

Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
 Data File : BF101929.D
 Acq On : 5 Jan 2018 15:01
 Operator : SJ/JU
 Sample : J1004-20
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-COMP

Manual Integrations
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Quant Time: Jan 05 15:49:52 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	141444	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	540992	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	200479	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	296382	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	265604	20.00	ng	-0.01
86) Perylene-d12	15.43	264	208287	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1027855	108.25	ng	0.00
7) Phenol-d6	6.43	99	1213459	102.68	ng	0.00
23) Nitrobenzene-d5	7.35	82	745372	76.70	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	149636	77.46	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	880820	68.15	ng	-0.01
78) Terphenyl-d14	12.88	244	559747	50.81	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.53	163	81925	5.080	ng	99
70) Phenanthrene	11.33	178	72198	4.380	ng	99
74) Fluoranthene	12.53	202	98228	5.678	ng	98
77) Pyrene	12.76	202	82924	4.160	ng	98
80) Benzo(a)anthracene	13.95	228	54390m	3.101	ng	
82) Chrysene	13.99	228	48920	2.954	ng	98
87) Benzo(b)fluoranthene	15.01	252	54154m	4.266	ng	
89) Benzo(a)pyrene	15.38	252	38413	3.282	ng	# 86

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

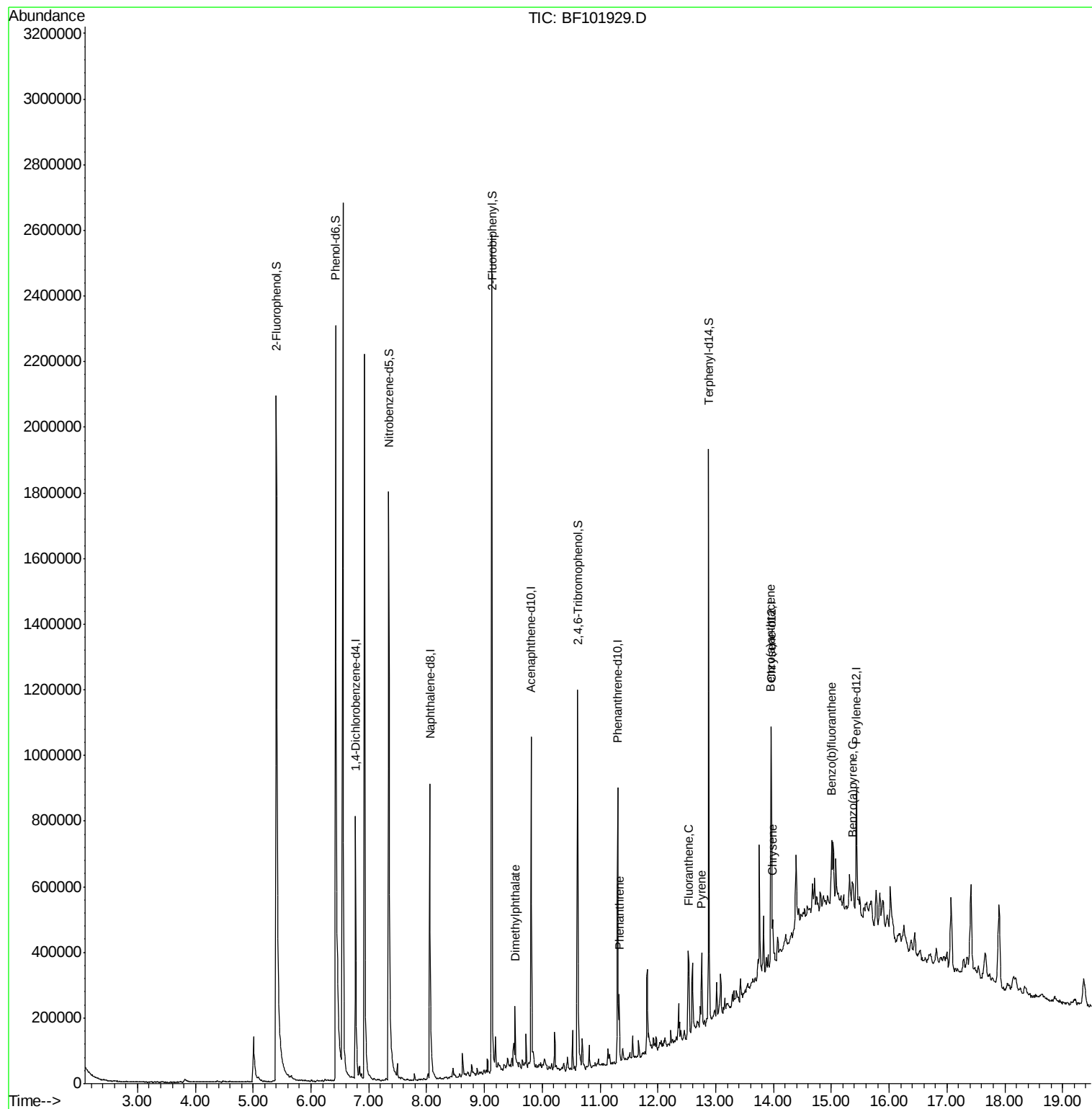
Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
Data File : BF101929.D
Acq On : 5 Jan 2018 15:01
Operator : SJ/JU
Sample : J1004-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

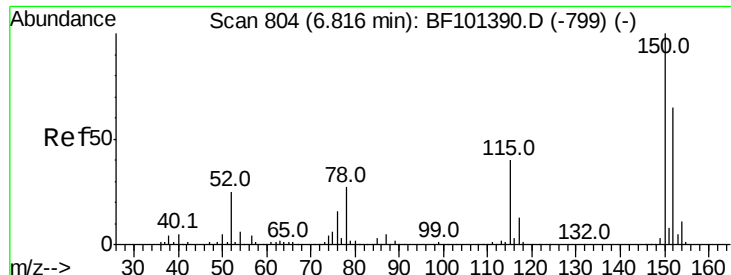
Instrument :
BNA_F
ClientSampleId :
SB-11-COMP

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Quant Time: Jan 05 15:49:52 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

