

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
 Data File : BF110107.D
 Acq On : 24 Oct 2018 11:41
 Operator : JU/SJ
 Sample : J5610-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(0-2)

Manual Integrations
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 10/25/2018 11:14:03 AM

Quant Time: Oct 25 02:49:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	197546	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	758288	20.00	ng	-0.02
39) Acenaphthene-d10	10.00	164	330000	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	509221	20.00	ng	-0.02
76) Chrysene-d12	14.14	240	352766	20.00	ng	-0.02
87) Perylene-d12	15.67	264	296556	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	1027359	84.69	ng	-0.01
7) Phenol-d6	6.59	99	1376648	88.72	ng	-0.02
23) Nitrobenzene-d5	7.53	82	857472	67.07	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	187501	57.36	ng	-0.02
45) 2-Fluorobiphenyl	9.32	172	1450904	69.04	ng	-0.02
79) Terphenyl-d14	13.08	244	1002211	59.08	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.60	94	139769	8.427	ng	# 61
50) Dimethylphthalate	9.71	163	263248	10.807	ng	99
71) Phenanthrene	11.52	178	191333	7.181	ng	98
72) Anthracene	11.57	178	66718	2.498	ng	99
75) Fluoranthene	12.71	202	350659	12.967	ng	99
78) Pyrene	12.94	202	329116	13.014	ng	98
81) Benzo(a)anthracene	14.13	228	182427	8.720	ng	96
83) Chrysene	14.17	228	148518	7.475	ng	98
84) Bis(2-ethylhexyl)phthalate	14.11	149	463878	31.261	ng	# 94
86) Indeno(1,2,3-cd)pyrene	17.22	276	71668	4.348	ng	97
88) Benzo(b)fluoranthene	15.22	252	195244m	11.401	ng	
89) Benzo(k)fluoranthene	15.24	252	71396m	4.241	ng	
90) Benzo(a)pyrene	15.60	252	128461	8.152	ng	# 95
92) Benzo(a,h,i)perylene	17.70	276	69103	5.158	ng	97

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

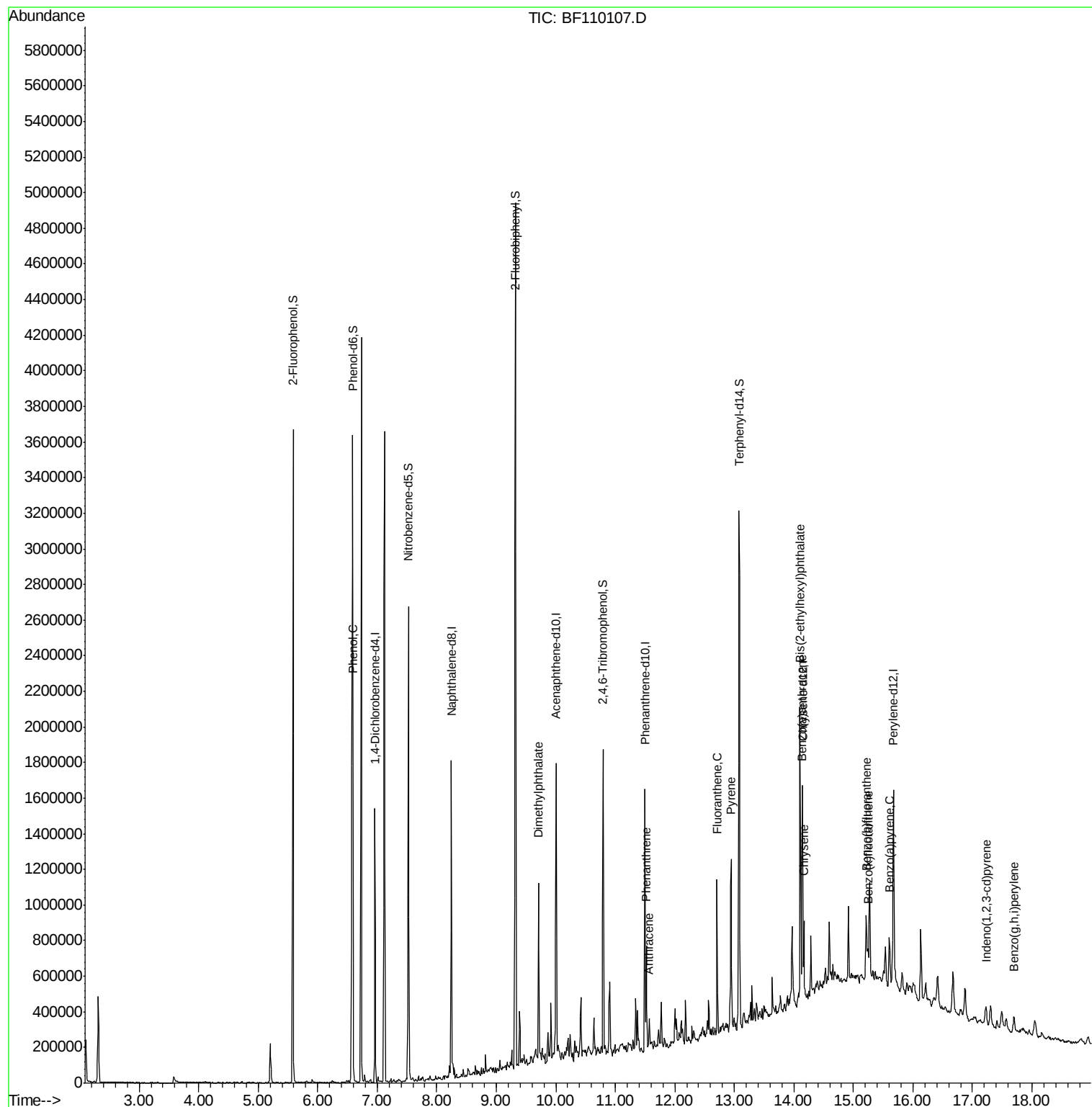
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
Data File : BF110107.D
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Sample : J5610-01
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ALS Vial : 6 Sample Multiplier: 1

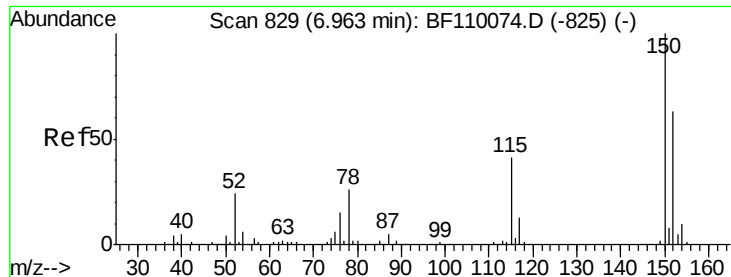
Instrument :
BNA_F
ClientSampleId :
SB-1(0-2)

Quant Time: Oct 25 02:49:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
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#1

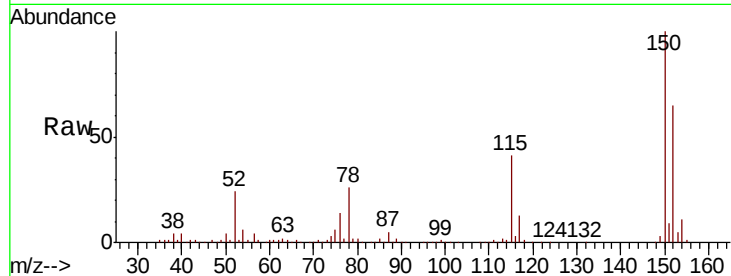
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF110107.D
Acq: 24 Oct 2018 11:41

Instrument :
BNA_F
ClientSampleId :
SB-1(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	122.7	184.1
115	63.0	49.1	73.7

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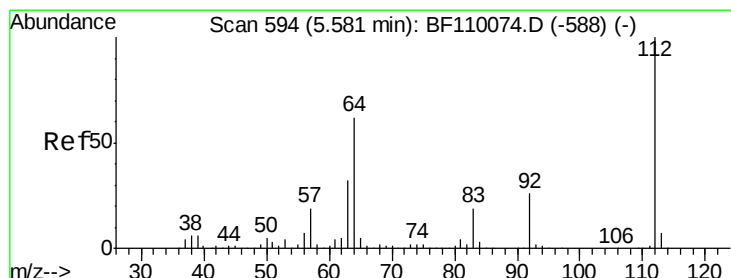
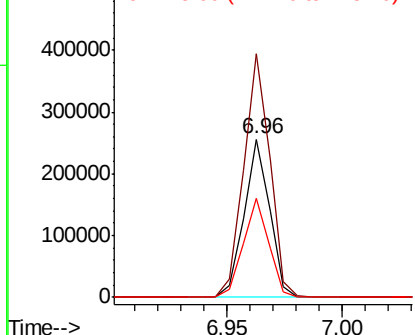
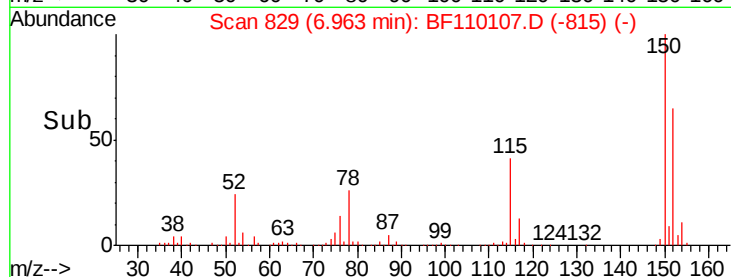


