

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
 Data File : BF111647.D
 Acq On : 20 Dec 2018 19:09
 Operator : JU/SJ
 Sample : J6357-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07B

Manual Integrations
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 12/21/2018 2:46:49 PM

Quant Time: Dec 21 06:49:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	195788	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	729421	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	351160	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	587200	20.00	ng	0.00
76) Chrysene-d12	14.04	240	463027	20.00	ng	0.00
87) Perylene-d12	15.52	264	473445	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1294190	112.67	ng	0.00
7) Phenol-d6	6.52	99	1679830	114.91	ng	0.00
23) Nitrobenzene-d5	7.45	82	1055091	84.20	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	424814	102.38	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1909688	79.27	ng	0.00
79) Terphenyl-d14	13.00	244	1528150	62.59	ng	0.00
Target Compounds						
10) Phenol	6.53	94	113380	6.874	ng	98
50) Dimethylphthalate	9.64	163	124582	4.851	ng	97
71) Phenanthrene	11.43	178	98665m	3.168	ng	
75) Fluoranthene	12.62	202	174684	5.539	ng	94
78) Pyrene	12.85	202	172676	5.281	ng	94
81) Benzo(a)anthracene	14.03	228	90933	3.441	ng	95
83) Chrysene	14.07	228	107889	4.154	ng	97
86) Indeno(1,2,3-cd)pyrene	16.99	276	65246	2.955	ng	# 84
88) Benzo(b)fluoranthene	15.09	252	185112m	6.690	ng	
89) Benzo(k)fluoranthene	15.11	252	53621m	2.036	ng	
90) Benzo(a)pyrene	15.46	252	84693m	3.369	ng	
92) Benzo(a,h,i)perylene	17.43	276	58038	2.700	ng	94

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

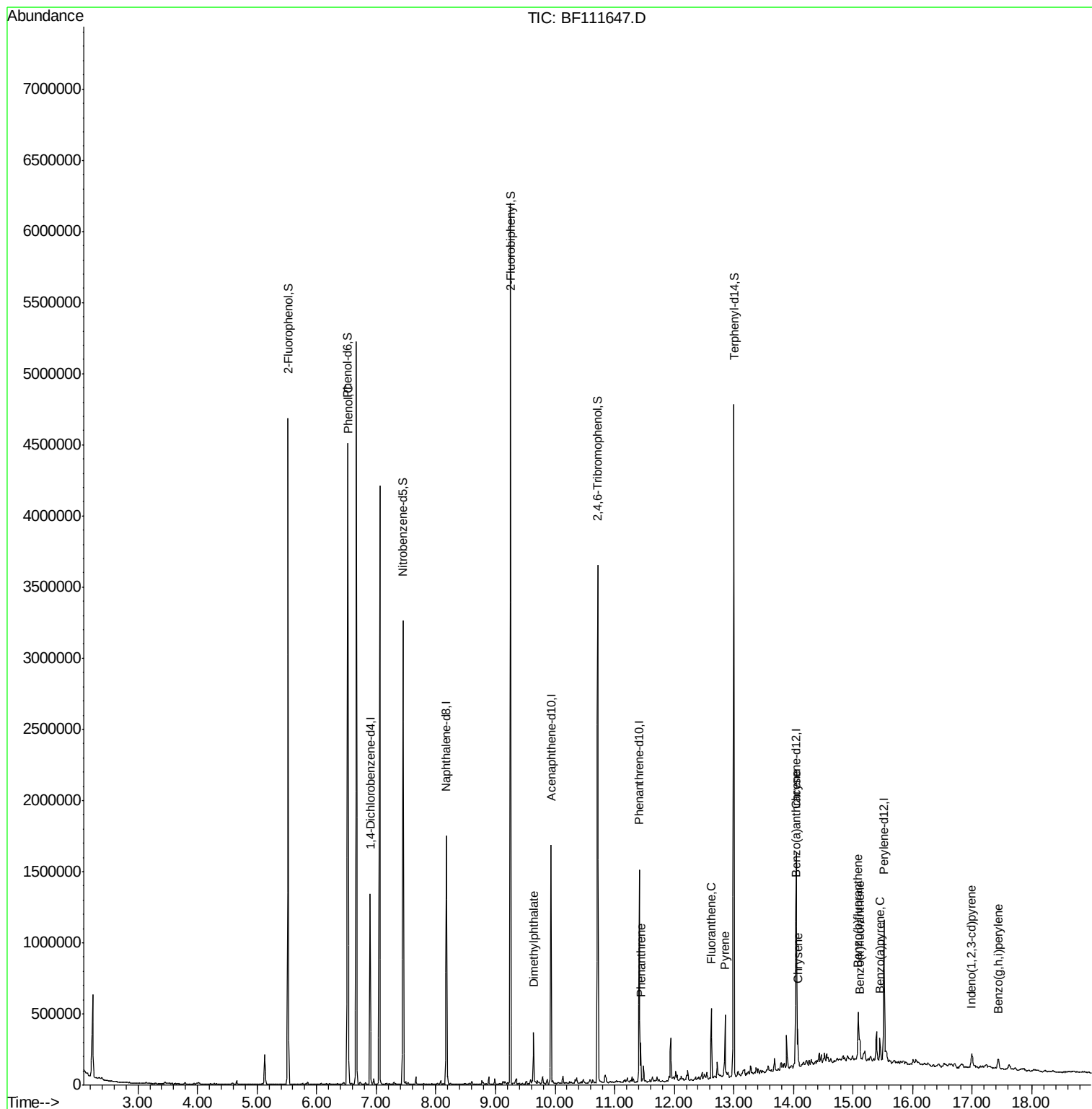
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111647.D
Acq On : 20 Dec 2018 19:09
Operator : JU/SJ
Sample : J6357-05
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ALS Vial : 8 Sample Multiplier: 1

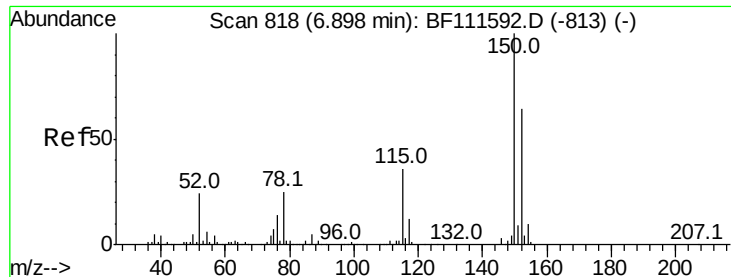
Instrument :
BNA_F
ClientSampleId :
SB-07B

Quant Time: Dec 21 06:49:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
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#1

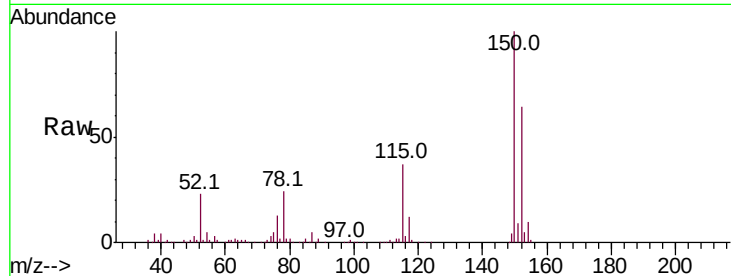
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111647.D
Acq: 20 Dec 2018 19:09

Instrument :
BNA_F
ClientSampled :
SB-07B

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.6	189.8
115	56.9	50.7	76.1

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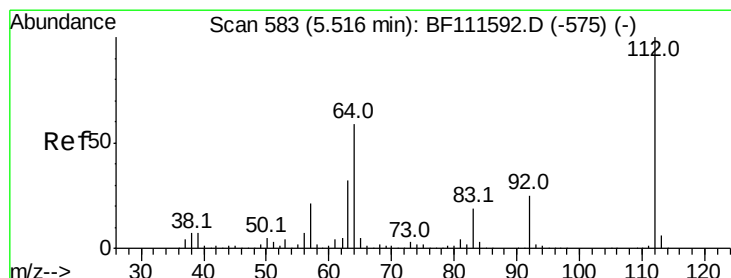
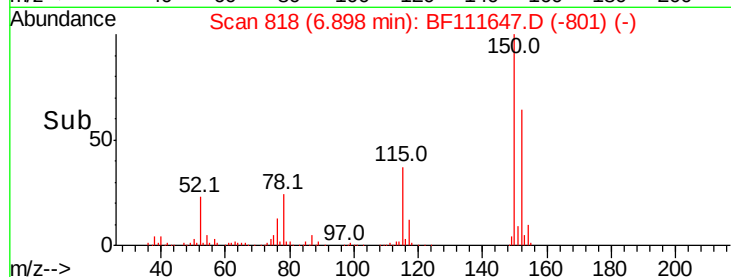
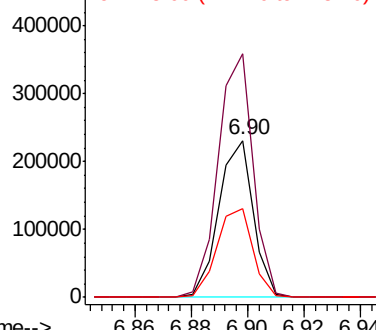


