

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
 Data File : BF101912.D
 Acq On : 5 Jan 2018 3:46
 Operator : SJ/JU
 Sample : J1004-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

Manual Integrations
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Sohil
 1/5/2018 10:30:00 AM

Quant Time: Jan 05 05:57:27 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	146590	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	545644	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	186729	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	289600	20.00	ng	0.00
75) Chrysene-d12	13.96	240	296648	20.00	ng	0.00
86) Perylene-d12	15.43	264	208277	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	1030586	104.72	ng	0.00
7) Phenol-d6	6.42	99	1196616	97.70	ng	0.00
23) Nitrobenzene-d5	7.35	82	761680	77.71	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	135747	75.45	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	872556	72.49	ng	0.00
78) Terphenyl-d14	12.88	244	600494	48.80	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.44	94	54012	3.869	ng	# 56
49) Dimethylphthalate	9.53	163	83448	5.556	ng	99
70) Phenanthrene	11.33	178	56232	3.492	ng	97
74) Fluoranthene	12.52	202	108725	6.432	ng	100
77) Pyrene	12.76	202	99550	4.471	ng	99
80) Benzo(a)anthracene	13.99	228	60791	3.103	ng	97
82) Chrysene	13.99	228	60791	3.287	ng	98
87) Benzo(b)fluoranthene	15.00	252	53171m	4.188	ng	
89) Benzo(a)pyrene	15.37	252	35184	3.006	ng	# 90
91) Benzo(g,h,i)perylene	17.39	276	21478	2.159	ng	94

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

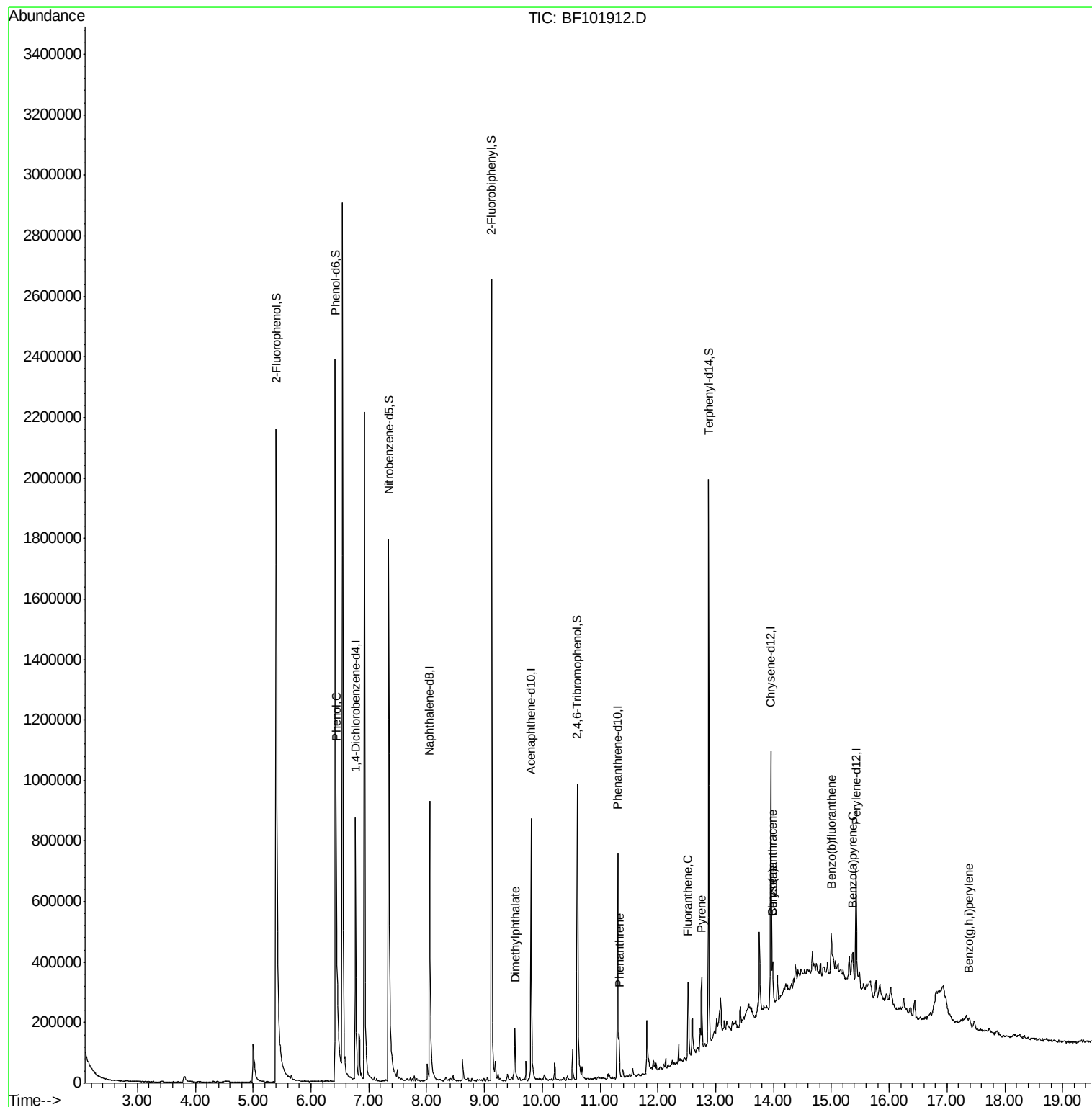
Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101912.D
Acq On : 5 Jan 2018 3:46
Operator : SJ/JU
Sample : J1004-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

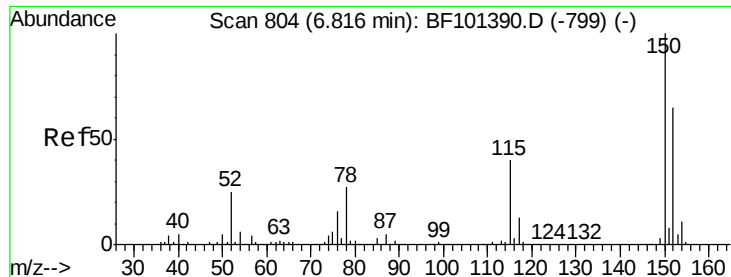
Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

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Sohil
1/5/2018 10:30:00 AM

Quant Time: Jan 05 05:57:27 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
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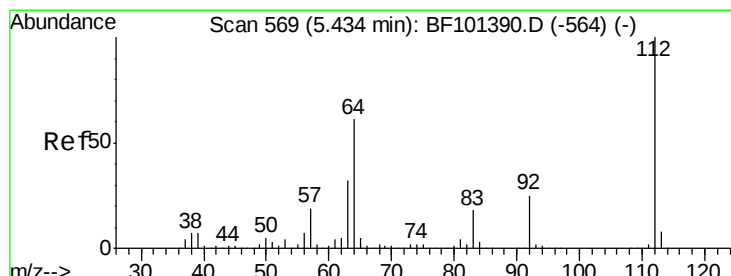
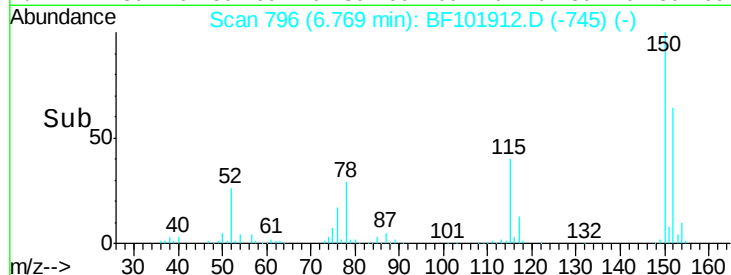
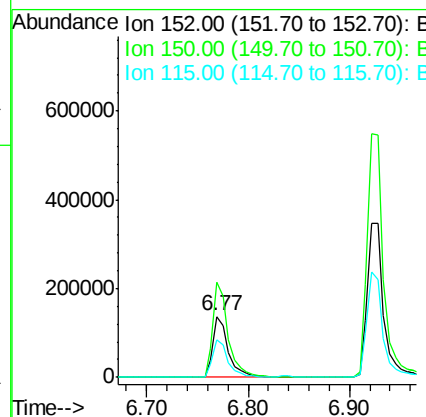
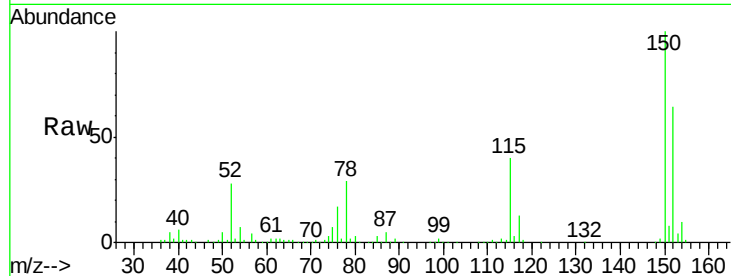
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF101912.D
 Acq: 5 Jan 2018 3:46

