

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
 Data File : BF111536.D
 Acq On : 17 Dec 2018 13:44
 Operator : JU/SJ
 Sample : J6386-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS006-0612-01

Manual Integrations
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 12/18/2018 12:47:47 PM

Quant Time: Dec 18 04:42:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	145610	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	529102	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	220797	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	357880	20.00	ng	-0.01
76) Chrysene-d12	13.95	240	490258	20.00	ng	0.00
87) Perylene-d12	15.39	264	421128	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	918244	104.94	ng	0.00
7) Phenol-d6	6.44	99	1112752	95.60	ng	0.00
23) Nitrobenzene-d5	7.35	82	711962	80.13	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	183830	92.94	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1160739	81.20	ng	-0.01
79) Terphenyl-d14	12.90	244	1222489	58.55	ng	0.00
Target Compounds						
10) Phenol	6.45	94	80609	6.217	ng	95
49) Acenaphthylene	9.68	152	46887	2.221	ng	95
50) Dimethylphthalate	9.54	163	105763	6.651	ng	95
71) Phenanthrene	11.33	178	118922	6.449	ng	93
75) Fluoranthene	12.52	202	116871	6.478	ng	96
78) Pyrene	12.74	202	205623	5.949	ng	96
81) Benzo(a)anthracene	13.94	228	71754m	2.692	ng	
83) Chrysene	13.97	228	79603	2.835	ng	95
88) Benzo(b)fluoranthene	14.97	252	68375m	2.785	ng	
90) Benzo(a)pyrene	15.33	252	70513	3.185	ng	# 83
92) Benzo(g,h,i)perylene	17.23	276	41095	2.397	ng	98

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

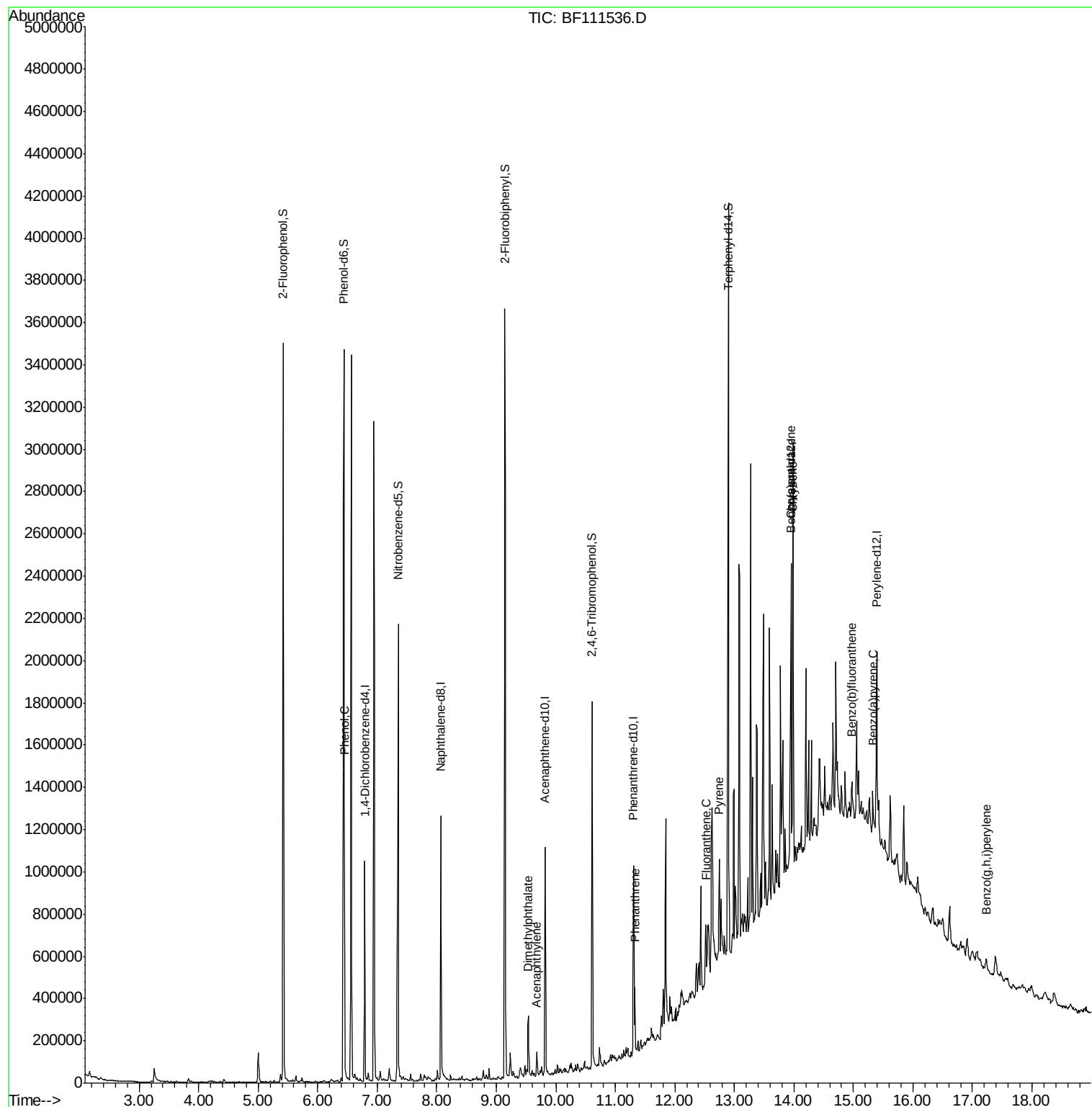
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111536.D
Acq On : 17 Dec 2018 13:44
Operator : JU/SJ
Sample : J6386-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

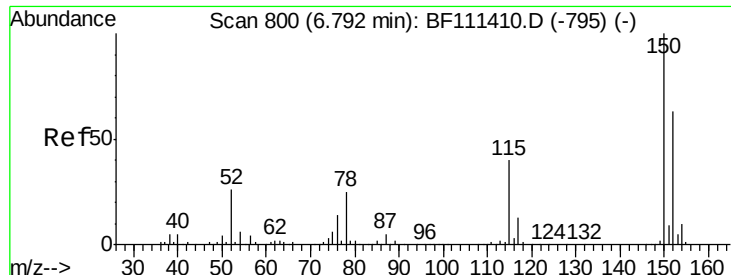
Instrument :
BNA_F
ClientSampleId :
P001-SS006-0612-01

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Quant Time: Dec 18 04:42:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration





#1

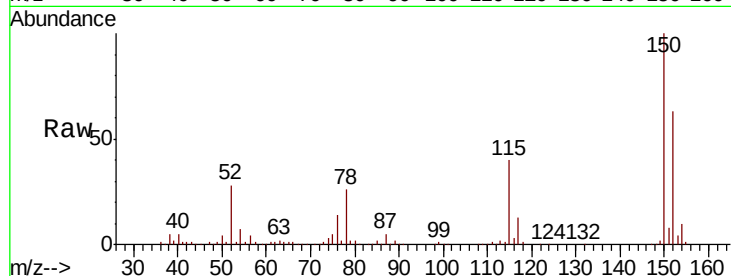
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF111536.D
Acq: 17 Dec 2018 13:44

Instrument :
BNA_F
ClientSampleId :
P001-SS006-0612-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	126.6	189.8
115	63.5	50.7	76.1

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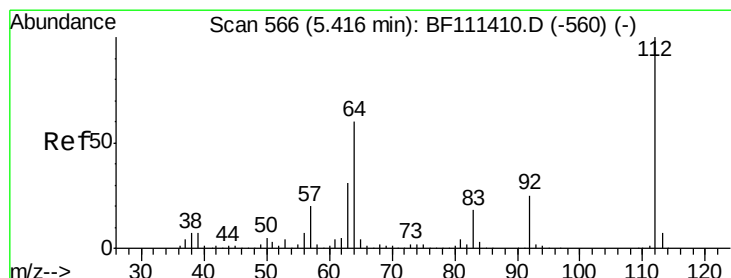
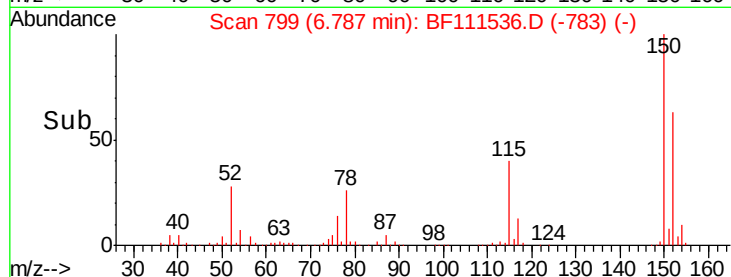
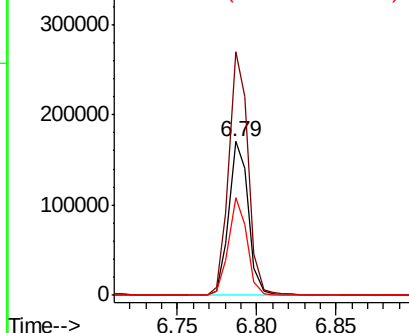


