

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
 Data File : BF101913.D
 Acq On : 5 Jan 2018 4:13
 Operator : SJ/JU
 Sample : J1004-16
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP

Manual Integrations
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Sohil
 1/5/2018 10:30:03 AM

Quant Time: Jan 05 06:04:34 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 04 14:22:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	142076	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	502622	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	169681	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	276638	20.00	ng	0.00
75) Chrysene-d12	13.96	240	287086	20.00	ng	0.00
86) Perylene-d12	15.43	264	200979	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1010838	105.98	ng	0.00
7) Phenol-d6	6.42	99	1146766	96.61	ng	0.00
23) Nitrobenzene-d5	7.35	82	705324	78.12	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	124004	75.84	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	823942	75.33	ng	0.00
78) Terphenyl-d14	12.88	244	625685	52.54	ng	0.00
Target Compounds						
10) Phenol	6.44	94	54396	4.021	ng	Qvalue # 55
49) Dimethylphthalate	9.53	163	80459	5.895	ng	99
70) Phenanthrene	11.33	178	80513	5.233	ng	98
74) Fluoranthene	12.53	202	136497	8.453	ng	98
77) Pyrene	12.76	202	113734	5.279	ng	99
80) Benzo(a)anthracene	13.94	228	56656m	2.989	ng	
82) Chrysene	13.99	228	60325	3.370	ng	96
87) Benzo(b)fluoranthene	15.01	252	50621m	4.132	ng	
89) Benzo(a)pyrene	15.37	252	29841	2.642	ng	# 83

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

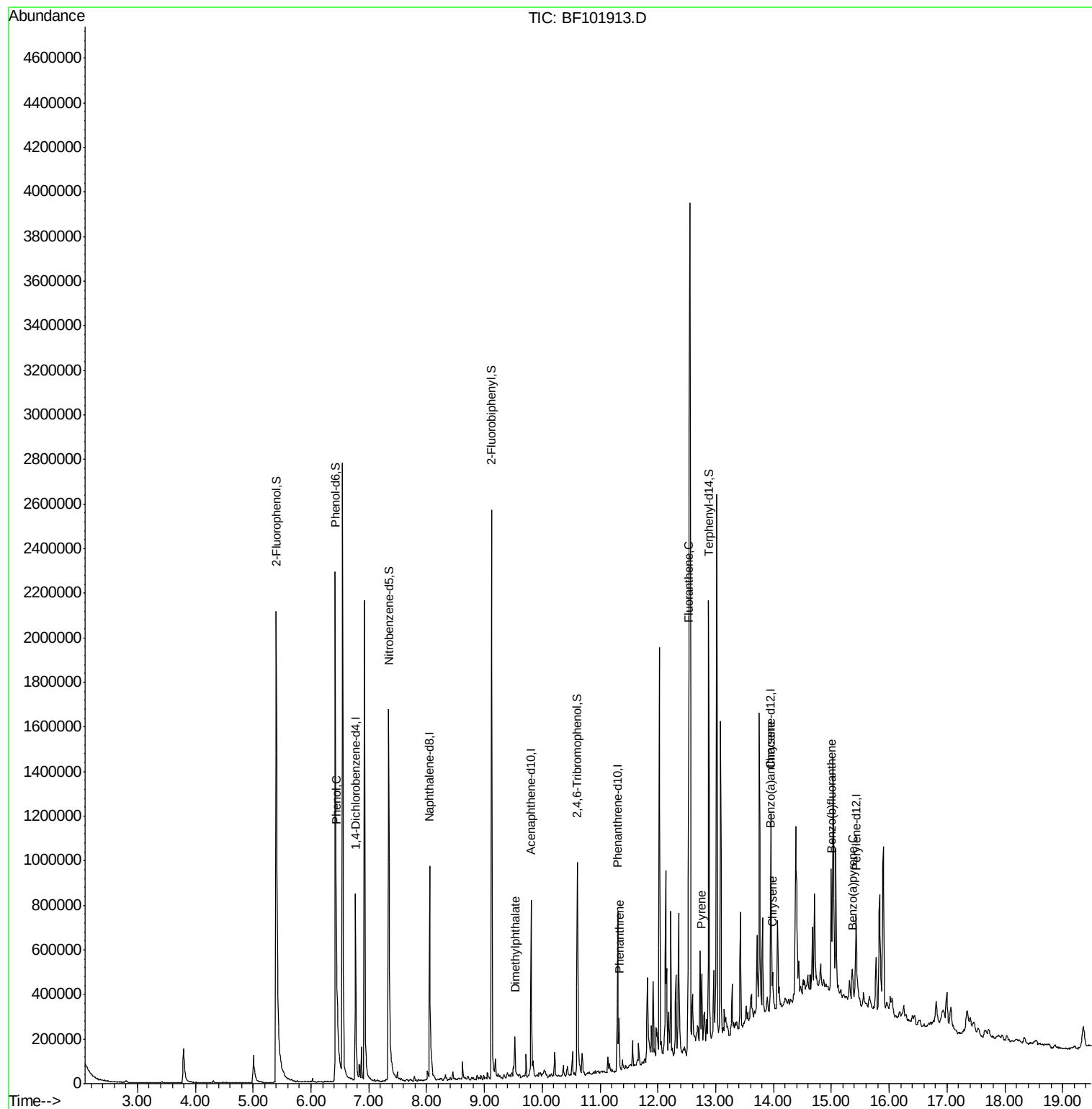
Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101913.D
Acq On : 5 Jan 2018 4:13
Operator : SJ/JU
Sample : J1004-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

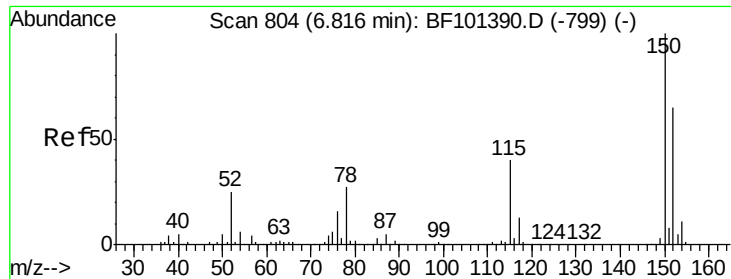
Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

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1/5/2018 10:30:03 AM

Quant Time: Jan 05 06:04:34 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 04 14:22:17 2018
Response via : Initial Calibration





#1

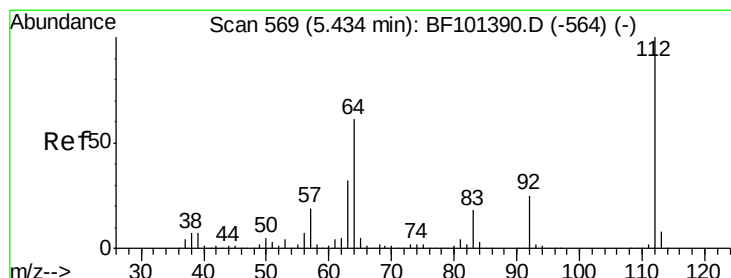
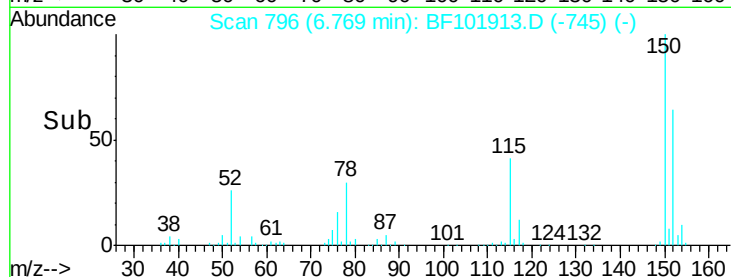
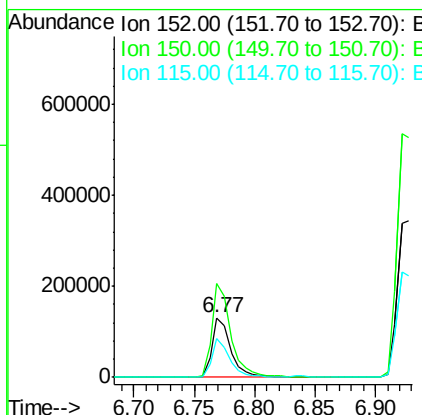
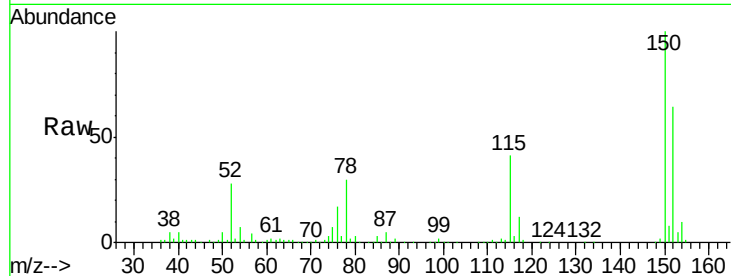
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF101913.D
Acq: 5 Jan 2018 4:13

