

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110529.D
 Acq On : 6 Nov 2018 21:40
 Operator : JU/SJ
 Sample : J5764-03 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Manual Integrations
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 11/7/2018 2:54:40 PM

Quant Time: Nov 07 12:38:51 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	90962	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	351126	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	136656	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	211996	20.00	ng	0.00
76) Chrysene-d12	14.14	240	160879	20.00	ng	0.00
87) Perylene-d12	15.67	264	109714	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	250663	44.88	ng	0.00
7) Phenol-d6	6.57	99	321064	44.94	ng	0.00
23) Nitrobenzene-d5	7.52	82	185379	31.31	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	51365	37.95	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	338743	38.92	ng	0.00
79) Terphenyl-d14	13.07	244	241539	31.22	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.70	163	44644	4.426	ng	99
71) Phenanthrene	11.51	178	165453	14.916	ng	98
72) Anthracene	11.56	178	38030	3.420	ng	96
75) Fluoranthene	12.70	202	195907	17.402	ng	100
78) Pyrene	12.94	202	163634	14.188	ng	98
81) Benzo(a)anthracene	14.13	228	73074	7.659	ng	95
83) Chrysene	14.16	228	59987	6.620	ng	97
84) Bis(2-ethylhexyl)phthalate	14.09	149	81373	12.025	ng	# 97
86) Indeno(1,2,3-cd)pyrene	17.24	276	20782	2.765	ng	99
88) Benzo(b)fluoranthene	15.21	252	62672m	9.892	ng	
89) Benzo(k)fluoranthene	15.24	252	15375m	2.468	ng	
90) Benzo(a)pyrene	15.60	252	37462	6.426	ng	# 90
92) Benzo(a,h,i)perylene	17.72	276	22684	4.576	ng	# 94

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

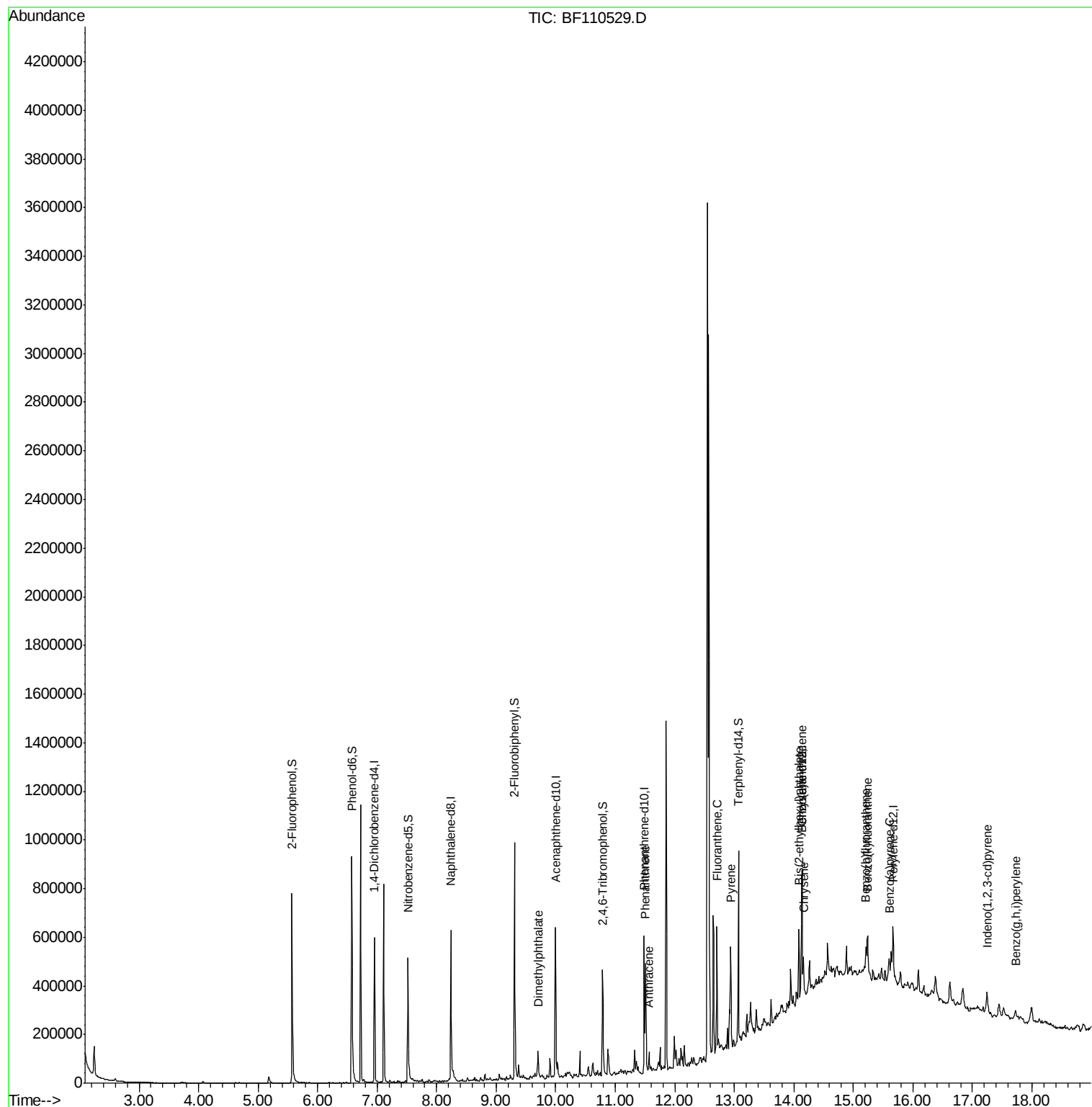
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110529.D
Acq On : 6 Nov 2018 21:40
Operator : JU/SJ
Sample : J5764-03 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

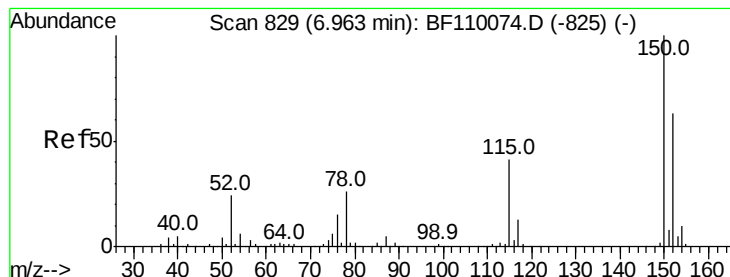
Instrument :
BNA_F
ClientSampleId :
JC-03-110218-B

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Quant Time: Nov 07 12:38:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
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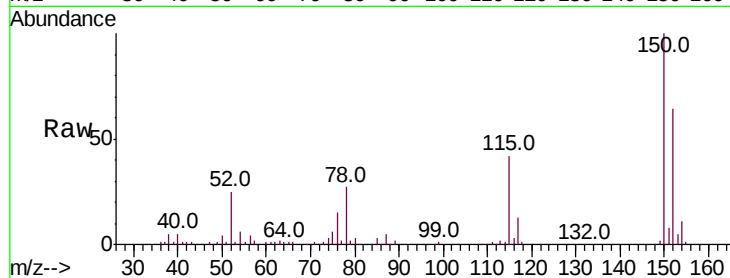
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF110529.D
 Acq: 6 Nov 2018 21:40

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	122.7	184.1
115	65.2	49.1	73.7

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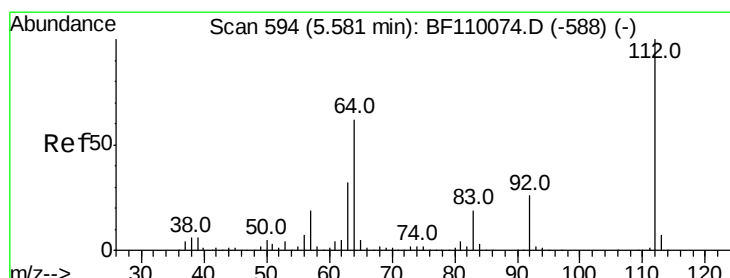
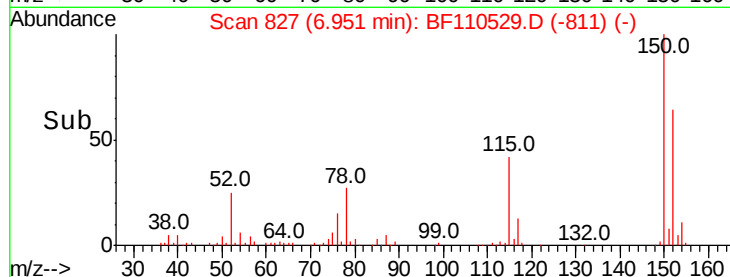
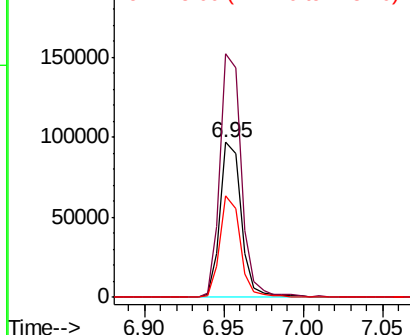


