

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110917\
 Data File : BF100356.D
 Acq On : 9 Nov 2017 22:23
 Operator : SJ/JU
 Sample : I6379-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-(2-8)

Manual Integrations
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Quant Time: Nov 10 02:47:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 16:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	192399	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	771088	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	356861	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	656309	20.00	ng	0.00
75) Chrysene-d12	14.06	240	406572	20.00	ng	0.00
86) Perylene-d12	15.54	264	409873	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1170293	97.50	ng	0.02
7) Phenol-d6	6.53	99	1468767	99.24	ng	0.00
23) Nitrobenzene-d5	7.46	82	940620	80.65	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	381989	105.05	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1668201	71.18	ng	0.00
78) Terphenyl-d14	13.01	244	1389696	78.54	ng	0.00
Target Compounds						
10) Phenol	6.53	94	51159	3.293	ng	Qvalue # 59
70) Phenanthrene	11.45	178	187934	5.439	ng	98
74) Fluoranthene	12.63	202	364843	9.962	ng	98
77) Pyrene	12.86	202	329914	11.383	ng	99
80) Benzo(a)anthracene	14.05	228	154473	6.309	ng	94
82) Chrysene	14.09	228	151904	6.407	ng	98
85) Indeno(1,2,3-cd)pyrene	17.03	276	103666	5.406	ng	# 91
87) Benzo(b)fluoranthene	15.11	252	192055m	7.909	ng	
88) Benzo(k)fluoranthene	15.13	252	78015m	3.400	ng	
89) Benzo(a)pyrene	15.48	252	144010	6.690	ng	98
91) Benzo(g,h,i)perylene	17.48	276	98788	5.732	ng	95

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

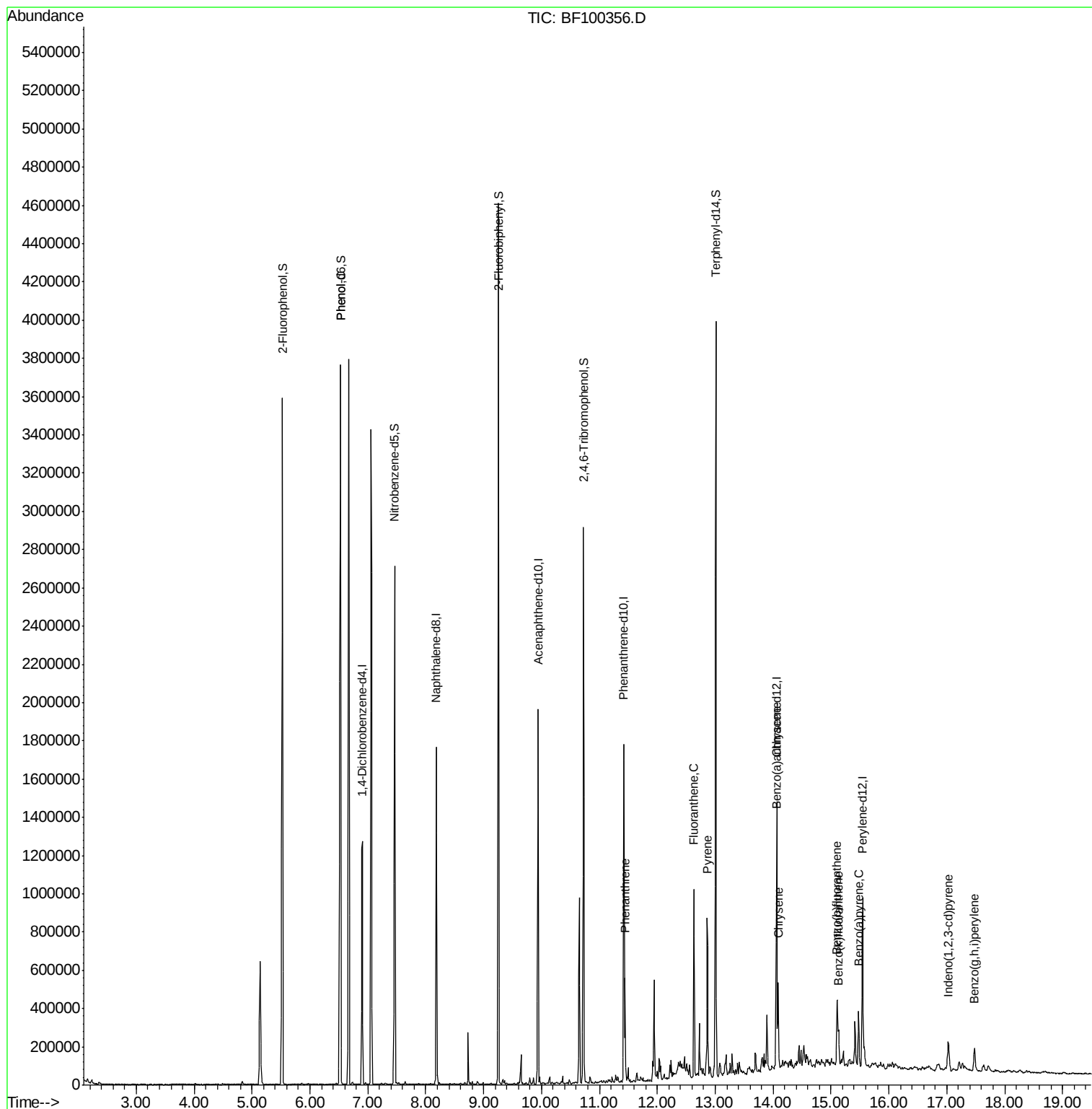
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110917\
Data File : BF100356.D
Acq On : 9 Nov 2017 22:23
Operator : SJ/JU
Sample : I6379-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

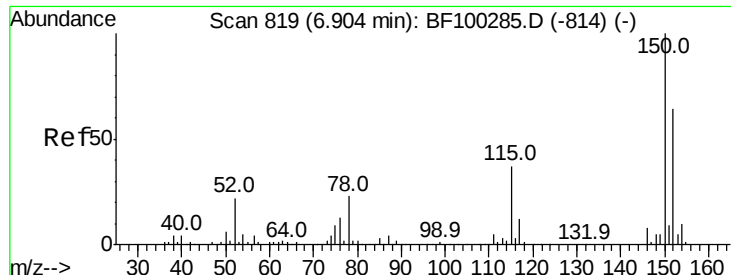
Instrument :
BNA_F
ClientSampleId :
TP-1-(2-8)

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Quant Time: Nov 10 02:47:09 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
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#1

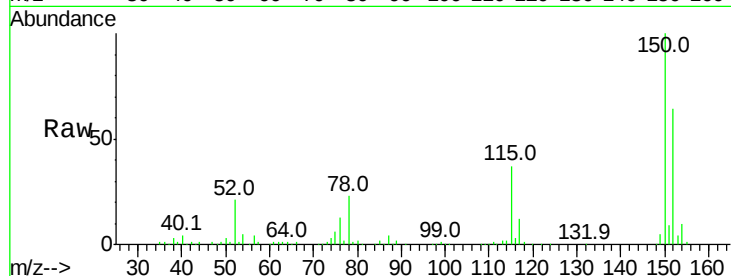
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF100356.D
Acq: 9 Nov 2017 22:23

Instrument :
BNA_F
ClientSampleId :
TP-1-(2-8)

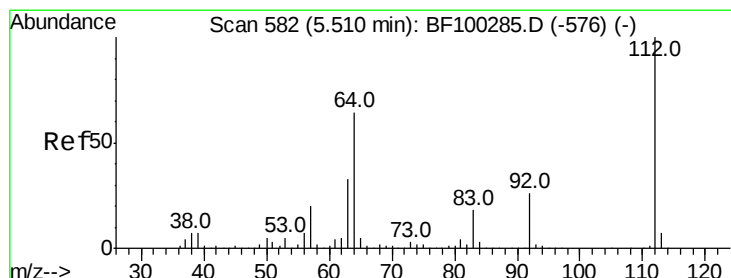
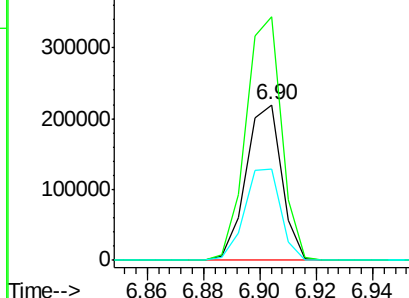
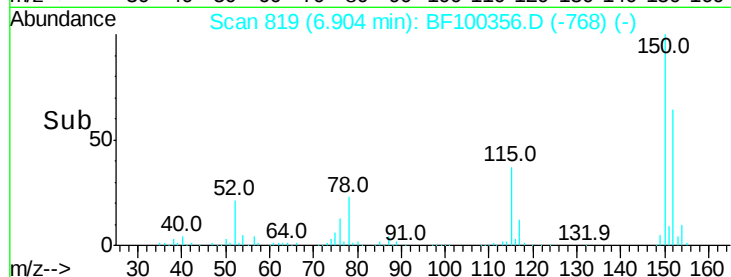
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	58.7	50.1	75.1