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	64.3	50.1	75.1

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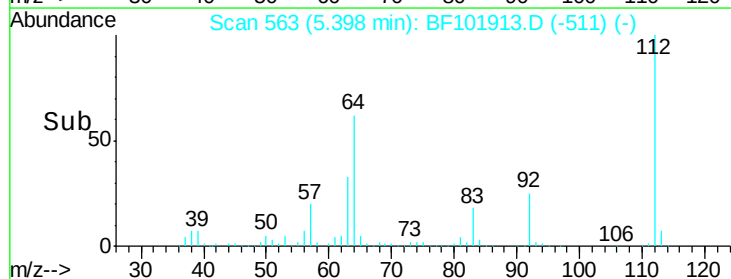
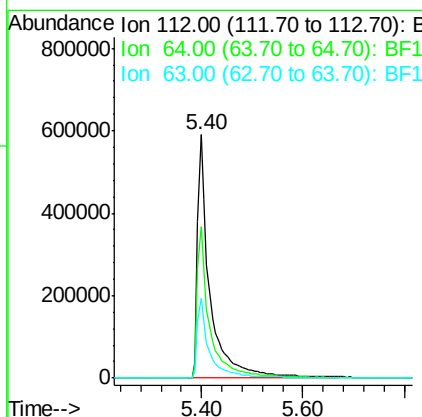
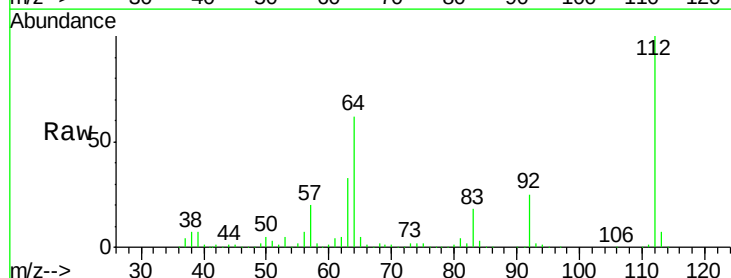
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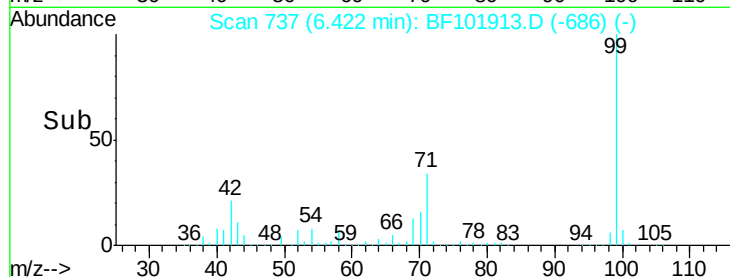
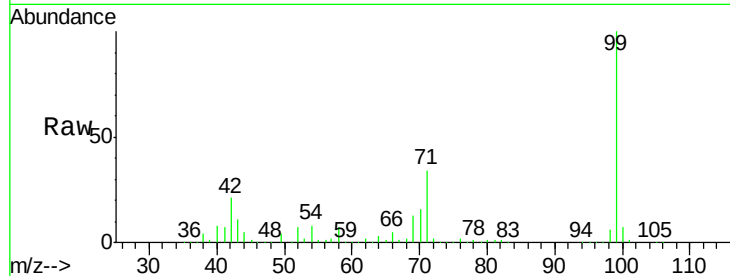
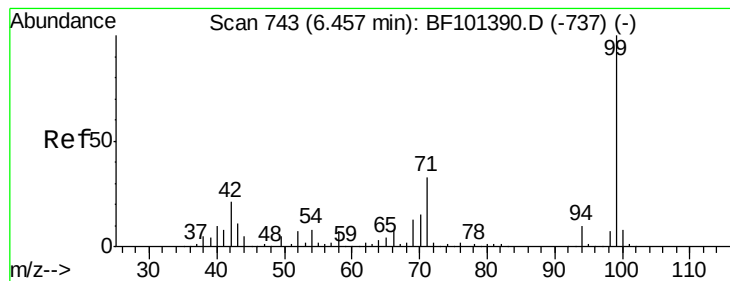


#5

2-Fluorophenol
Concen: 105.980 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF101913.D
Acq: 5 Jan 2018 4:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.2	47.9	71.9
63	32.5	23.7	35.5





#7

Phenol-d6

Concen: 96.607 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF101913.D

Acq: 5 Jan 2018 4:13

Tot Ion: 99 Resp: 1146766

Ion Ratio Lower Upper

99 100

42 21.2 14.5 21.7

71 33.8 25.4 38.0

Instrument :

BNA_F

ClientSampled :

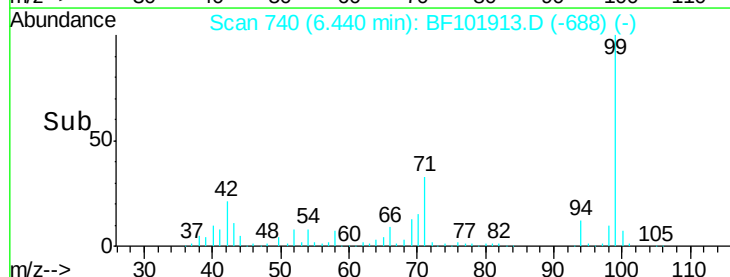
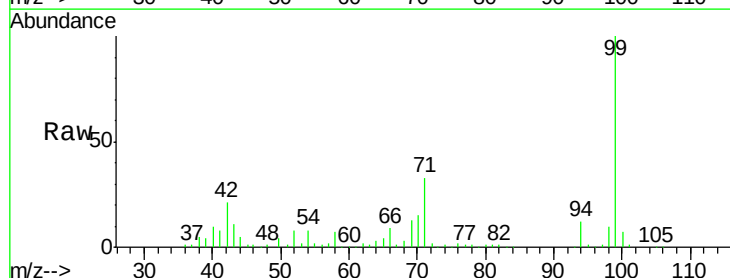
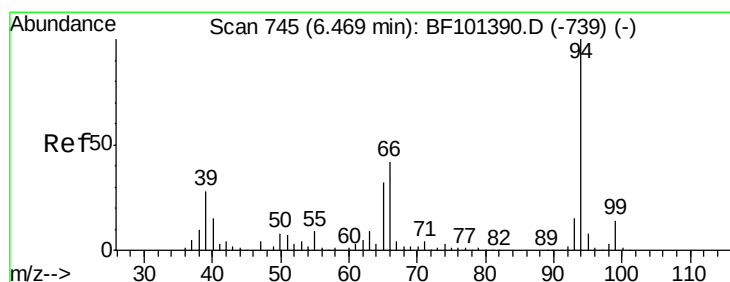
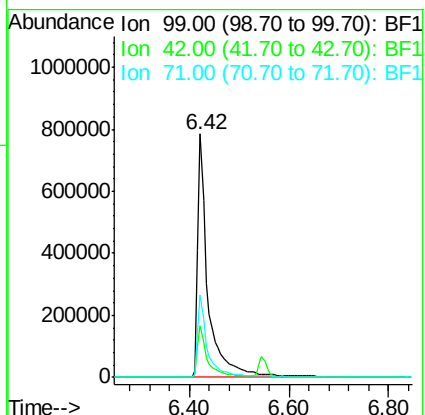
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#10