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	62.6	50.1	75.1

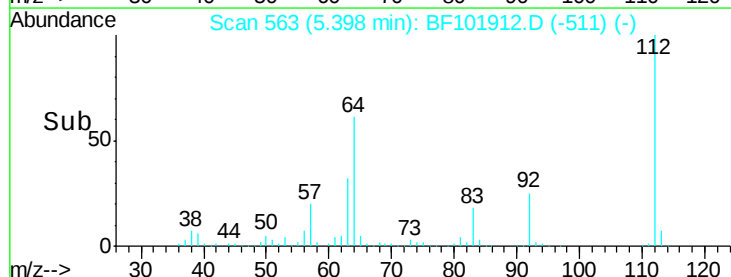
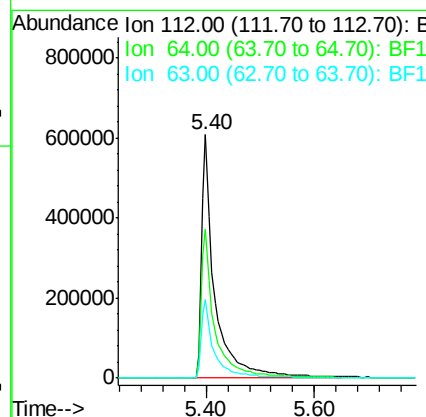
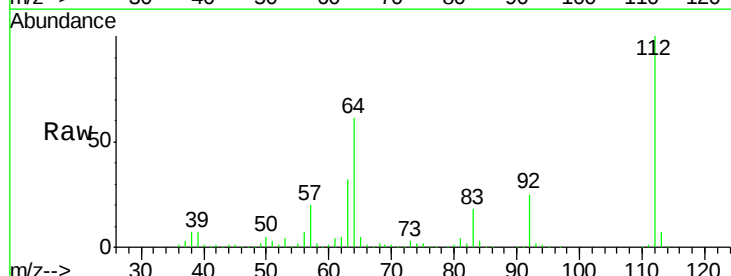
Manual Integrations
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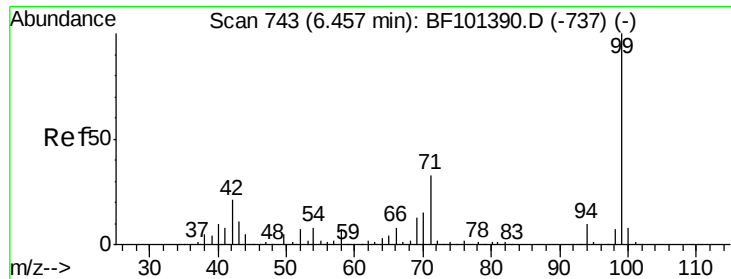
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#5
 2-Fluorophenol
 Concen: 104.723 ng
 RT: 5.40 min Scan# 563
 Delta R.T. 0.01 min
 Lab File: BF101912.D
 Acq: 5 Jan 2018 3:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.1	47.9	71.9
63	32.3	23.7	35.5





#7

Phenol-d6

Concen: 97.702 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF101912.D

Acq: 5 Jan 2018 3:46

Instrument :

BNA_F

ClientSampled :

SB-15-COMP

Tot Ion: 99 Resp: 1196616

Ion Ratio Lower Upper

99 100

42 21.3 14.5 21.7

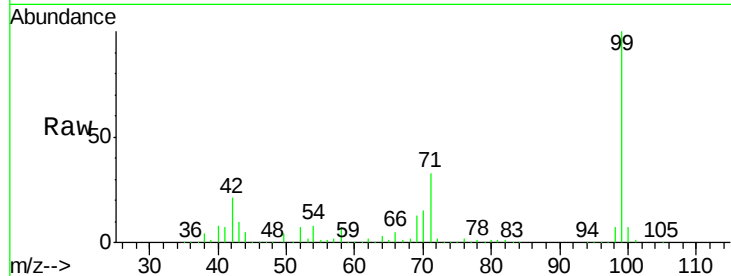
71 33.0 25.4 38.0

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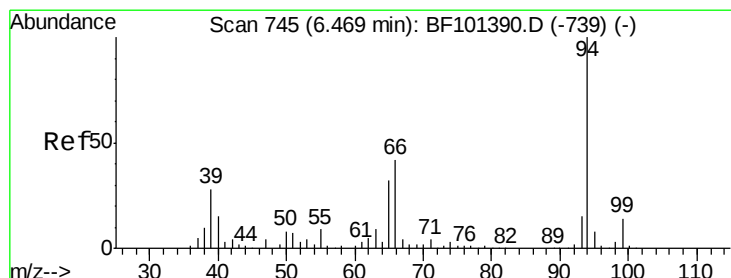
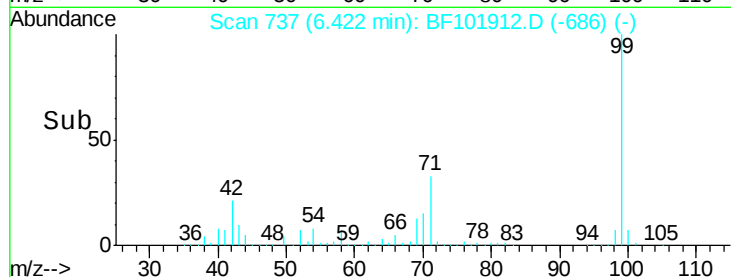
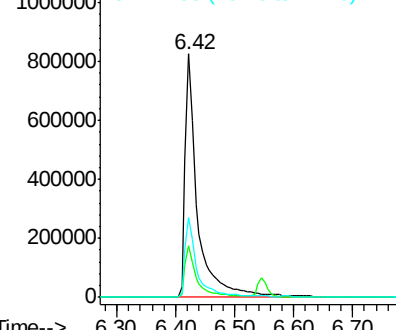
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.869 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101912.D

Acq: 5 Jan 2018 3:46

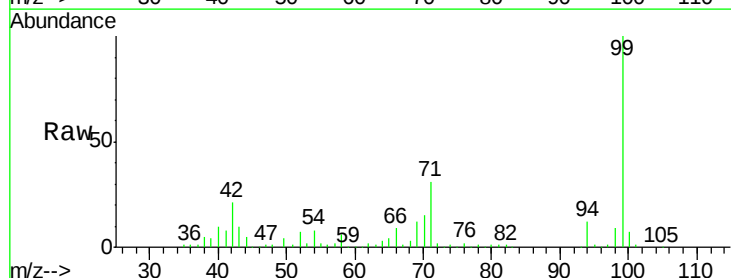
Tgt Ion: 94 Resp: 54012

Ion Ratio Lower Upper

94 100

65 35.6 7.9 47.9

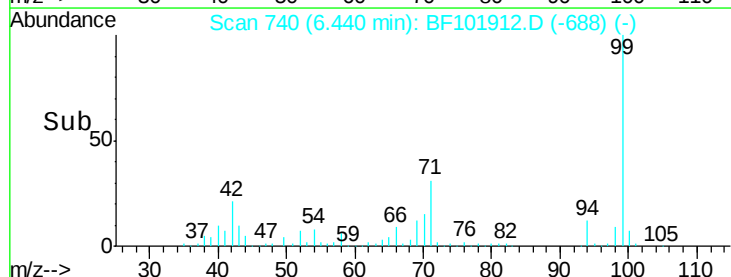
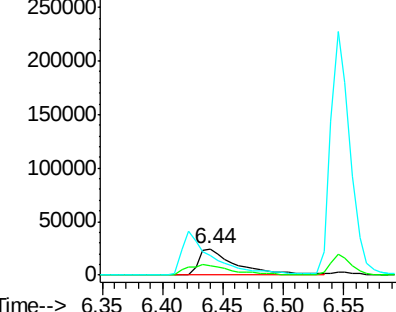
66 75.4 16.2 56.2#