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

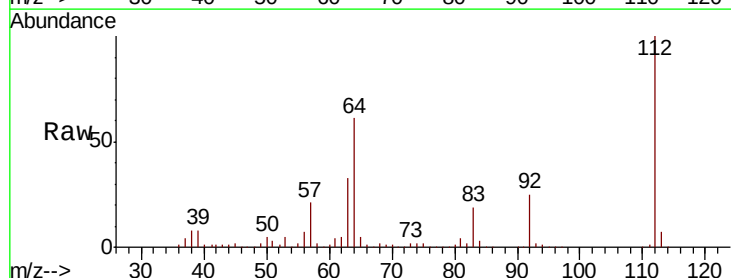
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 104.939 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111536.D
Acq: 17 Dec 2018 13:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	51.8	77.6
63	33.2	26.8	40.2

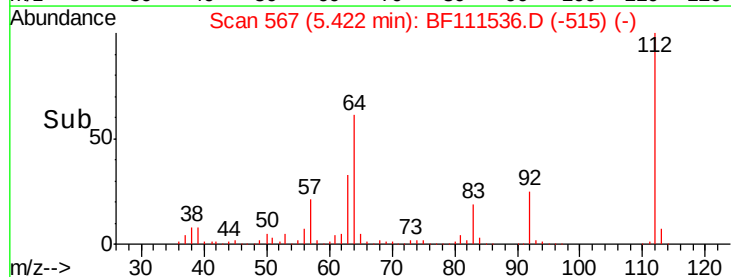
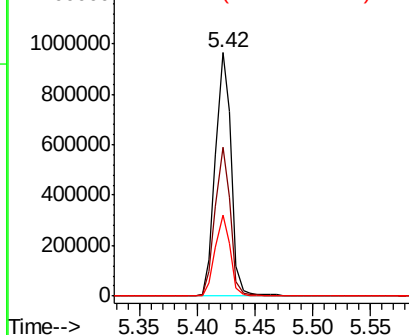


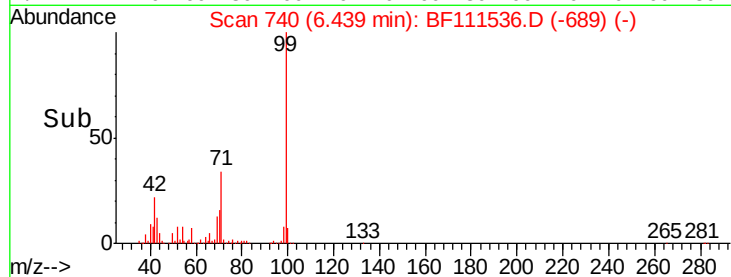
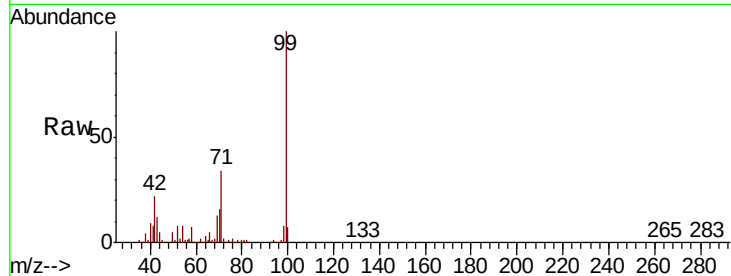
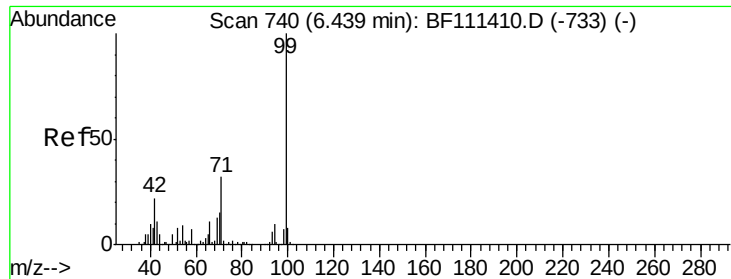
Abundance

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: 95.602 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111536.D

Acq: 17 Dec 2018 13:44

Tot Ion: 99 Resp: 1112752

Ion Ratio Lower Upper

99 100

42 22.4 17.4 26.0

71 34.5 26.1 39.1

Instrument :

BNA_F

ClientSampleId :

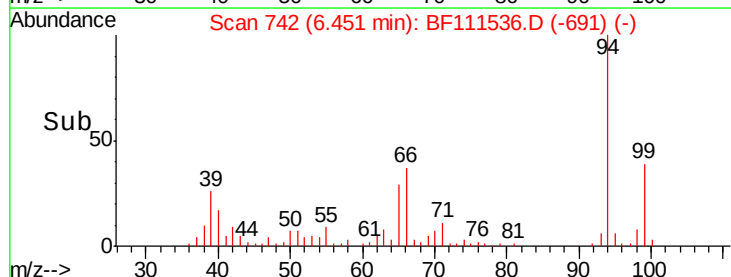
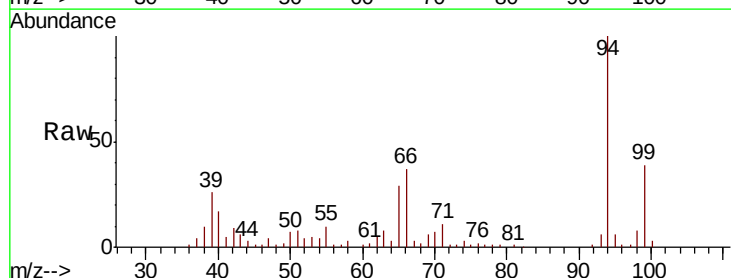
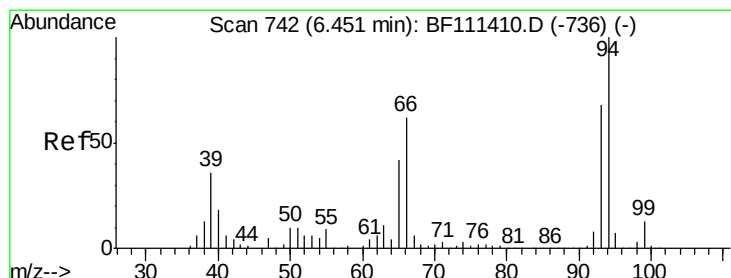
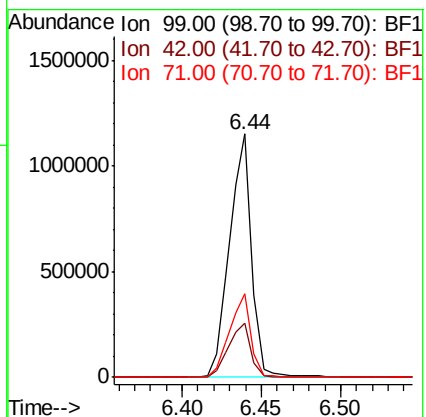
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#10

