

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110528.D
 Acq On : 6 Nov 2018 21:13
 Operator : JU/SJ
 Sample : J5764-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-110218-A

Manual Integrations
 APPROVED

Sohil
 11/7/2018 2:54:37 PM

Quant Time: Nov 07 12:33:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	93849	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	369479	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	141213	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	208598	20.00	ng	0.00
76) Chrysene-d12	14.14	240	172708	20.00	ng	0.00
87) Perylene-d12	15.66	264	118038	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	279711	48.53	ng	0.00
7) Phenol-d6	6.57	99	358888	48.69	ng	0.00
23) Nitrobenzene-d5	7.52	82	217128	34.86	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	55120	39.40	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	390908	43.47	ng	0.00
79) Terphenyl-d14	13.07	244	263910	31.78	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.70	163	54100	5.190	ng	Qvalue 100
71) Phenanthrene	11.51	178	63809	5.846	ng	99
75) Fluoranthene	12.71	202	101683	9.179	ng	99
78) Pyrene	12.94	202	95039	7.676	ng	99
81) Benzo(a)anthracene	14.13	228	46953	4.584	ng	99
83) Chrysene	14.16	228	45178m	4.644	ng	
84) Bis(2-ethylhexyl)phthalate	14.09	149	40206	5.534	ng	# 96
88) Benzo(b)fluoranthene	15.21	252	41924m	6.151	ng	
89) Benzo(k)fluoranthene	15.24	252	16461m	2.456	ng	
90) Benzo(a)pyrene	15.60	252	27737	4.422	ng	# 86
92) Benzo(g,h,i)perylene	17.72	276	17608	3.302	ng	99

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

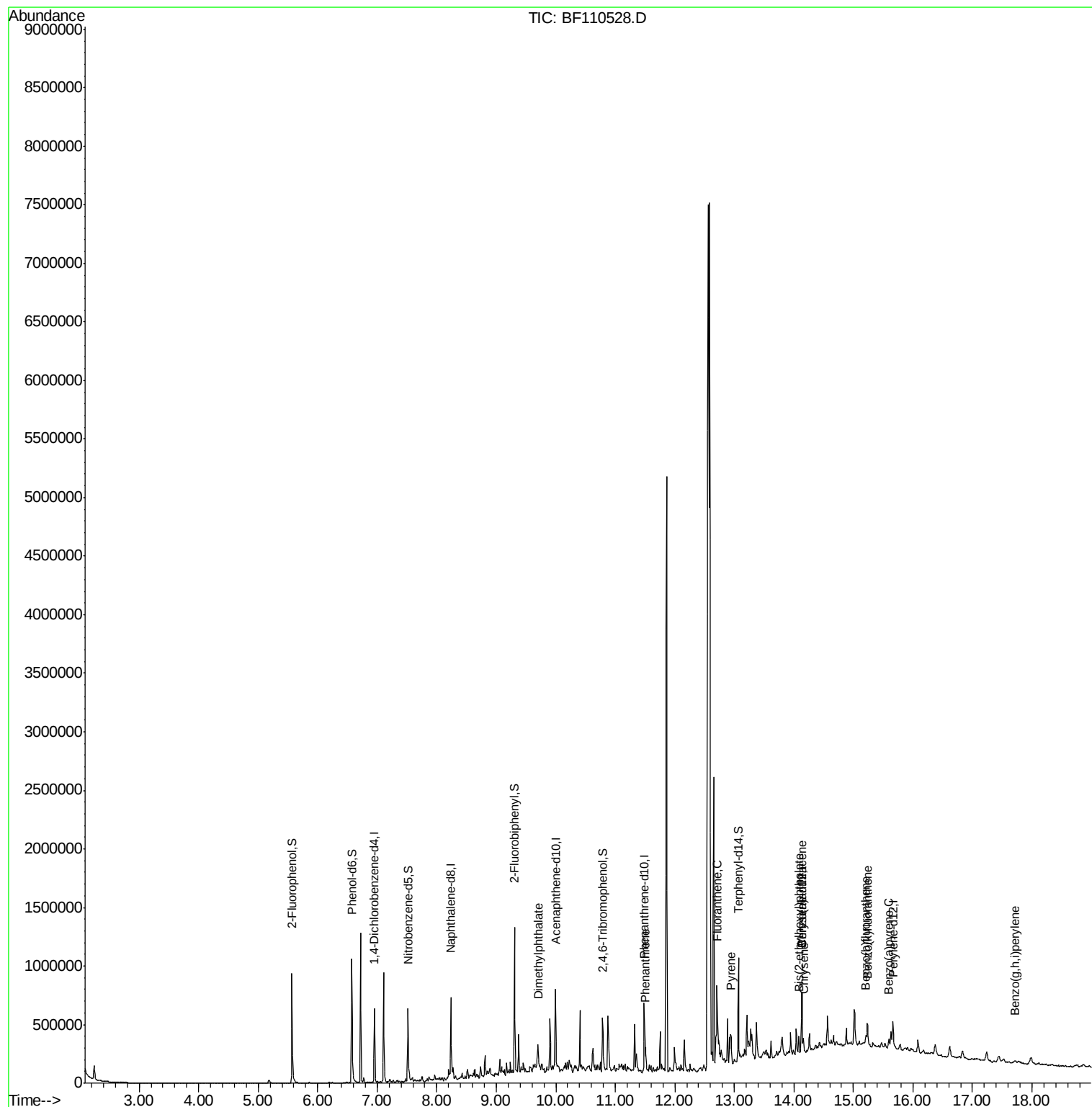
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110528.D
Acq On : 6 Nov 2018 21:13
Operator : JU/SJ
Sample : J5764-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

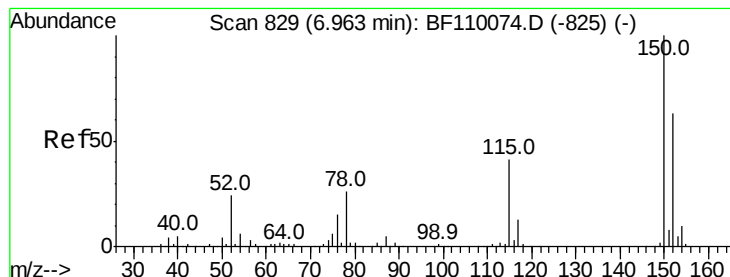
Instrument :
BNA_F
ClientSampleId :
JC-03-110218-A

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Quant Time: Nov 07 12:33:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

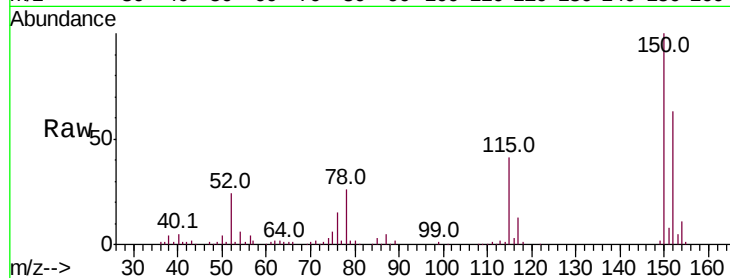
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110528.D
Acq: 6 Nov 2018 21:13

Instrument :
BNA_F
ClientSampleId :
JC-03-110218-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	122.7	184.1
115	64.8	49.1	73.7

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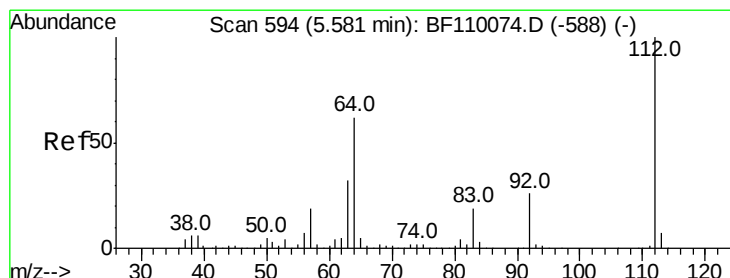
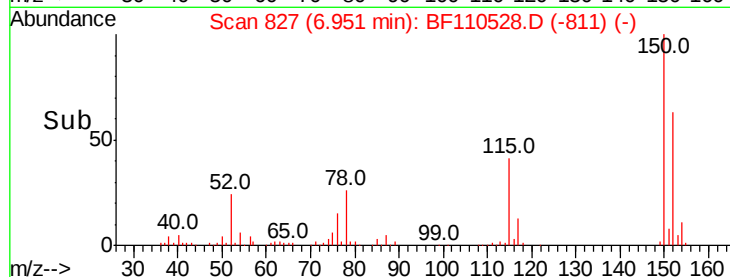
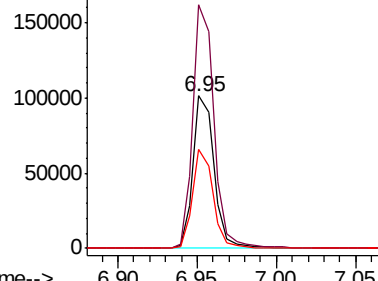


