

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
 Data File : BF101817.D
 Acq On : 29 Dec 2017 9:52
 Operator : SJ/JU
 Sample : I6995-02 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Manual Integrations
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Quant Time: Dec 29 13:56:41 2017
 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	6.78	152	149760	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	580233	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	254451	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	434226	20.00	ng	0.00
75) Chrysene-d12	13.97	240	282136	20.00	ng	0.00
86) Perylene-d12	15.43	264	327754	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	538911	53.60	ng	0.00
7) Phenol-d6	6.43	99	665556	53.19	ng	0.00
23) Nitrobenzene-d5	7.35	82	398150	38.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	134161	54.72	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	601327	36.66	ng	0.00
78) Terphenyl-d14	12.89	244	399096	34.10	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.53	163	77288	3.776	ng	Qvalue 99
51) Acenaphthene	9.85	154	51916	3.169	ng	97
57) Fluorene	10.37	166	58674	3.331	ng	98
70) Phenanthrene	11.34	178	704541	29.176	ng	99
71) Anthracene	11.39	178	214477	8.695	ng	99
72) Carbazole	11.56	167	83637	3.622	ng	99
74) Fluoranthene	12.53	202	988389	38.995	ng	98
77) Pyrene	12.76	202	867178	40.954	ng	100
80) Benzo(a)anthracene	13.96	228	432379	23.209	ng	99
82) Chrysene	13.99	228	353235	20.082	ng	98
83) Bis(2-ethylhexyl)phthalate	13.91	149	40467	3.335	ng	99
85) Indeno(1,2,3-cd)pyrene	16.92	276	302495	19.312	ng	# 92
87) Benzo(b)fluoranthene	15.01	252	543753m	27.218	ng	
88) Benzo(k)fluoranthene	15.03	252	181081m	9.323	ng	
89) Benzo(a)pyrene	15.38	252	420042	22.808	ng	98
90) Dibenzo(a,h)anthracene	16.91	278	64380m	4.072	ng	
91) Benzo(a,h,i)perylene	17.37	276	317970	20.308	ng	95

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

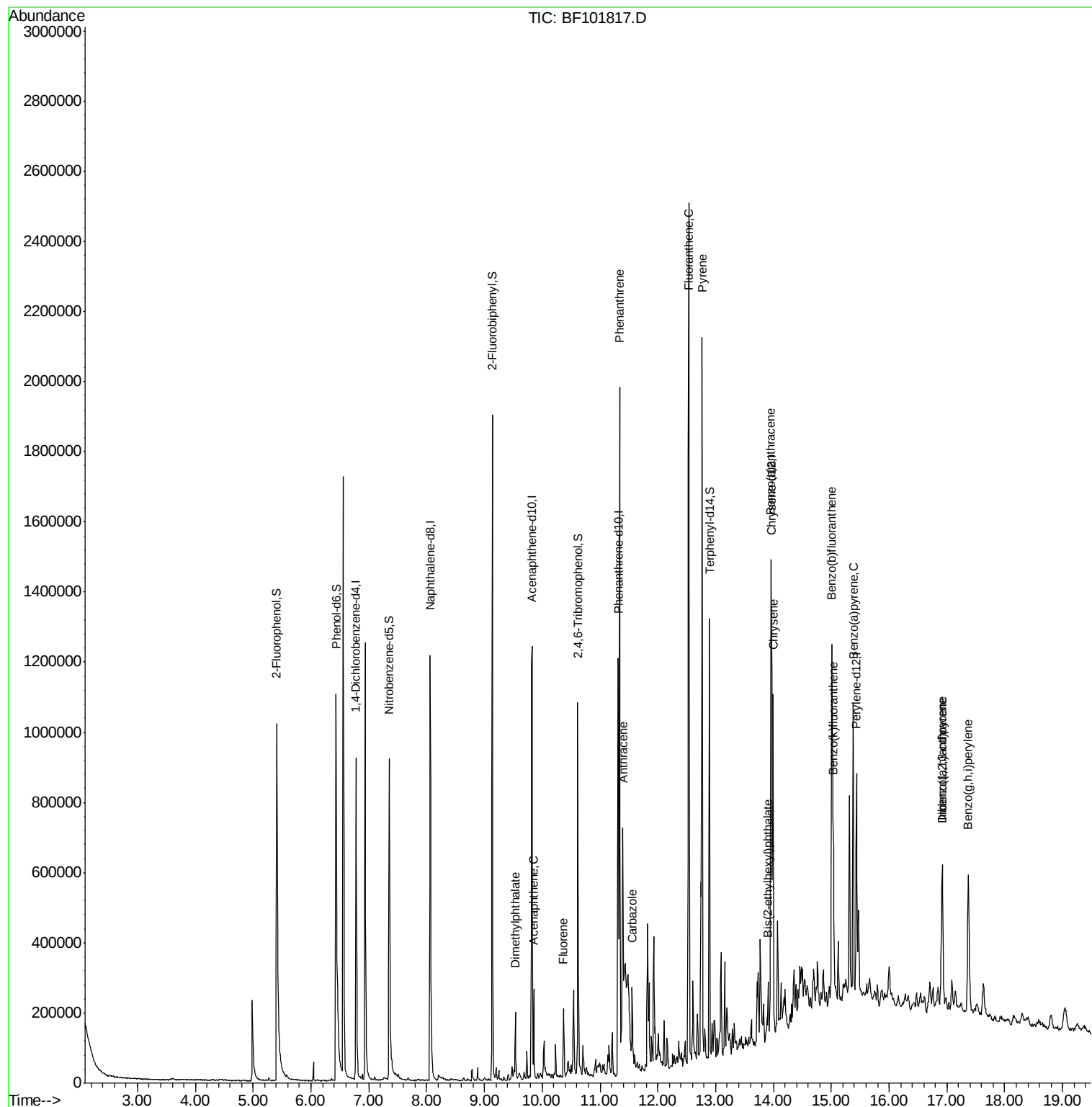
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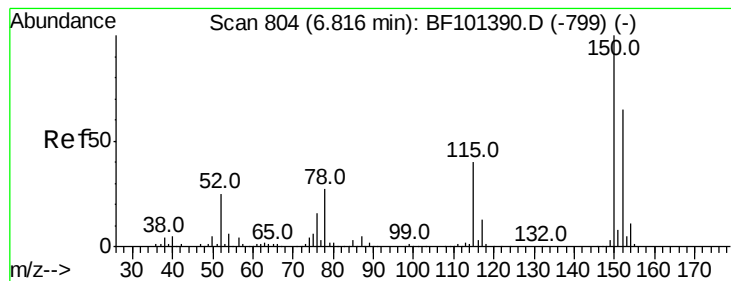
Instrument :
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ClientSampled :
TP-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.78 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF101817.D

Acq: 29 Dec 2017 9:52

Instrument :

BNA_F

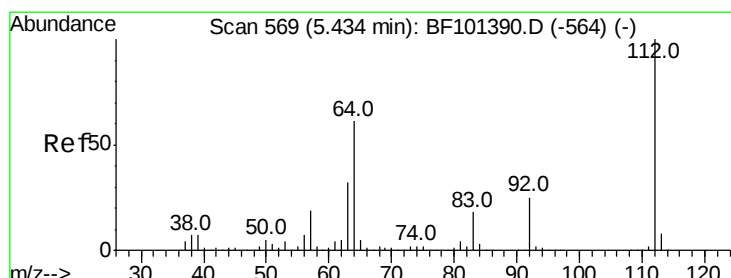
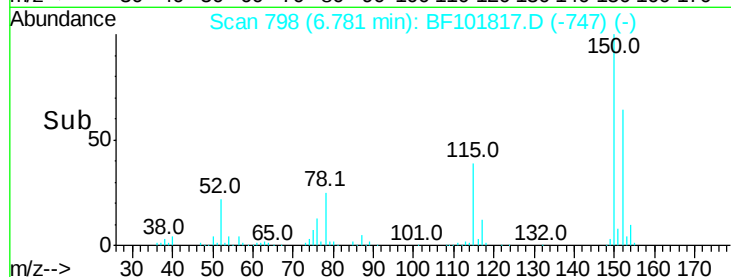
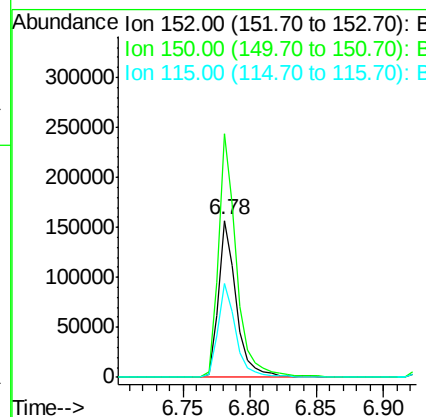
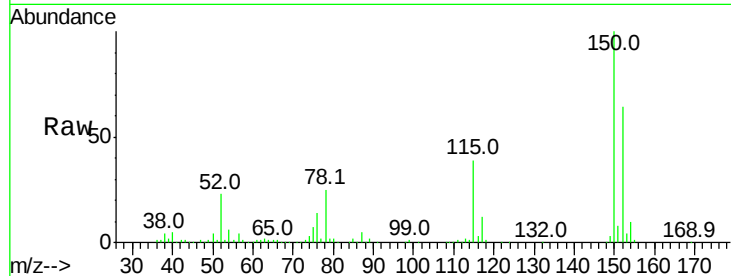
ClientSampleId :

TP-2

Tot Ion:	152	Resp:	149760
Ion Ratio	Lower	Upper	
152	100		
150	155.3	124.6	186.8
115	60.0	50.1	75.1

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#5

2-Fluorophenol

Concen: 53.602 ng

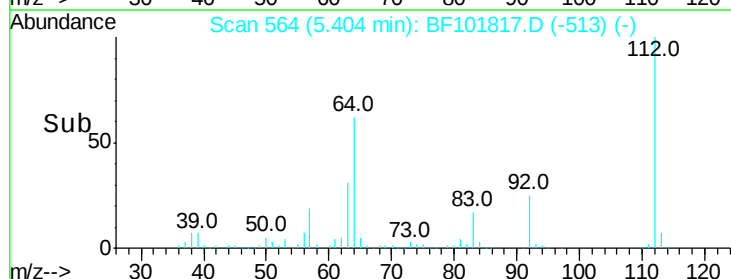
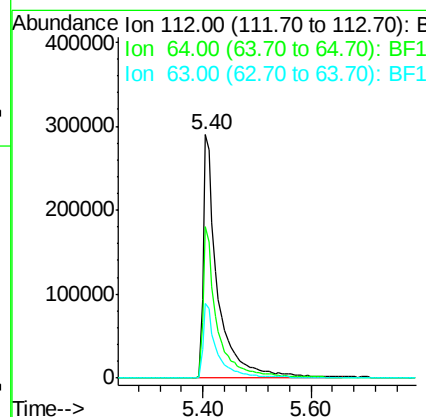
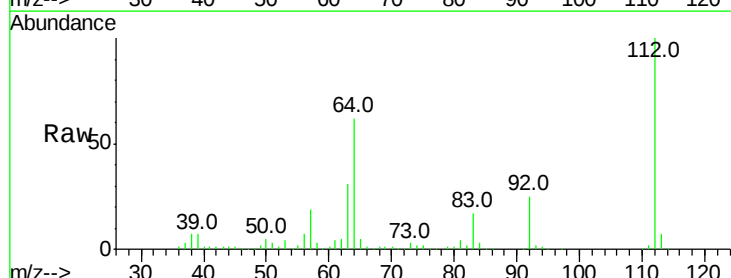
RT: 5.40 min Scan# 564