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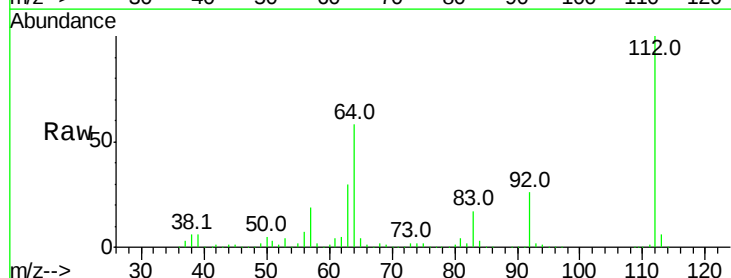
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



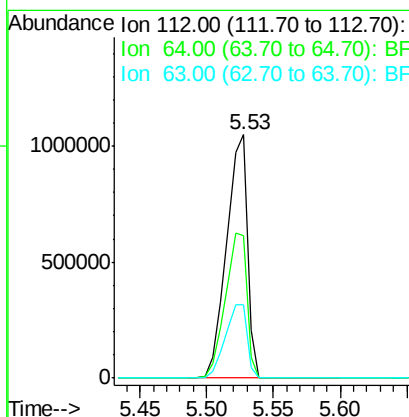
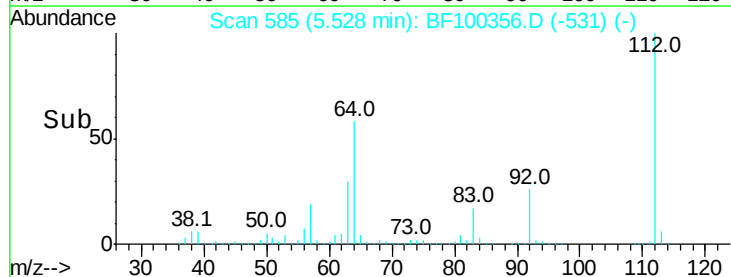
#5

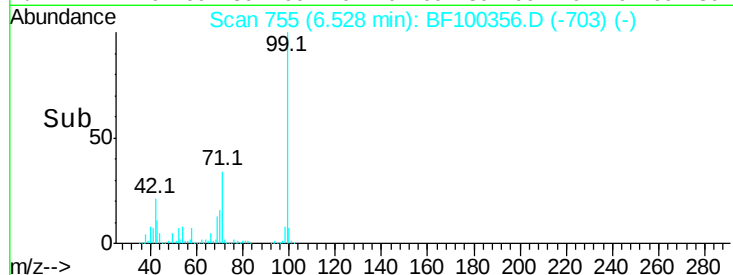
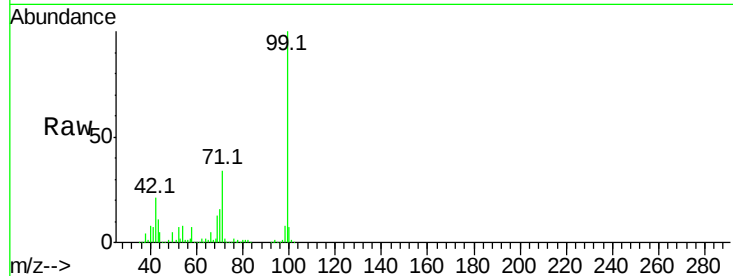
2-Fluorophenol
Concen: 97.504 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.02 min
Lab File: BF100356.D
Acq: 9 Nov 2017 22:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.9	71.9
63	29.9	23.7	35.5



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





#7

Phenol-d6

Concen: 99.236 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF100356.D

Acq: 9 Nov 2017 22:23

Tot Ion: 99 Resp: 1468767

Ion Ratio Lower Upper

99 100

42 20.7 14.5 21.7

71 33.7 25.4 38.0

Instrument :

BNA_F

ClientSampleId :

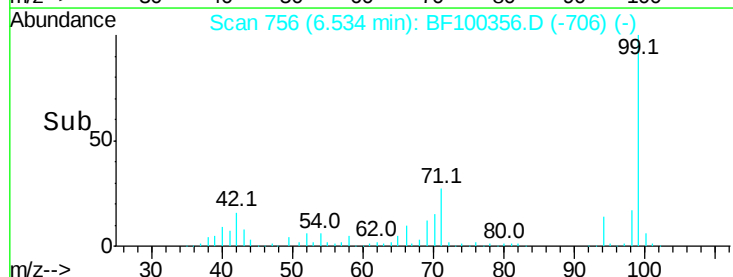
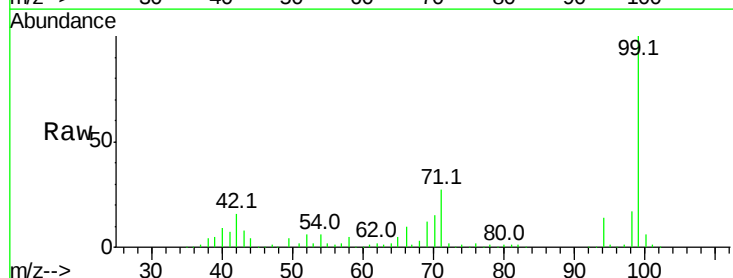
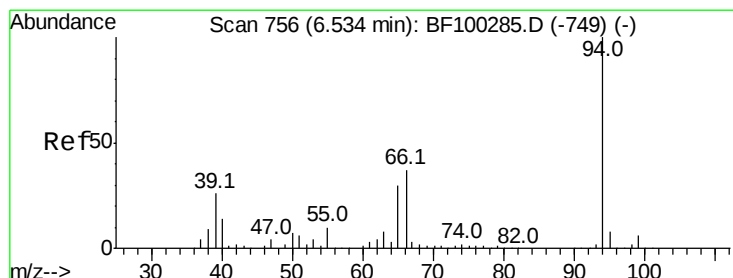
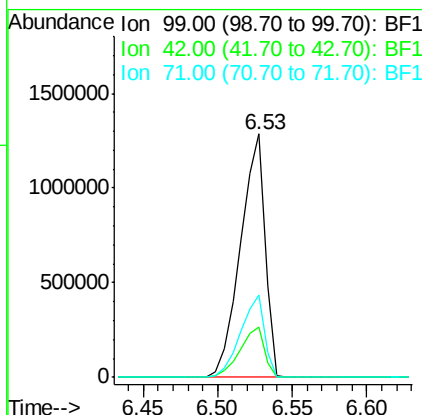
TP-1-(2-8)

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#10

Phenol

Concen: 3.293 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF100356.D

Acq: 9 Nov 2017 22:23

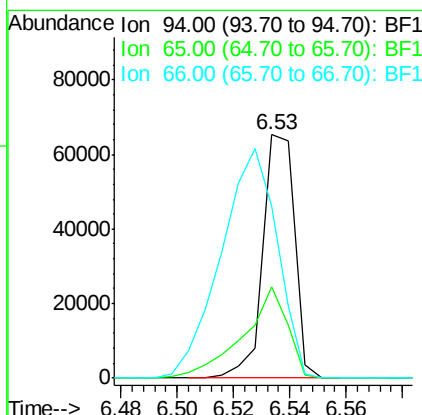
Tgt Ion: 94 Resp: 51159

Ion Ratio Lower Upper

94 100

65 37.6 7.9 47.9

66 70.8 16.2 56.2#





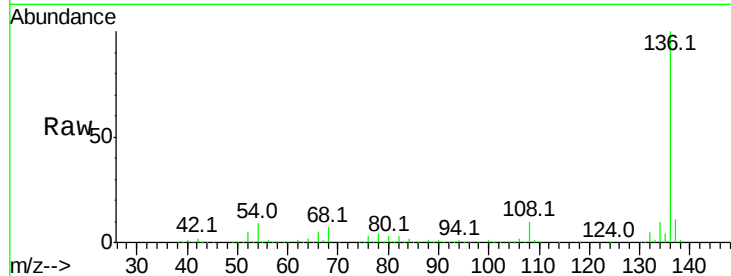
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100356.D
Acq: 9 Nov 2017 22:23