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

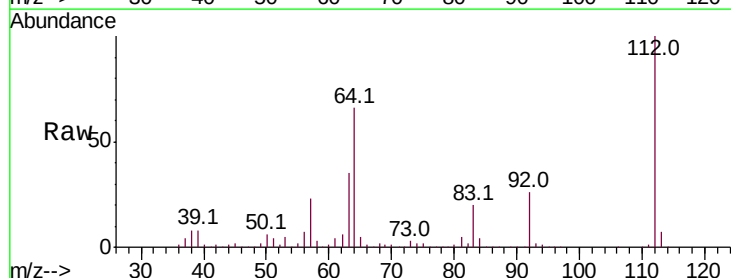
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 112.672 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF111647.D
Acq: 20 Dec 2018 19:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.8	51.8	77.6
63	35.0	26.8	40.2

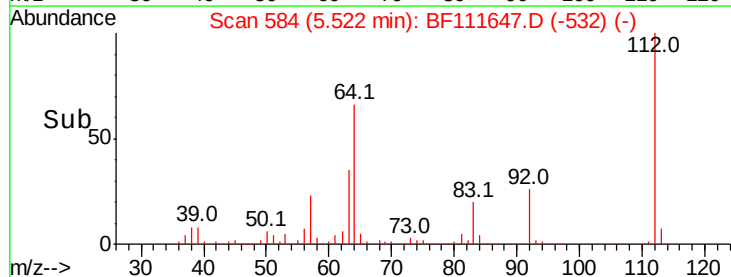
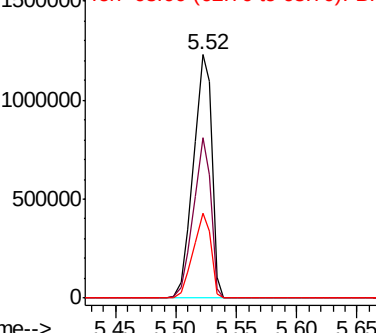


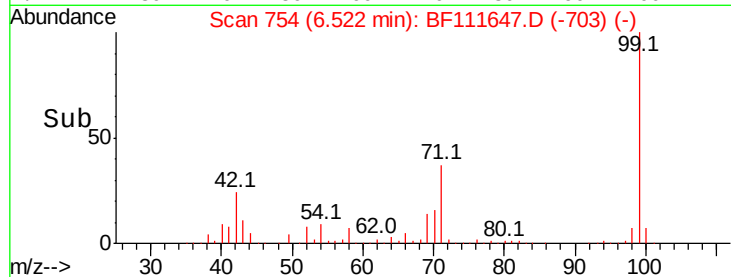
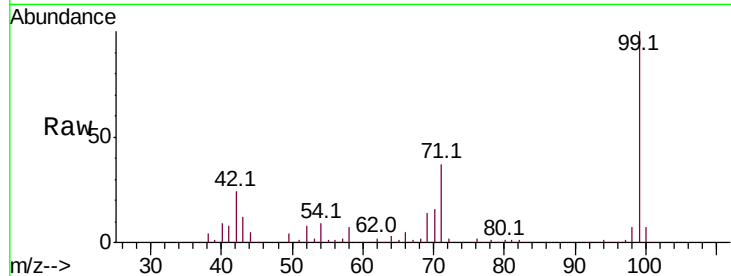
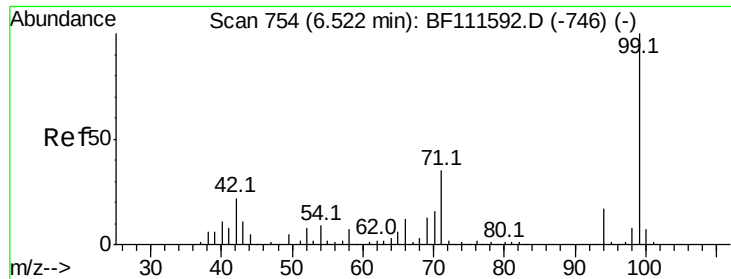
Abundance

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: 114.915 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF111647.D

Acq: 20 Dec 2018 19:09

Tot Ion: 99 Resp: 1679830

Ion Ratio Lower Upper

99 100

42 23.7 17.4 26.0

71 37.1 26.1 39.1

Instrument :

BNA_F

ClientSampled :

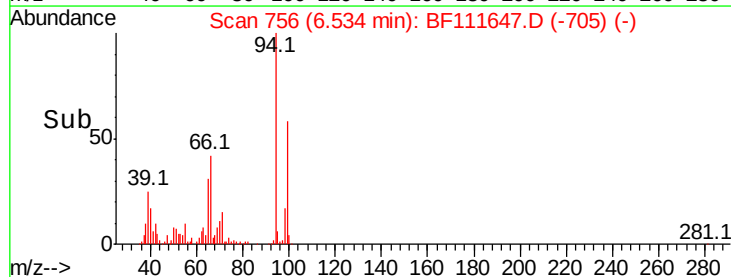
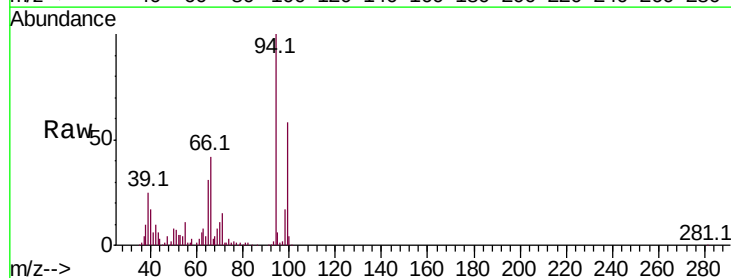
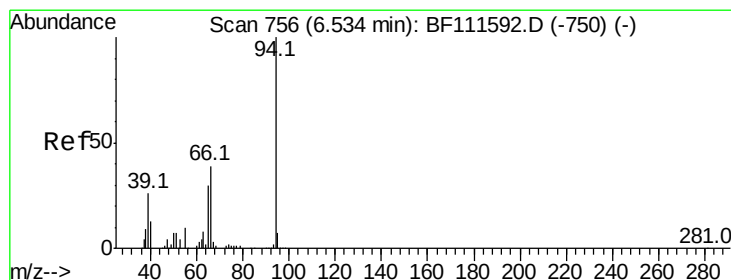
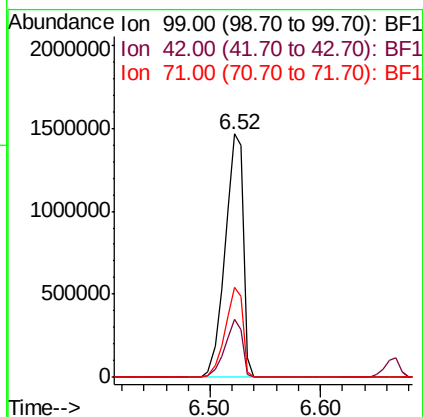
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#10