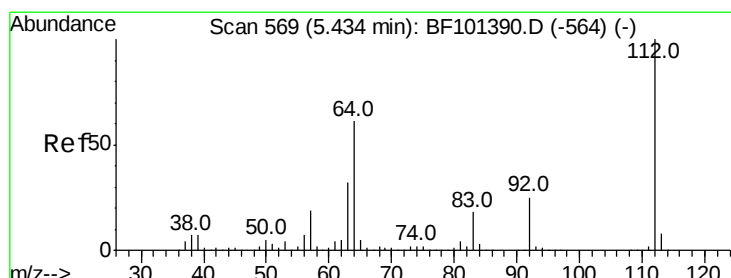
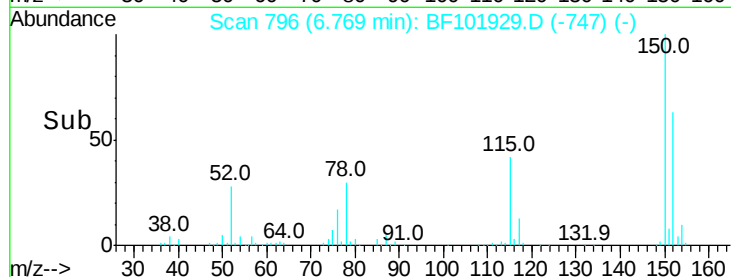
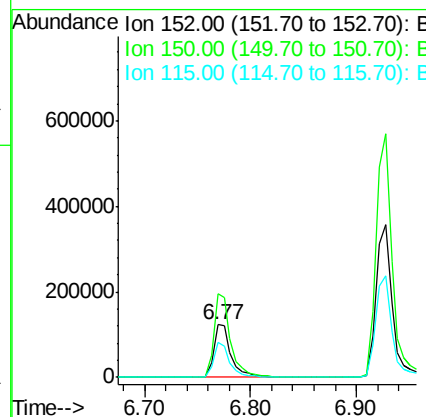
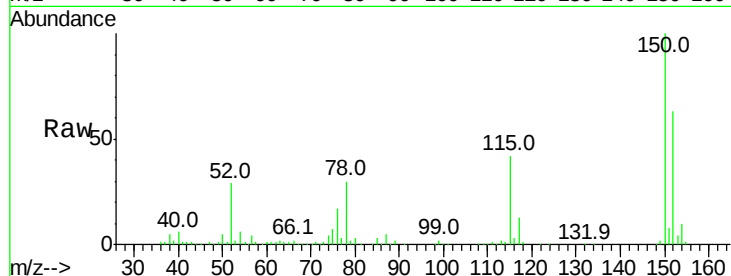
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF101929.D
Acq: 5 Jan 2018 15:01

Instrument :
BNA_F
ClientSampleId :
SB-11-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.6	186.8
115	67.7	50.1	75.1

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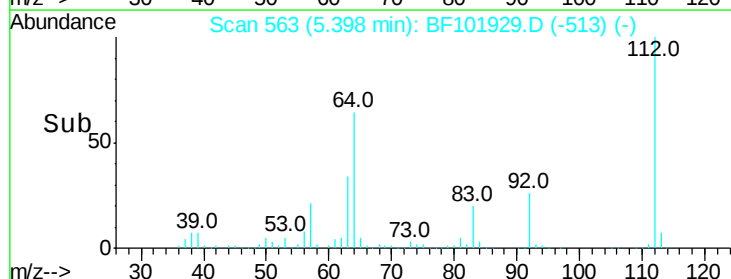
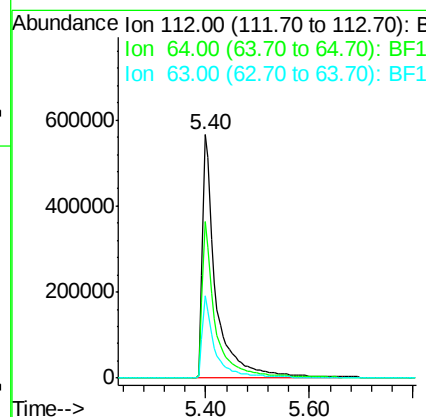
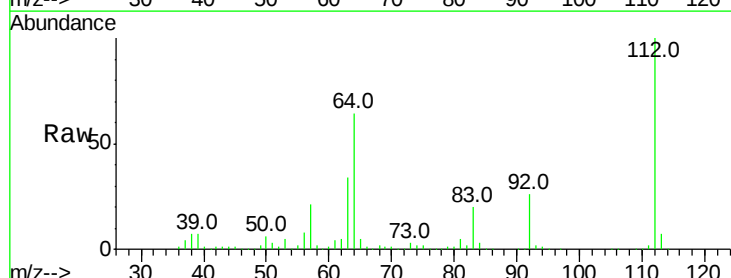
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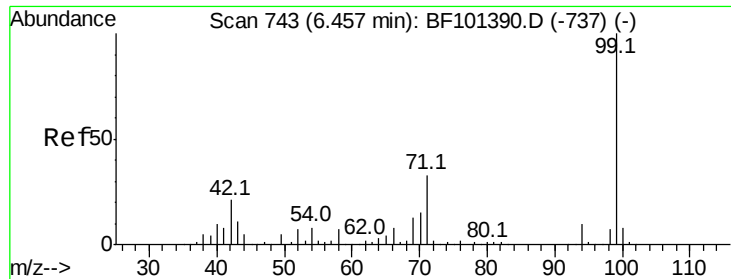


#5

2-Fluorophenol
Concen: 108.246 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF101929.D
Acq: 5 Jan 2018 15:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.3	47.9	71.9
63	33.6	23.7	35.5





#7

Phenol-d6

Concen: 102.682 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF101929.D

Acq: 5 Jan 2018 15:01

Instrument :

BNA_F

ClientSampled :

SB-11-COMP

Tot Ion: 99 Resp: 1213459

Ion Ratio Lower Upper

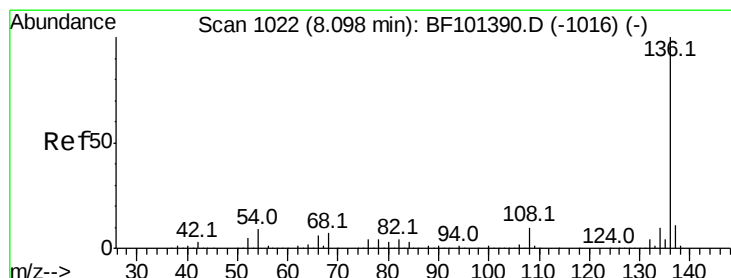
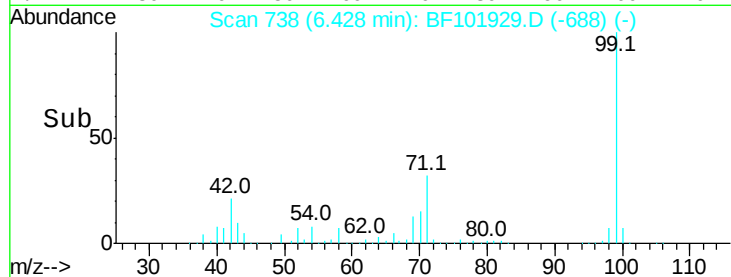
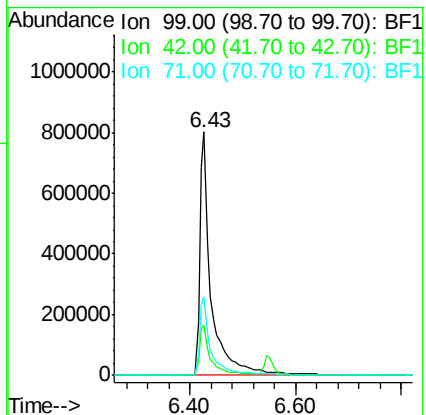
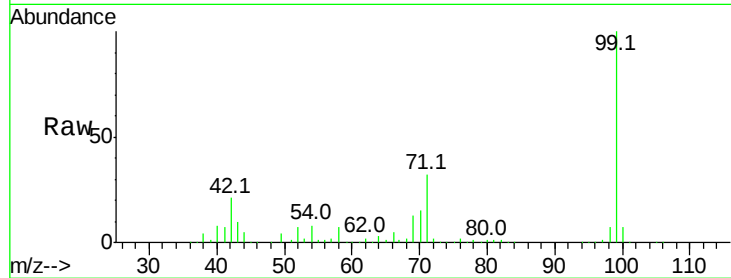
99 100