Instrument :
BNA_F
ClientSampleId :
TP-1-(2-8)

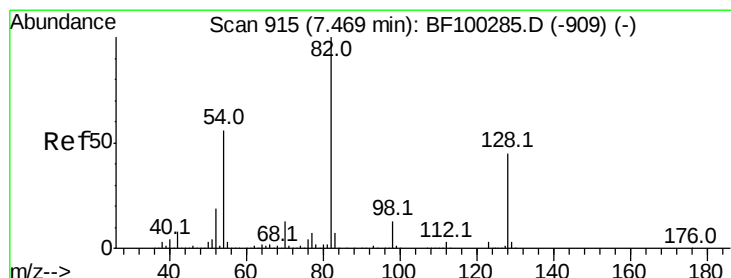
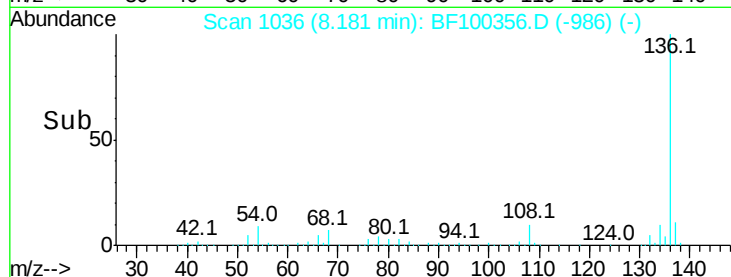
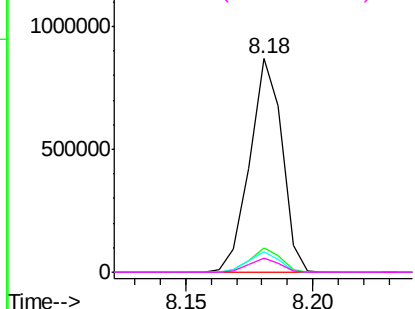
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.9	13.3	
54	9.5	6.6	9.8	
68	6.7	5.0	7.4	

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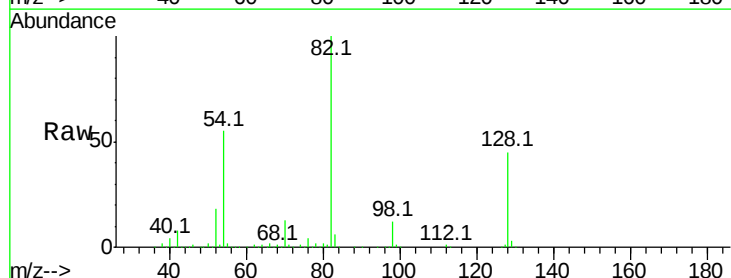


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

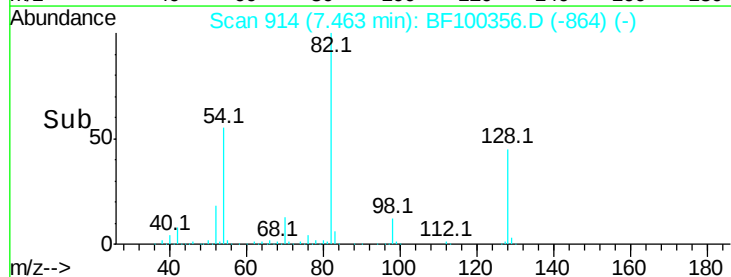
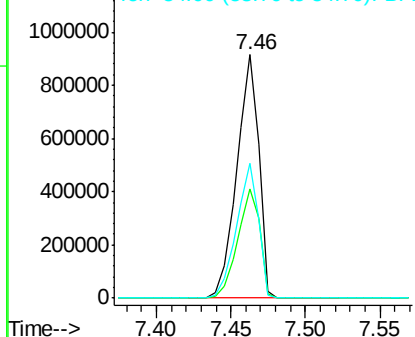


#23
Nitrobenzene-d5
Concen: 80.649 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100356.D
Acq: 9 Nov 2017 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.6	36.1	54.1	
54	55.2	41.4	62.2	



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





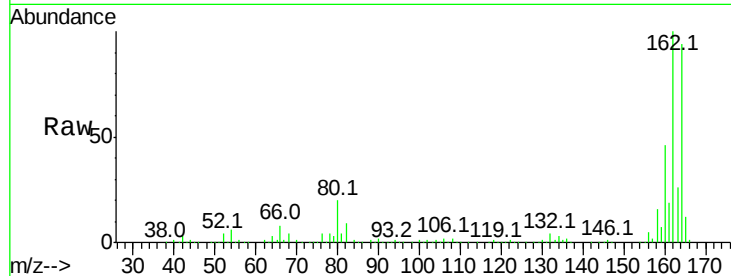
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF100356.D
Acq: 9 Nov 2017 22:23

Instrument :
BNA_F
ClientSampleId :
TP-1-(2-8)

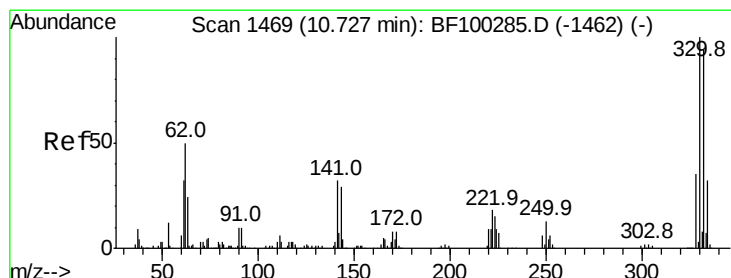
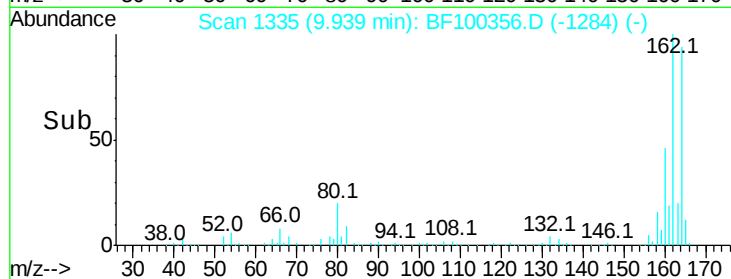
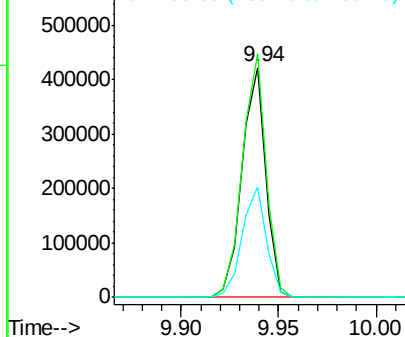
Tot Ion	Ratio	Resp	Lower	Upper
164	100	356861		
162	106.0	86.1	129.1	
160	48.3	38.3	57.5	

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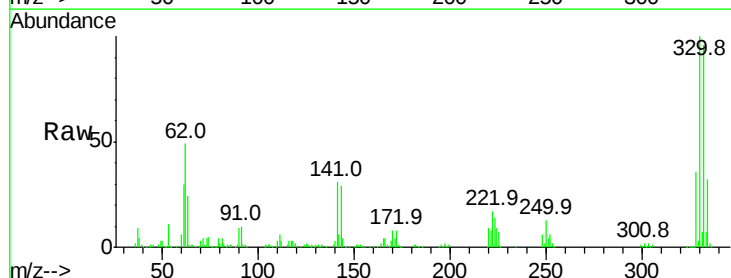