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

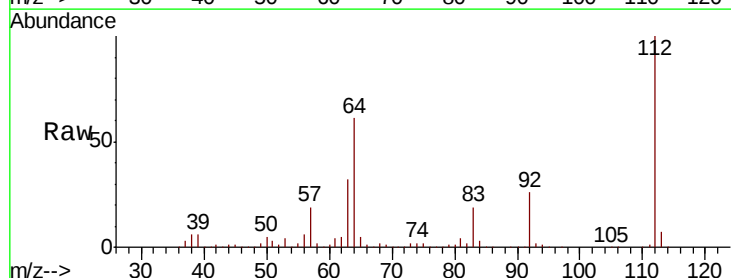
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 84.689 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110107.D
Acq: 24 Oct 2018 11:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.9	44.1	66.1
63	32.2	23.7	35.5

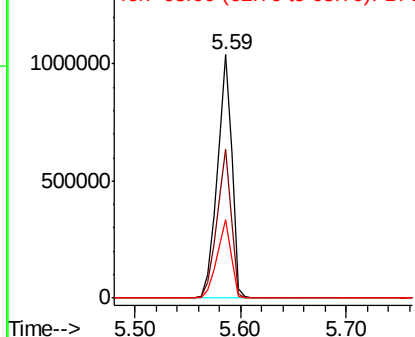
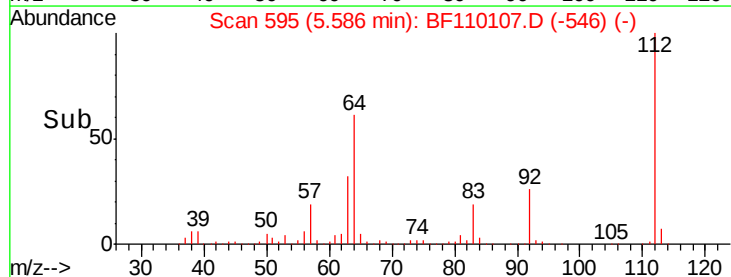


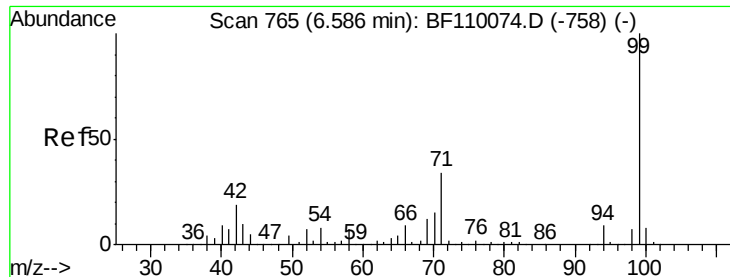
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 88.722 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110107.D

Acq: 24 Oct 2018 11:41

Instrument :

BNA_F

ClientSampled :

SB-1(0-2)

Tot Ion: 99 Resp: 1376648

Ion Ratio Lower Upper

99 100

42 19.8 15.8 23.6

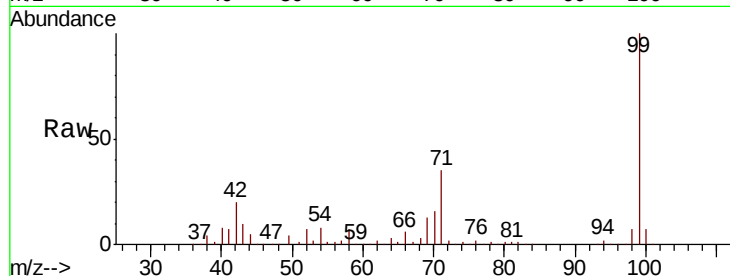
71 35.3 28.0 42.0

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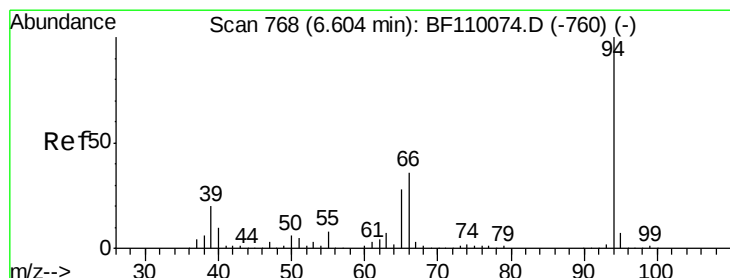
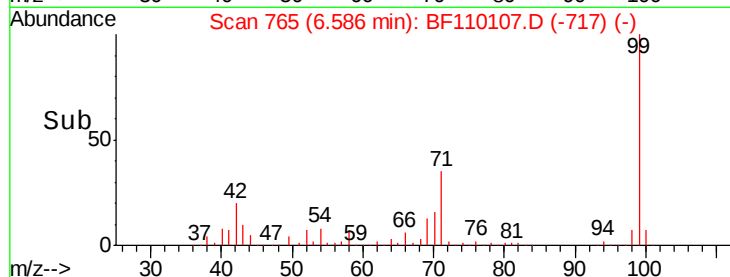
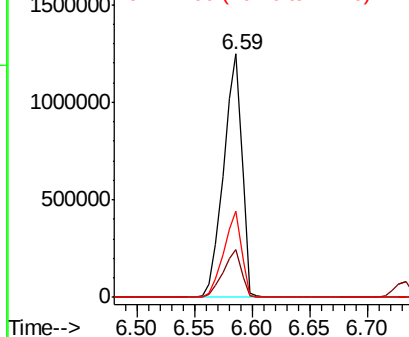
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 8.427 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF110107.D

Acq: 24 Oct 2018 11:41

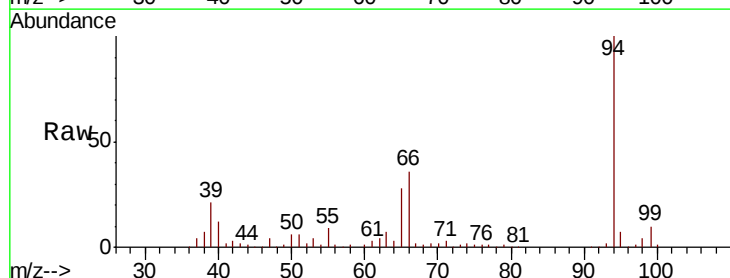
Tgt Ion: 94 Resp: 139769

Ion Ratio Lower Upper

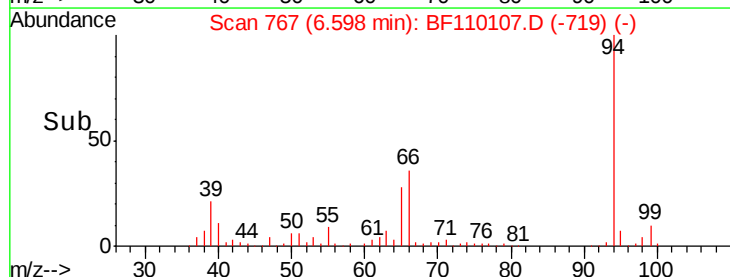
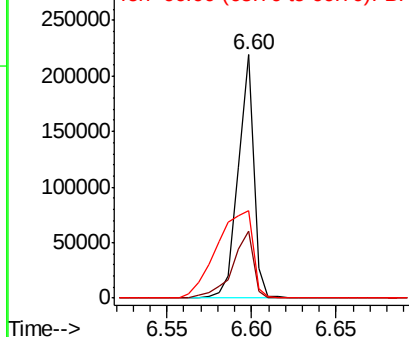
94 100

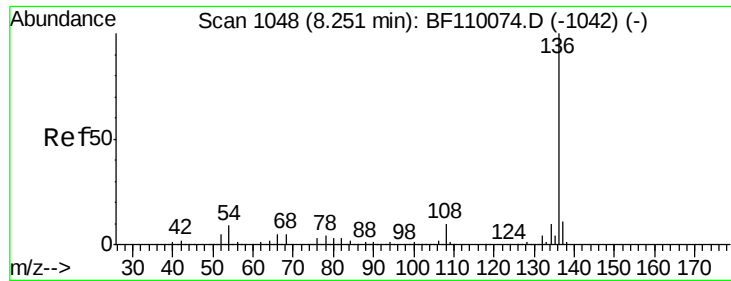
65 27.7 25.3 65.3

66 35.8 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
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: 8.25 min Scan# 1047

Delta R.T. -0.02 min

Lab File: BF110107.D

Acq: 24 Oct 2018 11:41

Instrument :

BNA_F

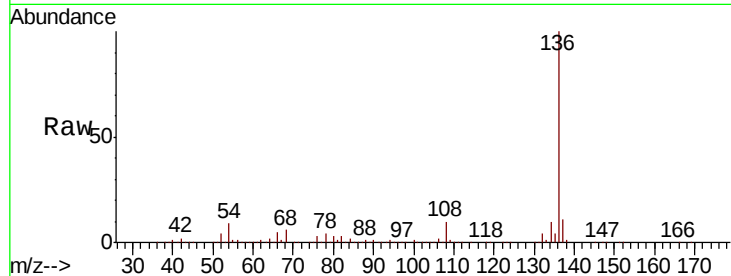
ClientSampleId :

SB-1(0-2)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		758288		
137	11.1		8.8	13.2	
54	8.6		5.4	8.2#	
68	5.9		4.2	6.2	

