

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
 Data File : BF111161.D
 Acq On : 7 Dec 2018 1:49
 Operator : JU/SJ
 Sample : J6194-03 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-120418-B

Manual Integrations
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 12/10/2018 12:19:17 PM

Quant Time: Dec 07 07:45:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 17:30:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	531045	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2029419	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	860581	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1156126	20.00	ng	0.00
76) Chrysene-d12	13.96	240	987071	20.00	ng	0.00
87) Perylene-d12	15.40	264	707989	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1629929	47.89	ng	0.00
7) Phenol-d6	6.43	99	2051635	46.80	ng	0.00
23) Nitrobenzene-d5	7.36	82	1232284	35.95	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	295311	43.17	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1992621	34.28	ng	0.00
79) Terphenyl-d14	12.91	244	1226409	25.45	ng	0.00
Target Compounds						
10) Phenol	6.44	94	145033	3.034	ng	99
50) Dimethylphthalate	9.56	163	213043	3.557	ng	96
71) Phenanthrene	11.35	178	356790	6.416	ng	95
75) Fluoranthene	12.53	202	506214	9.302	ng	95
78) Pyrene	12.76	202	658102	8.558	ng	95
81) Benzo(a)anthracene	13.94	228	290169	5.017	ng	# 90
83) Chrysene	13.98	228	283534	4.939	ng	94
88) Benzo(b)fluoranthene	14.98	252	241325m	6.015	ng	
90) Benzo(a)pyrene	15.33	252	180507	4.905	ng	96
92) Benzo(g,h,i)perylene	17.23	276	98298	3.168	ng	97

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

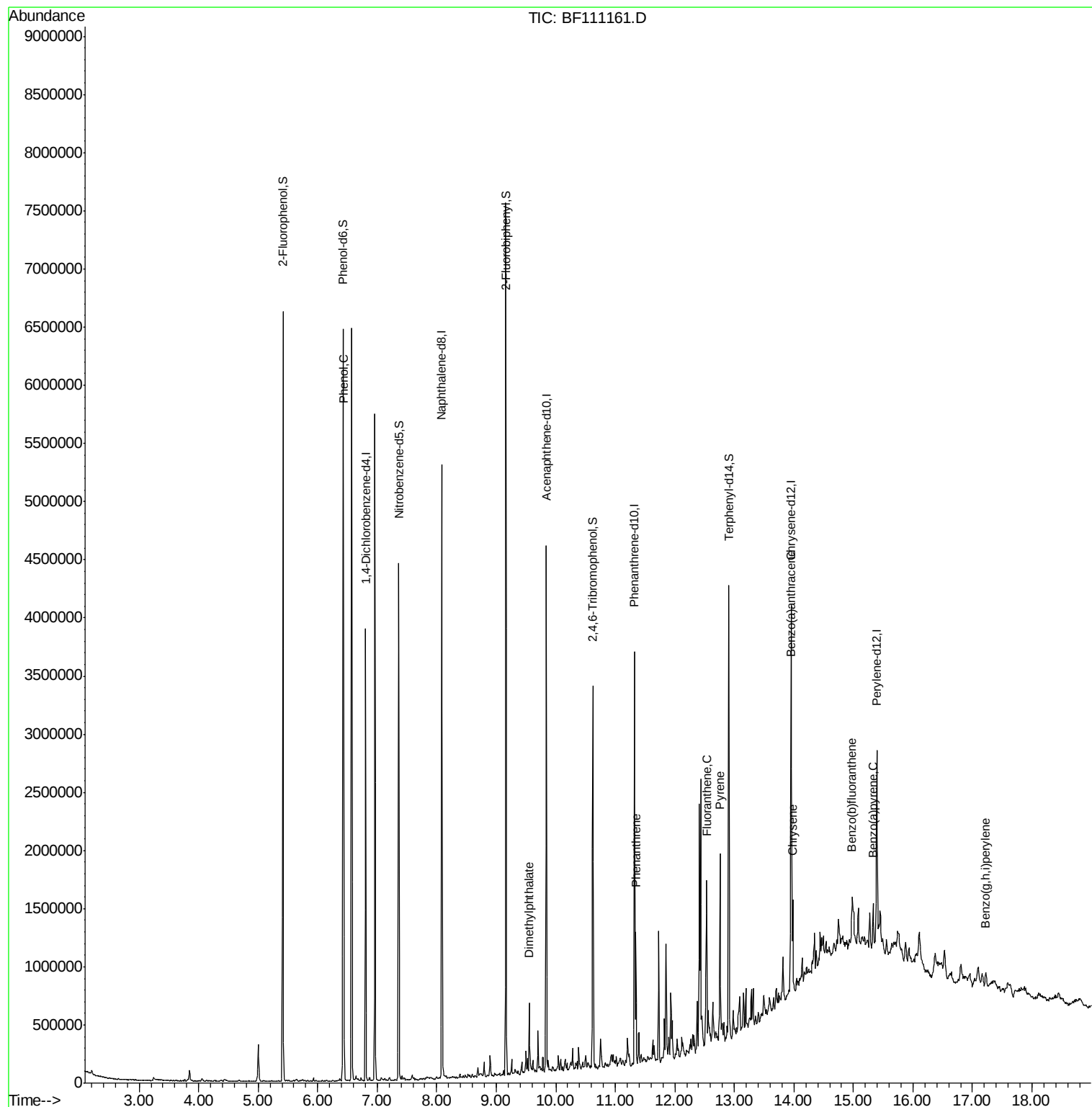
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111161.D
Acq On : 7 Dec 2018 1:49
Operator : JU/SJ
Sample : J6194-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

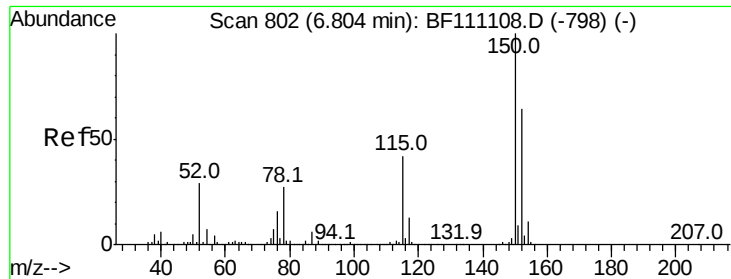
Instrument :
BNA_F
ClientSampleId :
OK-02-120418-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

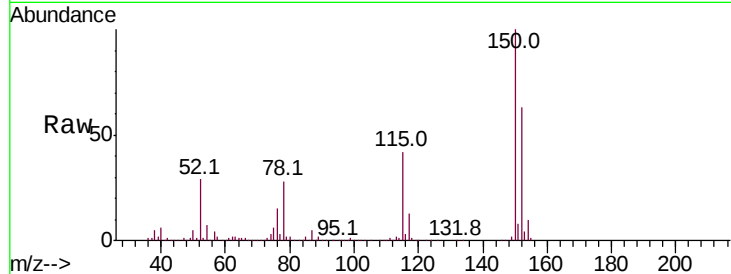
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF111161.D
Acq: 7 Dec 2018 1:49

Instrument :
BNA_F
ClientSampleId :
OK-02-120418-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.6	187.0
115	66.7	52.2	78.2

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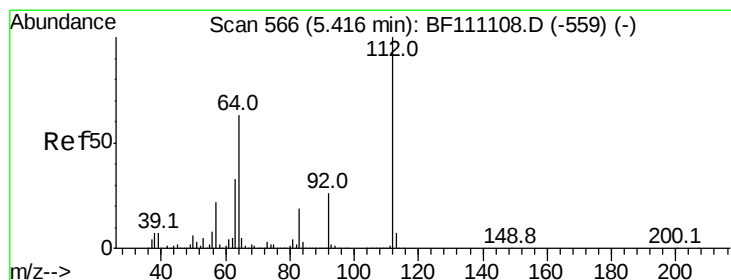
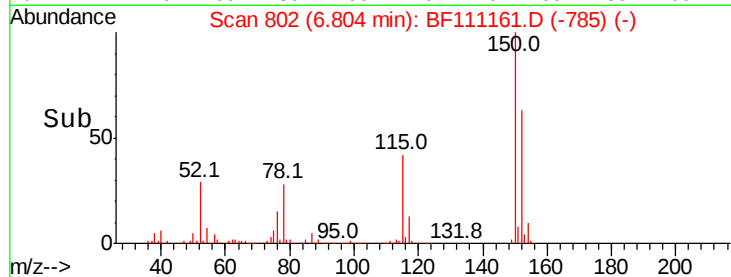
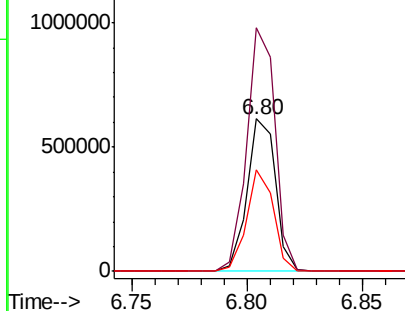