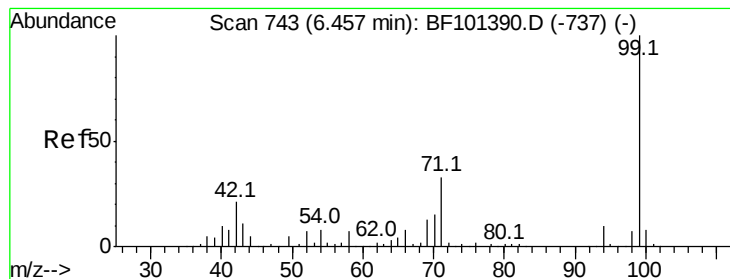
Delta R.T. 0.00 min

Lab File: BF101817.D

Acq: 29 Dec 2017 9:52

Tgt Ion:	112	Resp:	538911
Ion Ratio	Lower	Upper	
112	100		
64	62.0	47.9	71.9
63	30.8	23.7	35.5





#7

Phenol-d6

Concen: 53.192 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF101817.D

Acq: 29 Dec 2017 9:52

Instrument :

BNA_F

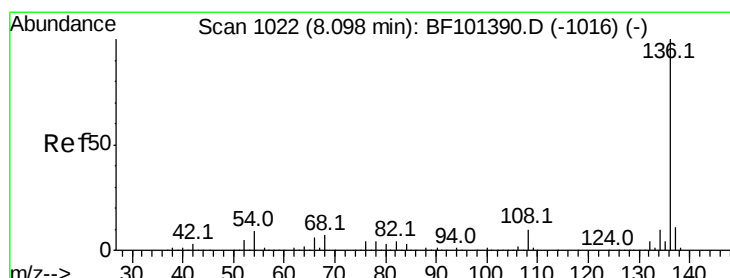
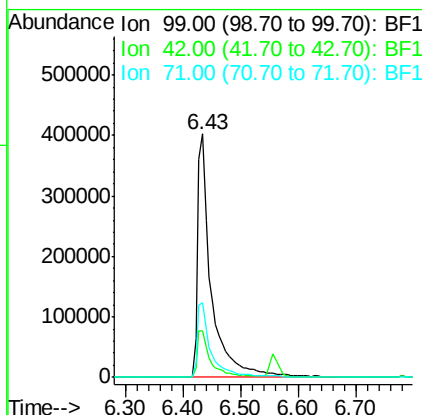
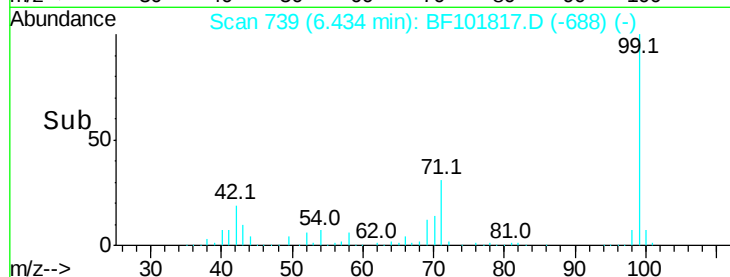
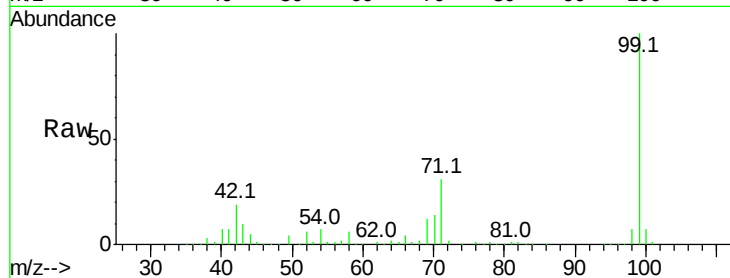
ClientSampled :

TP-2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		665556		
42	19.0	14.5	21.7		
71	30.8	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

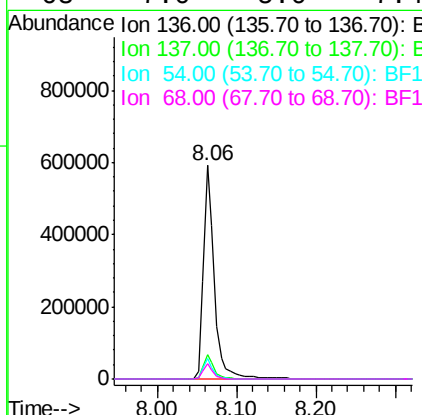
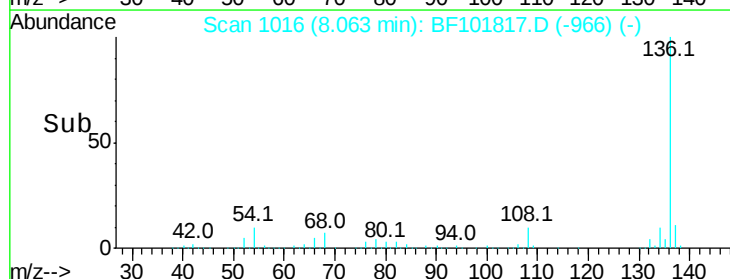
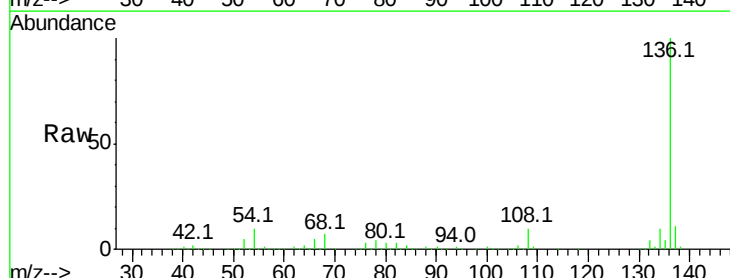
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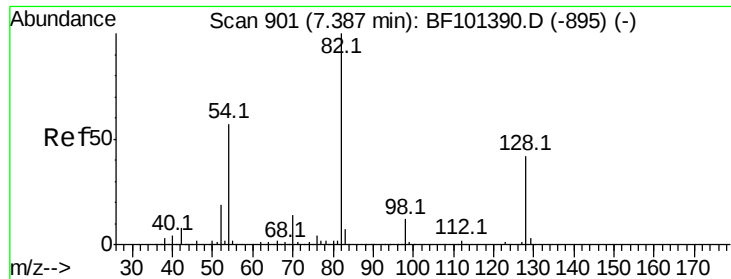
Delta R.T. -0.01 min

Lab File: BF101817.D

Acq: 29 Dec 2017 9:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		580233		
137	11.4	8.9	13.3		
54	9.6	6.6	9.8		
68	7.0	5.0	7.4		





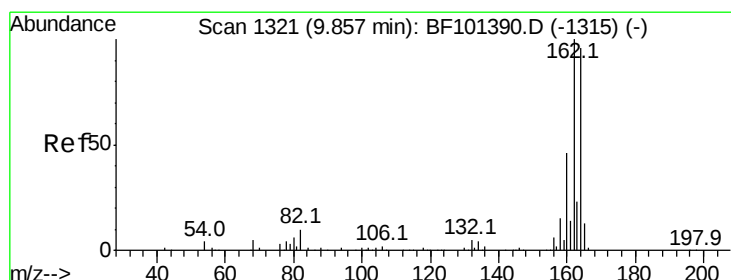
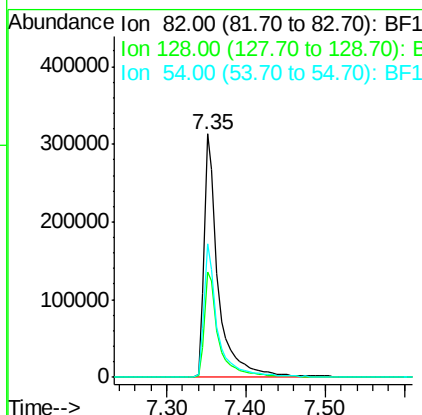
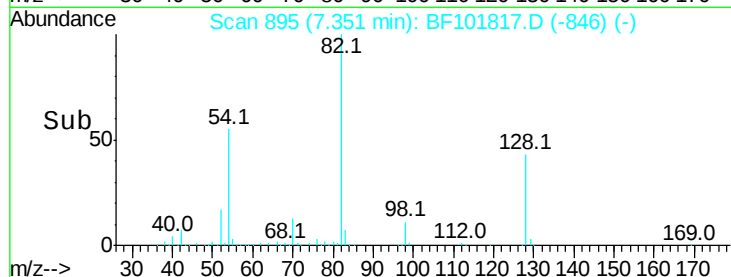
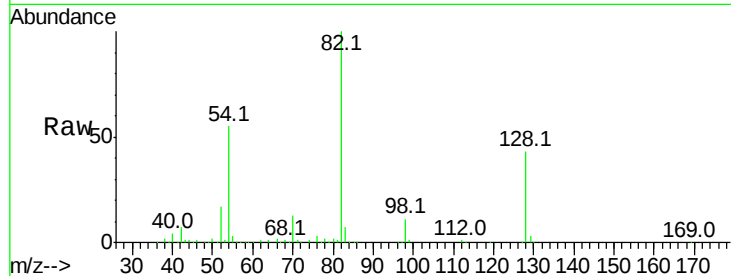
#23
Nitrobenzene-d5
Concen: 38.197 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF101817.D
Acq: 29 Dec 2017 9:52

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.3	36.1	54.1	
54	55.0	41.4	62.2	

