

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
 Data File : BF111562.D
 Acq On : 18 Dec 2018 1:58
 Operator : JU/SJ
 Sample : J6403-45
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-B

Manual Integrations
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Sohil
 12/18/2018 12:49:53 PM

Quant Time: Dec 18 07:13:49 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	137451	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	499377	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	226291	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	337508	20.00	ng	0.00
76) Chrysene-d12	13.94	240	247714	20.00	ng	0.00
87) Perylene-d12	15.39	264	212123	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	922661	111.70	ng	0.01
7) Phenol-d6	6.44	99	1185923	107.94	ng	0.00
23) Nitrobenzene-d5	7.35	82	674927	80.48	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	198080	97.72	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1046791	71.45	ng	-0.01
79) Terphenyl-d14	12.89	244	684015	64.84	ng	0.00
Target Compounds						
10) Phenol	6.45	94	69850	5.707	ng	98
50) Dimethylphthalate	9.54	163	123414	7.573	ng	# 95
71) Phenanthrene	11.33	178	78072	4.489	ng	# 91
75) Fluoranthene	12.52	202	124008	7.289	ng	95
78) Pyrene	12.74	202	133245	7.629	ng	95
81) Benzo(a)anthracene	13.93	228	65735	4.880	ng	94
83) Chrysene	13.97	228	58843	4.147	ng	95
86) Indeno(1,2,3-cd)pyrene	16.79	276	25638	2.504	ng	94
88) Benzo(b)fluoranthene	14.97	252	71942m	5.817	ng	
89) Benzo(k)fluoranthene	14.99	252	24709m	2.091	ng	
90) Benzo(a)pyrene	15.32	252	53769	4.821	ng	97
92) Benzo(a,h,i)perylene	17.22	276	24948	2.889	ng	# 90

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

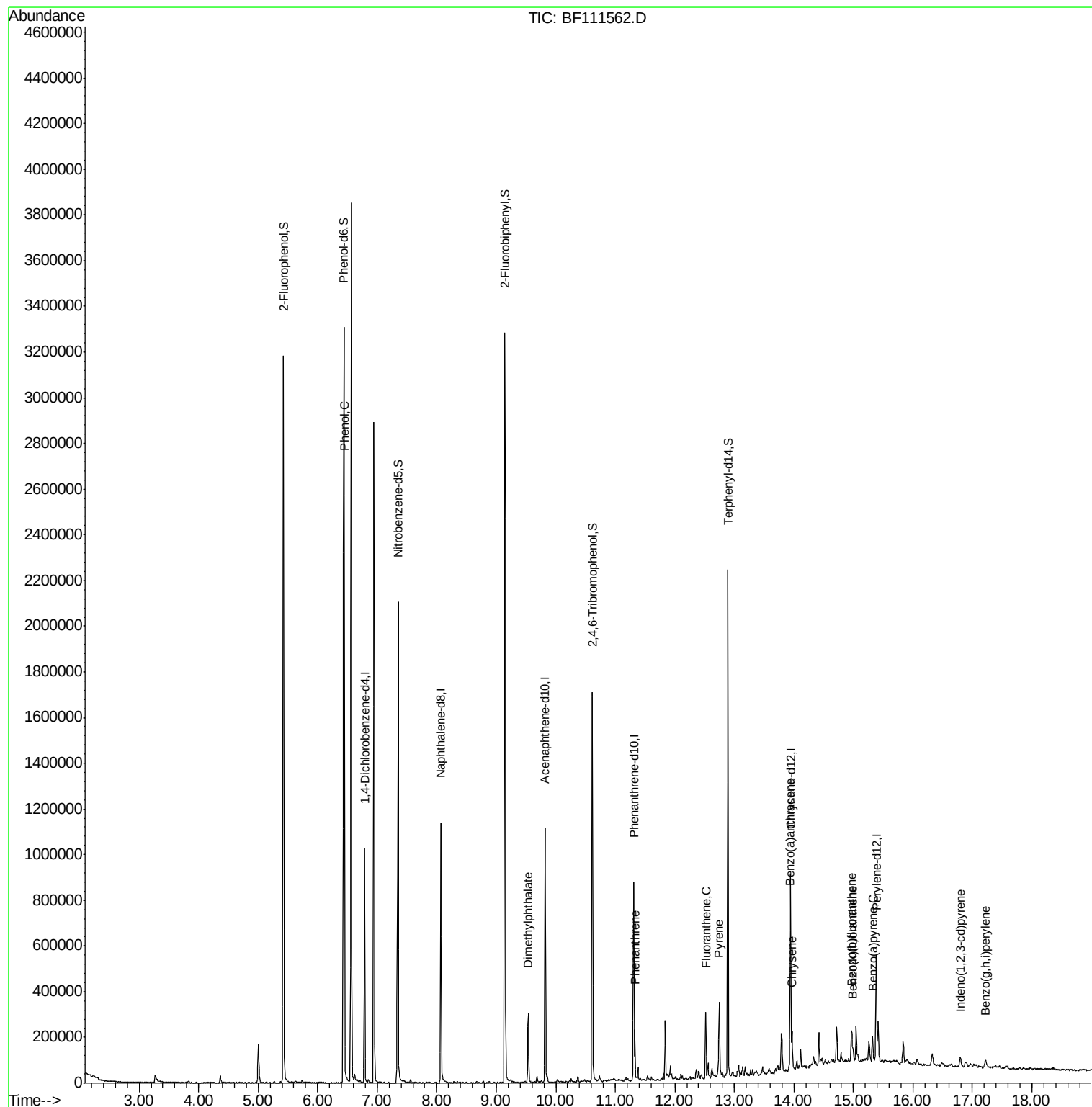
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111562.D
Acq On : 18 Dec 2018 1:58
Operator : JU/SJ
Sample : J6403-45
Misc :
ALS Vial : 23 Sample Multiplier: 1

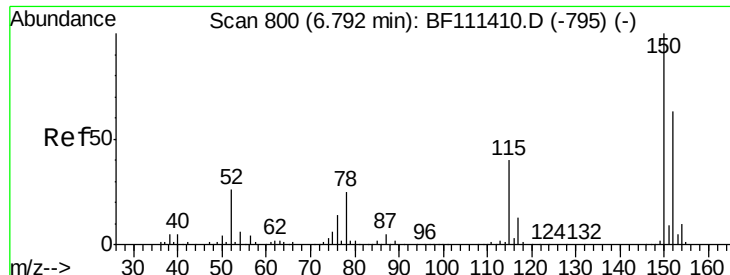
Instrument :
BNA_F
ClientSampleId :
TP-6-B

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12/18/2018 12:49:53 PM

Quant Time: Dec 18 07:13:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

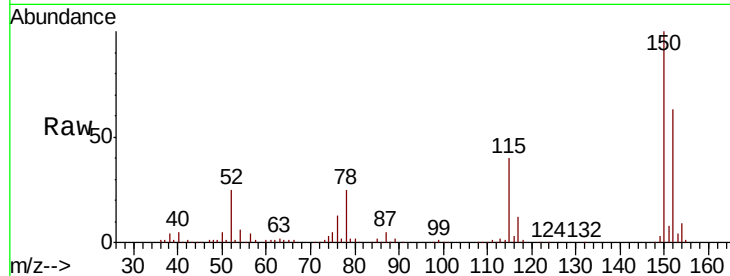
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF111562.D
Acq: 18 Dec 2018 1:58

Instrument :
BNA_F
ClientSampled :
TP-6-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	126.6	189.8
115	62.6	50.7	76.1

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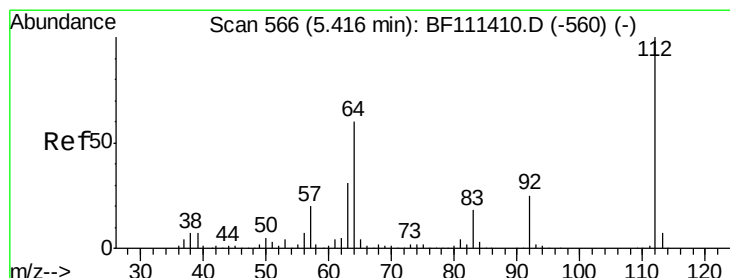
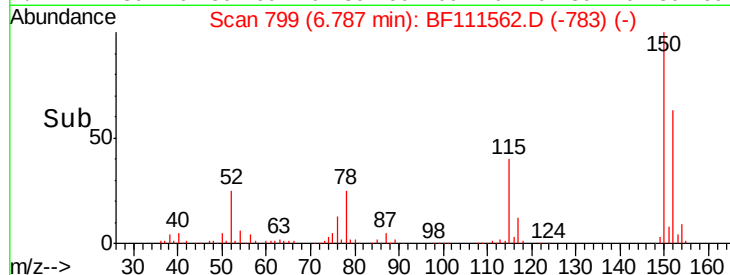
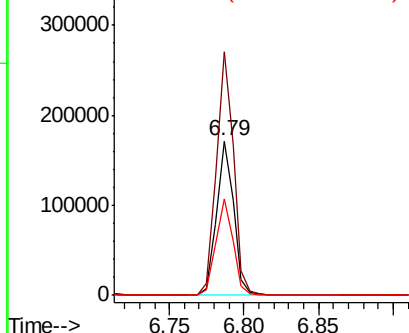