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

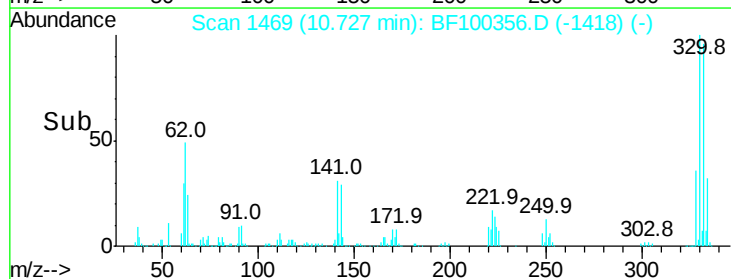
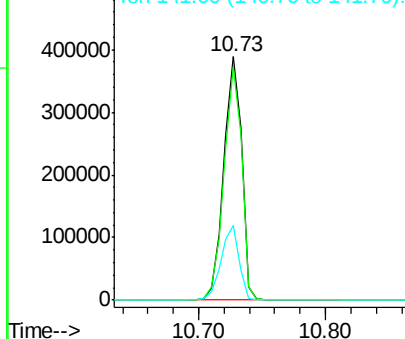


#41
2,4,6-Tribromophenol
Concen: 105.045 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.00 min
Lab File: BF100356.D
Acq: 9 Nov 2017 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	381989		
332	95.2	77.0	115.6	
141	30.7	29.9	44.9	



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





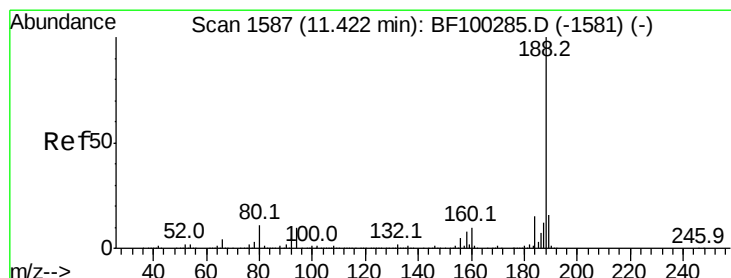
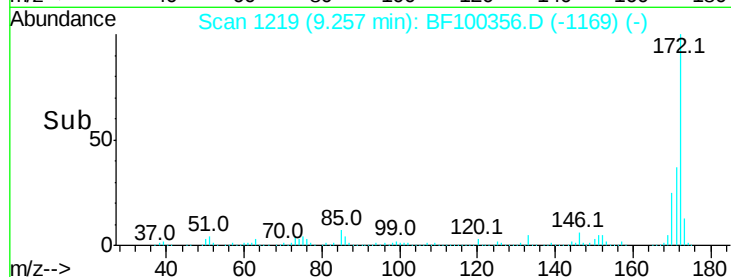
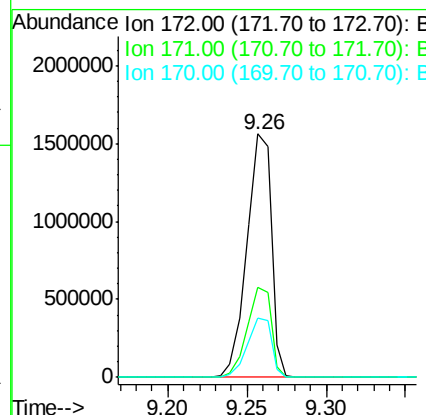
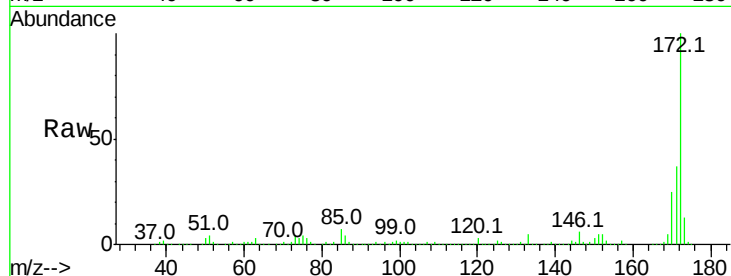
#44
 2-Fluorobiphenyl
 Concen: 71.181 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100356.D
 Acq: 9 Nov 2017 22:23

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-(2-8)

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.5	19.6	29.4

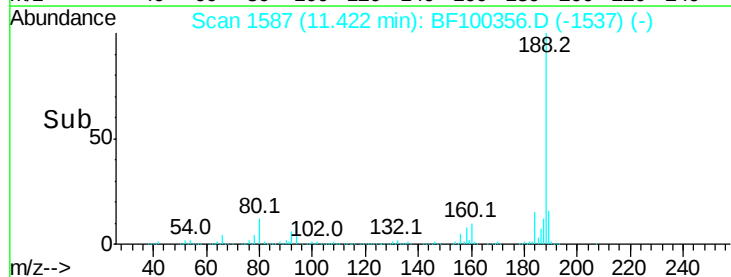
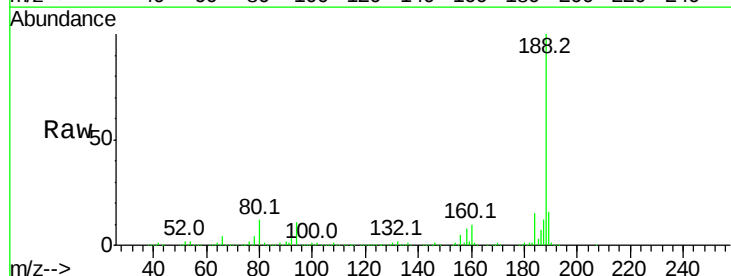
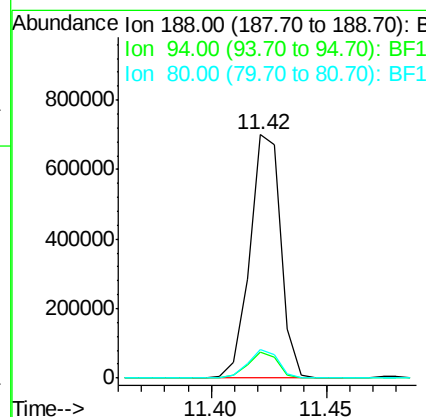
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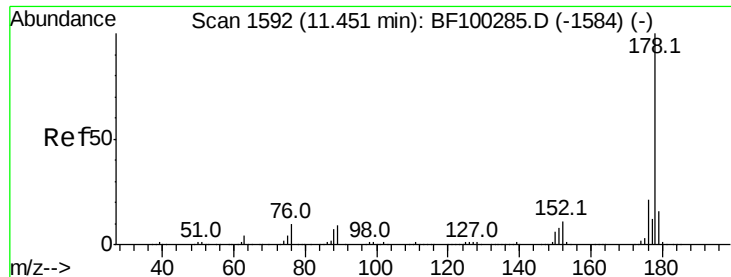
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF100356.D
 Acq: 9 Nov 2017 22:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.6	9.2	13.8





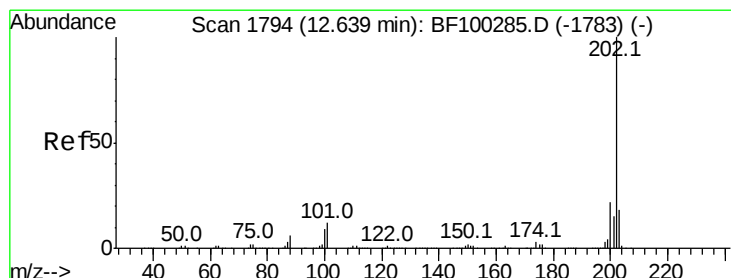
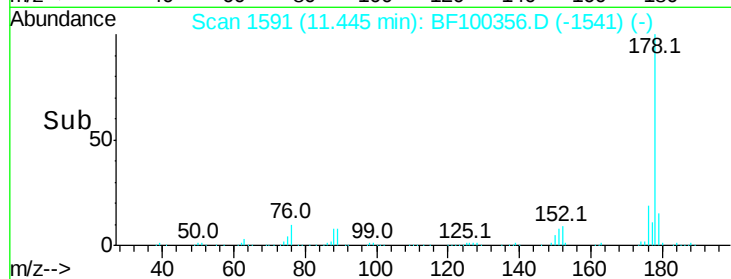
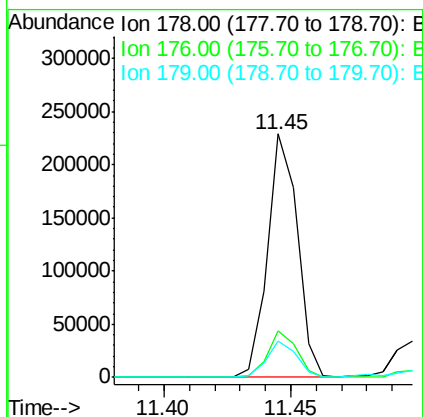
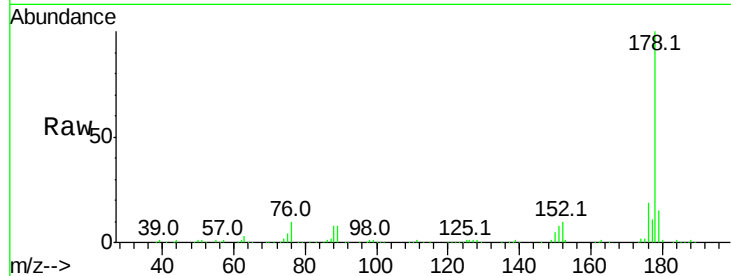
#70
Phenanthrene
Concen: 5.439 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF100356.D
Acq: 9 Nov 2017 22:23

