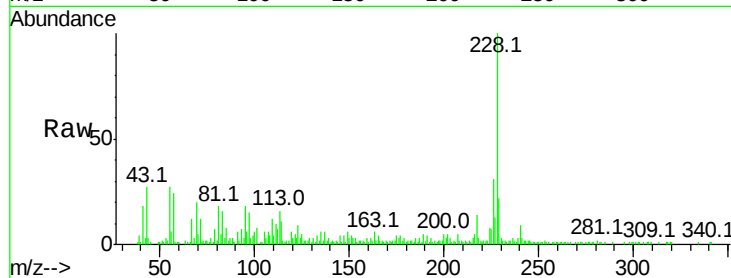
#82
Chrysene
Concen: 3.043 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BF101925.D
Acq: 5 Jan 2018 13:13

Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

Tot Ion:	228	Resp:	53817
Ion Ratio	Lower	Upper	
228	100		
226	30.8	25.0	37.6
229	22.1	16.2	24.4

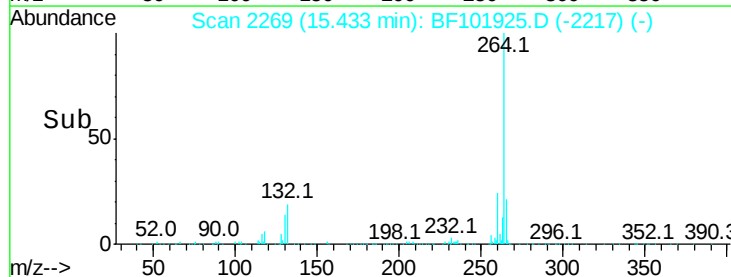
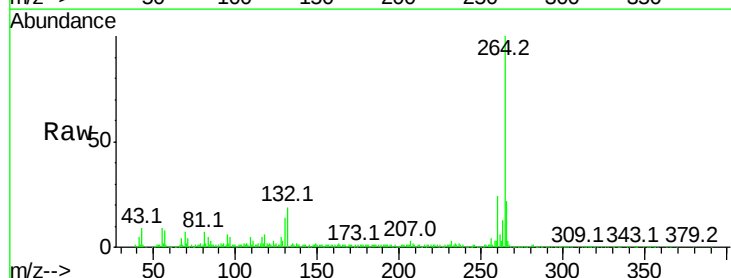
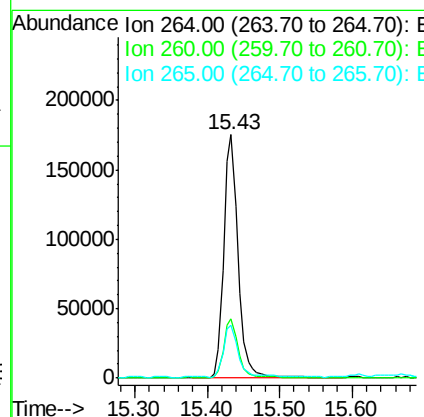
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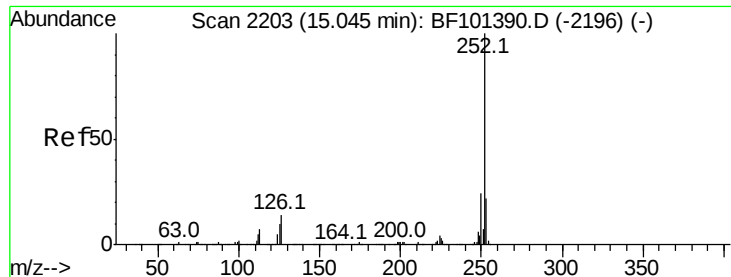
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF101925.D
Acq: 5 Jan 2018 13:13

Tgt Ion:	264	Resp:	243353
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.2	28.8
265	21.7	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 4.121 ng

RT: 15.01 min Scan# 2197

Delta R.T. 0.01 min

Lab File: BF101925.D

Acq: 5 Jan 2018 13:13

Instrument :

BNA_F

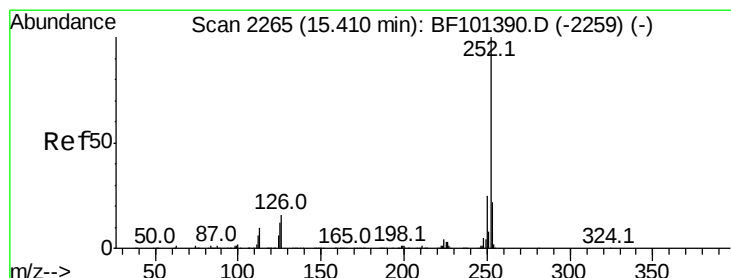
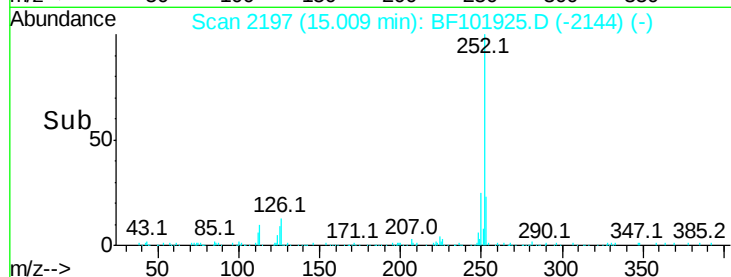
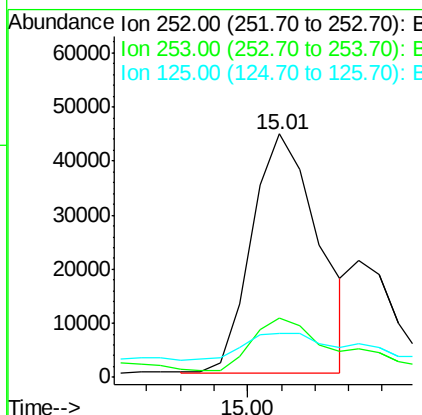
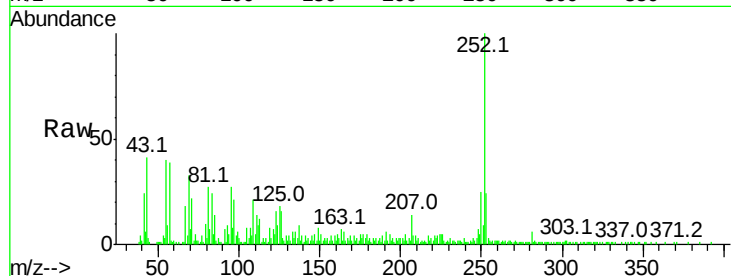
ClientSampleId :

SB-15-COMP

Tot Ion:	252	Resp:	61120
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.0	25.6
125	18.2	9.0	13.6#

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 3.107 ng

RT: 15.38 min Scan# 2260

Delta R.T. 0.01 min

Lab File: BF101925.D

Acq: 5 Jan 2018 13:13

Tgt Ion:	252	Resp:	42489
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.1	25.7
125	18.3	9.8	14.6#