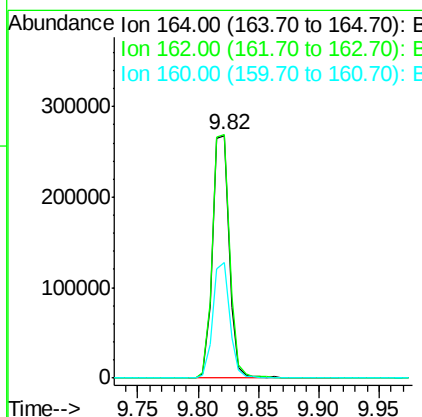
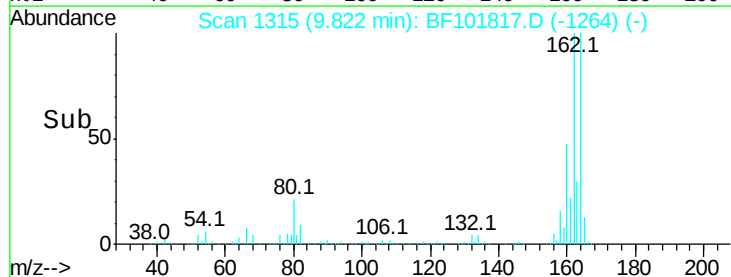
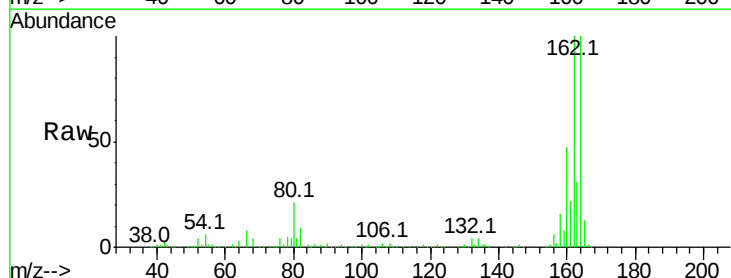
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF101817.D
Acq: 29 Dec 2017 9:52

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.5	86.1	129.1	
160	47.6	38.3	57.5	





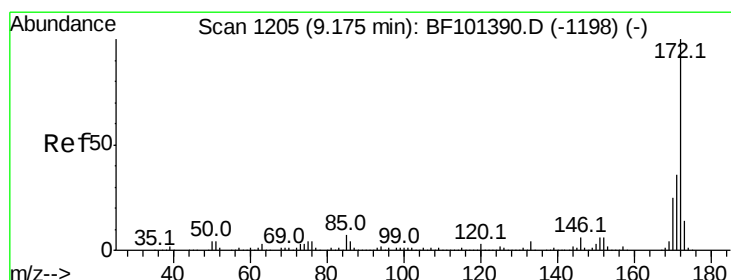
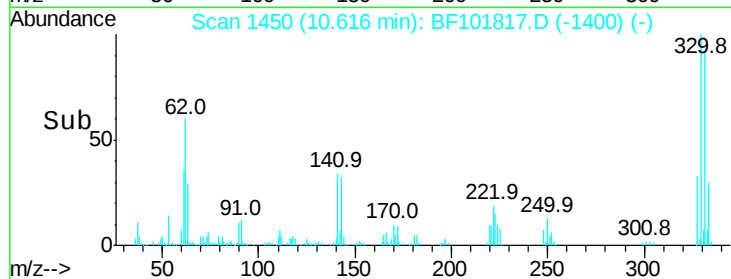
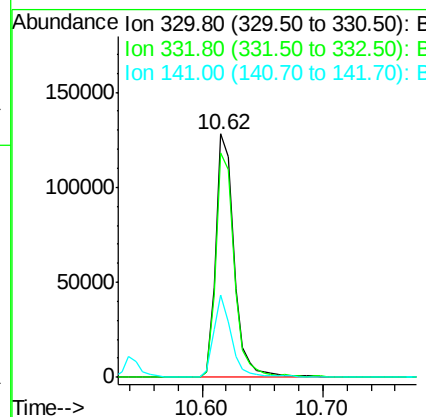
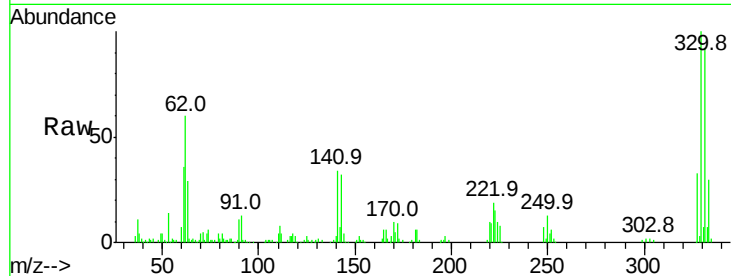
#41
 2,4,6-Tribromophenol
 Concen: 54.719 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF101817.D
 Acq: 29 Dec 2017 9:52

Instrument :
 BNA_F
 ClientSampled :
 TP-2

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	93.4	77.0	115.6	
141	32.9	29.9	44.9	

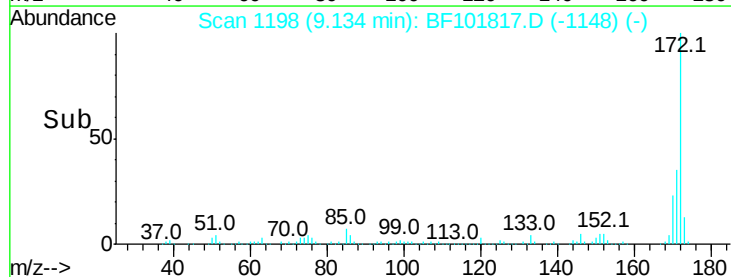
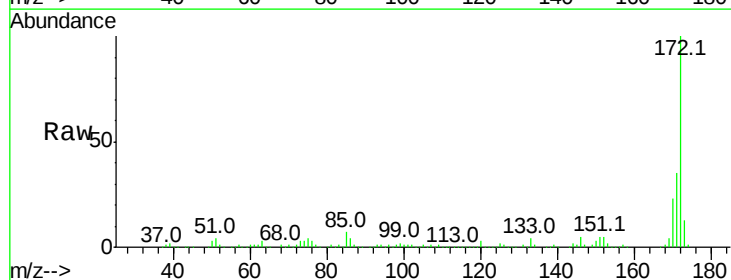
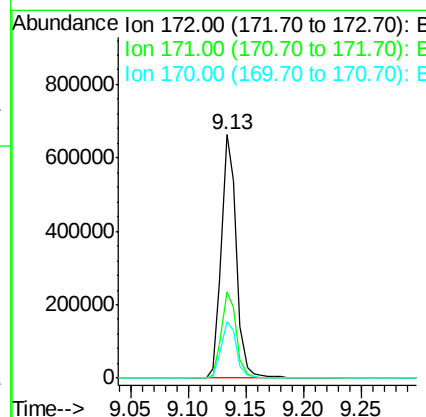
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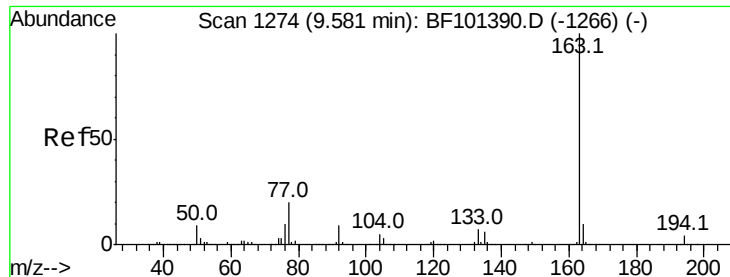
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#44
 2-Fluorobiphenyl
 Concen: 36.659 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF101817.D
 Acq: 29 Dec 2017 9:52

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.2	29.7	44.5	
170	23.1	19.6	29.4	





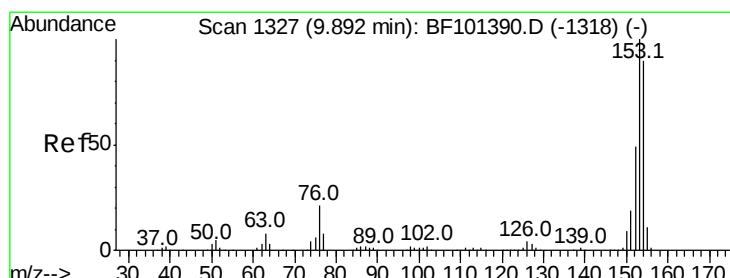
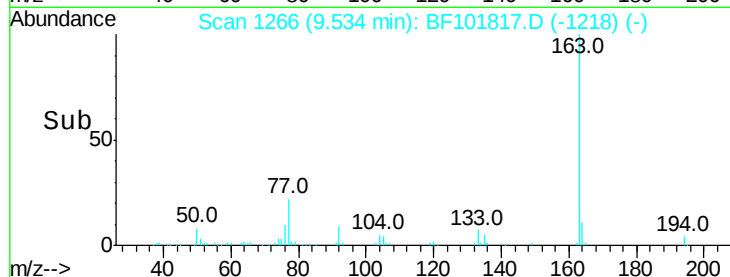
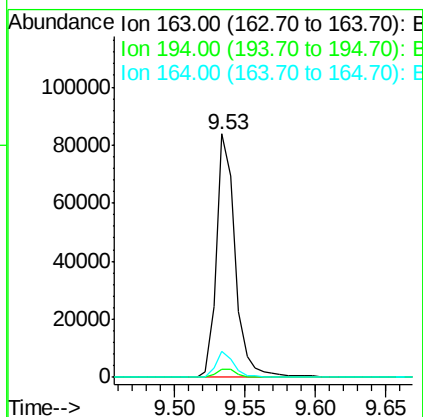
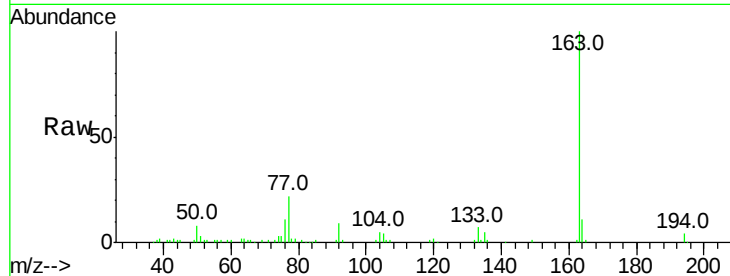
#49
Dimethylphthalate
Concen: 3.776 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BF101817.D
Acq: 29 Dec 2017 9:52

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion	Ratio	Resp	Lower	Upper
163	100	77288		
194	3.6		2.7	4.1
164	10.7		8.2	12.2