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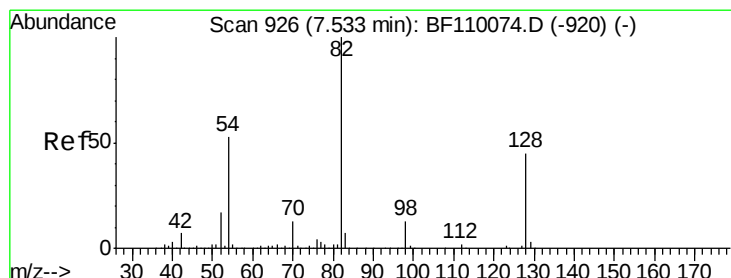
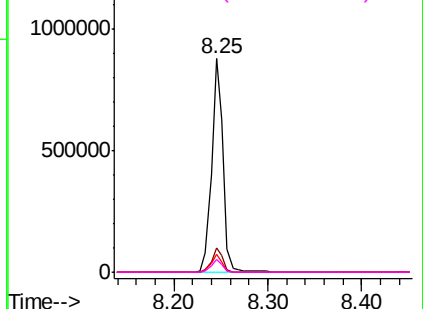
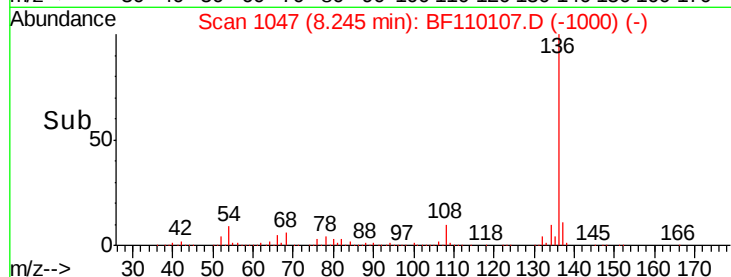


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 67.071 ng

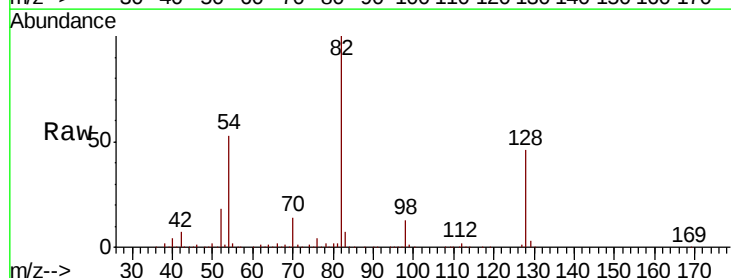
RT: 7.53 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF110107.D

Acq: 24 Oct 2018 11:41

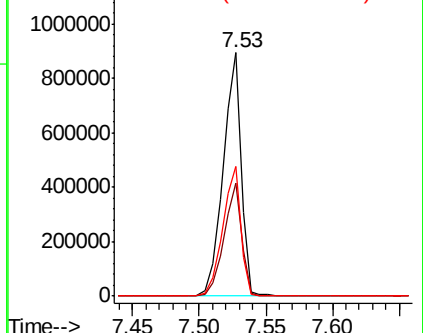
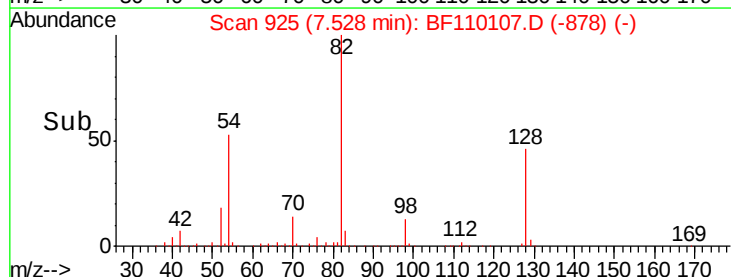
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		857472		
128	46.4		34.2	51.2	
54	53.2		38.6	58.0	

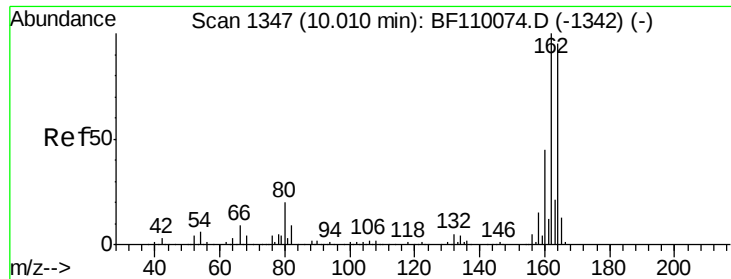


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





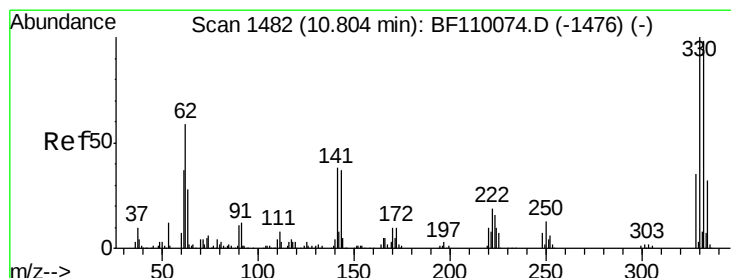
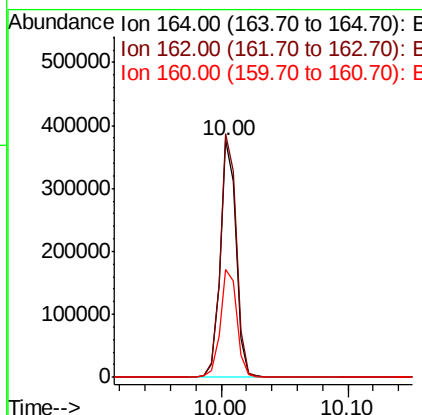
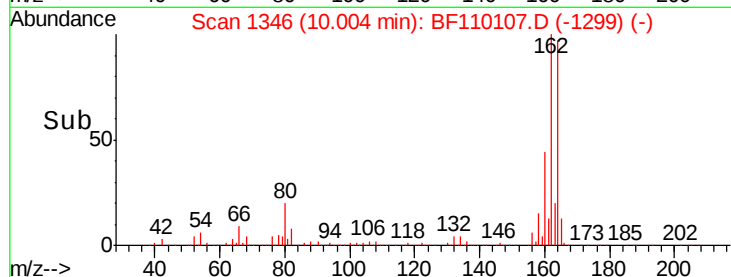
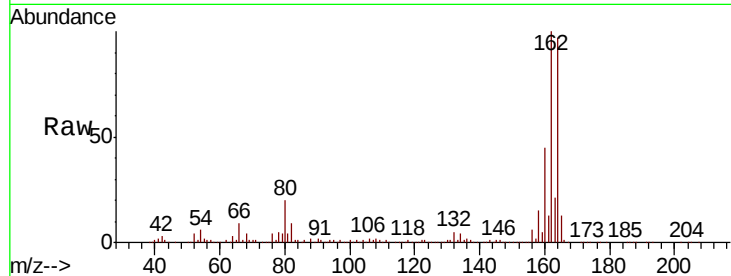
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BF110107.D
Acq: 24 Oct 2018 11:41

Instrument :
BNA_F
ClientSampleId :
SB-1(0-2)

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.0	124.6
160	45.8	37.0	55.6

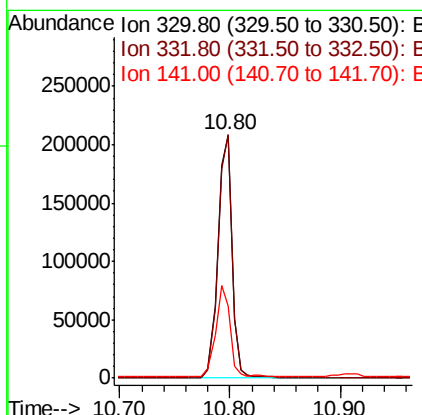
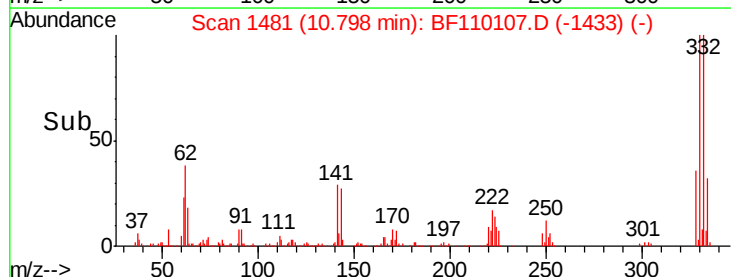
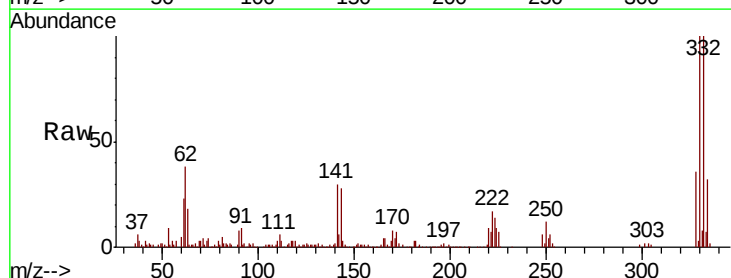
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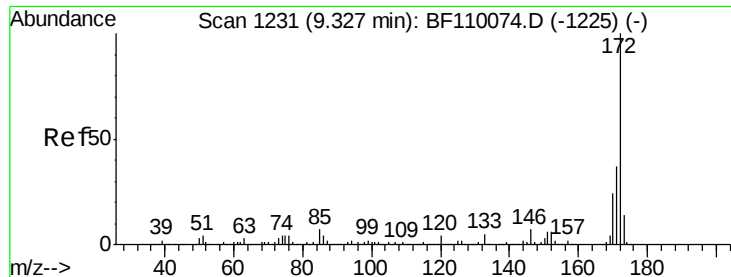
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#42
2,4,6-Tribromophenol
Concen: 57.360 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BF110107.D
Acq: 24 Oct 2018 11:41