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

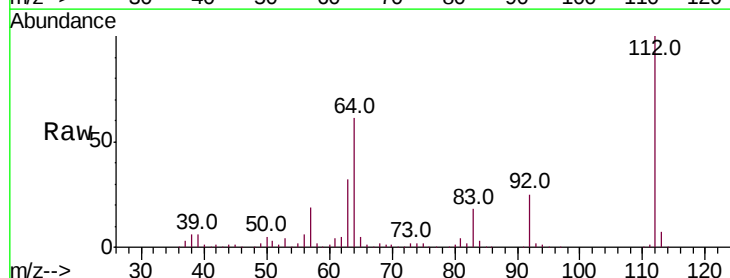
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 48.535 ng
RT: 5.57 min Scan# 592
Delta R.T. -0.01 min
Lab File: BF110528.D
Acq: 6 Nov 2018 21:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	44.1	66.1
63	32.3	23.7	35.5

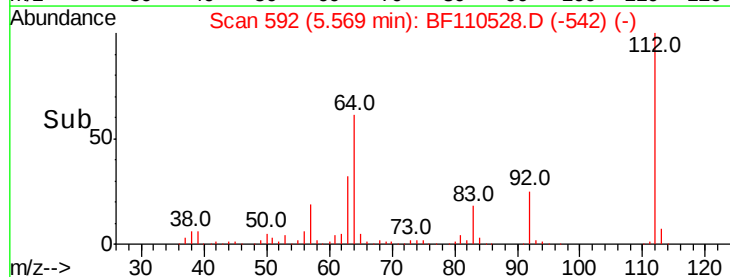
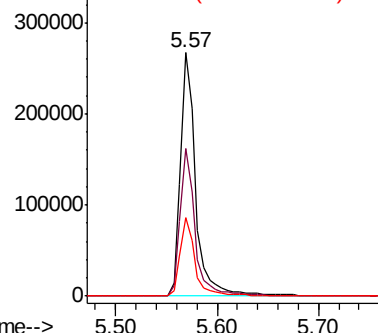


Abundance

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: 48.686 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110528.D

Acq: 6 Nov 2018 21:13

Instrument :

BNA_F

ClientSampleId :

JC-03-110218-A

Tot Ion: 99 Resp: 358888

Ion Ratio Lower Upper

99 100

42 19.0 15.8 23.6

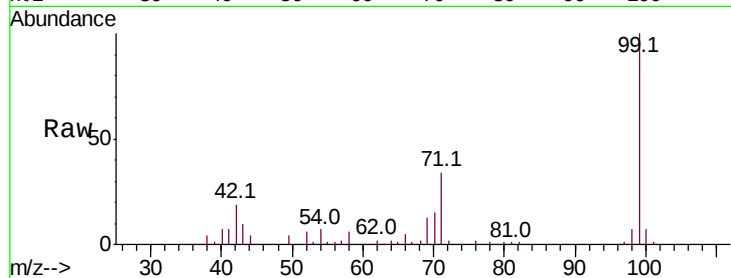
71 34.1 28.0 42.0

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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

500000

400000

300000

200000

100000

0

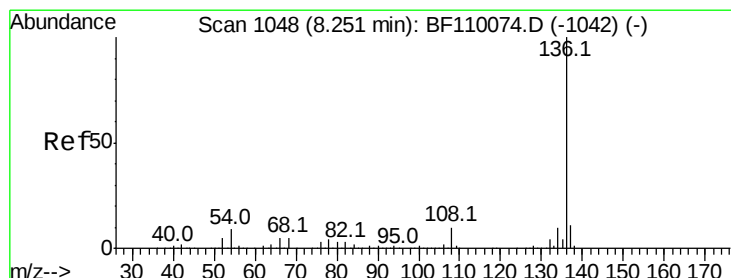
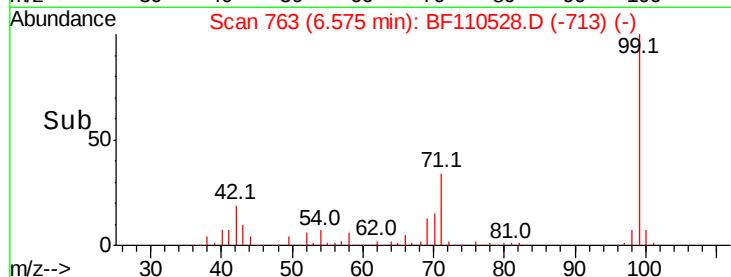
6.57

6.50

6.60

6.70

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF110528.D

Acq: 6 Nov 2018 21:13

Tgt Ion: 136 Resp: 369479

Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.4 5.4 8.2

68 5.2 4.2 6.2

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

500000

400000

300000

200000

100000

0

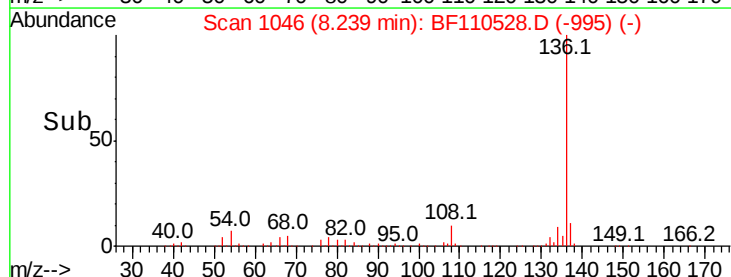
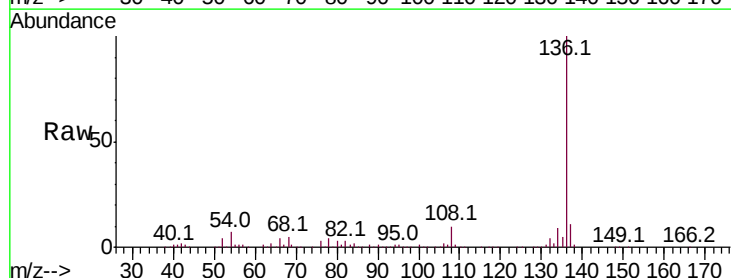
8.24

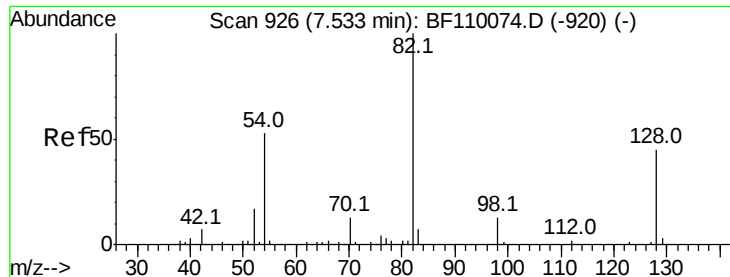
8.20

8.30

8.40

Time-->





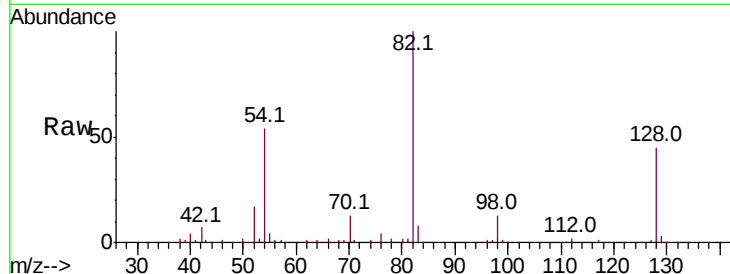
#23
 Nitrobenzene-d5
 Concen: 34.856 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF110528.D
 Acq: 6 Nov 2018 21:13