Instrument :
BNA_F
ClientSampleId :
TP-1-(2-8)

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.1	13.0	19.6

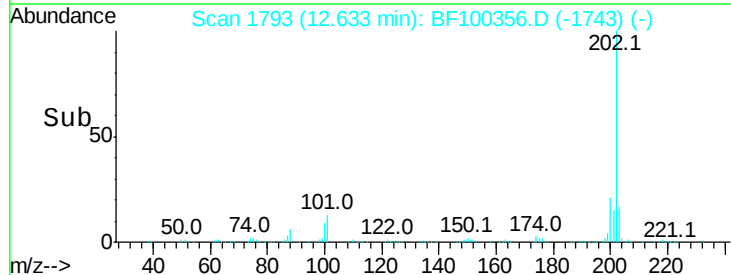
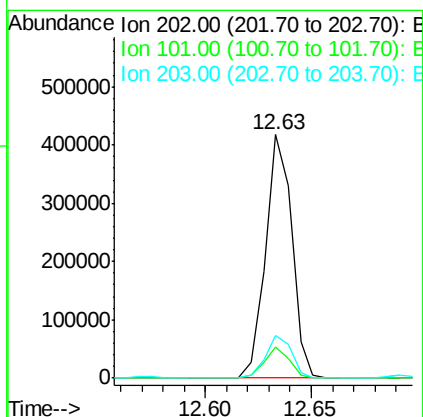
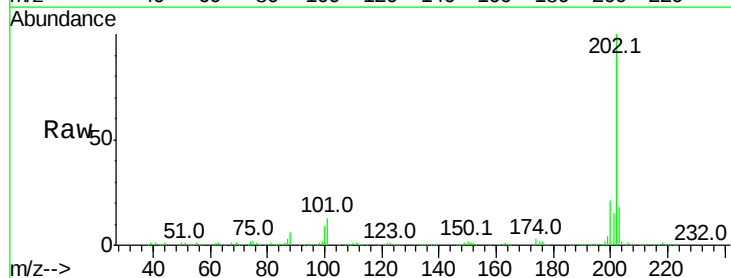
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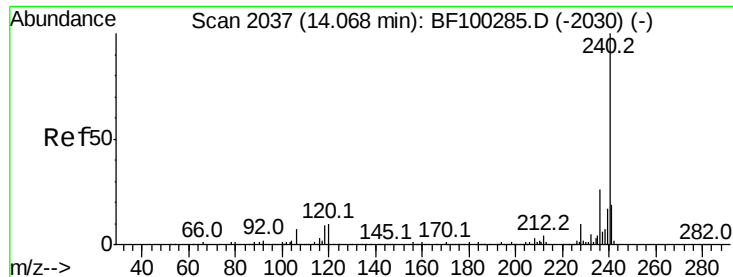
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#74
Fluoranthene
Concen: 9.962 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF100356.D
Acq: 9 Nov 2017 22:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	34.1
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF100356.D

Acq: 9 Nov 2017 22:23

Instrument :

BNA_F

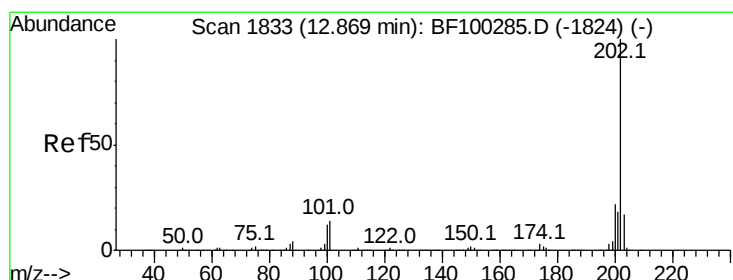
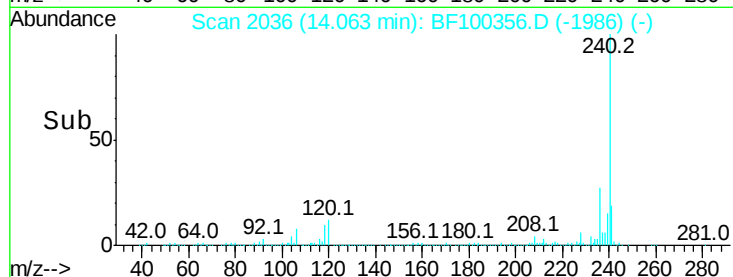
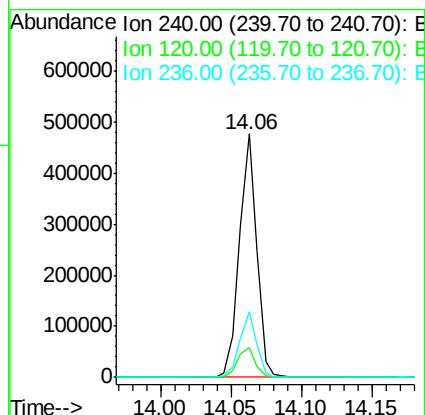
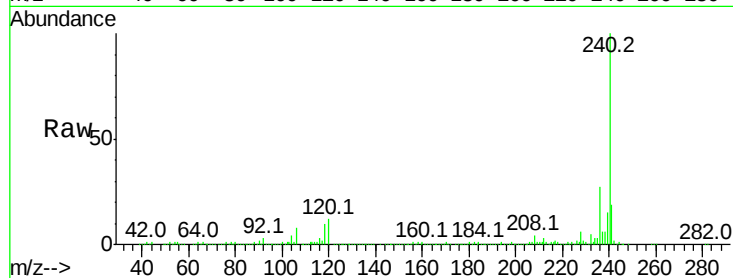
ClientSampleId :

TP-1-(2-8)

Tot Ion:	240	Resp:	406572
Ion Ratio	Lower	Upper	
240	100		
120	12.1	9.5	14.3
236	26.8	20.7	31.1

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#77

Pyrene

Concen: 11.383 ng

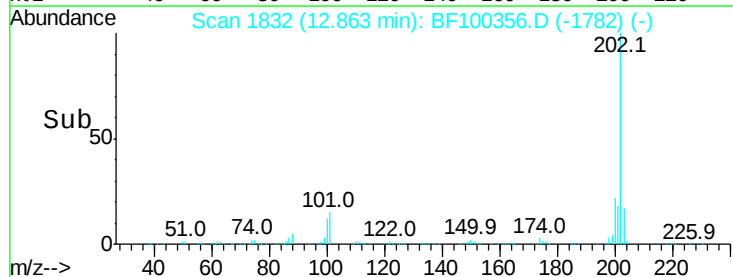
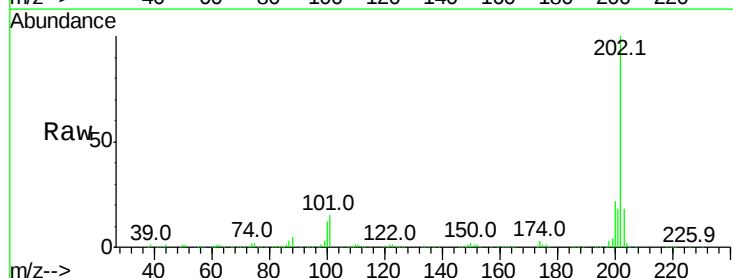
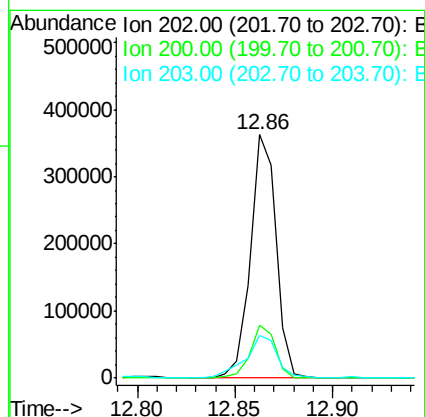
RT: 12.86 min Scan# 1832