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.1	115.7
141	38.3	27.0	40.4





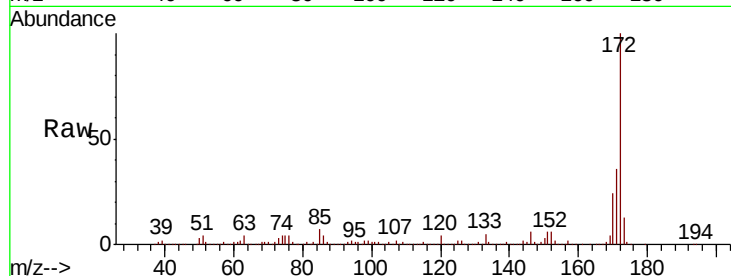
#45
2-Fluorobiphenyl
Concen: 69.039 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF110107.D
Acq: 24 Oct 2018 11:41

Instrument :
BNA_F
ClientSampleId :
SB-1(0-2)

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.0	19.7	29.5

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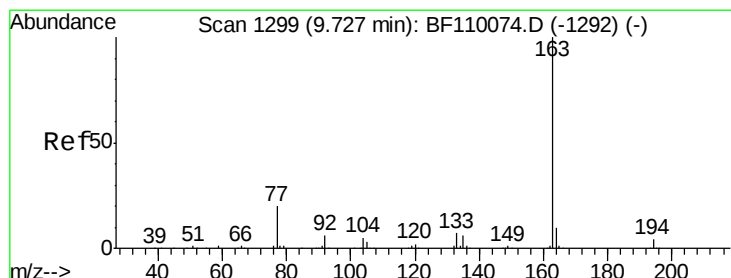
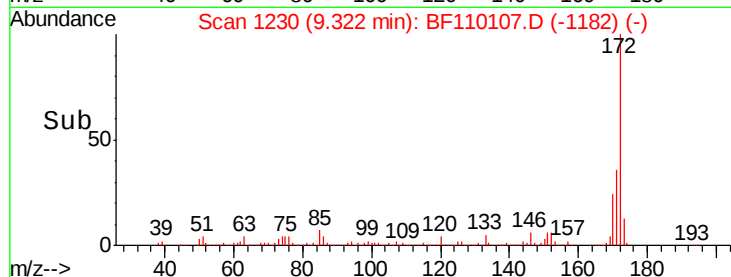
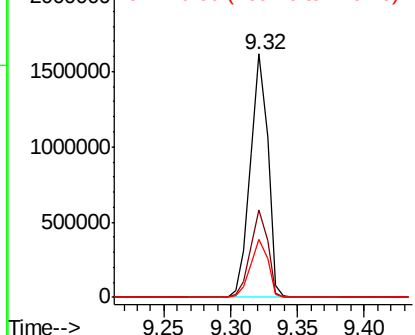


Abundance

Ion 172.00 (171.70 to 172.70): E

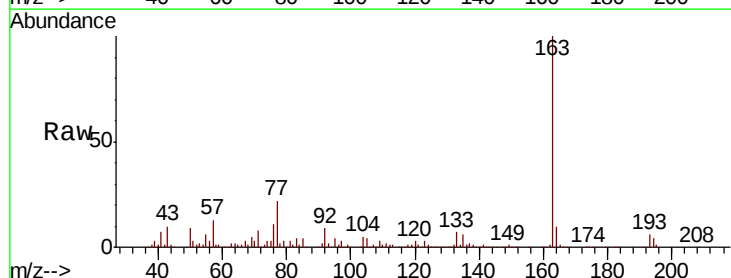
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 10.807 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.03 min
Lab File: BF110107.D
Acq: 24 Oct 2018 11:41

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.2	4.8
164	10.3	8.1	12.1

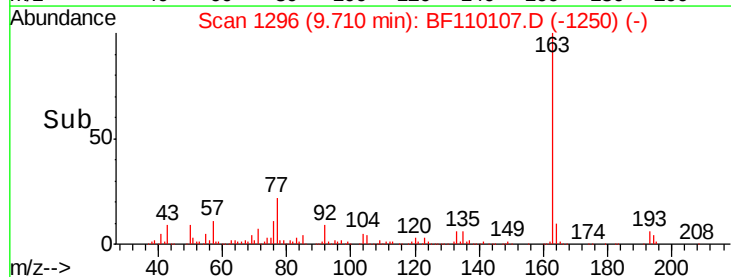
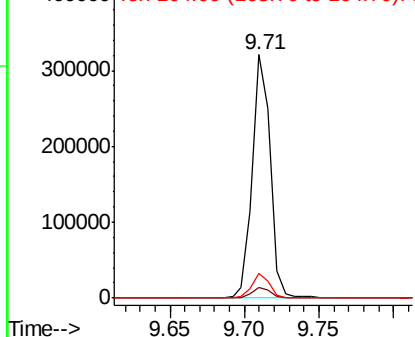


Abundance

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





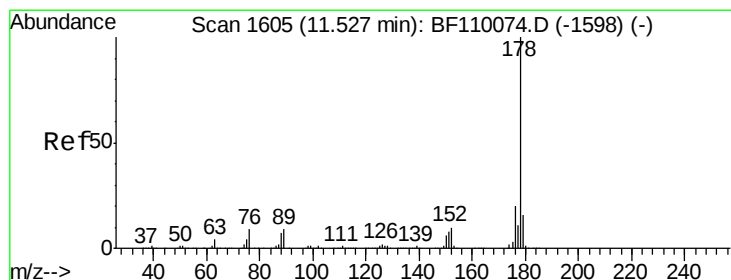
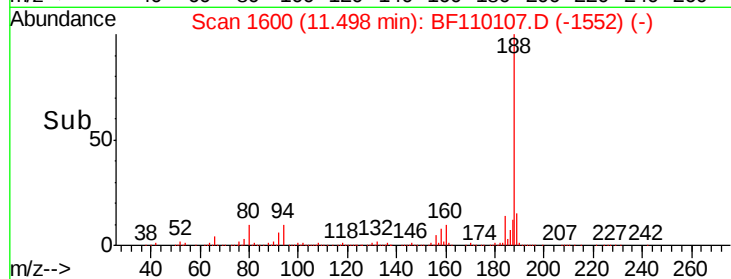
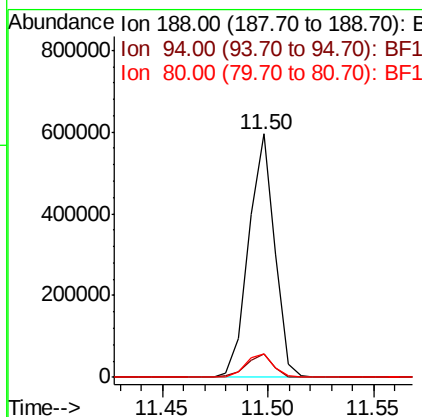
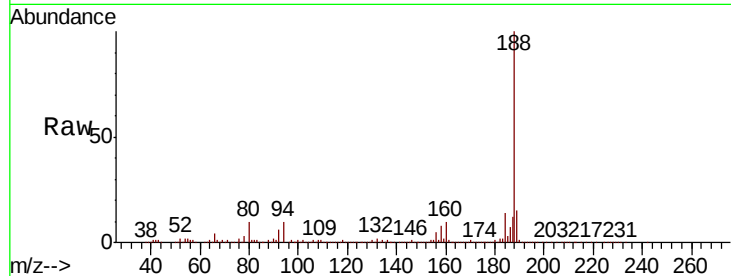
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF110107.D
Acq: 24 Oct 2018 11:41

Instrument :
BNA_F
ClientSampleId :
SB-1(0-2)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.7	7.2	10.8
80	9.6	7.9	11.9

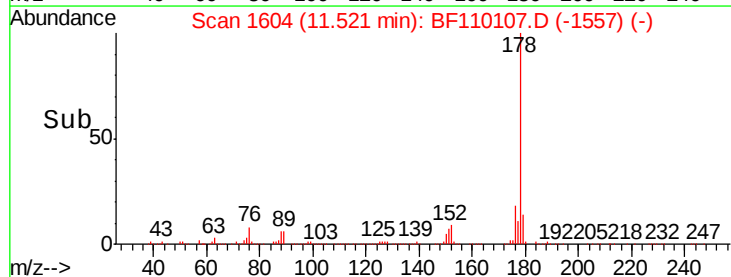
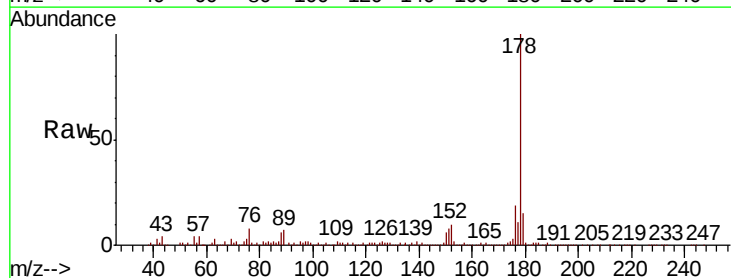
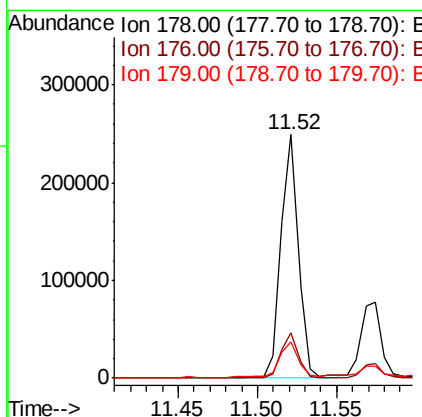
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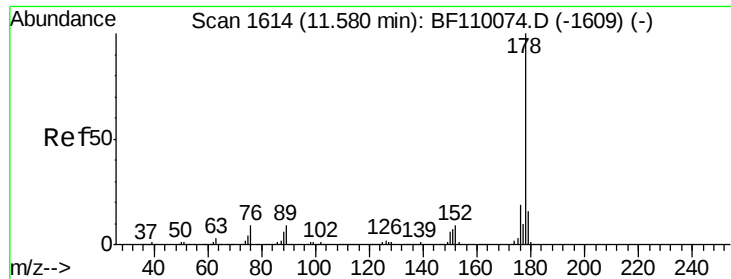
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#71
Phenanthrene
Concen: 7.181 ng
RT: 11.52 min Scan# 1604
Delta R.T. -0.02 min
Lab File: BF110107.D
Acq: 24 Oct 2018 11:41

