

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
 Data File : BF110183.D
 Acq On : 26 Oct 2018 1:41
 Operator : JU/SJ
 Sample : J5624-09 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PA-SB-01A

Manual Integrations
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 10/26/2018 3:49:32 PM

Quant Time: Oct 26 07:18:08 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	6.97	152	136752	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	524185	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	212517	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	341606	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	241189	20.00	ng	-0.01
87) Perylene-d12	15.68	264	186159	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	330639	39.37	ng	-0.02
7) Phenol-d6	6.58	99	416828	38.81	ng	-0.02
23) Nitrobenzene-d5	7.53	82	233302	26.40	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	67120	31.88	ng	-0.02
45) 2-Fluorobiphenyl	9.32	172	433720	32.05	ng	-0.02
79) Terphenyl-d14	13.09	244	322777	27.83	ng	-0.02
Target Compounds						
10) Phenol	6.60	94	56458	4.917	ng	Qvalue # 62
50) Dimethylphthalate	9.72	163	59224	3.775	ng	98
71) Phenanthrene	11.53	178	83636	4.679	ng	97
75) Fluoranthene	12.72	202	123996	6.835	ng	98
78) Pyrene	12.95	202	100613	5.819	ng	97
81) Benzo(a)anthracene	14.14	228	46913	3.280	ng	94
83) Chrysene	14.17	228	43226	3.182	ng	98
86) Indeno(1,2,3-cd)pyrene	17.23	276	24787	2.199	ng	96
88) Benzo(b)fluoranthene	15.22	252	53145m	4.944	ng	
90) Benzo(a)pyrene	15.61	252	29488	2.981	ng	# 92
92) Benzo(g,h,i)perylene	17.72	276	23436	2.786	ng	# 91

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

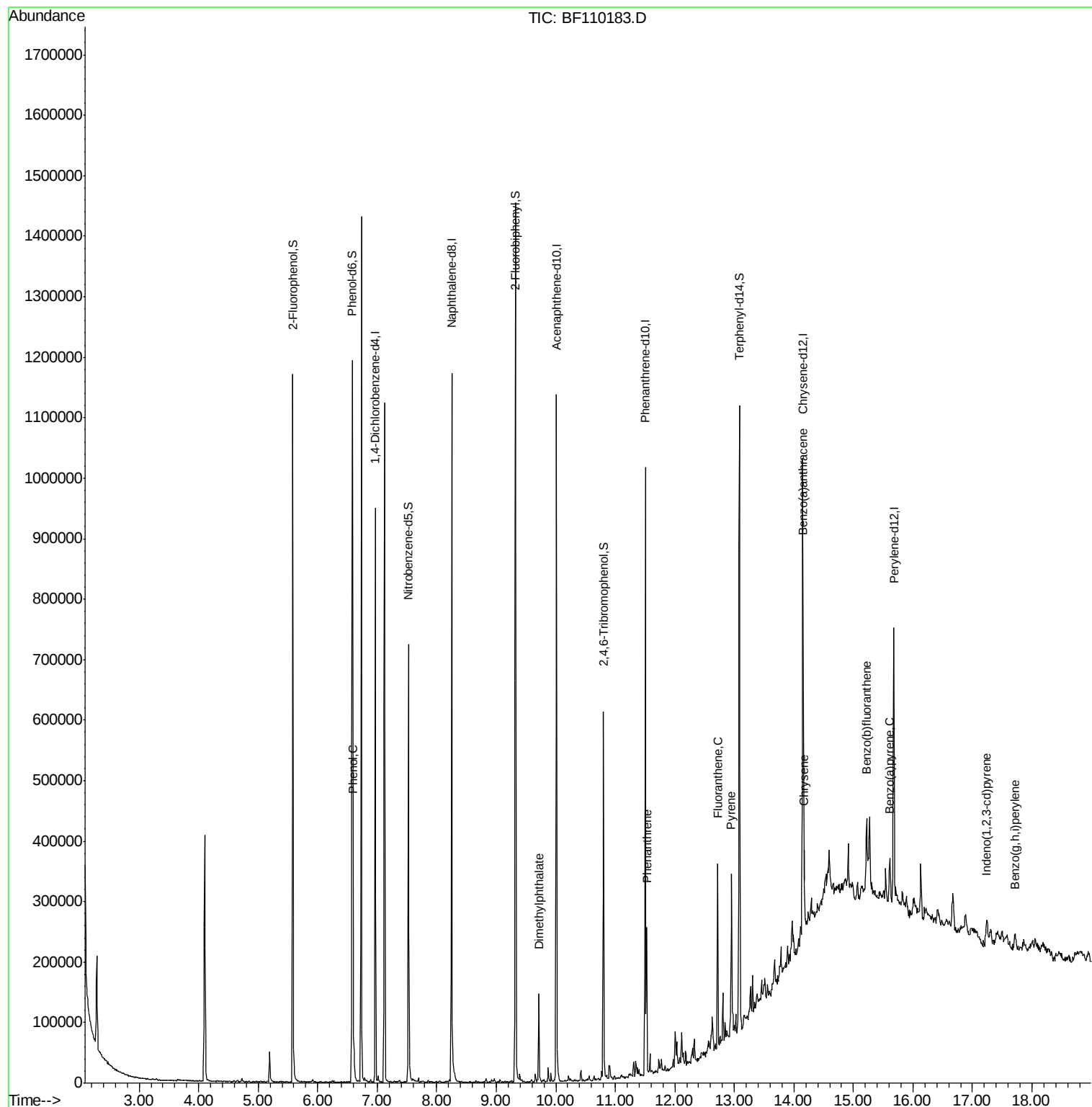
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
Data File : BF110183.D
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#1

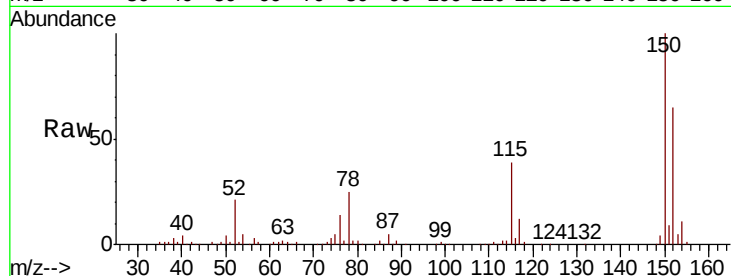
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110183.D
Acq: 26 Oct 2018 1:41

Instrument :
BNA_F
ClientSampleId :
PA-SB-01A

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	122.7	184.1
115	60.5	49.1	73.7

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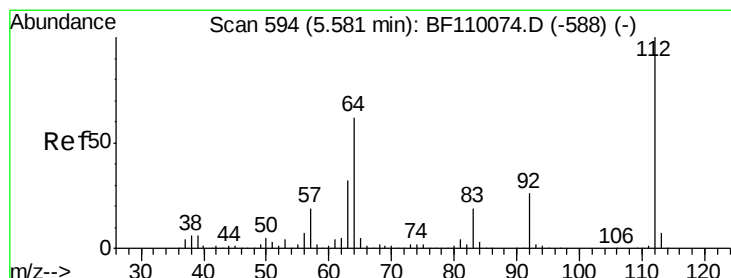
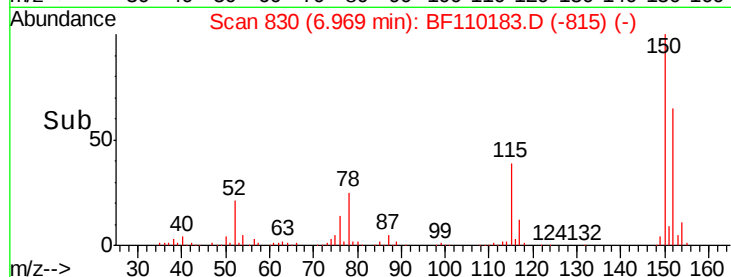
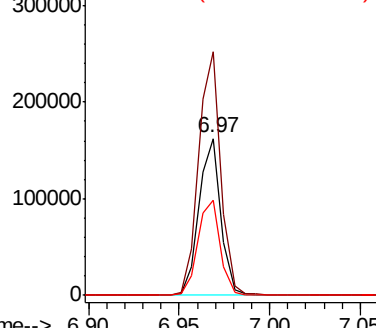