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

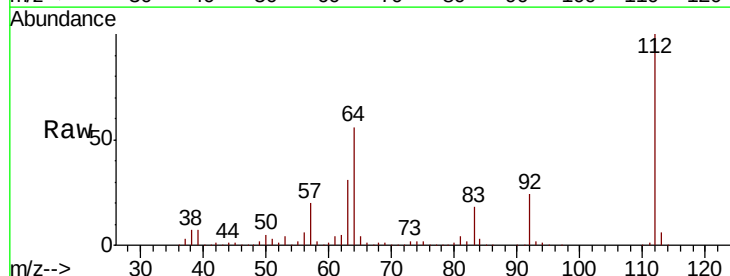
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 111.703 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF111562.D
Acq: 18 Dec 2018 1:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	51.8	77.6
63	30.9	26.8	40.2

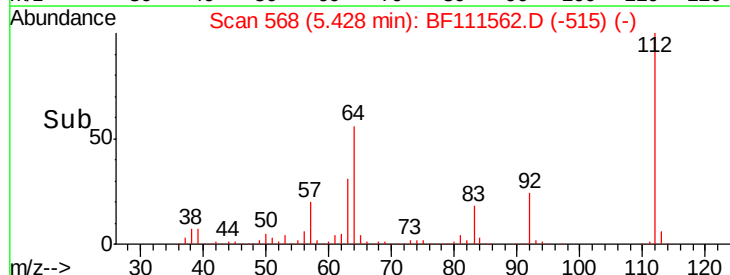
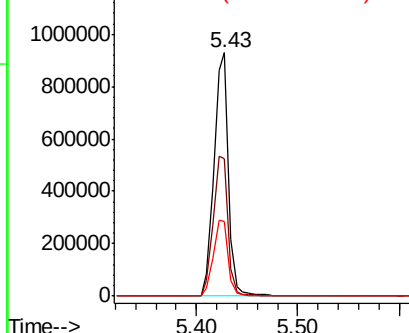


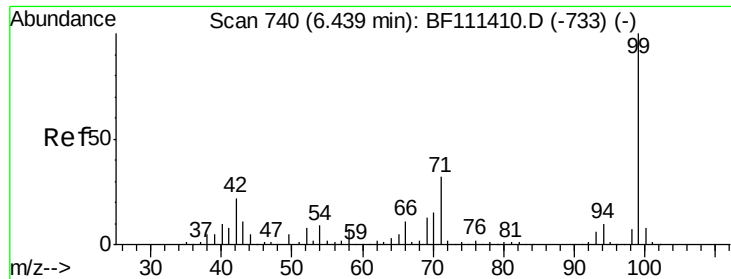
Abundance

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: 107.937 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111562.D

Acq: 18 Dec 2018 1:58

Instrument :

BNA_F

ClientSampled :

TP-6-B

Tot Ion: 99 Resp: 1185923

Ion Ratio Lower Upper

99 100

42 23.3 17.4 26.0

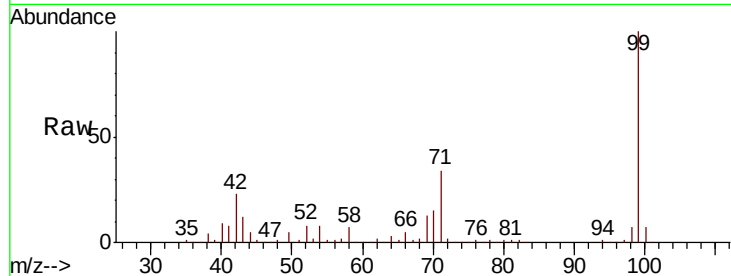
71 34.5 26.1 39.1

Manual Integrations

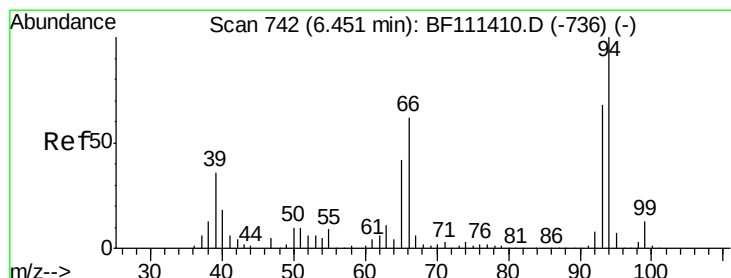
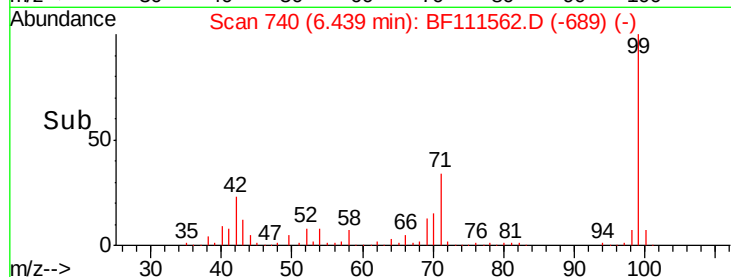
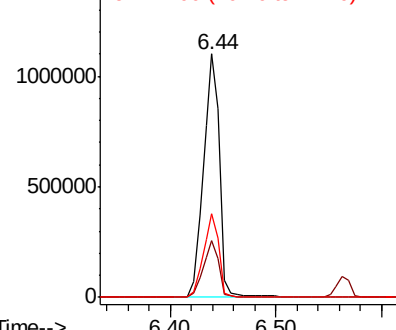
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Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 5.707 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF111562.D

Acq: 18 Dec 2018 1:58

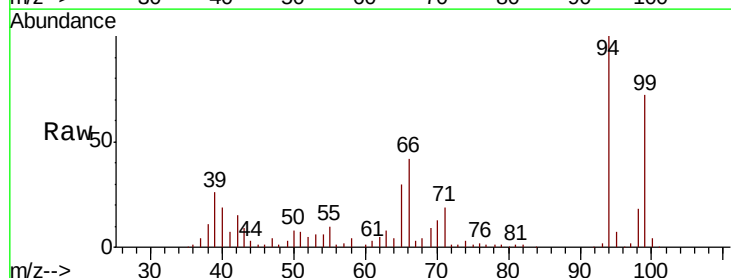
Tgt Ion: 94 Resp: 69850

Ion Ratio Lower Upper

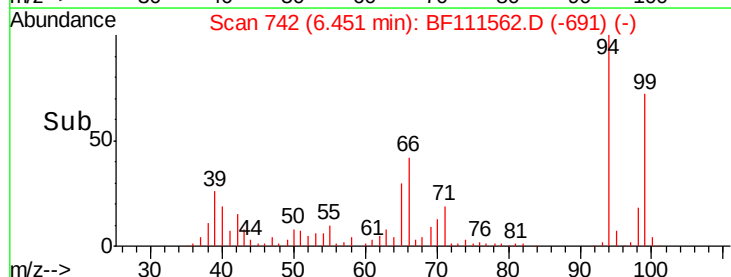
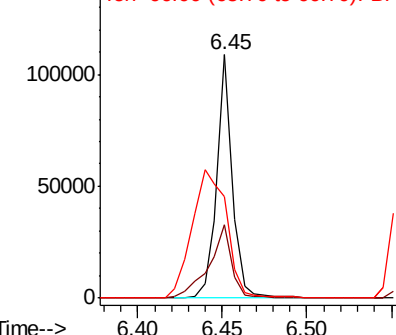
94 100

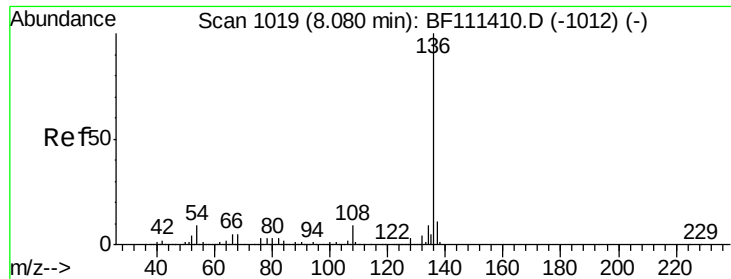
65 30.3 11.7 51.7

66 41.6 21.0 61.0



Abundance Ion 94.00 (93.70 to 94.70): BF1
150000
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