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-110218-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.2	51.2
54	54.2	38.6	58.0

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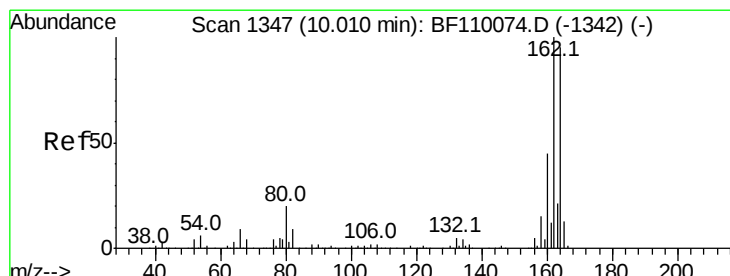
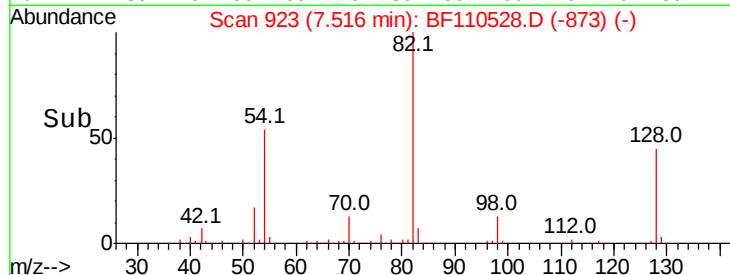
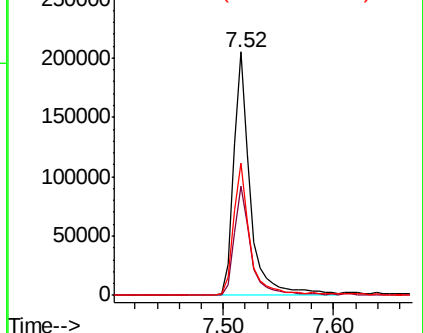


Abundance

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# 1345
 Delta R.T. 0.00 min
 Lab File: BF110528.D
 Acq: 6 Nov 2018 21:13

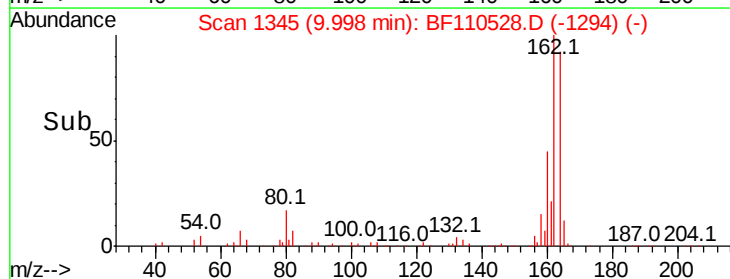
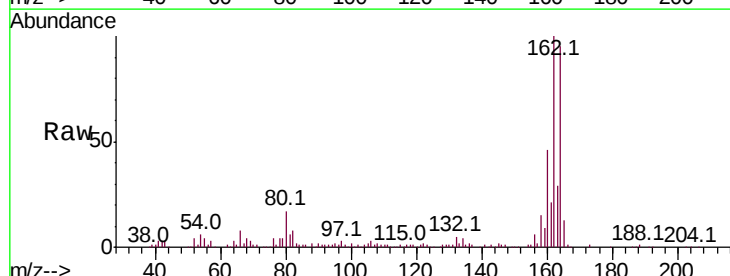
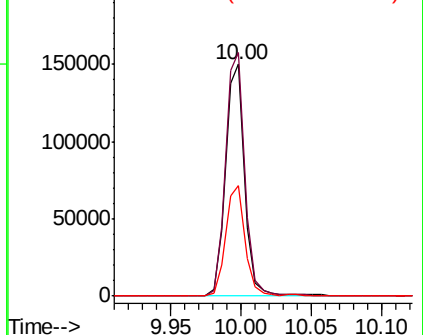
Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	83.0	124.6
160	47.9	37.0	55.6

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





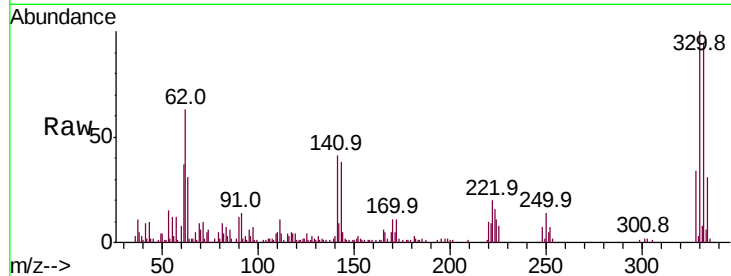
#42
 2,4,6-Tribromophenol
 Concen: 39.405 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF110528.D
 Acq: 6 Nov 2018 21:13

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-110218-A

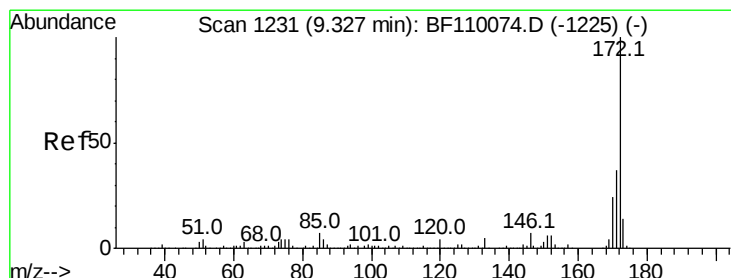
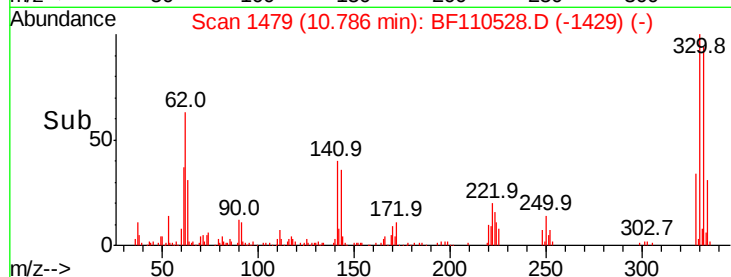
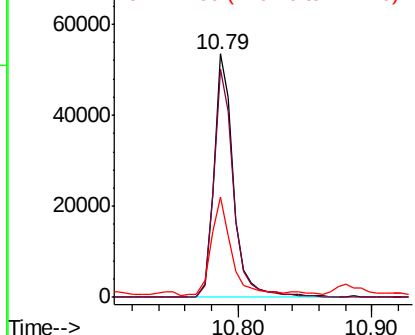
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.1	115.7
141	42.4	27.0	40.4

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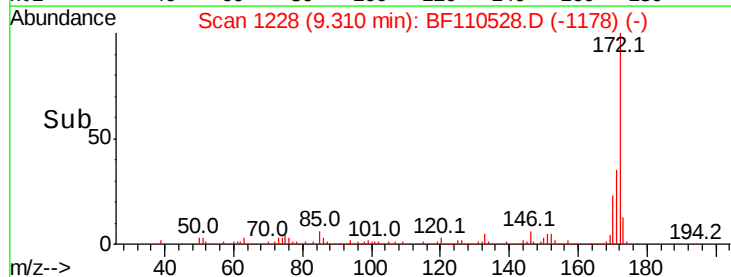
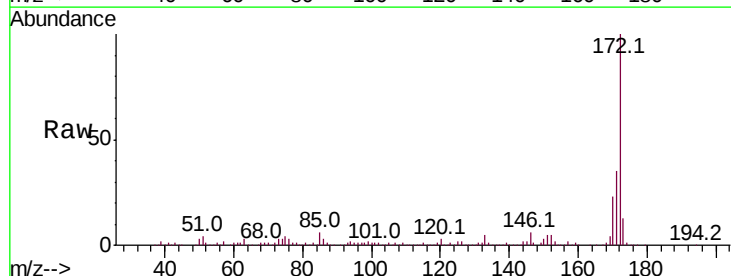
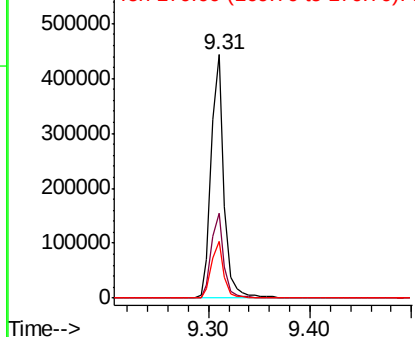
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