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.5	15.5	23.3
179	14.8	12.5	18.7





#72

Anthracene

Concen: 2.498 ng

RT: 11.57 min Scan# 1613

Delta R.T. -0.02 min

Lab File: BF110107.D

Acq: 24 Oct 2018 11:41

Instrument :

BNA_F

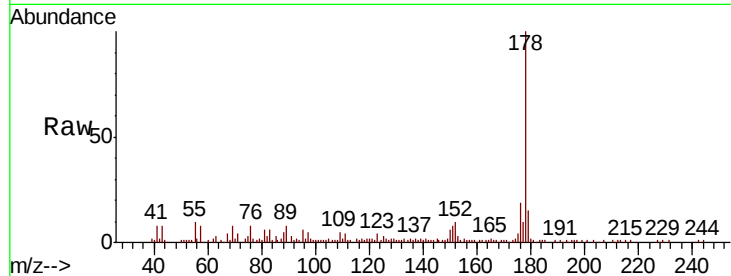
ClientSampleId :

SB-1(0-2)

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	18.5	15.4	23.2	
179	15.5	12.6	18.8	

Manual Integrations
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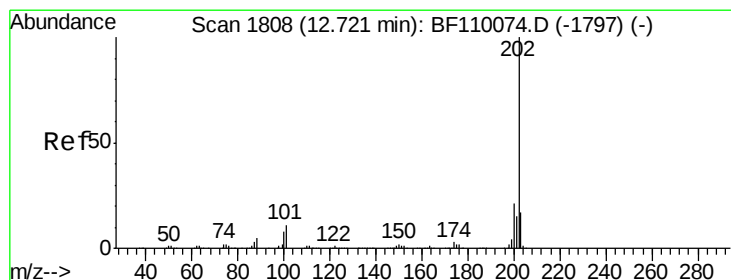
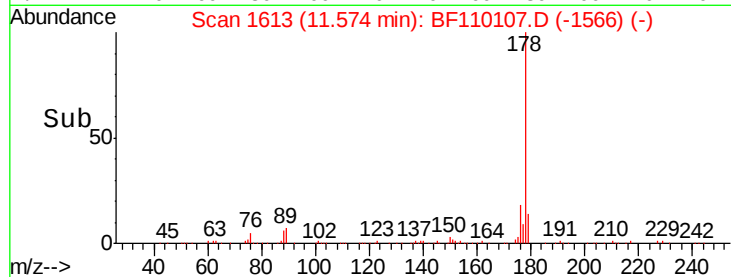
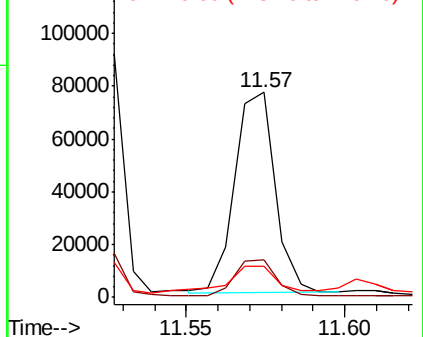


Abundance

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: 12.967 ng

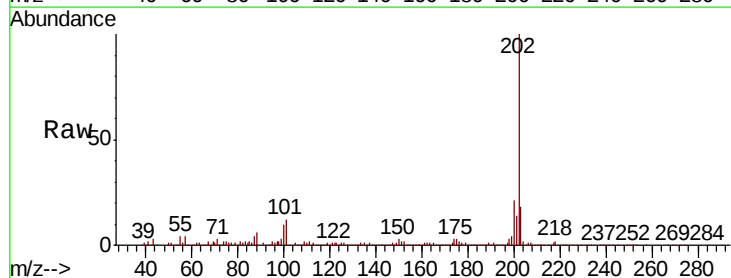
RT: 12.71 min Scan# 1806

Delta R.T. -0.02 min

Lab File: BF110107.D

Acq: 24 Oct 2018 11:41

Tgt Ion	Ion	Ratio	Lower	Upper
202	100			
101	12.2	0.0	31.4	
203	17.6	0.0	37.7	

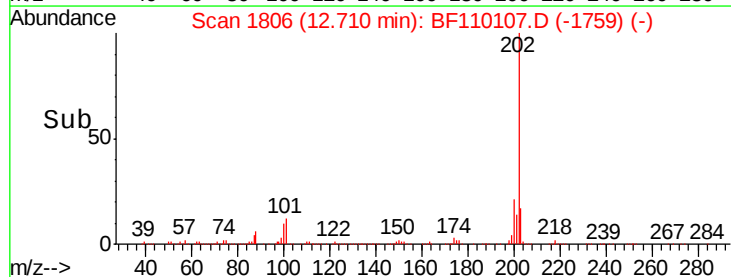
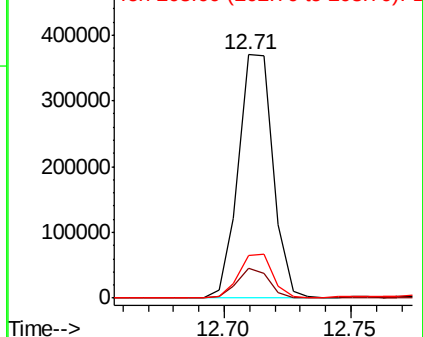


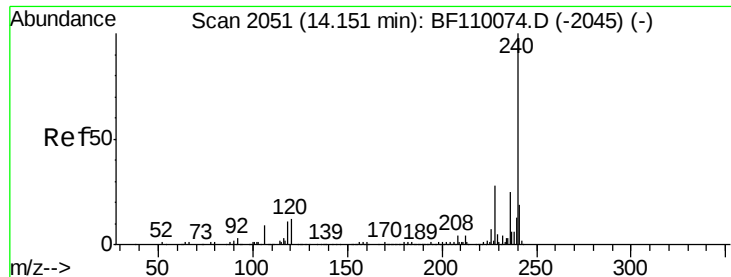
Abundance

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: 14.14 min Scan# 2050

Delta R.T. -0.02 min

Lab File: BF110107.D

Acq: 24 Oct 2018 11:41

Instrument :

BNA_F

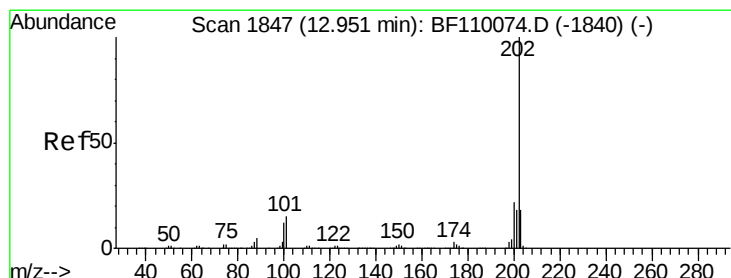
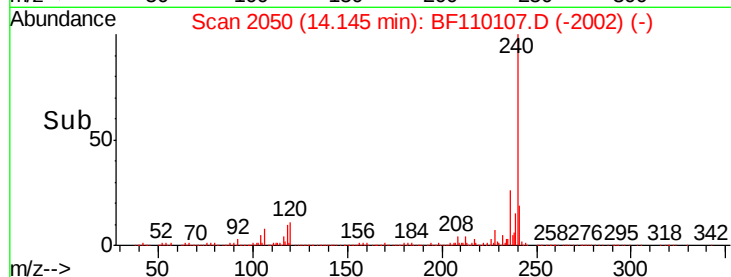
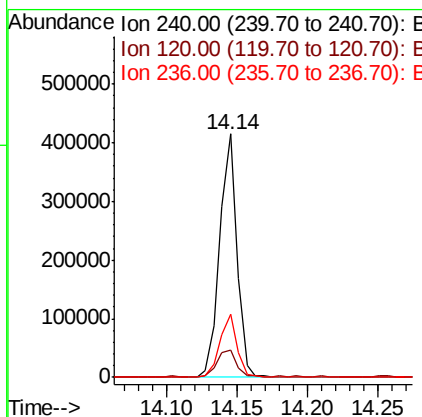
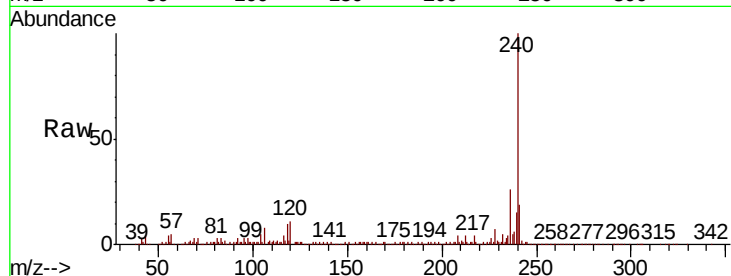
ClientSampleId :