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

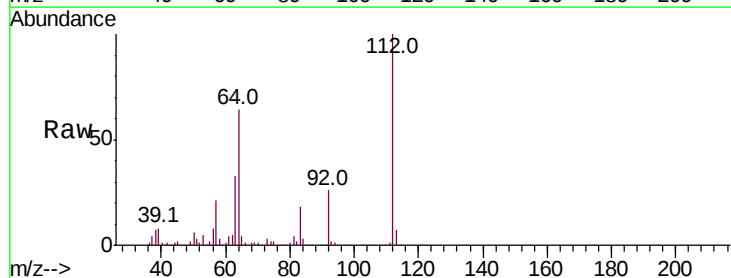
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 47.895 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF111161.D
Acq: 7 Dec 2018 1:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.3	50.2	75.4
63	32.7	26.6	39.8

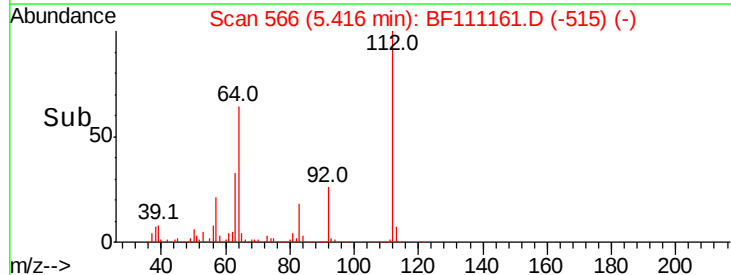
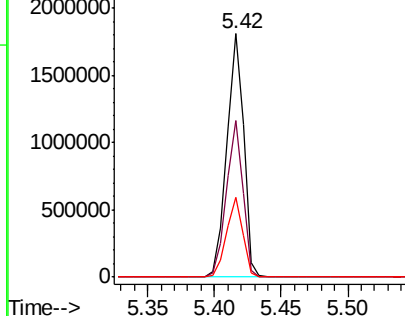


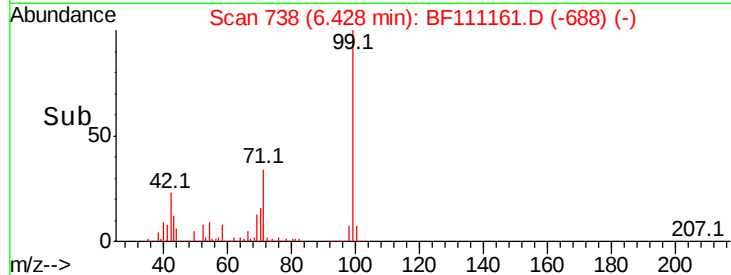
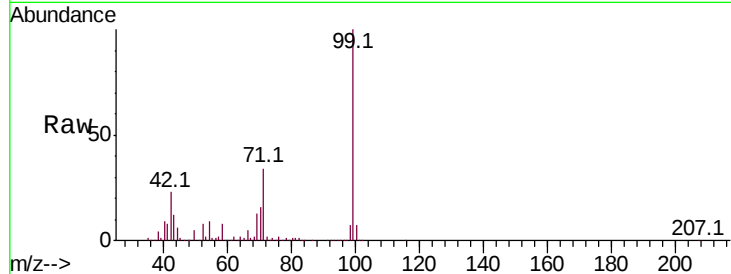
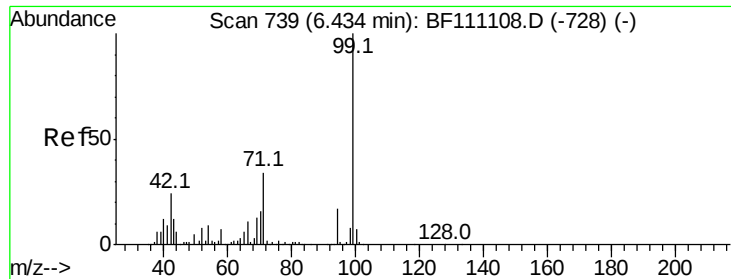
Abundance

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: 46.800 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111161.D

Acq: 7 Dec 2018 1:49

Tot Ion: 99 Resp: 2051635

Ion Ratio Lower Upper

99 100

42 23.4 19.3 28.9

71 33.9 27.4 41.2

Instrument :

BNA_F

ClientSampleId :

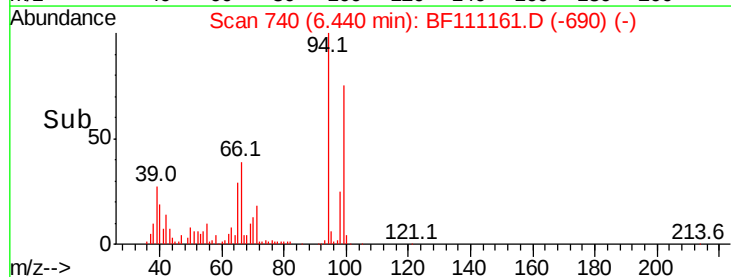
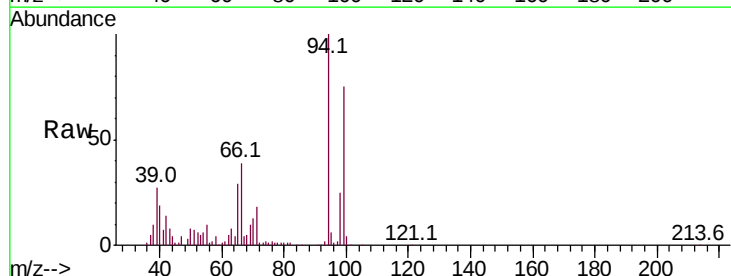
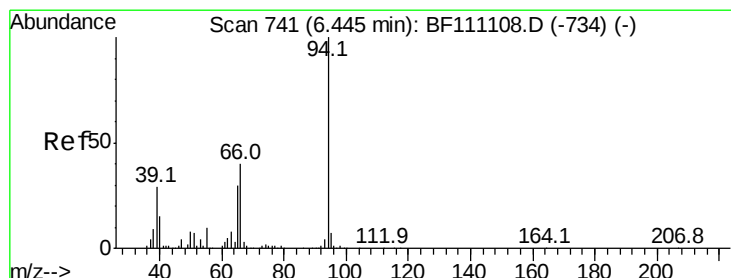
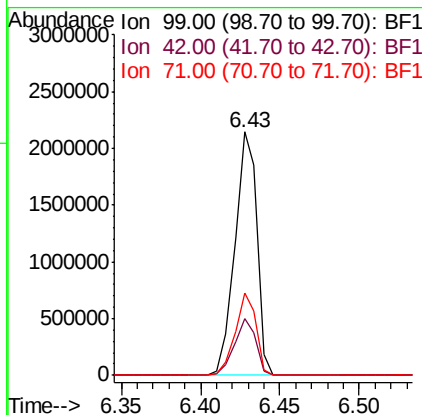
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#10