Phenol

Concen: 6.874 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF111647.D

Acq: 20 Dec 2018 19:09

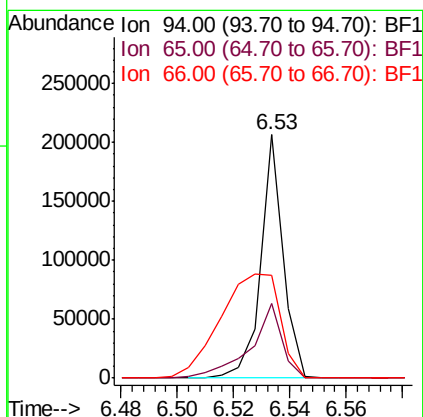
Tgt Ion: 94 Resp: 113380

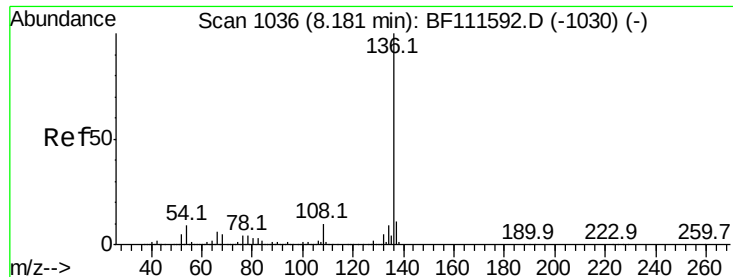
Ion Ratio Lower Upper

94 100

65 30.6 11.7 51.7

66 42.3 21.0 61.0





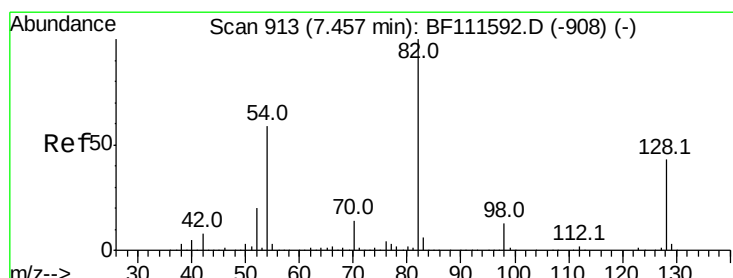
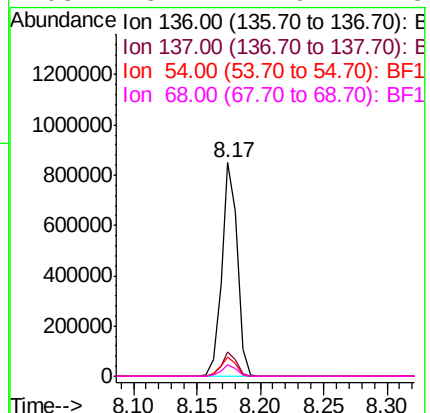
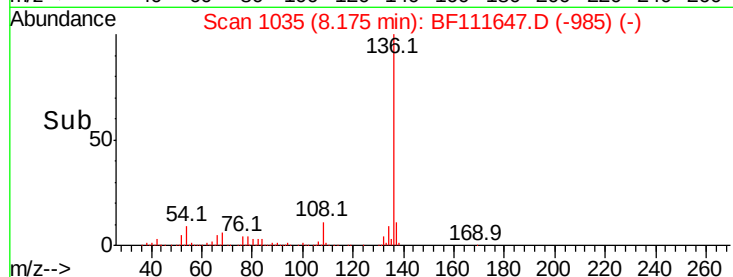
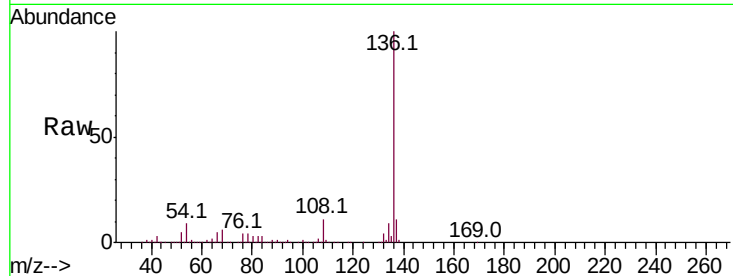
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111647.D
Acq: 20 Dec 2018 19:09

Instrument :
BNA_F
ClientSampleId :
SB-07B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		729421		
137	11.1	9.1	13.7		
54	9.2	7.7	11.5		
68	5.7	4.9	7.3		

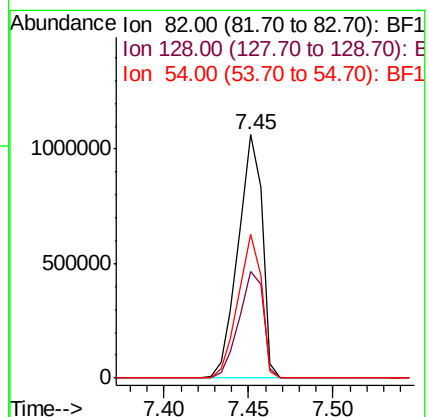
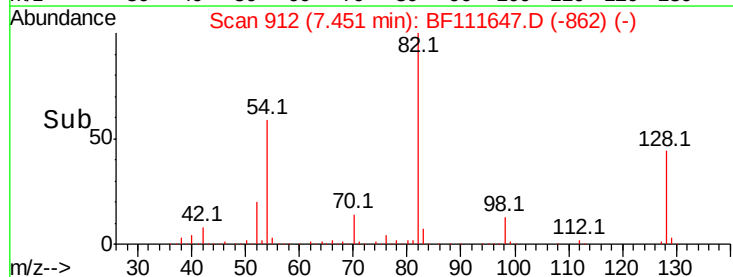
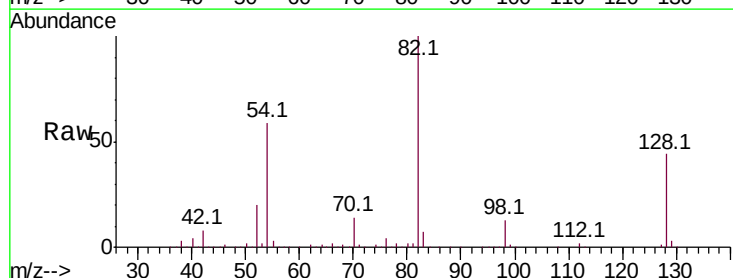
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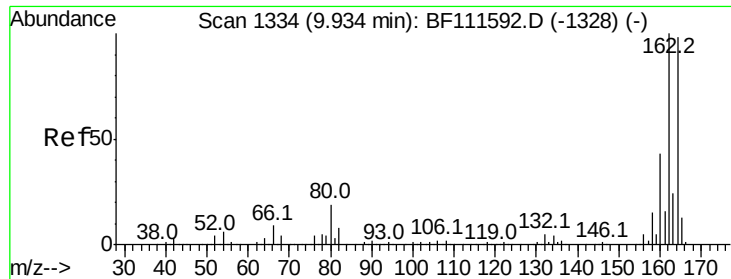
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#23
Nitrobenzene-d5
Concen: 84.196 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF111647.D
Acq: 20 Dec 2018 19:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		1055091		
128	43.6	37.4	56.2		
54	58.9	47.6	71.4		





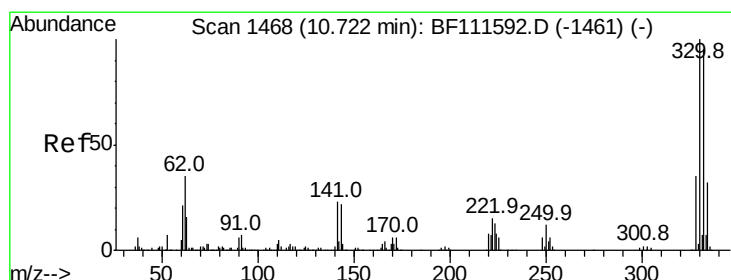
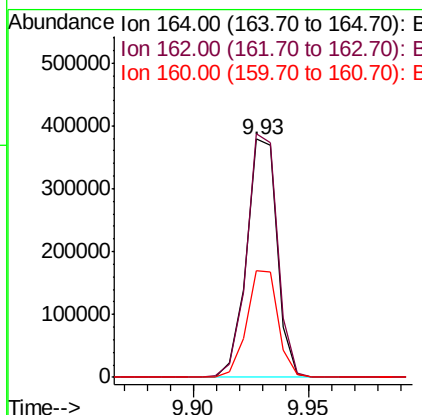
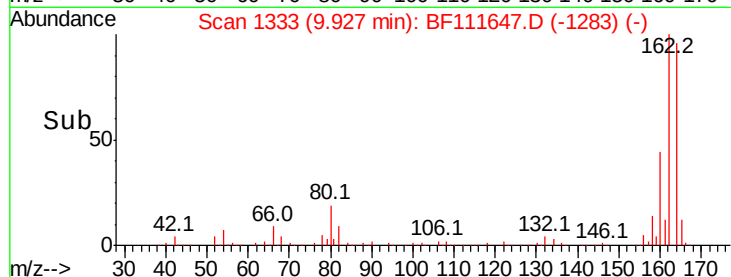
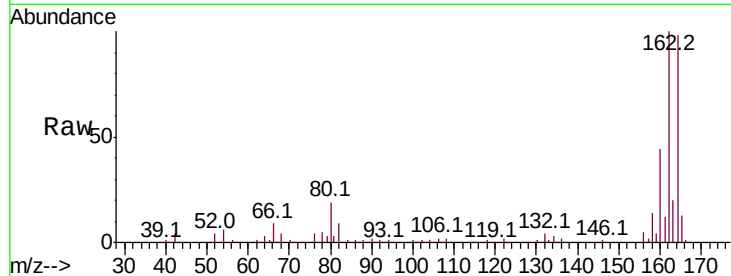
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111647.D
Acq: 20 Dec 2018 19:09

Instrument :
BNA_F
ClientSampleId :
SB-07B

Tot Ion	Ratio	Resp	Lower	Upper
164	100	351160		
162	102.2	81.4	122.0	
160	44.6	35.7	53.5	