Phenol

Concen: 6.217 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF111536.D

Acq: 17 Dec 2018 13:44

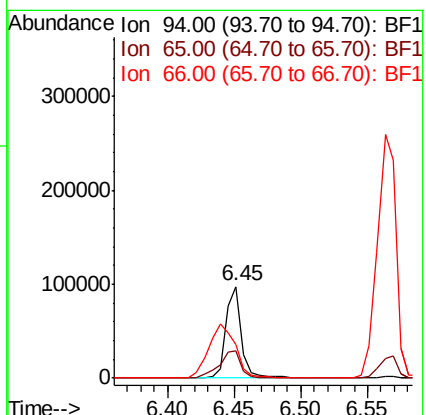
Tgt Ion: 94 Resp: 80609

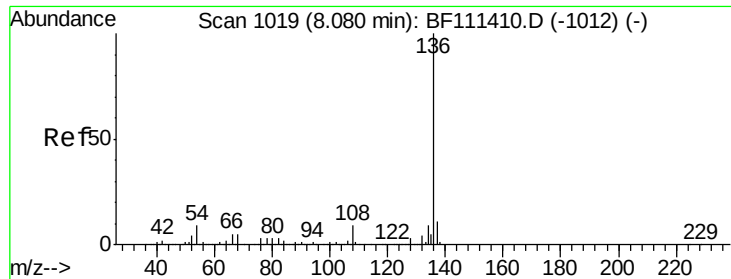
Ion Ratio Lower Upper

94 100

65 29.3 11.7 51.7

66 37.4 21.0 61.0





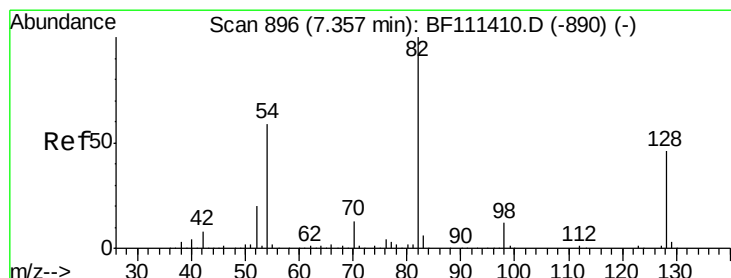
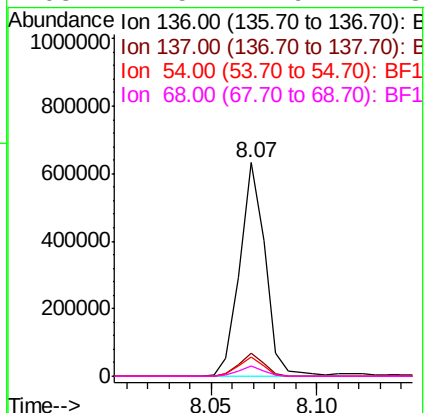
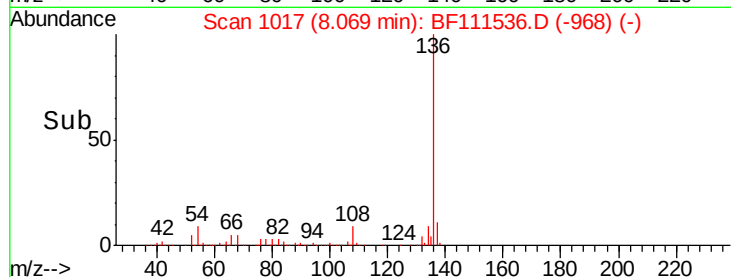
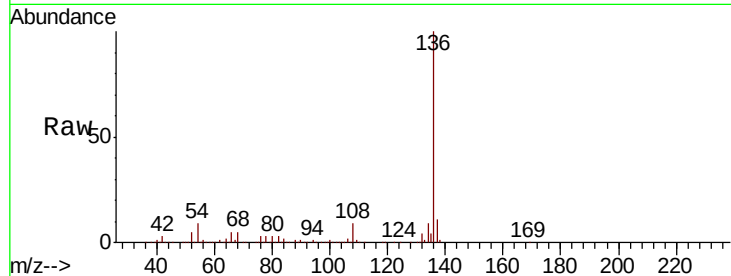
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF111536.D
Acq: 17 Dec 2018 13:44

Instrument :
BNA_F
ClientSampleId :
P001-SS006-0612-01

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	9.1	13.7	
54	9.1	7.7	11.5	
68	4.5	4.9	7.3#	

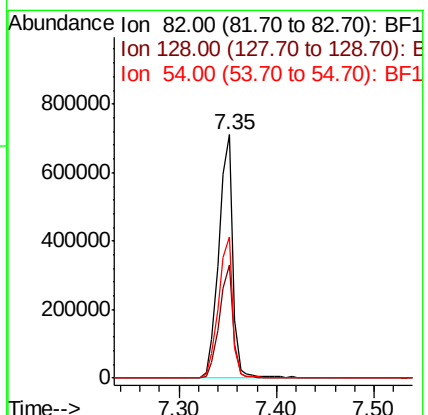
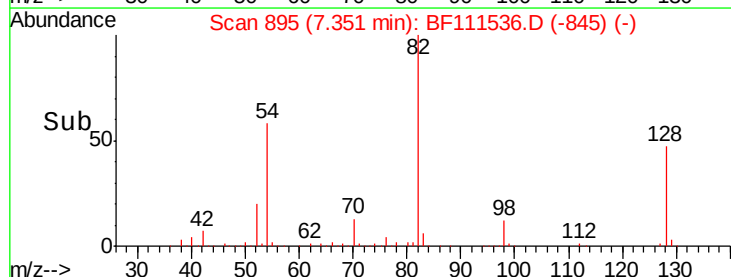
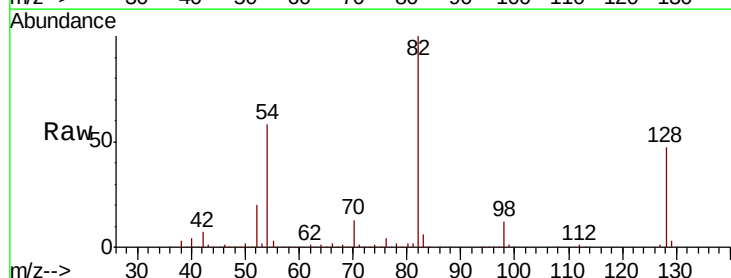
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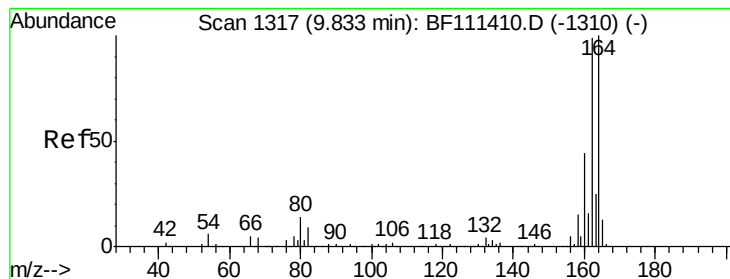
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#23
Nitrobenzene-d5
Concen: 80.129 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111536.D
Acq: 17 Dec 2018 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.5	37.4	56.2	
54	58.3	47.6	71.4	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF111536.D

Acq: 17 Dec 2018 13:44

Instrument :

BNA_F

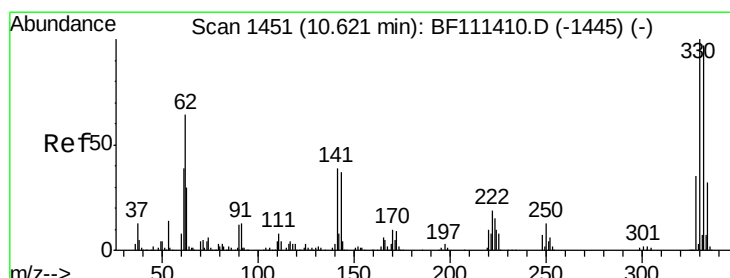
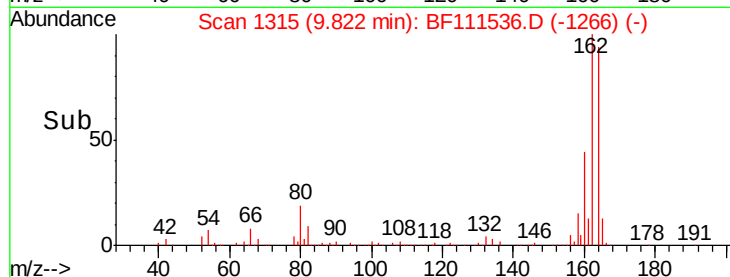
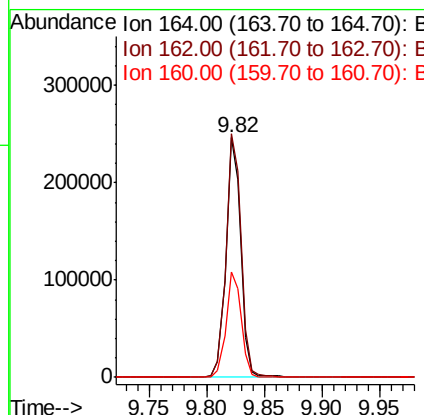
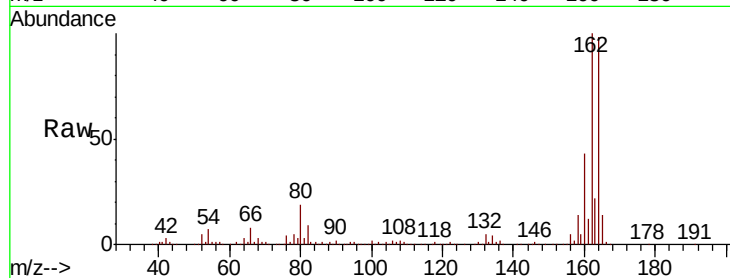
ClientSampleId :

P001-SS006-0612-01

Tot Ion:	164	Resp:	220797
Ion Ratio	Lower	Upper	
164	100		
162	101.7	81.4	122.0
160	44.0	35.7	53.5