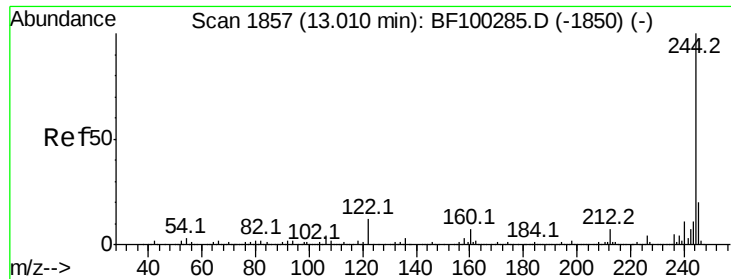
Delta R.T. -0.01 min

Lab File: BF100356.D

Acq: 9 Nov 2017 22:23

Tgt Ion:	202	Resp:	329914
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.4	26.2
203	17.5	14.3	21.5





#78

Terphenyl-d14

Concen: 78.538 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BF100356.D

Acq: 9 Nov 2017 22:23

Instrument :

BNA_F

ClientSampled :

TP-1-(2-8)

Tot Ion:244 Resp: 1389696

Ion Ratio Lower Upper

244 100

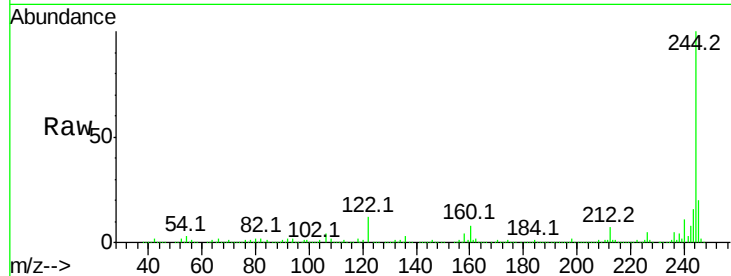
212 7.3 5.4 8.0

122 12.0 11.0 16.4

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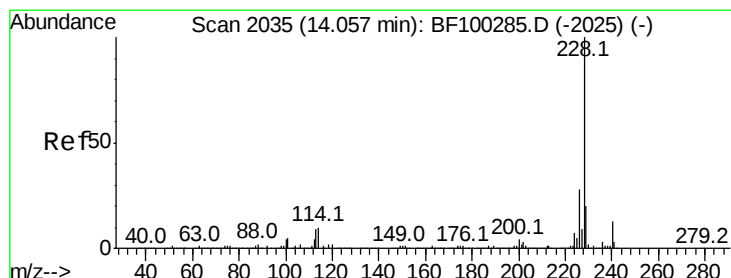
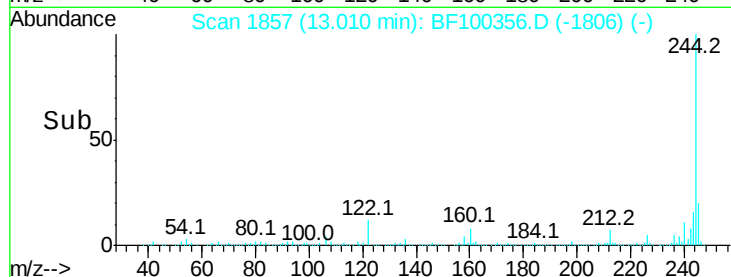
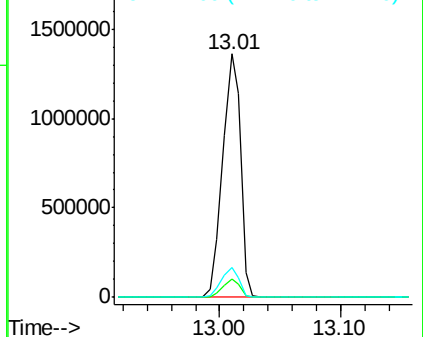
11/10/2017 1:15:19 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 6.309 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF100356.D

Acq: 9 Nov 2017 22:23

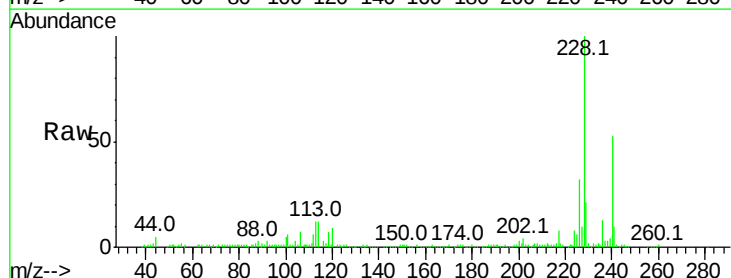
Tgt Ion:228 Resp: 154473

Ion Ratio Lower Upper

228 100

226 32.2 22.6 33.8

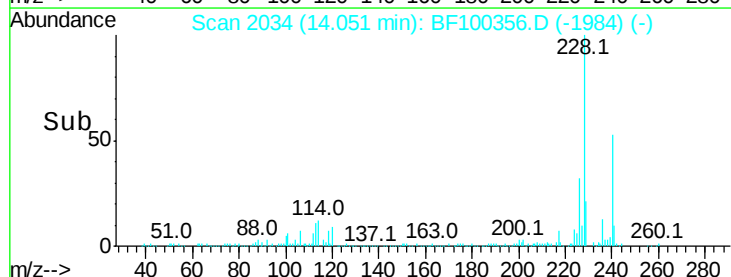
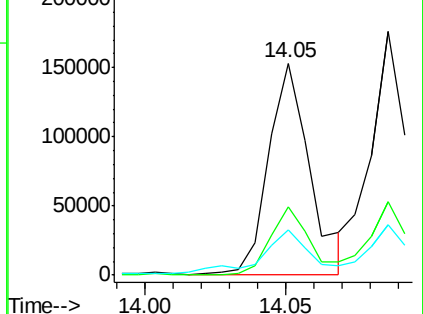
229 21.5 15.8 23.6