Abundance

Ion 152.00 (151.70 to 152.70): E

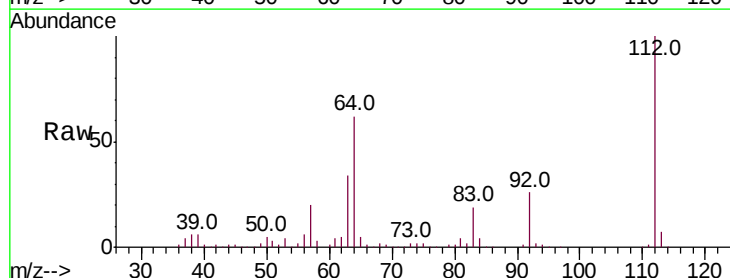
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 44.875 ng
 RT: 5.57 min Scan# 592
 Delta R.T. -0.01 min
 Lab File: BF110529.D
 Acq: 6 Nov 2018 21:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	44.1	66.1
63	33.5	23.7	35.5

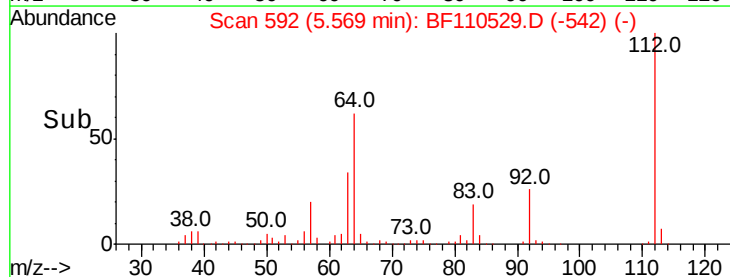
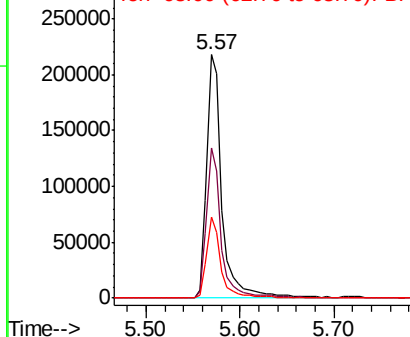


Abundance

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: 44.938 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110529.D

Acq: 6 Nov 2018 21:40

Instrument :

BNA_F

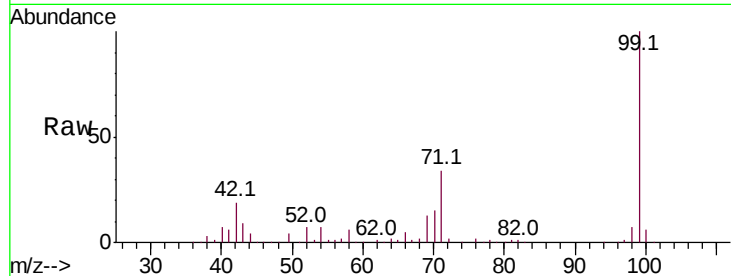
ClientSampleId :

JC-03-110218-B

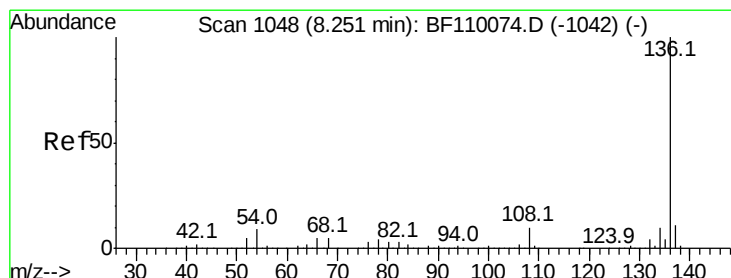
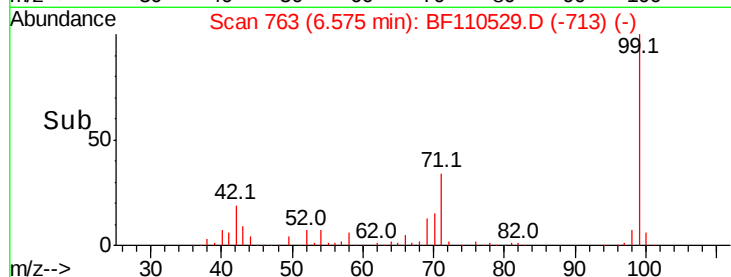
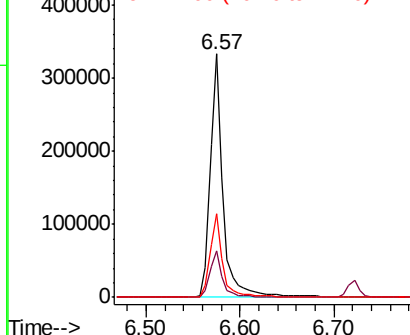
Tot Ion:	99	Resp:	321064
Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.8	23.6
71	34.2	28.0	42.0

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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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

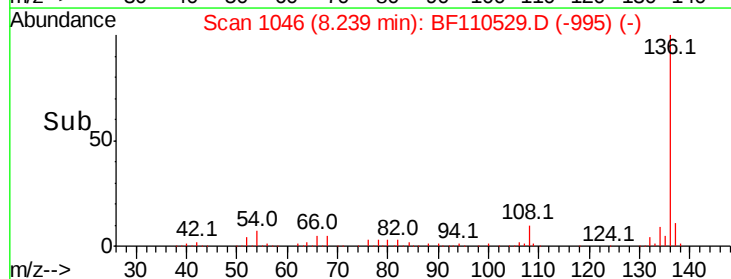
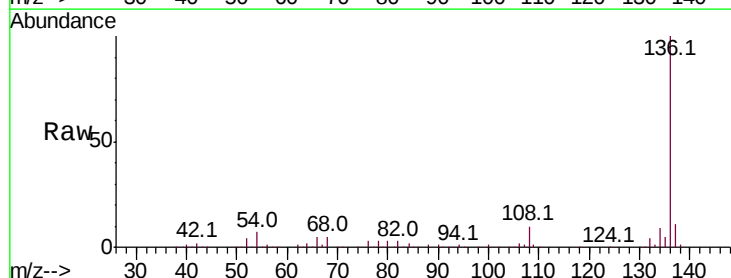
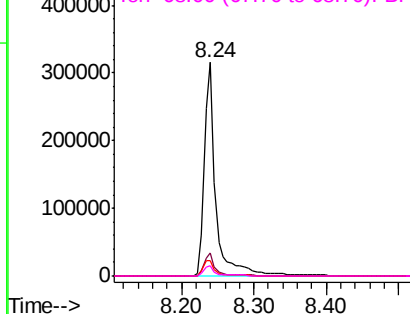
Delta R.T. 0.00 min

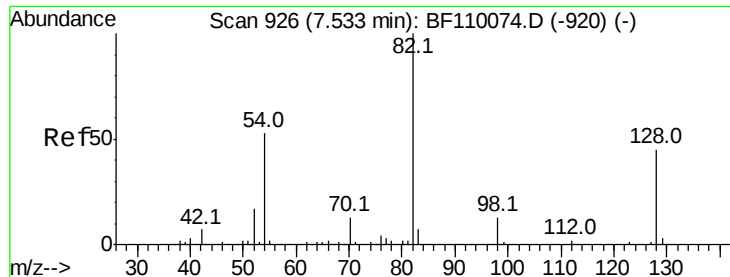
Lab File: BF110529.D

Acq: 6 Nov 2018 21:40

Tgt Ion:	136	Resp:	351126
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	7.4	5.4	8.2
68	4.7	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