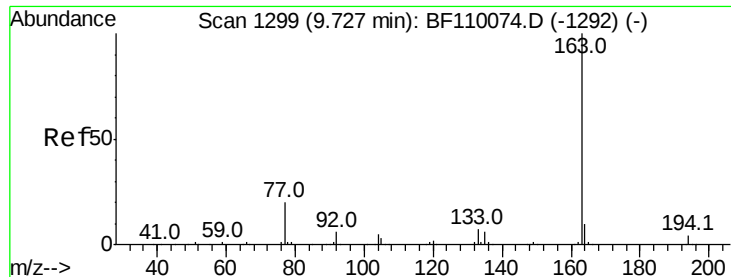


#45
 2-Fluorobiphenyl
 Concen: 43.468 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110528.D
 Acq: 6 Nov 2018 21:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	43.0
170	23.1	19.7	29.5

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





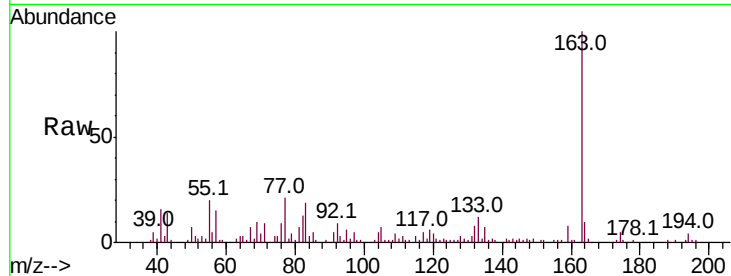
#50
Dimethylphthalate
Concen: 5.190 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110528.D
Acq: 6 Nov 2018 21:13

Instrument :
BNA_F
ClientSampleId :
JC-03-110218-A

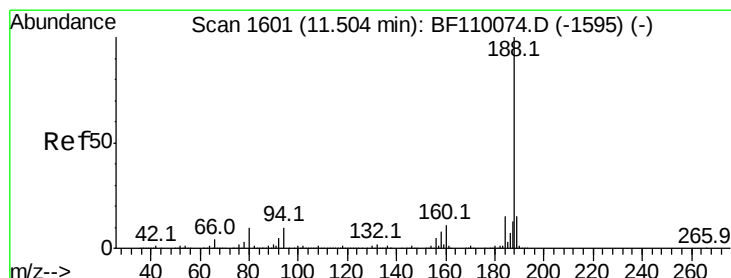
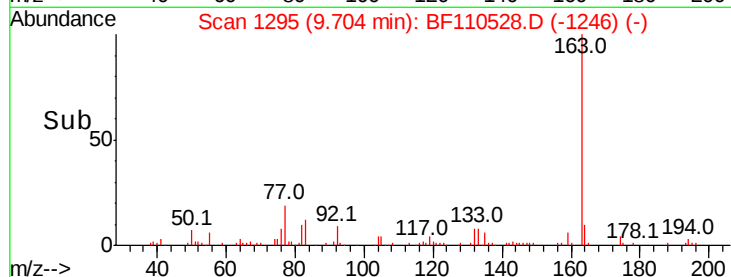
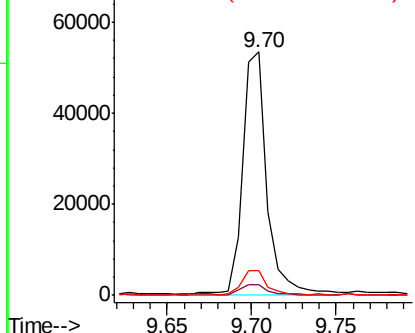
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.2	8.1	12.1

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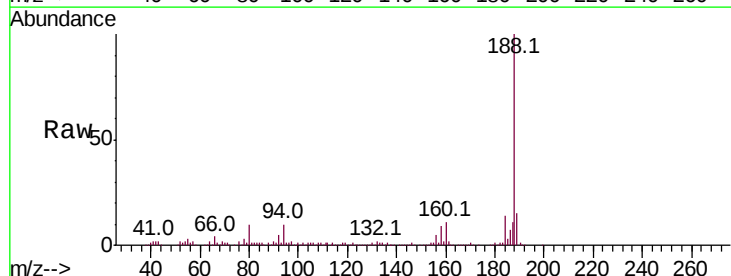


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

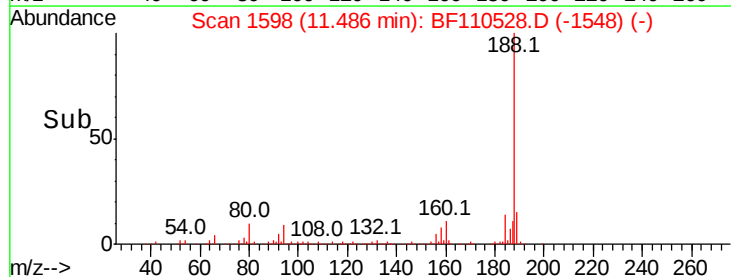
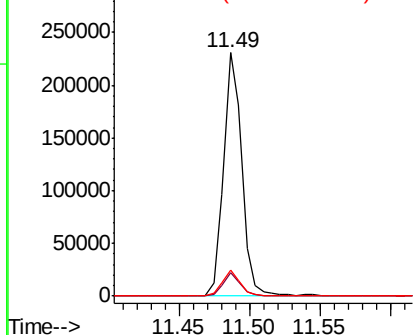


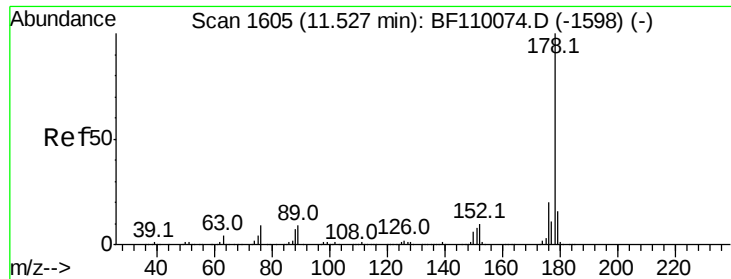
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110528.D
Acq: 6 Nov 2018 21:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	10.5	7.9	11.9



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





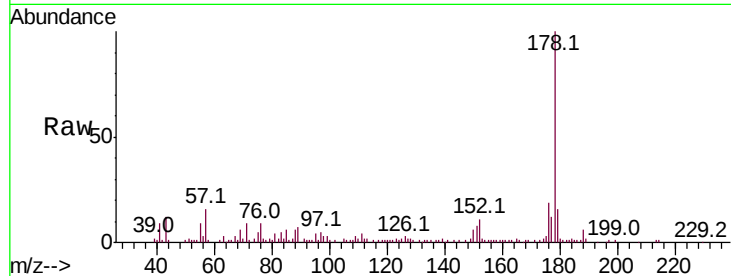
#71
Phenanthrene
Concen: 5.846 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF110528.D
Acq: 6 Nov 2018 21:13