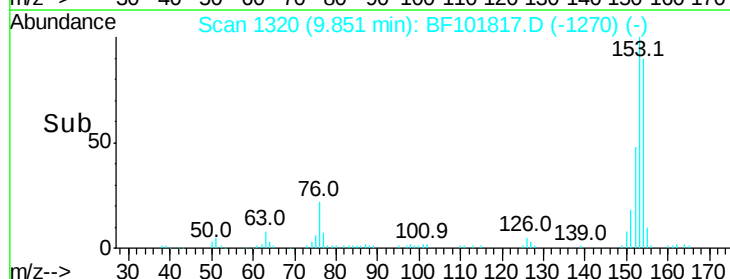
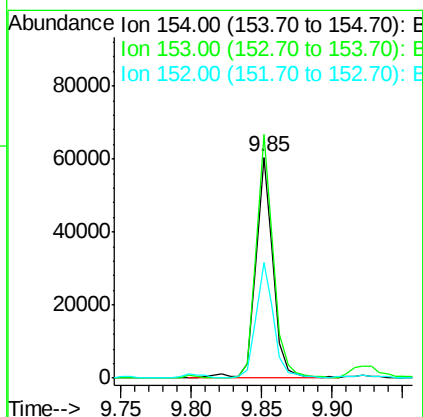
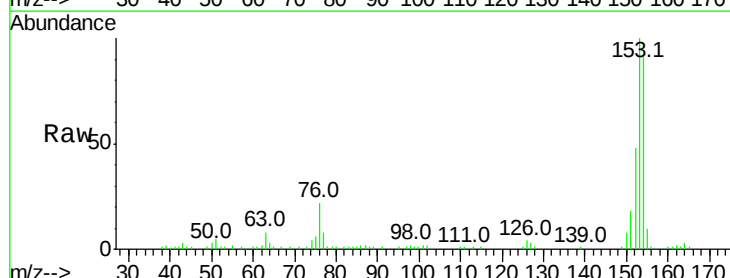
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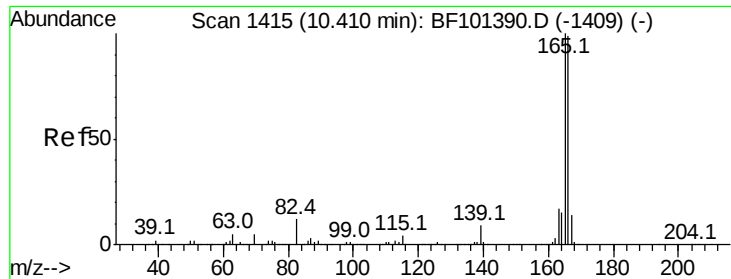
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#51
Acenaphthene
Concen: 3.169 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF101817.D
Acq: 29 Dec 2017 9:52

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	51916		
153	110.3		91.2	136.8
152	52.6		43.8	65.8





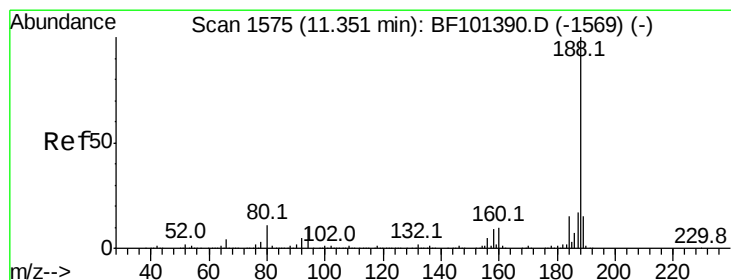
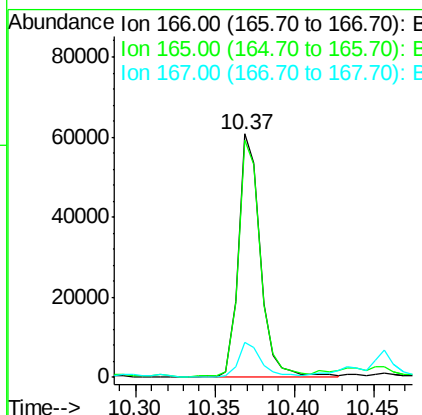
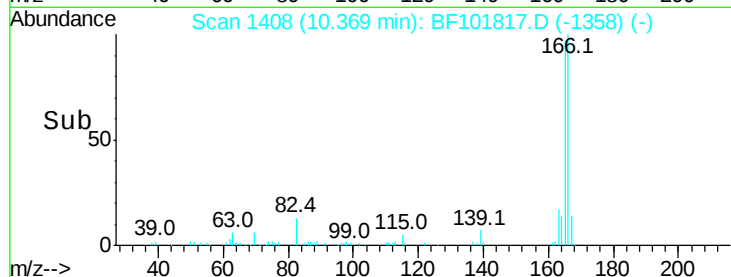
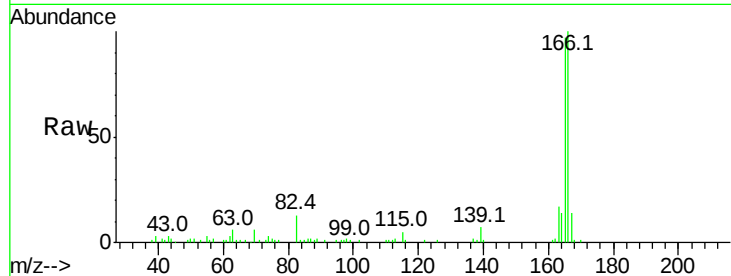
#57
Fluorene
 Concen: 3.331 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. -0.01 min
 Lab File: BF101817.D
 Acq: 29 Dec 2017 9:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.5	79.8	119.8
167	14.5	10.6	16.0

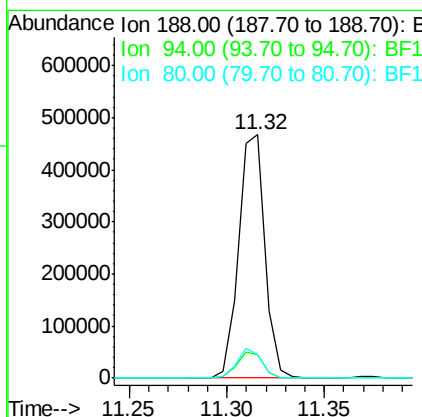
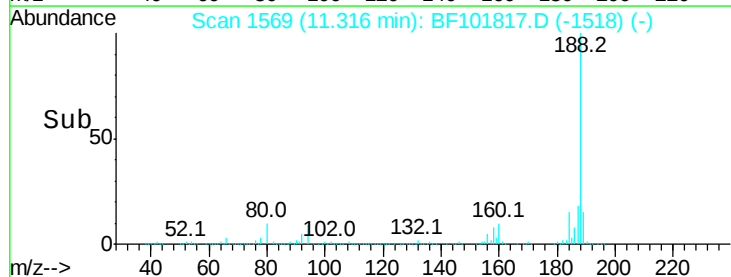
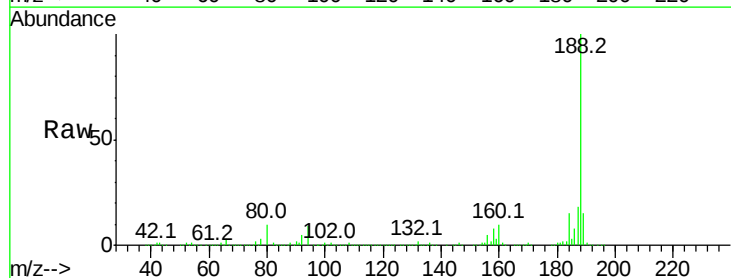
Manual Integrations
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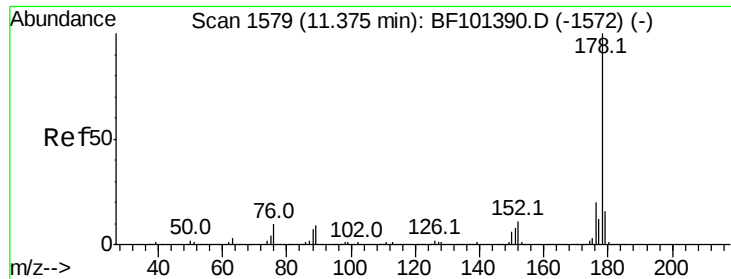
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#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: BF101817.D
 Acq: 29 Dec 2017 9:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	9.7	9.2	13.8





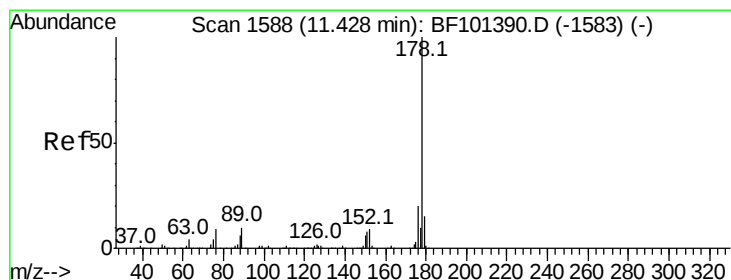
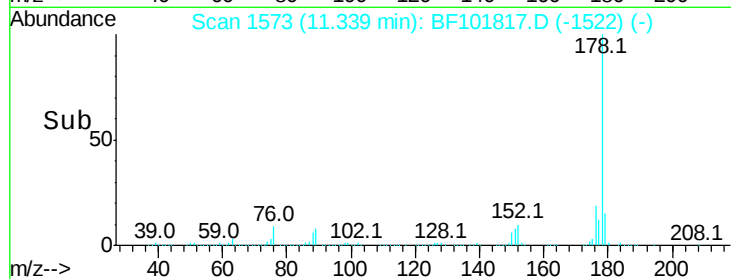
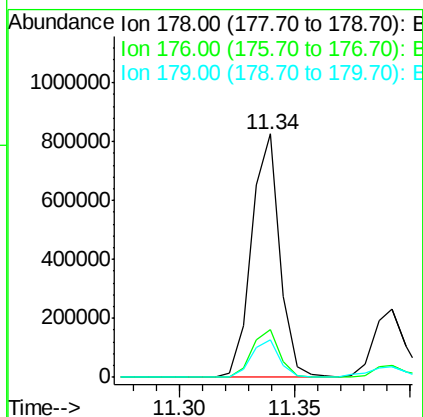
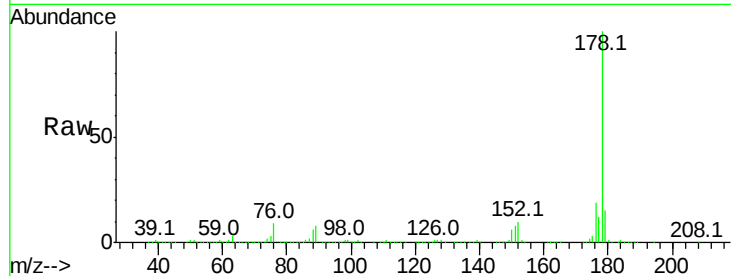
#70
Phenanthrene
Concen: 29.176 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF101817.D
Acq: 29 Dec 2017 9:52