Phenol

Concen: 3.034 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111161.D

Acq: 7 Dec 2018 1:49

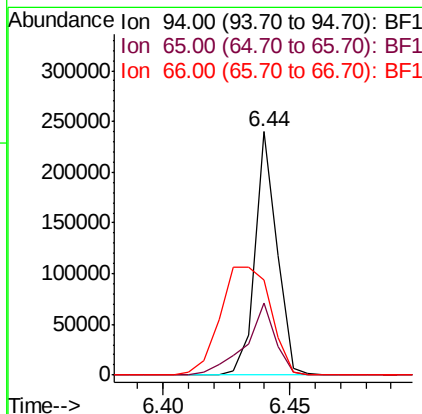
Tgt Ion: 94 Resp: 145033

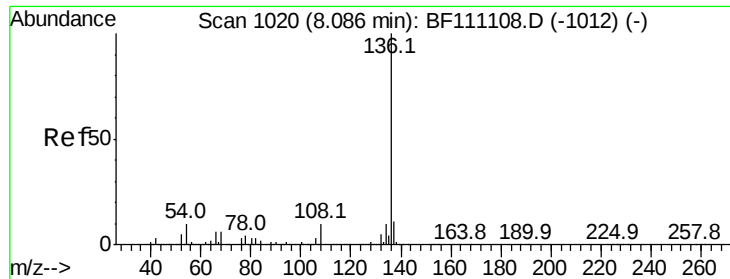
Ion Ratio Lower Upper

94 100

65 29.4 10.5 50.5

66 39.2 19.8 59.8





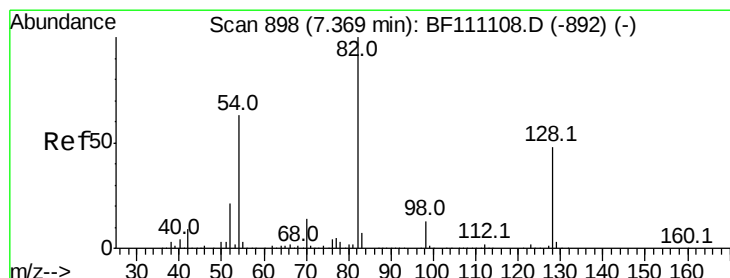
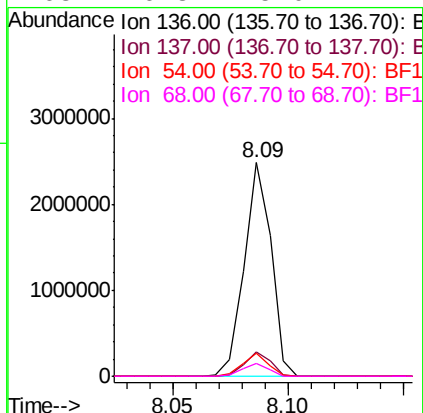
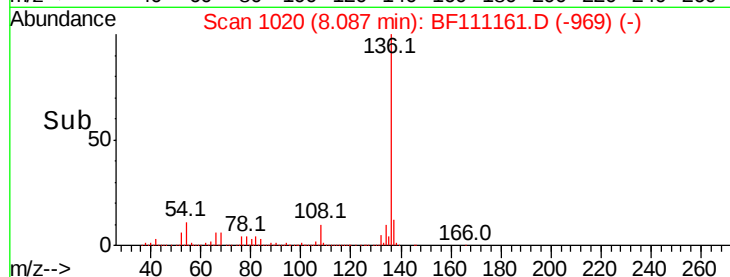
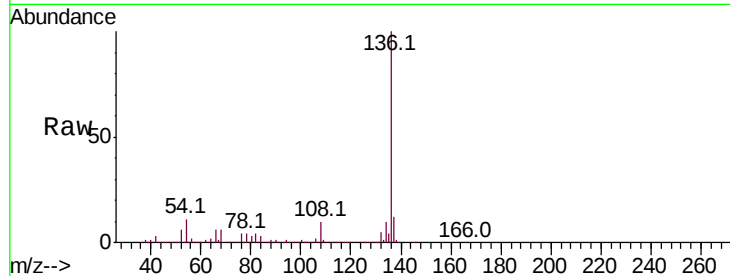
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF111161.D
Acq: 7 Dec 2018 1:49

Instrument :
BNA_F
ClientSampleId :
OK-02-120418-B

Tot Ion	Ratio	Resp	Lower	Upper
136	100	2029419		
137	11.7		9.0	13.6
54	10.6		8.4	12.6
68	6.3		5.0	7.4

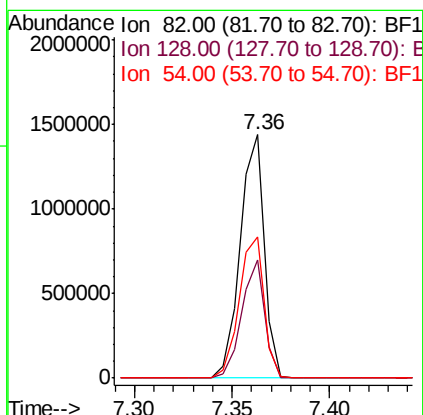
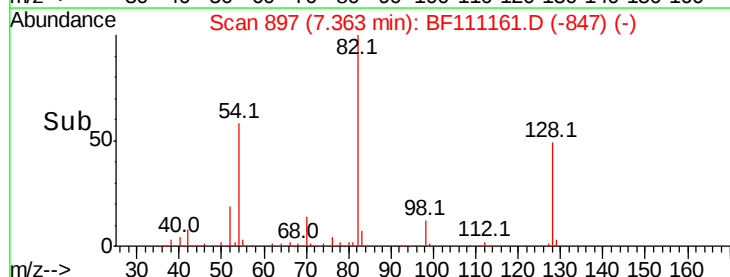
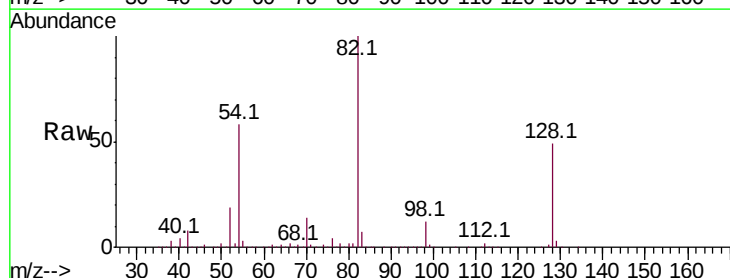
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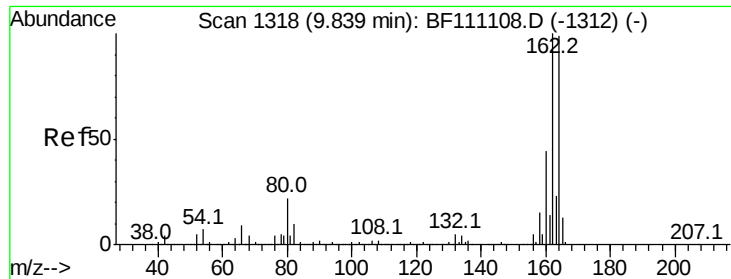
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#23
Nitrobenzene-d5
Concen: 35.949 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF111161.D
Acq: 7 Dec 2018 1:49

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	1232284		
128	48.7		38.1	57.1
54	58.0		50.3	75.5





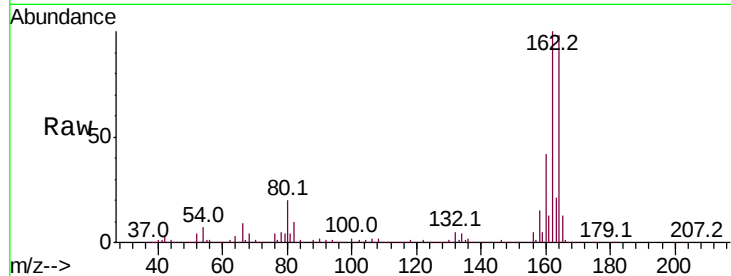
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF111161.D
Acq: 7 Dec 2018 1:49