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#42

2,4,6-Tribromophenol

Concen: 92.943 ng

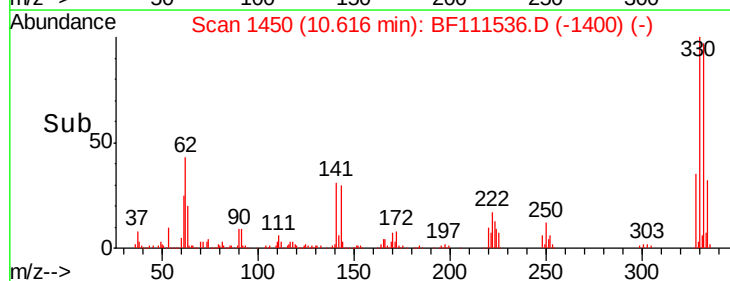
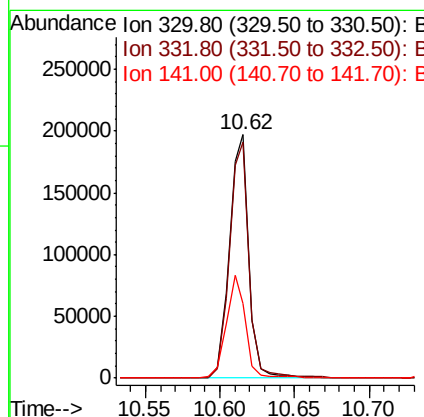
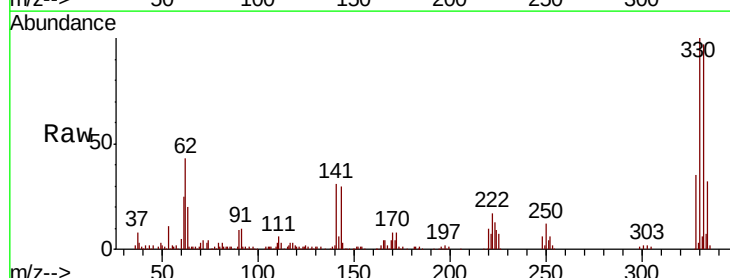
RT: 10.62 min Scan# 1450

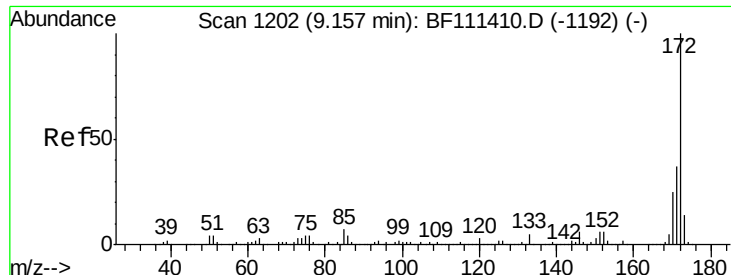
Delta R.T. -0.01 min

Lab File: BF111536.D

Acq: 17 Dec 2018 13:44

Tgt Ion:	330	Resp:	183830
Ion Ratio	Lower	Upper	
330	100		
332	97.2	76.0	114.0
141	41.7	31.0	46.6





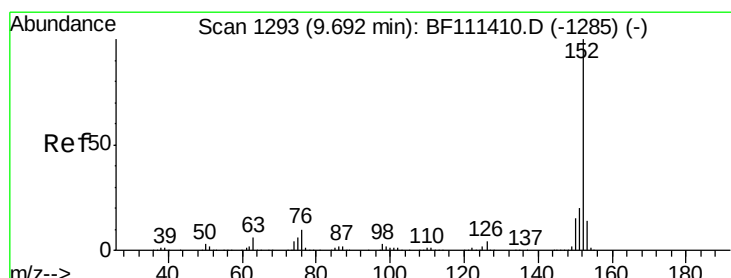
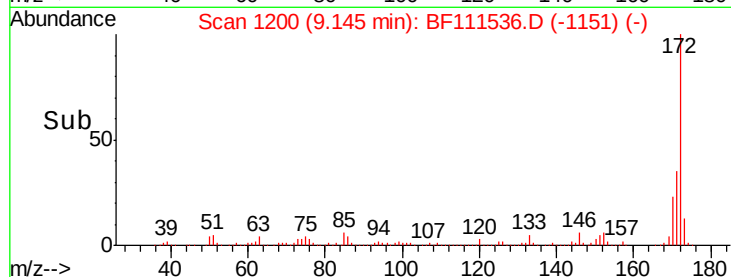
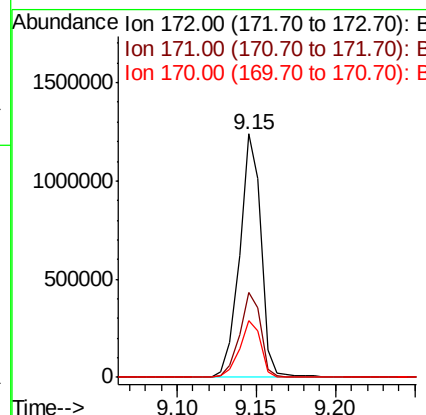
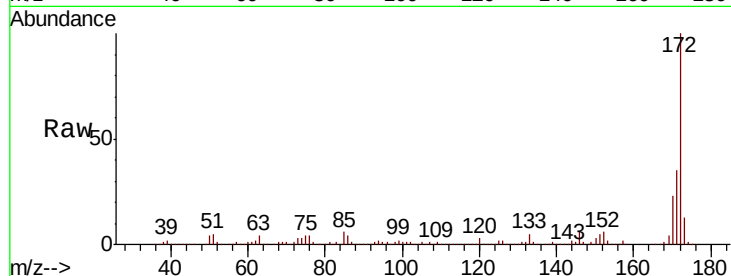
#45
2-Fluorobiphenyl
Concen: 81.202 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF111536.D
Acq: 17 Dec 2018 13:44

Instrument :
BNA_F
ClientSampleId :
P001-SS006-0612-01

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	33.0	49.4
170	23.2	22.3	33.5

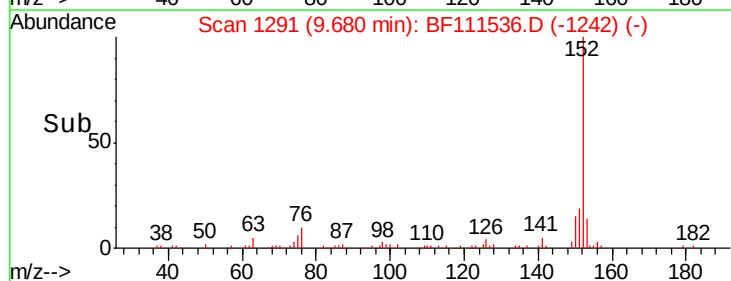
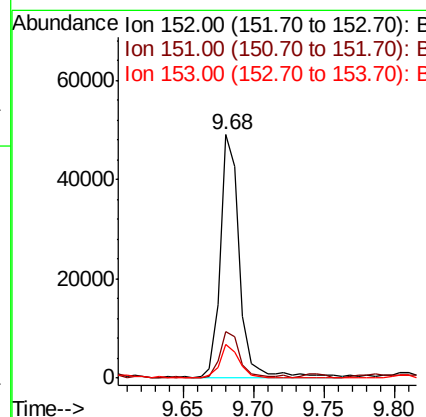
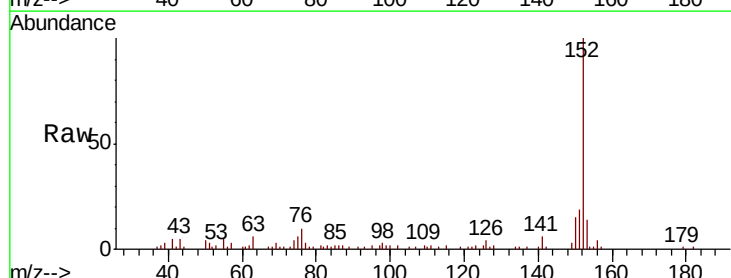
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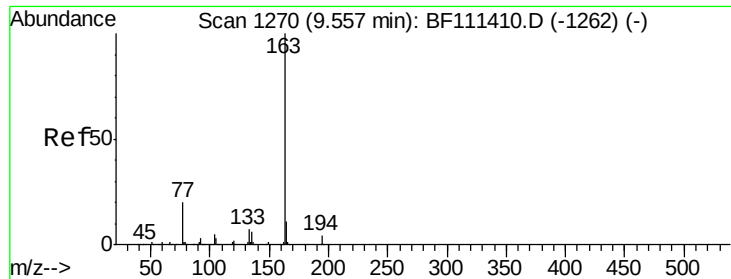
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#49
Acenaphthylene
Concen: 2.221 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF111536.D
Acq: 17 Dec 2018 13:44

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.2	18.0	27.0
153	14.0	12.3	18.5