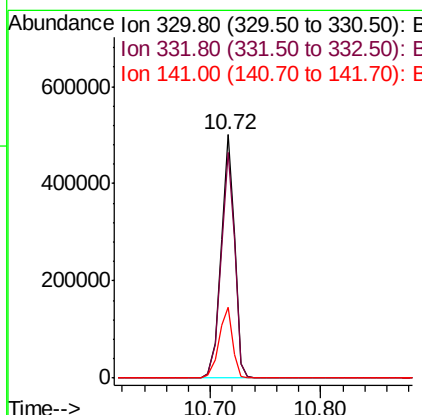
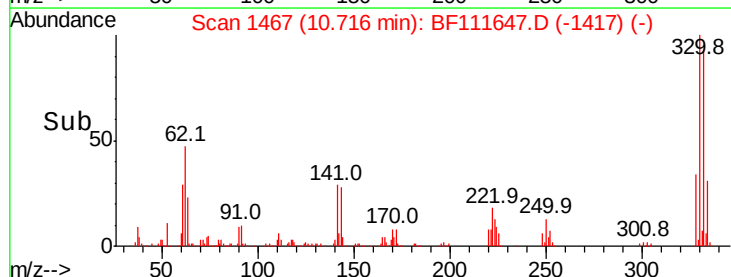
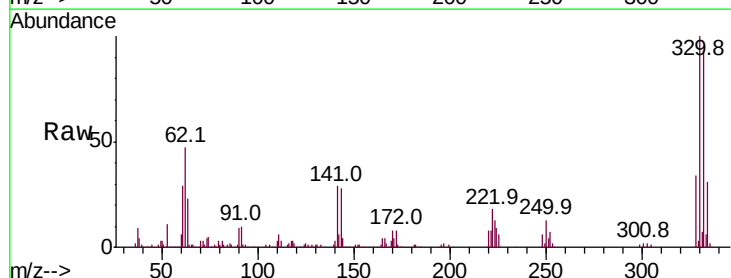
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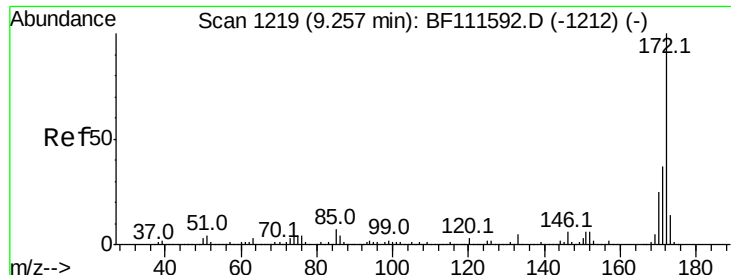
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#42
2,4,6-Tribromophenol
Concen: 102.384 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111647.D
Acq: 20 Dec 2018 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	424814		
332	94.6	76.0	114.0	
141	29.7	31.0	46.6#	





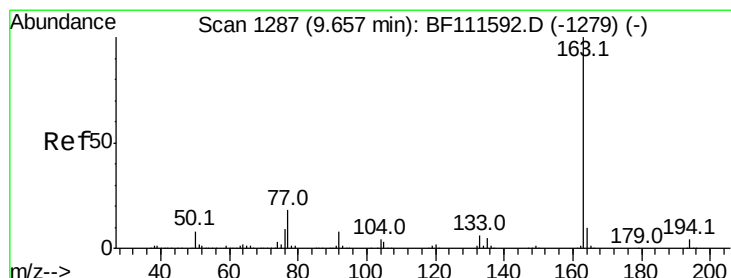
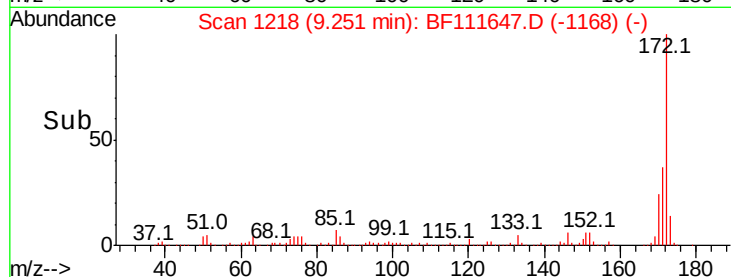
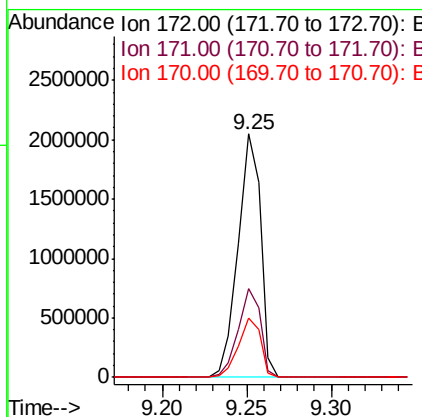
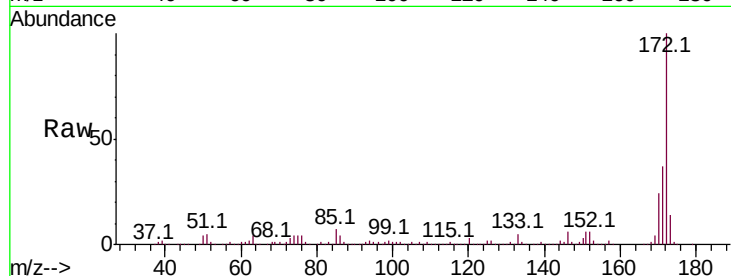
#45
2-Fluorobiphenyl
Concen: 79.266 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111647.D
Acq: 20 Dec 2018 19:09

Instrument :
BNA_F
ClientSampleId :
SB-07B

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	33.0	49.4
170	24.5	22.3	33.5

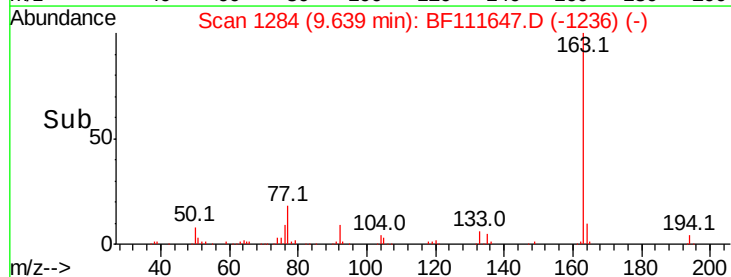
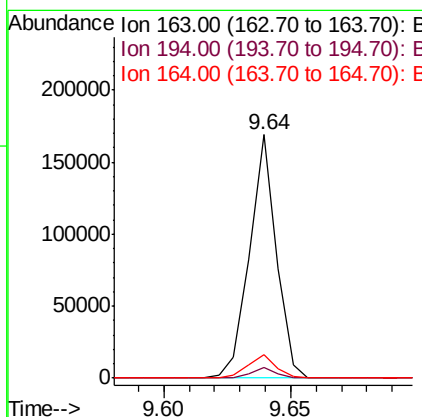
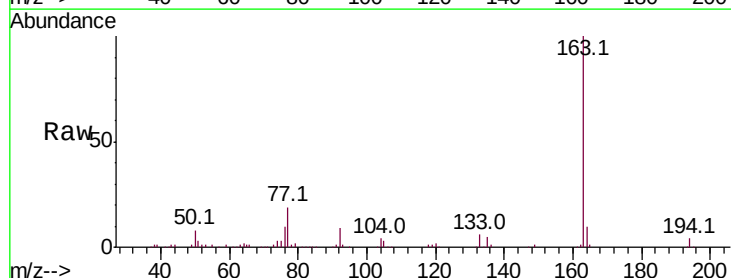
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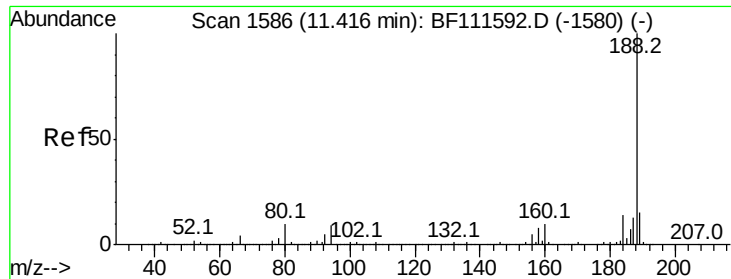
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#50
Dimethylphthalate
Concen: 4.851 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111647.D
Acq: 20 Dec 2018 19:09