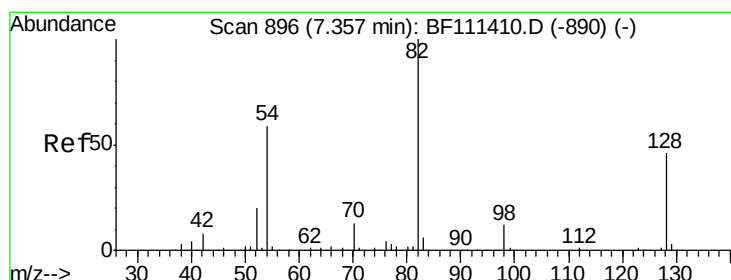
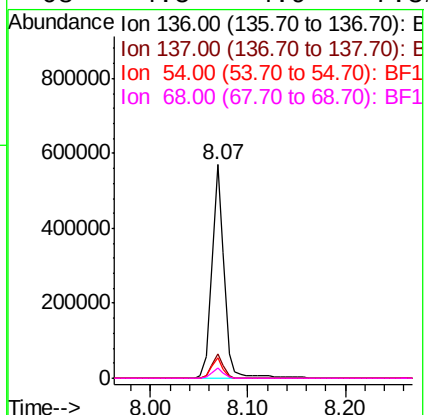
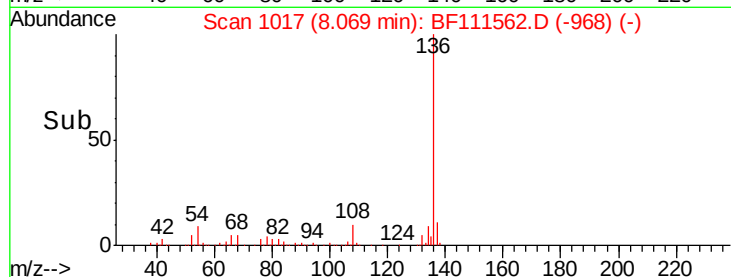
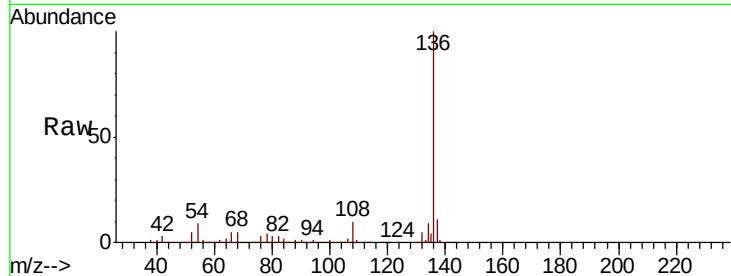
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF111562.D
Acq: 18 Dec 2018 1:58

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		499377		
137	11.2	9.1	13.7		
54	9.4	7.7	11.5		
68	4.5	4.9	7.3#		

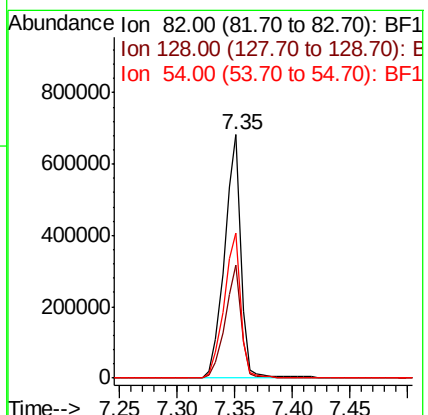
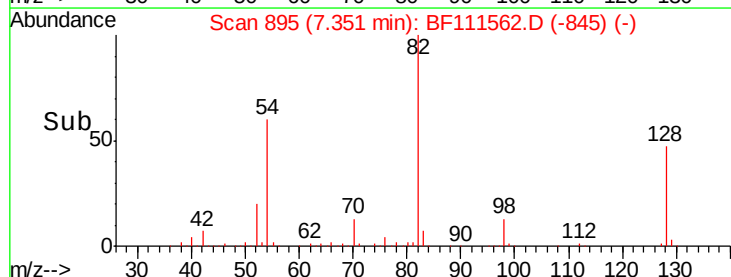
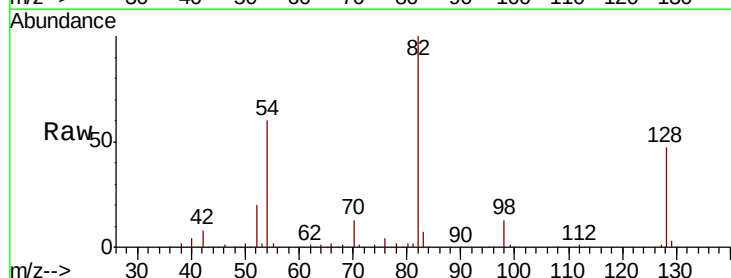
Manual Integrations
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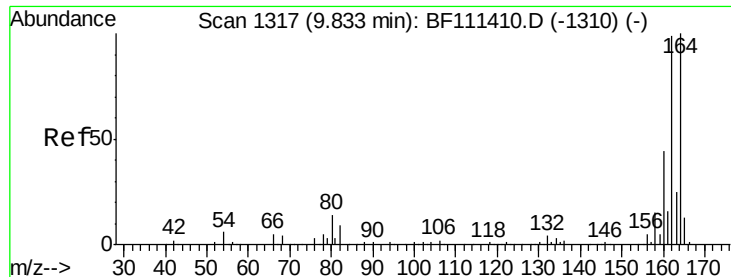
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#23
Nitrobenzene-d5
Concen: 80.482 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111562.D
Acq: 18 Dec 2018 1:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		674927		
128	46.6	37.4	56.2		
54	59.8	47.6	71.4		





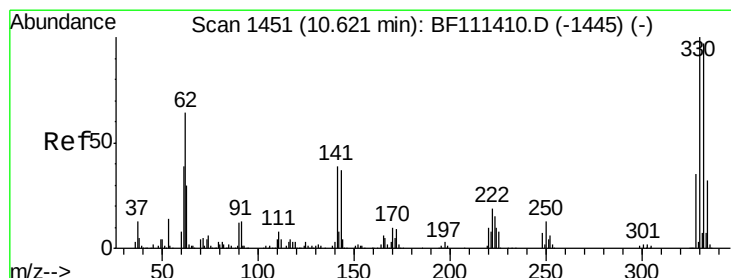
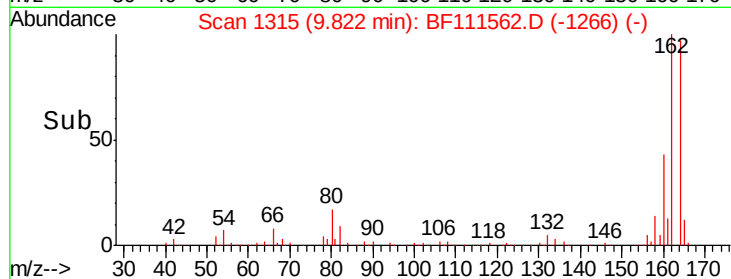
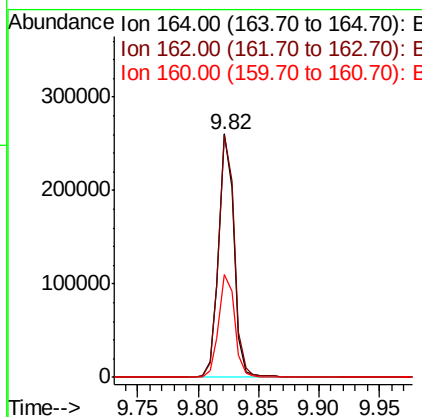
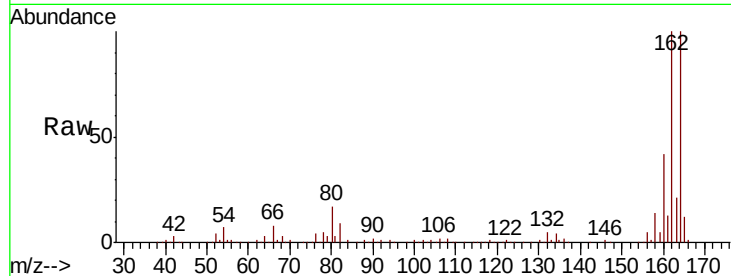
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF111562.D
Acq: 18 Dec 2018 1:58

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tot Ion	Ratio	Resp	Lower	Upper
164	100	226291		
162	99.6	81.4	122.0	
160	42.3	35.7	53.5	