Instrument :
BNA_F
ClientSampleId :
JC-03-110218-A

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	15.7	12.5	18.7

Manual Integrations
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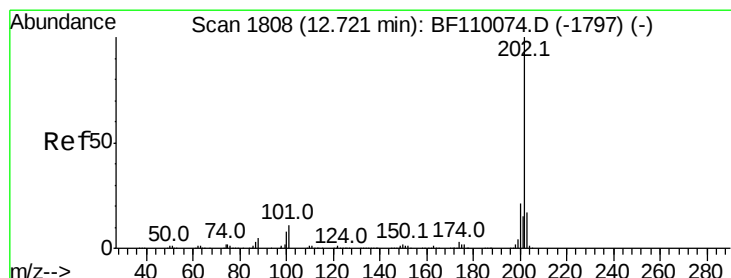
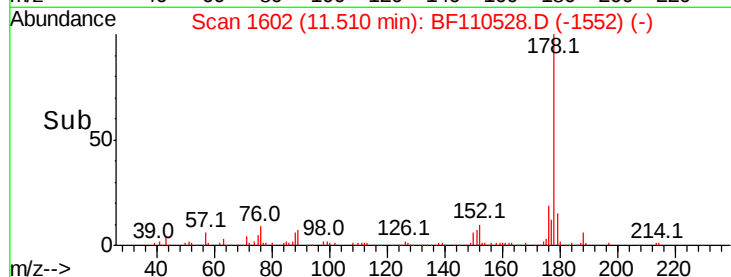
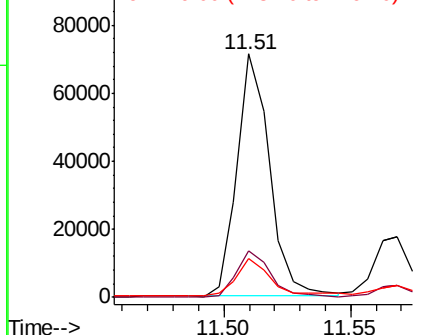


Abundance

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: 9.179 ng
RT: 12.71 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BF110528.D
Acq: 6 Nov 2018 21:13

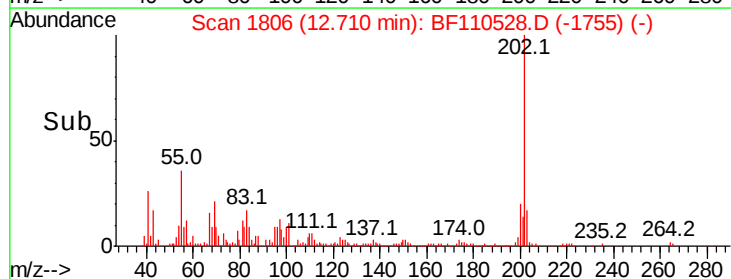
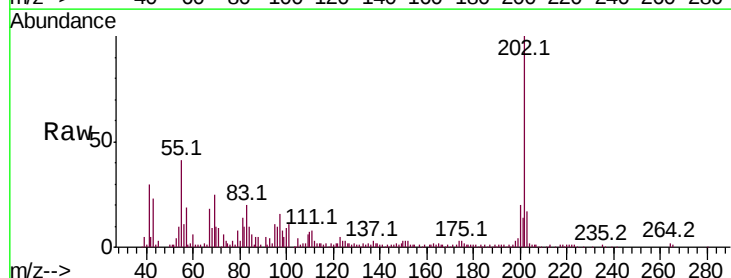
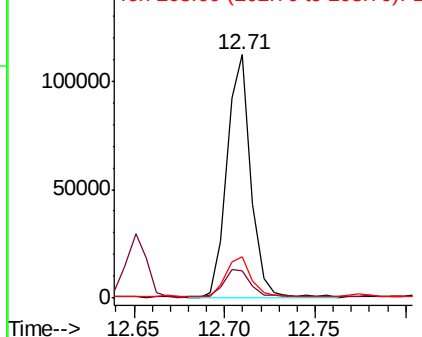
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.4
203	17.1	0.0	37.7

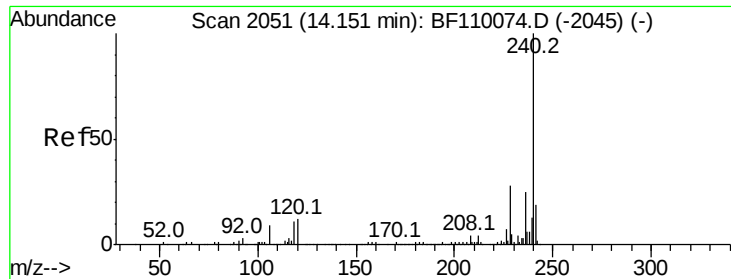
Abundance

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





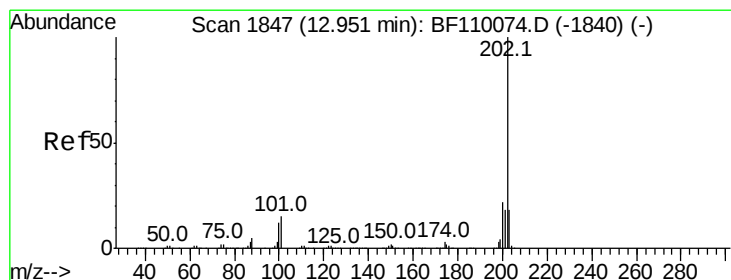
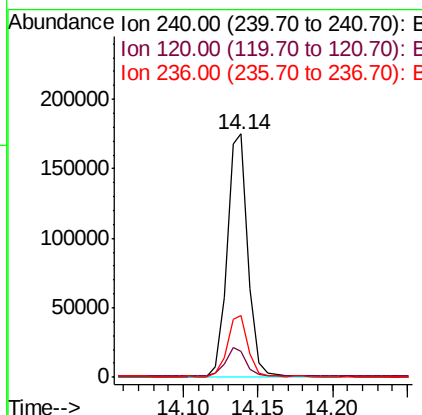
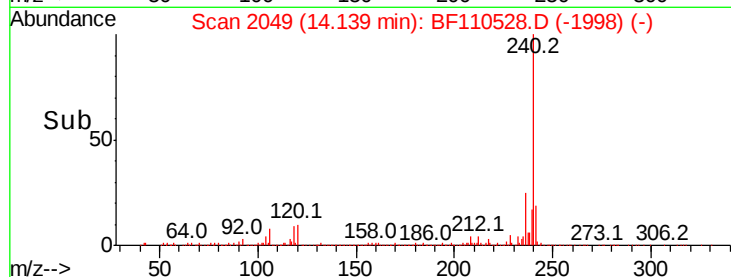
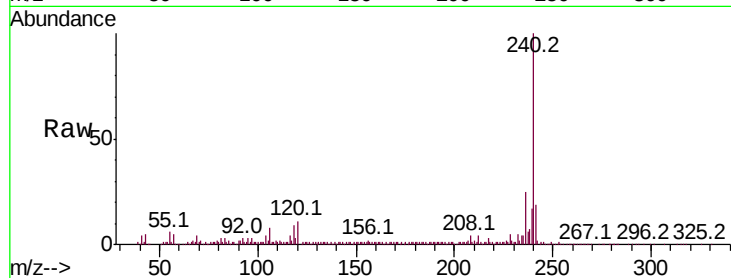
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BF110528.D
Acq: 6 Nov 2018 21:13

Instrument :
BNA_F
ClientSampleId :
JC-03-110218-A

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.3	12.5
236	25.4	21.2	31.8

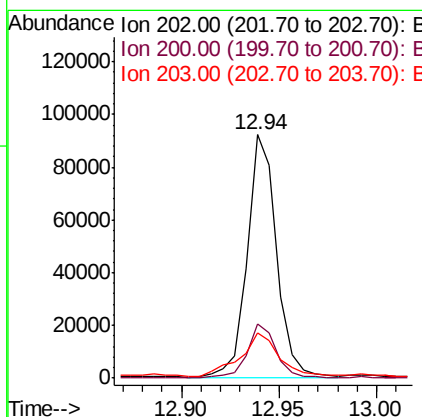
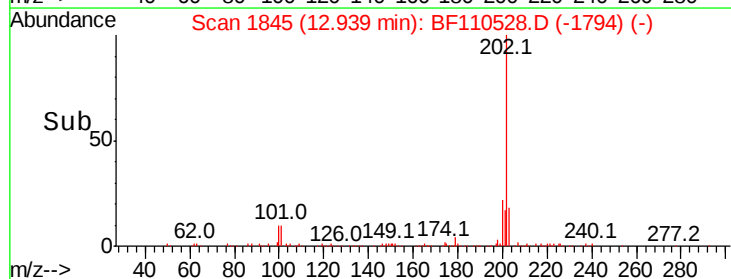
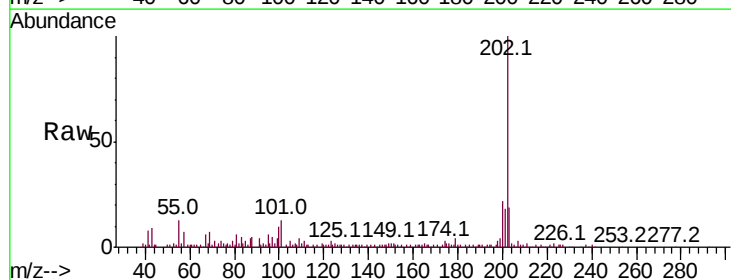
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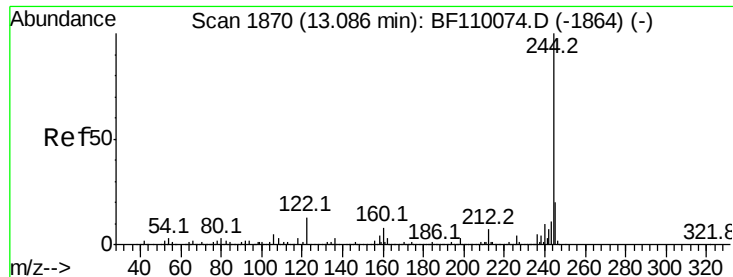
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#78
Pyrene
Concen: 7.676 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF110528.D
Acq: 6 Nov 2018 21:13