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

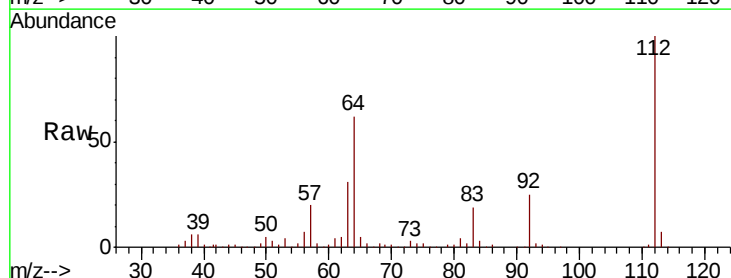
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 39.373 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.02 min
Lab File: BF110183.D
Acq: 26 Oct 2018 1:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	44.1	66.1
63	31.4	23.7	35.5

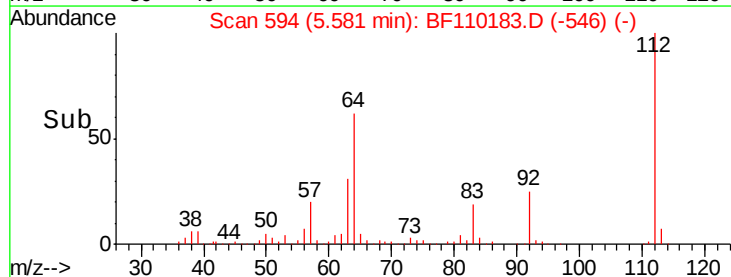
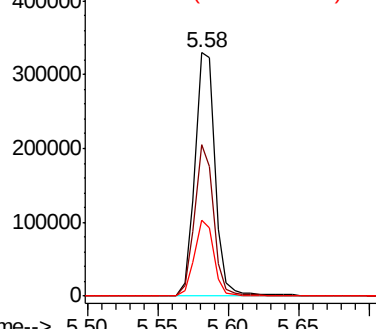


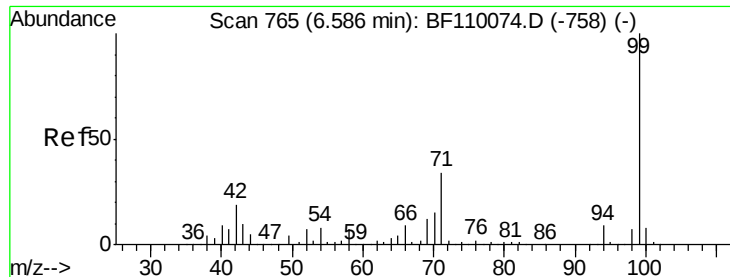
Abundance

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: 38.806 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110183.D

Acq: 26 Oct 2018 1:41

Instrument :

BNA_F

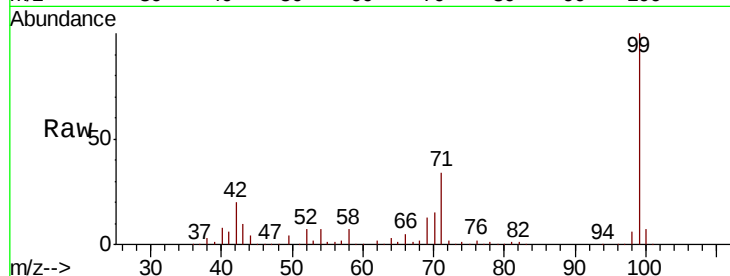
ClientSampled :

PA-SB-01A

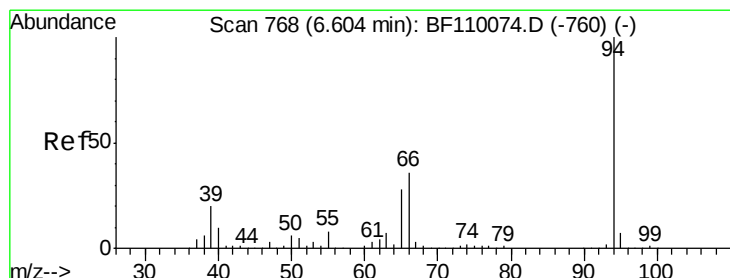
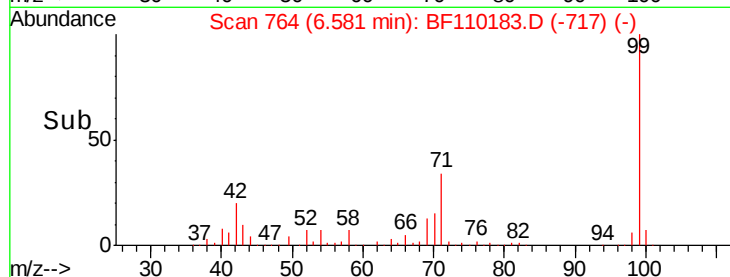
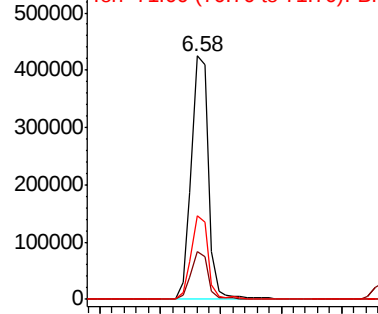
Tot Ion:	99	Resp:	416828
Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.8	23.6
71	34.5	28.0	42.0

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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: 4.917 ng

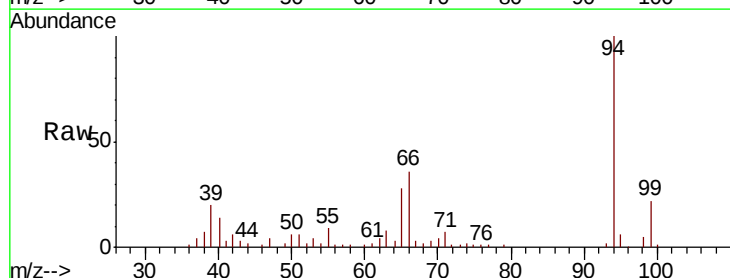
RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

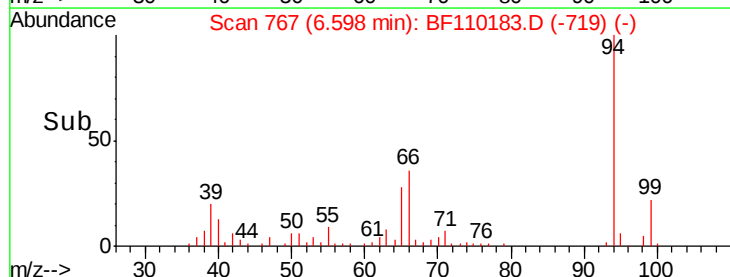
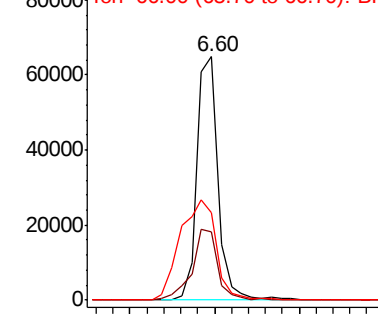
Lab File: BF110183.D

Acq: 26 Oct 2018 1:41

Tgt Ion:	94	Resp:	56458
Ion	Ratio	Lower	Upper
94	100		
65	28.0	25.3	65.3
66	36.1	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