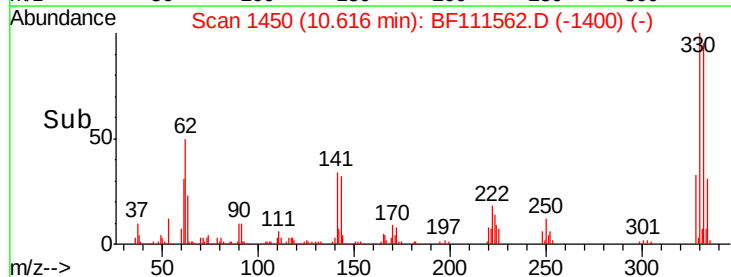
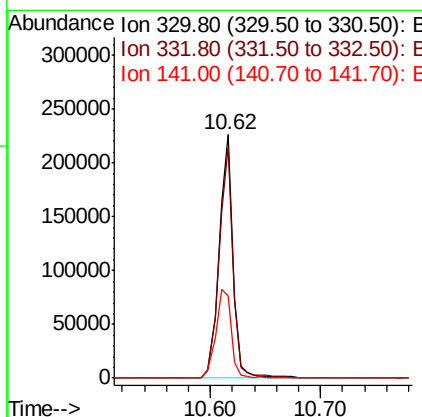
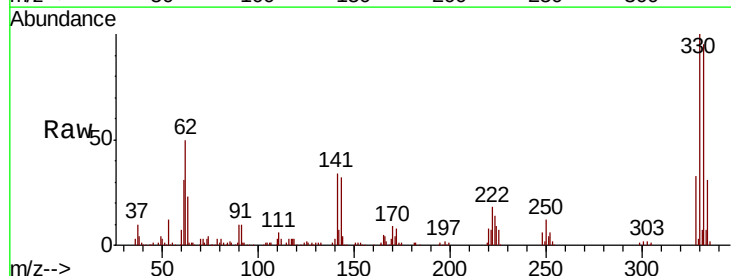
Manual Integrations
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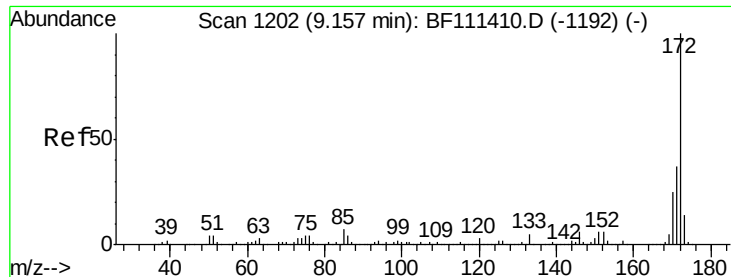
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#42
2,4,6-Tribromophenol
Concen: 97.717 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111562.D
Acq: 18 Dec 2018 1:58

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	198080		
332	95.2	76.0	114.0	
141	40.8	31.0	46.6	





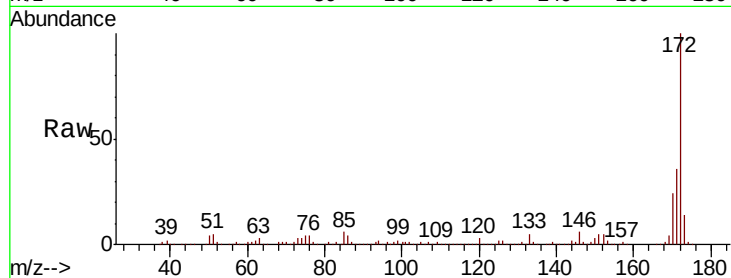
#45
2-Fluorobiphenyl
Concen: 71.453 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF111562.D
Acq: 18 Dec 2018 1:58

Instrument :
BNA_F
ClientSampled :
TP-6-B

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	33.0	49.4
170	23.9	22.3	33.5

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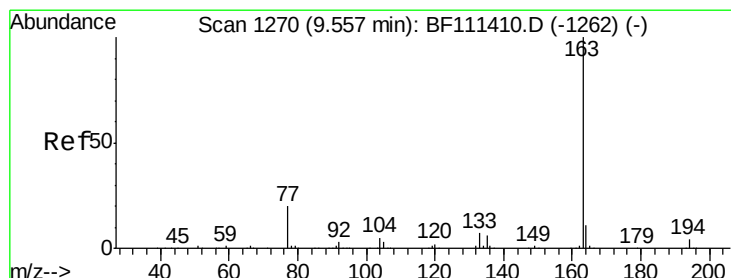
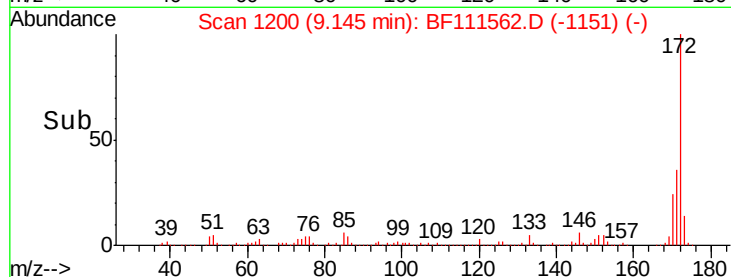
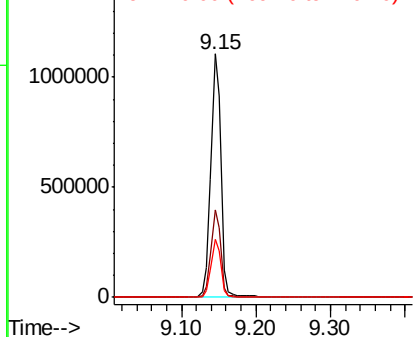


Abundance

Ion 172.00 (171.70 to 172.70): E

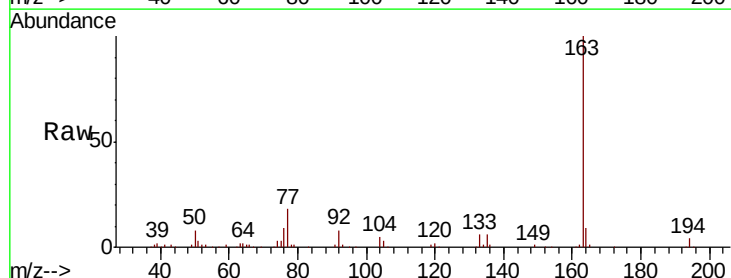
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 7.573 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111562.D
Acq: 18 Dec 2018 1:58

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.6
164	8.7	8.9	13.3#

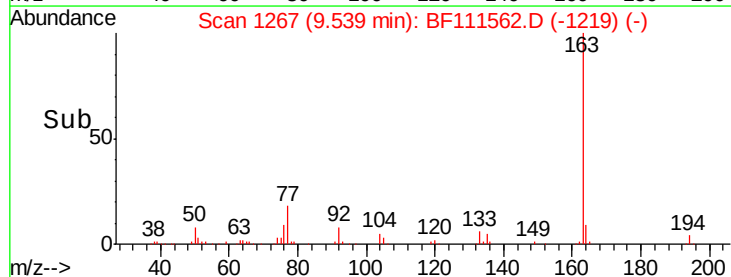
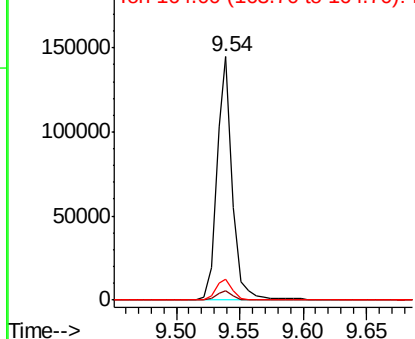


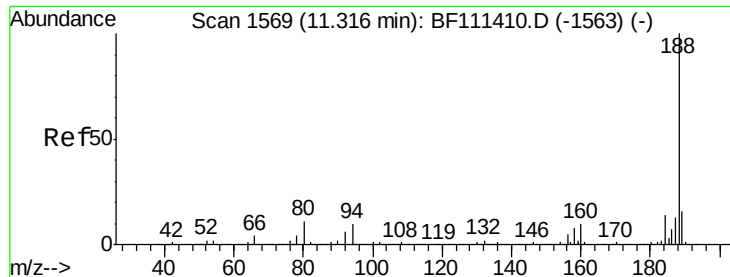
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF111562.D

Acq: 18 Dec 2018 1:58

Instrument :

BNA_F

ClientSampled :

TP-6-B

Tot Ion:188 Resp: 337508

Ion Ratio Lower Upper

188 100

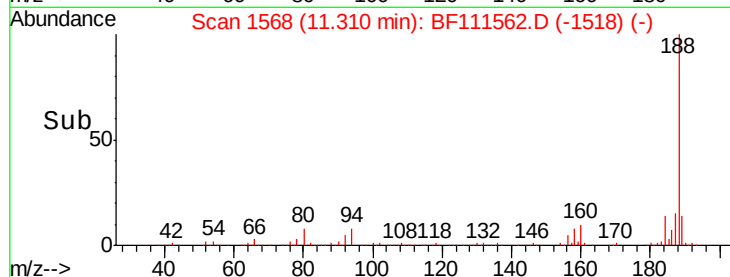
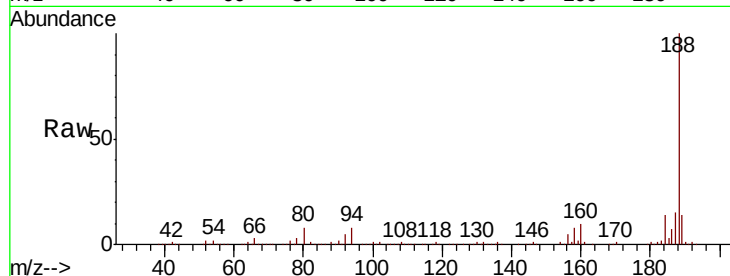
94 7.9 9.6 14.4#