42 20.8 14.5 21.7

71 32.4 25.4 38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF101929.D

Acq: 5 Jan 2018 15:01

Tgt Ion: 136 Resp: 540992

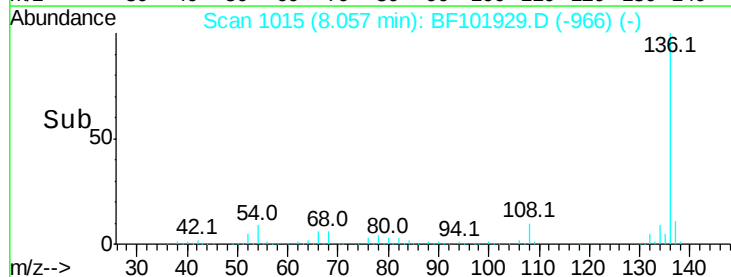
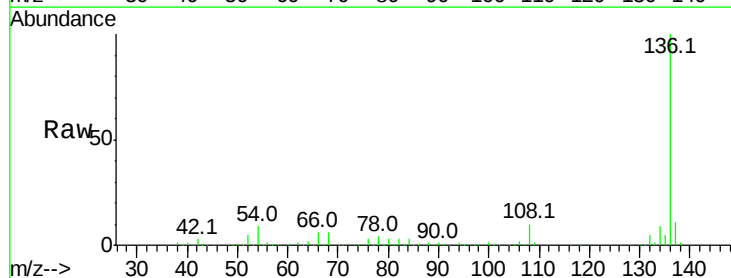
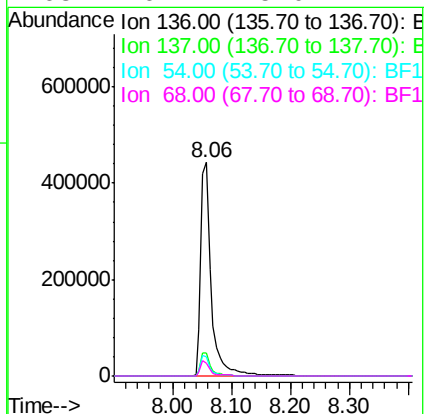
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 8.8 6.6 9.8

68 6.2 5.0 7.4





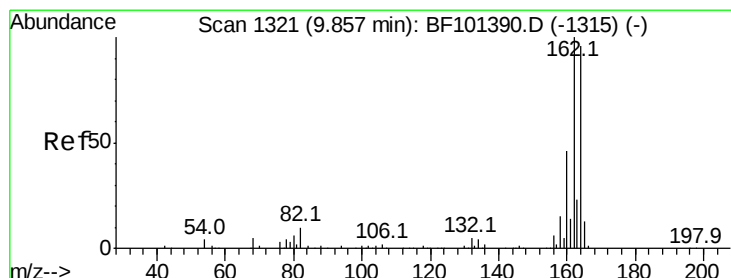
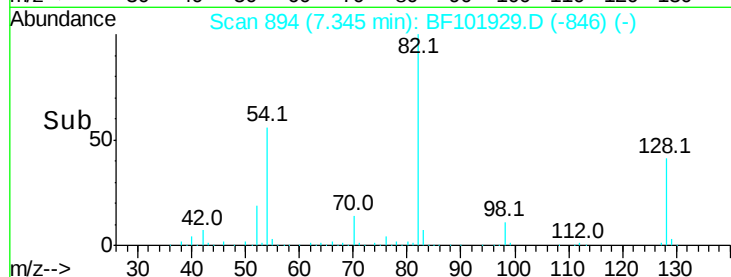
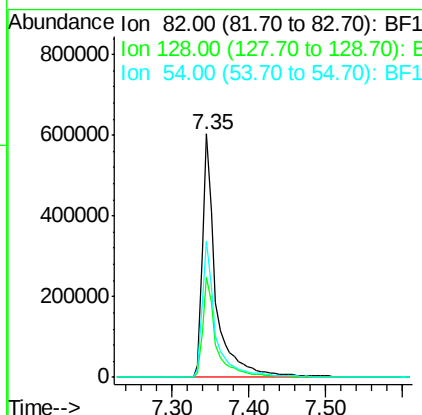
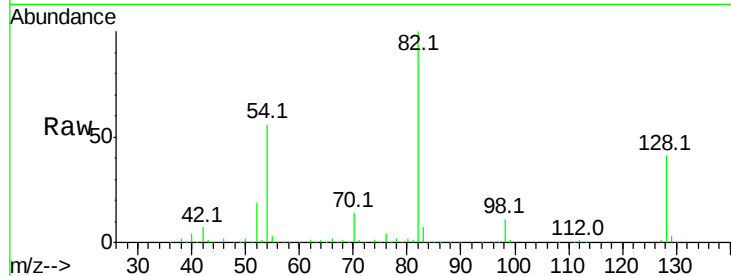
#23
 Nitrobenzene-d5
 Concen: 76.696 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.02 min
 Lab File: BF101929.D
 Acq: 5 Jan 2018 15:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.0	36.1	54.1
54	56.1	41.4	62.2

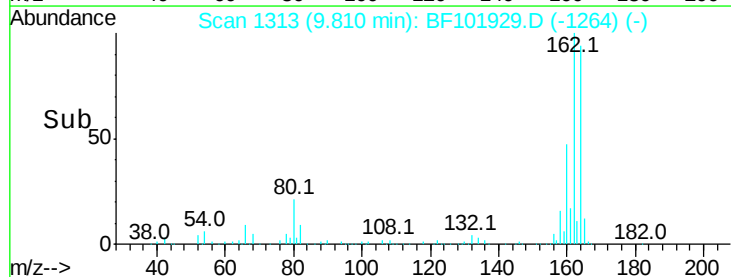
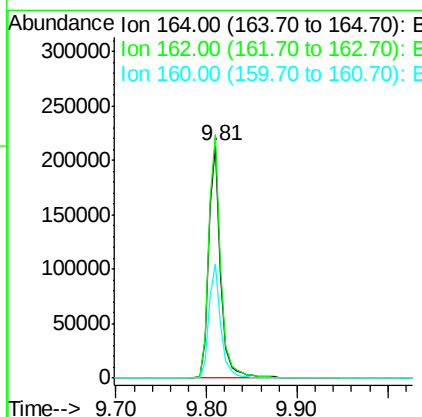
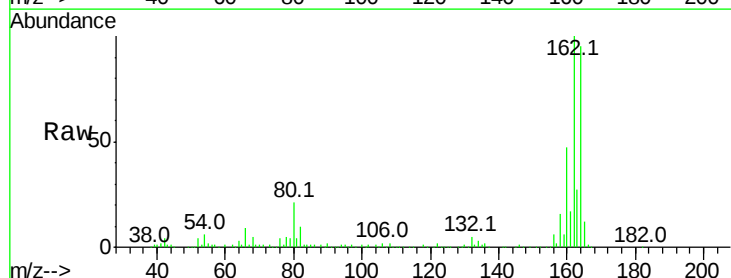
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF101929.D
 Acq: 5 Jan 2018 15:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	49.2	38.3	57.5





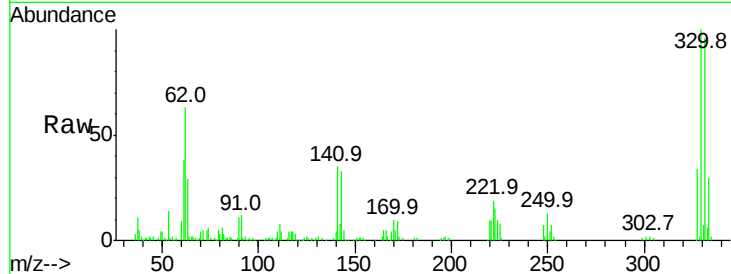
#41
 2,4,6-Tribromophenol
 Concen: 77.460 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF101929.D
 Acq: 5 Jan 2018 15:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-COMP