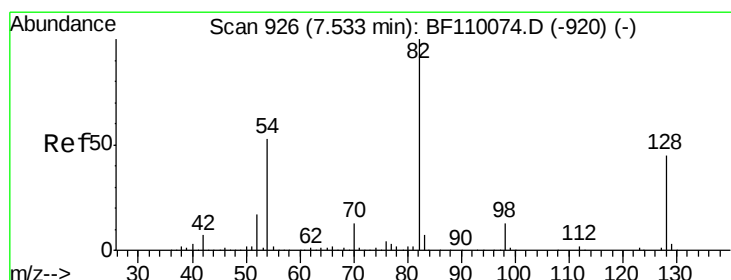
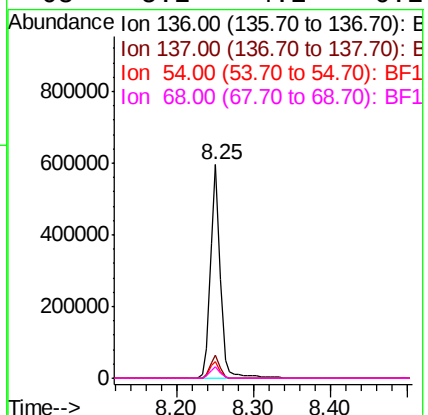
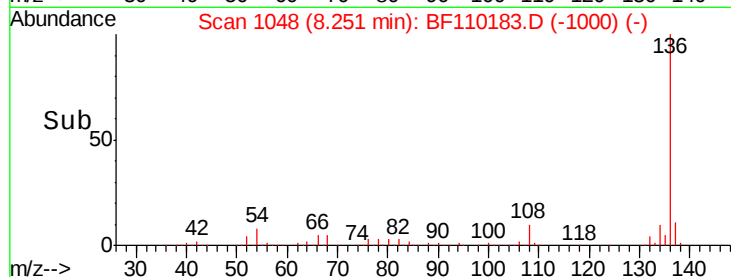
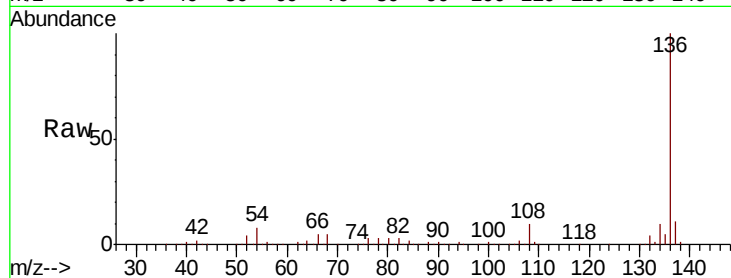
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110183.D
Acq: 26 Oct 2018 1:41

Instrument :
BNA_F
ClientSampled :
PA-SB-01A

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.8	5.4	8.2
68	5.2	4.2	6.2

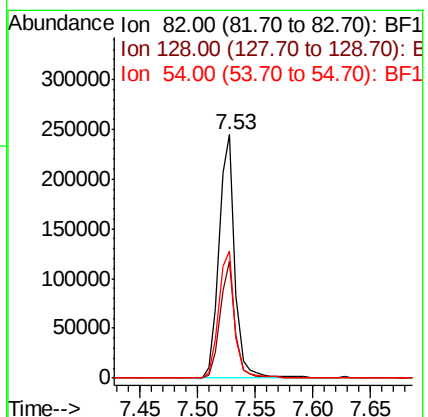
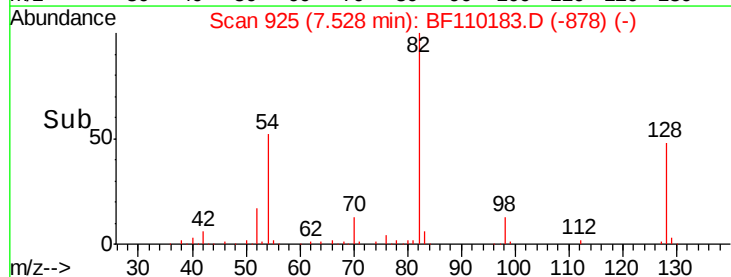
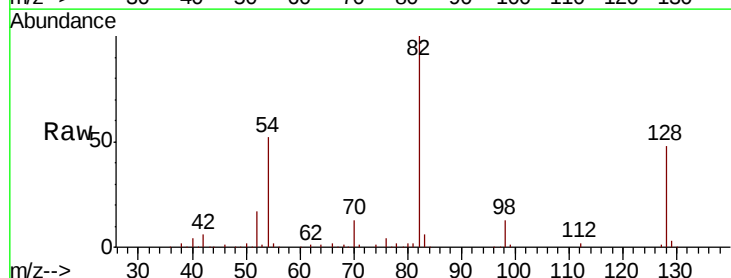
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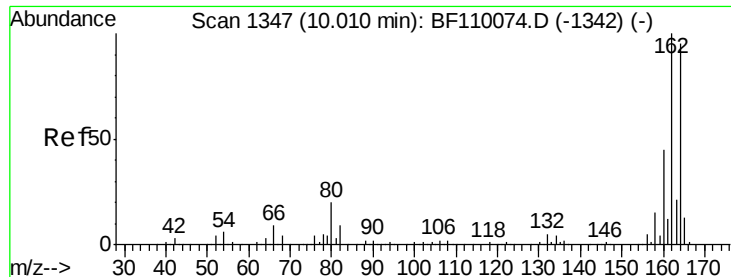
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#23
Nitrobenzene-d5
Concen: 26.399 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110183.D
Acq: 26 Oct 2018 1:41

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	48.0	34.2	51.2
54	52.3	38.6	58.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF110183.D

Acq: 26 Oct 2018 1:41

Instrument :

BNA_F

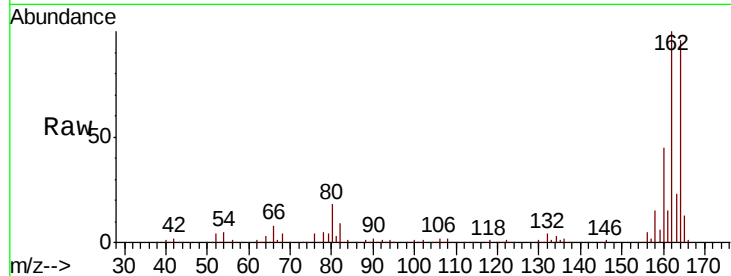
ClientSampleId :

PA-SB-01A

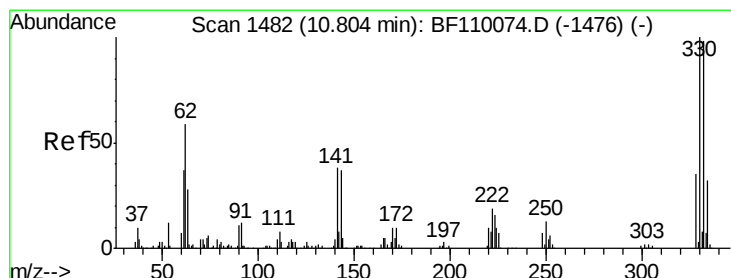
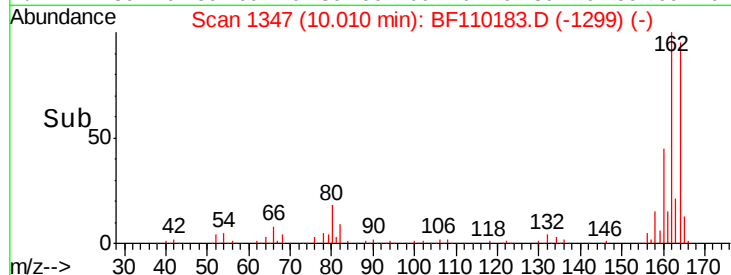
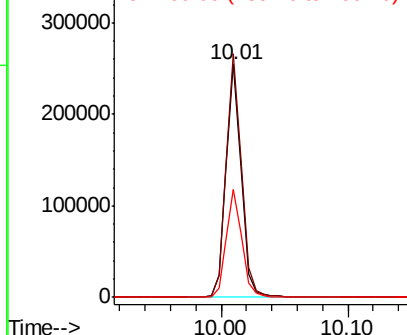
Tot Ion:	164	Resp:	212517
Ion Ratio	Lower	Upper	
164	100		
162	104.6	83.0	124.6
160	46.6	37.0	55.6

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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: 31.884 ng