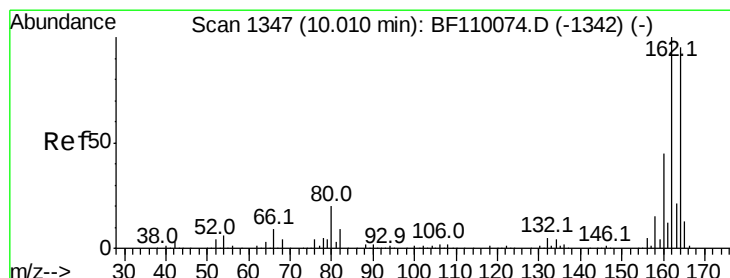
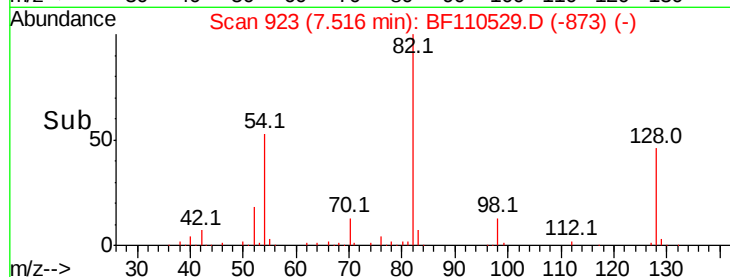
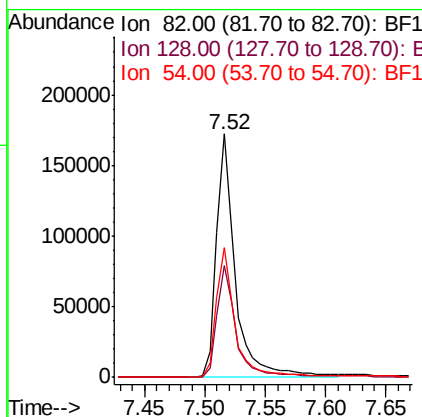
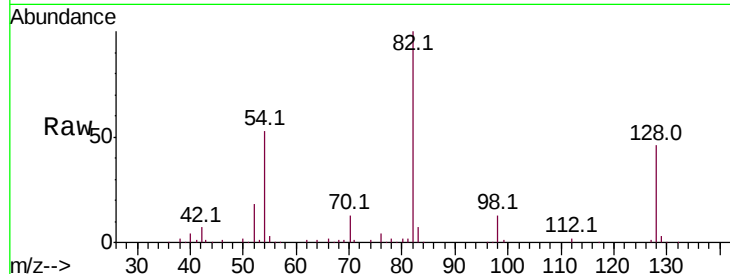
#23
 Nitrobenzene-d5
 Concen: 31.315 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF110529.D
 Acq: 6 Nov 2018 21:40

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.2	51.2
54	53.1	38.6	58.0

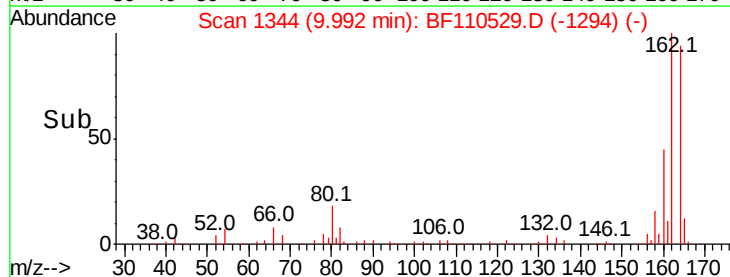
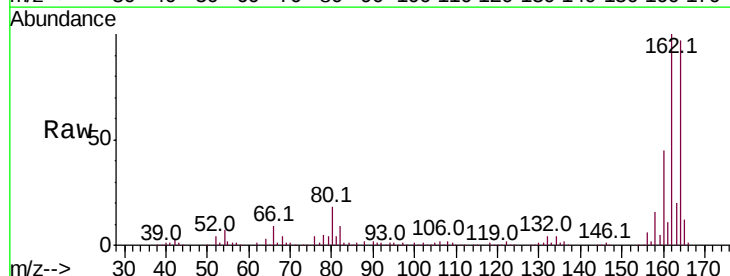
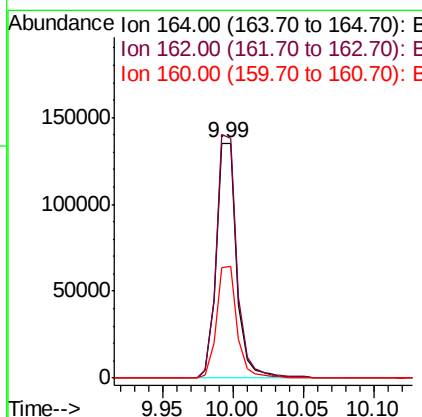
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: BF110529.D
 Acq: 6 Nov 2018 21:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.0	124.6
160	46.9	37.0	55.6





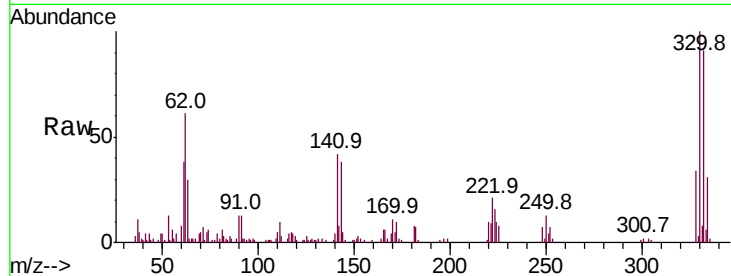
#42
 2,4,6-Tribromophenol
 Concen: 37.945 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF110529.D
 Acq: 6 Nov 2018 21:40

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.1	115.7
141	39.4	27.0	40.4

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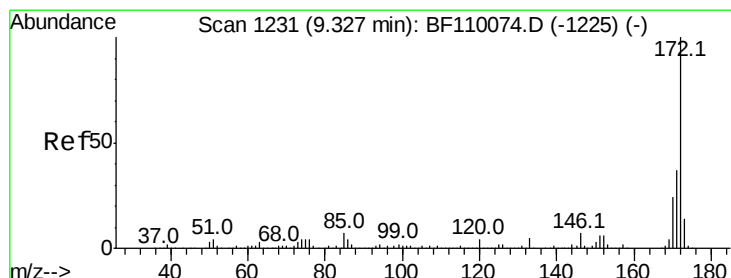
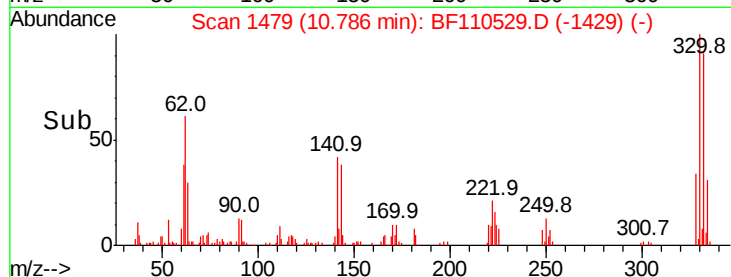
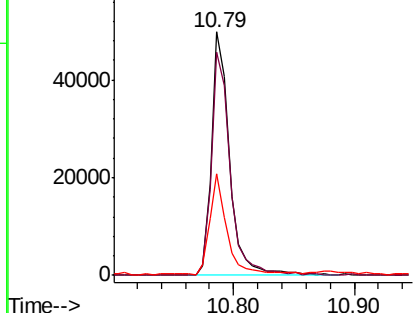


Abundance

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: 38.924 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110529.D
 Acq: 6 Nov 2018 21:40

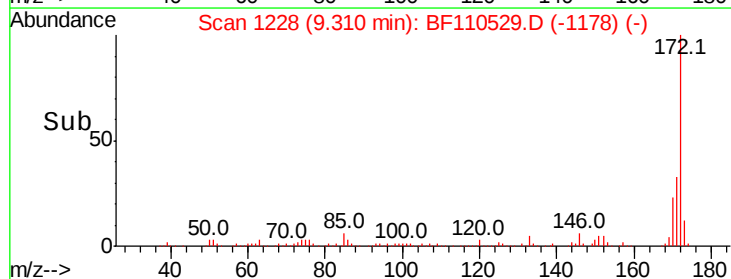
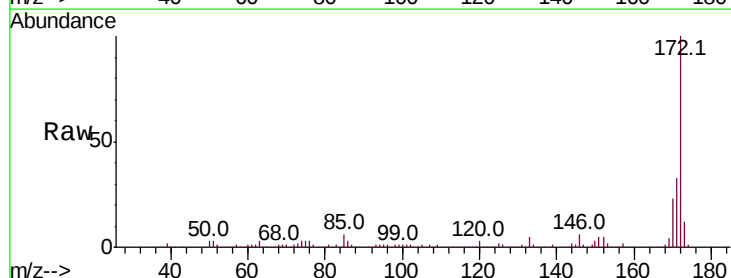
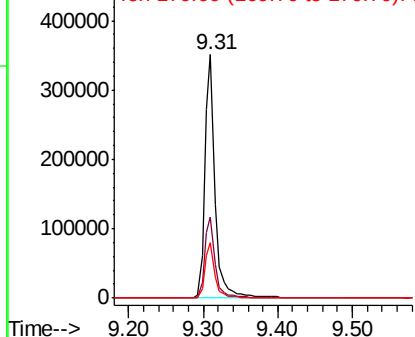
Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.4	28.6	43.0
170	23.0	19.7	29.5