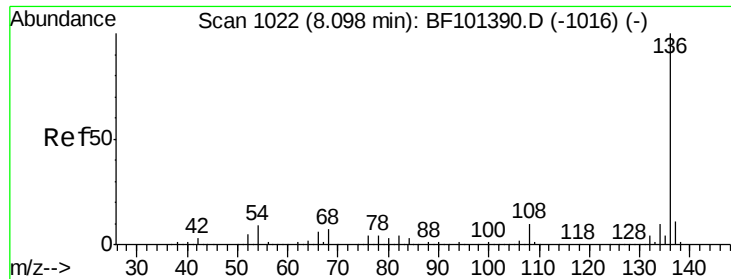


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





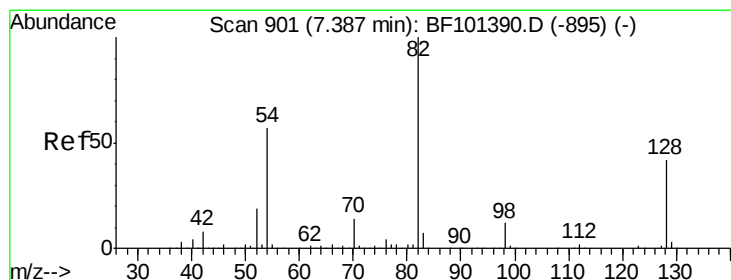
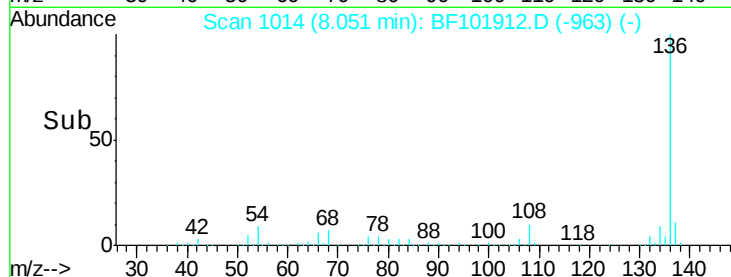
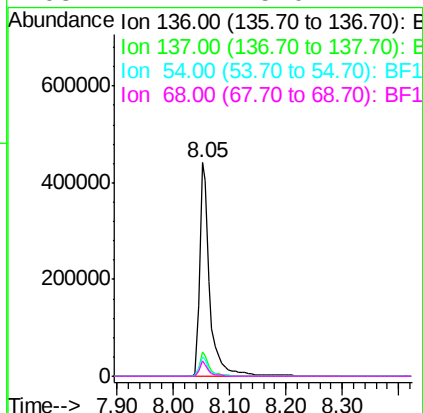
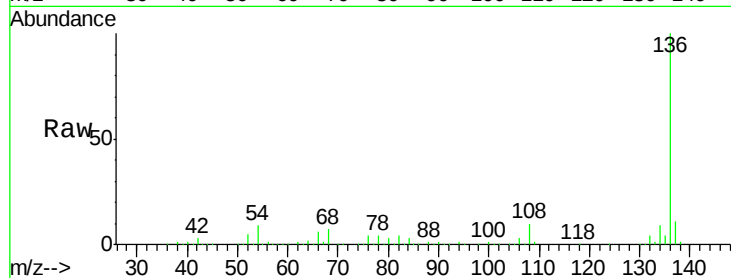
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF101912.D
Acq: 5 Jan 2018 3:46

Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		545644		
137	11.2		8.9	13.3	
54	9.3		6.6	9.8	
68	7.1		5.0	7.4	

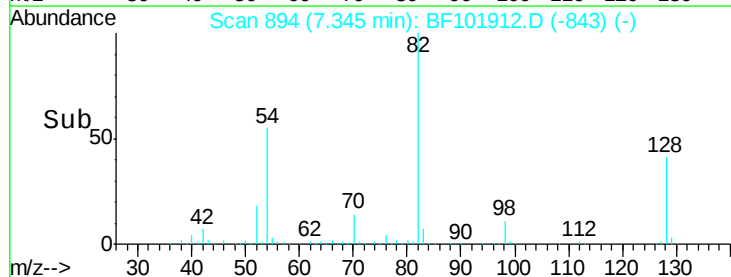
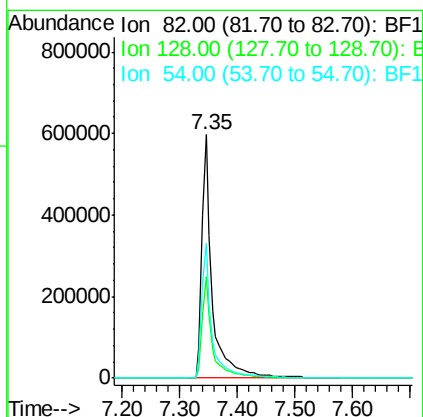
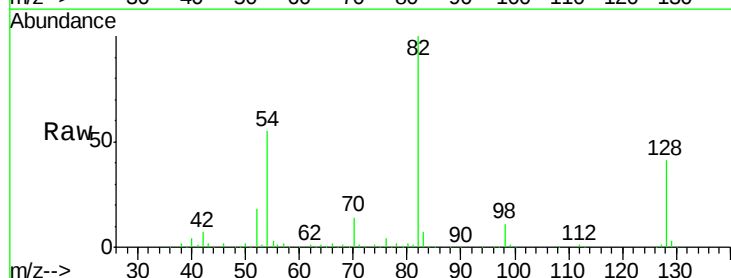
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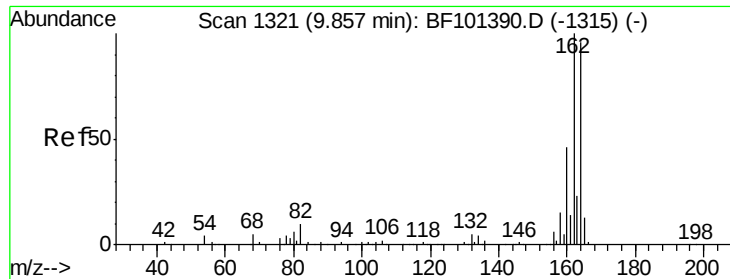
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#23
Nitrobenzene-d5
Concen: 77.705 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.00 min
Lab File: BF101912.D
Acq: 5 Jan 2018 3:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		761680		
128	41.5		36.1	54.1	
54	55.1		41.4	62.2	





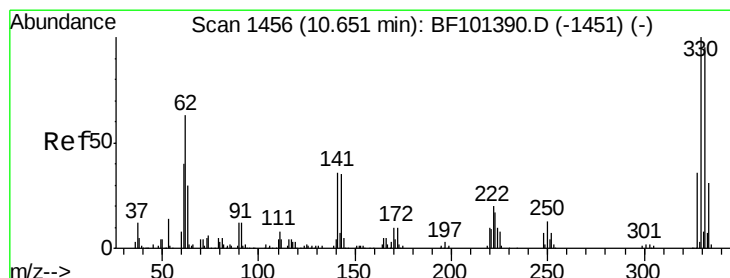
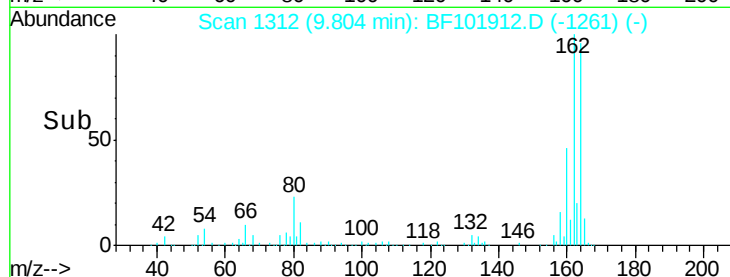
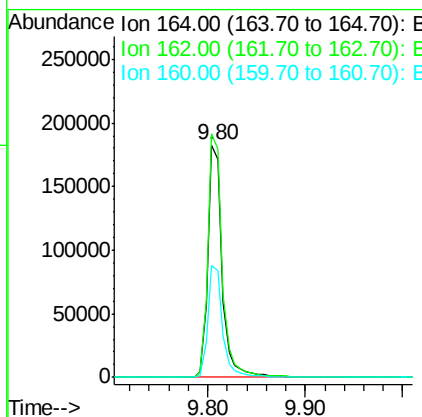
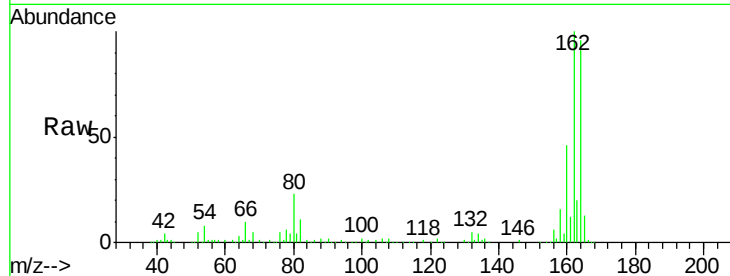
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: BF101912.D
 Acq: 5 Jan 2018 3:46