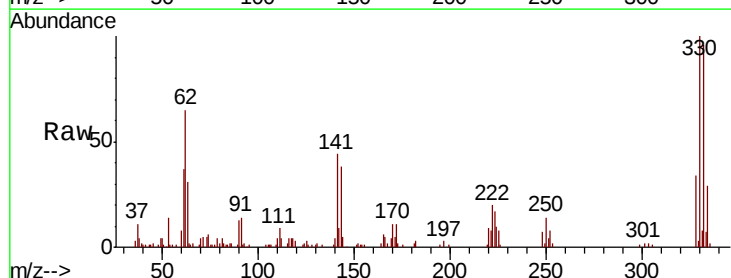
RT: 10.80 min Scan# 1481

Delta R.T. -0.02 min

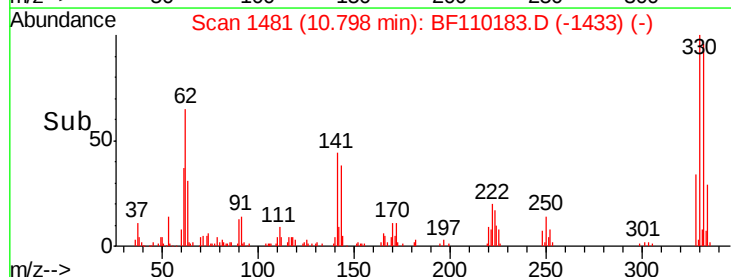
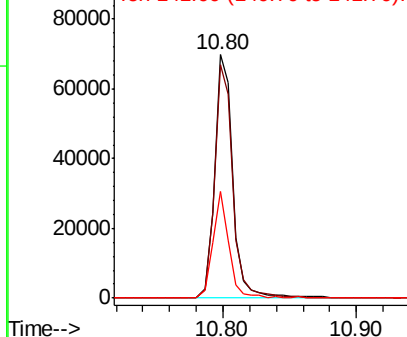
Lab File: BF110183.D

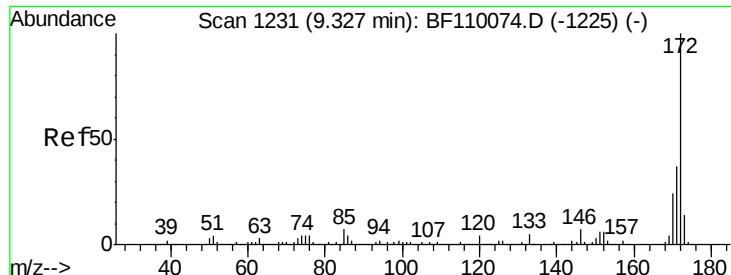
Acq: 26 Oct 2018 1:41

Tgt Ion:	330	Resp:	67120
Ion Ratio	Lower	Upper	
330	100		
332	95.3	77.1	115.7
141	38.5	27.0	40.4



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





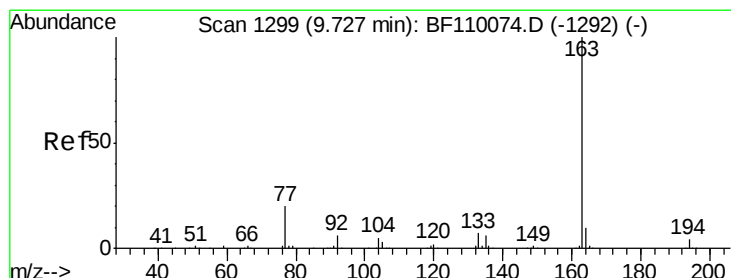
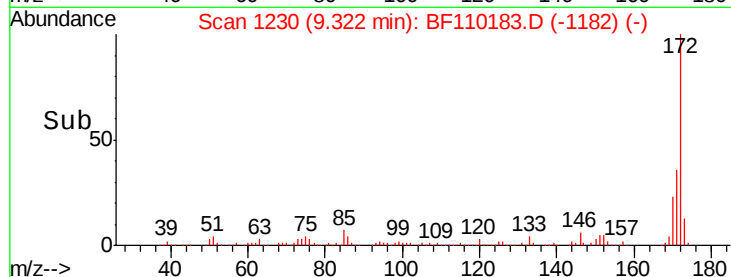
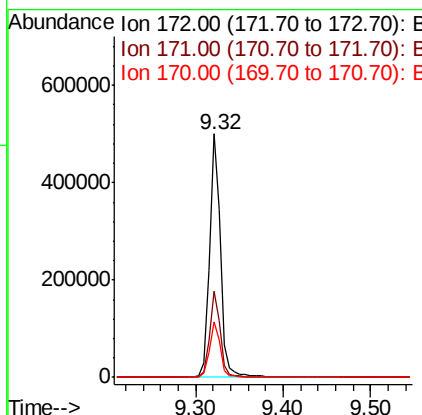
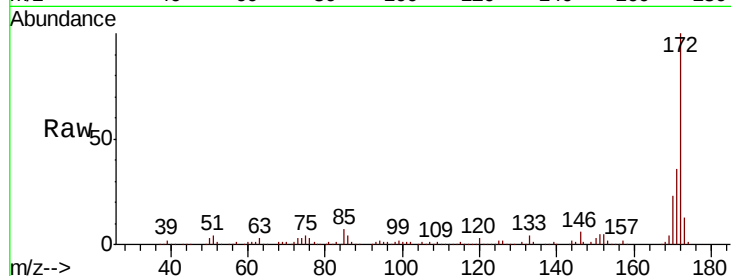
#45
2-Fluorobiphenyl
Concen: 32.047 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF110183.D
Acq: 26 Oct 2018 1:41

Instrument :
BNA_F
ClientSampleId :
PA-SB-01A

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.0	19.7	29.5

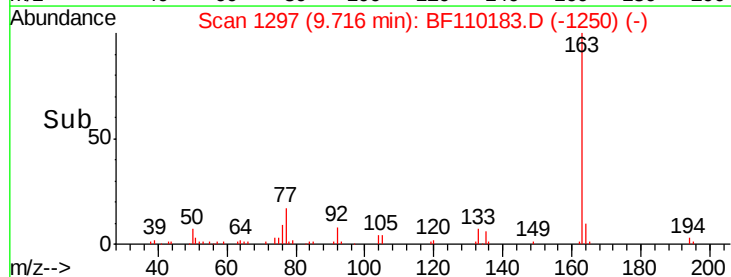
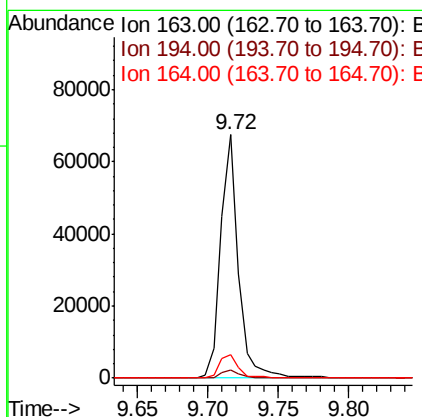
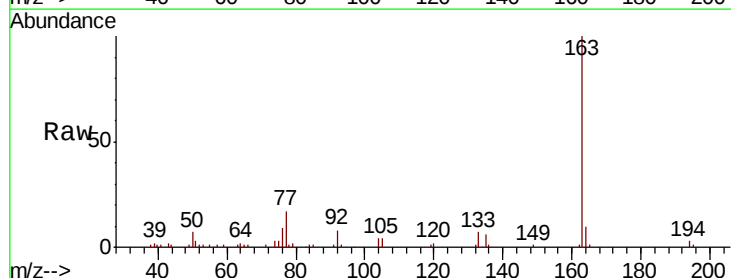
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#50
Dimethylphthalate
Concen: 3.775 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110183.D
Acq: 26 Oct 2018 1:41