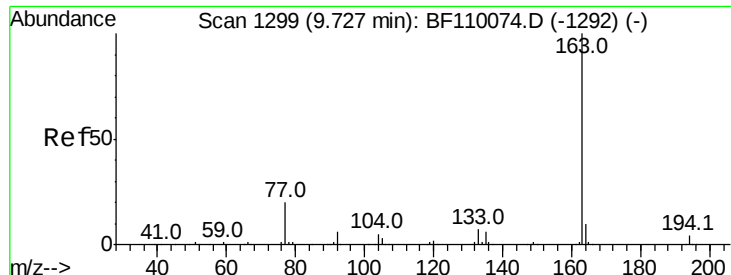
Abundance

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





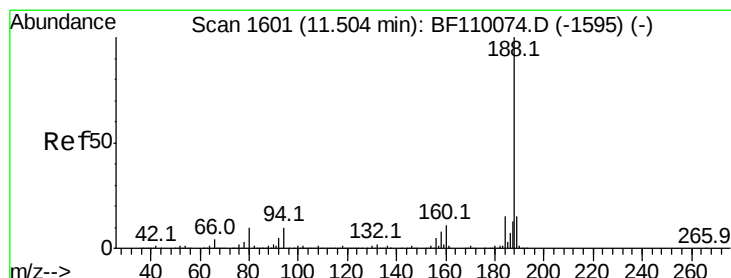
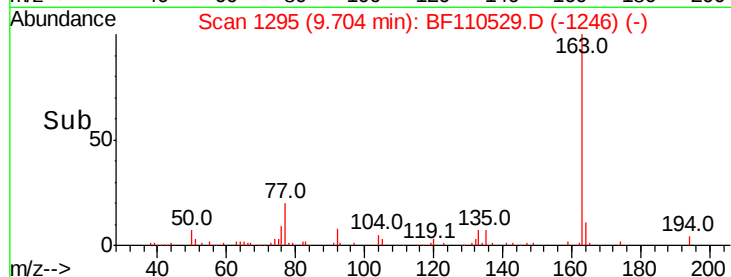
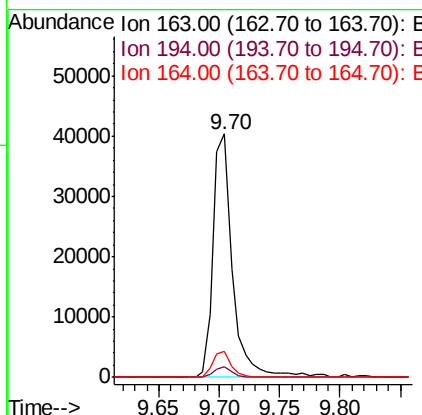
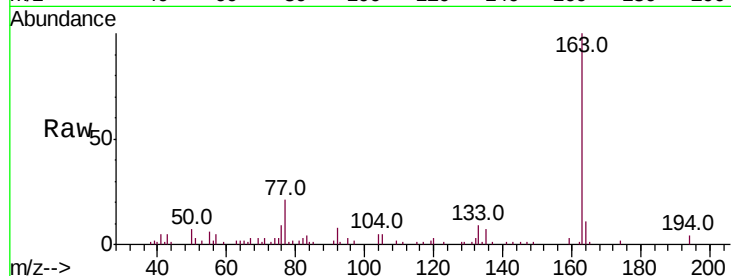
#50
Dimethylphthalate
Concen: 4.426 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110529.D
Acq: 6 Nov 2018 21:40

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

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.2	4.8
164	10.7	8.1	12.1

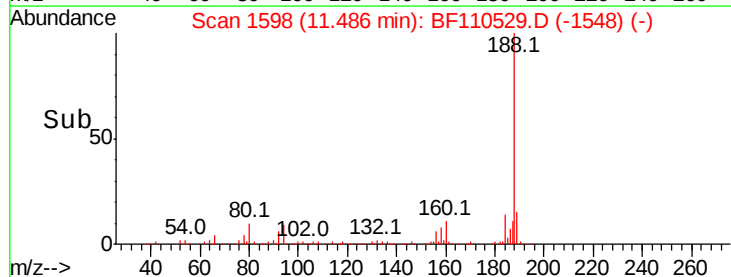
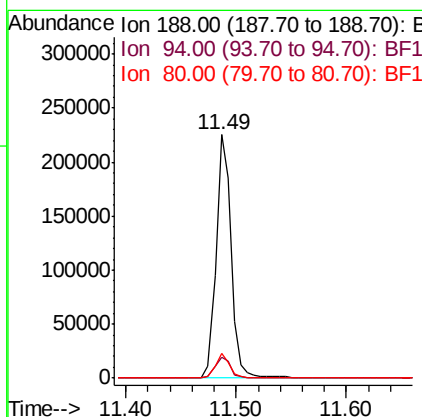
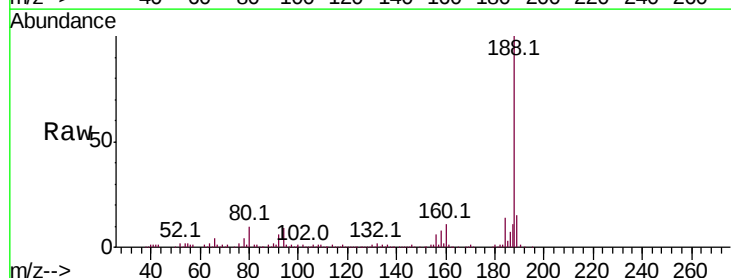
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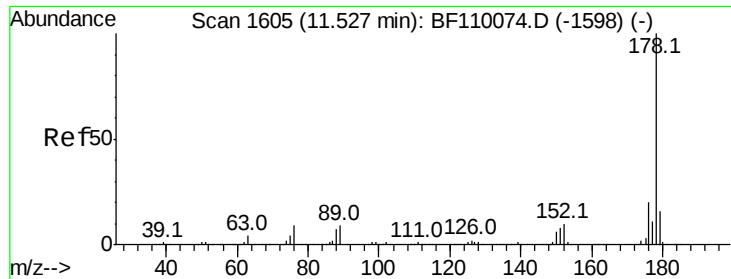
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110529.D
Acq: 6 Nov 2018 21:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	9.9	7.9	11.9





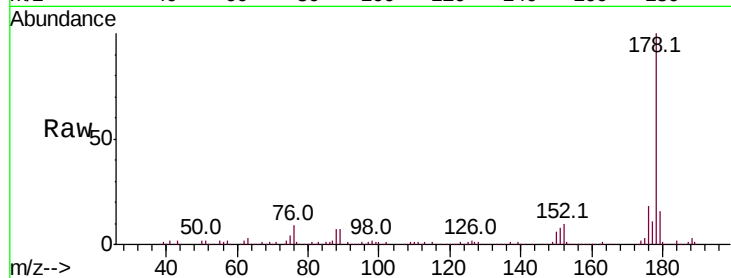
#71
Phenanthrene
Concen: 14.916 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF110529.D
Acq: 6 Nov 2018 21:40

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.5	23.3
179	15.7	12.5	18.7

Manual Integrations
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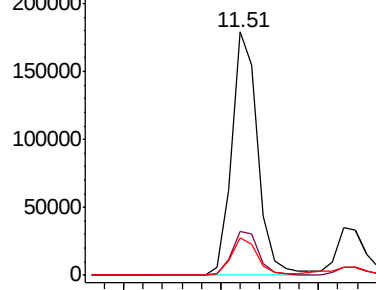


Abundance

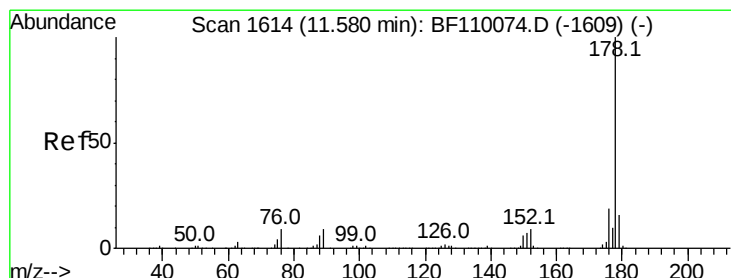
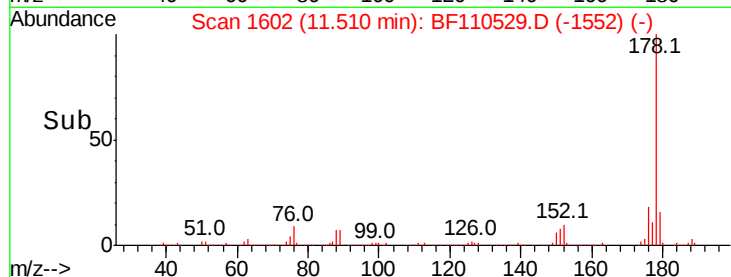
Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72
Anthracene
Concen: 3.420 ng
RT: 11.56 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BF110529.D
Acq: 6 Nov 2018 21:40