Instrument :
 BNA_F
 ClientSampled :
 SB-15-COMP

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	48.3	38.3	57.5

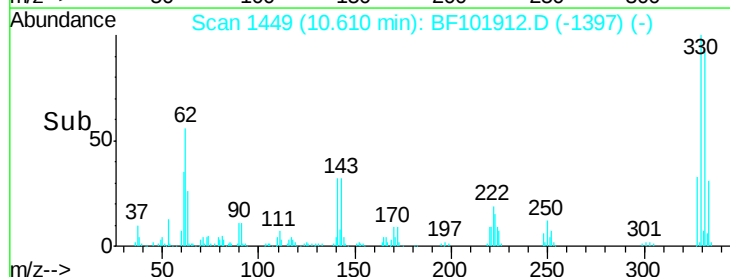
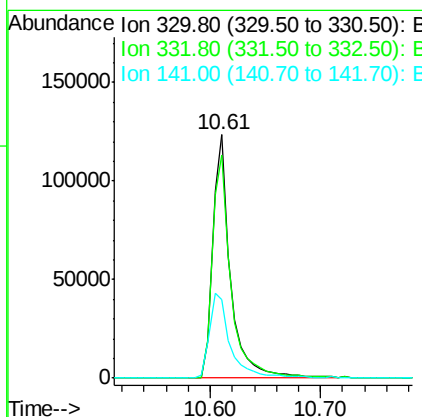
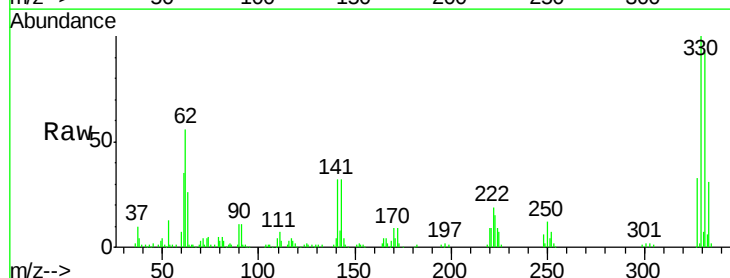
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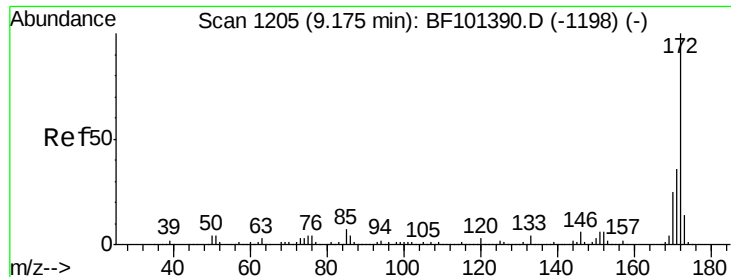
Sohil
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#41
 2,4,6-Tribromophenol
 Concen: 75.445 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.01 min
 Lab File: BF101912.D
 Acq: 5 Jan 2018 3:46

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	41.7	29.9	44.9





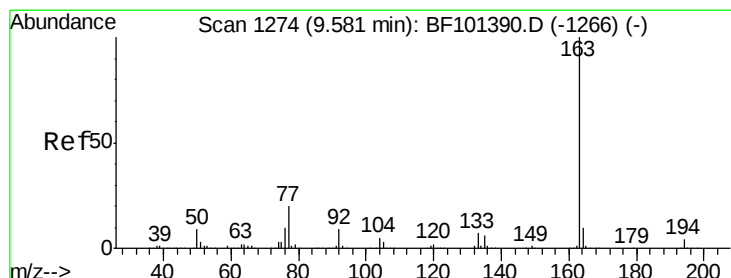
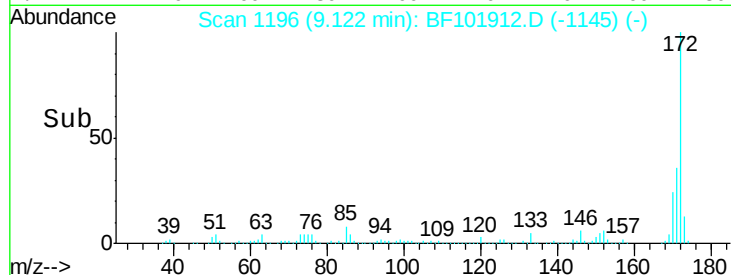
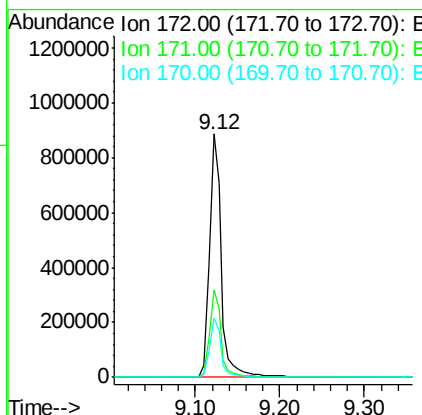
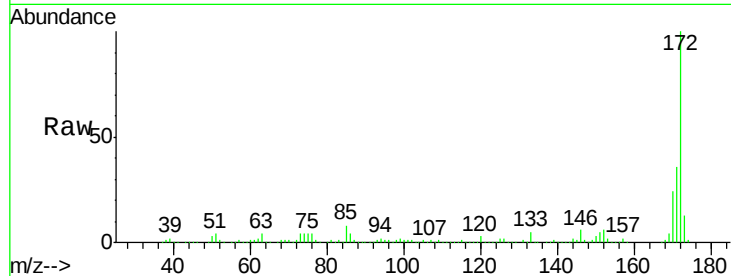
#44
2-Fluorobiphenyl
Concen: 72.487 ng
RT: 9.12 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BF101912.D
Acq: 5 Jan 2018 3:46

Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

Tot Ion	Ratio	Resp	Lower	Upper
172	100	872556		
171	36.2		29.7	44.5
170	24.2		19.6	29.4