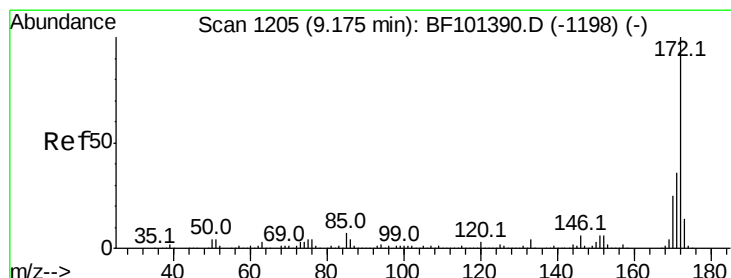
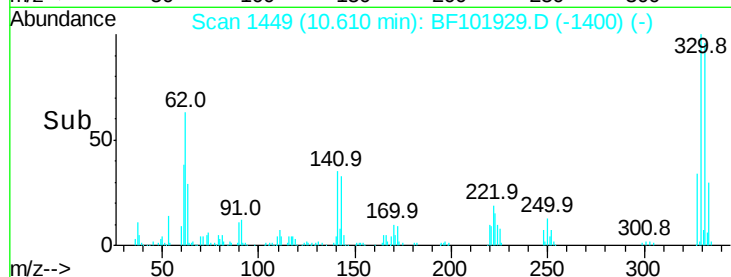
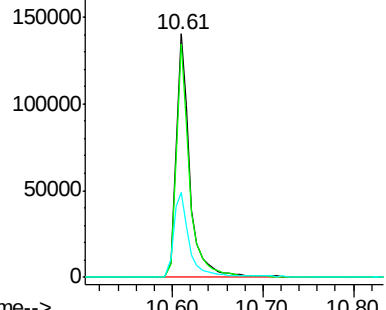
Tot Ion	Ratio	Resp	Lower	Upper
330	100	149636		
332	93.7	77.0	115.6	
141	39.5	29.9	44.9	

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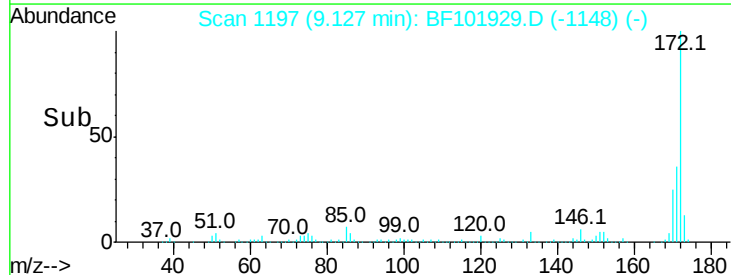
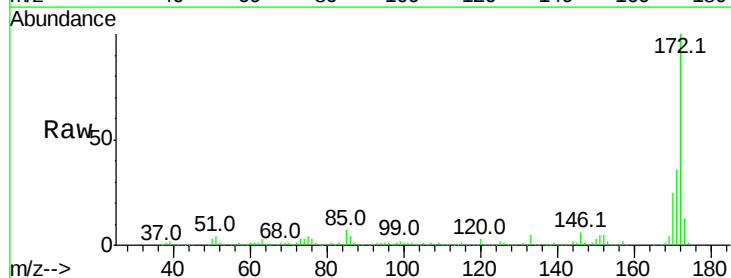
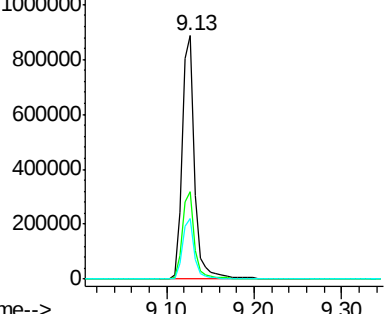
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

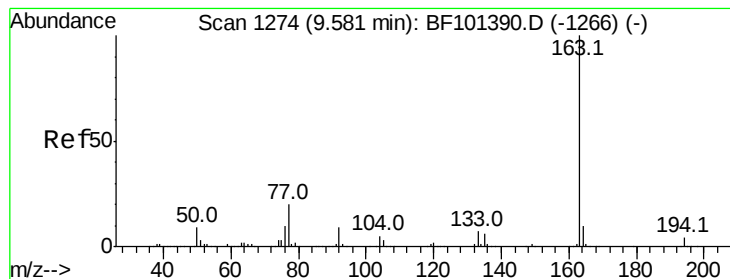


#44
 2-Fluorobiphenyl
 Concen: 68.155 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF101929.D
 Acq: 5 Jan 2018 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	880820		
171	35.8	29.7	44.5	
170	24.7	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: 5.080 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF101929.D

Acq: 5 Jan 2018 15:01

Instrument :

BNA_F

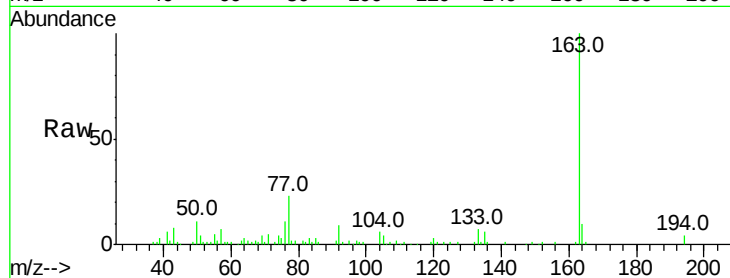
ClientSampled :

SB-11-COMP

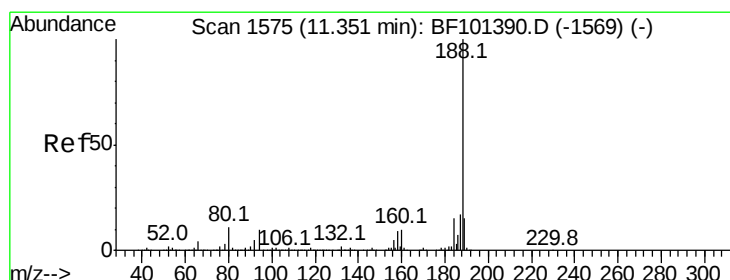
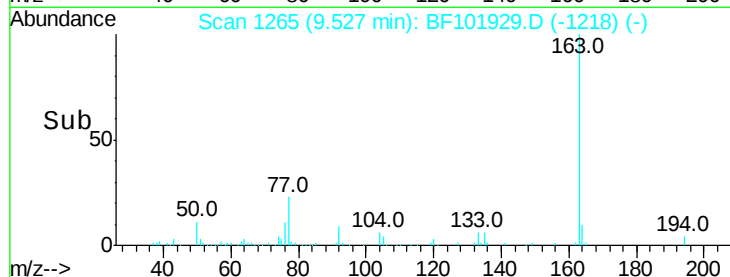
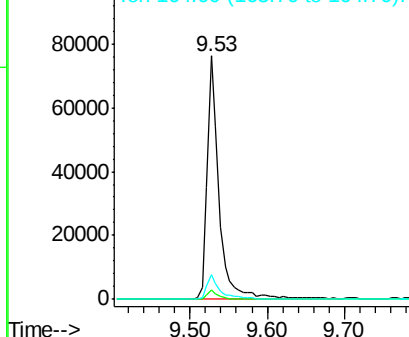
Tot Ion:	163	Resp:	81925
Ion Ratio	Lower	Upper	
163	100		
194	4.0	2.7	4.1
164	10.3	8.2	12.2