80 8.1 9.8 14.6#

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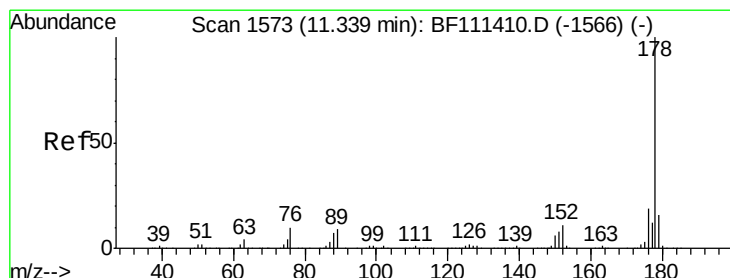
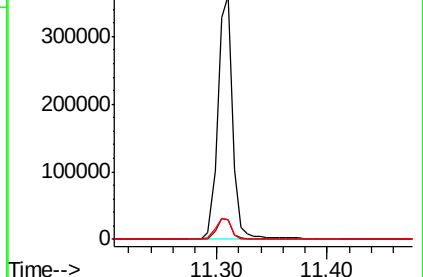
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#71

Phenanthrene

Concen: 4.489 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF111562.D

Acq: 18 Dec 2018 1:58

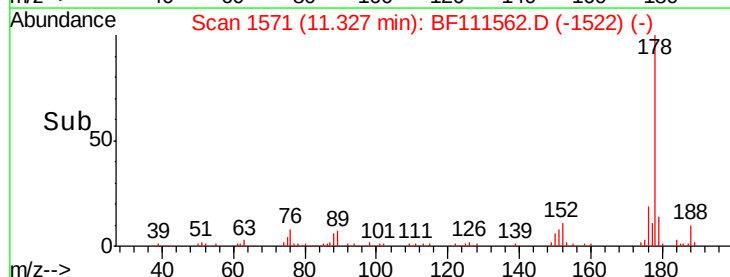
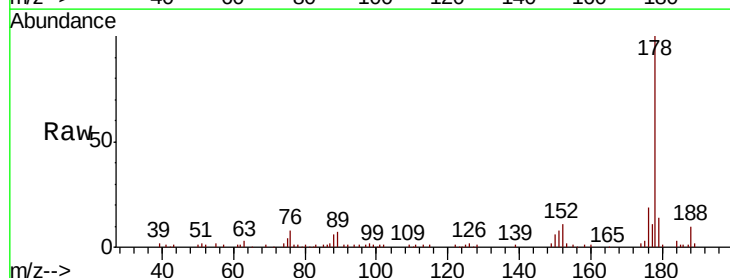
Tgt Ion:178 Resp: 78072

Ion Ratio Lower Upper

178 100

176 18.5 18.1 27.1

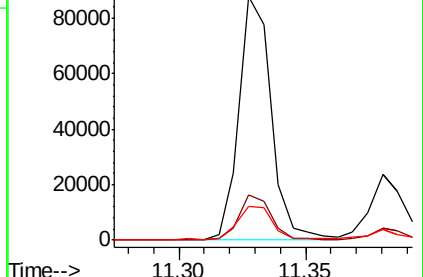
179 13.7 14.0 21.0#

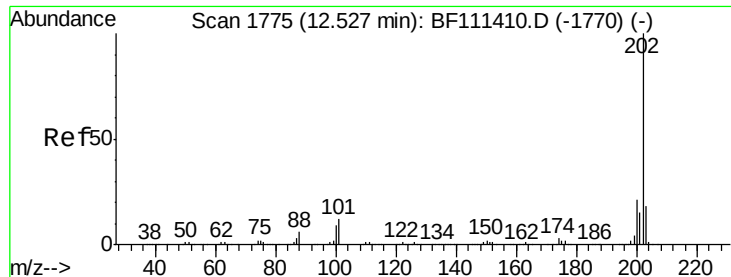


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 7.289 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF111562.D

Acq: 18 Dec 2018 1:58

Instrument :

BNA_F

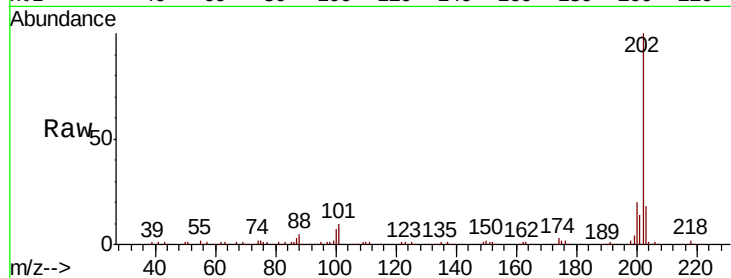
ClientSampleId :

TP-6-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		124008		
101	9.8	0.0	33.8		
203	17.8	0.0	38.6		

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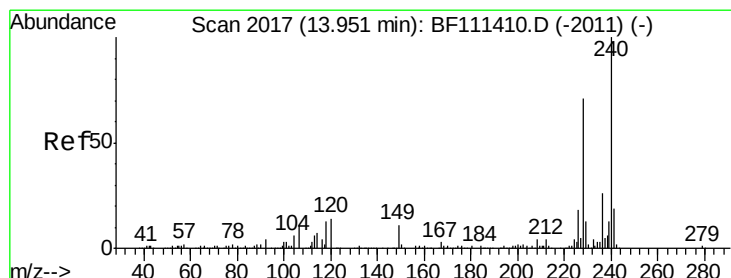
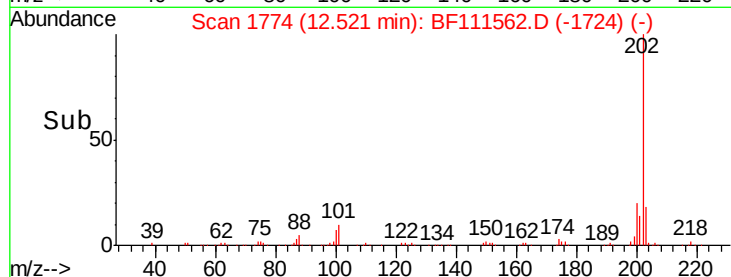
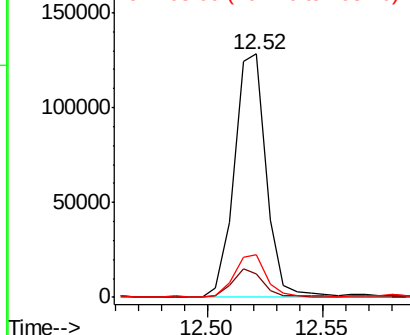


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

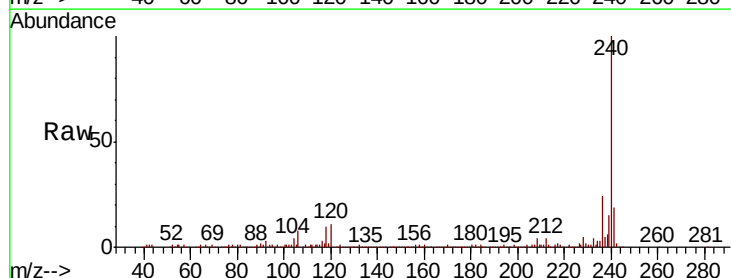
RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF111562.D

Acq: 18 Dec 2018 1:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		247714		
120	10.6	12.2	18.2#		
236	24.3	20.2	30.2		

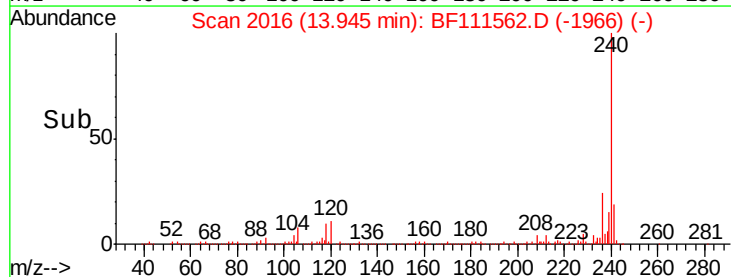
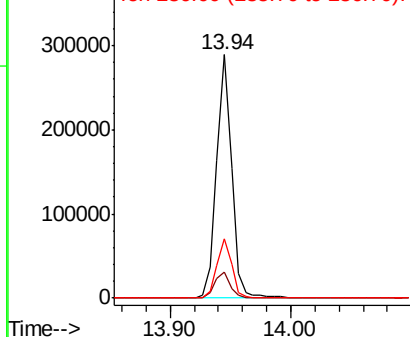