SB-1(0-2)

Tot Ion:	240	Resp:	352766
Ion Ratio	Lower	Upper	
240	100		
120	11.4	8.3	12.5
236	26.1	21.2	31.8

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#78

Pyrene

Concen: 13.014 ng

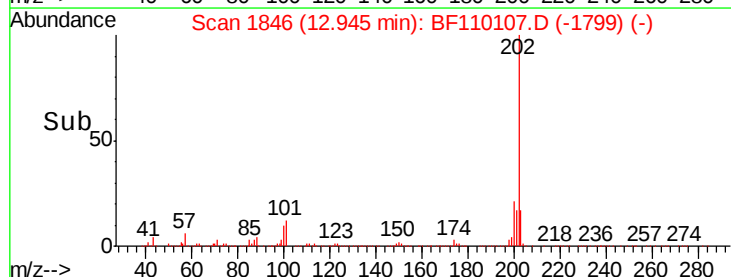
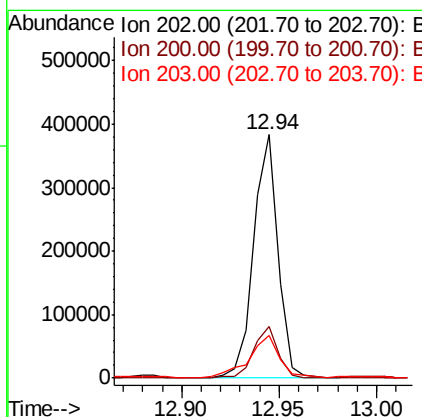
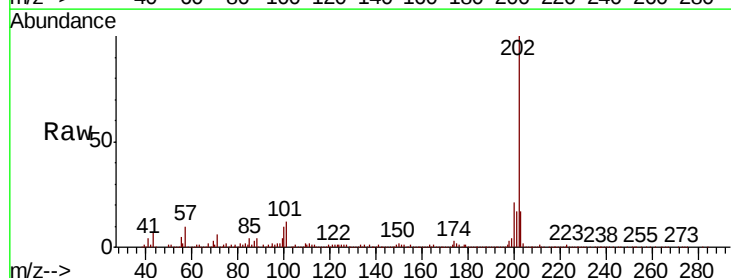
RT: 12.94 min Scan# 1846

Delta R.T. -0.02 min

Lab File: BF110107.D

Acq: 24 Oct 2018 11:41

Tgt Ion:	202	Resp:	329116
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.8	26.6
203	17.4	14.2	21.4





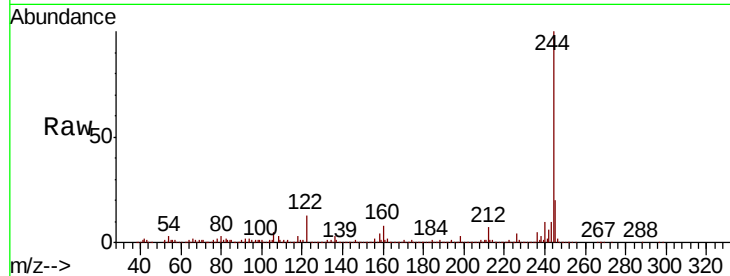
#79
 Terphenyl-d14
 Concen: 59.085 ng
 RT: 13.08 min Scan# 1869
 Delta R.T. -0.02 min
 Lab File: BF110107.D
 Acq: 24 Oct 2018 11:41

Instrument :
 BNA_F
 ClientSampled :
 SB-1(0-2)

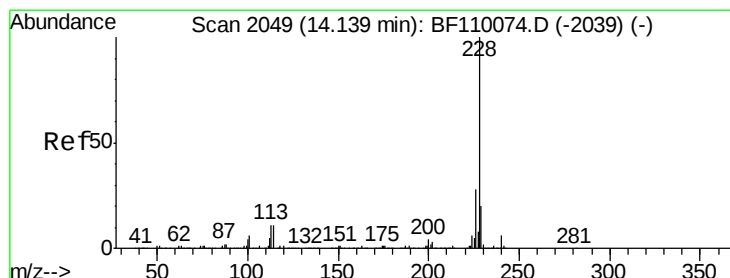
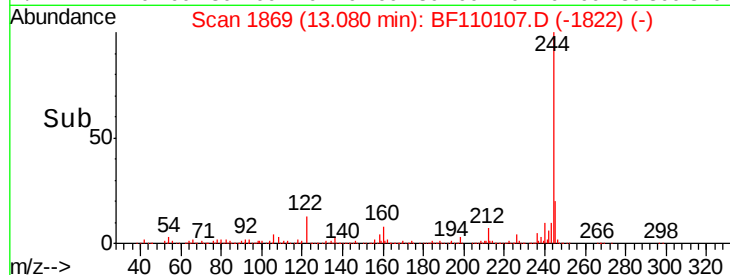
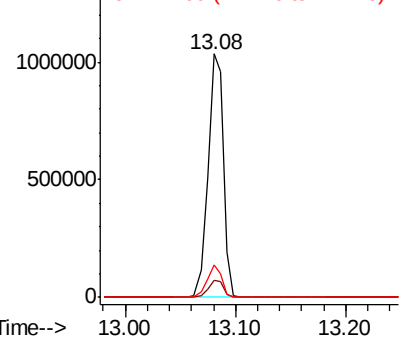
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	13.4	8.7	13.1

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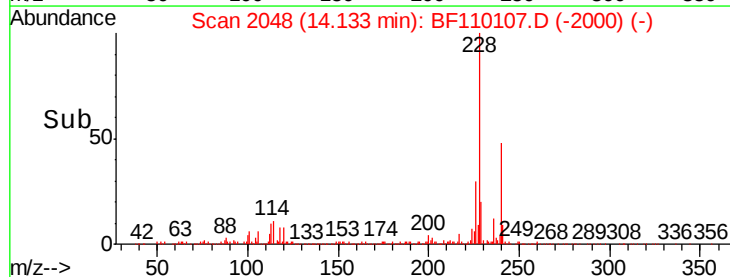
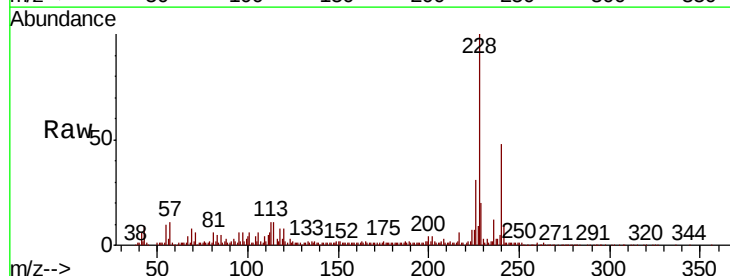
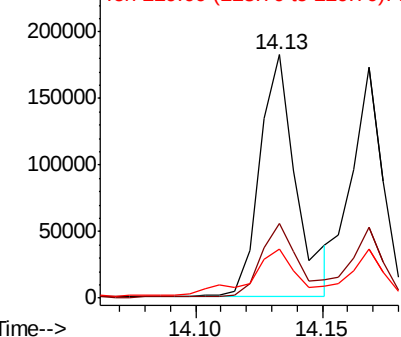
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

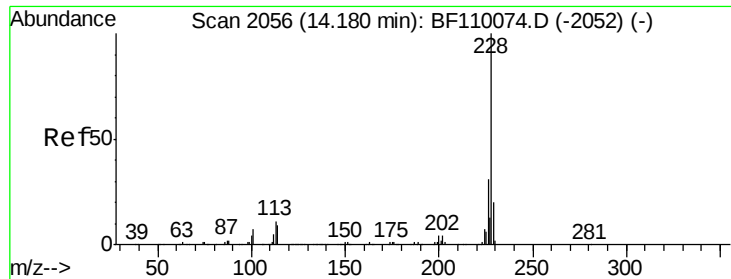


#81
 Benzo(a)anthracene
 Concen: 8.720 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.02 min
 Lab File: BF110107.D
 Acq: 24 Oct 2018 11:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.1	33.1
229	20.3	15.6	23.4

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





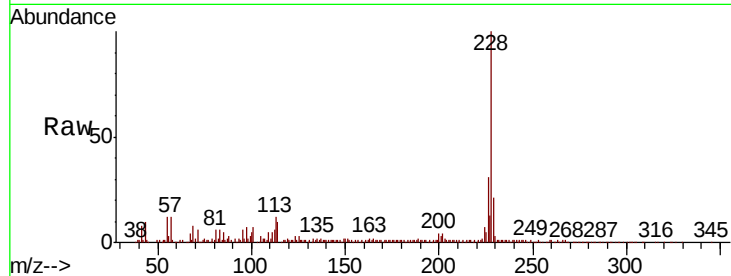
#83
Chrysene
Concen: 7.475 ng
RT: 14.17 min Scan# 2054
Delta R.T. -0.02 min
Lab File: BF110107.D
Acq: 24 Oct 2018 11:41

Instrument :
BNA_F
ClientSampled :
SB-1(0-2)