Instrument :
BNA_F
ClientSampleId :
OK-02-120418-B

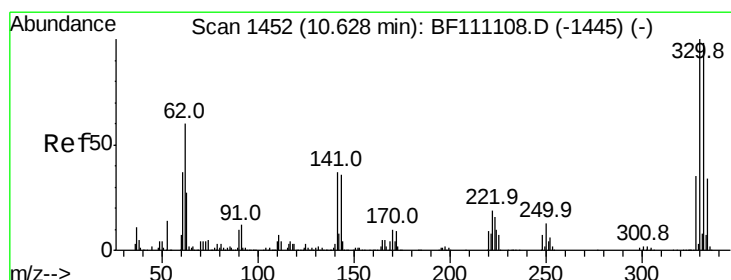
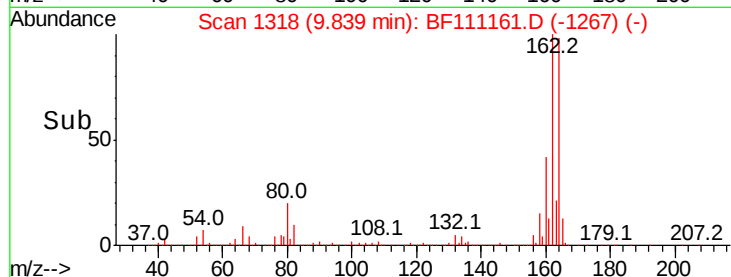
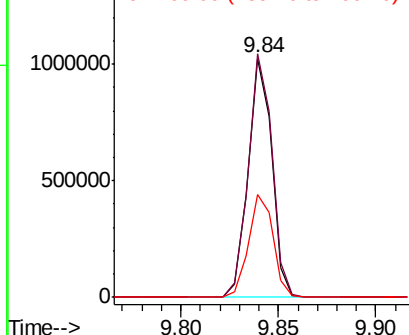
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.1	80.6	120.8	
160	43.3	35.5	53.3	

Manual Integrations
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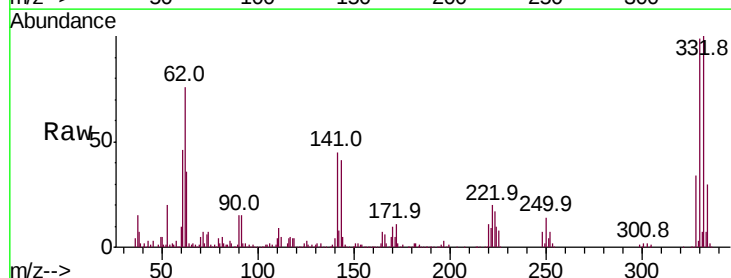


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

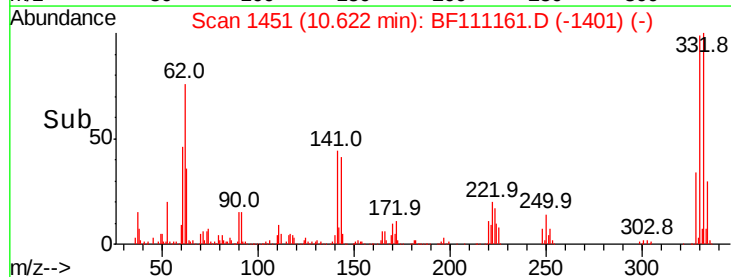
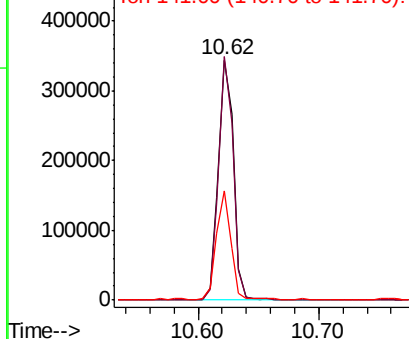


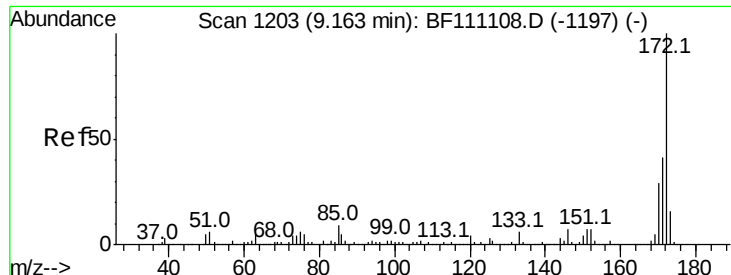
#42
2,4,6-Tribromophenol
Concen: 43.170 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF111161.D
Acq: 7 Dec 2018 1:49

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.8	77.2	115.8	
141	43.2	36.1	54.1	



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





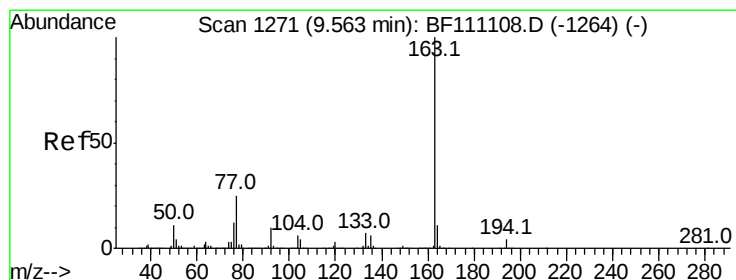
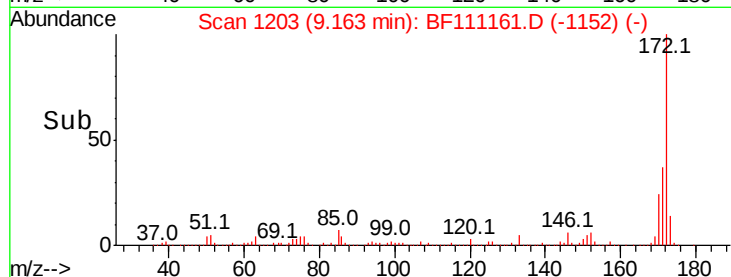
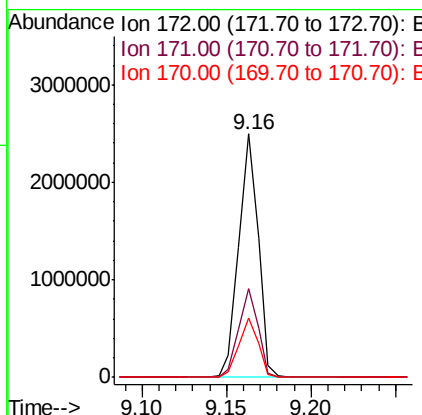
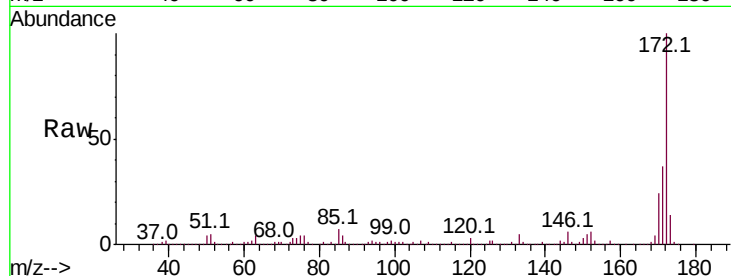
#45
2-Fluorobiphenyl
Concen: 34.283 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111161.D
Acq: 7 Dec 2018 1:49

Instrument :
BNA_F
ClientSampleId :
OK-02-120418-B

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	33.2	49.8
170	24.4	22.9	34.3

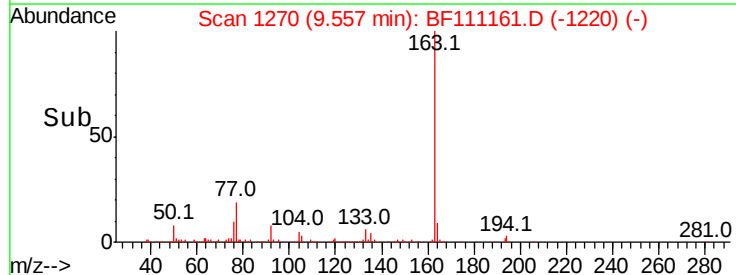
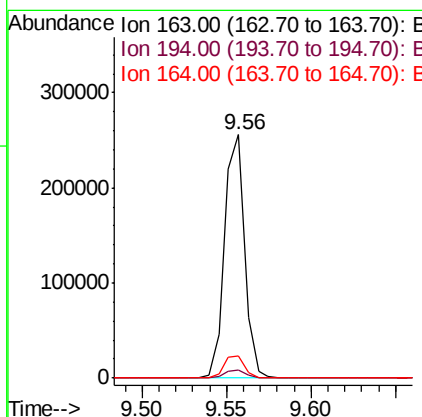
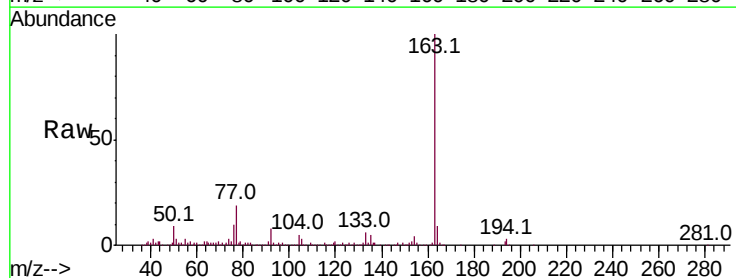
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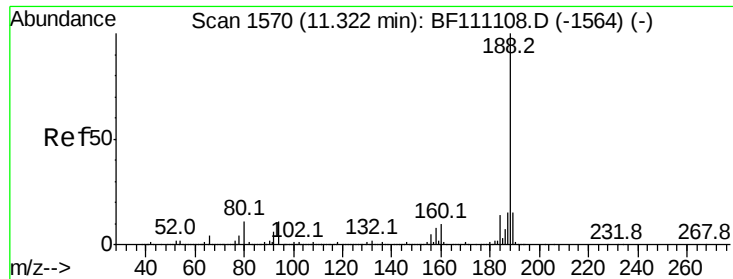
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#50
Dimethylphthalate
Concen: 3.557 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF111161.D
Acq: 7 Dec 2018 1:49