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.2	4.8
164	9.5	8.1	12.1





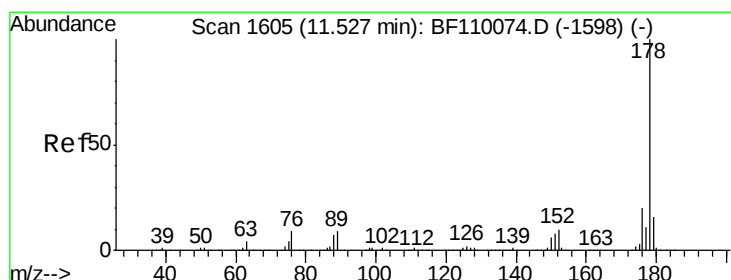
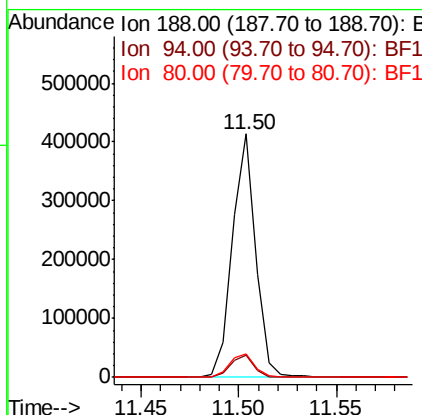
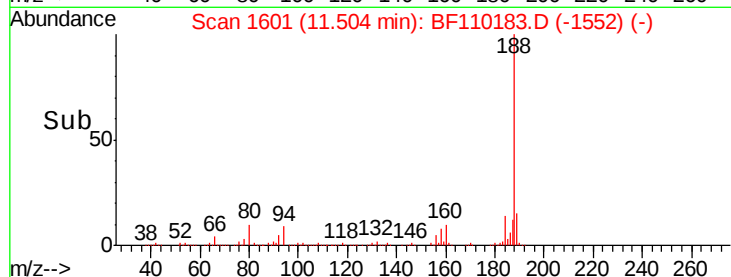
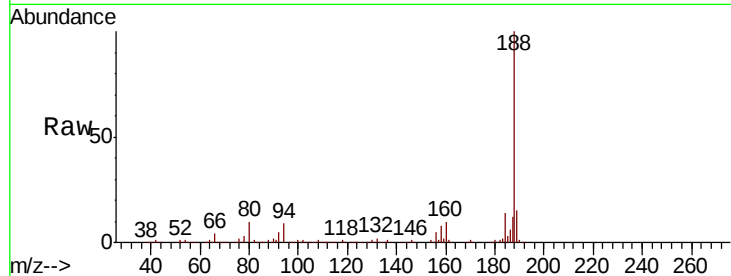
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110183.D
Acq: 26 Oct 2018 1:41

Instrument :
BNA_F
ClientSampled :
PA-SB-01A

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.9	7.2	10.8
80	9.7	7.9	11.9

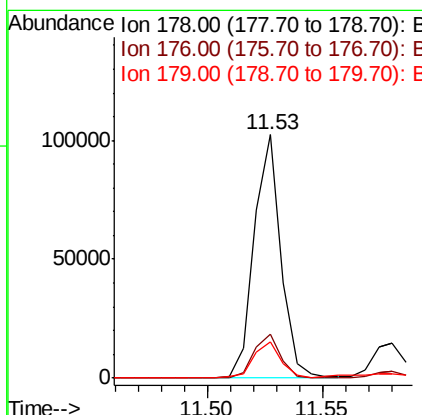
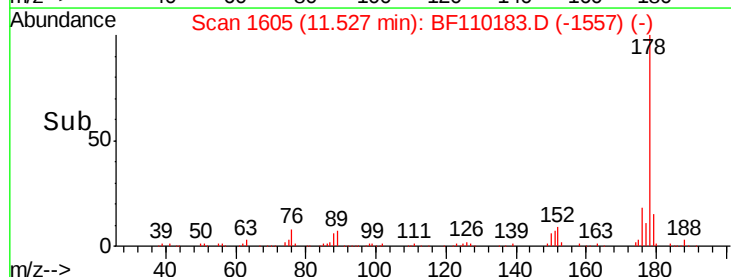
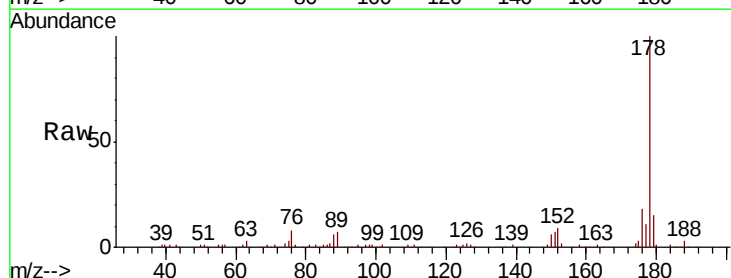
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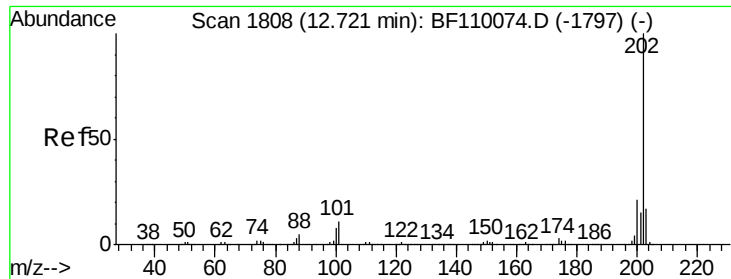
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#71
Phenanthrene
Concen: 4.679 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF110183.D
Acq: 26 Oct 2018 1:41

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.0	15.5	23.3
179	14.8	12.5	18.7





#75

Fluoranthene

Concen: 6.835 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF110183.D

Acq: 26 Oct 2018 1:41

Instrument :

BNA_F

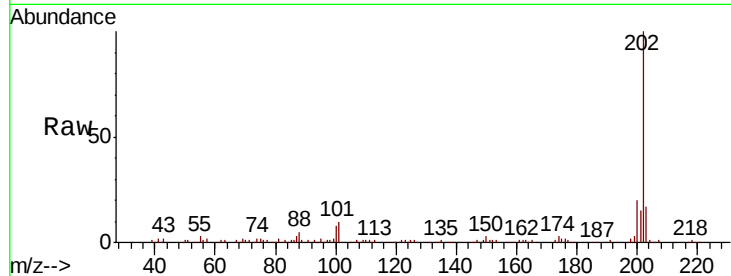
ClientSampled :

PA-SB-01A

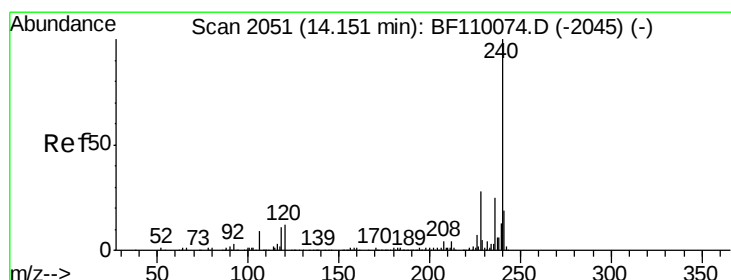
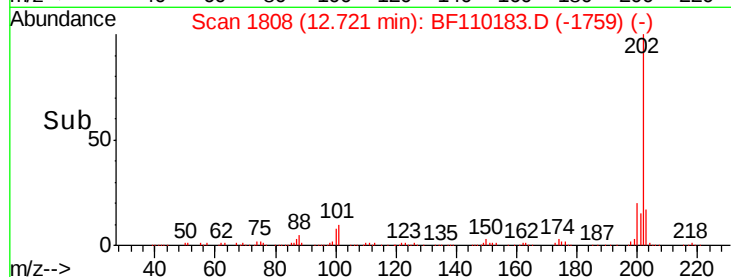
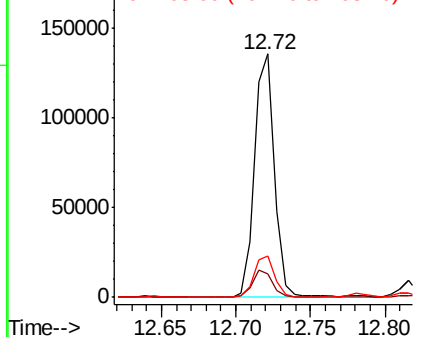
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.8	0.0	31.4
203	17.1	0.0	37.7