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

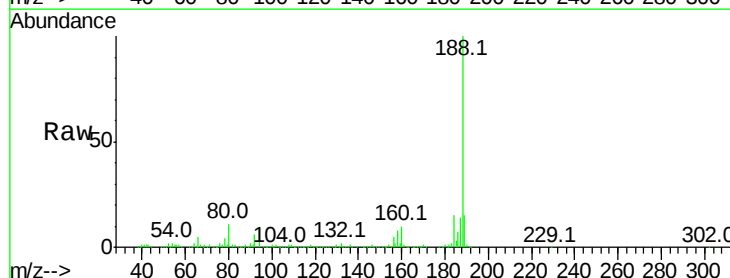
RT: 11.30 min Scan# 1567

Delta R.T. -0.01 min

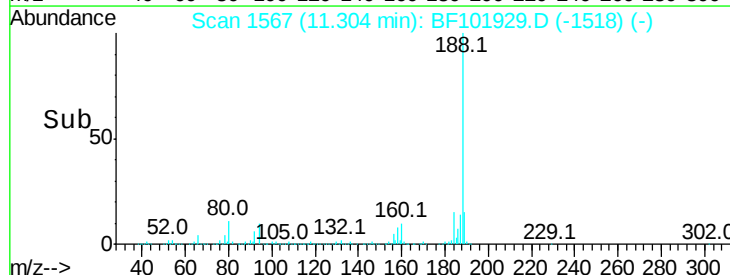
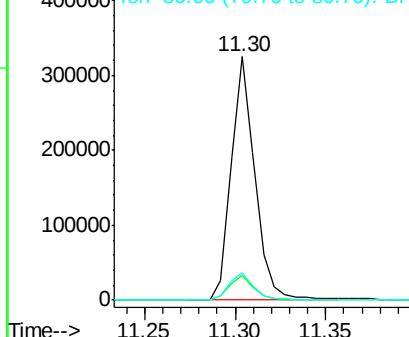
Lab File: BF101929.D

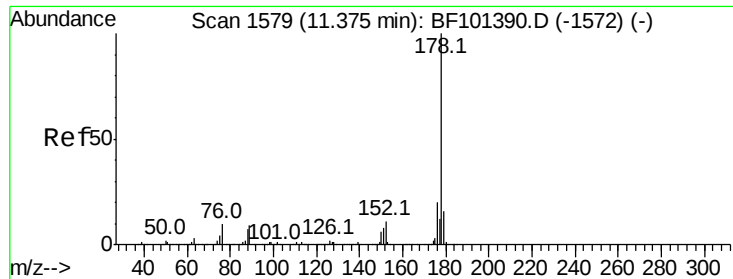
Acq: 5 Jan 2018 15:01

Tgt Ion:	188	Resp:	296382
Ion Ratio	Lower	Upper	
188	100		
94	10.1	8.5	12.7
80	11.0	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





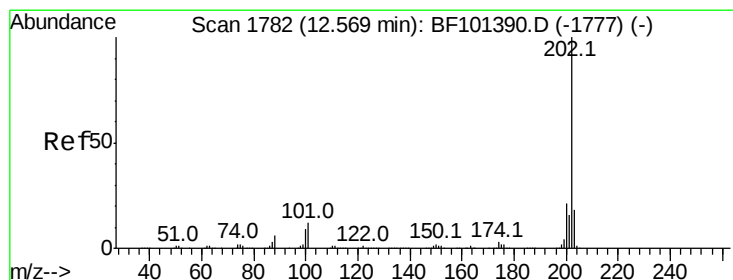
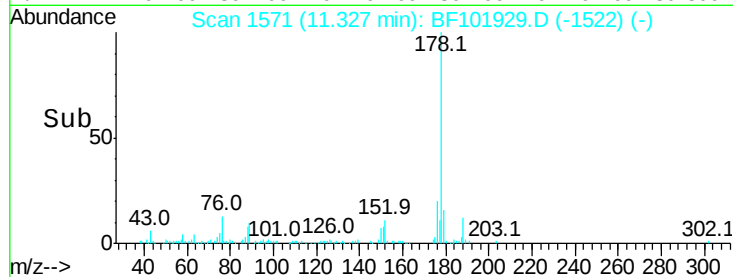
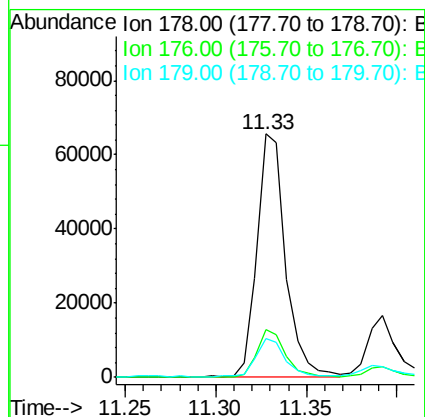
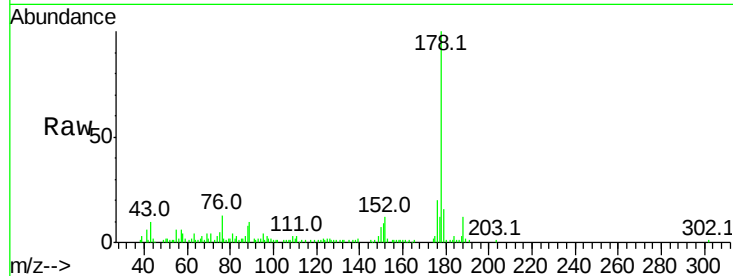
#70
Phenanthrene
Concen: 4.380 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF101929.D
Acq: 5 Jan 2018 15:01

Instrument :
BNA_F
ClientSampleId :
SB-11-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.9	13.0	19.6