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	9.1	8.9	13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF111161.D

Acq: 7 Dec 2018 1:49

Instrument :

BNA_F

ClientSampleId :

OK-02-120418-B

Tot Ion:188 Resp: 1156126

Ion Ratio Lower Upper

188 100

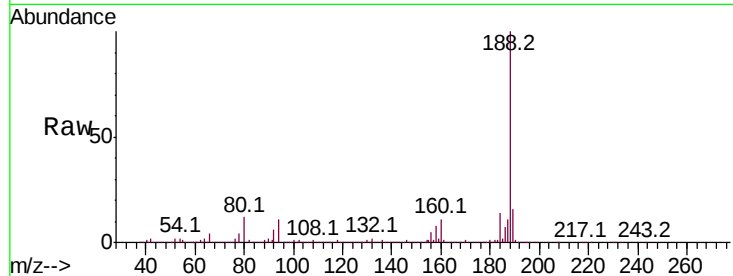
94 11.3 8.5 12.7

80 12.3 9.0 13.6

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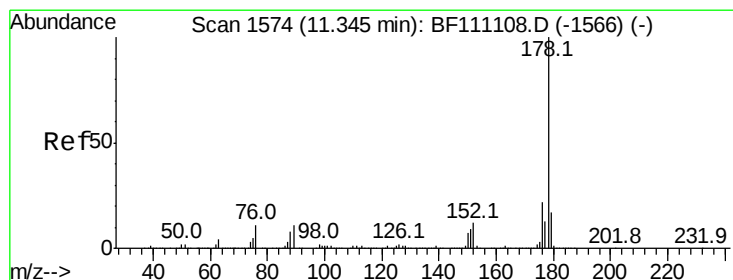
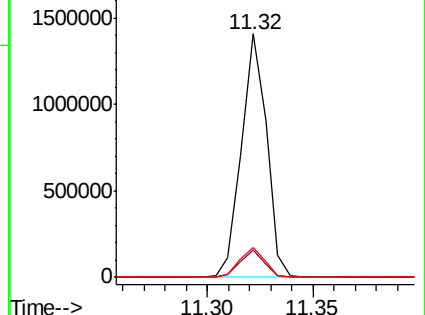
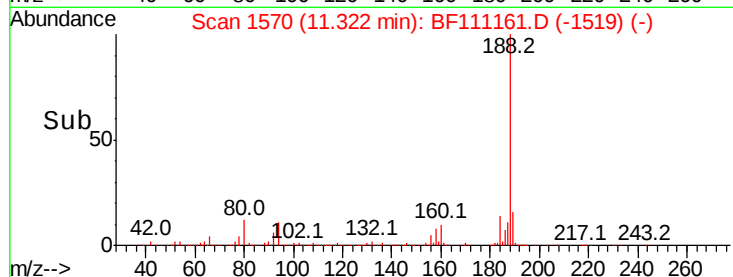
12/10/2018 12:19:17 PM



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: 6.416 ng

RT: 11.35 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BF111161.D

Acq: 7 Dec 2018 1:49

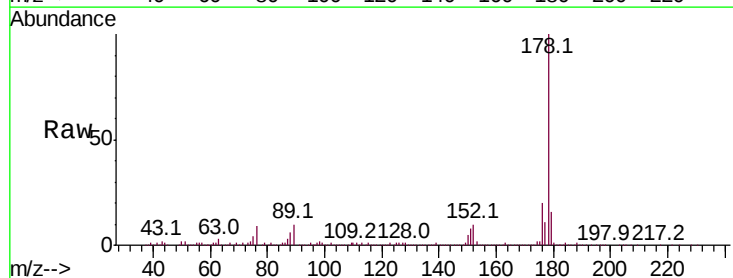
Tgt Ion:178 Resp: 356790

Ion Ratio Lower Upper

178 100

176 19.5 17.7 26.5

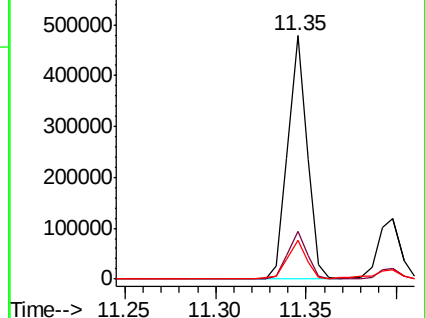
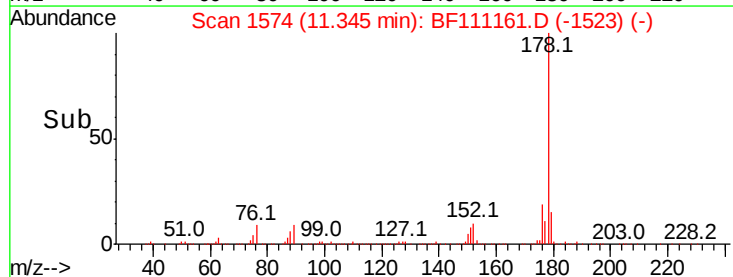
179 15.9 14.0 21.0

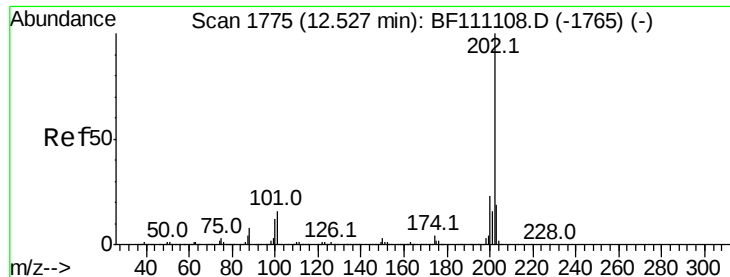


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 9.302 ng

RT: 12.53 min Scan# 1776

Delta R.T. 0.01 min

Lab File: BF111161.D

Acq: 7 Dec 2018 1:49

Instrument :

BNA_F

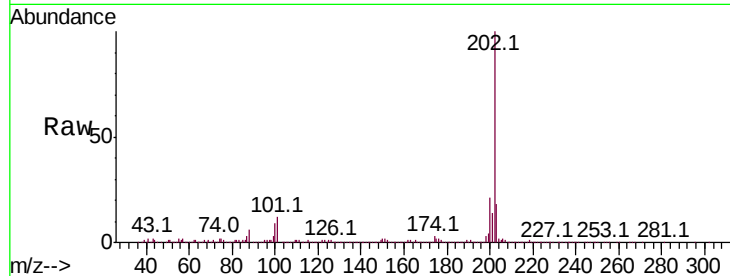
ClientSampleId :

OK-02-120418-B

Tot Ion:	202	Resp:	506214
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	35.8
203	17.6	0.0	38.6