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.8	26.6
203	18.7	14.2	21.4





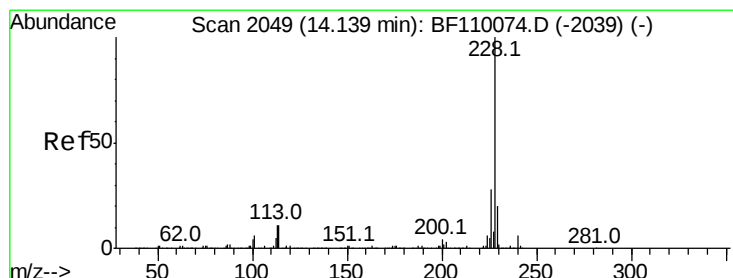
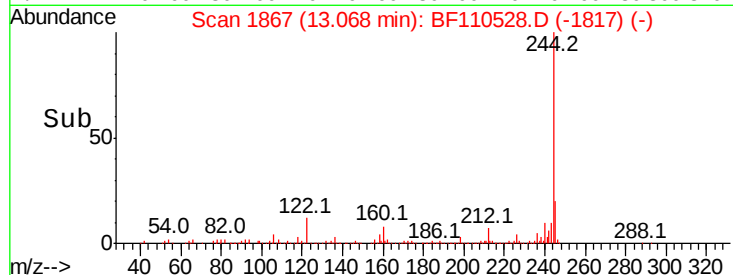
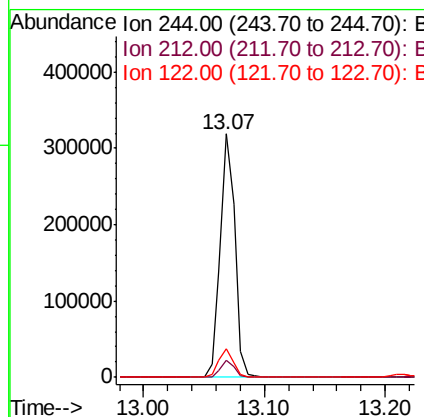
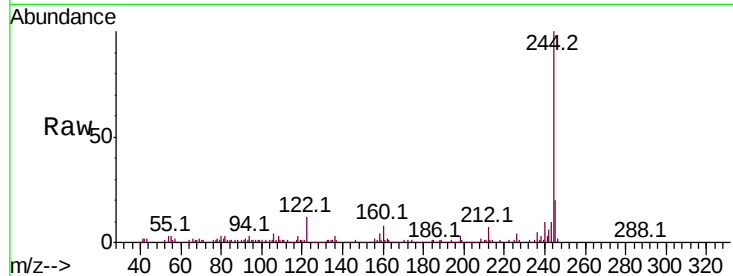
#79
 Terphenyl-d14
 Concen: 31.779 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BF110528.D
 Acq: 6 Nov 2018 21:13

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-110218-A

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	11.9	8.7	13.1

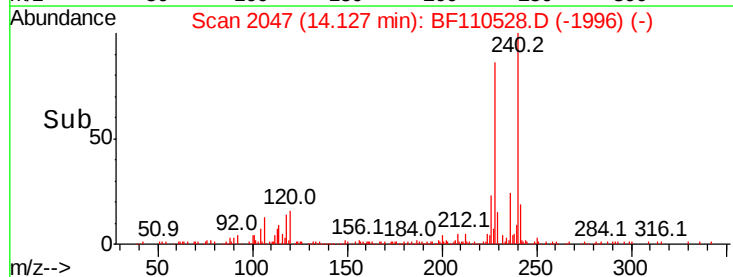
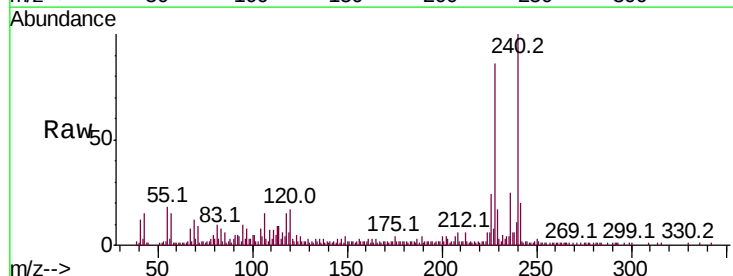
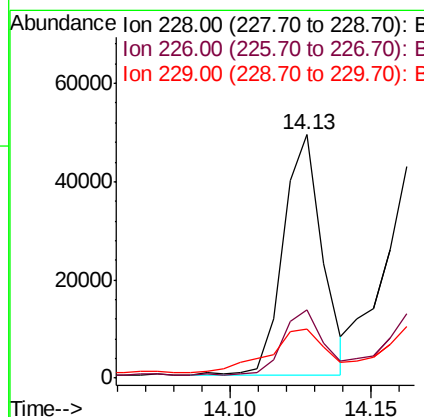
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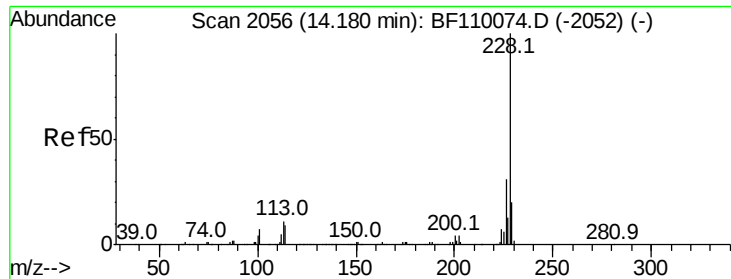
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#81
 Benzo(a)anthracene
 Concen: 4.584 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: BF110528.D
 Acq: 6 Nov 2018 21:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.1	33.1
229	20.1	15.6	23.4





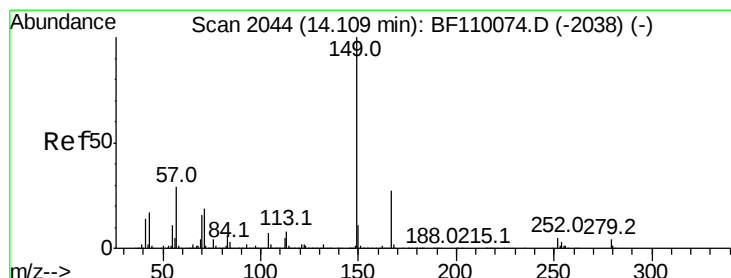
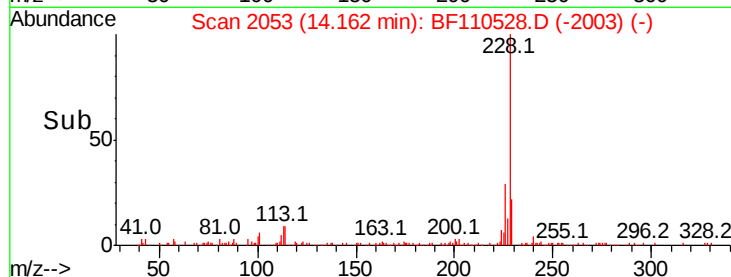
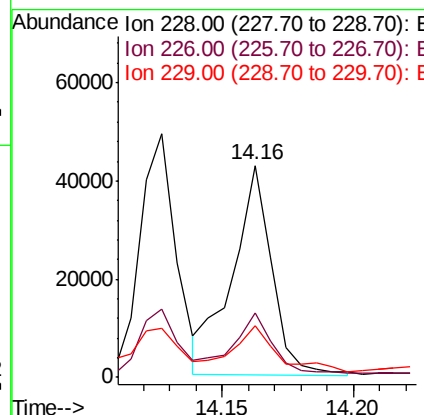
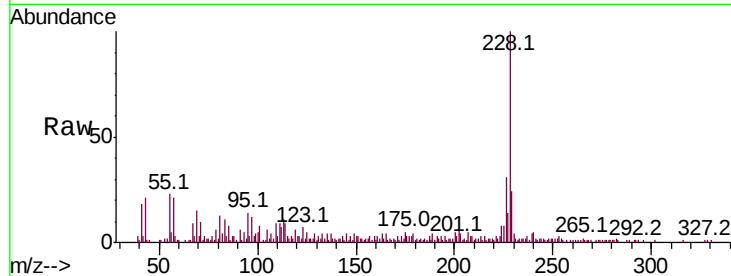
#83
 Chrysene
 Concen: 4.644 ng m
 RT: 14.16 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BF110528.D
 Acq: 6 Nov 2018 21:13