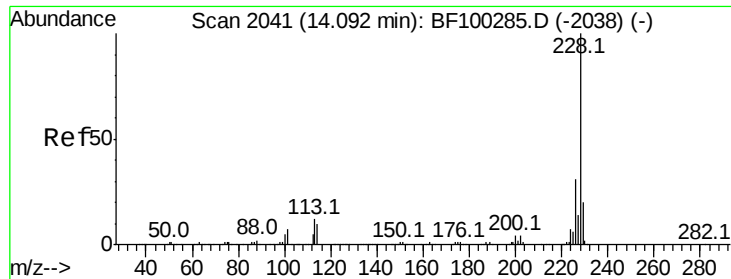


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





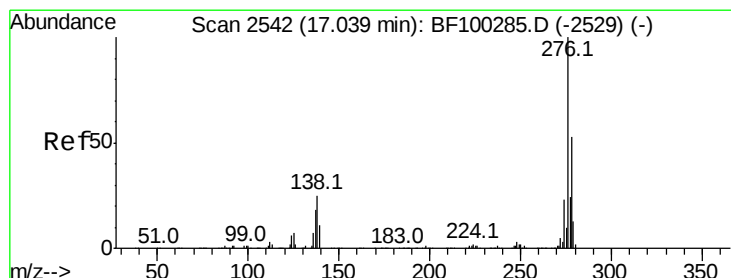
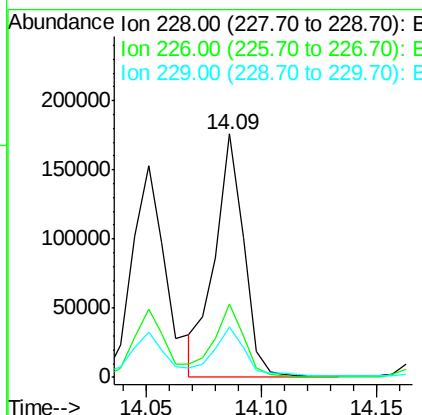
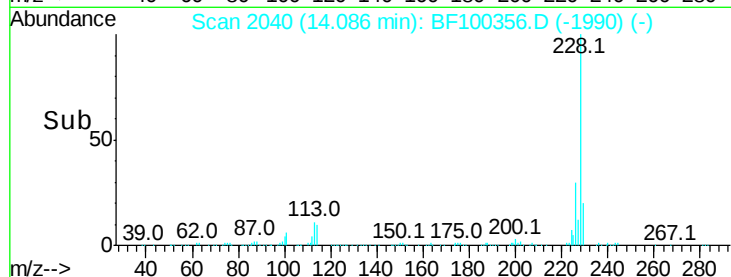
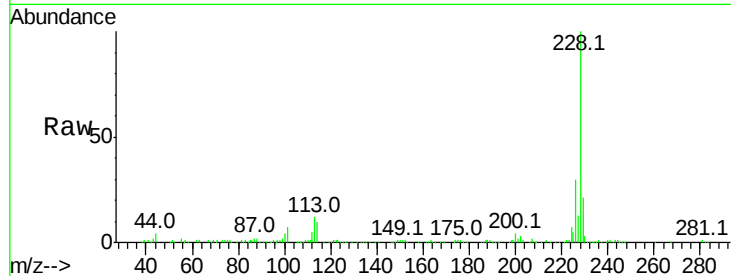
#82
Chrysene
Concen: 6.407 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF100356.D
Acq: 9 Nov 2017 22:23

Instrument :
BNA_F
ClientSampleId :
TP-1-(2-8)

Tot Ion	Ratio	Resp	Lower	Upper
228	100	151904		
226	30.0	25.0	37.6	
229	20.8	16.2	24.4	

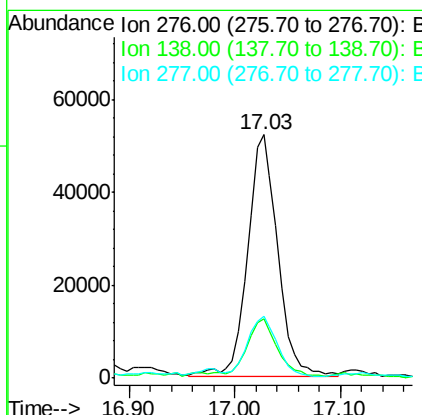
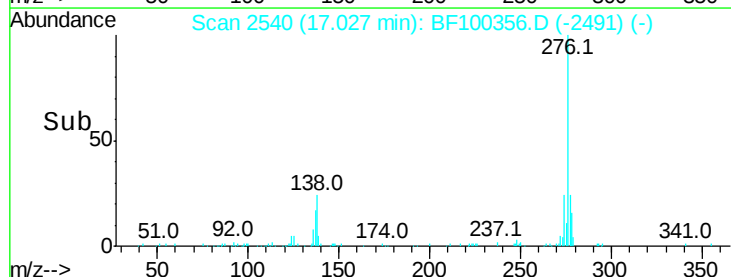
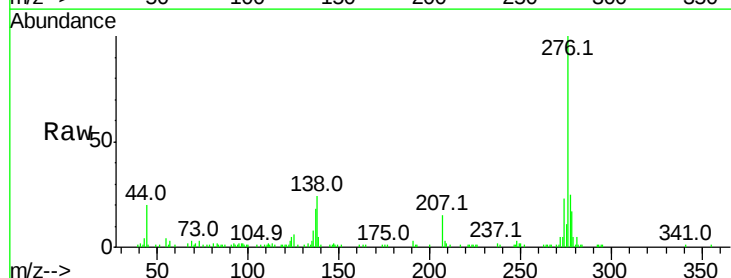
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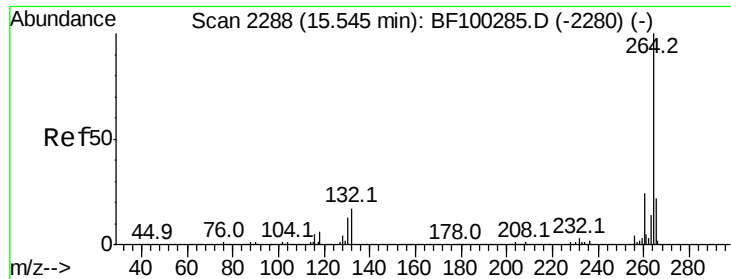
Sohil
11/10/2017 1:15:19 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 5.406 ng
RT: 17.03 min Scan# 2540
Delta R.T. -0.01 min
Lab File: BF100356.D
Acq: 9 Nov 2017 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	103666		
138	22.9	25.0	37.6	
277	24.8	20.1	30.1	





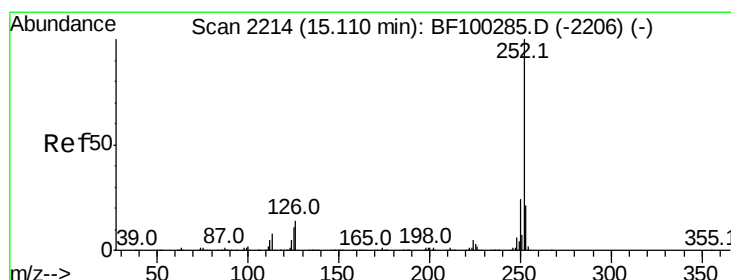
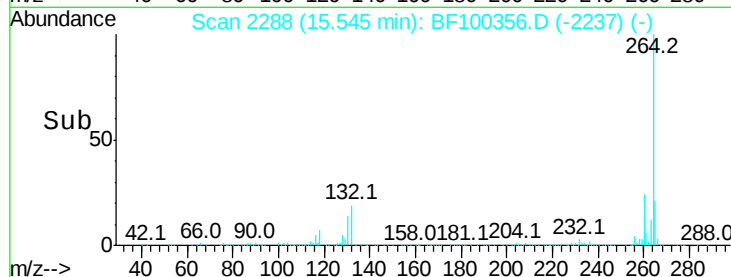
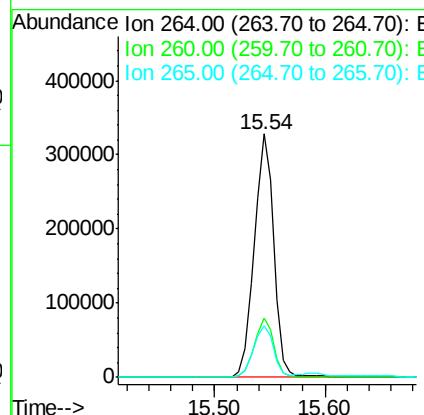
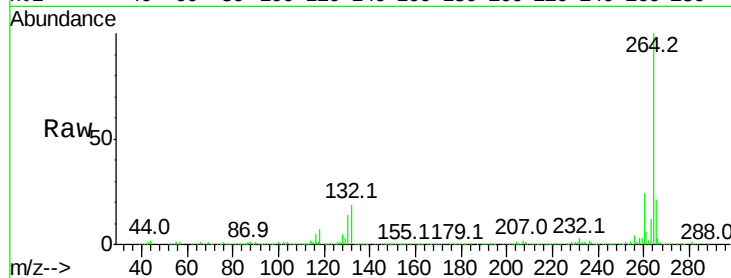
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BF100356.D
Acq: 9 Nov 2017 22:23

Instrument :
BNA_F
ClientSampleId :
TP-1-(2-8)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.4	17.5	26.3