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	9.6	8.9	13.3





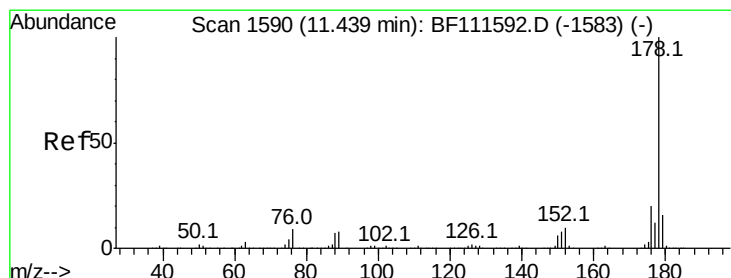
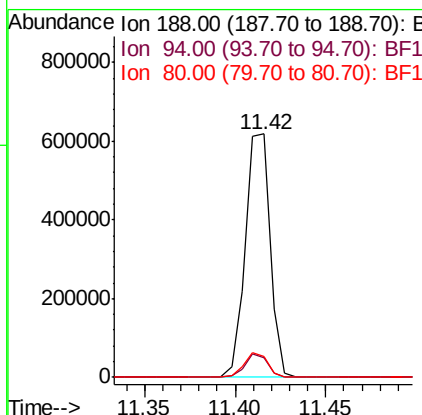
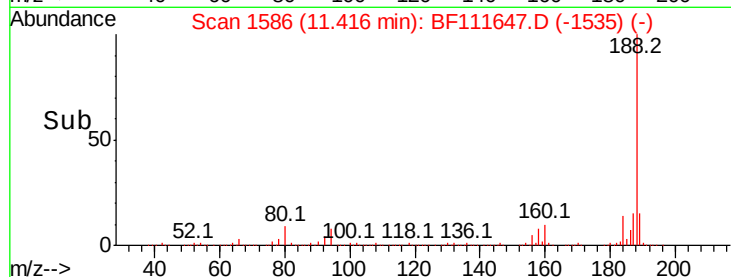
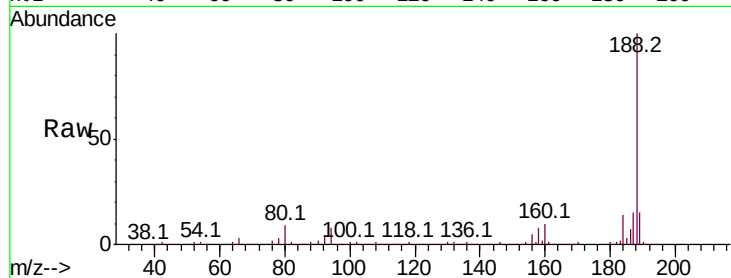
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: BF111647.D
 Acq: 20 Dec 2018 19:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-07B

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.0	9.6	14.4#
80	8.5	9.8	14.6#

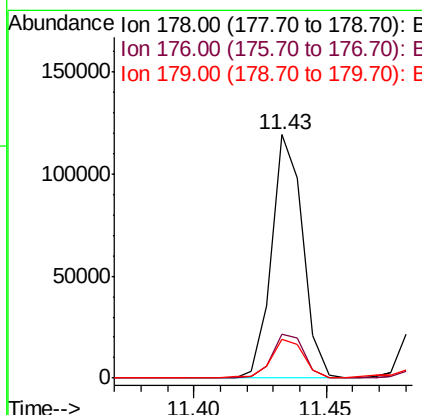
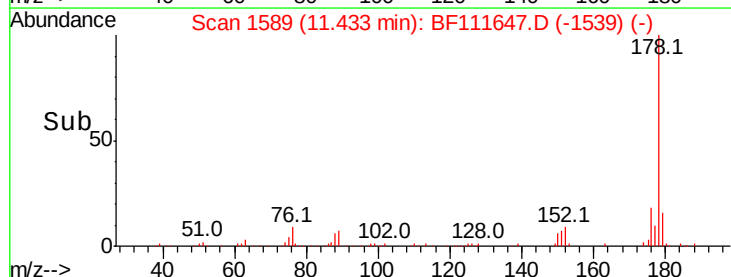
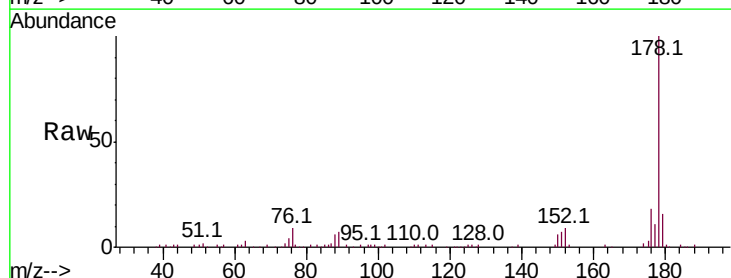
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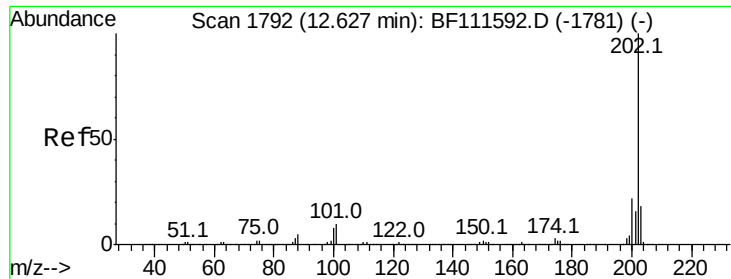
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#71
 Phenanthrene
 Concen: 3.168 ng m
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.01 min
 Lab File: BF111647.D
 Acq: 20 Dec 2018 19:09

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	17.8	18.1	27.1#
179	16.0	14.0	21.0





#75

Fluoranthene

Concen: 5.539 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF111647.D

Acq: 20 Dec 2018 19:09

Instrument :

BNA_F

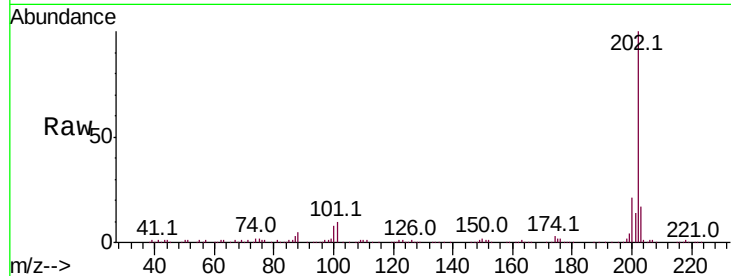
ClientSampled :

SB-07B

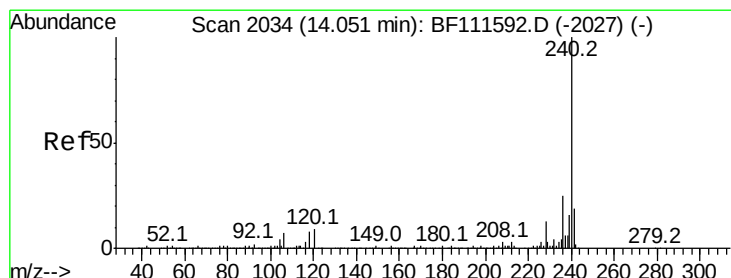
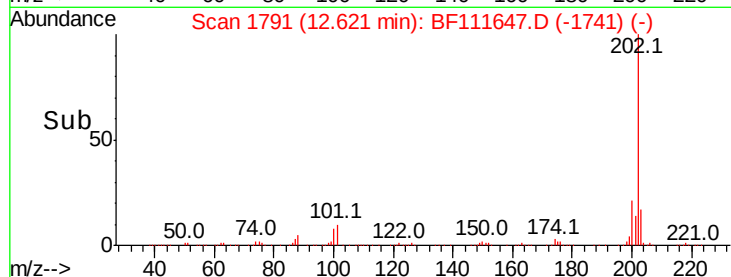
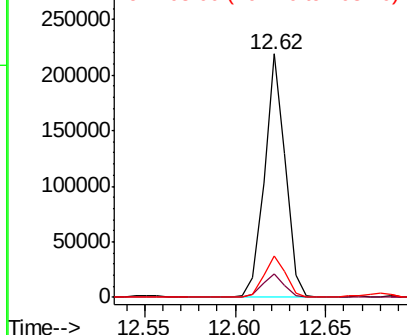
Tot Ion	Ratio	Resp	Lower	Upper
202	100	174684		
101	9.8	0.0	33.8	
203	16.8	0.0	38.6	

Manual Integrations
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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

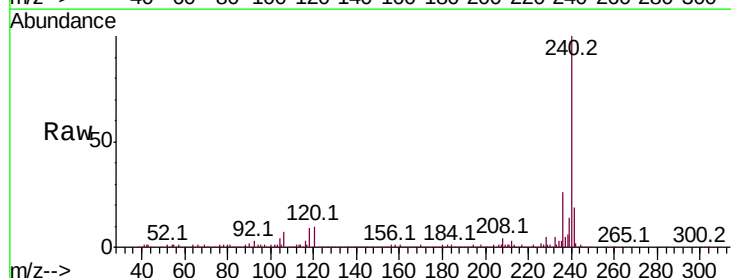
RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

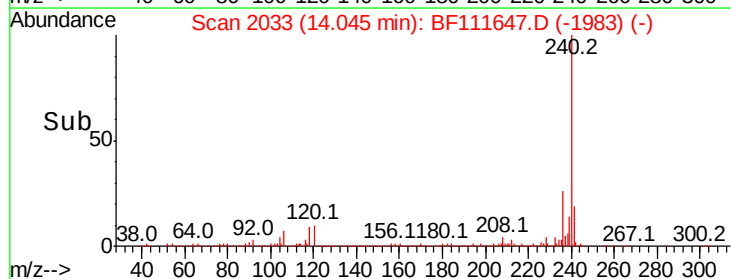
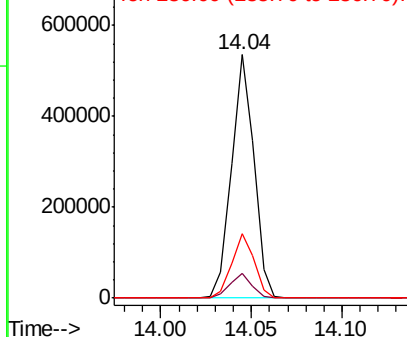
Lab File: BF111647.D