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-110218-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.7	37.1
229	24.2	15.9	23.9

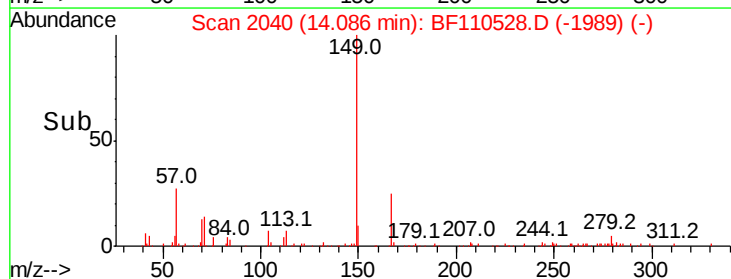
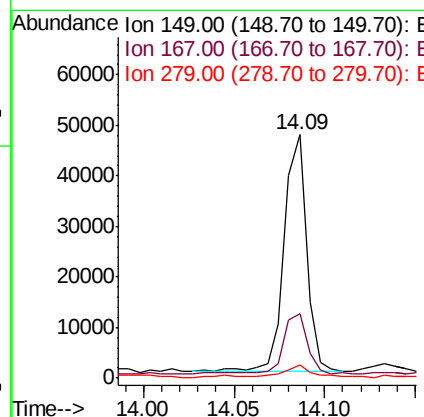
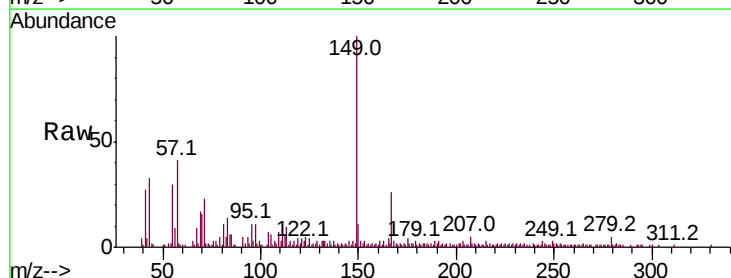
Manual Integrations
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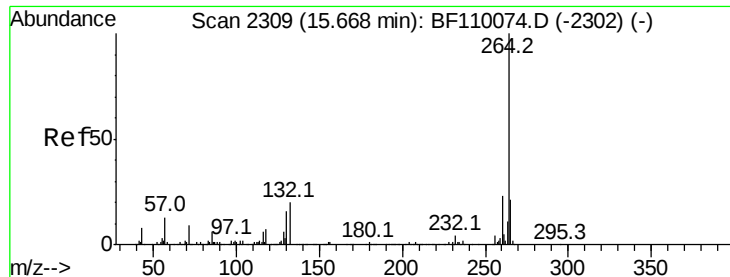
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 11/7/2018 2:54:37 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.534 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BF110528.D
 Acq: 6 Nov 2018 21:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.4	19.8	29.8
279	5.2	2.7	4.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2308

Delta R.T. 0.01 min

Lab File: BF110528.D

Acq: 6 Nov 2018 21:13

Instrument :

BNA_F

ClientSampleId :

JC-03-110218-A

Tot Ion:264 Resp: 118038

Ion Ratio Lower Upper

264 100

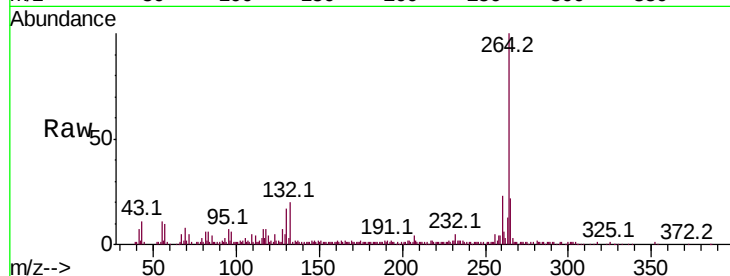
260 23.1 18.7 28.1

265 22.3 16.7 25.1

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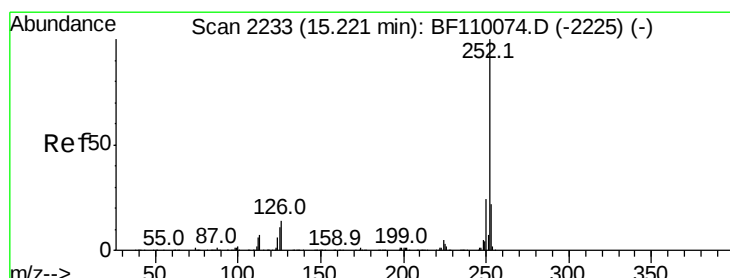
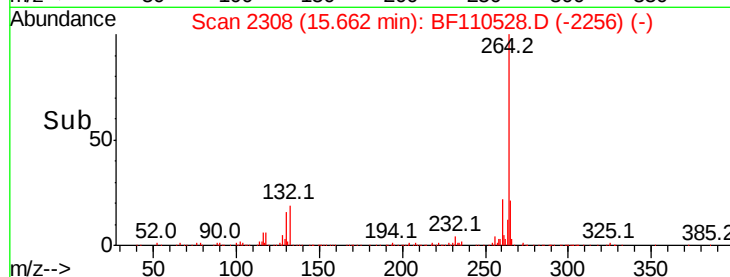
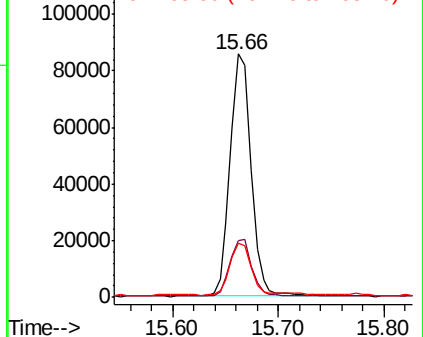


Abundance

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: 6.151 ng m

RT: 15.21 min Scan# 2231

Delta R.T. 0.01 min

Lab File: BF110528.D

Acq: 6 Nov 2018 21:13

Tgt Ion:252 Resp: 41924

Ion Ratio Lower Upper

252 100

253 30.8 17.2 25.8#

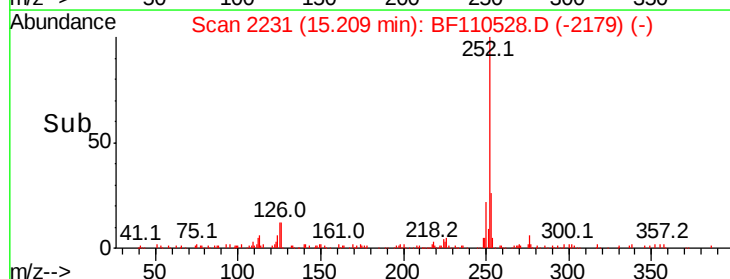
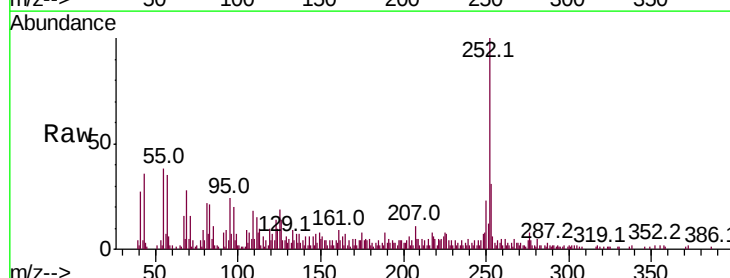
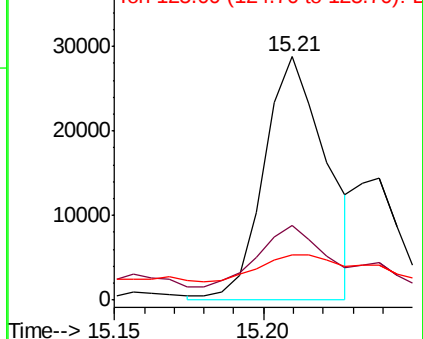
125 18.8 8.2 12.4#