Phenol

Concen: 4.021 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101913.D

Acq: 5 Jan 2018 4:13

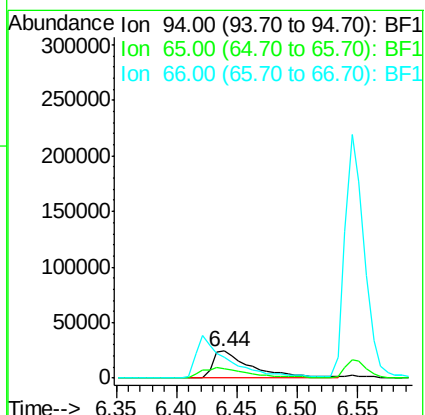
Tgt Ion: 94 Resp: 54396

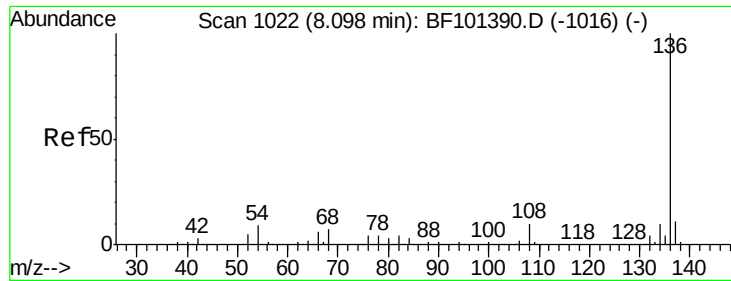
Ion Ratio Lower Upper

94 100

65 35.2 7.9 47.9

66 76.7 16.2 56.2#





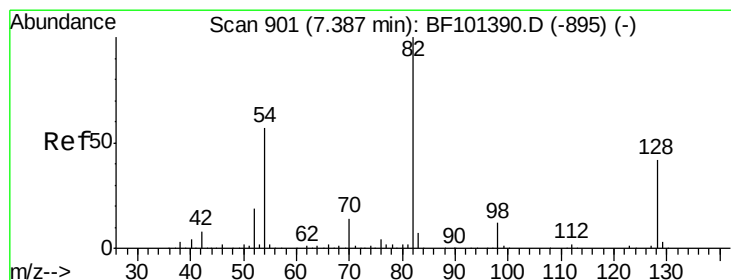
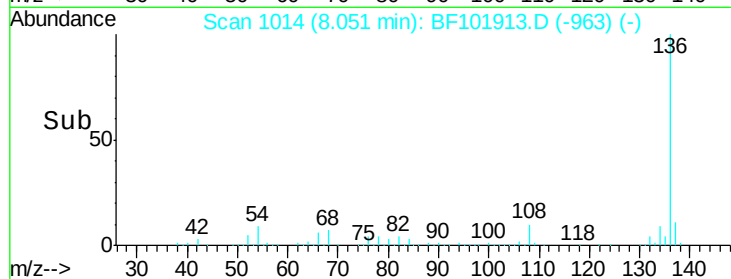
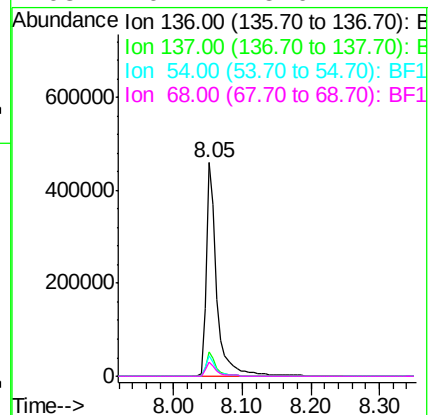
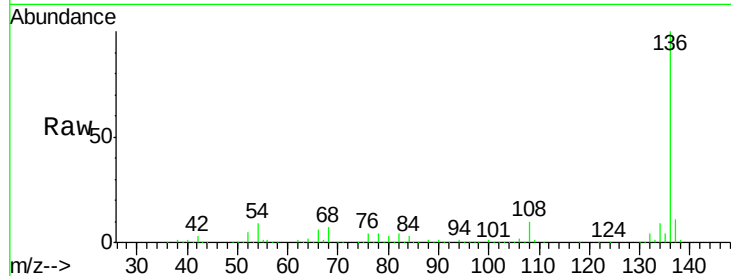
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF101913.D
Acq: 5 Jan 2018 4:13

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.5	6.6	9.8
68	6.7	5.0	7.4

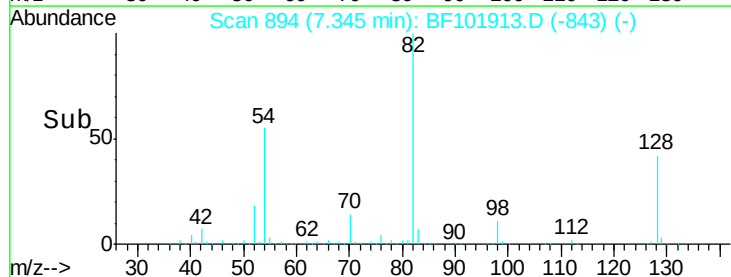
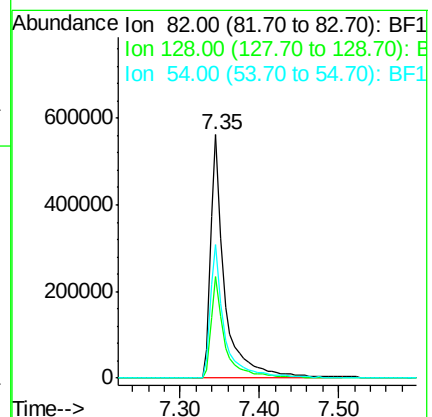
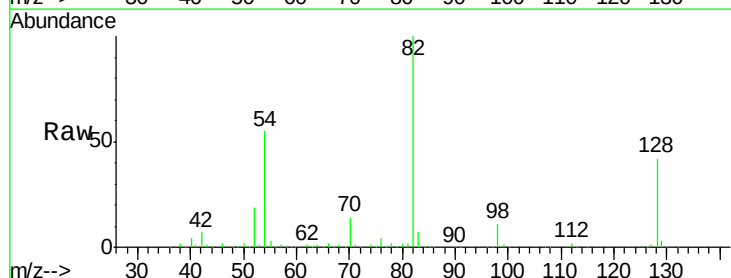
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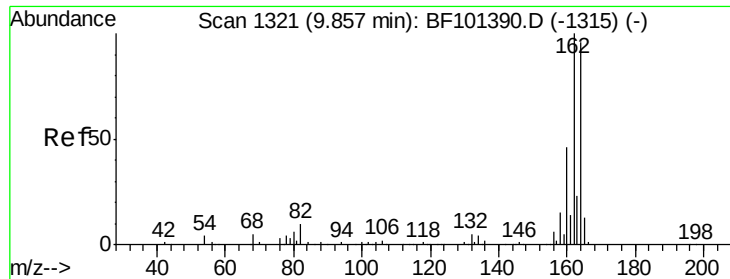
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#23
Nitrobenzene-d5
Concen: 78.115 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.00 min
Lab File: BF101913.D
Acq: 5 Jan 2018 4:13

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	41.7	36.1	54.1
54	54.8	41.4	62.2