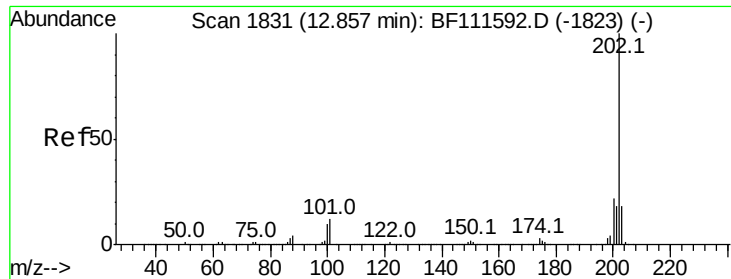
Acq: 20 Dec 2018 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	463027		
120	10.0	12.2	18.2#	
236	26.3	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





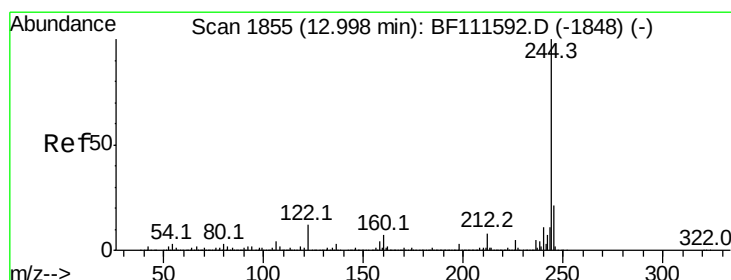
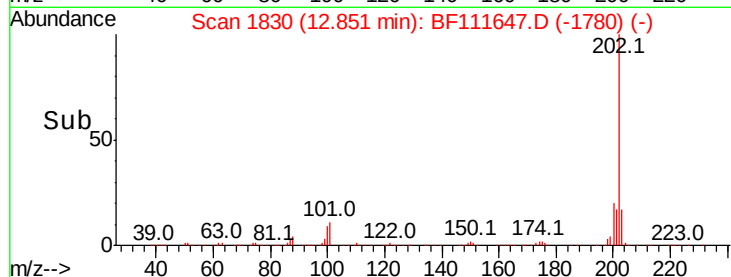
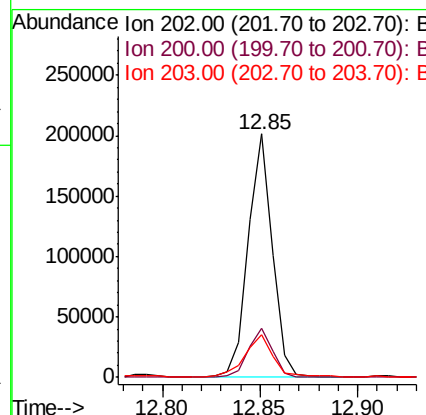
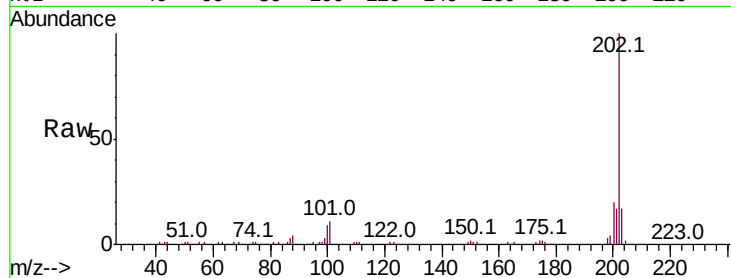
#78
Pvrene
Concen: 5.281 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF111647.D
Acq: 20 Dec 2018 19:09

Instrument :
BNA_F
ClientSampled :
SB-07B

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.3	19.0	28.4
203	17.3	15.2	22.8

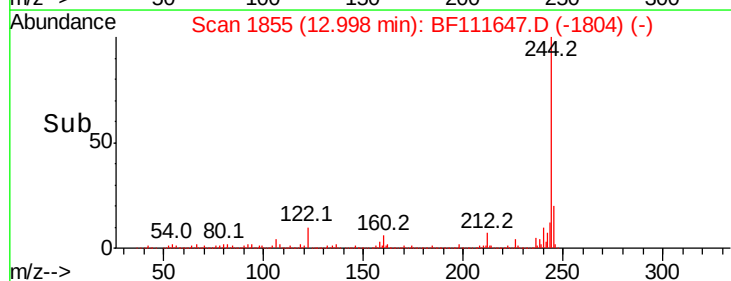
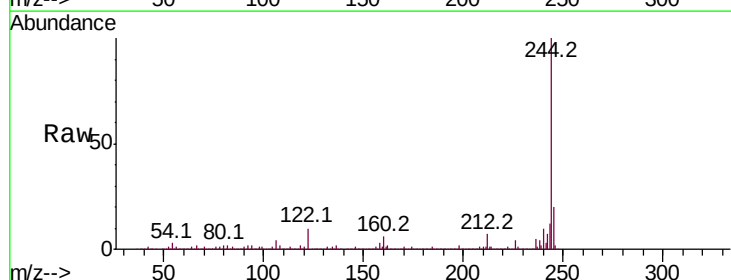
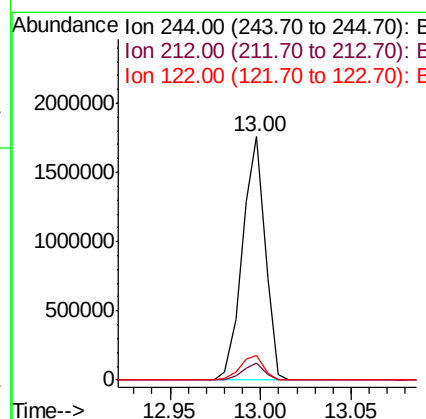
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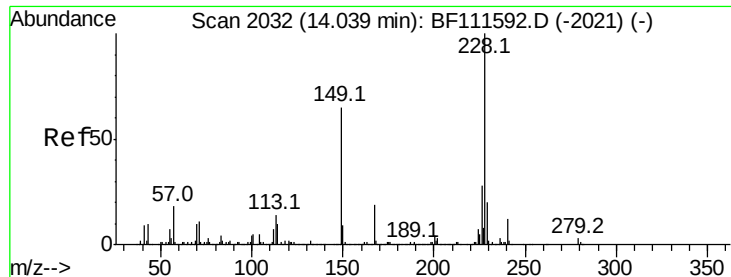
Sohil
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#79
Terphenyl-d14
Concen: 62.588 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF111647.D
Acq: 20 Dec 2018 19:09

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	10.1	13.1	19.7#





#81

Benzo(a)anthracene

Concen: 3.441 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF111647.D

Acq: 20 Dec 2018 19:09

Instrument :

BNA_F

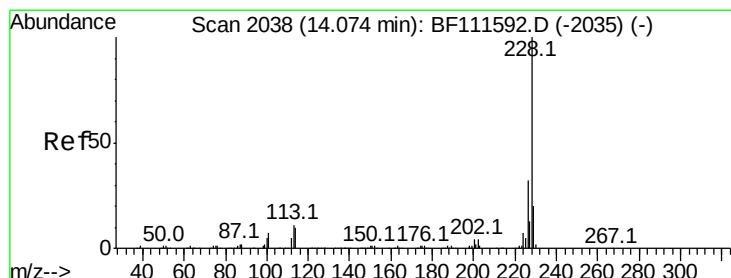
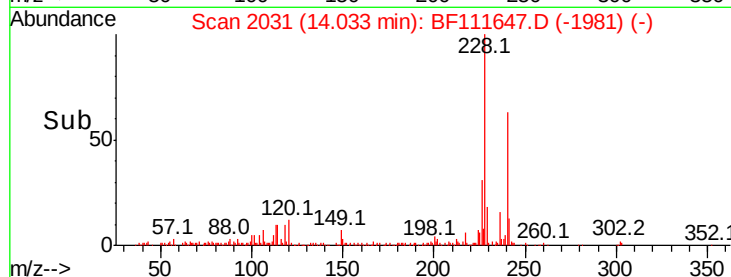
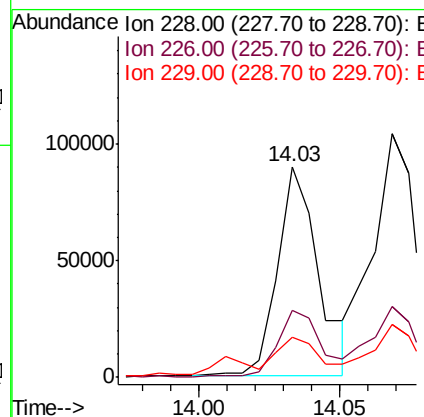
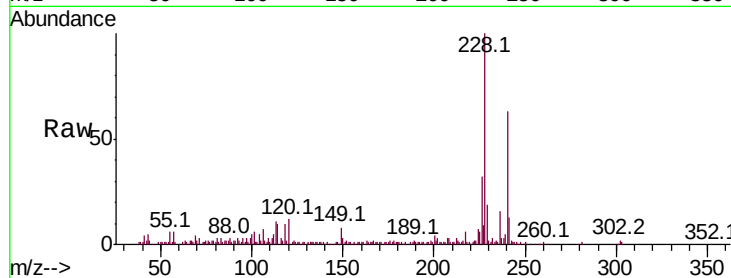
ClientSampled :