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.7	37.1
229	21.5	15.9	23.9

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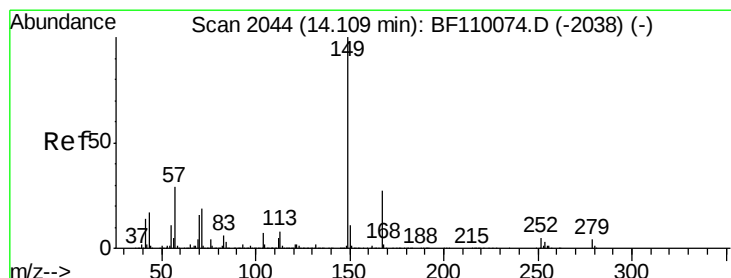
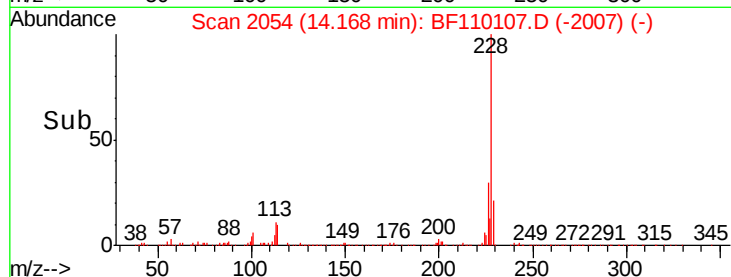
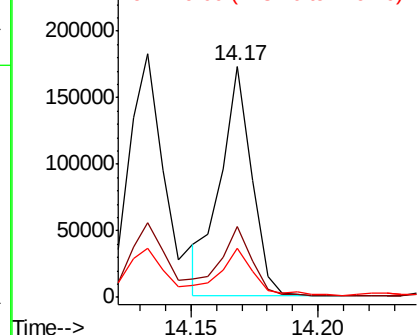


Abundance

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



#84
Bis(2-ethylhexyl)phthalate
Concen: 31.261 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.02 min
Lab File: BF110107.D
Acq: 24 Oct 2018 11:41

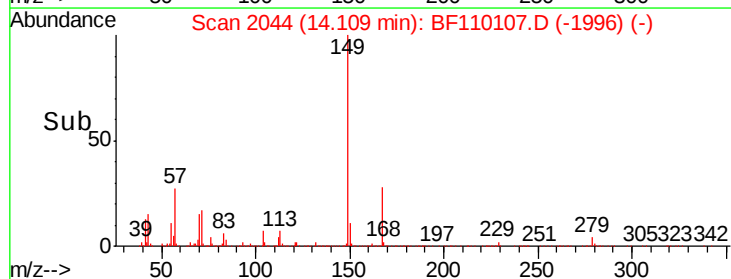
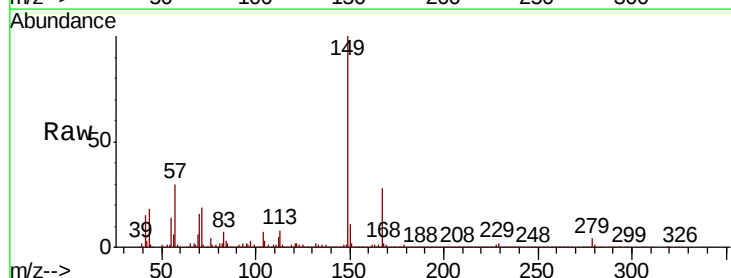
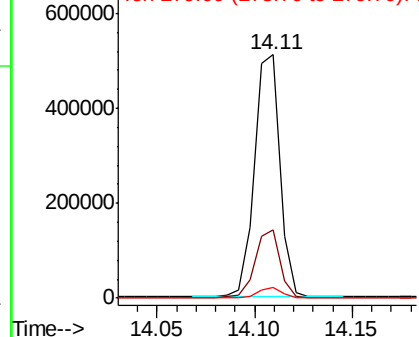
Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	19.8	29.8
279	4.1	2.7	4.1#

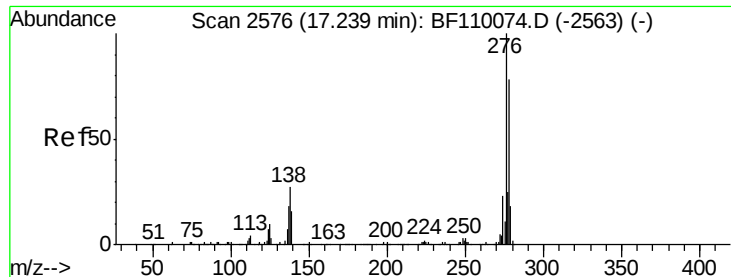
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





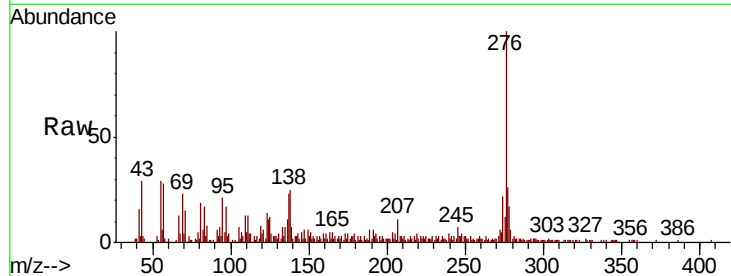
#86
Indeno(1,2,3-cd)pyrene
Concen: 4.348 ng
RT: 17.22 min Scan# 2573
Delta R.T. -0.04 min
Lab File: BF110107.D
Acq: 24 Oct 2018 11:41

Instrument :
BNA_F
ClientSampleID :
SB-1(0-2)

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.4	18.5	27.7
277	25.8	20.0	30.0

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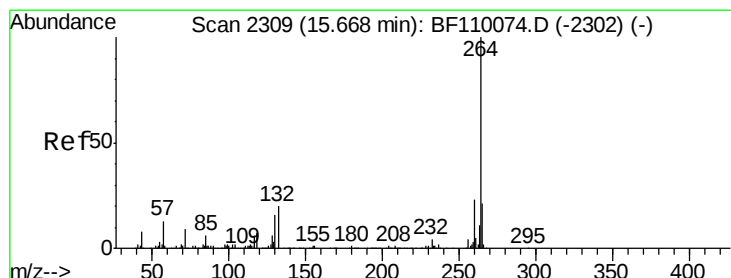
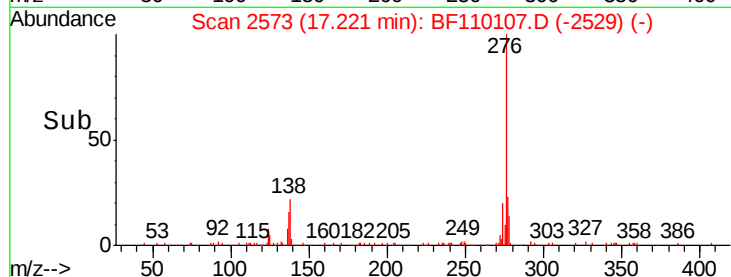
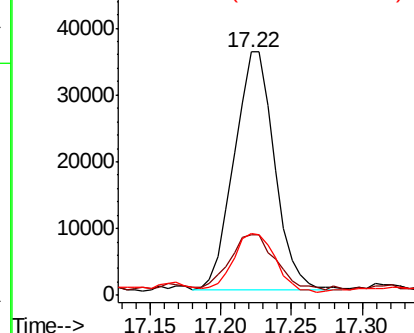


Abundance

Ion 276.00 (275.70 to 276.70): E

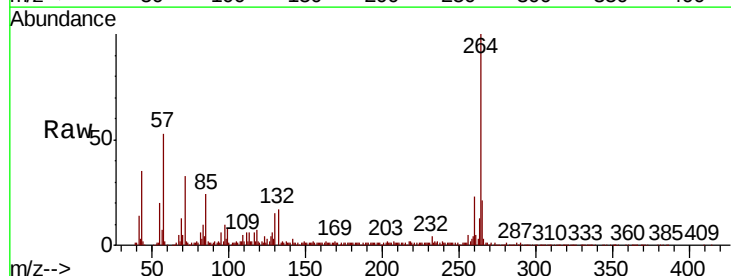
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. -0.02 min
Lab File: BF110107.D
Acq: 24 Oct 2018 11:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	21.0	16.7	25.1

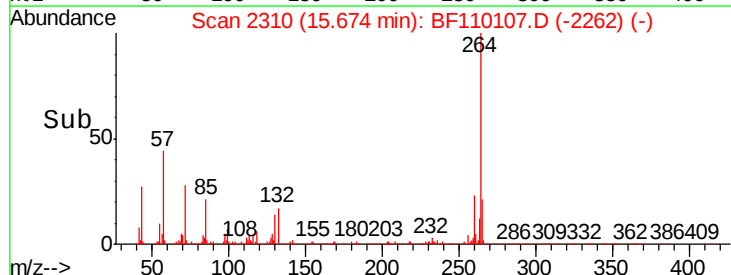
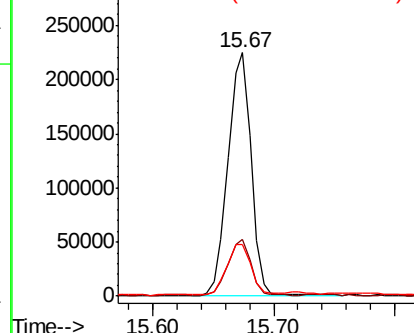