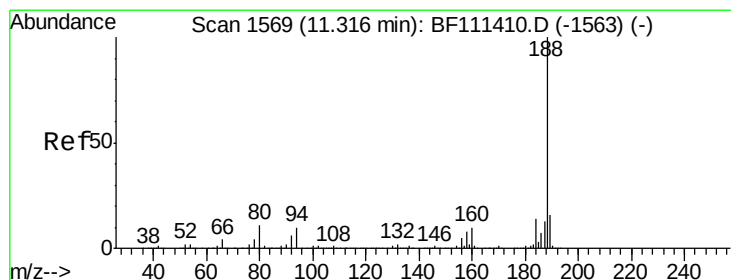
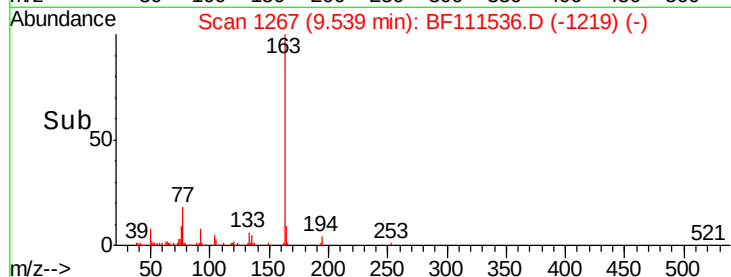
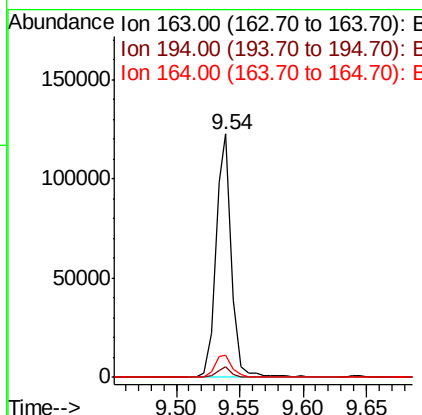
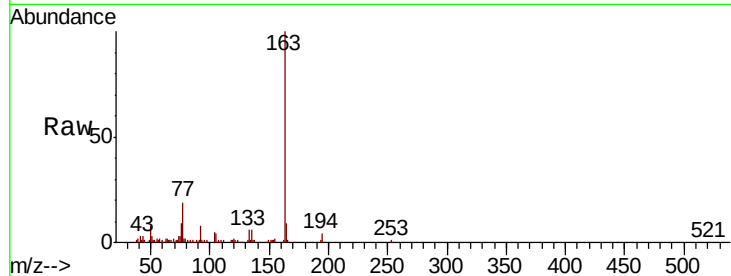
#50
Dimethylphthalate
Concen: 6.651 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111536.D
Acq: 17 Dec 2018 13:44

Instrument :
BNA_F
ClientSampleId :
P001-SS006-0612-01

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	9.0	8.9	13.3

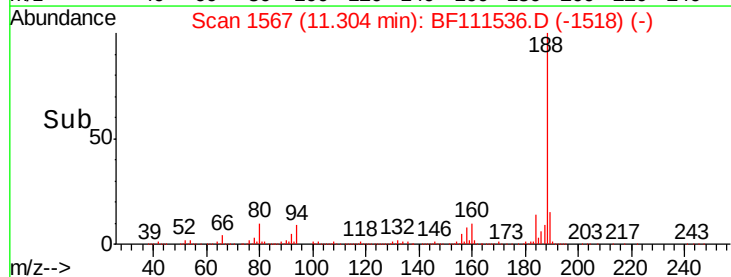
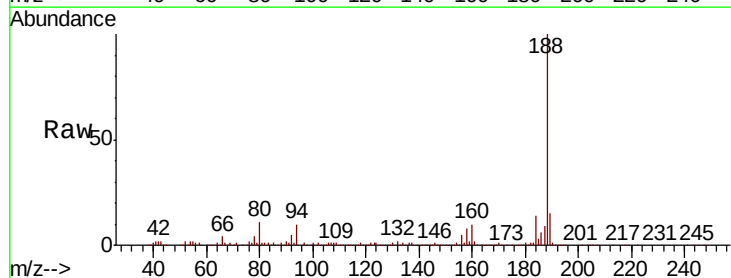
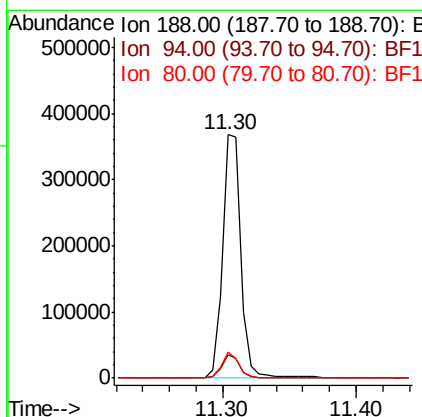
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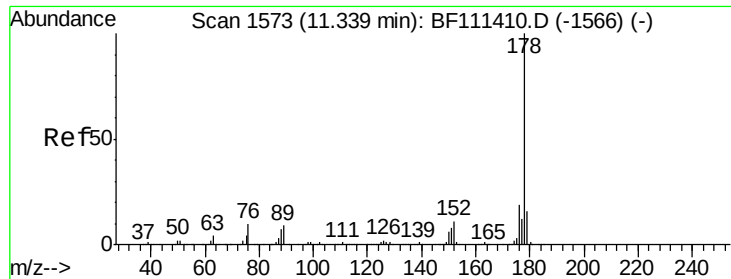
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF111536.D
Acq: 17 Dec 2018 13:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.6	14.4#
80	10.6	9.8	14.6





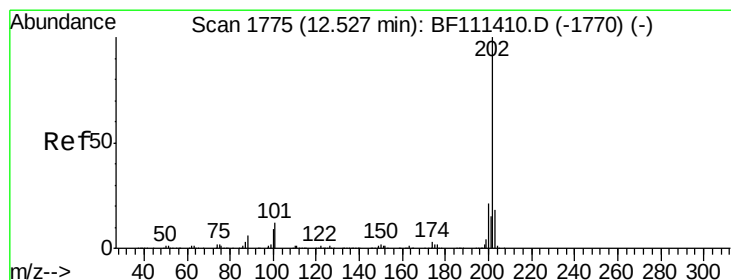
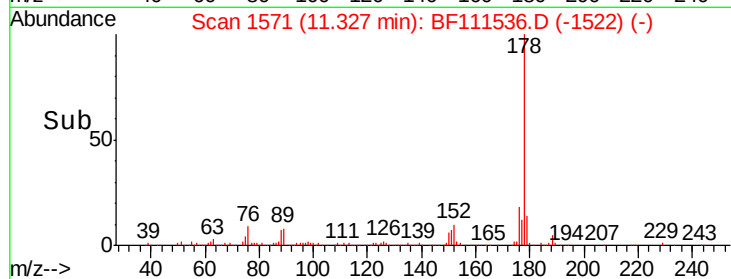
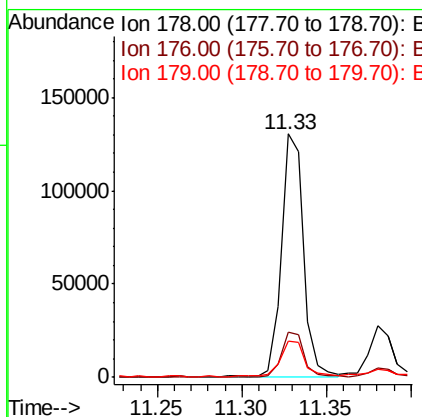
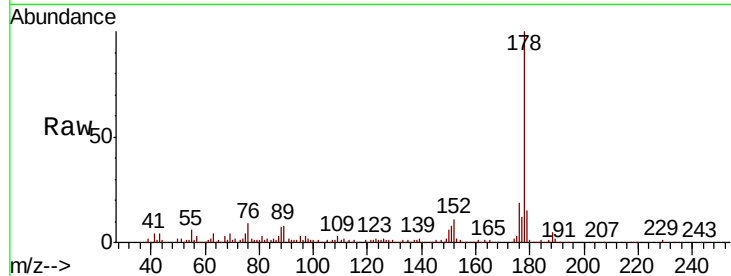
#71
Phenanthrene
Concen: 6.449 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF111536.D
Acq: 17 Dec 2018 13:44

Instrument :
BNA_F
ClientSampleId :
P001-SS006-0612-01

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	18.1	27.1
179	14.8	14.0	21.0