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Tot Ion:	228	Resp:	90933
Ion Ratio	Lower	Upper	
228	100		
226	31.7	22.6	34.0
229	19.1	16.3	24.5

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#83

Chrysene

Concen: 4.154 ng

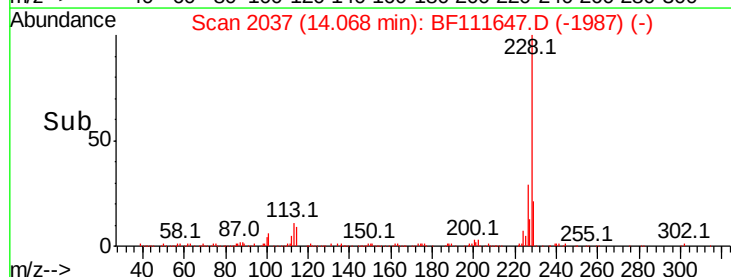
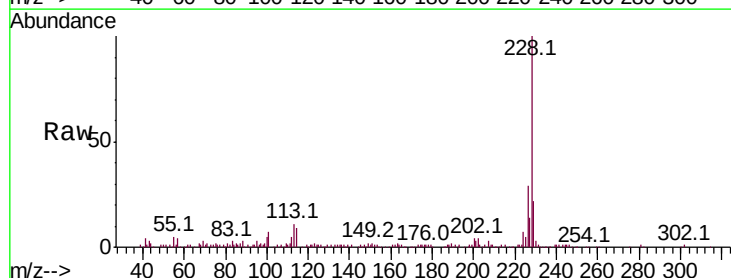
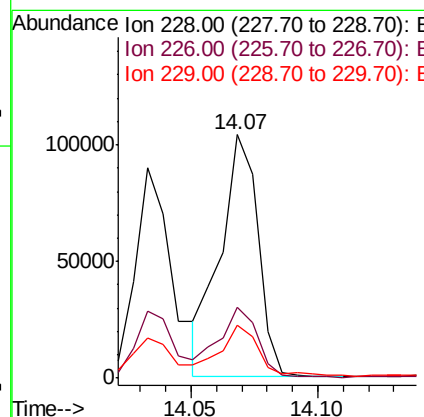
RT: 14.07 min Scan# 2037

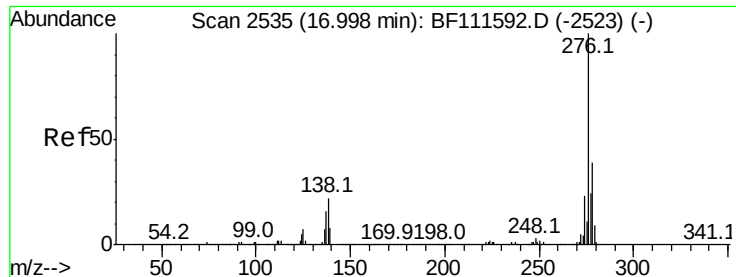
Delta R.T. -0.01 min

Lab File: BF111647.D

Acq: 20 Dec 2018 19:09

Tgt Ion:	228	Resp:	107889
Ion Ratio	Lower	Upper	
228	100		
226	29.1	25.3	37.9
229	21.6	17.2	25.8





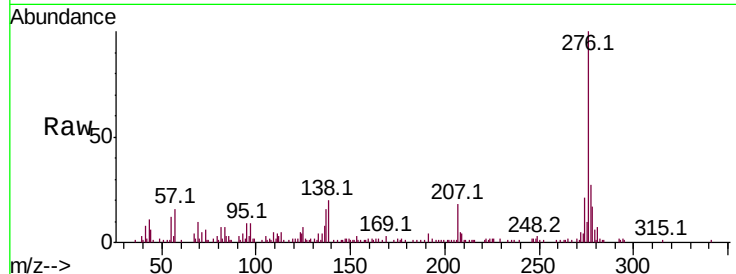
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.955 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BF111647.D
Acq: 20 Dec 2018 19:09

Instrument :
BNA_F
ClientSampleId :
SB-07B

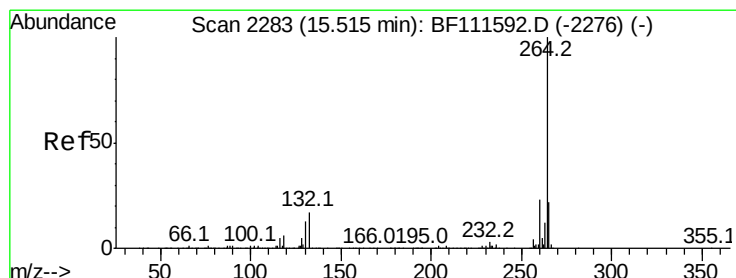
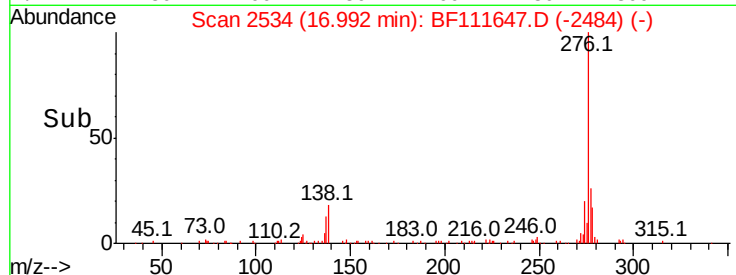
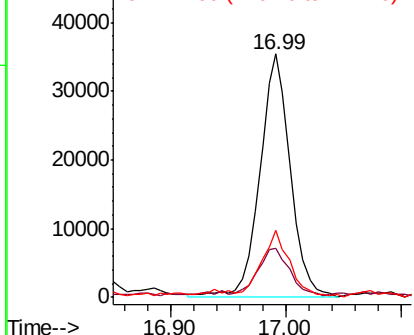
Tot Ion	Ratio	Lower	Upper
276	100		
138	19.7	27.8	41.6#
277	26.1	20.1	30.1

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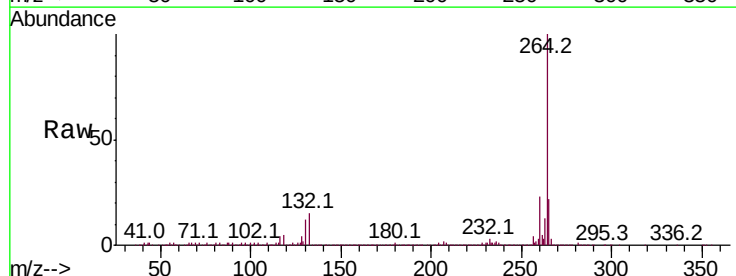


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

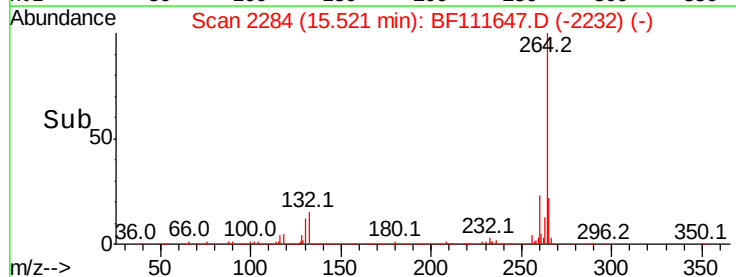
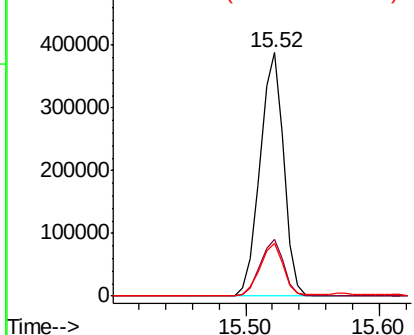


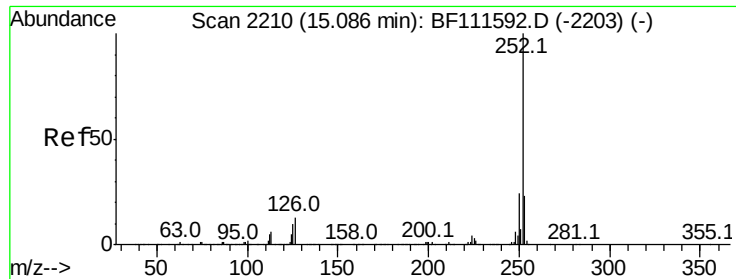
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF111647.D
Acq: 20 Dec 2018 19:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.3	27.5
265	21.7	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: 6.690 ng m