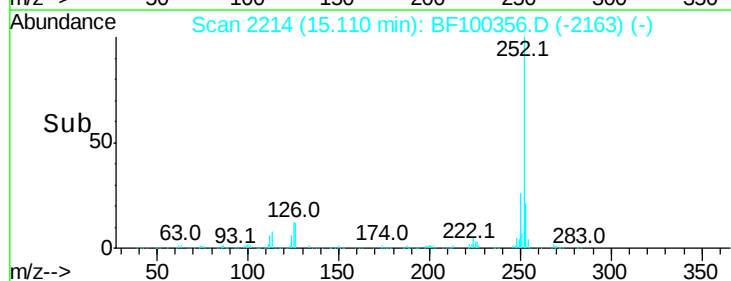
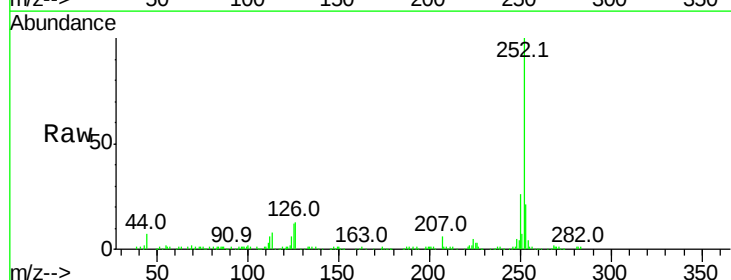
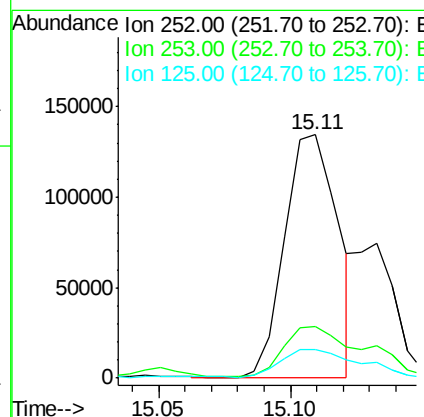
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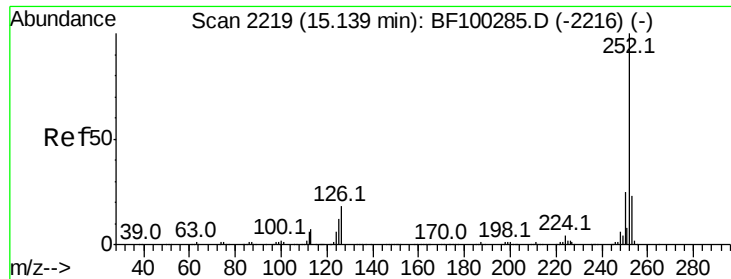
Sohil
11/10/2017 1:15:19 PM



#87
Benzo(b)fluoranthene
Concen: 7.909 ng m
RT: 15.11 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BF100356.D
Acq: 9 Nov 2017 22:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.0	25.6
125	12.0	9.0	13.6





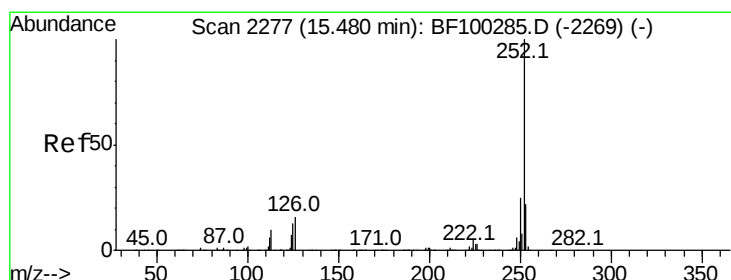
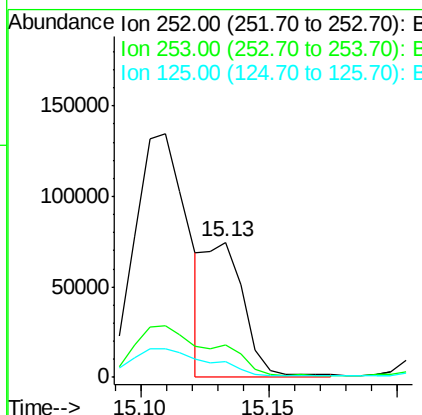
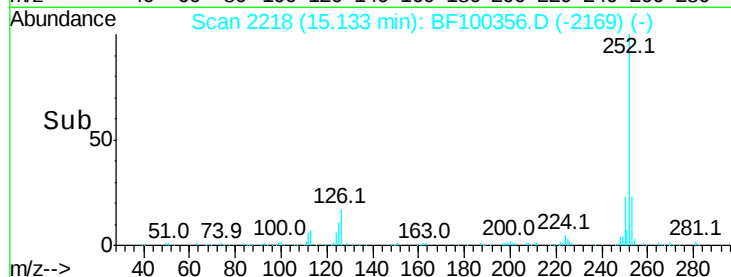
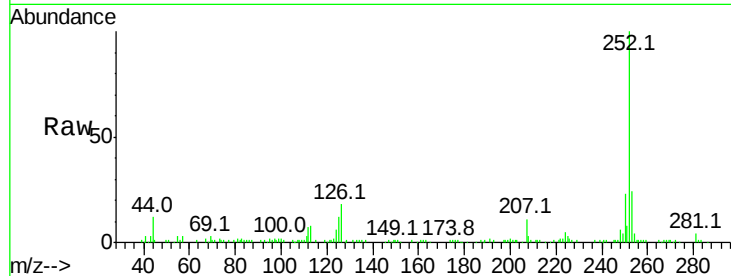
#88
Benzo(k)fluoranthene
Concen: 3.400 ng m
RT: 15.13 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF100356.D
Acq: 9 Nov 2017 22:23

Instrument :
BNA_F
ClientSampleId :
TP-1-(2-8)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.9	26.9
125	11.9	10.2	15.2

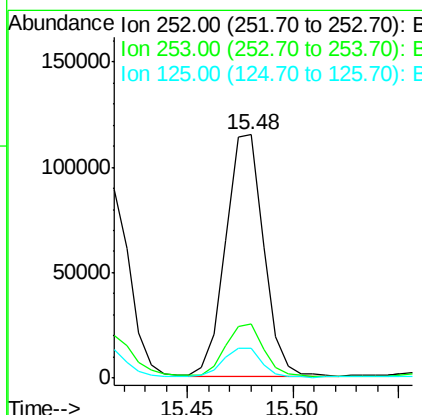
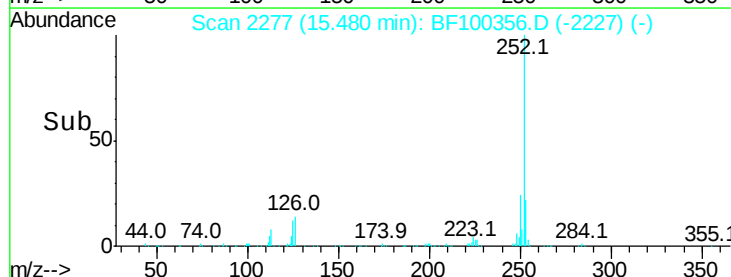
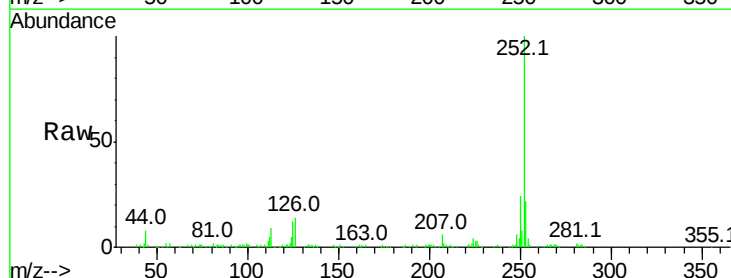
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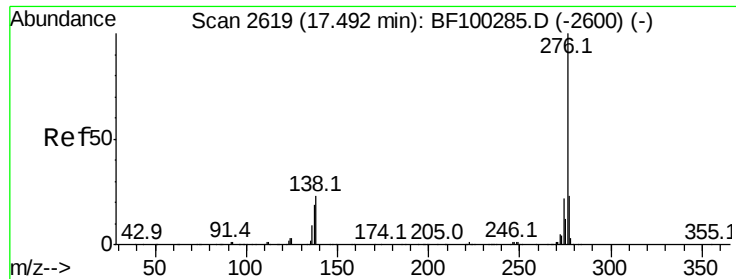
Sohil
11/10/2017 1:15:19 PM



#89
Benzo(a)pyrene
Concen: 6.690 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.01 min
Lab File: BF100356.D
Acq: 9 Nov 2017 22:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	12.3	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 5.732 ng
 RT: 17.48 min Scan# 2617
 Delta R.T. -0.01 min
 Lab File: BF100356.D
 Acq: 9 Nov 2017 22:23

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-(2-8)

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	24.0	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 11/10/2017 1:15:19 PM