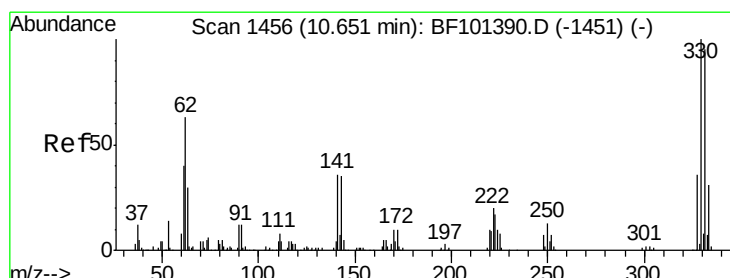
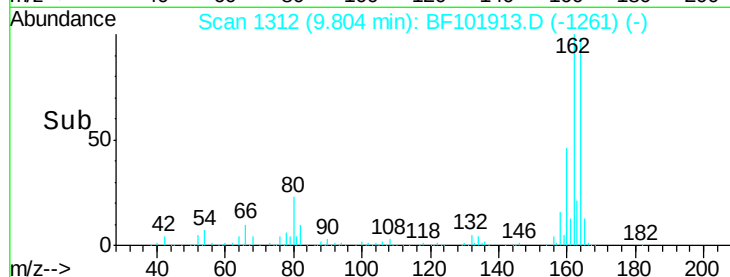
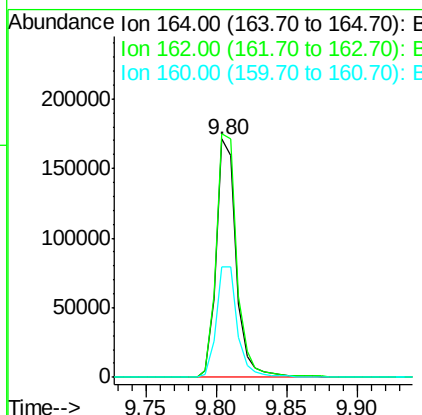
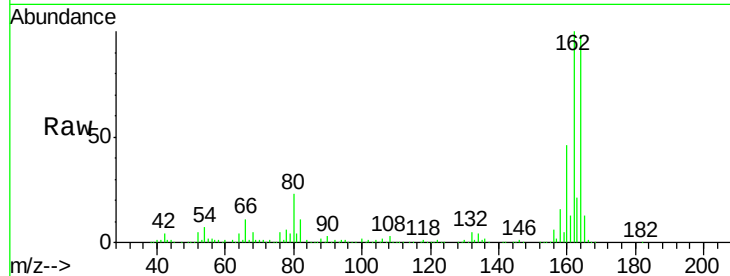
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF101913.D
Acq: 5 Jan 2018 4:13

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

Tot Ion	Ratio	Resp	Lower	Upper
164	100	169681		
162	102.1	86.1	129.1	
160	46.5	38.3	57.5	

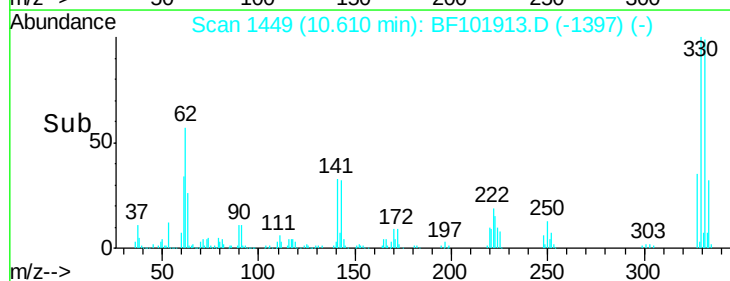
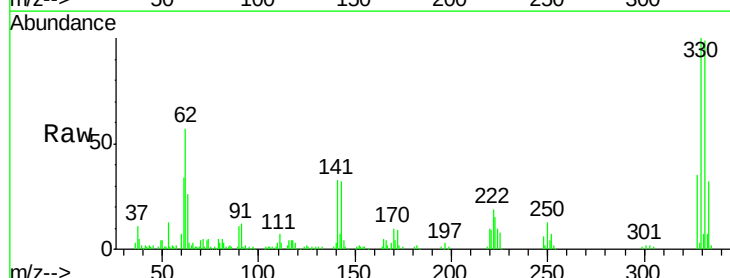
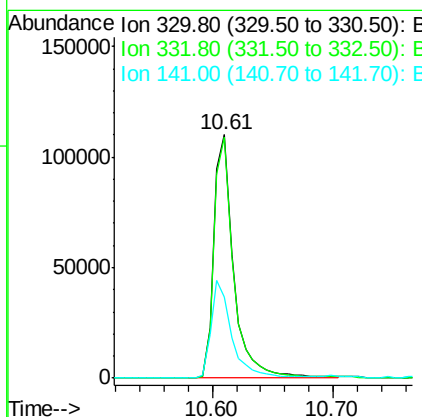
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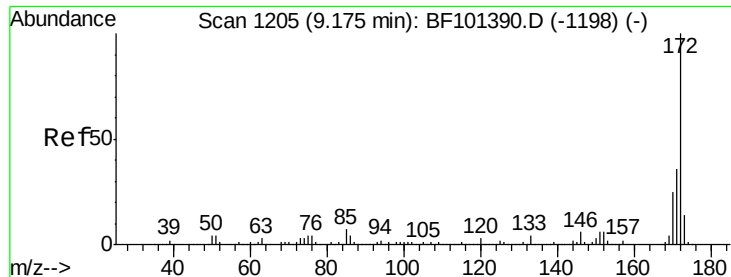
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#41
2,4,6-Tribromophenol
Concen: 75.843 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.01 min
Lab File: BF101913.D
Acq: 5 Jan 2018 4:13

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	124004		
332	98.8	77.0	115.6	
141	42.6	29.9	44.9	





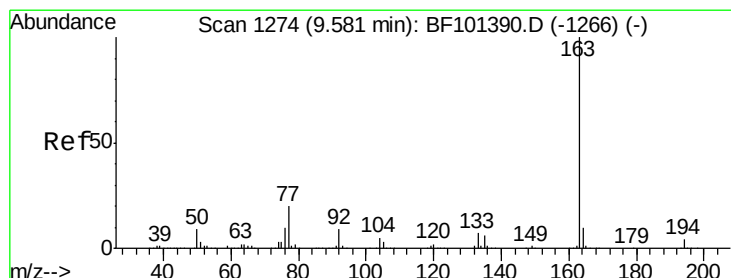
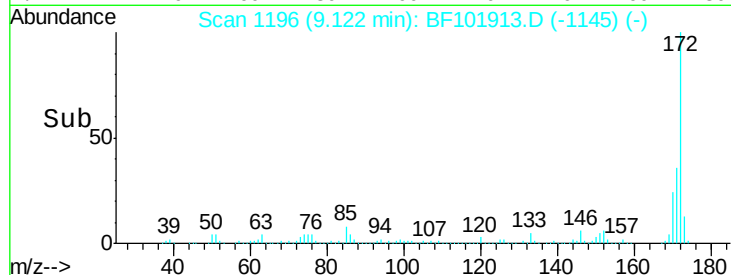
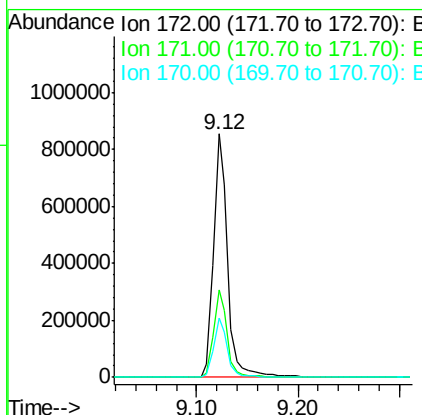
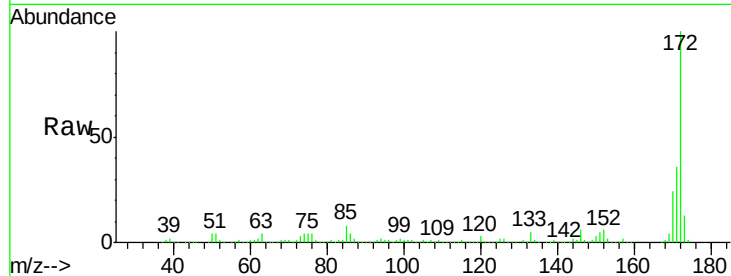
#44
2-Fluorobiphenyl
Concen: 75.326 ng
RT: 9.12 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BF101913.D
Acq: 5 Jan 2018 4:13