Manual Integrations
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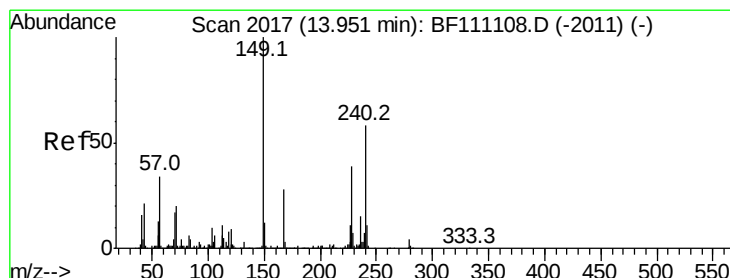
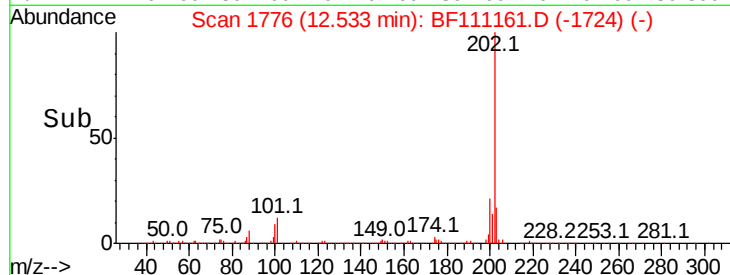
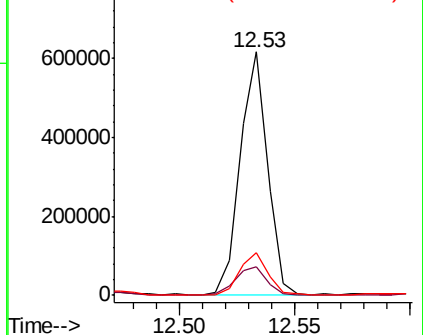


Abundance

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: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF111161.D

Acq: 7 Dec 2018 1:49

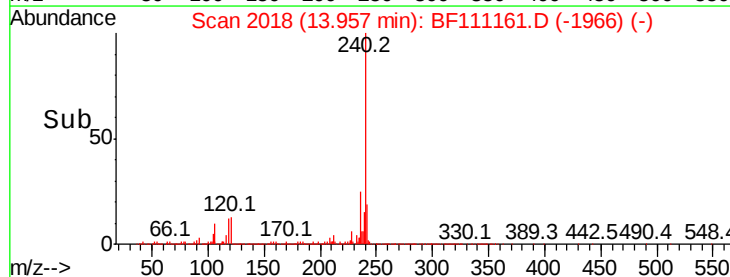
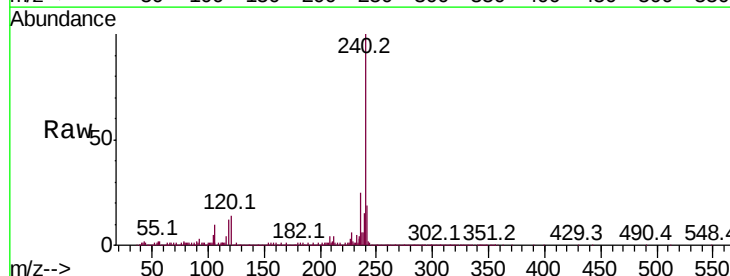
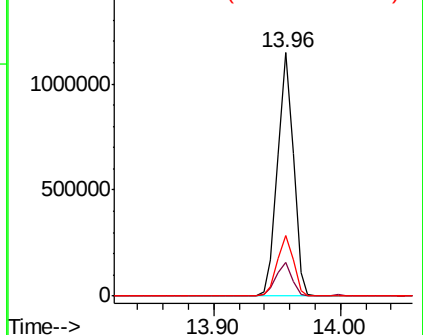
Tgt Ion:	240	Resp:	987071
Ion Ratio	Lower	Upper	
240	100		
120	13.6	12.8	19.2
236	25.0	21.1	31.7

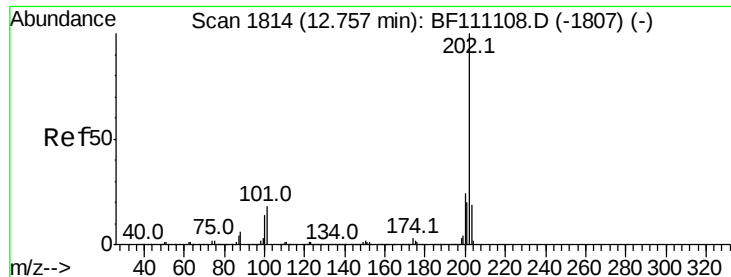
Abundance

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: 8.558 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF111161.D

Acq: 7 Dec 2018 1:49

Instrument :

BNA_F

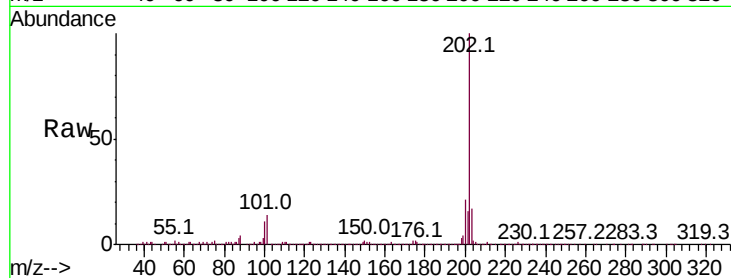
ClientSampleId :

OK-02-120418-B

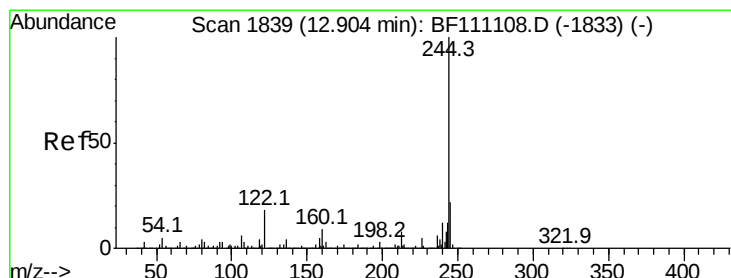
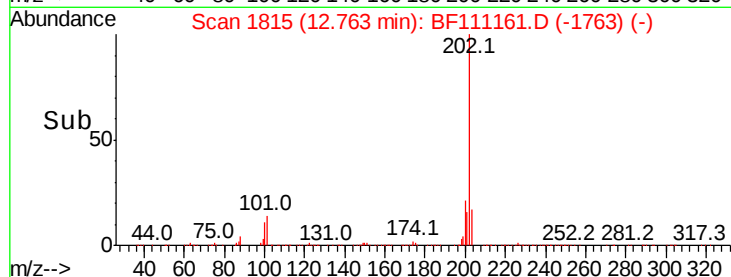
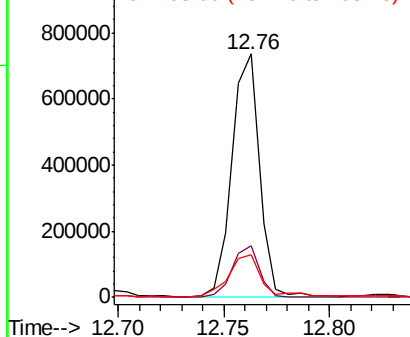
Tot Ion:	202	Resp:	658102
Ion Ratio		Lower	Upper
202	100		
200	21.1	19.3	28.9
203	17.3	15.4	23.2

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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: 25.446 ng

RT: 12.91 min Scan# 1840

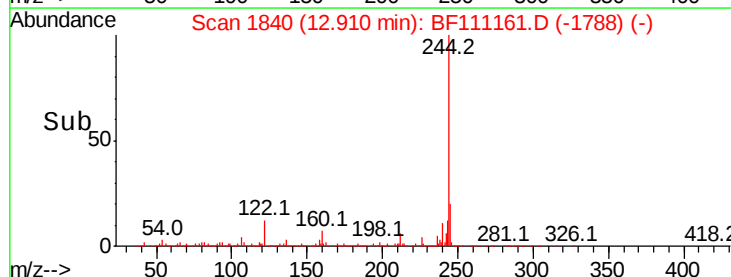
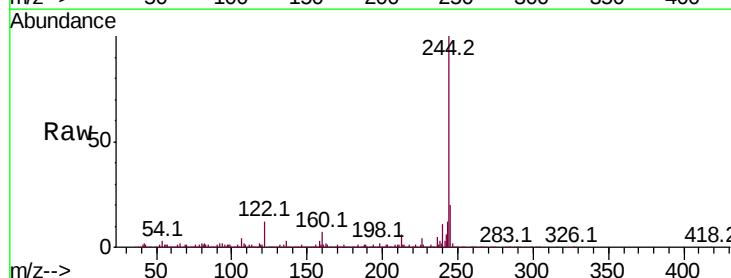
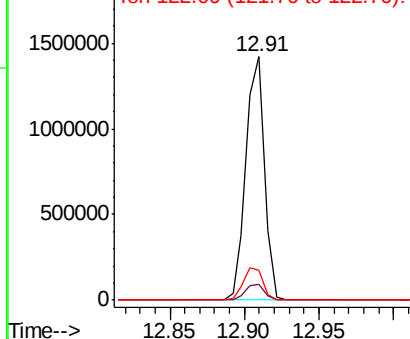
Delta R.T. 0.01 min