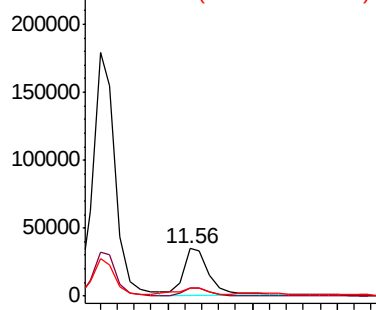
Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.4	23.2
179	17.4	12.6	18.8

Abundance

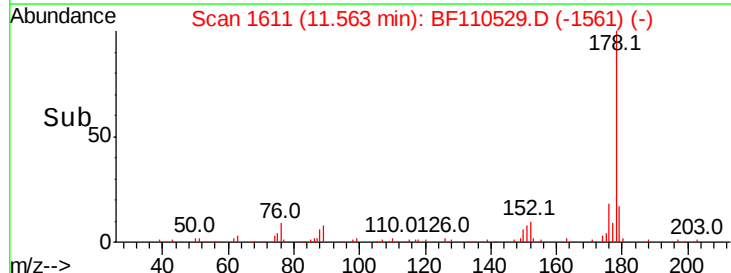
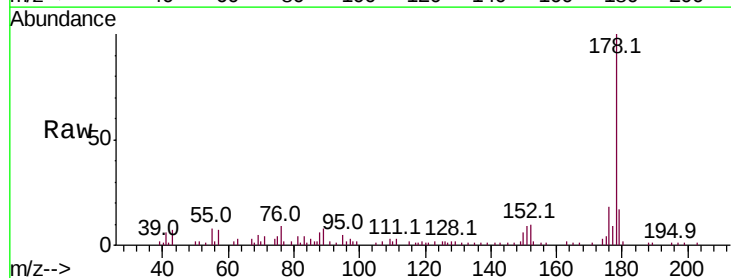
Ion 178.00 (177.70 to 178.70): E

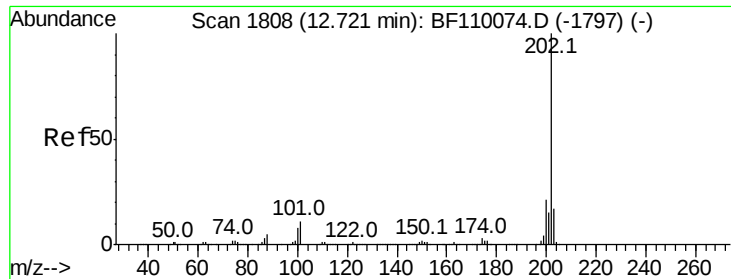
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#75

Fluoranthene

Concen: 17.402 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF110529.D

Acq: 6 Nov 2018 21:40

Instrument :

BNA_F

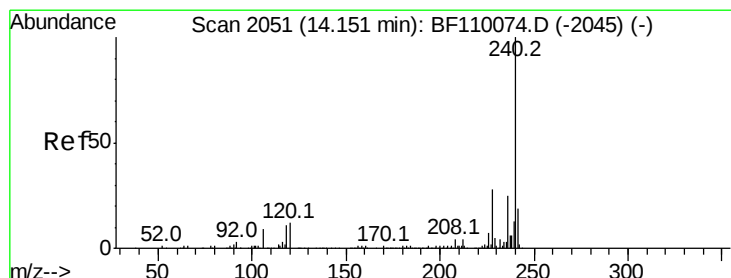
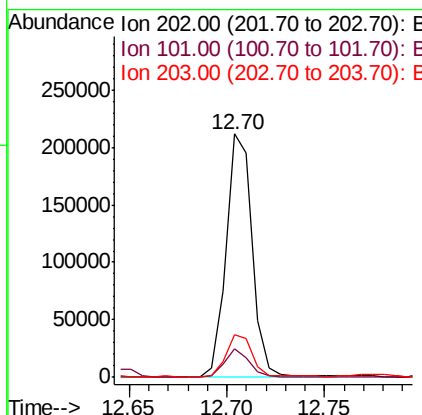
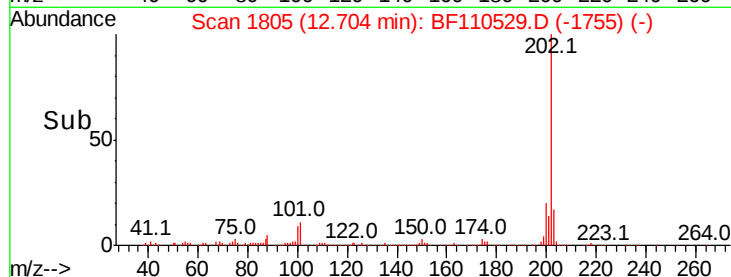
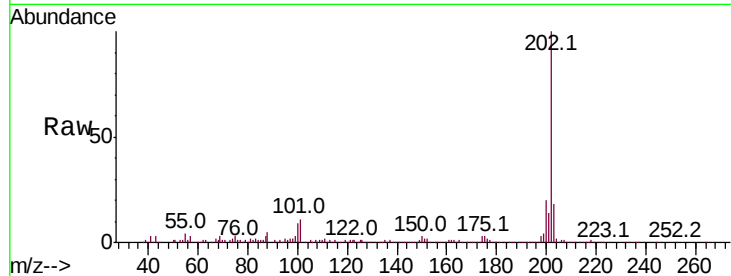
ClientSampleId :

JC-03-110218-B

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.5	0.0	31.4
203	17.6	0.0	37.7

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#76

Chrysene-d12

Concen: 20.000 ng

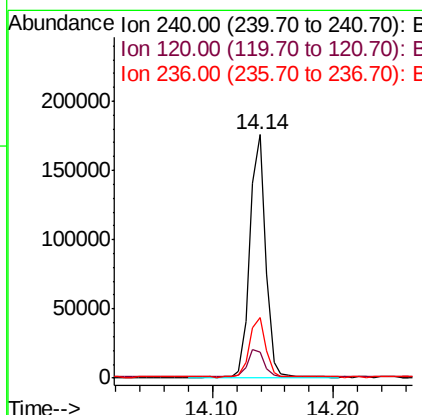
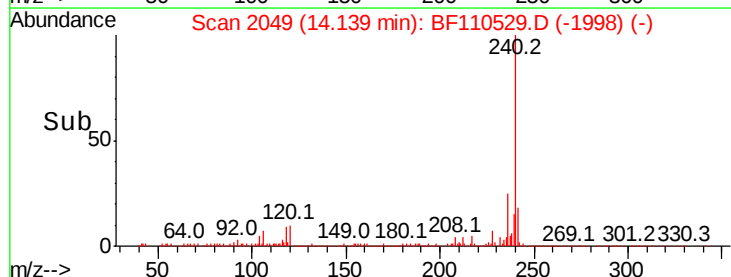
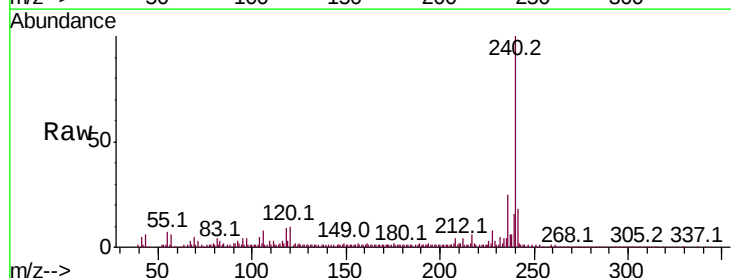
RT: 14.14 min Scan# 2049

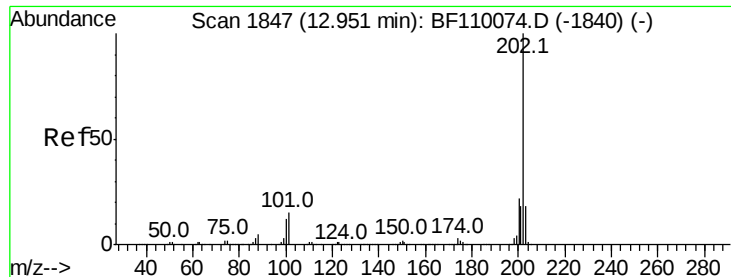
Delta R.T. 0.00 min

Lab File: BF110529.D

Acq: 6 Nov 2018 21:40

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.5	8.3	12.5
236	25.1	21.2	31.8