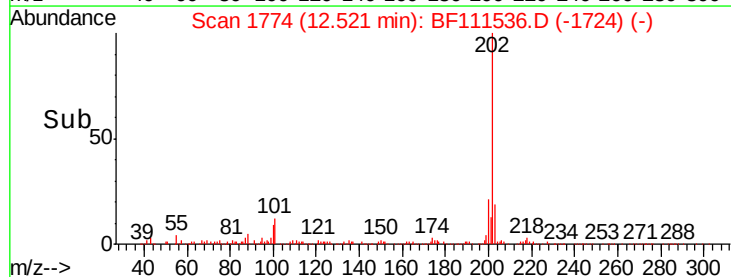
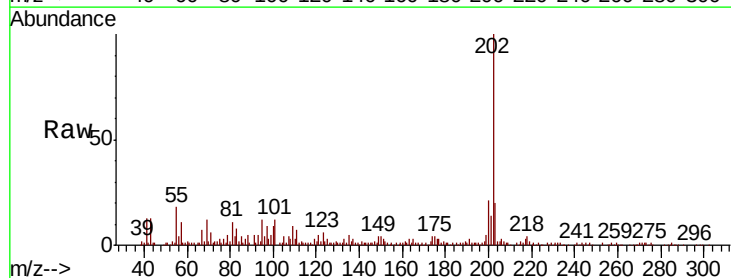
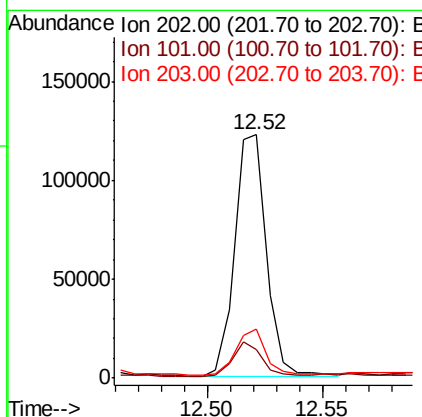
Manual Integrations
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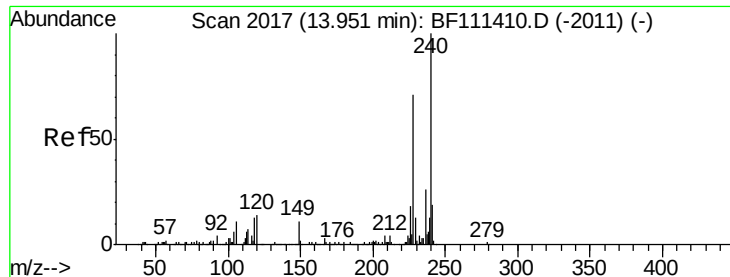
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#75
Fluoranthene
Concen: 6.478 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BF111536.D
Acq: 17 Dec 2018 13:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	33.8
203	20.2	0.0	38.6





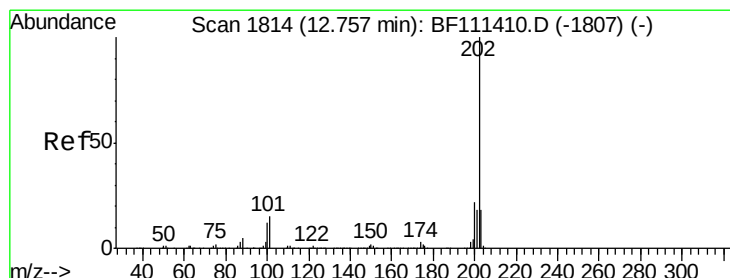
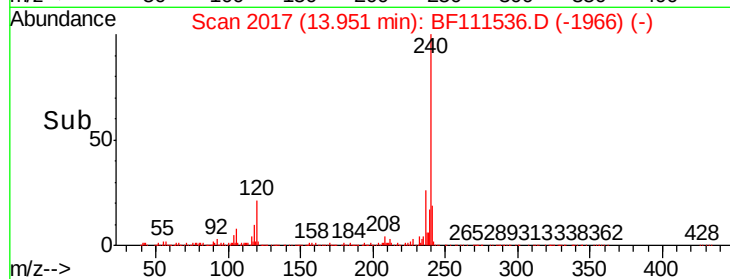
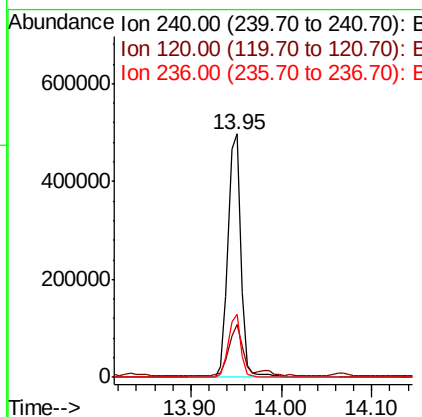
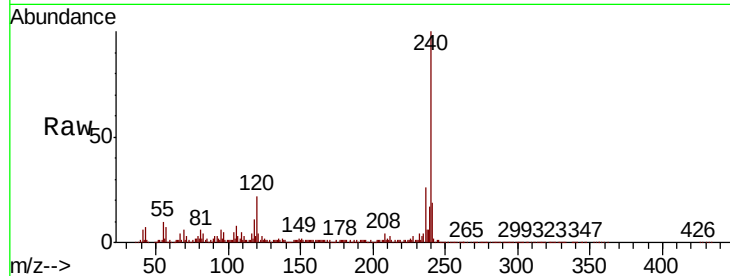
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF111536.D
Acq: 17 Dec 2018 13:44

Instrument :
BNA_F
ClientSampleId :
P001-SS006-0612-01

Tot Ion	Ratio	Resp	Lower	Upper
240	100	490258		
120	22.0		12.2	18.2#
236	25.9		20.2	30.2

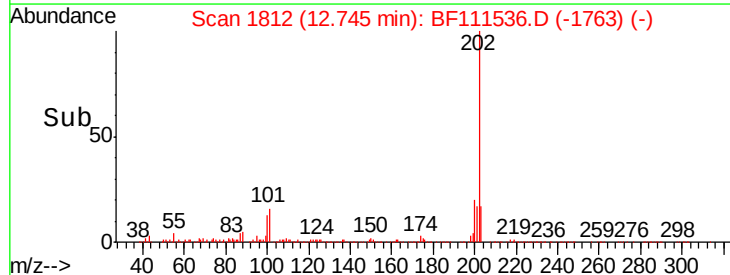
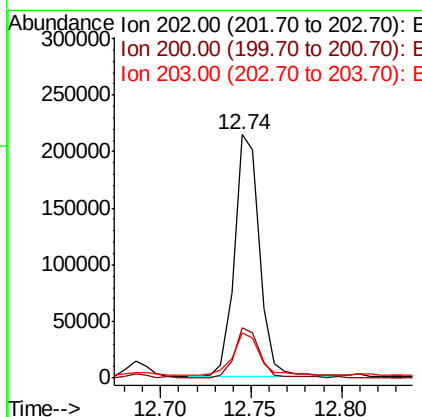
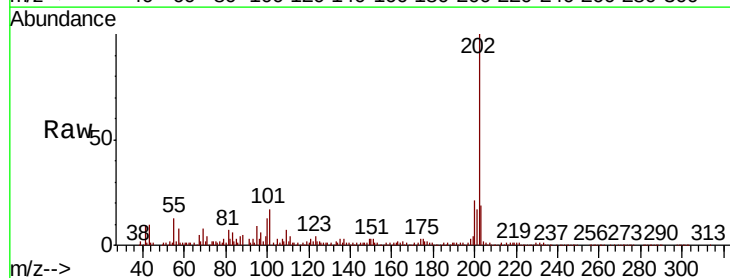
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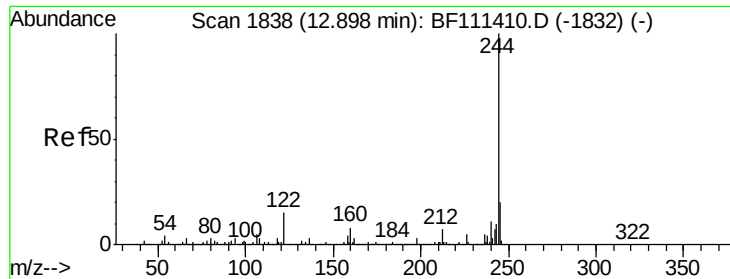
Sohil
12/18/2018 12:47:47 PM



#78
Pyrene
Concen: 5.949 ng
RT: 12.74 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF111536.D
Acq: 17 Dec 2018 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	205623		
200	20.6		19.0	28.4
203	18.8		15.2	22.8