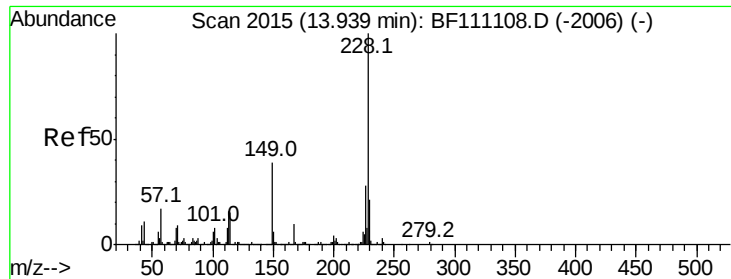
Lab File: BF111161.D

Acq: 7 Dec 2018 1:49

Tgt Ion:	244	Resp:	1226409
Ion Ratio		Lower	Upper
244	100		
212	6.4	6.6	9.8#
122	12.4	14.2	21.2#

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: 5.017 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.01 min

Lab File: BF111161.D

Acq: 7 Dec 2018 1:49

Instrument :

BNA_F

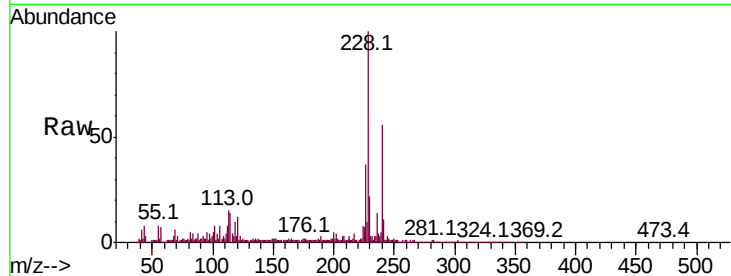
ClientSampleId :

OK-02-120418-B

Tot Ion	Ratio	Lower	Upper
228	100		
226	36.8	22.6	34.0#
229	22.2	16.7	25.1

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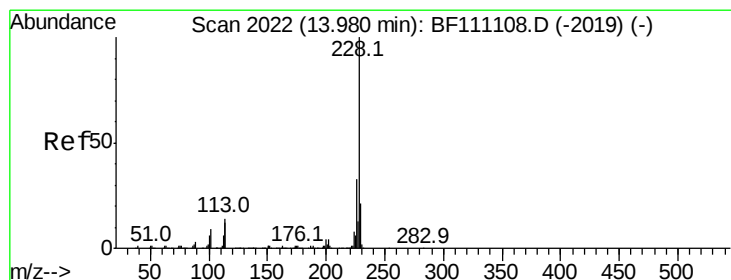
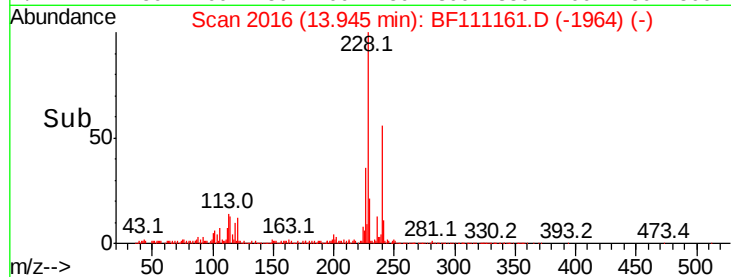
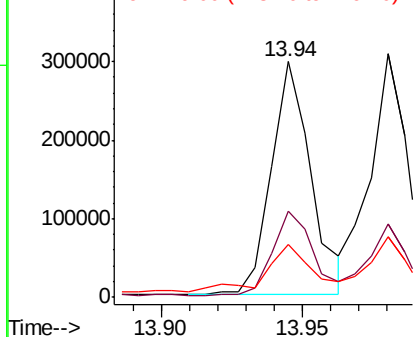


Abundance

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



#83

Chrysene

Concen: 4.939 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BF111161.D

Acq: 7 Dec 2018 1:49

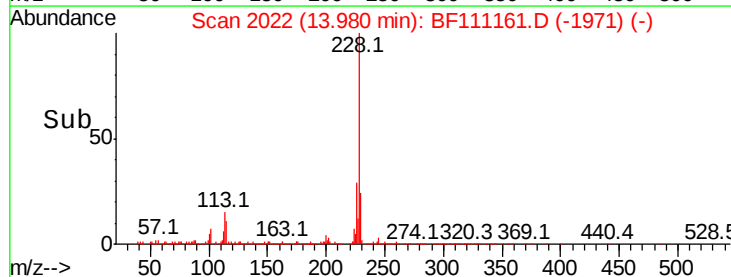
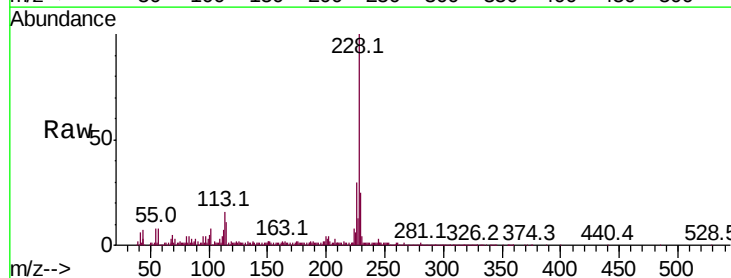
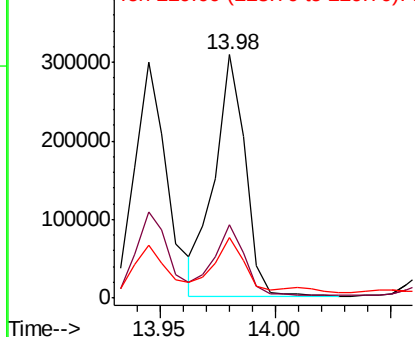
Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	26.2	39.2
229	25.1	16.9	25.3