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: 14.15 min Scan# 2051

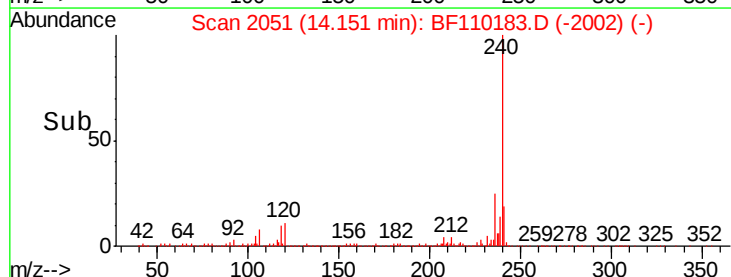
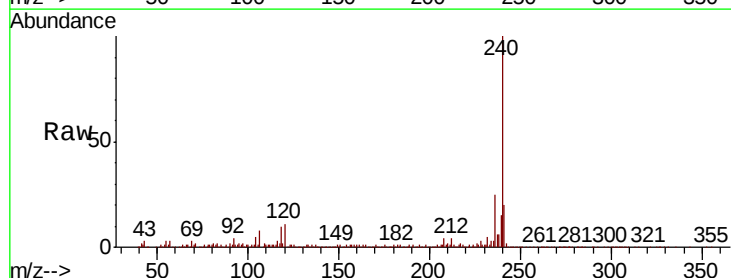
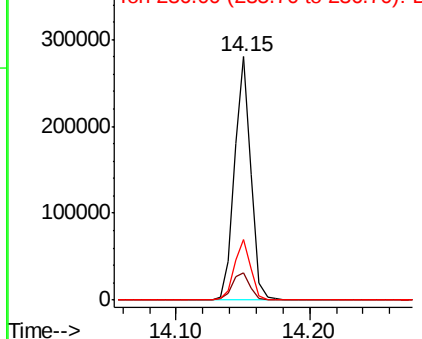
Delta R.T. -0.01 min

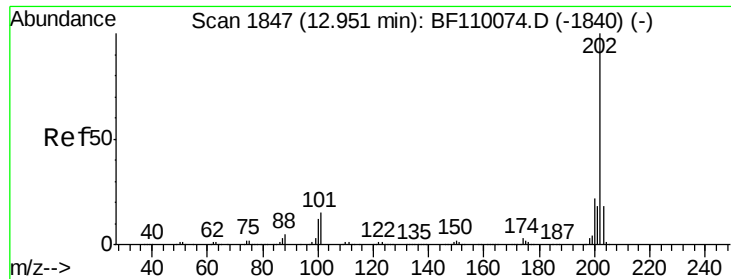
Lab File: BF110183.D

Acq: 26 Oct 2018 1:41

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.3	8.3	12.5
236	25.1	21.2	31.8

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





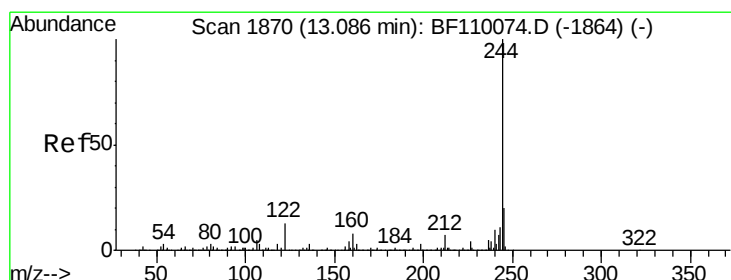
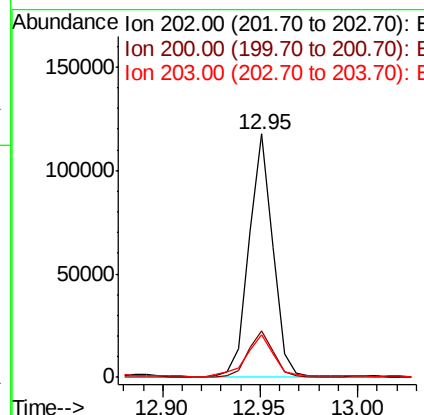
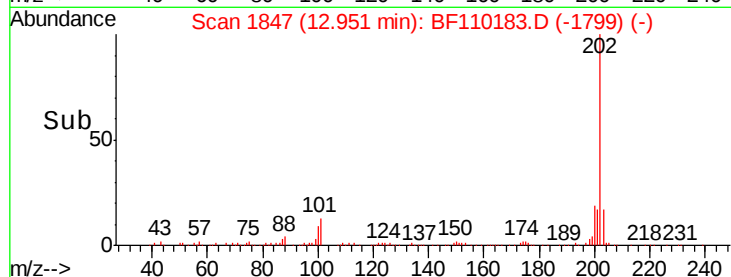
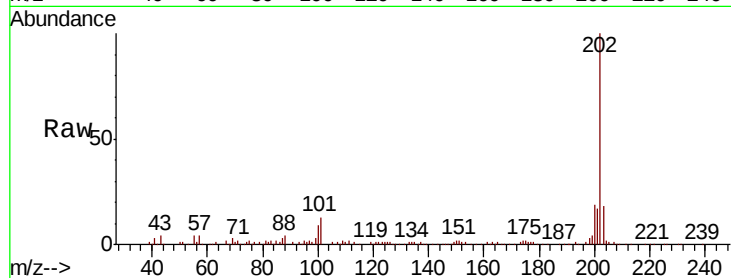
#78
Pvrene
Concen: 5.819 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BF110183.D
Acq: 26 Oct 2018 1:41

Instrument :
BNA_F
ClientSampleId :
PA-SB-01A

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	19.3	17.8	26.6
203	17.8	14.2	21.4

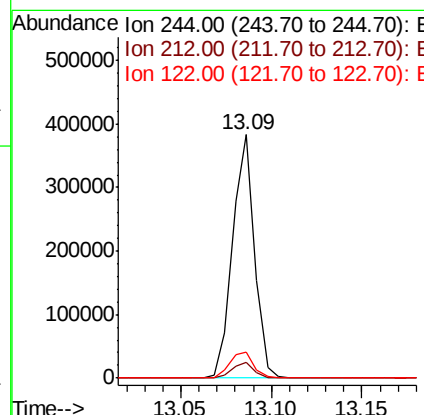
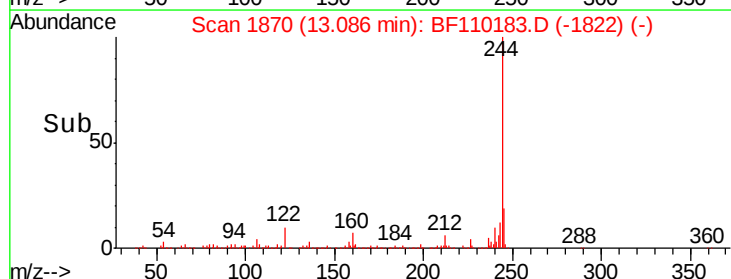
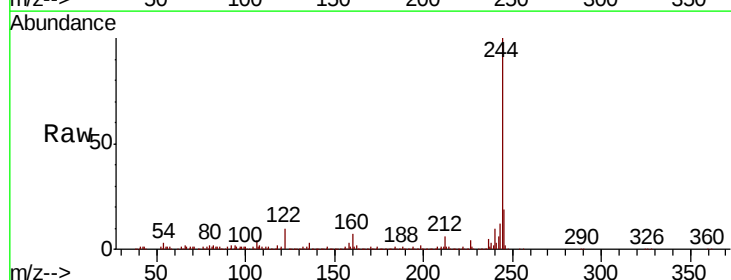
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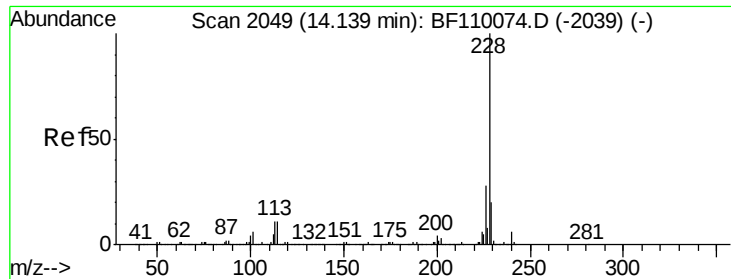
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#79
Terphenyl-d14
Concen: 27.832 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110183.D
Acq: 26 Oct 2018 1:41

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.4	5.8	8.8
122	10.5	8.7	13.1





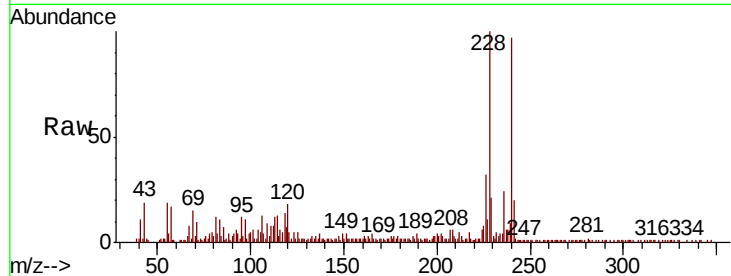
#81
Benzo(a)anthracene
Concen: 3.280 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF110183.D
Acq: 26 Oct 2018 1:41