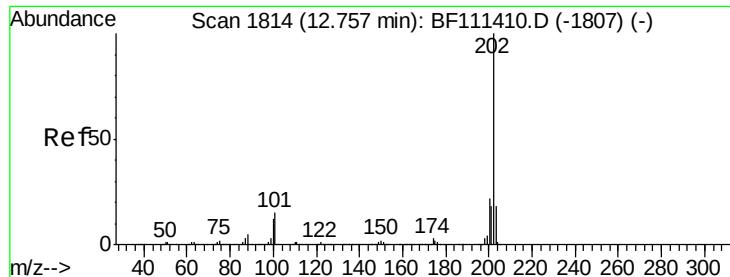
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 7.629 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF111562.D

Acq: 18 Dec 2018 1:58

Instrument :

BNA_F

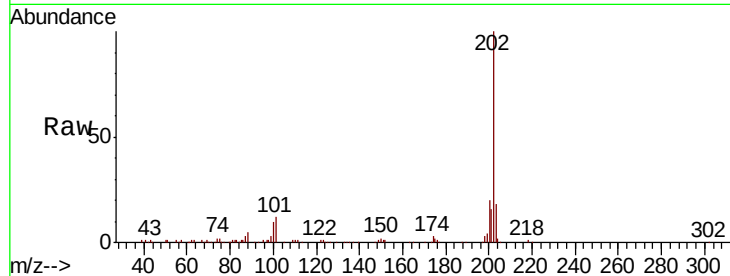
ClientSampled :

TP-6-B

Tot Ion:	202	Resp:	133245
Ion Ratio		Lower	Upper
202	100		
200	20.1	19.0	28.4
203	18.0	15.2	22.8

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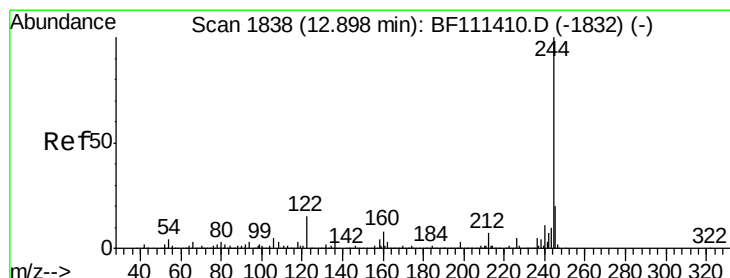
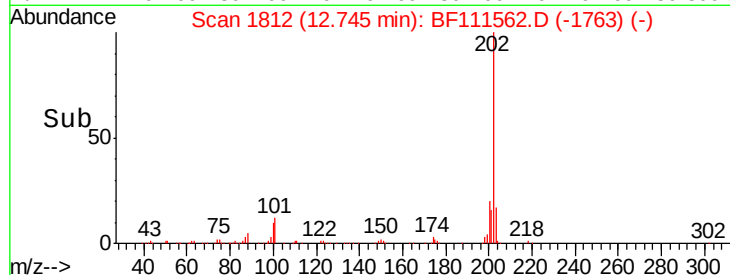
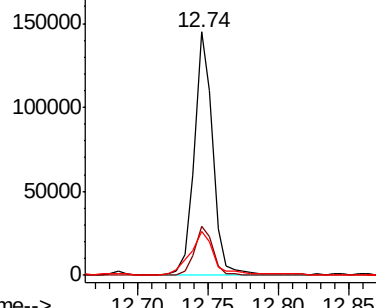


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 64.842 ng

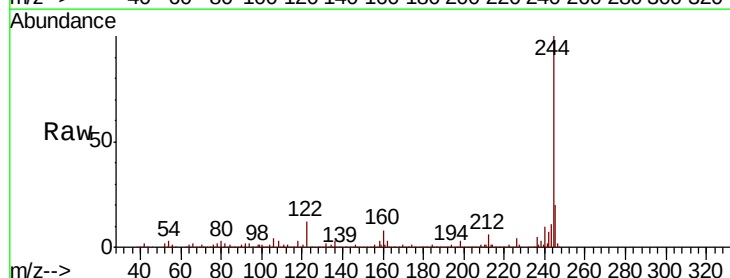
RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF111562.D

Acq: 18 Dec 2018 1:58

Tgt Ion:	244	Resp:	684015
Ion Ratio		Lower	Upper
244	100		
212	6.5	5.7	8.5
122	12.4	13.1	19.7#

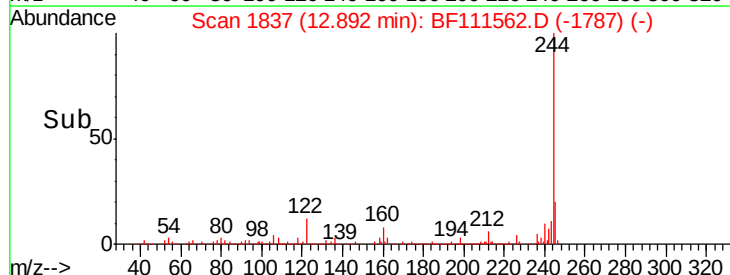
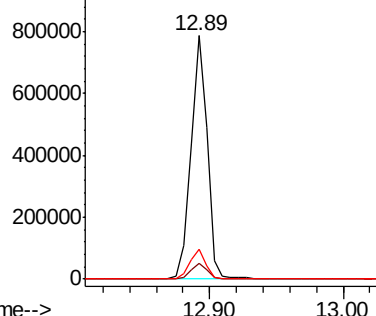


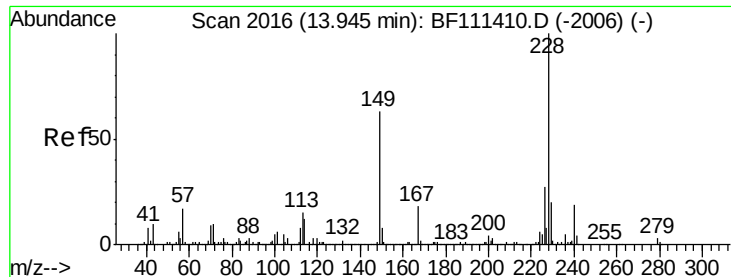
Abundance

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





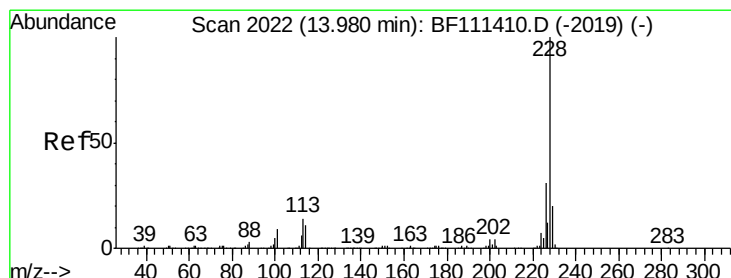
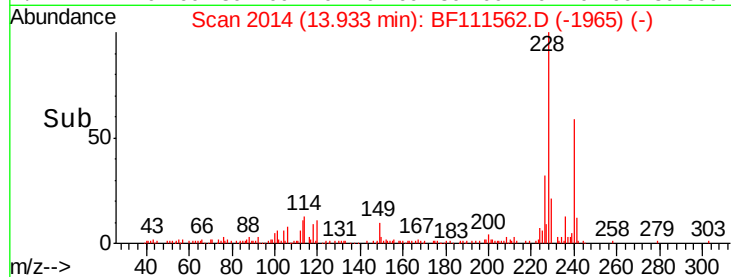
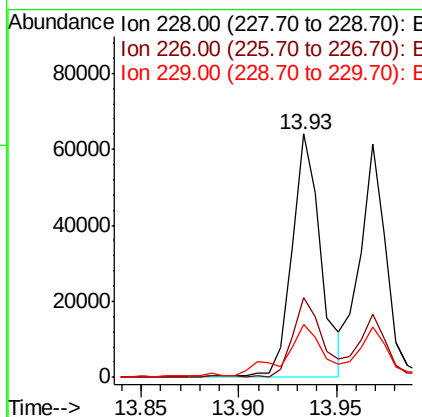
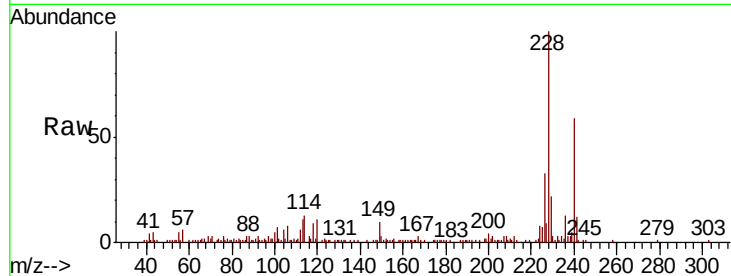
#81
Benzo(a)anthracene
Concen: 4.880 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF111562.D
Acq: 18 Dec 2018 1:58