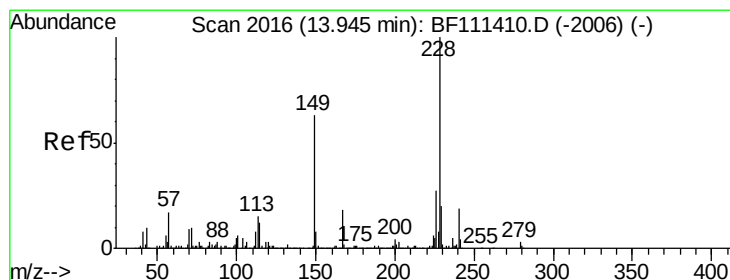
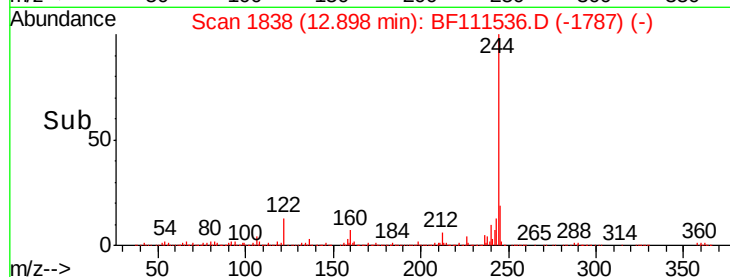
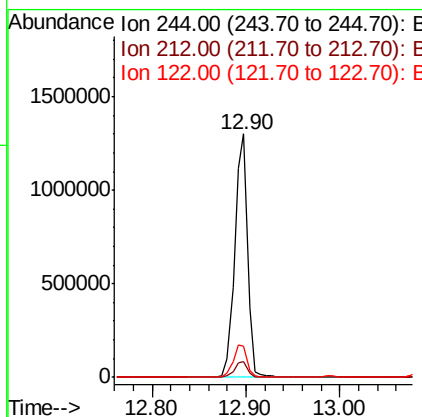
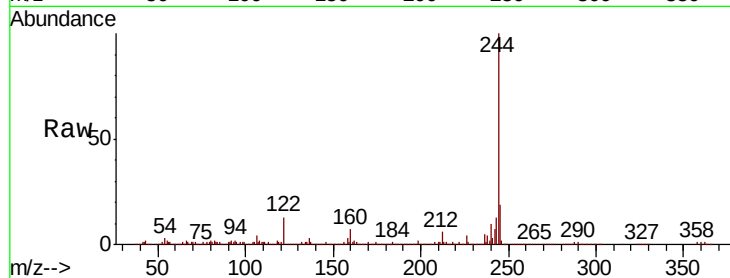
#79
 Terphenyl-d14
 Concen: 58.555 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BF111536.D
 Acq: 17 Dec 2018 13:44

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS006-0612-01

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.7	8.5
122	12.8	13.1	19.7

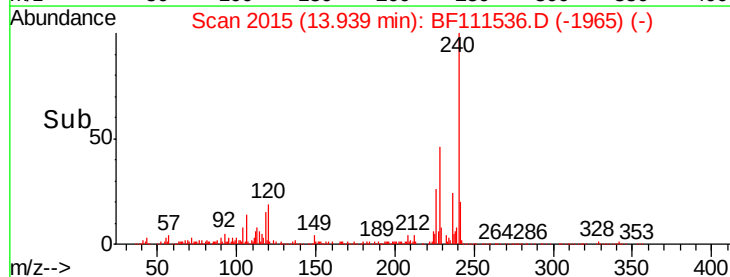
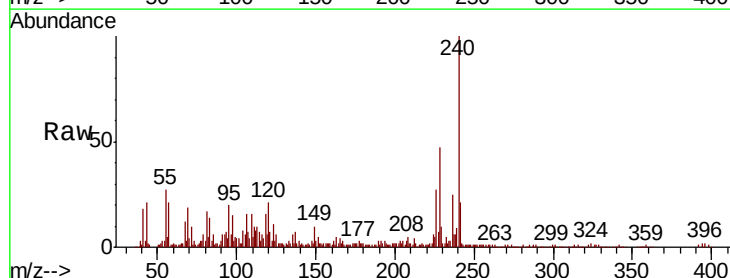
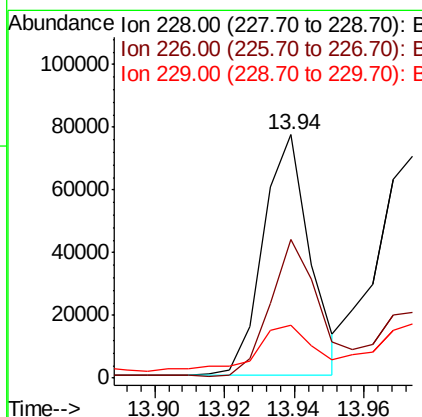
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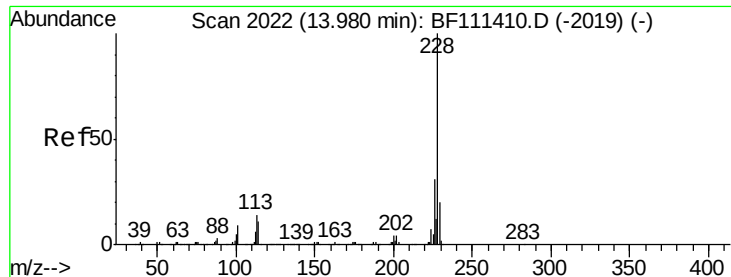
Sohil
 12/18/2018 12:47:47 PM



#81
 Benzo(a)anthracene
 Concen: 2.692 ng m
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF111536.D
 Acq: 17 Dec 2018 13:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	57.0	22.6	34.0
229	21.7	16.3	24.5





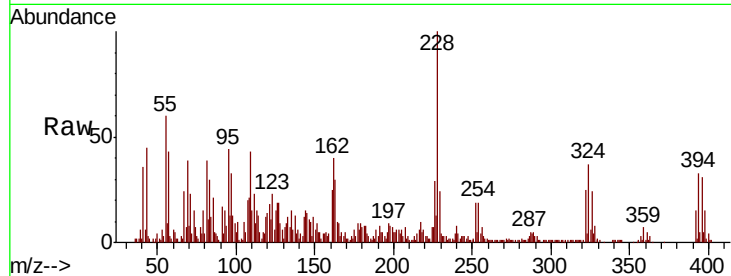
#83
Chrysene
Concen: 2.835 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF111536.D
Acq: 17 Dec 2018 13:44

Instrument :
BNA_F
ClientSampleId :
P001-SS006-0612-01

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	25.3	37.9
229	24.4	17.2	25.8

Manual Integrations
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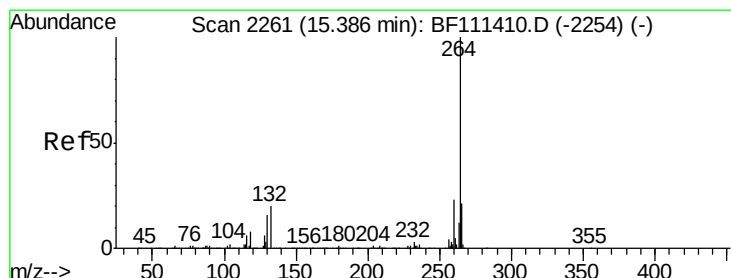
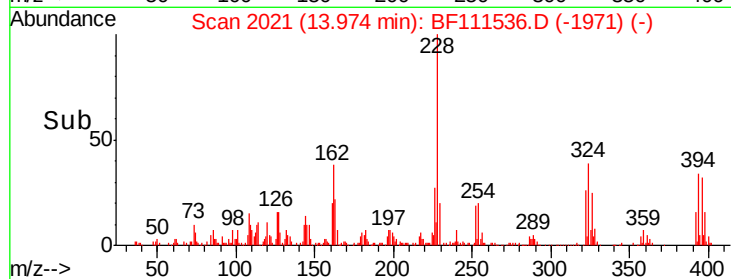
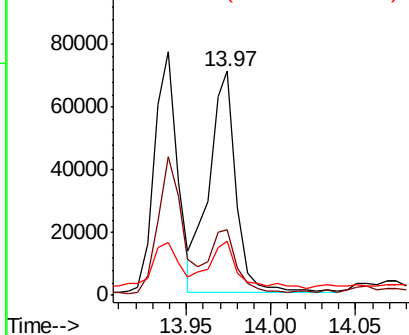


Abundance

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



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111536.D
Acq: 17 Dec 2018 13:44