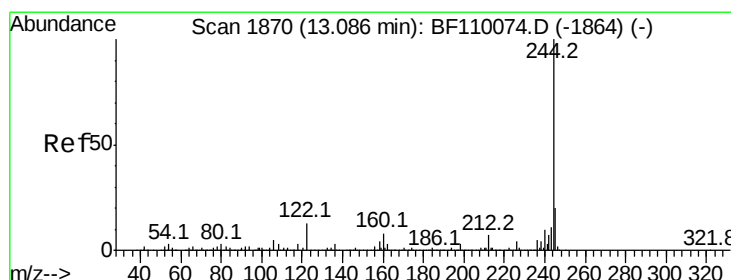
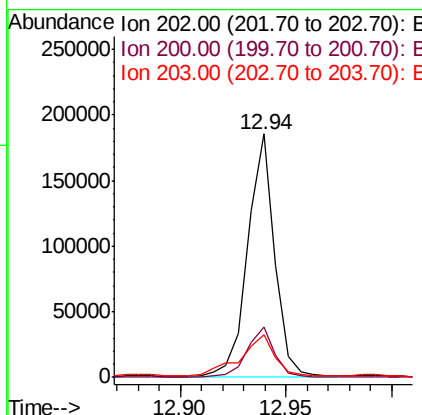
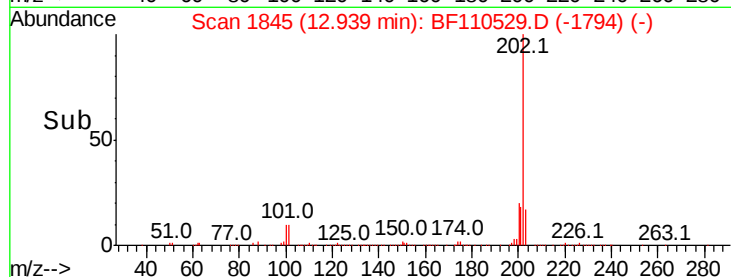
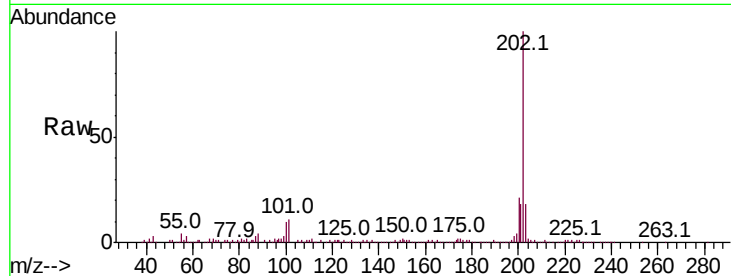
#78
Pvrene
Concen: 14.188 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF110529.D
Acq: 6 Nov 2018 21:40

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

Tot Ion:	202	Resp:	163634
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.8	26.6
203	17.5	14.2	21.4

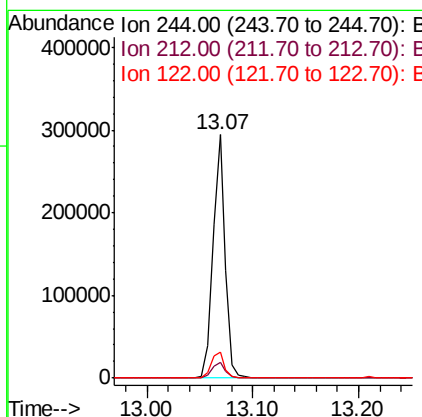
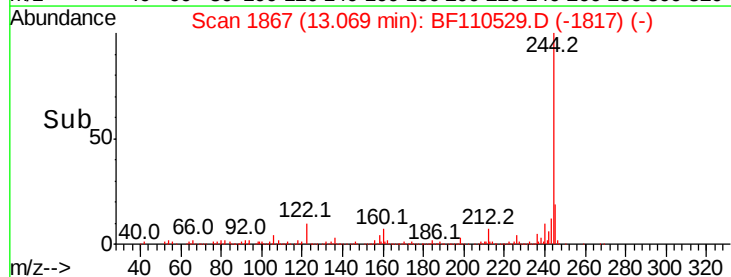
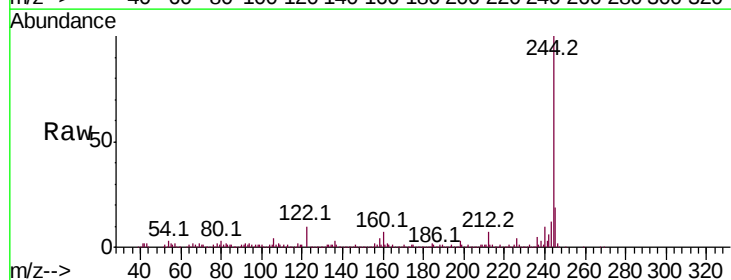
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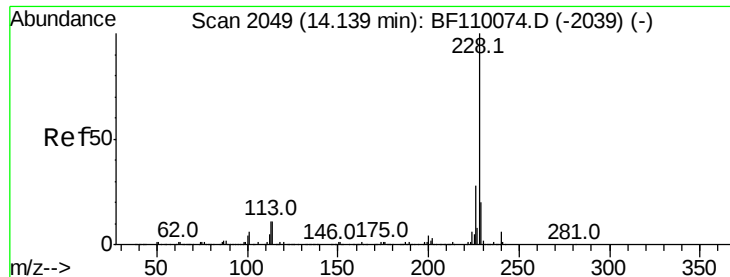
Sohil
11/7/2018 2:54:40 PM



#79
Terphenyl-d14
Concen: 31.224 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110529.D
Acq: 6 Nov 2018 21:40

Tgt Ion:	244	Resp:	241539
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.8	8.8
122	10.4	8.7	13.1





#81

Benzo(a)anthracene

Concen: 7.659 ng

RT: 14.13 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BF110529.D

Acq: 6 Nov 2018 21:40

Instrument :

BNA_F

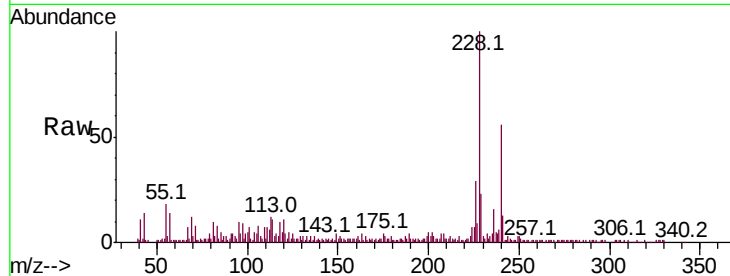
ClientSampleId :

JC-03-110218-B

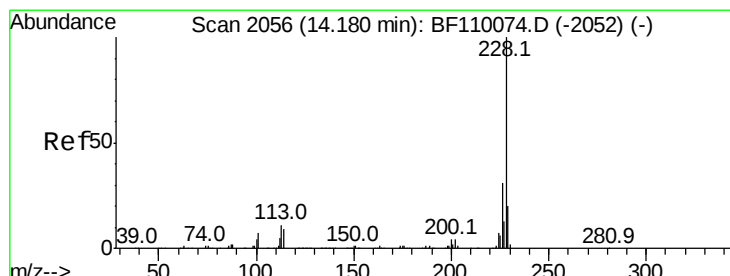
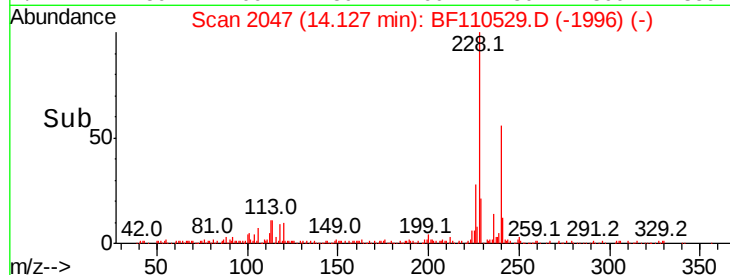
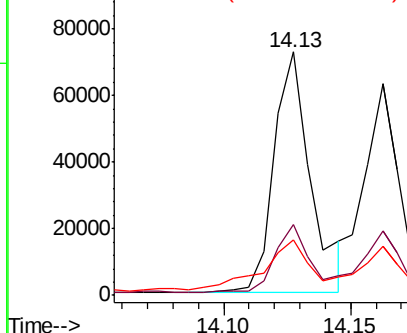
Tot Ion:	228	Resp:	73074
Ion Ratio	Lower	Upper	
228	100		
226	29.0	22.1	33.1
229	23.0	15.6	23.4