Instrument :
BNA_F
ClientSampleId :
TP-6-B

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.8	22.6	34.0
229	21.7	16.3	24.5

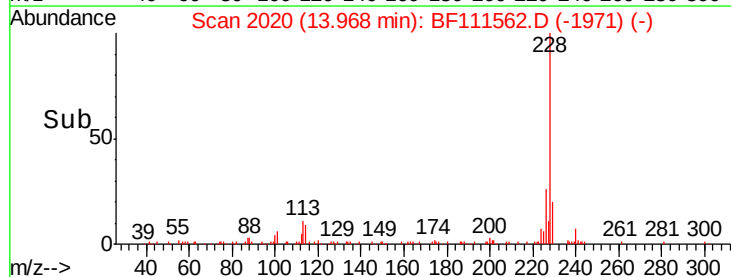
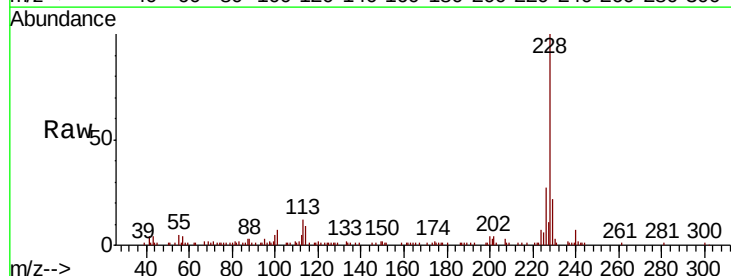
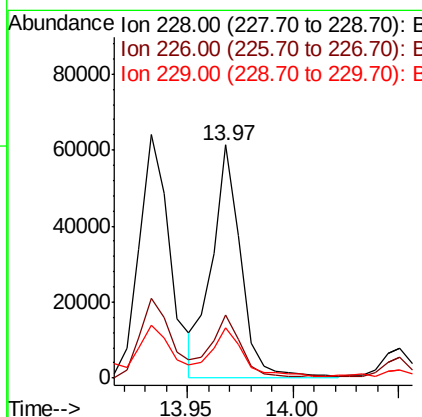
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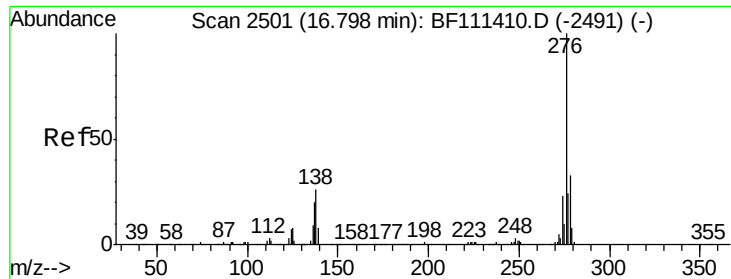
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#83
Chrysene
Concen: 4.147 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF111562.D
Acq: 18 Dec 2018 1:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.9	25.3	37.9
229	21.6	17.2	25.8





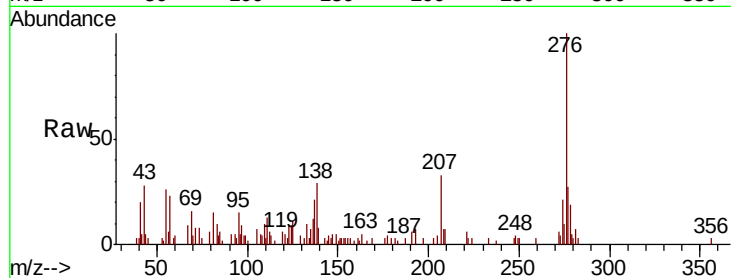
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.504 ng
RT: 16.79 min Scan# 2500
Delta R.T. -0.01 min
Lab File: BF111562.D
Acq: 18 Dec 2018 1:58

Instrument :
BNA_F
ClientSampled :
TP-6-B

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.7	27.8	41.6
277	26.9	20.1	30.1

Manual Integrations
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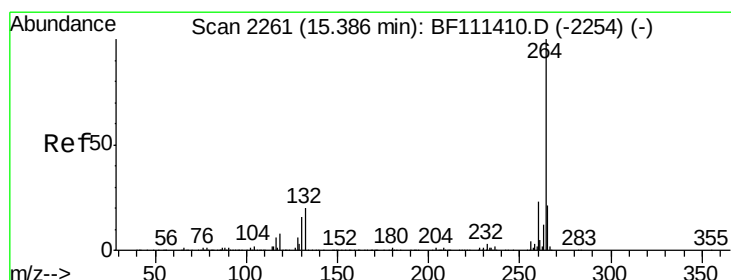
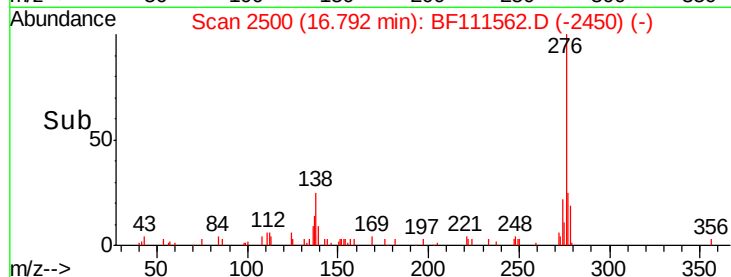
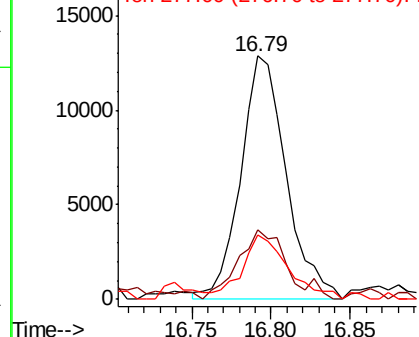


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BF111562.D
Acq: 18 Dec 2018 1:58

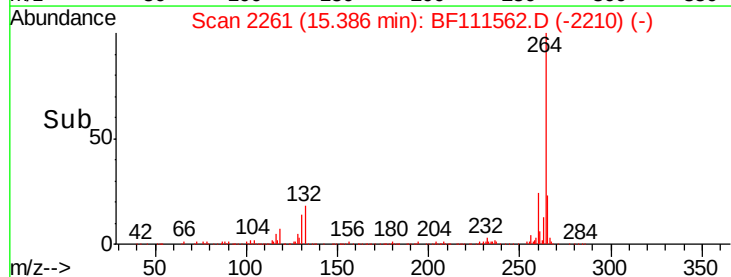
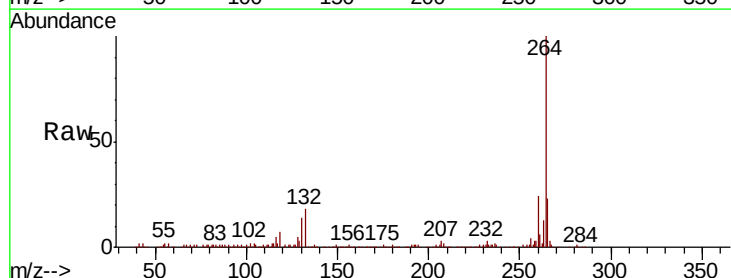
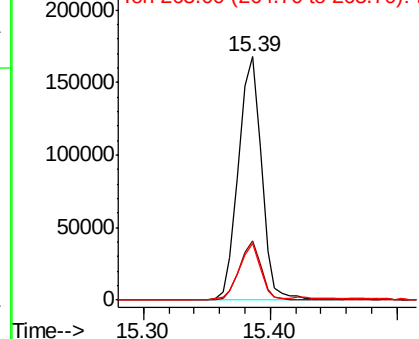
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.3	27.5
265	23.0	17.7	26.5