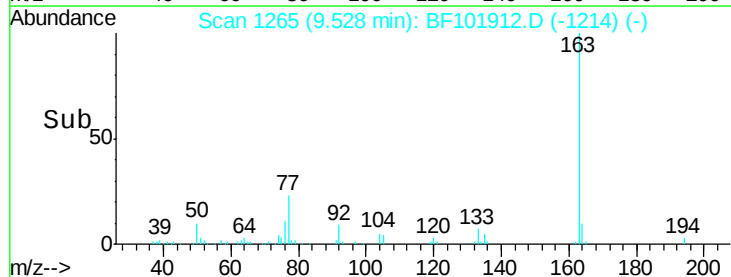
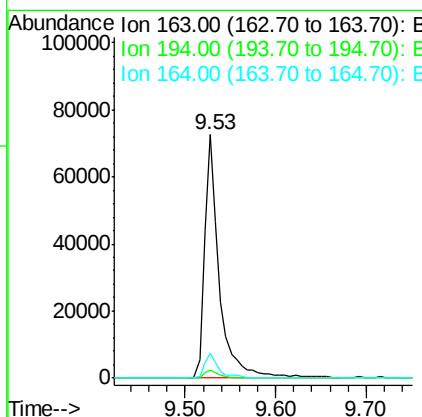
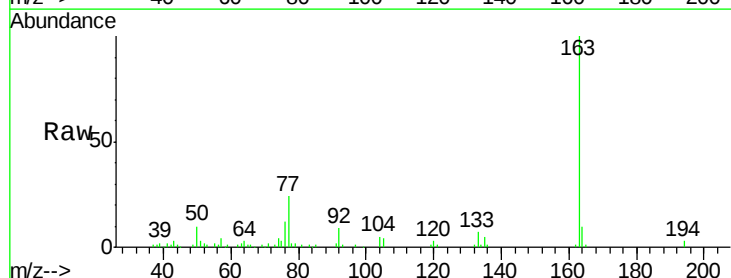
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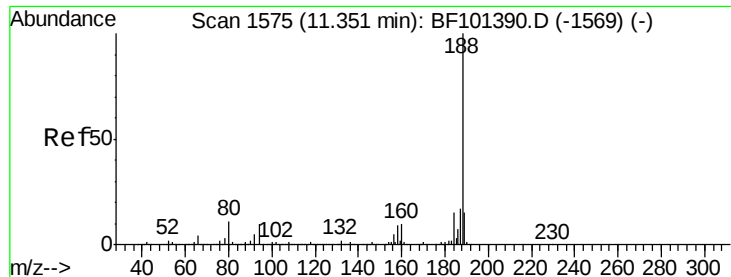
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#49
Dimethylphthalate
Concen: 5.556 ng
RT: 9.53 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BF101912.D
Acq: 5 Jan 2018 3:46

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	83448		
194	3.2		2.7	4.1
164	10.0		8.2	12.2





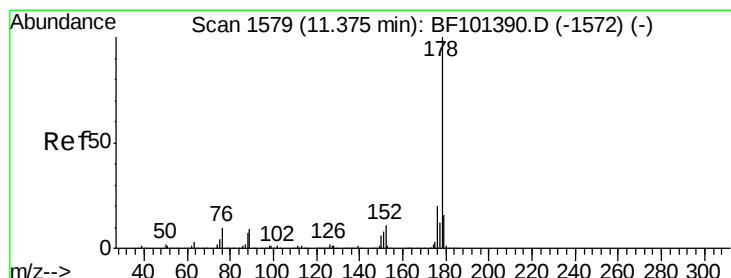
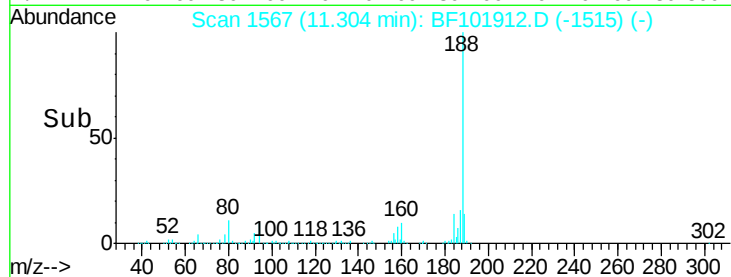
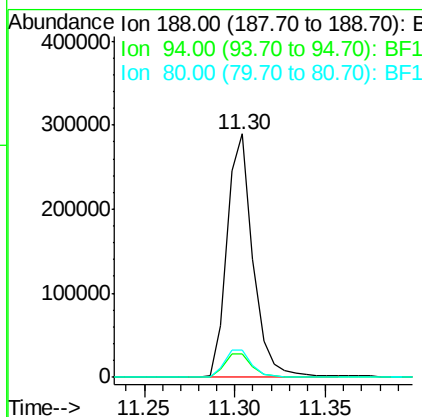
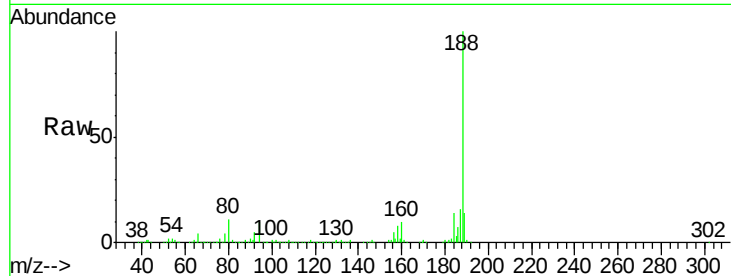
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Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.01 min
Lab File: BF101912.D
Acq: 5 Jan 2018 3:46

Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.8	8.5	12.7
80	11.0	9.2	13.8

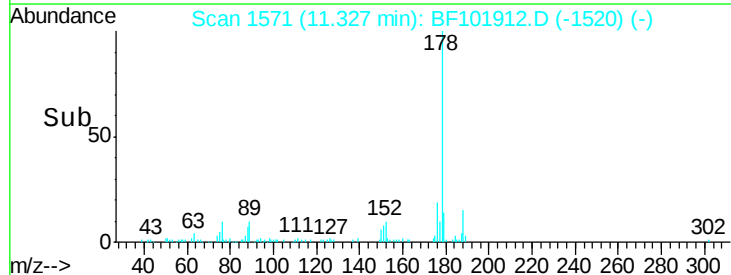
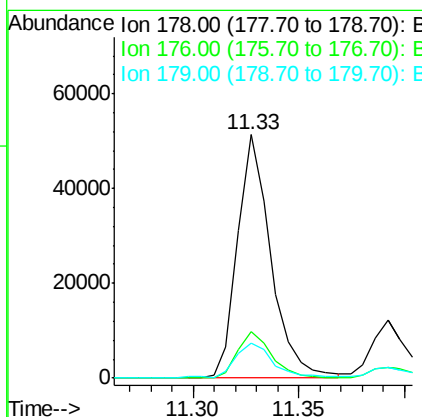
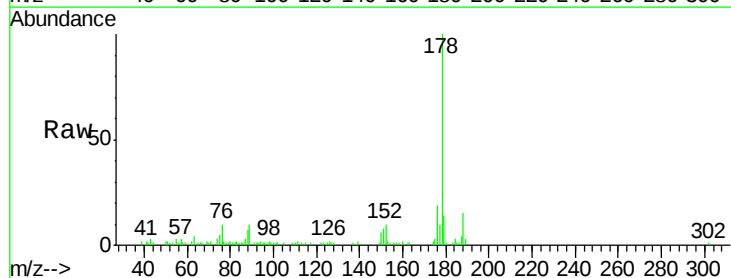
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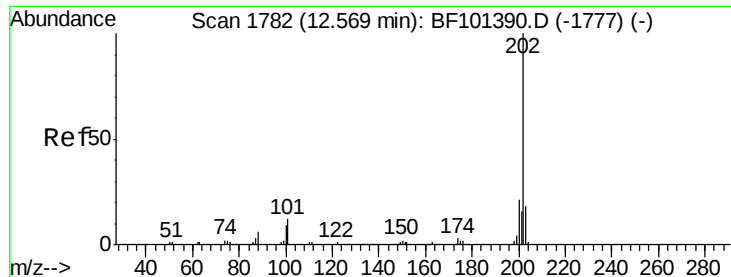
Sohil
1/5/2018 10:30:00 AM



#70
Phenanthrene
Concen: 3.492 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF101912.D
Acq: 5 Jan 2018 3:46

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.9	15.8	23.8
179	14.4	13.0	19.6





#74

Fluoranthene

Concen: 6.432 ng

RT: 12.52 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BF101912.D

Acq: 5 Jan 2018 3:46

Instrument :

BNA_F

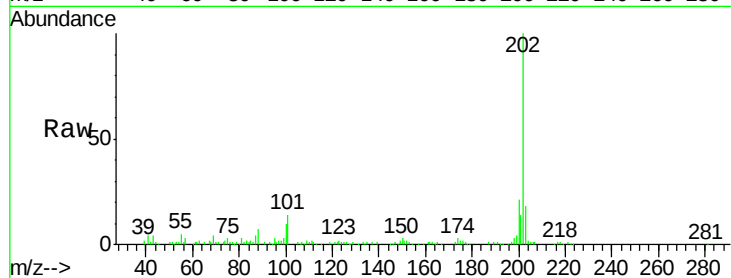
ClientSampleId :