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11/7/2018 2:54:40 PM



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: 6.620 ng

RT: 14.16 min Scan# 2053

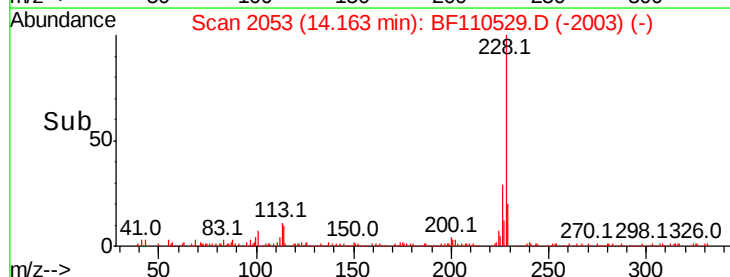
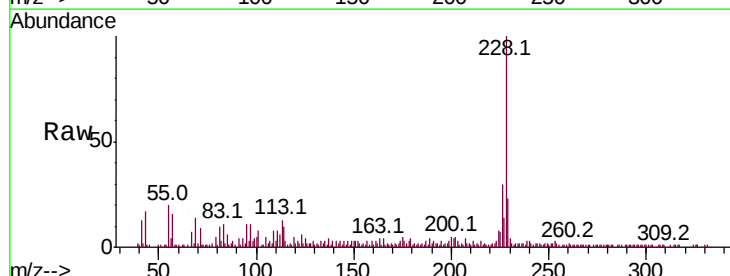
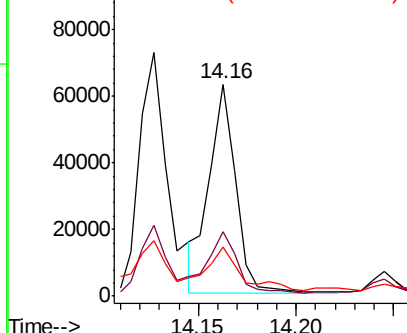
Delta R.T. -0.01 min

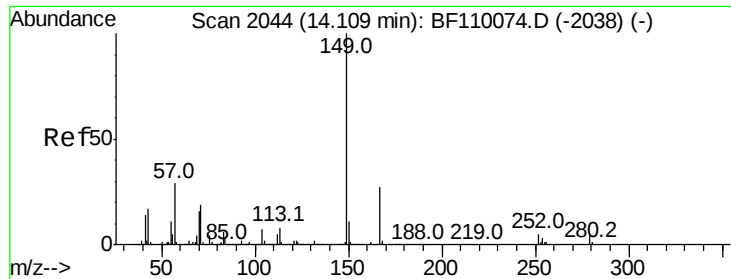
Lab File: BF110529.D

Acq: 6 Nov 2018 21:40

Tgt Ion:	228	Resp:	59987
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.7	37.1
229	22.9	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





#84

Bis(2-ethylhexyl)phthalate

Concen: 12.025 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BF110529.D

Acq: 6 Nov 2018 21:40

Instrument :

BNA_F

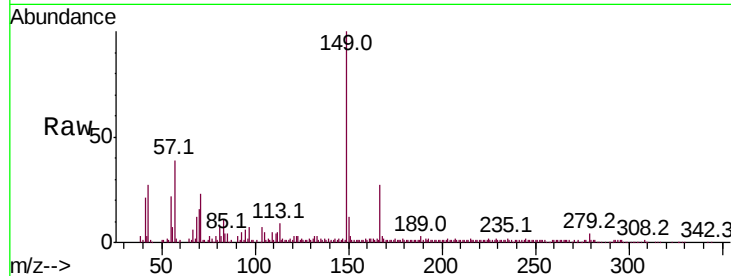
ClientSampleId :

JC-03-110218-B

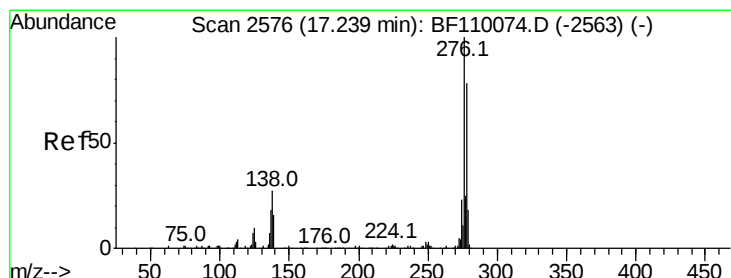
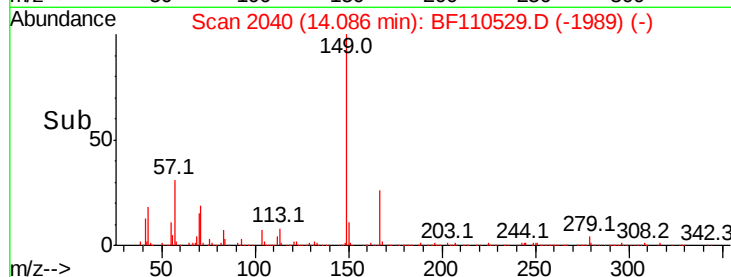
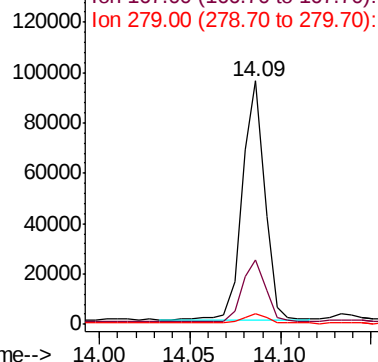
Tot Ion:	149	Resp:	81373
Ion Ratio	Lower	Upper	
149	100		
167	26.5	19.8	29.8
279	4.2	2.7	4.1#

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11/7/2018 2:54:40 PM



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: 2.765 ng

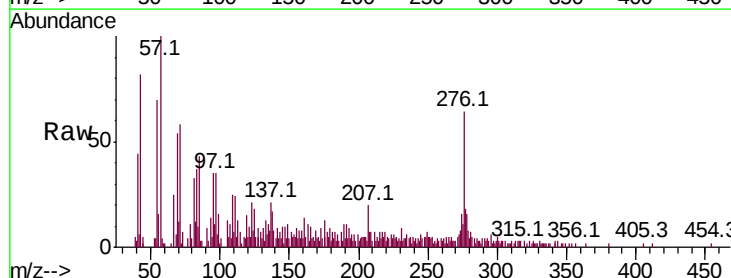
RT: 17.24 min Scan# 2576

Delta R.T. 0.01 min

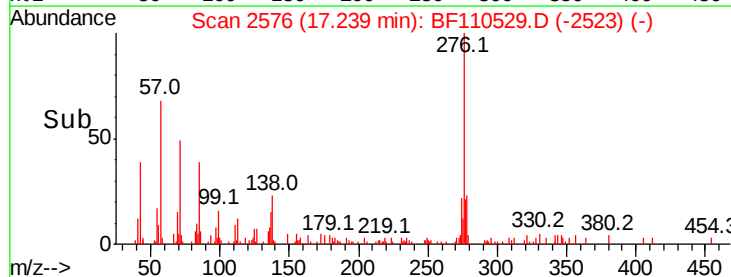
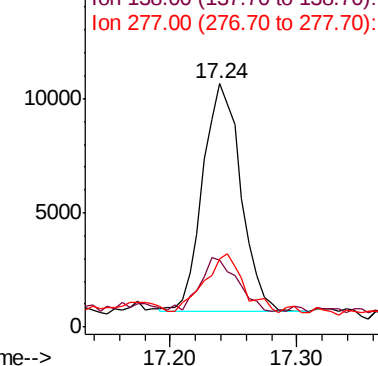
Lab File: BF110529.D

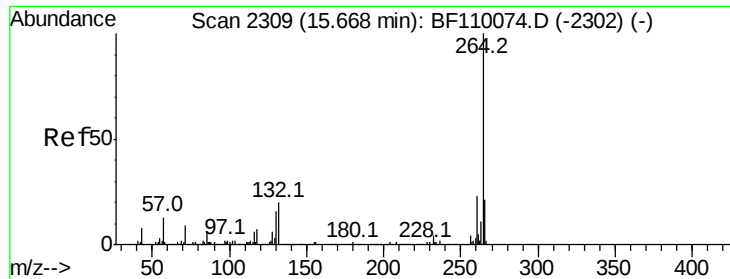
Acq: 6 Nov 2018 21:40

Tgt Ion:	276	Resp:	20782
Ion Ratio	Lower	Upper	
276	100		
138	22.9	18.5	27.7
277	25.4	20.0	30.0