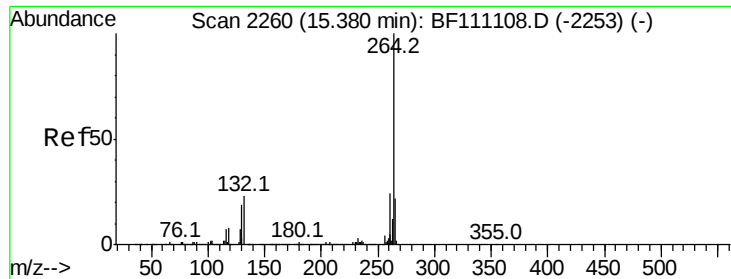
Abundance

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





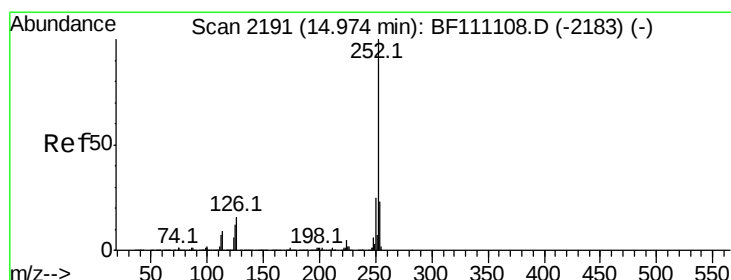
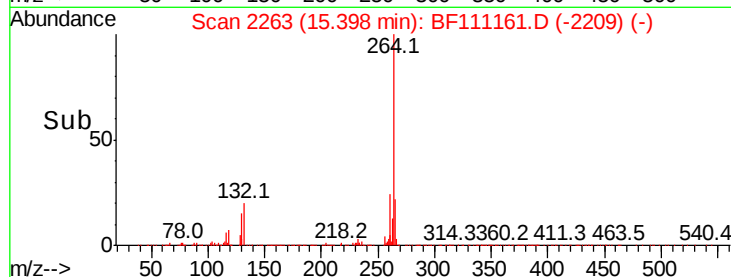
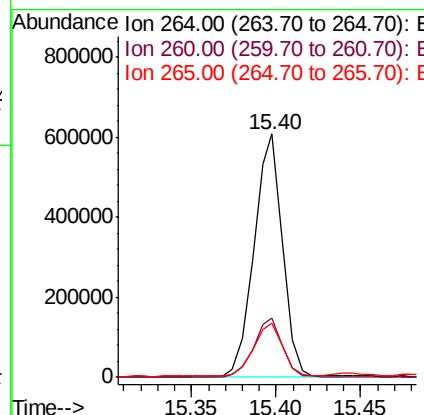
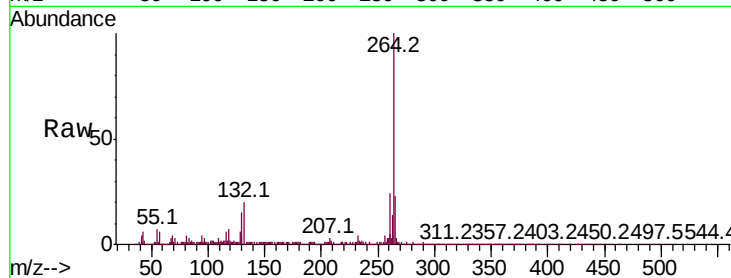
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.02 min
Lab File: BF111161.D
Acq: 7 Dec 2018 1:49

Instrument :
BNA_F
ClientSampleId :
OK-02-120418-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	22.5	17.4	26.0

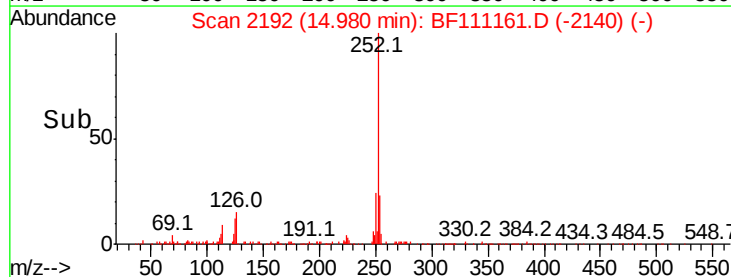
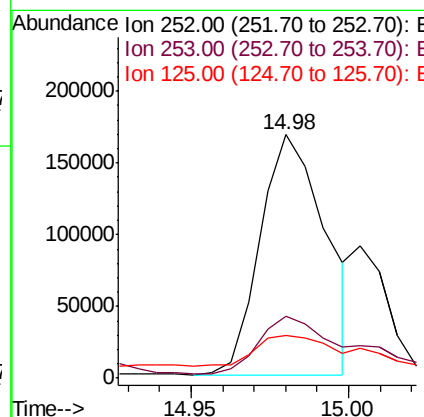
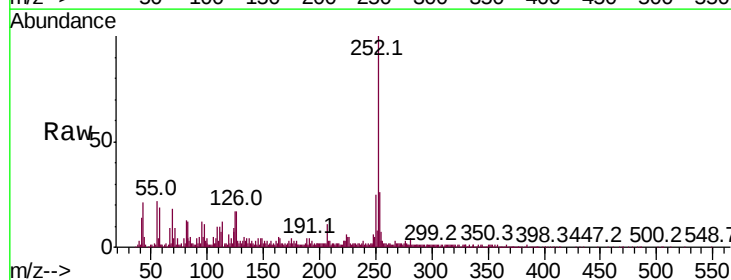
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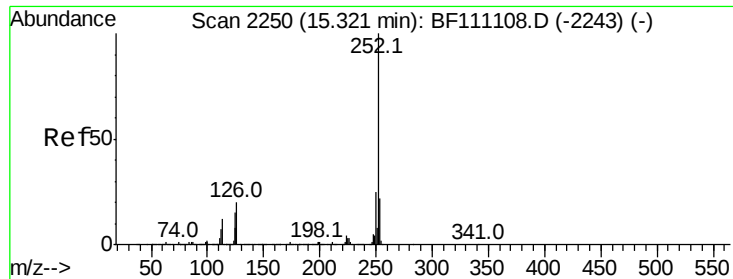
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#88
Benzo(b)fluoranthene
Concen: 6.015 ng m
RT: 14.98 min Scan# 2192
Delta R.T. 0.01 min
Lab File: BF111161.D
Acq: 7 Dec 2018 1:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.5	27.7
125	17.4	9.9	14.9#





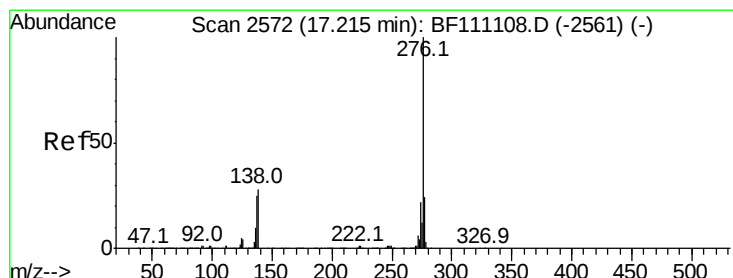
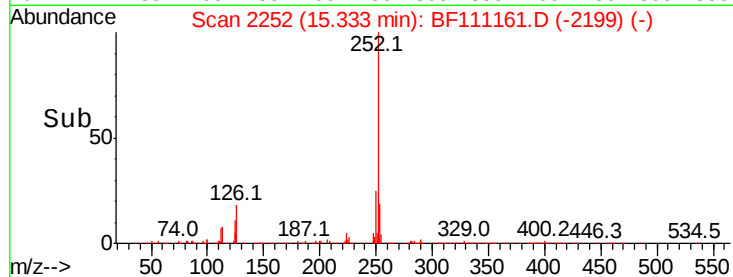
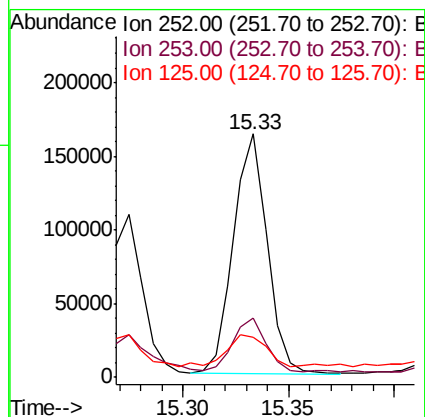
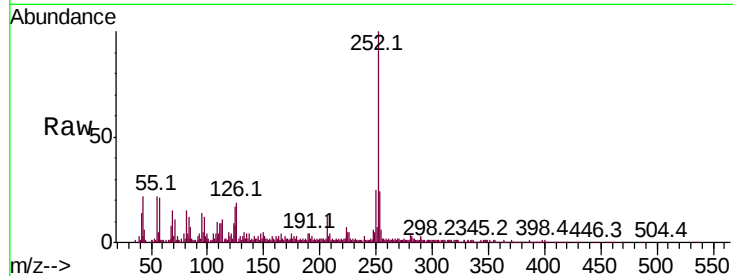
#90
Benzo(a)pyrene
Concen: 4.905 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF111161.D
Acq: 7 Dec 2018 1:49

Instrument :
BNA_F
ClientSampleId :
OK-02-120418-B

Tot Ion:	252	Resp:	180507
Ion Ratio		Lower	Upper
252	100		
253	24.4	17.5	26.3
125	16.7	12.4	18.6

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#92
Benzo(g,h,i)perylene
Concen: 3.168 ng
RT: 17.23 min Scan# 2574
Delta R.T. 0.01 min
Lab File: BF111161.D
Acq: 7 Dec 2018 1:49

Tgt Ion:	276	Resp:	98298
Ion Ratio		Lower	Upper
276	100		
277	24.1	19.3	28.9
138	31.0	22.3	33.5