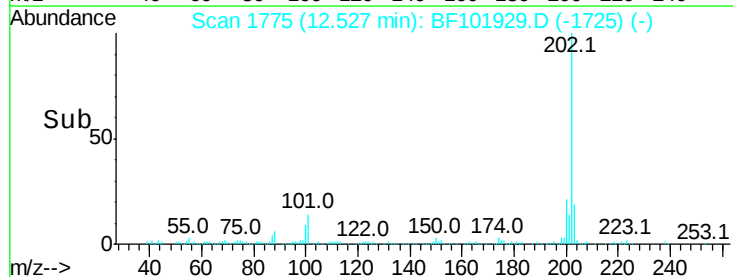
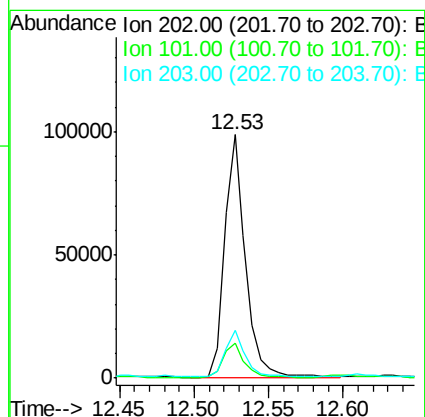
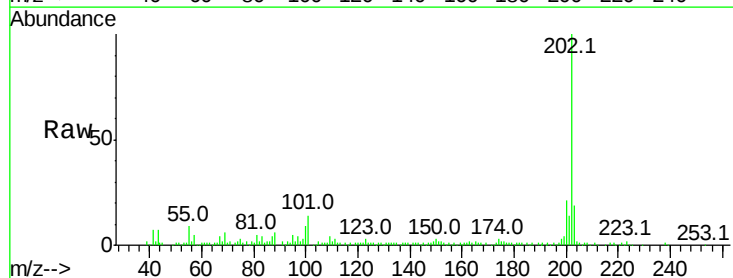
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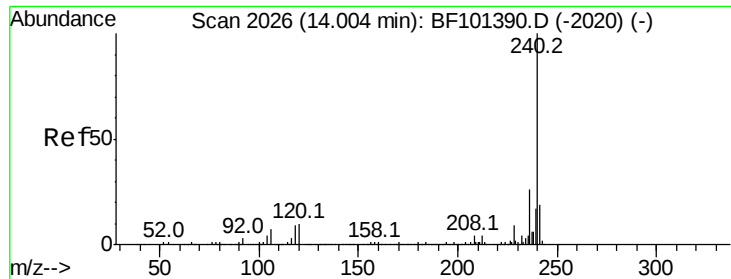
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#74
Fluoranthene
Concen: 5.678 ng
RT: 12.53 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BF101929.D
Acq: 5 Jan 2018 15:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	34.1
203	19.4	0.0	38.1





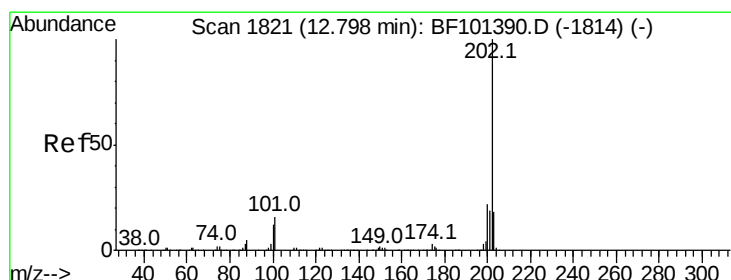
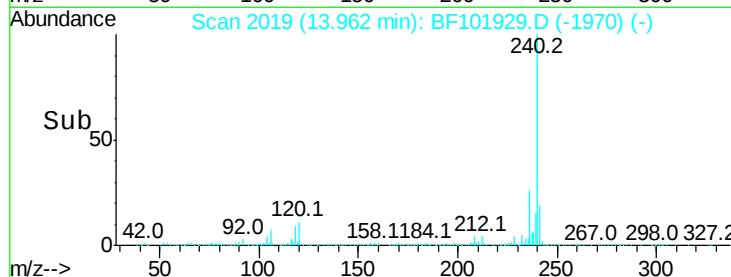
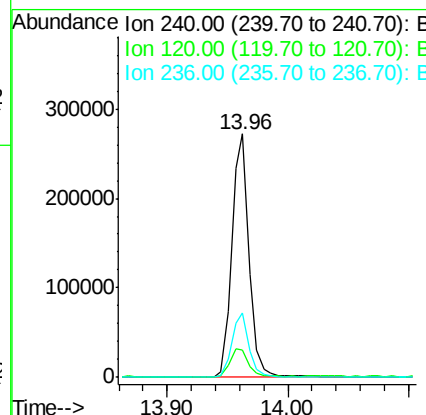
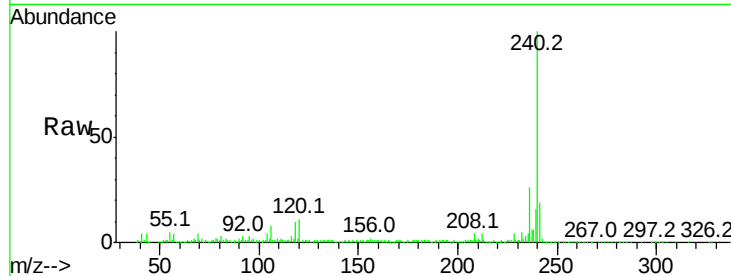
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF101929.D
Acq: 5 Jan 2018 15:01

Instrument :
BNA_F
ClientSampleId :
SB-11-COMP

Tot Ion	Ratio	Resp	Lower	Upper
240	100	265604		
120	11.0	9.5	14.3	
236	26.2	20.7	31.1	

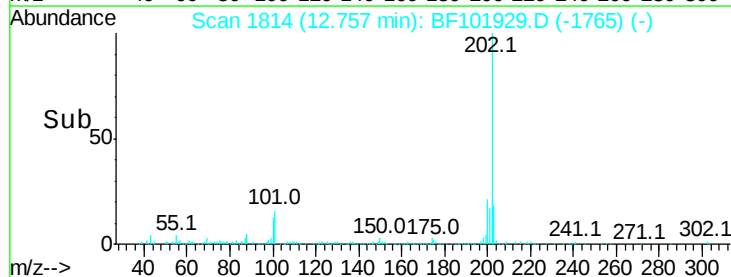
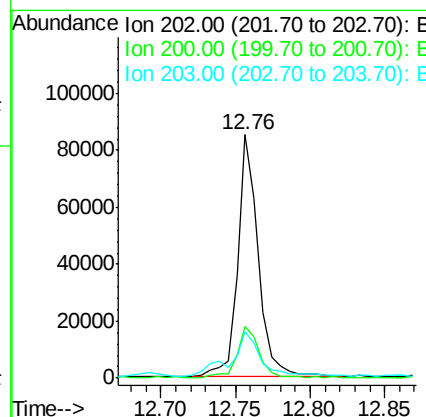
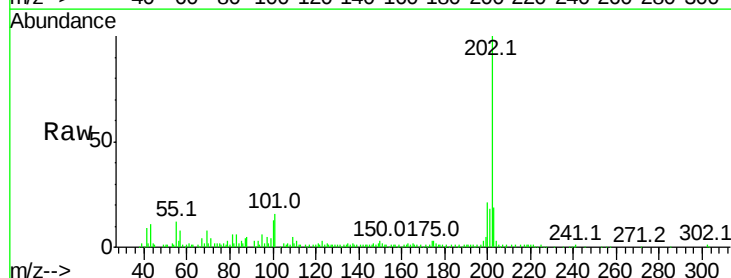
Manual Integrations
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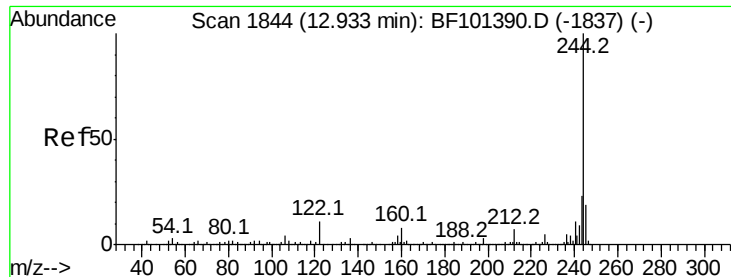
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#77
Pyrene
Concen: 4.160 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF101929.D
Acq: 5 Jan 2018 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	82924		
200	21.2	17.4	26.2	
203	19.0	14.3	21.5	