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.2	19.6	29.4

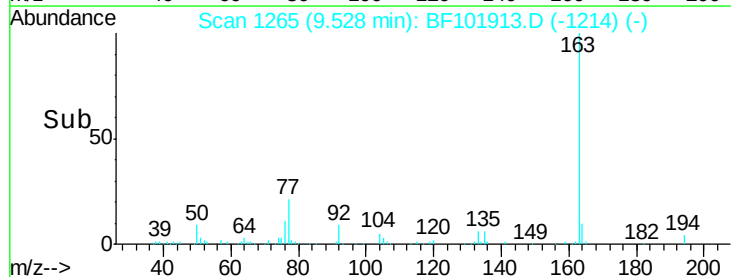
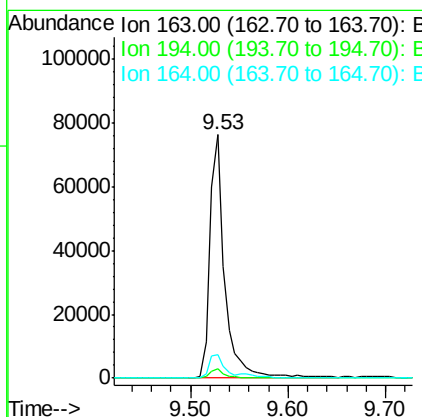
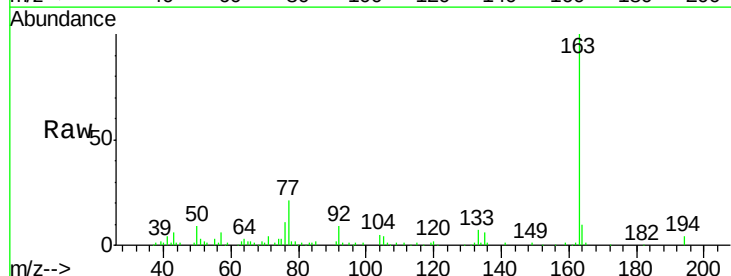
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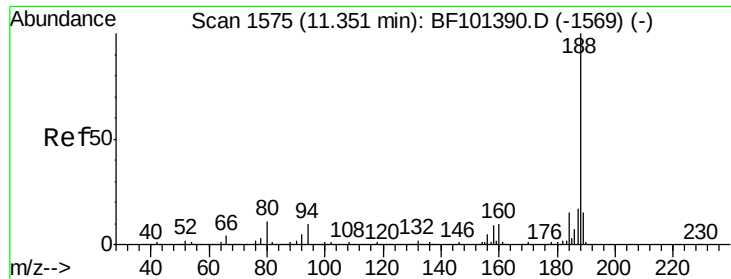
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#49
Dimethylphthalate
Concen: 5.895 ng
RT: 9.53 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BF101913.D
Acq: 5 Jan 2018 4:13

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.7	8.2	12.2





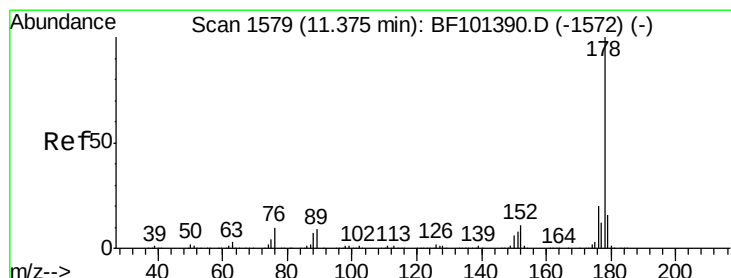
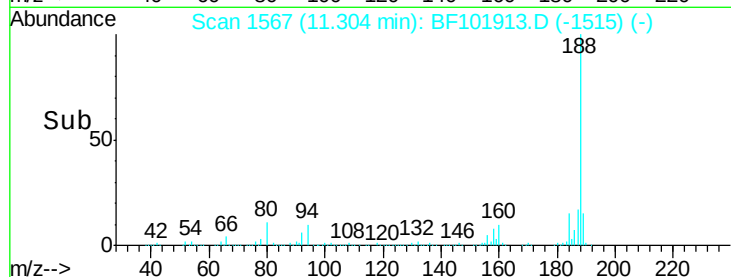
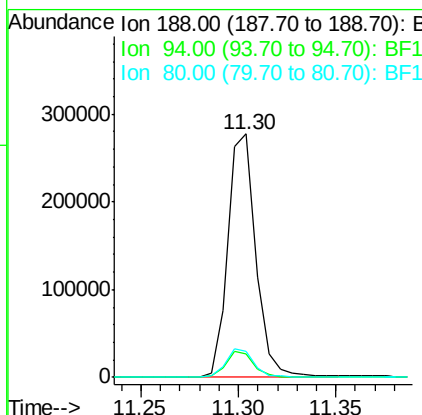
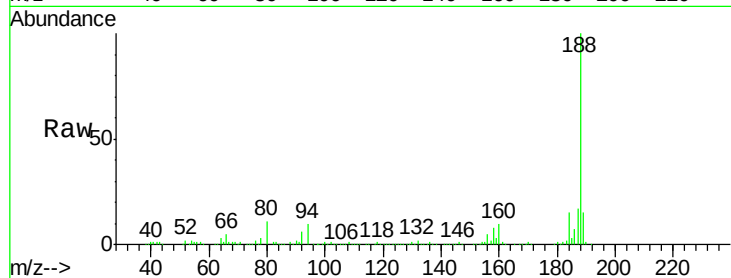
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.01 min
Lab File: BF101913.D
Acq: 5 Jan 2018 4:13

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.6	9.2	13.8

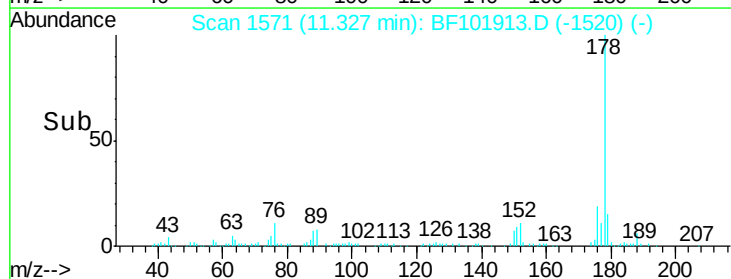
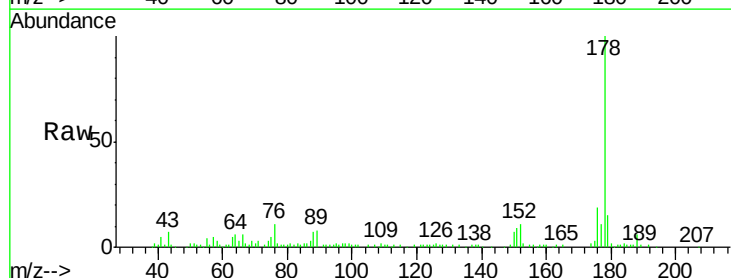
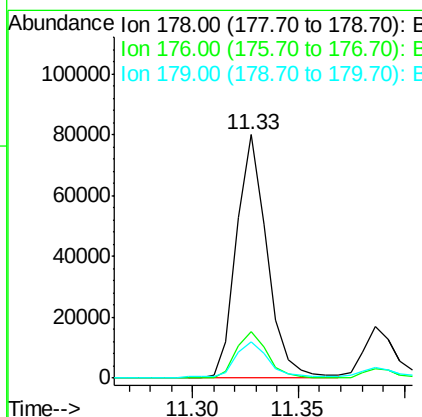
Manual Integrations
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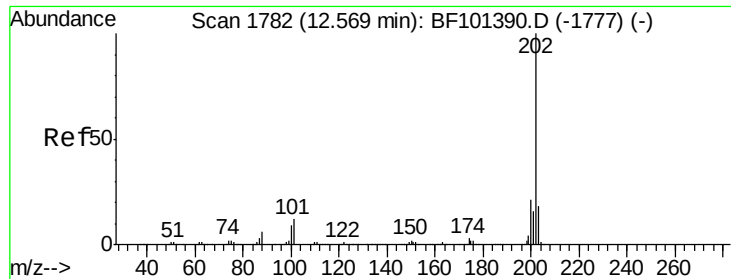
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#70
Phenanthrene
Concen: 5.233 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF101913.D
Acq: 5 Jan 2018 4:13

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.1	15.8	23.8
179	14.8	13.0	19.6





#74

Fluoranthene

Concen: 8.453 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.01 min

Lab File: BF101913.D

Acq: 5 Jan 2018 4:13

Instrument :