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.3	13.0	19.6

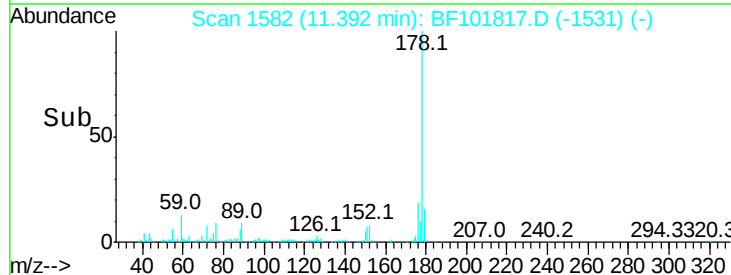
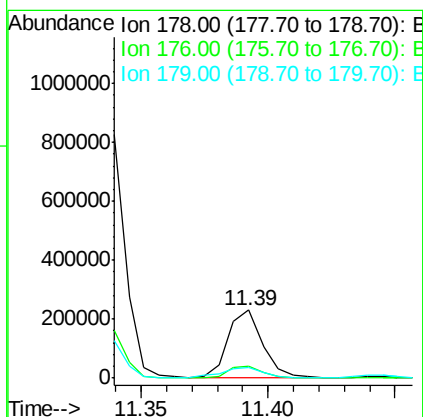
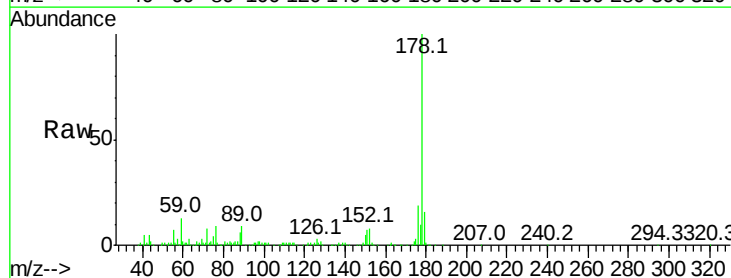
Manual Integrations
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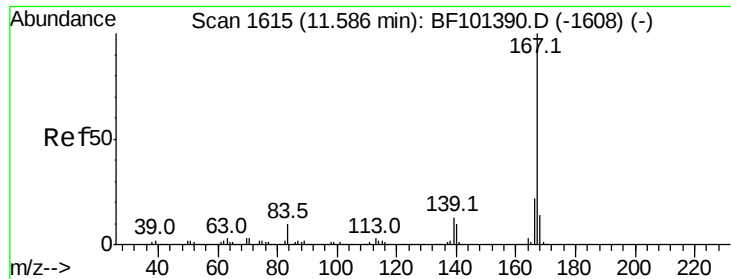
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#71
Anthracene
Concen: 8.695 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF101817.D
Acq: 29 Dec 2017 9:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	16.2	12.6	19.0





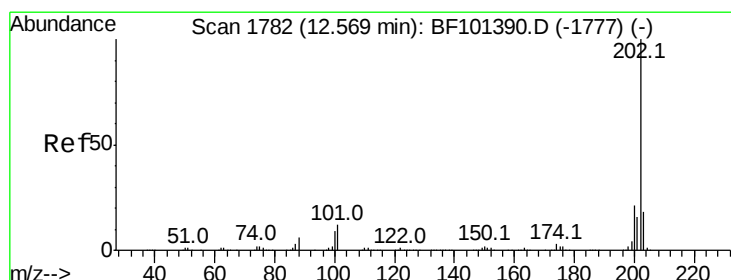
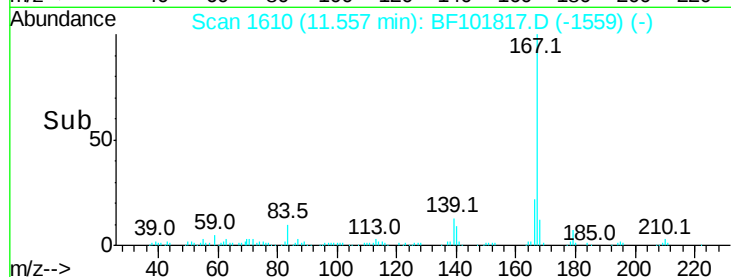
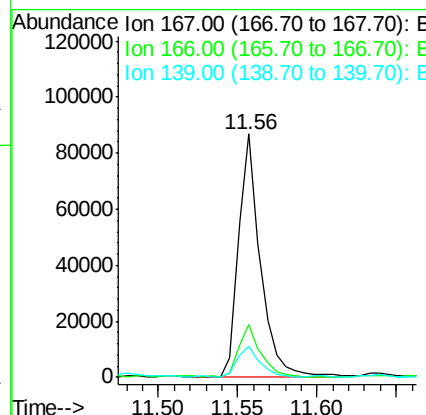
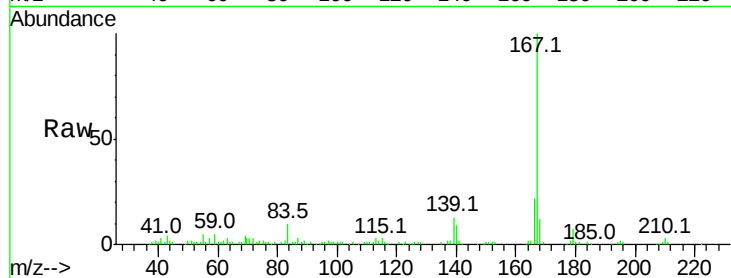
#72
 Carbazole
 Concen: 3.622 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BF101817.D
 Acq: 29 Dec 2017 9:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	21.9		17.6	26.4
139	13.0		10.9	16.3

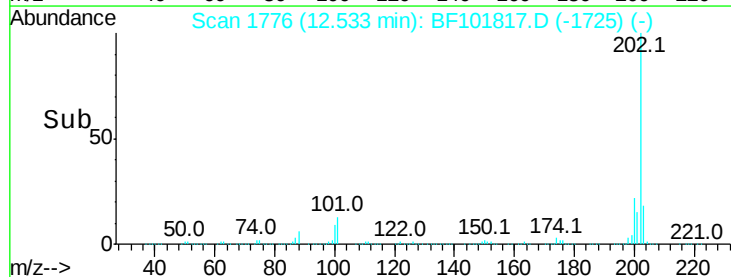
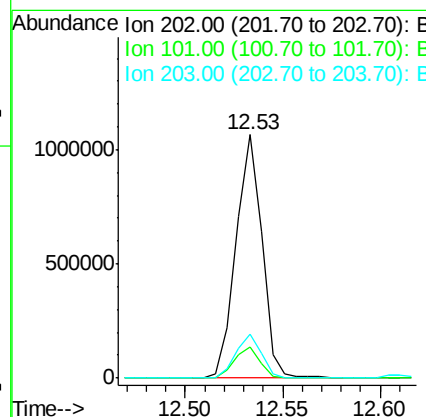
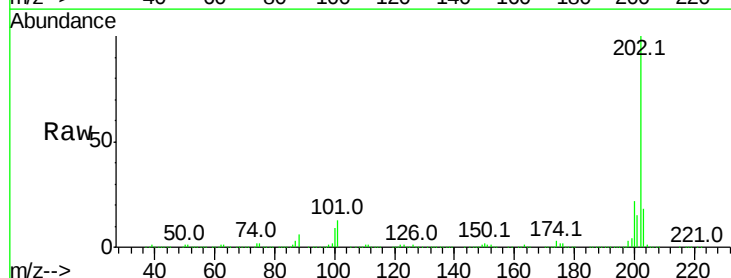
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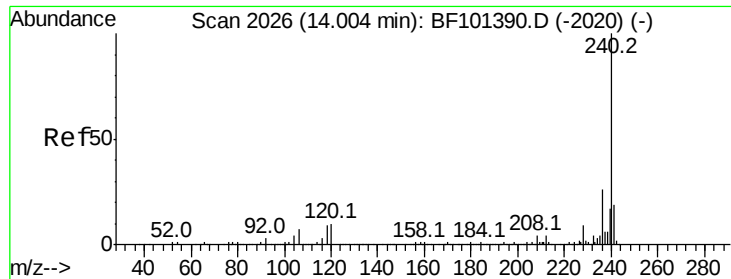
Sohil
 1/2/2018 1:04:50 PM



#74
 Fluoranthene
 Concen: 38.995 ng
 RT: 12.53 min Scan# 1776
 Delta R.T. 0.00 min
 Lab File: BF101817.D
 Acq: 29 Dec 2017 9:52

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	12.8		0.0	34.1
203	17.9		0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF101817.D

Acq: 29 Dec 2017 9:52

Instrument :

BNA_F

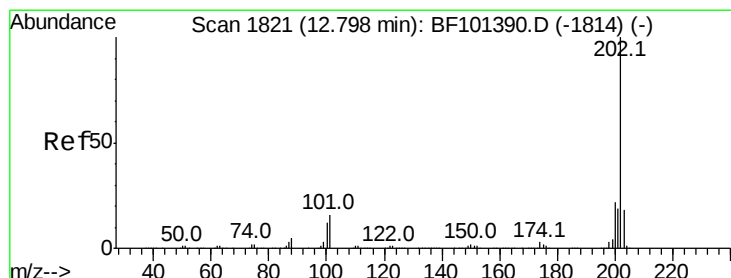
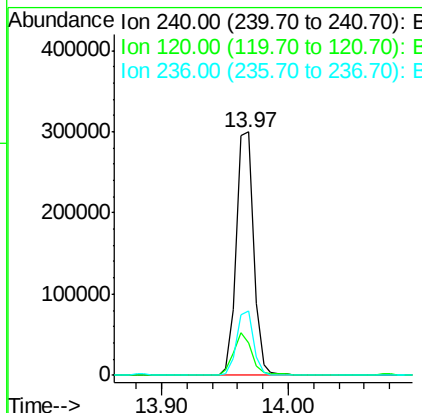
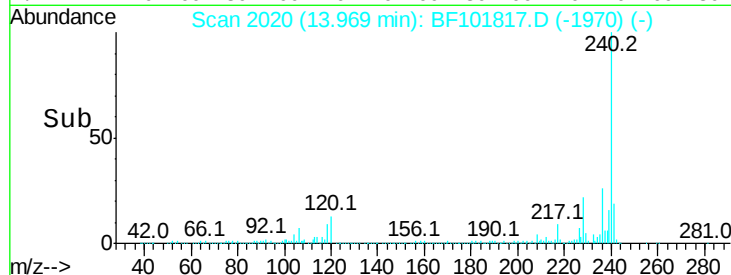
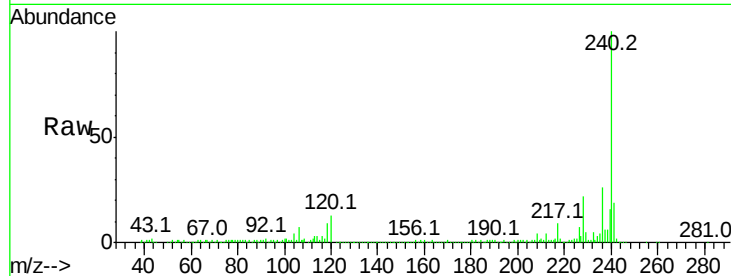
ClientSampled :