RT: 15.09 min Scan# 2210

Delta R.T. -0.00 min

Lab File: BF111647.D

Acq: 20 Dec 2018 19:09

Instrument :

BNA_F

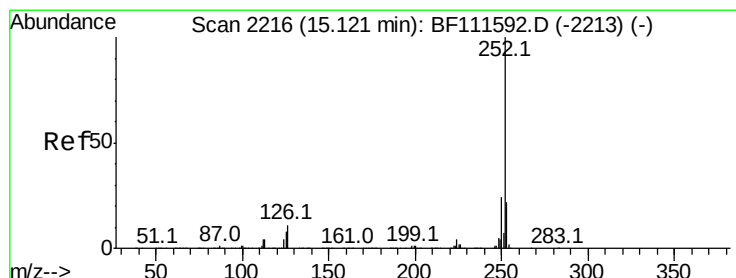
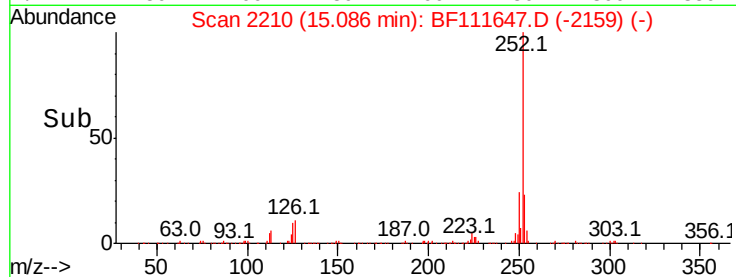
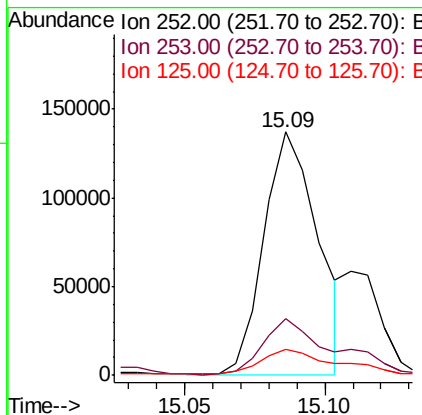
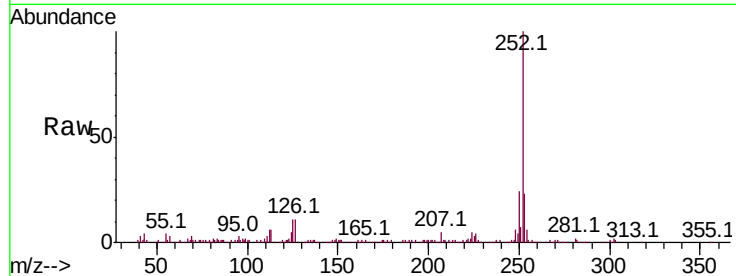
ClientSampled :

SB-07B

Tot Ion:	252	Resp:	185112
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.2	27.2
125	10.7	10.4	15.6

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#89

Benzo(k)fluoranthene

Concen: 2.036 ng m

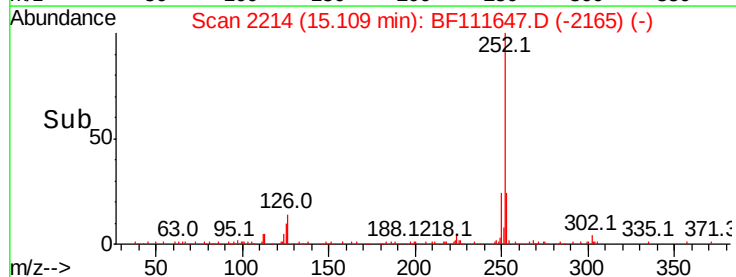
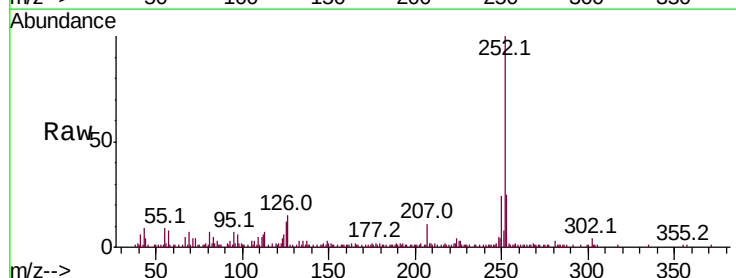
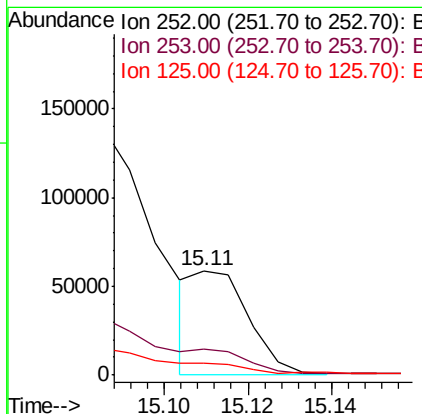
RT: 15.11 min Scan# 2214

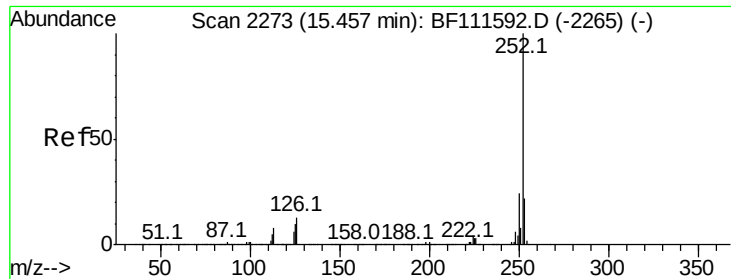
Delta R.T. -0.01 min

Lab File: BF111647.D

Acq: 20 Dec 2018 19:09

Tgt Ion:	252	Resp:	53621
Ion Ratio	Lower	Upper	
252	100		
253	25.0	18.1	27.1
125	11.9	9.8	14.8





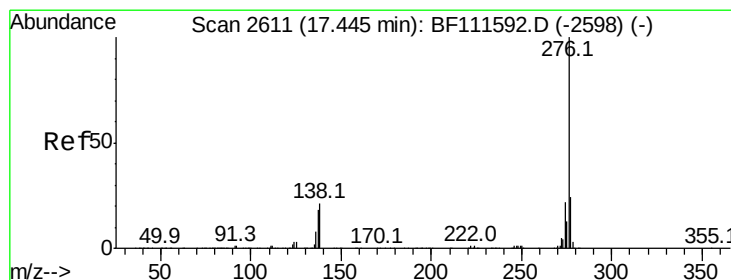
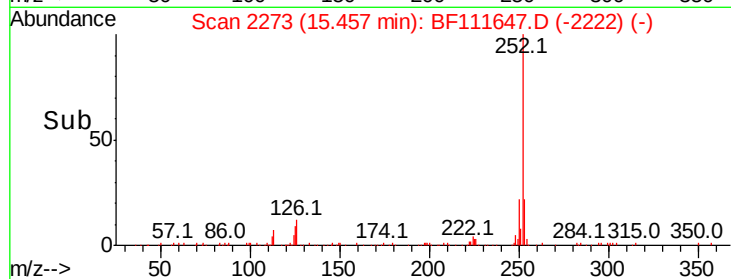
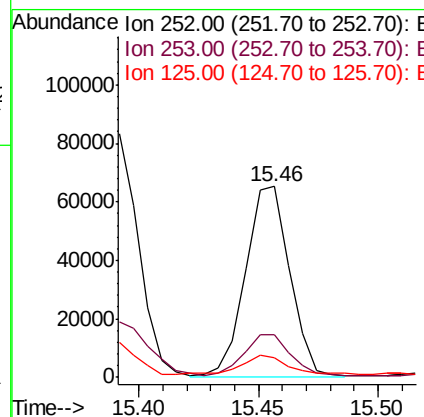
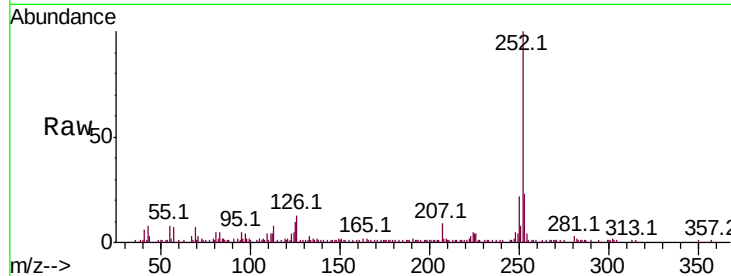
#90
Benzo(a)pyrene
Concen: 3.369 ng m
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BF111647.D
Acq: 20 Dec 2018 19:09

Instrument :
BNA_F
ClientSampled :
SB-07B

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	10.3	12.3	18.5

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.700 ng
RT: 17.43 min Scan# 2609
Delta R.T. -0.01 min
Lab File: BF111647.D
Acq: 20 Dec 2018 19:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.2	28.8
138	25.5	24.9	37.3