SB-15-COMP

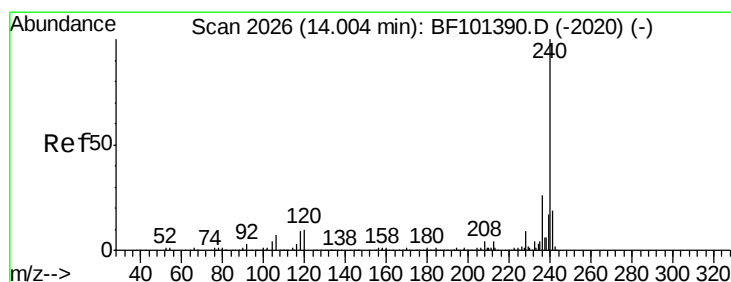
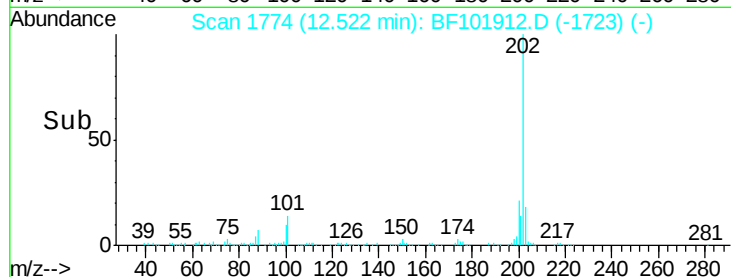
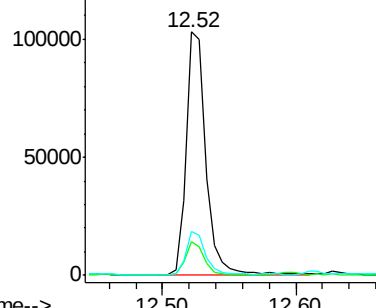
Tot Ion:	202	Resp:	108725
Ion Ratio	Lower	Upper	
202	100		
101	14.1	0.0	34.1
203	18.0	0.0	38.1

Manual Integrations
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1/5/2018 10:30:00 AM



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

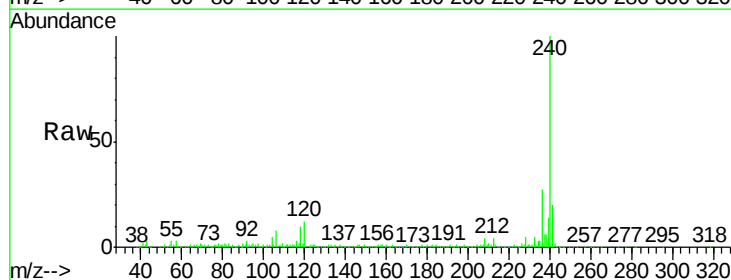
RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

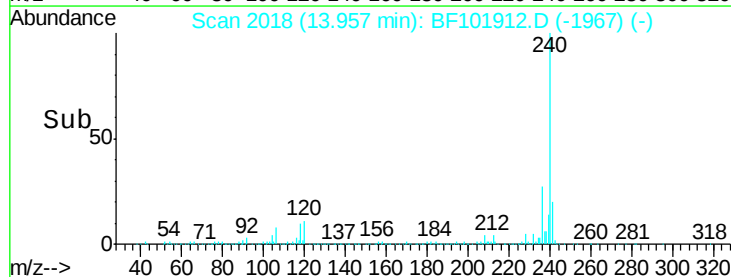
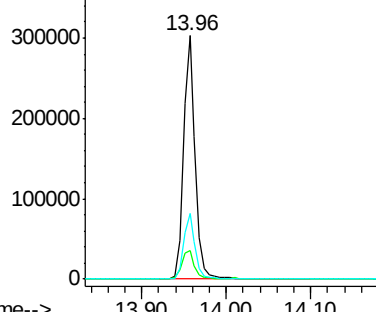
Lab File: BF101912.D

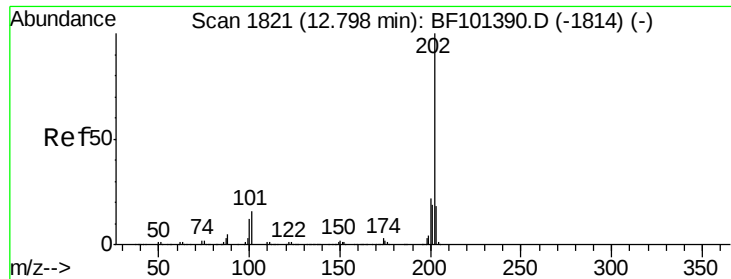
Acq: 5 Jan 2018 3:46

Tgt Ion:	240	Resp:	296648
Ion Ratio	Lower	Upper	
240	100		
120	11.8	9.5	14.3
236	26.8	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





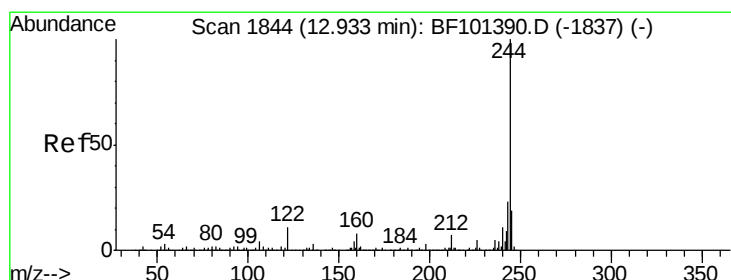
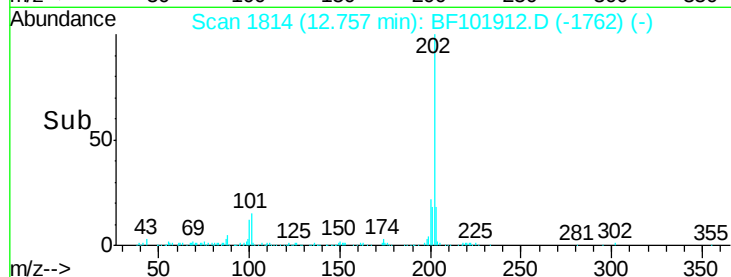
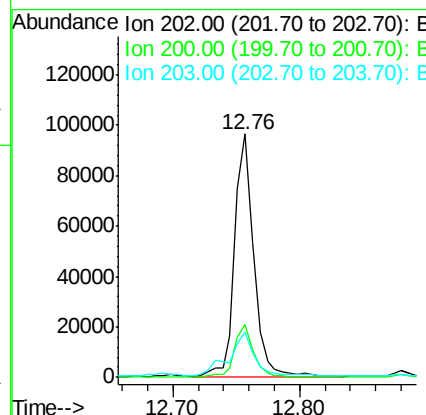
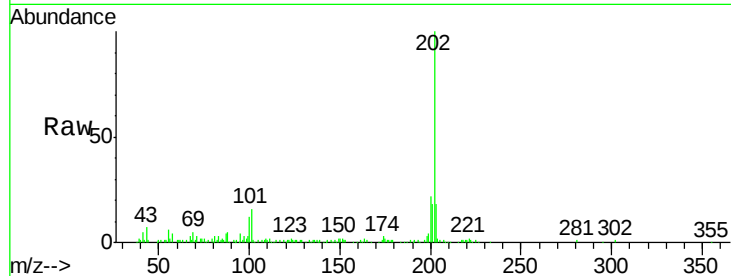
#77
Pvrene
Concen: 4.471 ng
RT: 12.76 min Scan# 1814
Delta R.T. 0.01 min
Lab File: BF101912.D
Acq: 5 Jan 2018 3:46

Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	18.5	14.3	21.5

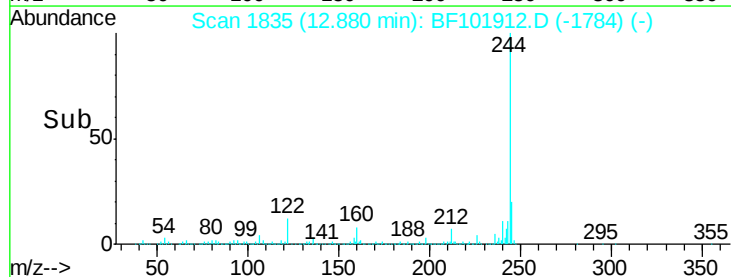
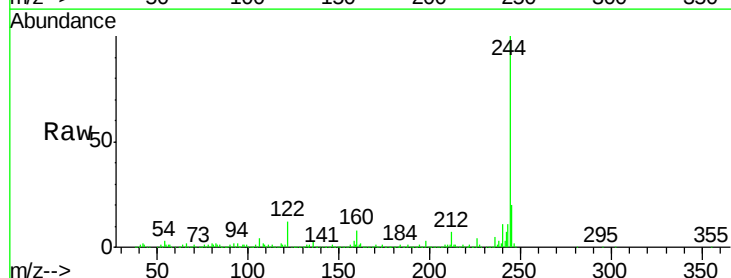
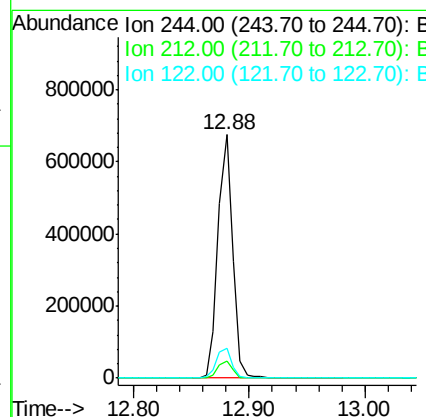
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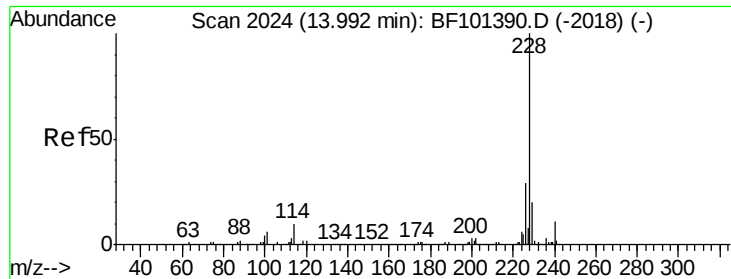
Sohil
1/5/2018 10:30:00 AM



#78
Terphenyl-d14
Concen: 48.800 ng
RT: 12.88 min Scan# 1835
Delta R.T. 0.00 min
Lab File: BF101912.D
Acq: 5 Jan 2018 3:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.4	11.0	16.4





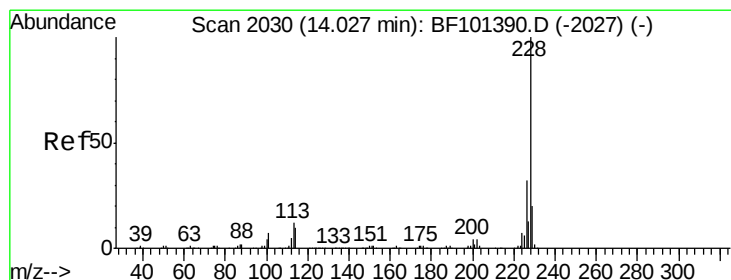
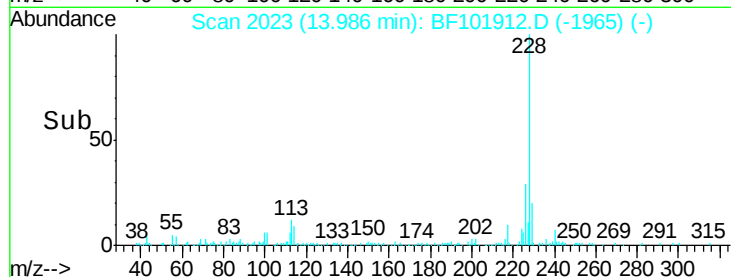
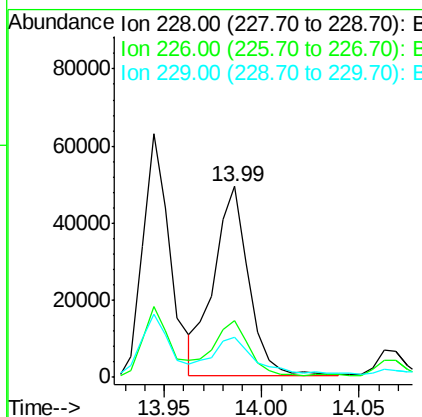
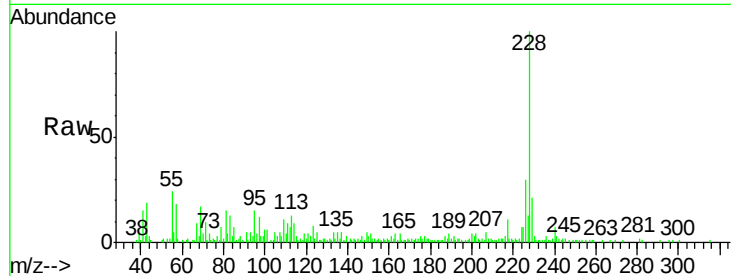
#80
Benzo(a)anthracene
Concen: 3.103 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.04 min
Lab File: BF101912.D
Acq: 5 Jan 2018 3:46

Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.6	33.8
229	21.1	15.8	23.6

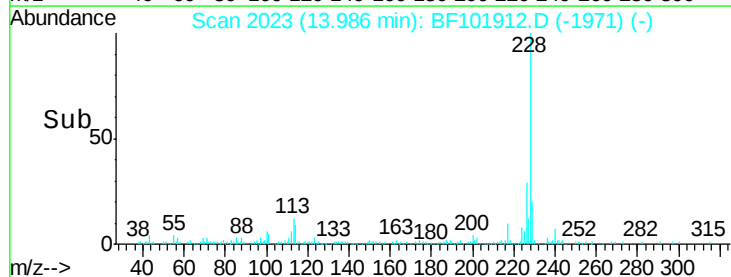
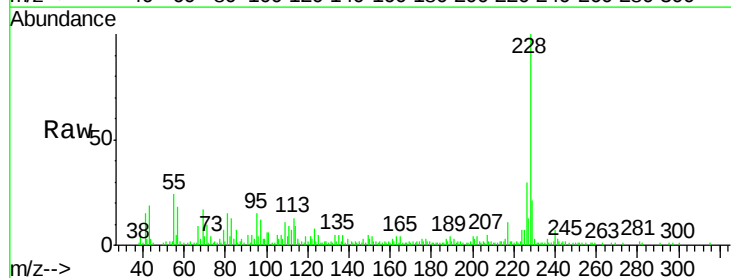
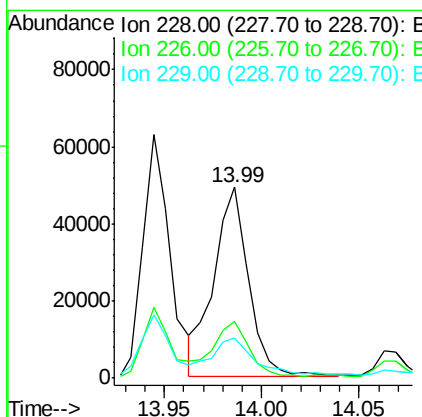
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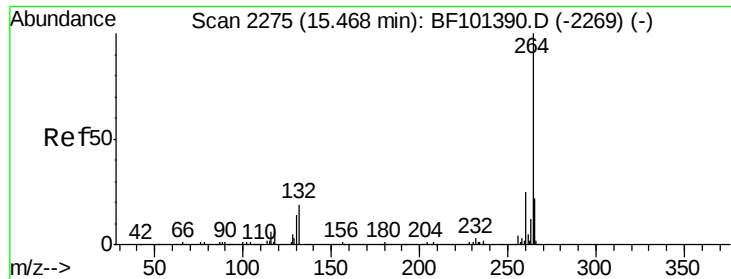
Sohil
1/5/2018 10:30:00 AM



#82
Chrysene
Concen: 3.287 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF101912.D
Acq: 5 Jan 2018 3:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	21.1	16.2	24.4