TP-2

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

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#77

Pyrene

Concen: 40.954 ng

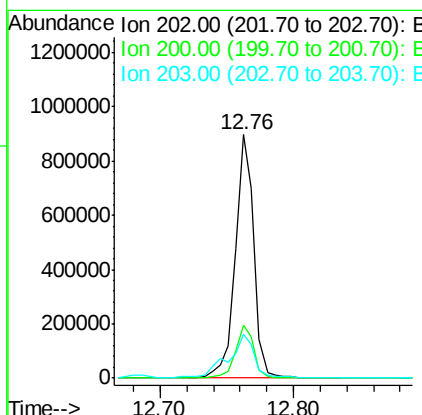
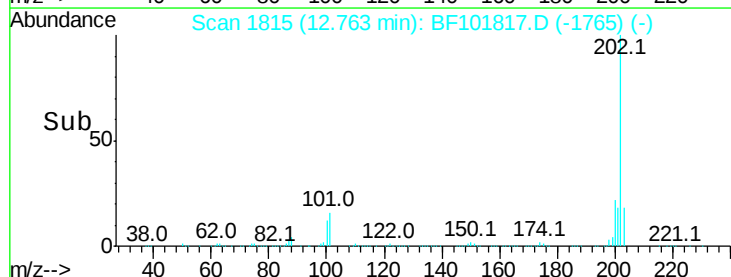
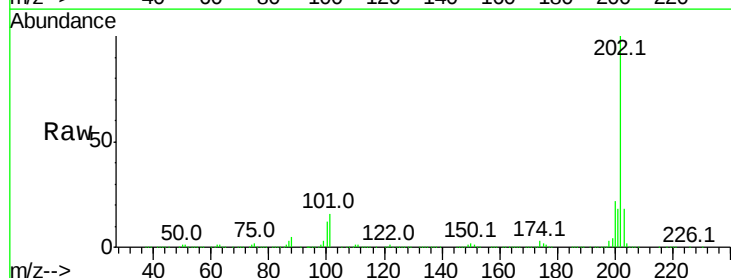
RT: 12.76 min Scan# 1815

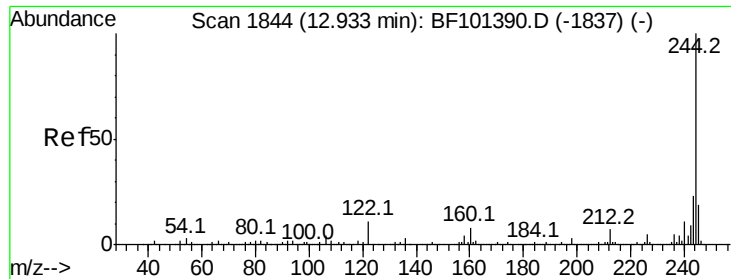
Delta R.T. -0.01 min

Lab File: BF101817.D

Acq: 29 Dec 2017 9:52

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.9	14.3	21.5





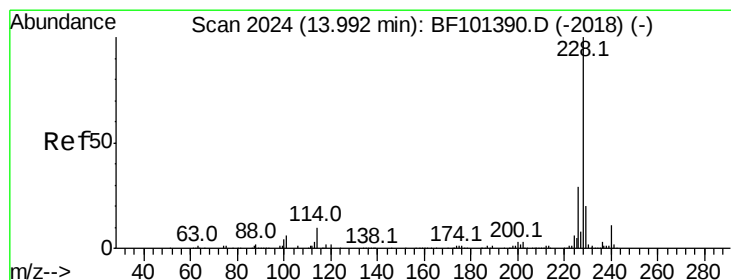
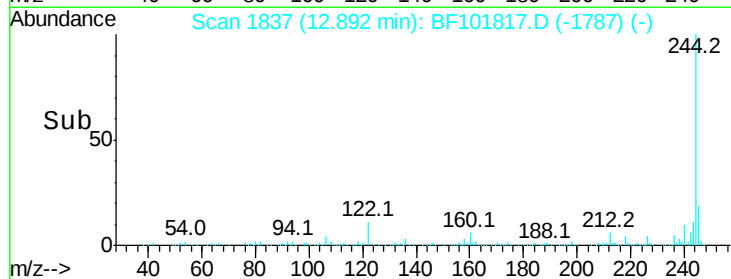
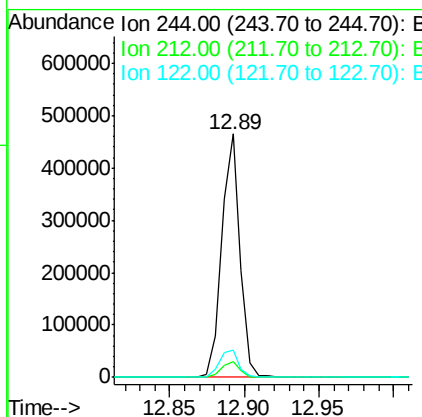
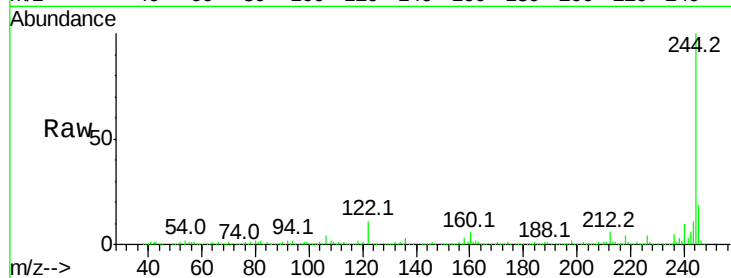
#78
 Terphenyl-d14
 Concen: 34.102 ng
 RT: 12.89 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BF101817.D
 Acq: 29 Dec 2017 9:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	11.0	11.0	16.4

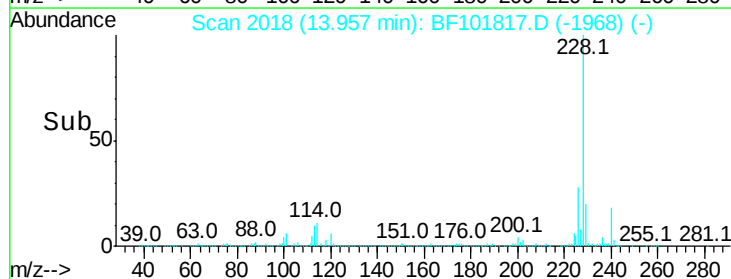
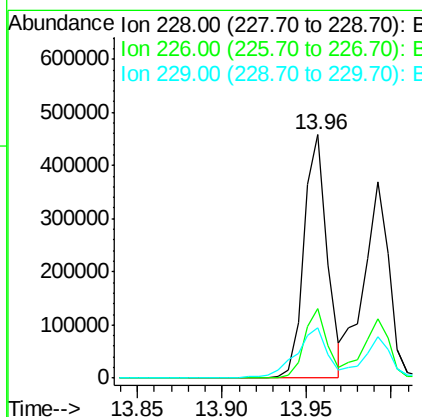
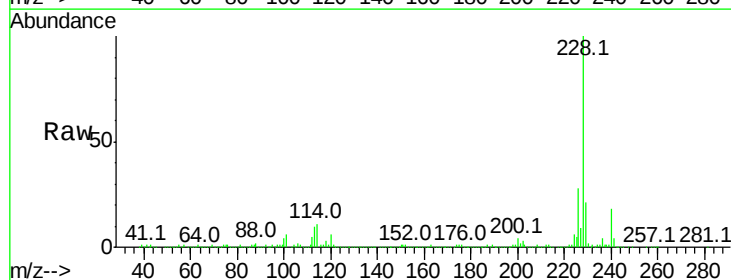
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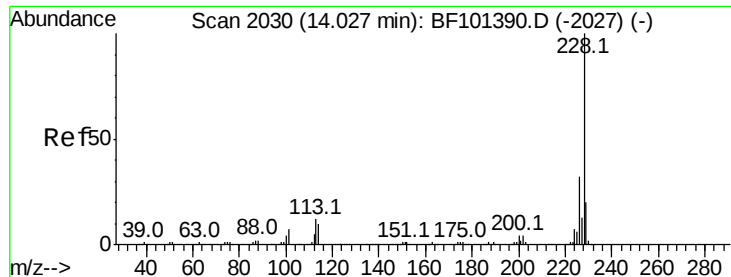
Sohil
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#80
 Benzo(a)anthracene
 Concen: 23.209 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF101817.D
 Acq: 29 Dec 2017 9:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	20.6	15.8	23.6





#82

Chrysene

Concen: 20.082 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF101817.D

Acq: 29 Dec 2017 9:52

Instrument :

BNA_F

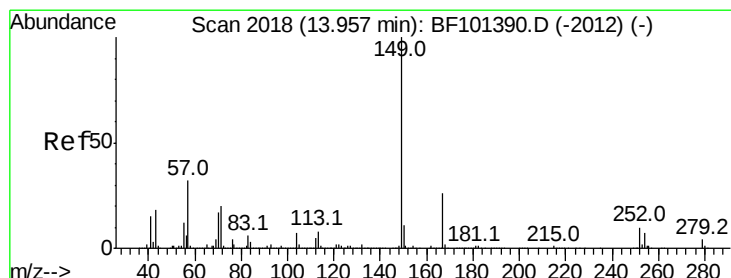
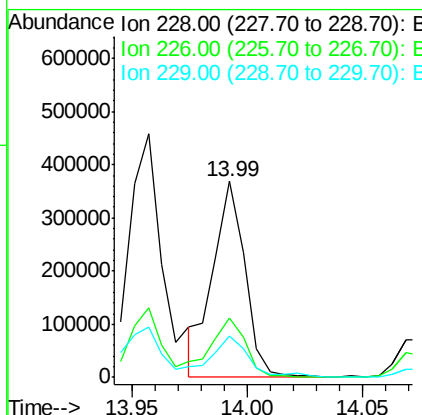
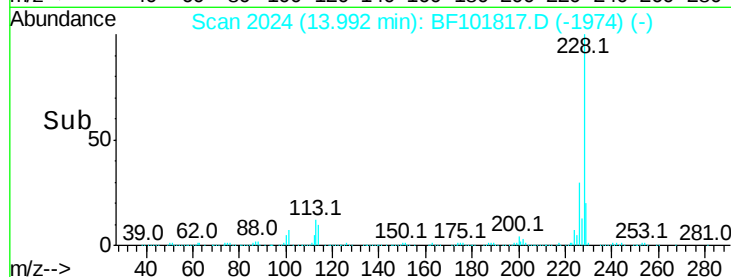
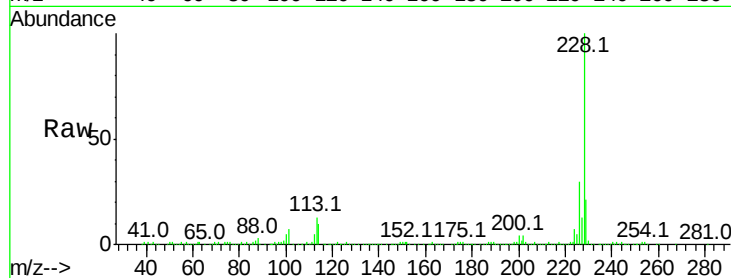
ClientSampled :