Instrument :
BNA_F
ClientSampleId :
PA-SB-01A

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	22.1	33.1
229	21.2	15.6	23.4

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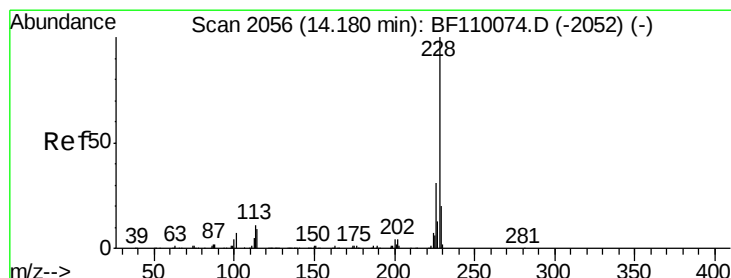
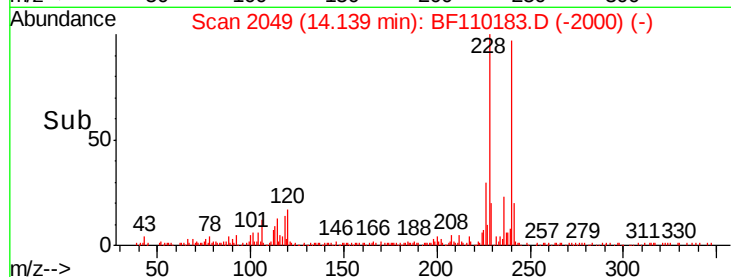
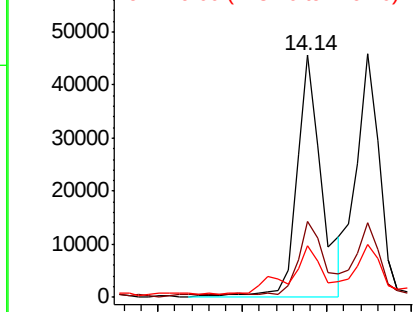


Abundance

Ion 228.00 (227.70 to 228.70): E

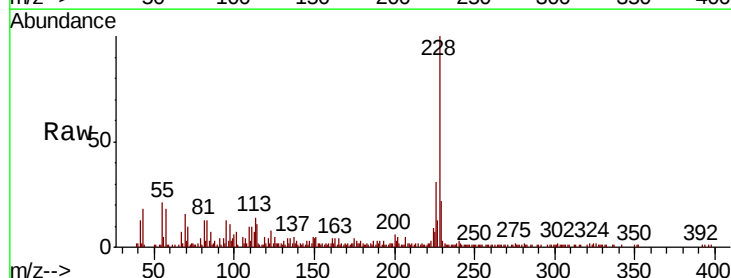
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83
Chrysene
Concen: 3.182 ng
RT: 14.17 min Scan# 2055
Delta R.T. -0.02 min
Lab File: BF110183.D
Acq: 26 Oct 2018 1:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.7	37.1
229	21.8	15.9	23.9

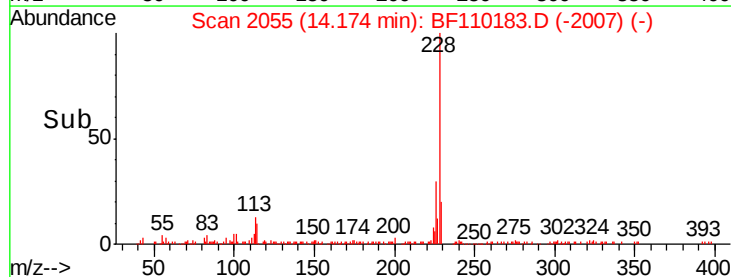
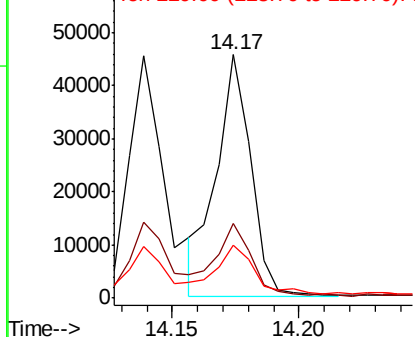


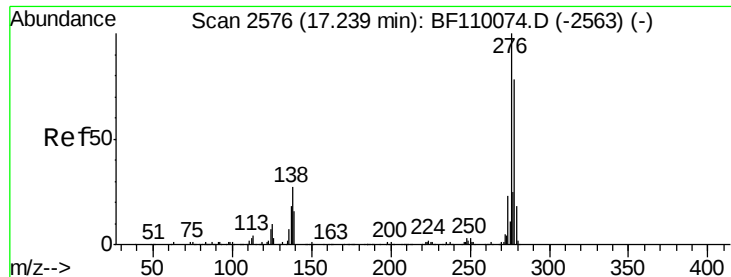
Abundance

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





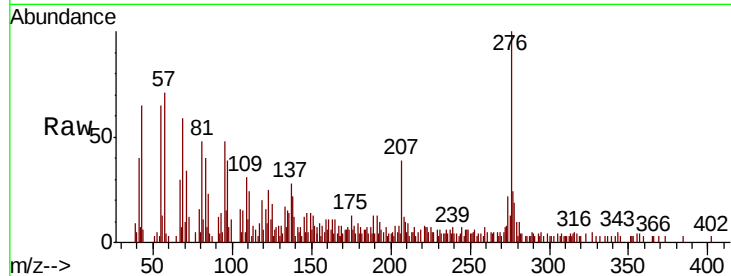
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.199 ng
RT: 17.23 min Scan# 2575
Delta R.T. -0.03 min
Lab File: BF110183.D
Acq: 26 Oct 2018 1:41

Instrument :
BNA_F
ClientSampleId :
PA-SB-01A

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.9	18.5	27.7
277	24.3	20.0	30.0

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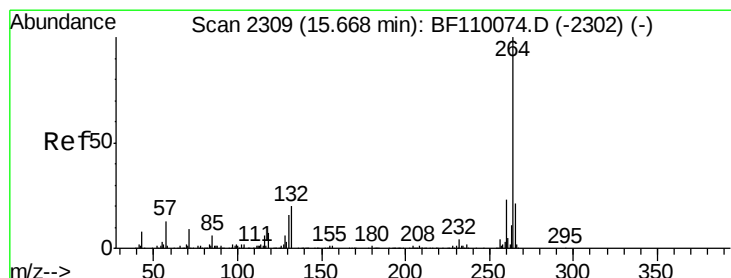
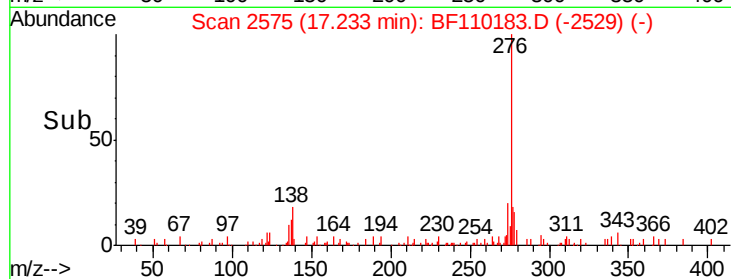
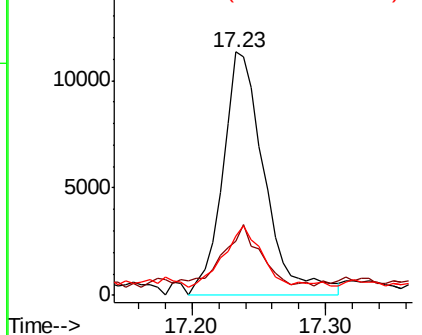


Abundance

Ion 276.00 (275.70 to 276.70): E

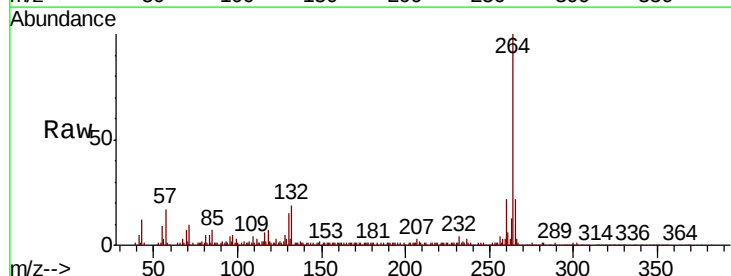
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BF110183.D
Acq: 26 Oct 2018 1:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.7	28.1
265	21.5	16.7	25.1