BNA_F

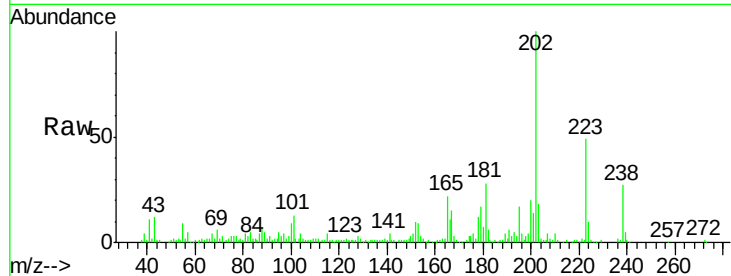
ClientSampleId :

SB-13-COMP

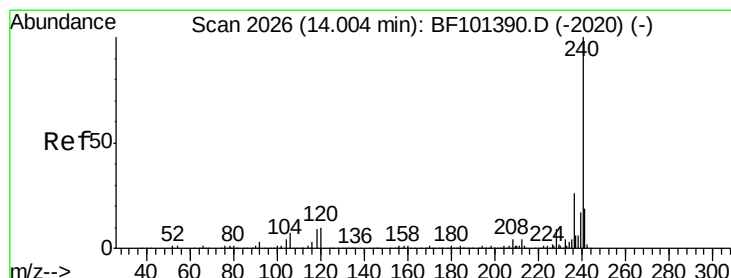
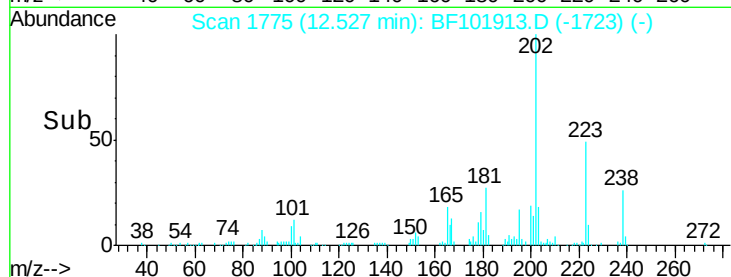
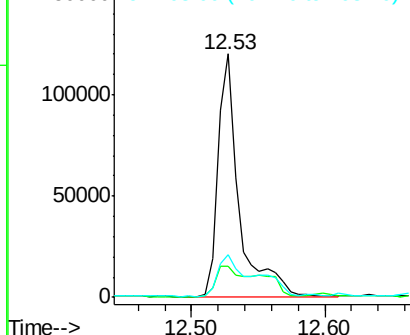
Tot Ion:	202	Resp:	136497
Ion Ratio		Lower	Upper
202	100		
101	12.6	0.0	34.1
203	17.6	0.0	38.1

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

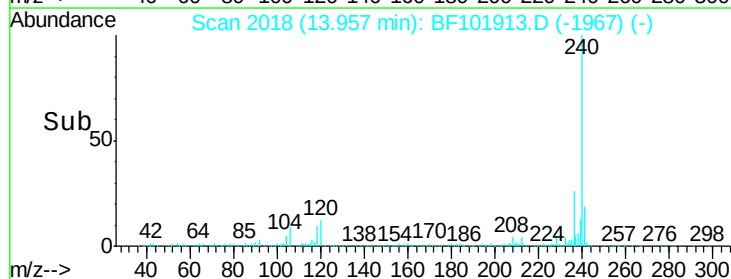
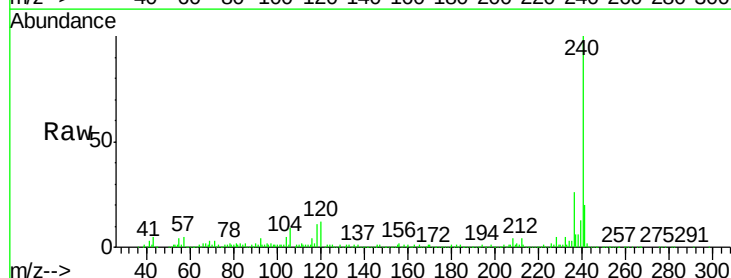
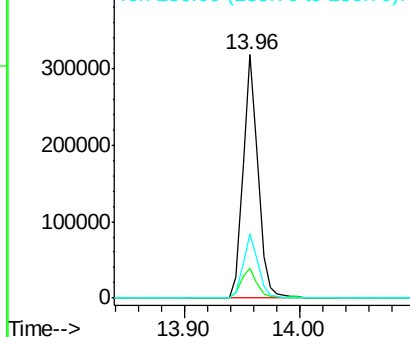
Delta R.T. 0.00 min

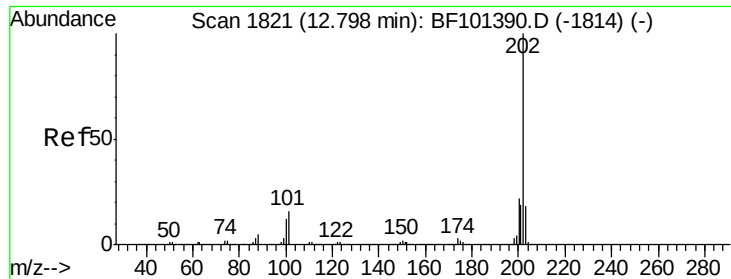
Lab File: BF101913.D

Acq: 5 Jan 2018 4:13

Tgt Ion:	240	Resp:	287086
Ion Ratio		Lower	Upper
240	100		
120	12.5	9.5	14.3
236	26.3	20.7	31.1

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





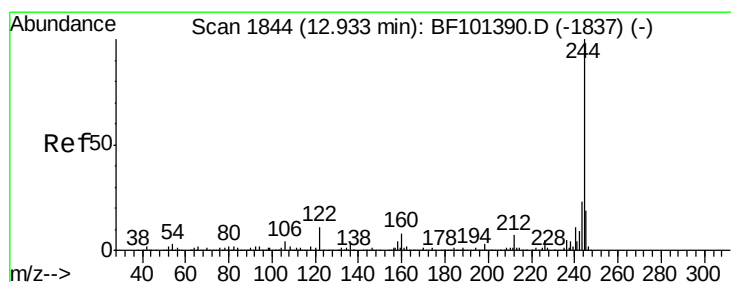
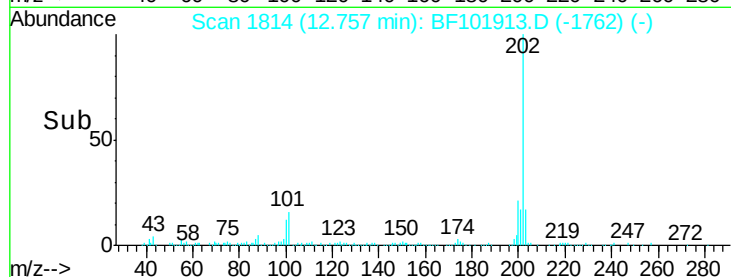
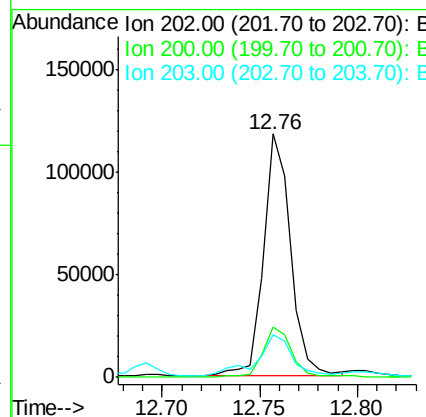
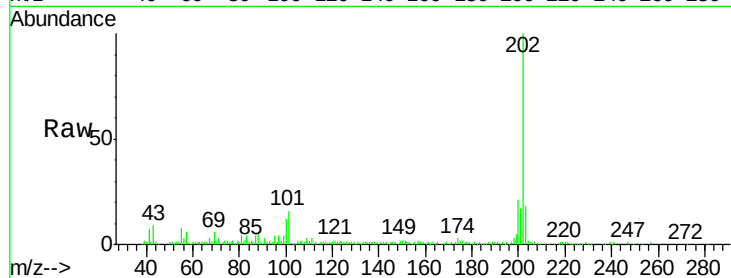
#77
Pvrene
Concen: 5.279 ng
RT: 12.76 min Scan# 1814
Delta R.T. 0.01 min
Lab File: BF101913.D
Acq: 5 Jan 2018 4:13