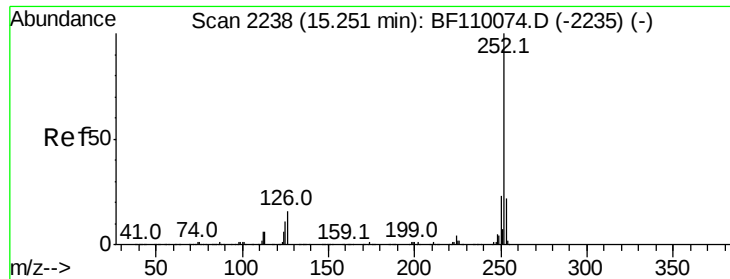
Abundance

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: 2.456 ng/mL

RT: 15.24 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BF110528.D

Acq: 6 Nov 2018 21:13

Instrument :

BNA_F

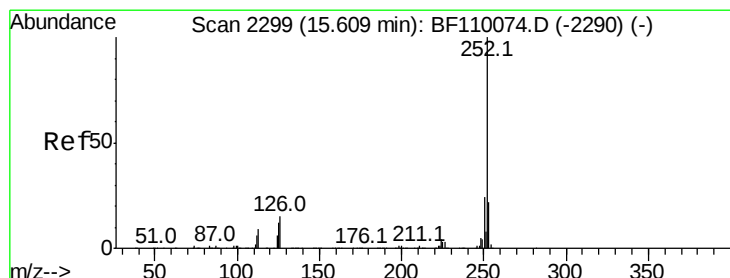
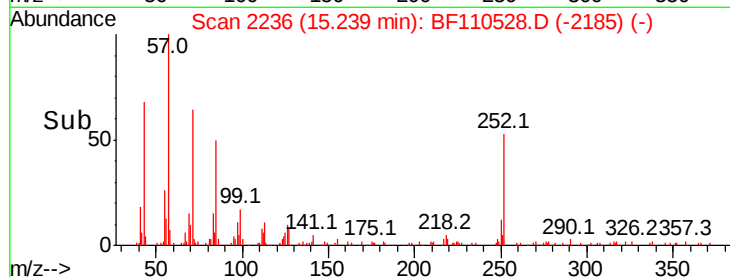
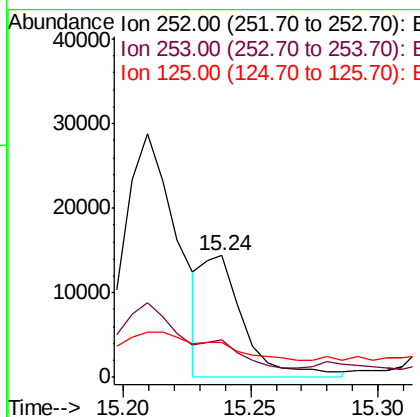
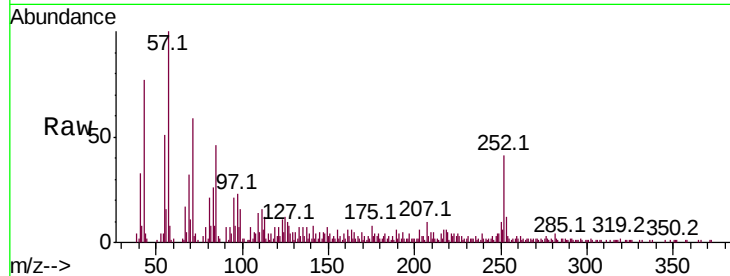
ClientSampleId :

JC-03-110218-A

Tot Ion:	252	Resp:	16461
Ion Ratio	Lower	Upper	
252	100		
253	30.7	17.2	25.8#
125	29.1	7.4	11.0#

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#90

Benzo(a)pyrene

Concen: 4.422 ng/mL

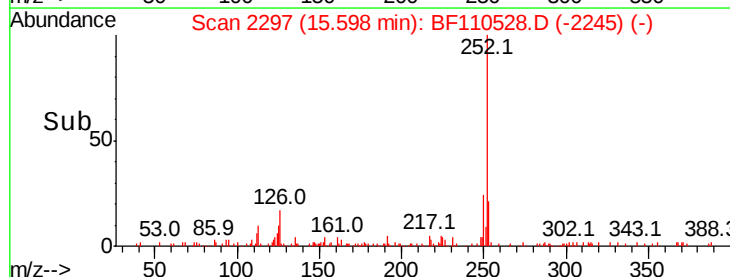
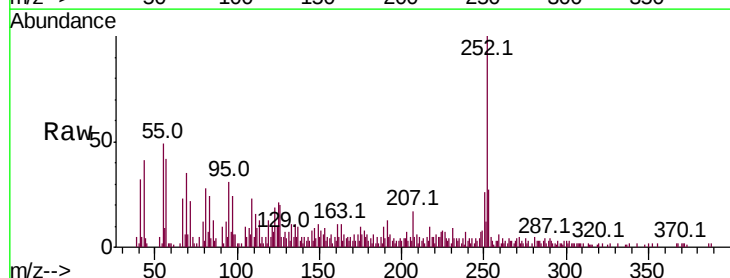
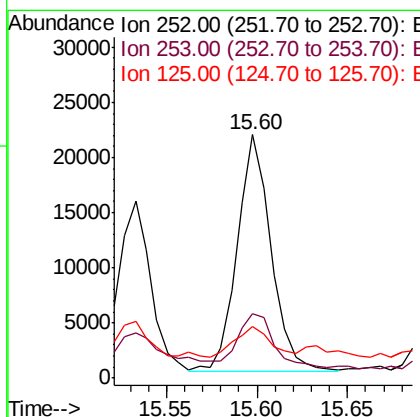
RT: 15.60 min Scan# 2297

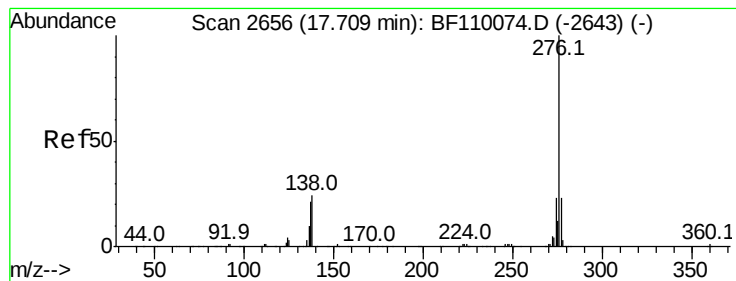
Delta R.T. 0.01 min

Lab File: BF110528.D

Acq: 6 Nov 2018 21:13

Tgt Ion:	252	Resp:	27737
Ion Ratio	Lower	Upper	
252	100		
253	26.6	18.2	27.4
125	21.1	9.0	13.6#





#92

Benzo(a,h,i)perylene

Concen: 3.302 ng

RT: 17.72 min Scan# 2658

Delta R.T. 0.02 min

Lab File: BF110528.D

Acq: 6 Nov 2018 21:13

Instrument :

BNA_F

ClientSampleId :

JC-03-110218-A

Tot Ion:	276	Resp:	17608
Ion Ratio	Lower	Upper	
276	100		
277	23.5	18.8	28.2
138	21.2	16.0	24.0

Manual Integrations
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