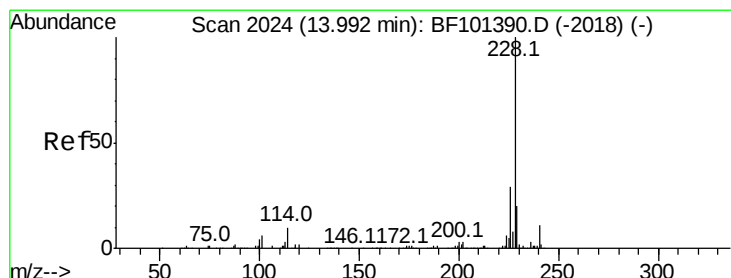
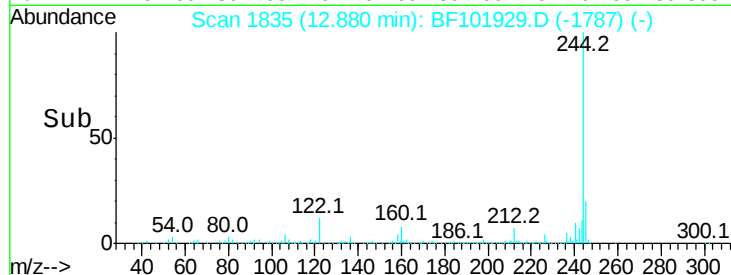
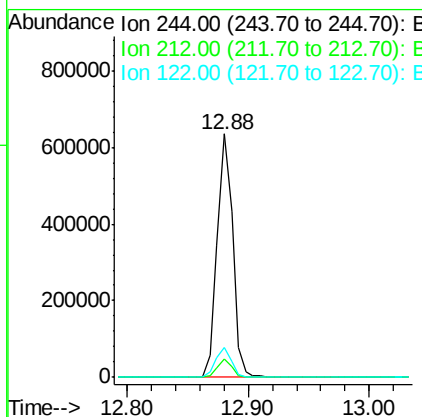
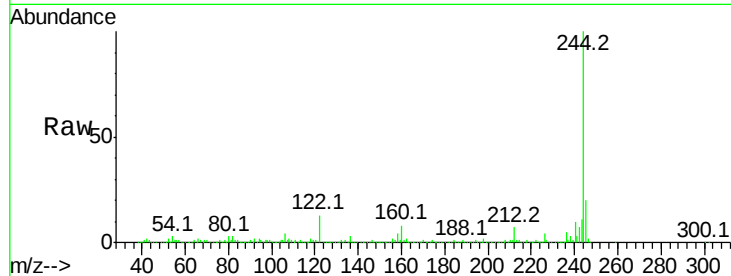
#78
 Terphenyl-d14
 Concen: 50.806 ng
 RT: 12.88 min Scan# 1835
 Delta R.T. -0.02 min
 Lab File: BF101929.D
 Acq: 5 Jan 2018 15:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	12.5	11.0	16.4

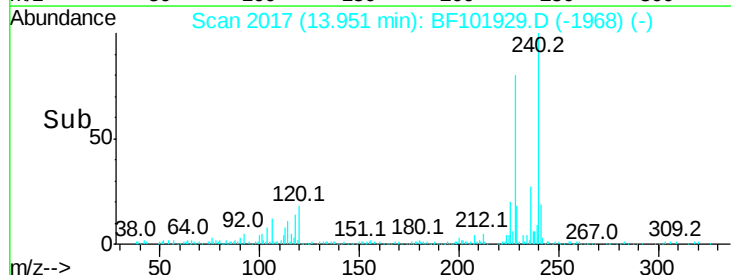
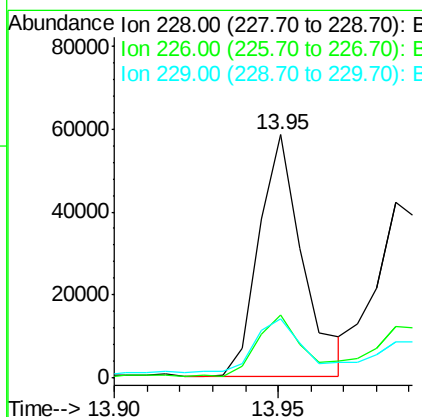
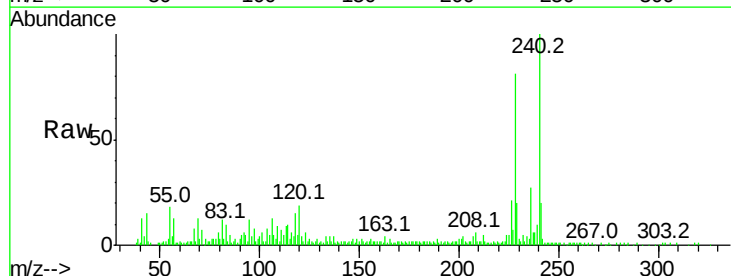
Manual Integrations
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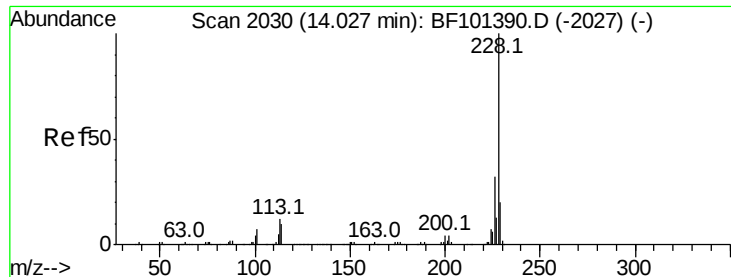
Sohil
 1/8/2018 4:21:52 PM



#80
 Benzo(a)anthracene
 Concen: 3.101 ng m
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF101929.D
 Acq: 5 Jan 2018 15:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.2	22.6	33.8
229	24.3	15.8	23.6





#82

Chrysene

Concen: 2.954 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF101929.D

Acq: 5 Jan 2018 15:01

Instrument :

BNA_F

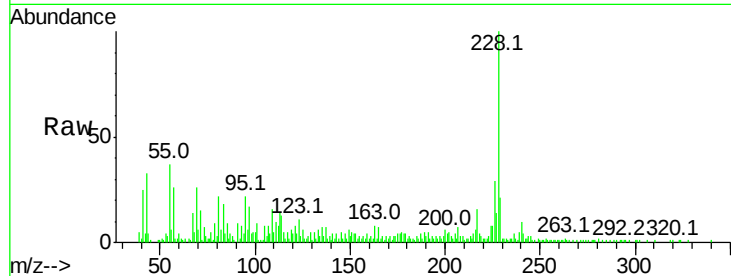
ClientSampleId :