TP-2

Tot Ion:	228	Resp:	353235
Ion Ratio	Lower	Upper	
228	100		
226	30.4	25.0	37.6
229	21.0	16.2	24.4

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 3.335 ng

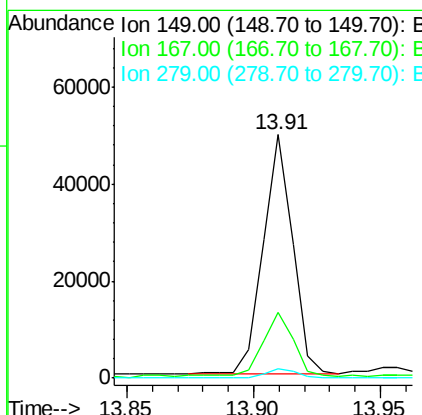
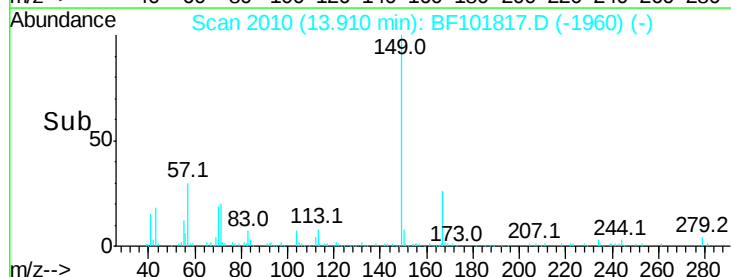
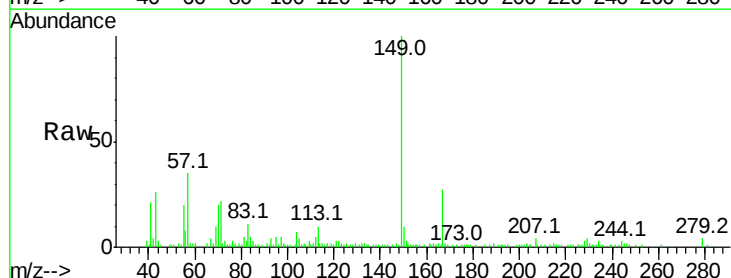
RT: 13.91 min Scan# 2010

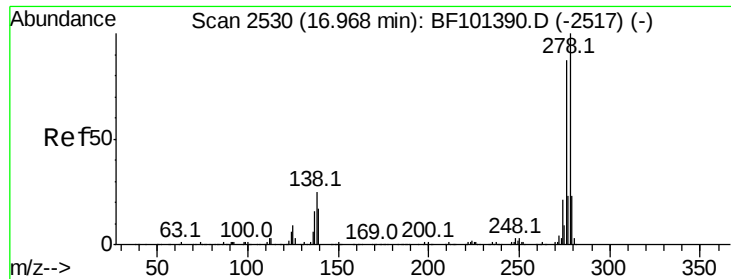
Delta R.T. -0.01 min

Lab File: BF101817.D

Acq: 29 Dec 2017 9:52

Tgt Ion:	149	Resp:	40467
Ion Ratio	Lower	Upper	
149	100		
167	27.2	21.3	31.9
279	3.8	3.0	4.4





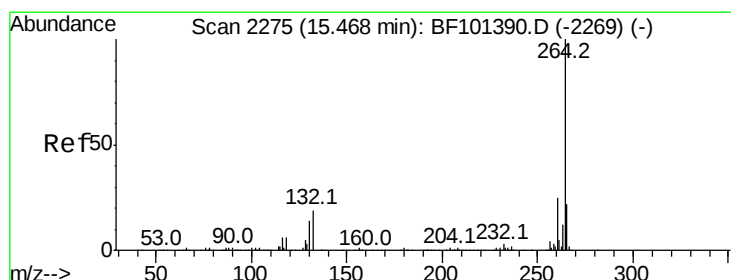
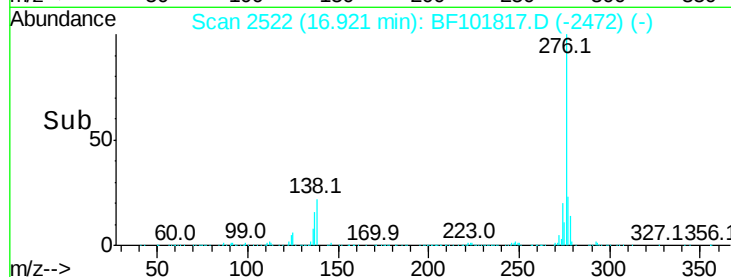
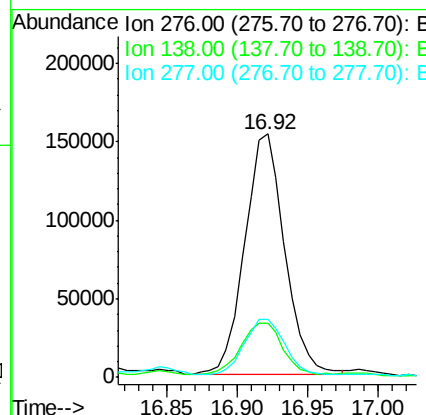
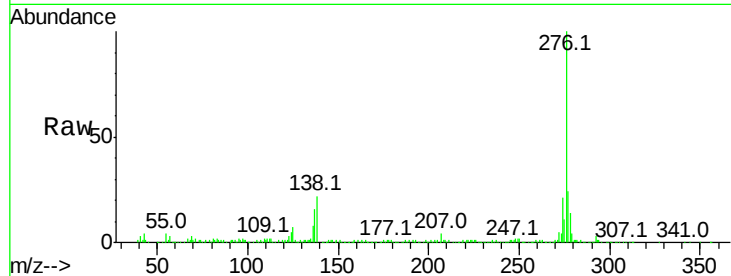
#85
Indeno(1,2,3-cd)pyrene
Concen: 19.312 ng
RT: 16.92 min Scan# 2522
Delta R.T. -0.01 min
Lab File: BF101817.D
Acq: 29 Dec 2017 9:52

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	25.0	37.6#
277	23.5	20.1	30.1

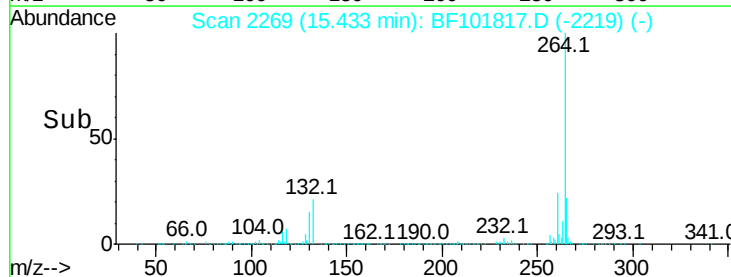
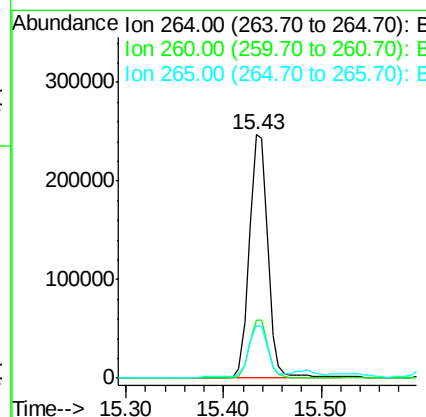
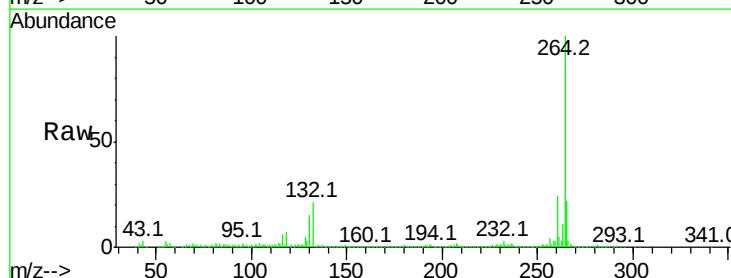
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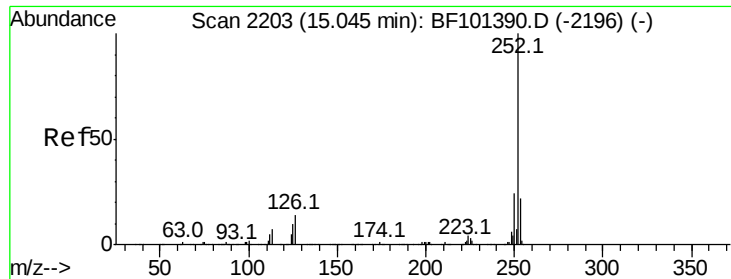
Sohil
1/2/2018 1:04:50 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF101817.D
Acq: 29 Dec 2017 9:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.8	17.5	26.3