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
200	20.9	17.4	26.2		
203	17.6	14.3	21.5		

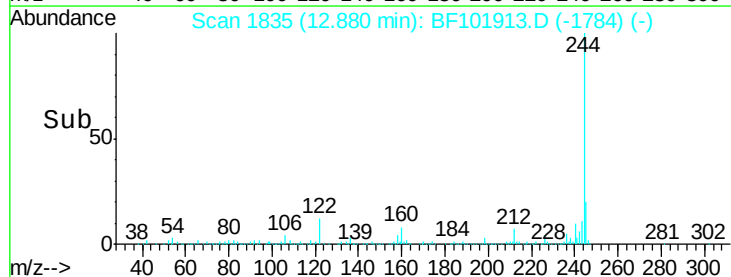
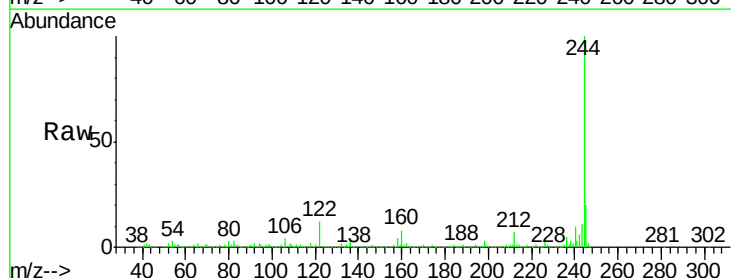
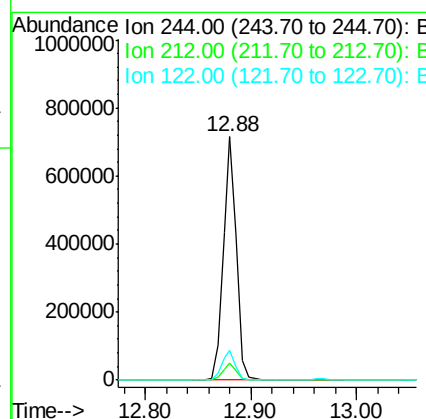
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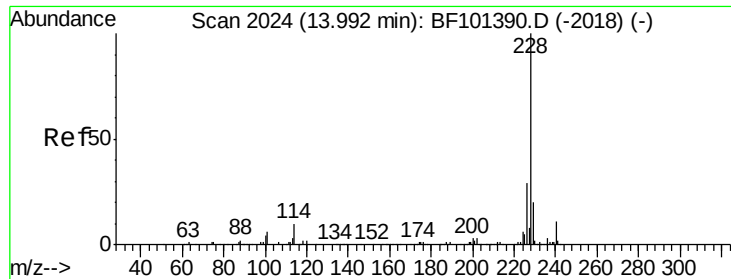
Sohil
1/5/2018 10:30:03 AM



#78
Terphenyl-d14
Concen: 52.541 ng
RT: 12.88 min Scan# 1835
Delta R.T. 0.00 min
Lab File: BF101913.D
Acq: 5 Jan 2018 4:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100				
212	7.1	5.4	8.0		
122	12.4	11.0	16.4		





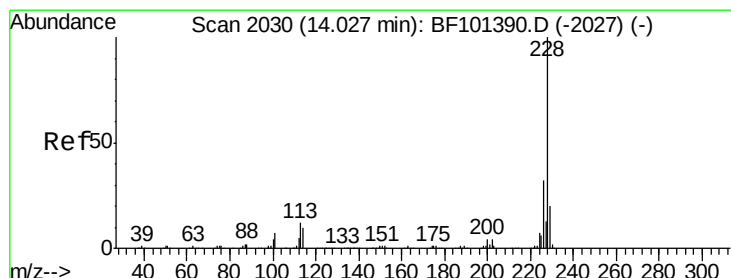
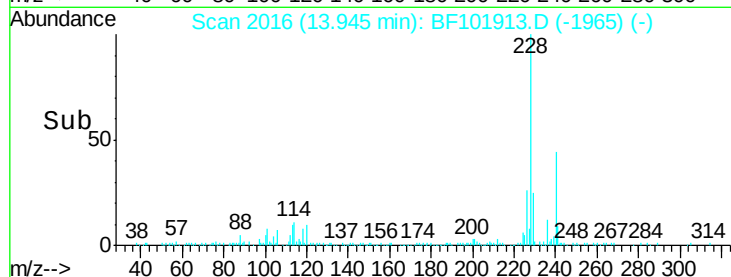
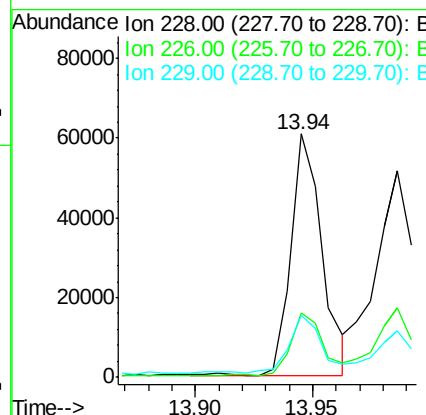
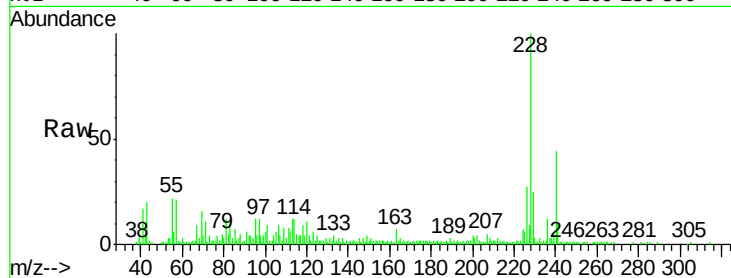
#80
Benzo(a)anthracene
Concen: 2.989 ng m
RT: 13.94 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BF101913.D
Acq: 5 Jan 2018 4:13

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.6	33.8
229	25.4	15.8	23.6

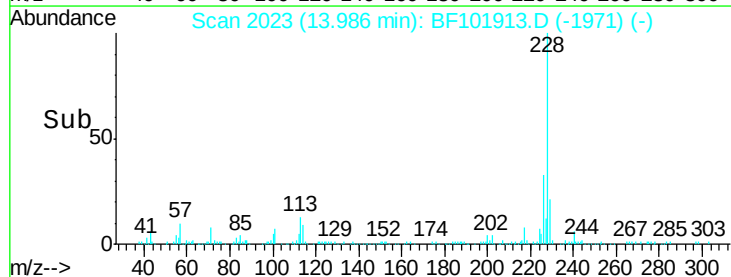
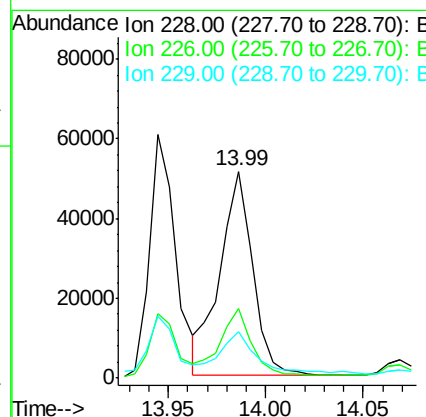
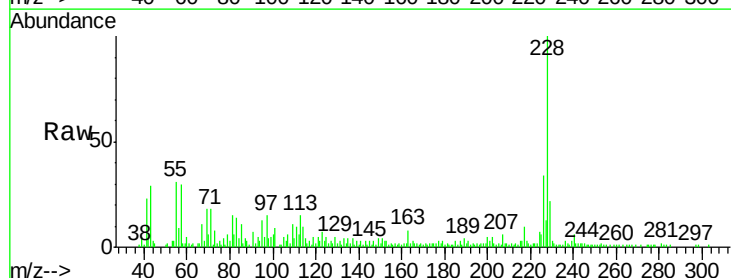
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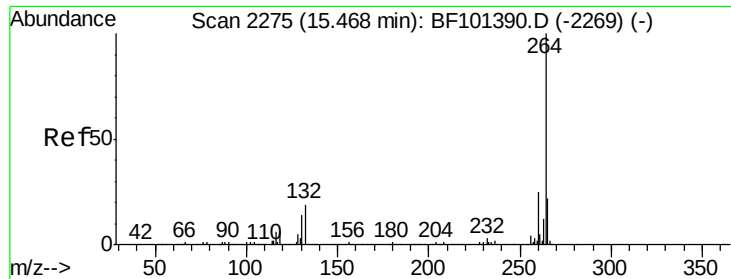
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1/5/2018 10:30:03 AM