SB-11-COMP

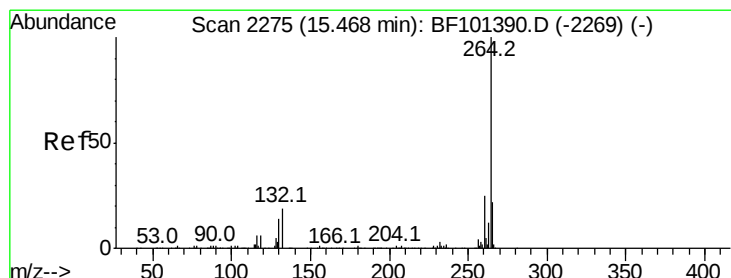
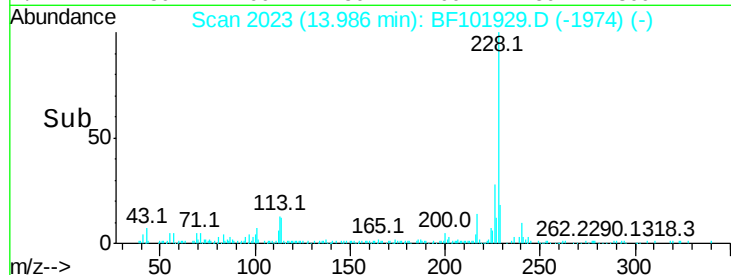
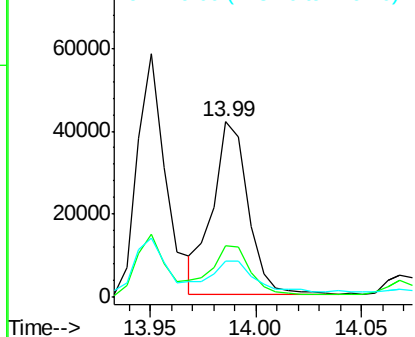
Tot Ion:	228	Resp:	48920
Ion Ratio	Lower	Upper	
228	100		
226	29.3	25.0	37.6
229	20.6	16.2	24.4

Manual Integrations
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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



#86

Perylene-d12

Concen: 20.000 ng

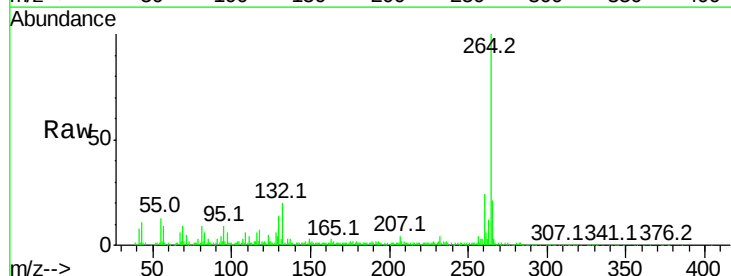
RT: 15.43 min Scan# 2269

Delta R.T. -0.01 min

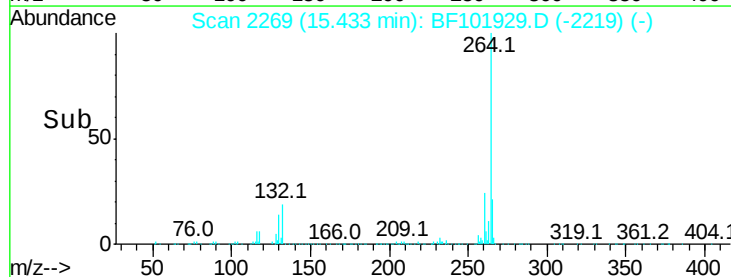
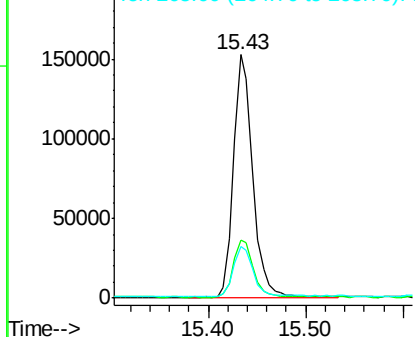
Lab File: BF101929.D

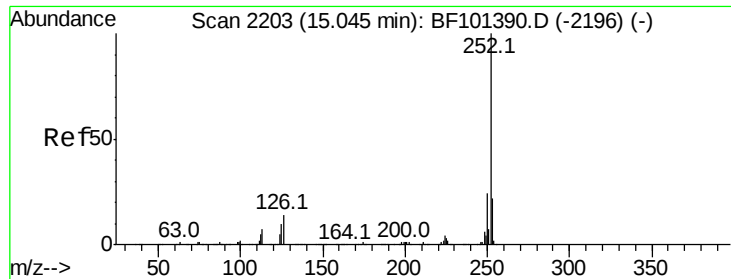
Acq: 5 Jan 2018 15:01

Tgt Ion:	264	Resp:	208287
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.2	28.8
265	21.2	17.5	26.3



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: 4.266 ng m

RT: 15.01 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BF101929.D

Acq: 5 Jan 2018 15:01

Instrument :

BNA_F

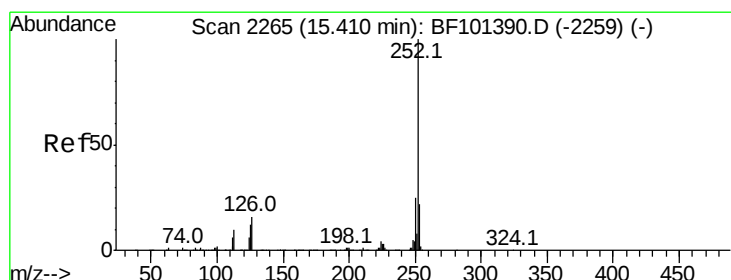
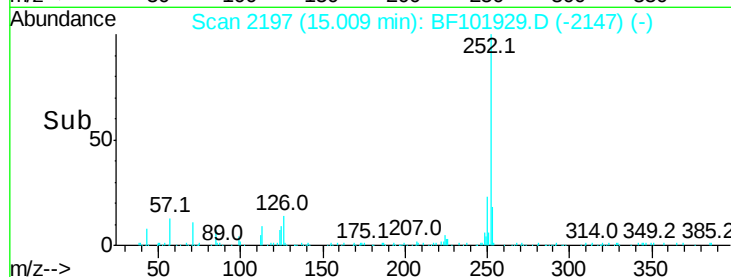
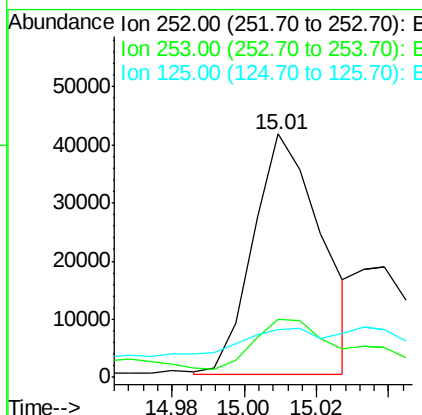
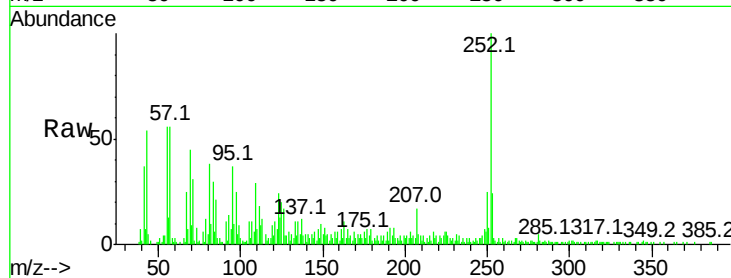
ClientSampleId :

SB-11-COMP

Tot Ion:	252	Resp:	54154
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.0	25.6
125	19.5	9.0	13.6#

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 3.282 ng

RT: 15.38 min Scan# 2260

Delta R.T. -0.00 min

Lab File: BF101929.D

Acq: 5 Jan 2018 15:01

Tgt Ion:	252	Resp:	38413
Ion Ratio	Lower	Upper	
252	100		
253	26.0	17.1	25.7#
125	20.5	9.8	14.6#