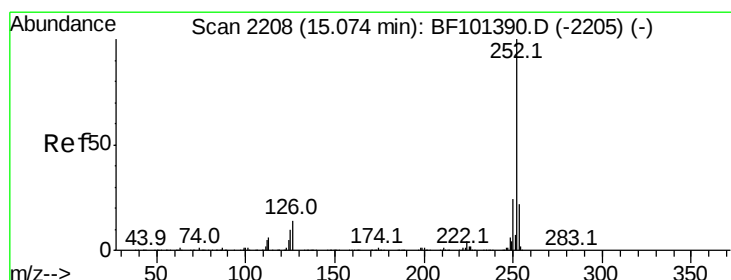
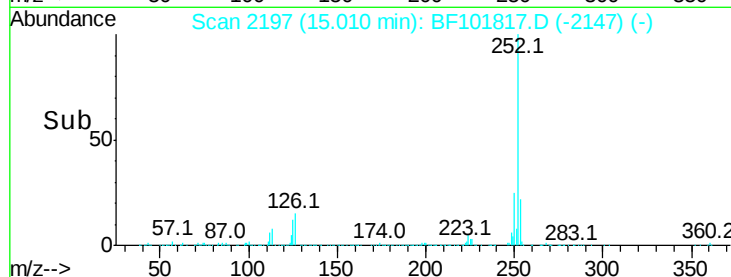
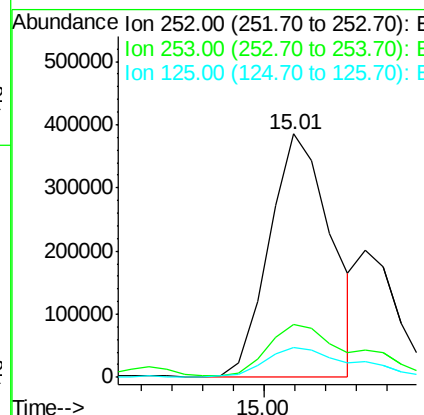
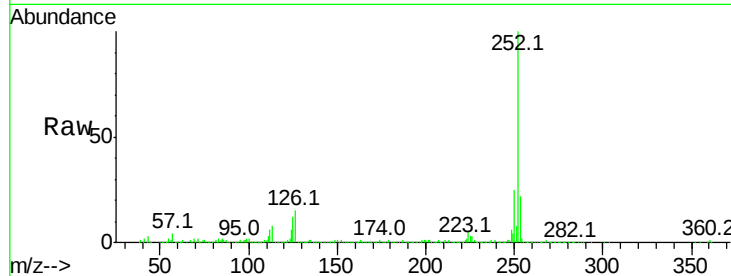
#87
Benzo(b)fluoranthene
Concen: 27.218 ng m
RT: 15.01 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF101817.D
Acq: 29 Dec 2017 9:52

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	12.4	9.0	13.6

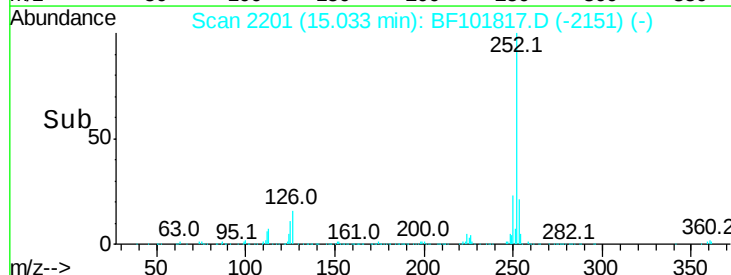
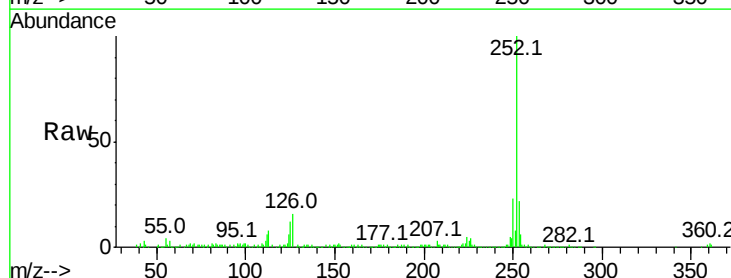
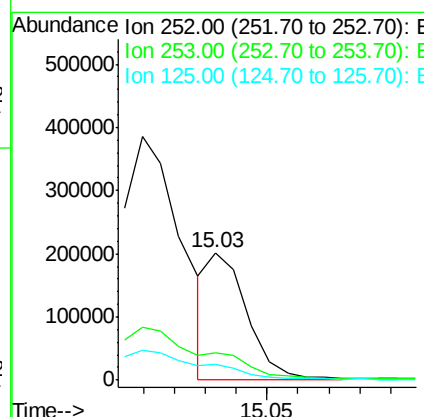
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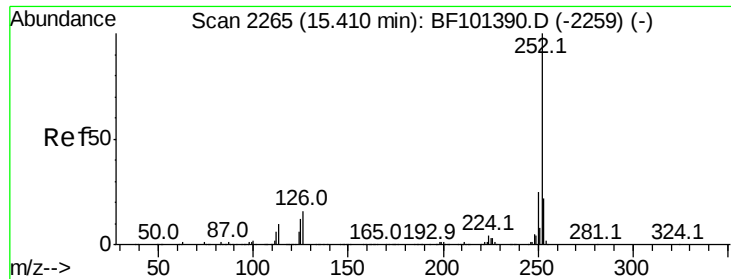
Sohil
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#88
Benzo(k)fluoranthene
Concen: 9.323 ng m
RT: 15.03 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF101817.D
Acq: 29 Dec 2017 9:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	12.0	10.2	15.2





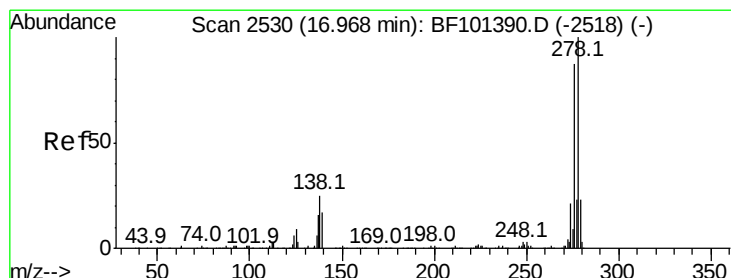
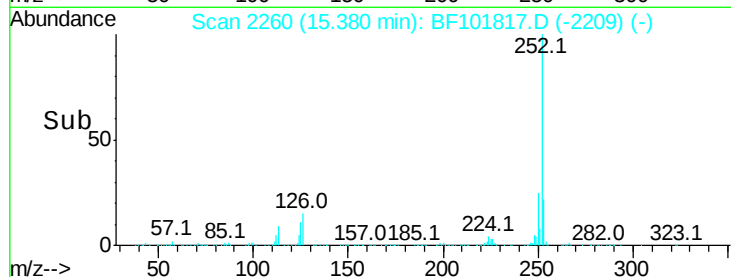
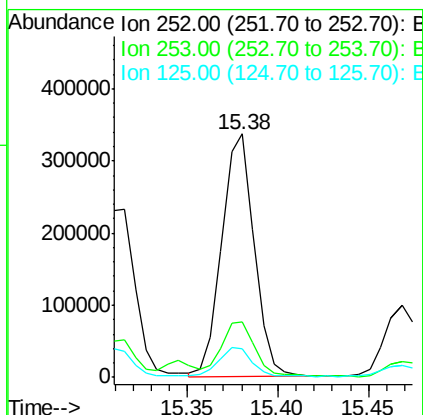
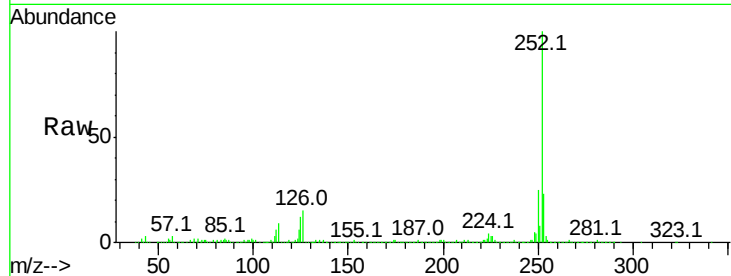
#89
Benzo(a)pyrene
Concen: 22.808 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BF101817.D
Acq: 29 Dec 2017 9:52

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	11.8	9.8	14.6

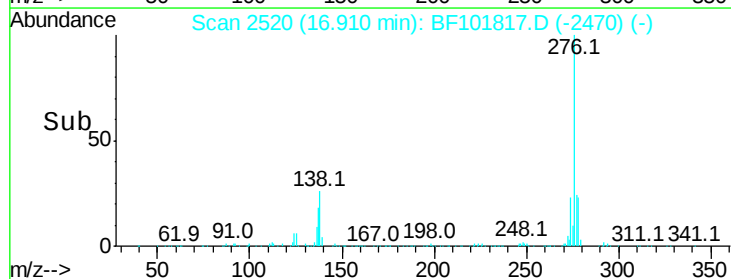
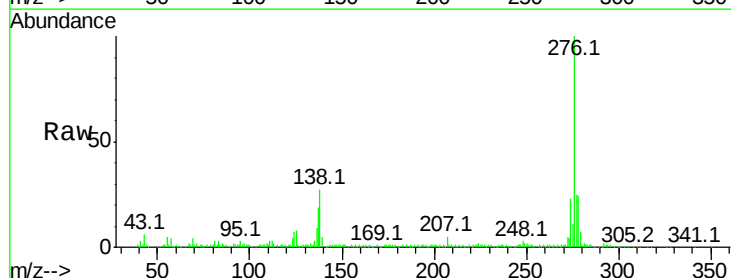
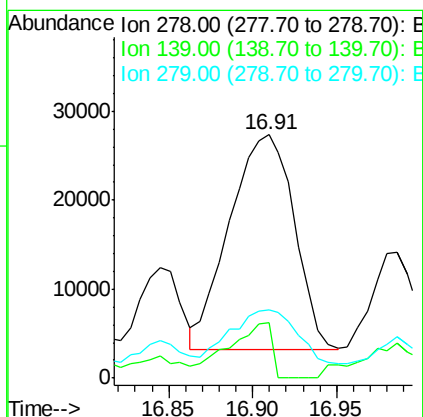
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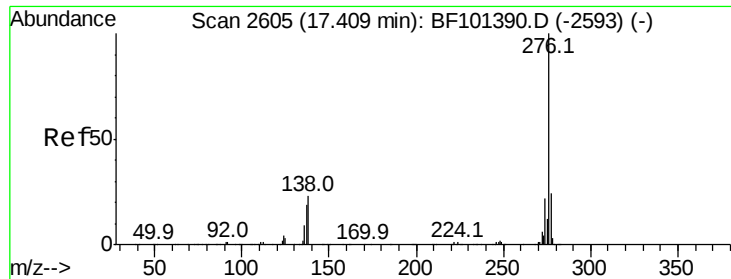
Sohil
1/2/2018 1:04:50 PM



#90
Dibenzo(a,h)anthracene
Concen: 4.072 ng m
RT: 16.91 min Scan# 2520
Delta R.T. -0.01 min
Lab File: BF101817.D
Acq: 29 Dec 2017 9:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.5	15.9	23.9
279	28.1	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 20.308 ng
 RT: 17.37 min Scan# 2598
 Delta R.T. 0.00 min
 Lab File: BF101817.D
 Acq: 29 Dec 2017 9:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.3	17.9	26.9
138	25.0	21.8	32.8

Manual Integrations
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 1/2/2018 1:04:50 PM