#82
Chrysene
Concen: 3.370 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF101913.D
Acq: 5 Jan 2018 4:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.5	25.0	37.6
229	22.4	16.2	24.4





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2268

Delta R.T. 0.01 min

Lab File: BF101913.D

Acq: 5 Jan 2018 4:13

Instrument :

BNA_F

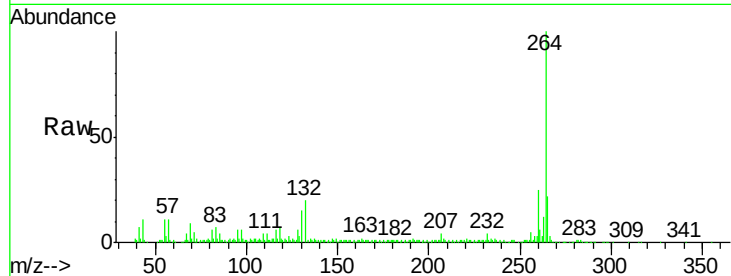
ClientSampleId :

SB-13-COMP

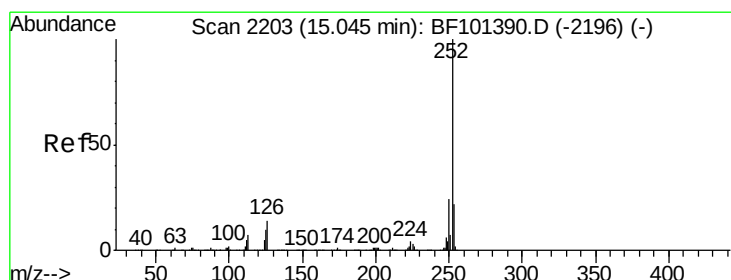
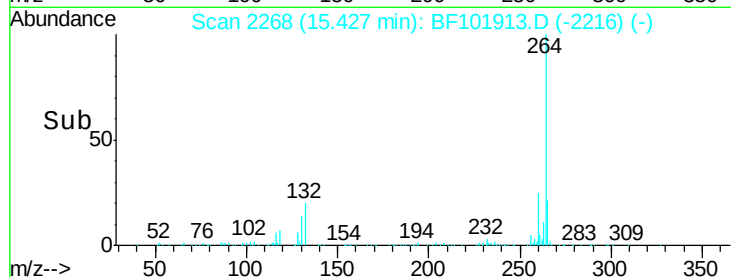
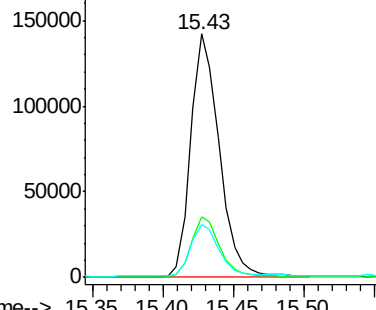
Tot Ion:	264	Resp:	200979
Ion Ratio		Lower	Upper
264	100		
260	25.0	19.2	28.8
265	21.8	17.5	26.3

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 4.132 ng m

RT: 15.01 min Scan# 2197

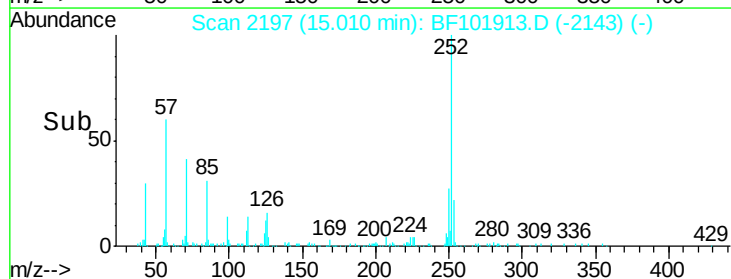
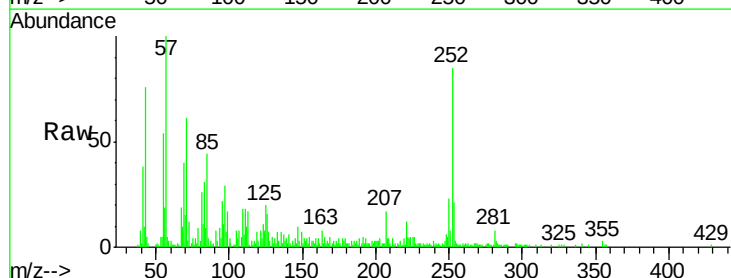
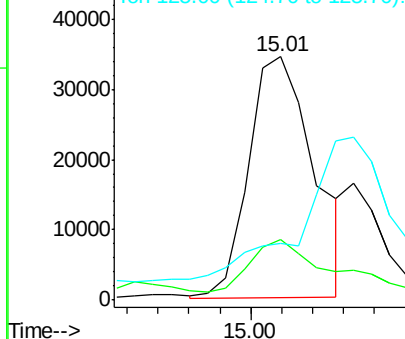
Delta R.T. 0.02 min

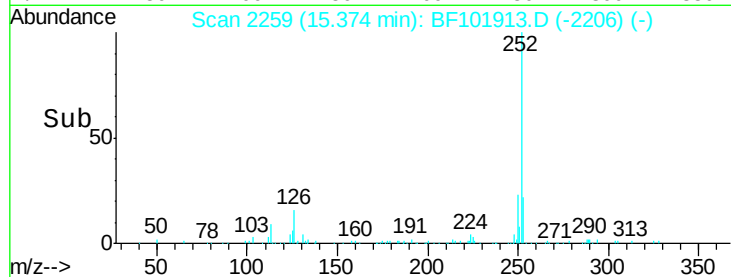
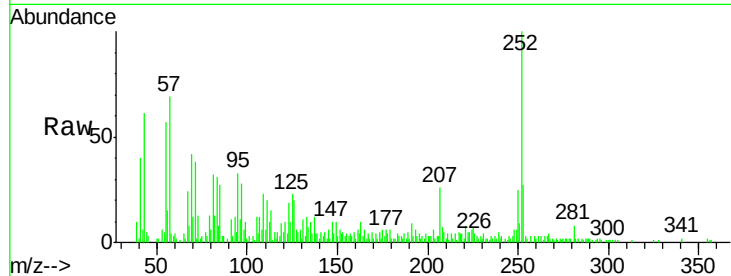
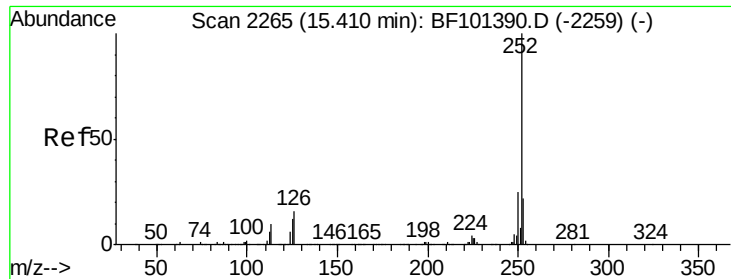
Lab File: BF101913.D

Acq: 5 Jan 2018 4:13

Tgt Ion:	252	Resp:	50621
Ion Ratio		Lower	Upper
252	100		
253	25.0	17.0	25.6
125	23.2	9.0	13.6#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 2.642 ng

RT: 15.37 min Scan# 2259

Delta R.T. 0.01 min

Lab File: BF101913.D

Acq: 5 Jan 2018 4:13

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP

Tot Ion:	252	Resp:	29841
Ion Ratio	Lower	Upper	
252	100		
253	26.6	17.1	25.7#
125	23.2	9.8	14.6#

Manual Integrations
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Sohil
1/5/2018 10:30:03 AM