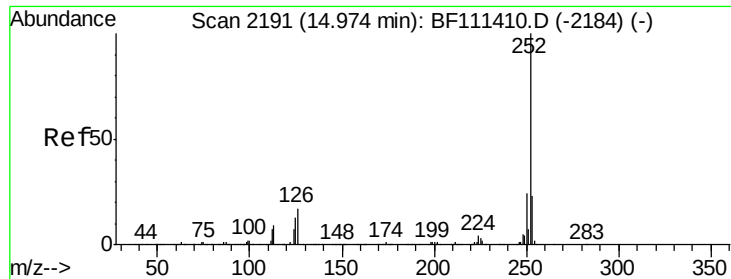
Abundance

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





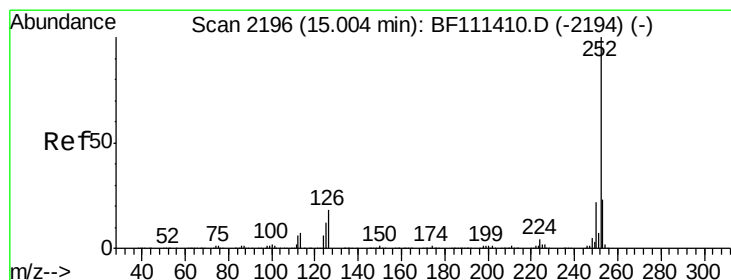
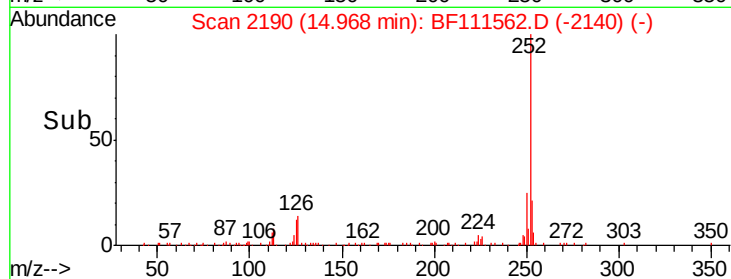
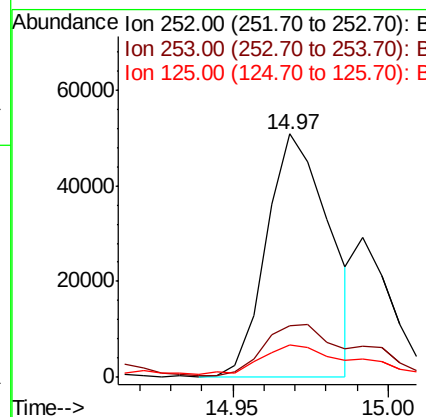
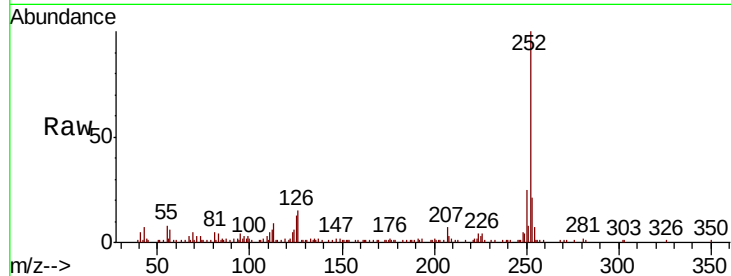
#88
Benzo(b)fluoranthene
Concen: 5.817 ng m
RT: 14.97 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BF111562.D
Acq: 18 Dec 2018 1:58

Instrument :
BNA_F
ClientSampled :
TP-6-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.2	27.2
125	13.5	10.4	15.6

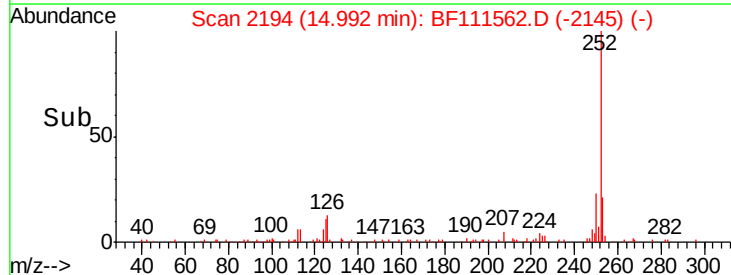
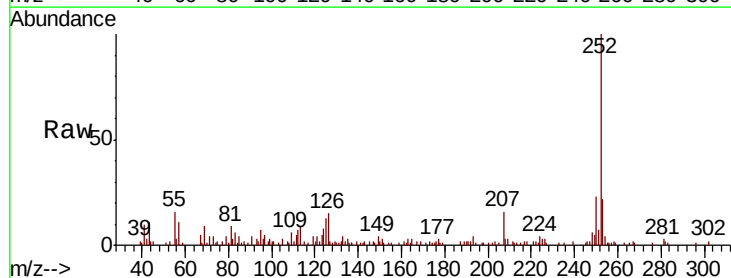
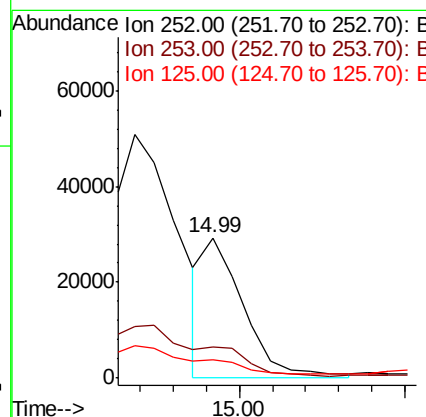
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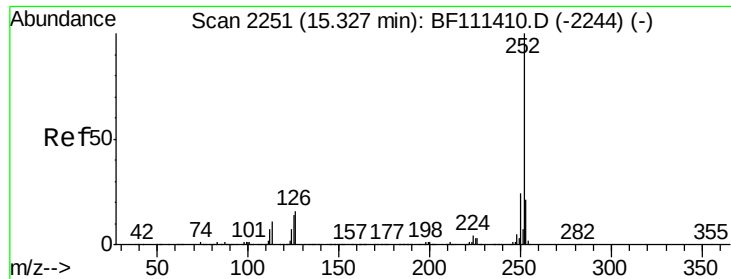
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#89
Benzo(k)fluoranthene
Concen: 2.091 ng m
RT: 14.99 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BF111562.D
Acq: 18 Dec 2018 1:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	12.9	9.8	14.8





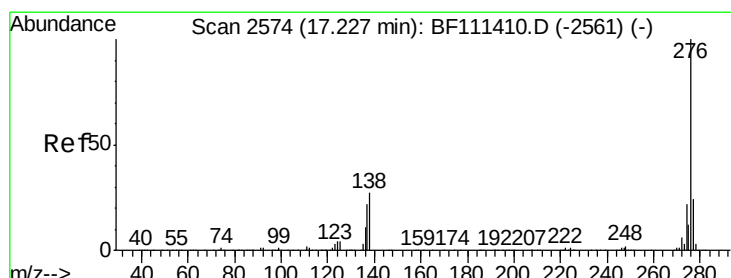
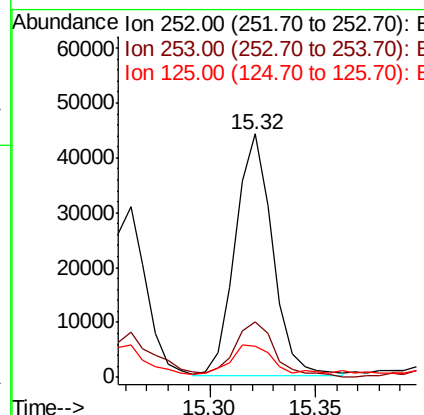
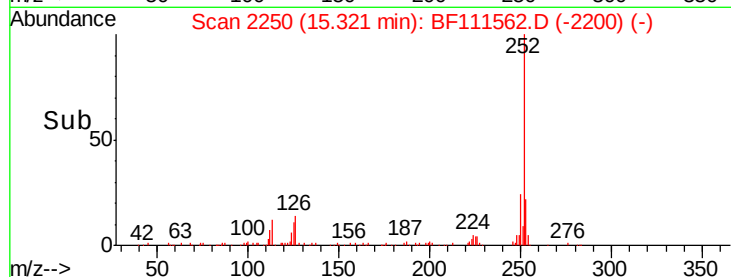
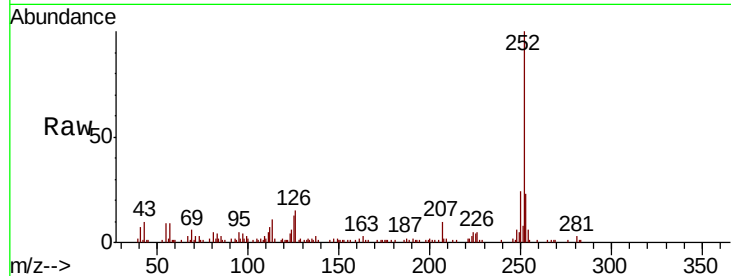
#90
Benzo(a)pyrene
Concen: 4.821 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BF111562.D
Acq: 18 Dec 2018 1:58

Instrument :
BNA_F
ClientSampled :
TP-6-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	13.0	12.3	18.5

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.889 ng
RT: 17.22 min Scan# 2573
Delta R.T. -0.01 min
Lab File: BF111562.D
Acq: 18 Dec 2018 1:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.0	19.2	28.8
138	22.8	24.9	37.3