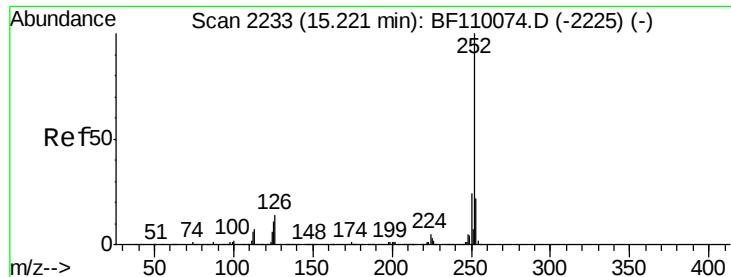
Abundance

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





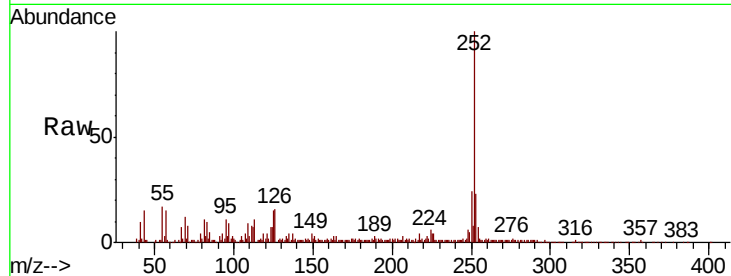
#88
Benzo(b)fluoranthene
Concen: 11.401 ng m
RT: 15.22 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BF110107.D
Acq: 24 Oct 2018 11:41

Instrument :
BNA_F
ClientSampleId :
SB-1(0-2)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	14.7	8.2	12.4

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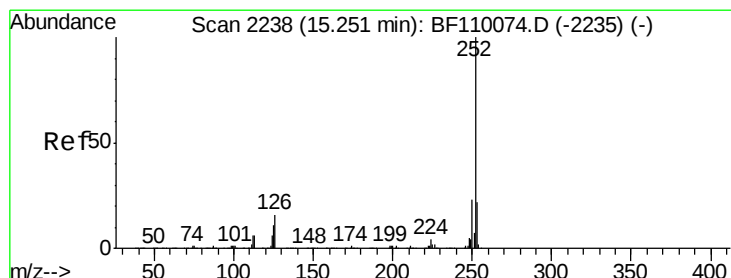
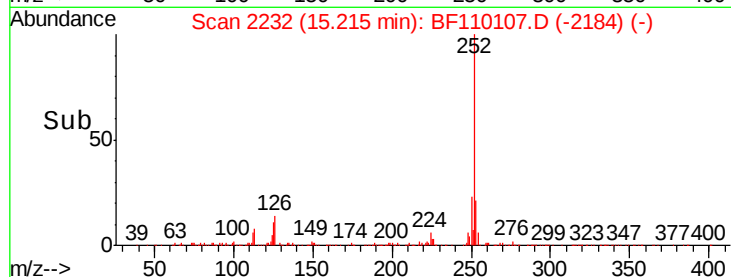
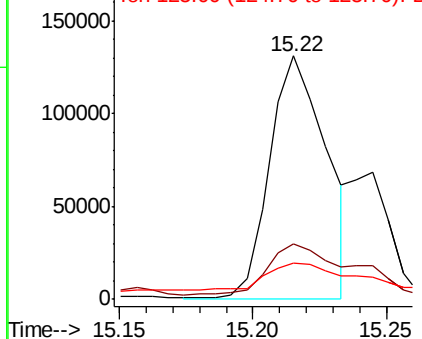


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89
Benzo(k)fluoranthene
Concen: 4.241 ng m
RT: 15.24 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BF110107.D
Acq: 24 Oct 2018 11:41

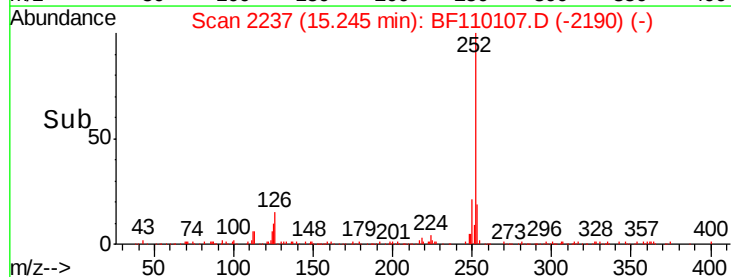
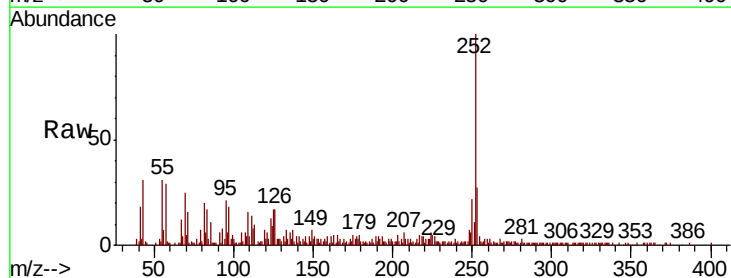
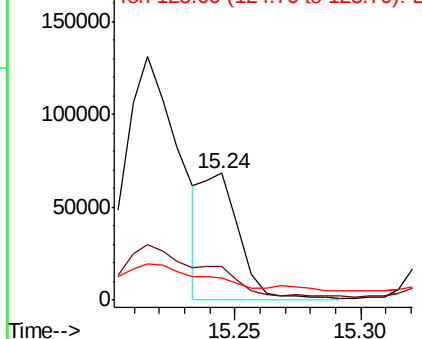
Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.0	17.2	25.8
125	17.5	7.4	11.0

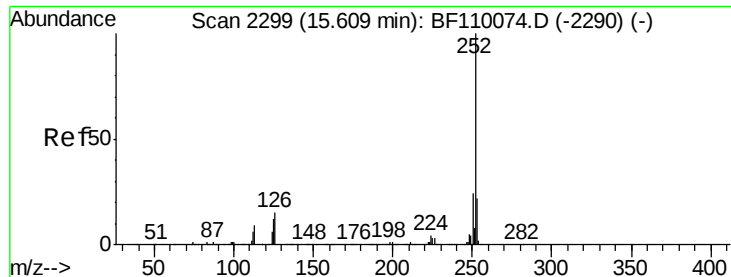
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





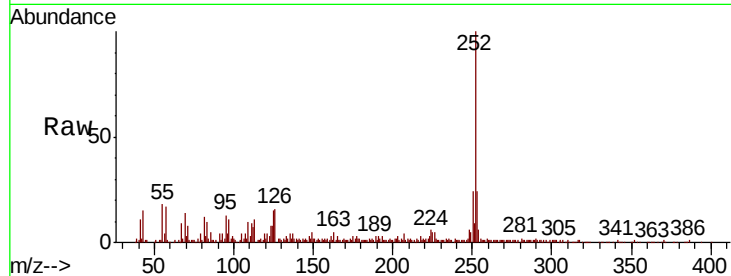
#90
Benzo(a)pyrene
Concen: 8.152 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BF110107.D
Acq: 24 Oct 2018 11:41

Instrument :
BNA_F
ClientSampled :
SB-1(0-2)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.4
125	15.2	9.0	13.6

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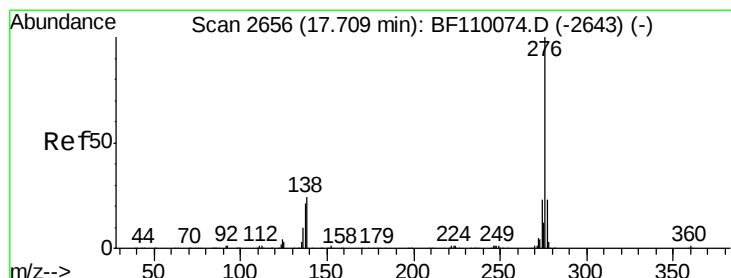
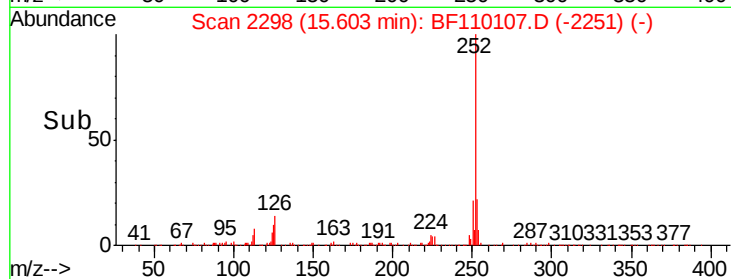
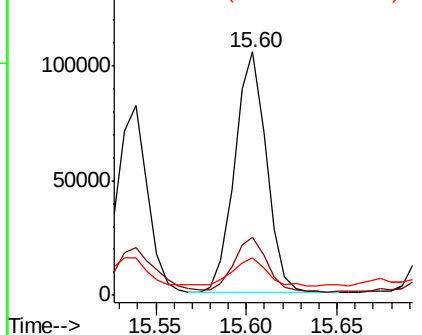


Abundance

Ion 252.00 (251.70 to 252.70): E

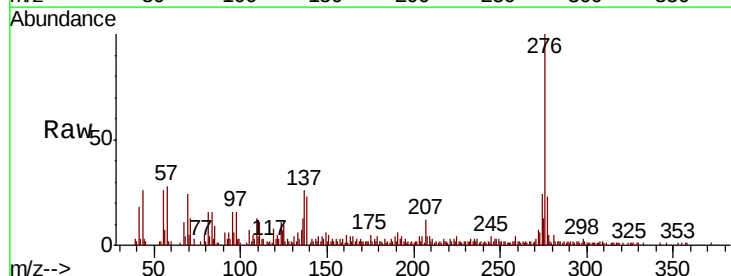
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92
Benzo(g,h,i)perylene
Concen: 5.158 ng
RT: 17.70 min Scan# 2654
Delta R.T. -0.04 min
Lab File: BF110107.D
Acq: 24 Oct 2018 11:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	23.0	16.0	24.0



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