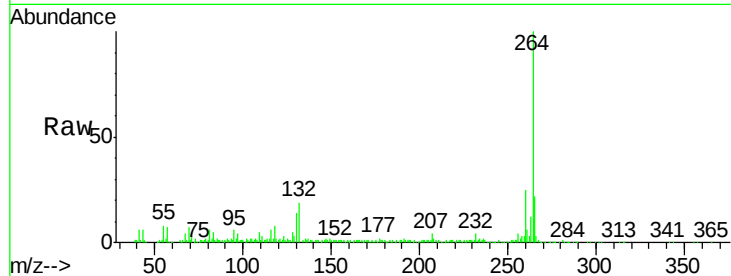
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF101912.D
Acq: 5 Jan 2018 3:46

Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

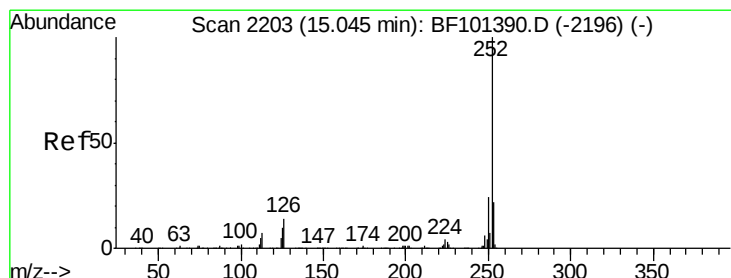
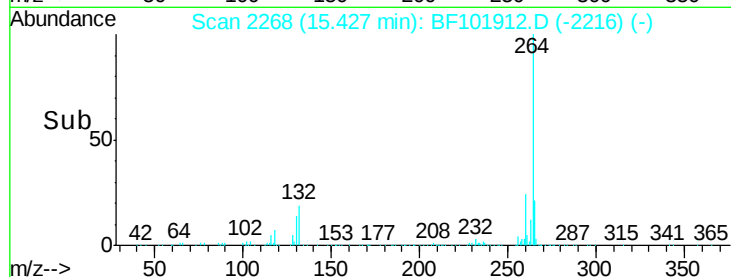
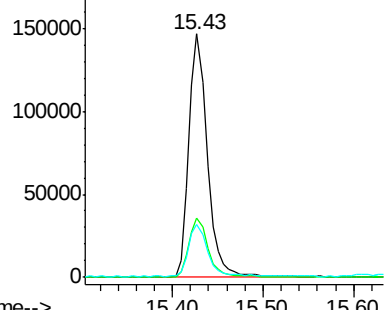
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.6	17.5	26.3

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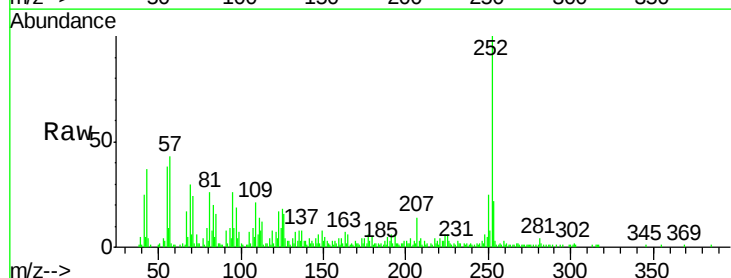


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

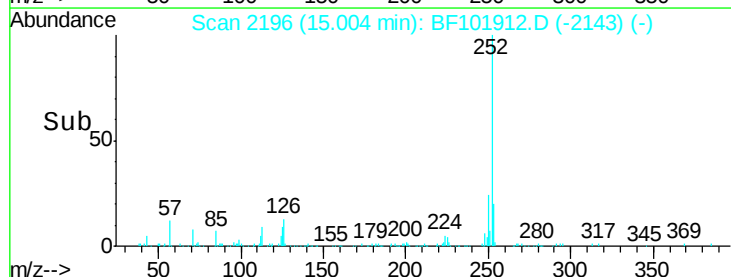
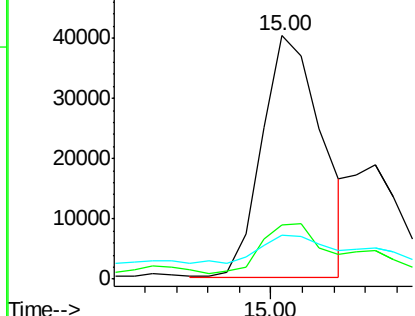


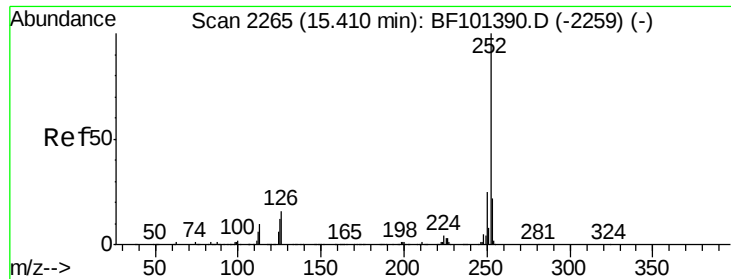
#87
Benzo(b)fluoranthene
Concen: 4.188 ng m
RT: 15.00 min Scan# 2196
Delta R.T. 0.01 min
Lab File: BF101912.D
Acq: 5 Jan 2018 3:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	18.3	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





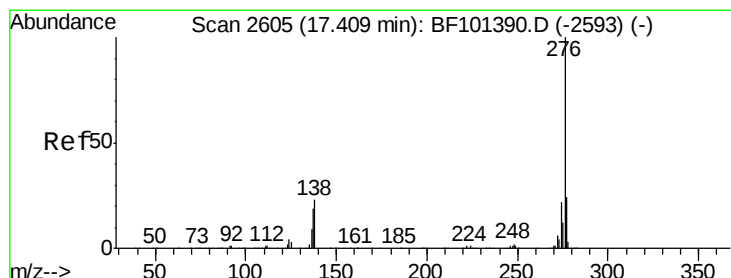
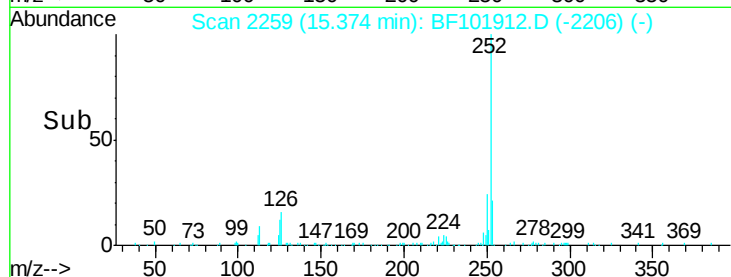
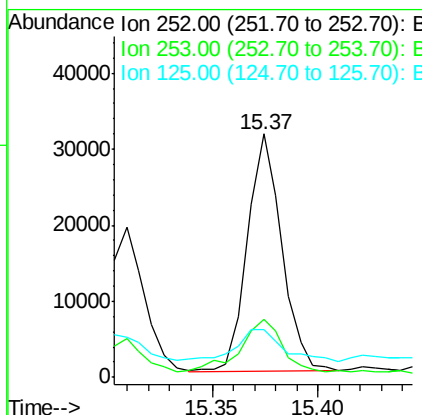
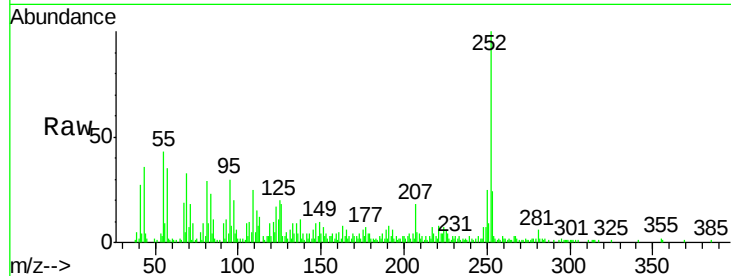
#89
Benzo(a)pyrene
Concen: 3.006 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF101912.D
Acq: 5 Jan 2018 3:46

Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	19.5	9.8	14.6

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#91
Benzo(g,h,i)perylene
Concen: 2.159 ng
RT: 17.39 min Scan# 2601
Delta R.T. 0.04 min
Lab File: BF101912.D
Acq: 5 Jan 2018 3:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.9	17.9	26.9
138	25.1	21.8	32.8