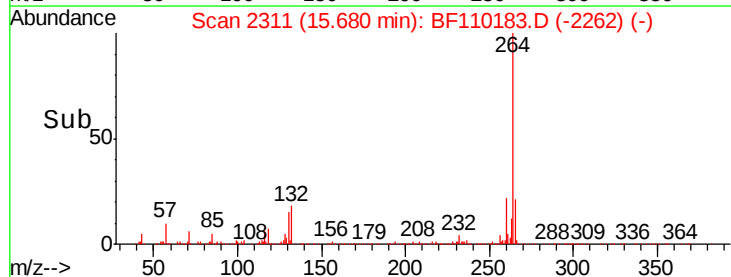
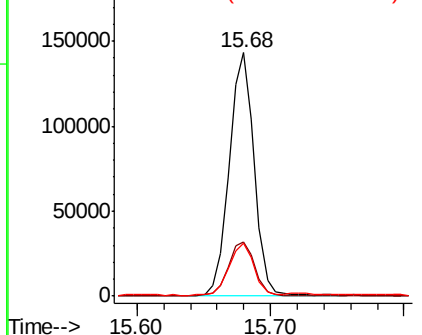


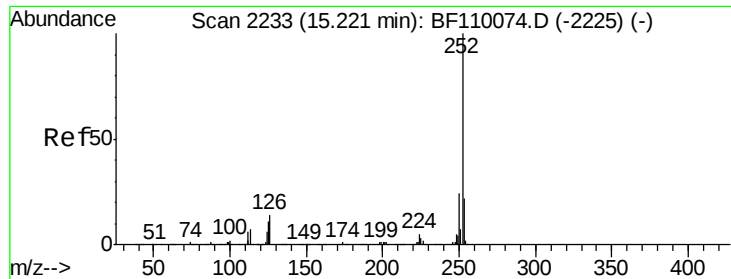
Abundance

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





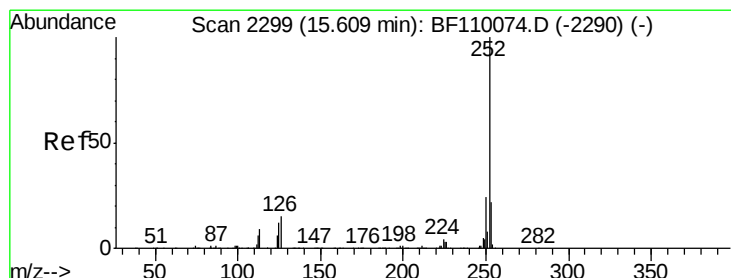
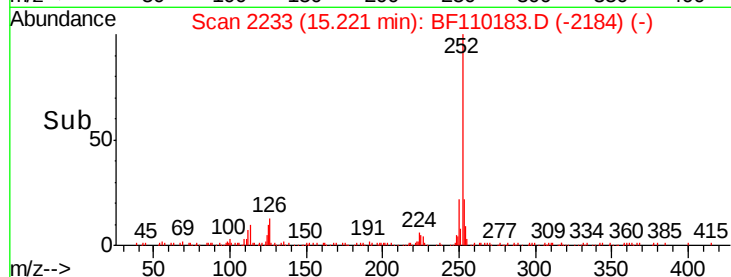
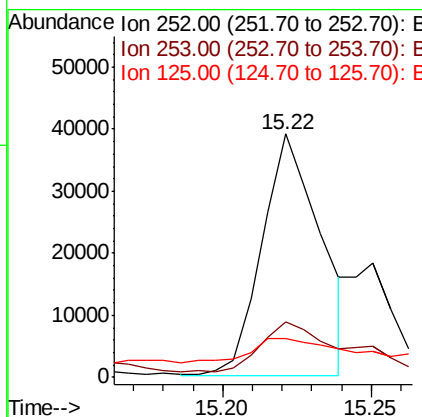
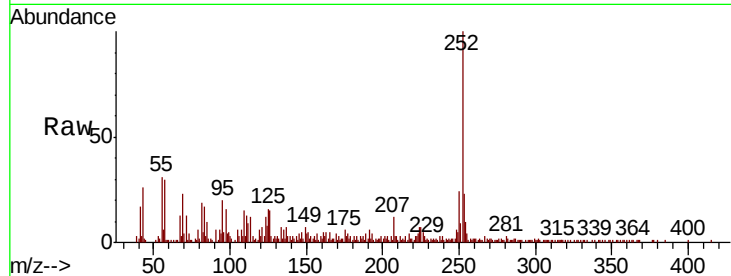
#88
Benzo(b)fluoranthene
Concen: 4.944 ng m
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF110183.D
Acq: 26 Oct 2018 1:41

Instrument :
BNA_F
ClientSampleId :
PA-SB-01A

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	16.2	8.2	12.4

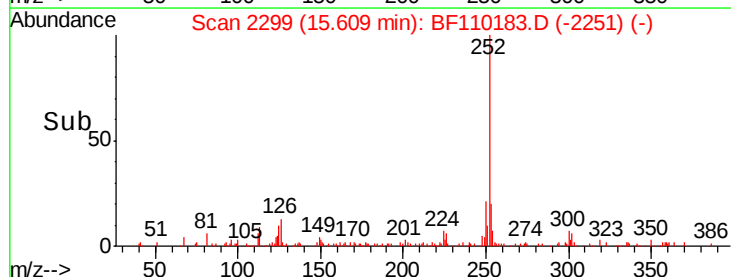
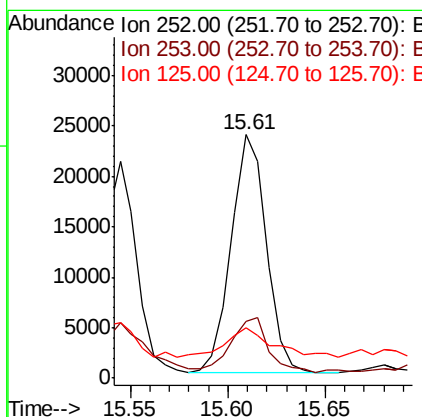
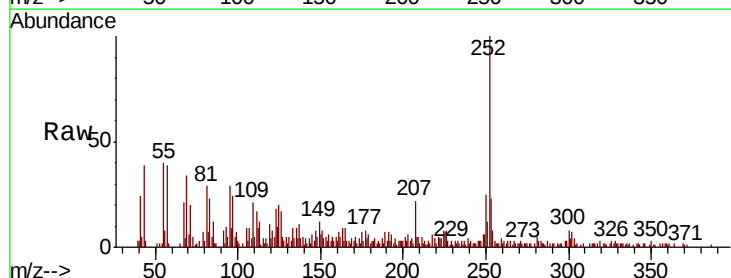
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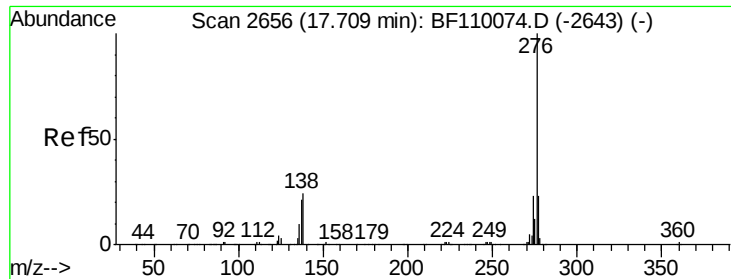
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#90
Benzo(a)pyrene
Concen: 2.981 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BF110183.D
Acq: 26 Oct 2018 1:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.4
125	20.4	9.0	13.6





#92
 Benzo(a,h,i)perylene
 Concen: 2.786 ng
 RT: 17.72 min Scan# 2657
 Delta R.T. -0.02 min
 Lab File: BF110183.D
 Acq: 26 Oct 2018 1:41

Instrument :
 BNA_F
 ClientSampleId :
 PA-SB-01A

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.8	18.8	28.2
138	25.7	16.0	24.0

Manual Integrations
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