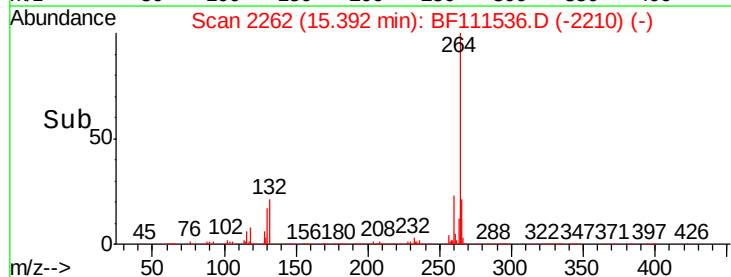
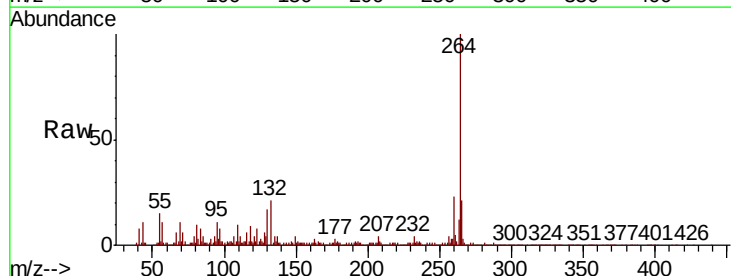
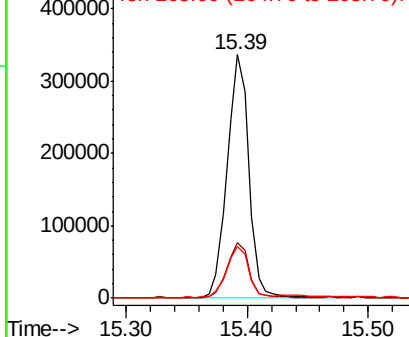
Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.3	27.5
265	21.0	17.7	26.5

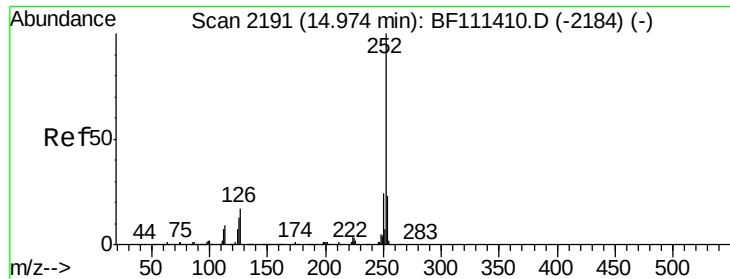
Abundance

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





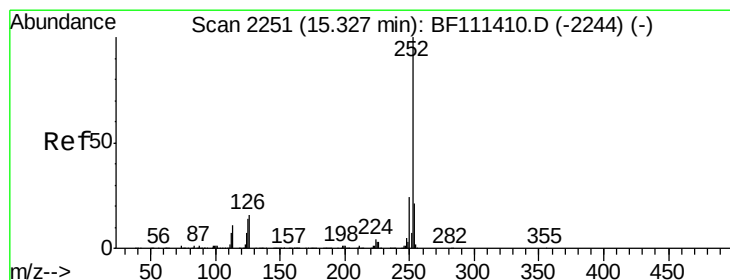
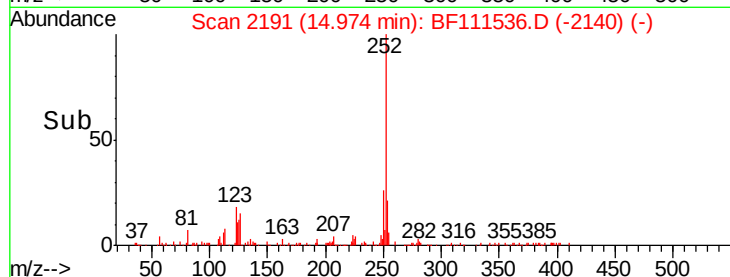
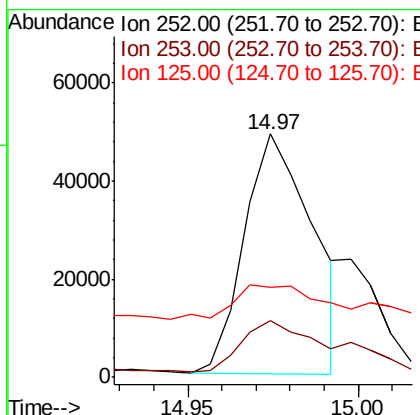
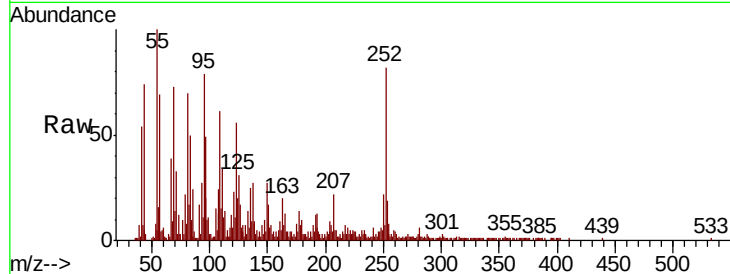
#88
Benzo(b)fluoranthene
Concen: 2.785 ng m
RT: 14.97 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BF111536.D
Acq: 17 Dec 2018 13:44

Instrument :
BNA_F
ClientSampleId :
P001-SS006-0612-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.2
125	37.2	10.4	15.6

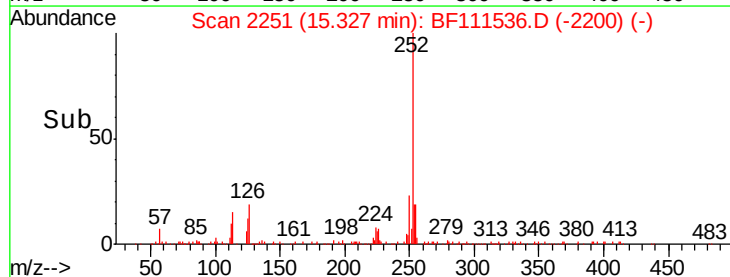
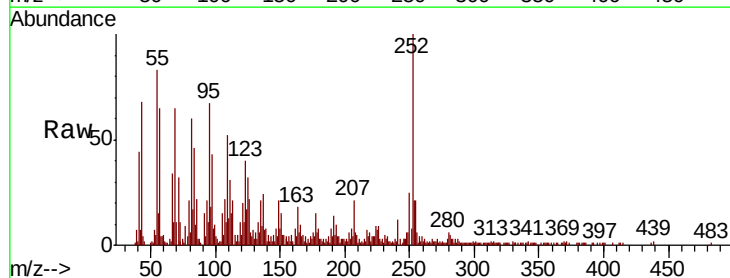
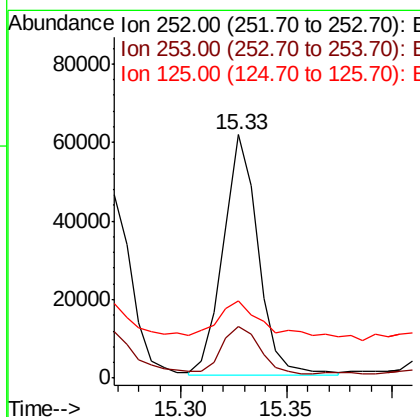
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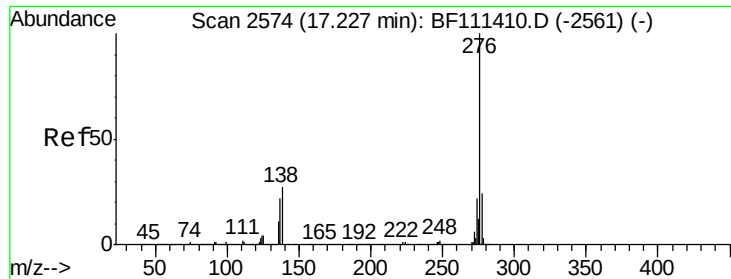
Sohil
12/18/2018 12:47:47 PM



#90
Benzo(a)pyrene
Concen: 3.185 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.00 min
Lab File: BF111536.D
Acq: 17 Dec 2018 13:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.8	26.8
125	31.5	12.3	18.5





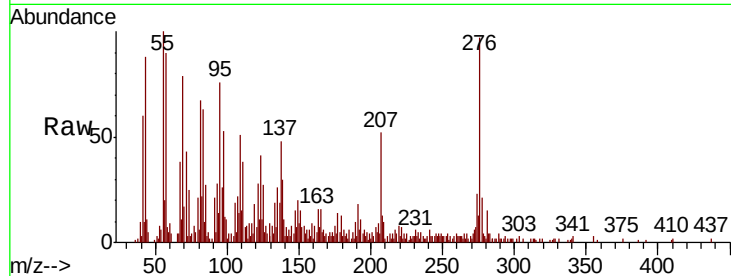
#92
 Benzo(a,h,i)perylene
 Concen: 2.397 ng
 RT: 17.23 min Scan# 2575
 Delta R.T. 0.01 min
 Lab File: BF111536.D
 Acq: 17 Dec 2018 13:44

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS006-0612-01

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.0	19.2	28.8
138	30.9	24.9	37.3

Manual Integrations
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Sohil
 12/18/2018 12:47:47 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