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





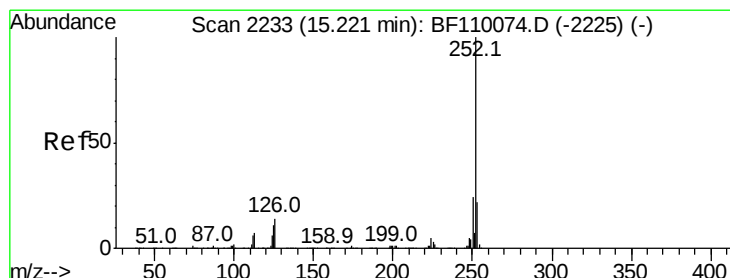
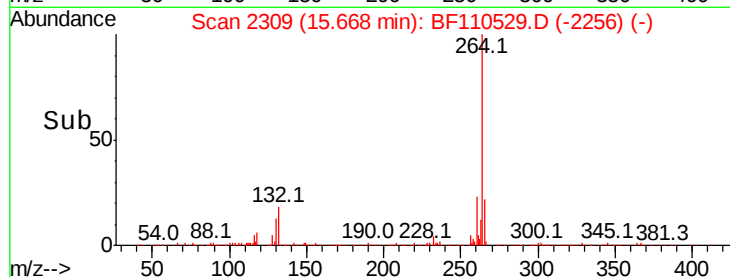
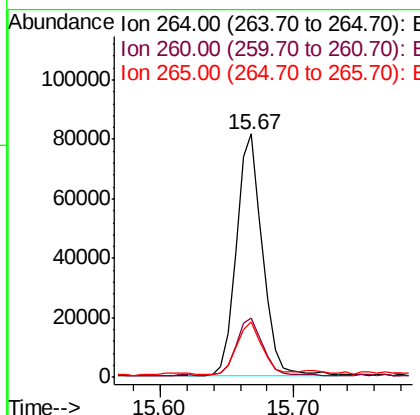
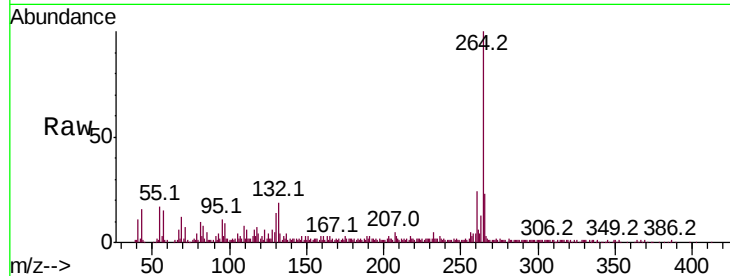
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110529.D
Acq: 6 Nov 2018 21:40

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	23.0	16.7	25.1

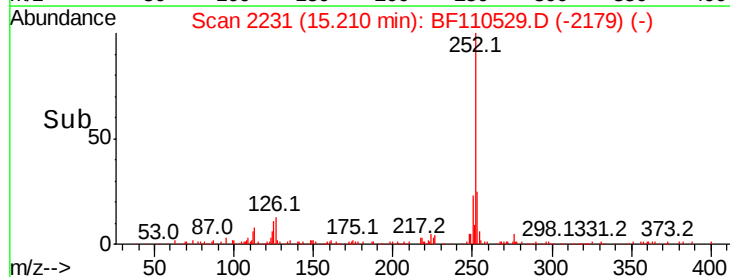
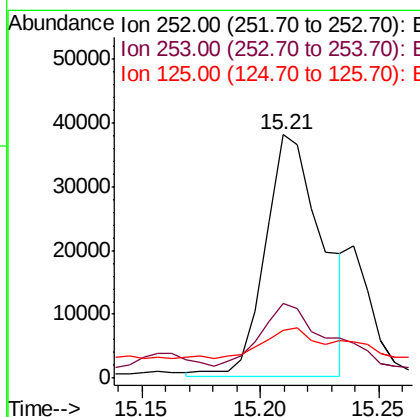
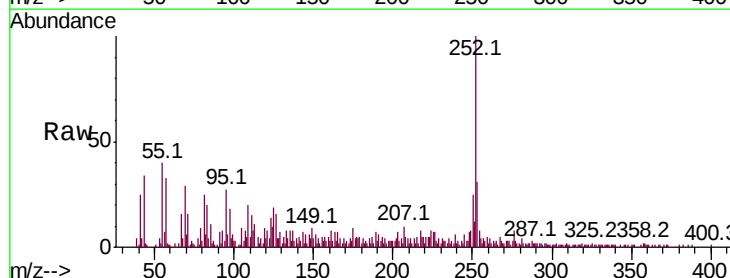
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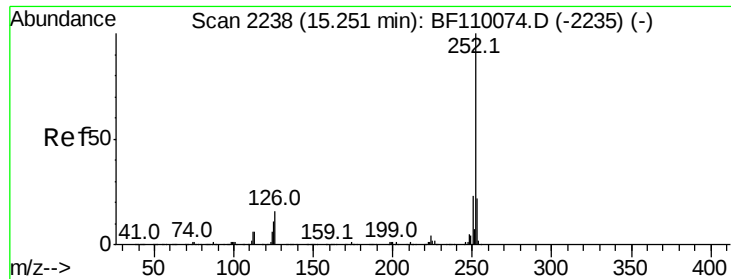
Sohil
11/7/2018 2:54:40 PM



#88
Benzo(b)fluoranthene
Concen: 9.892 ng m
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110529.D
Acq: 6 Nov 2018 21:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.9	17.2	25.8#
125	19.4	8.2	12.4#





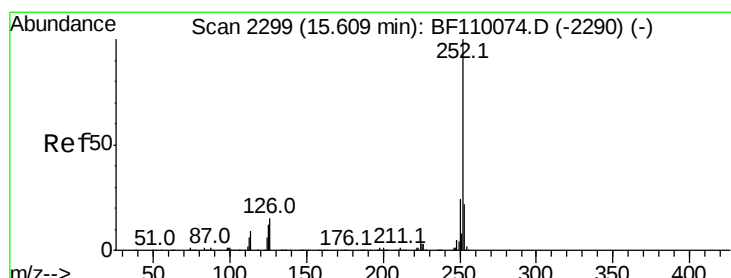
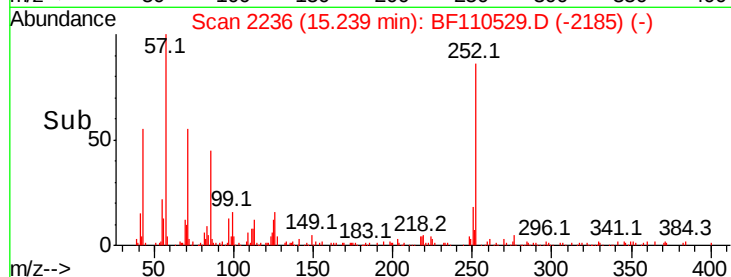
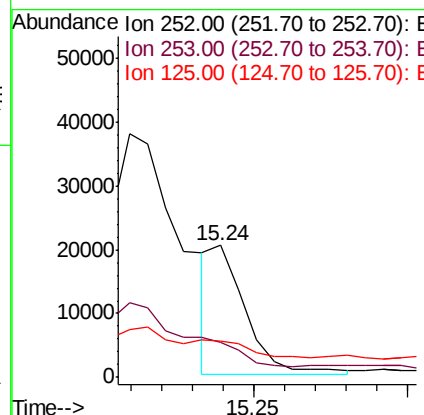
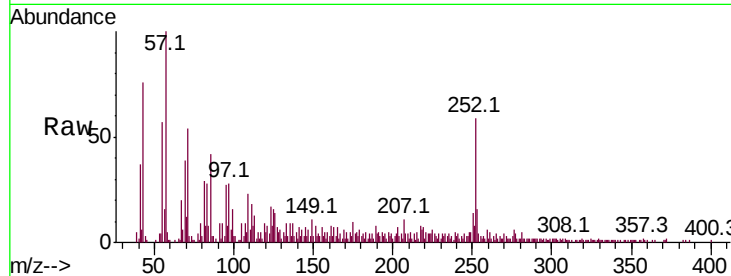
#89
Benzo(k)fluoranthene
Concen: 2.468 ng m
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF110529.D
Acq: 6 Nov 2018 21:40

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.2	25.8#
125	27.9	7.4	11.0#

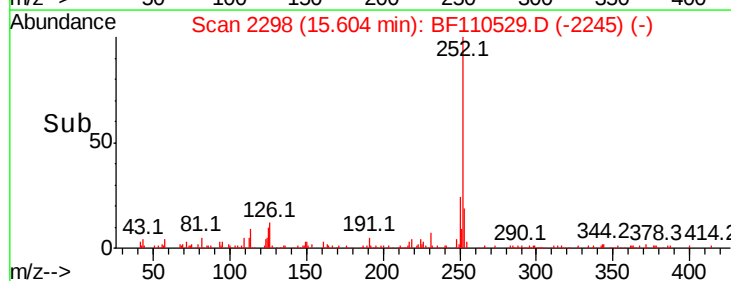
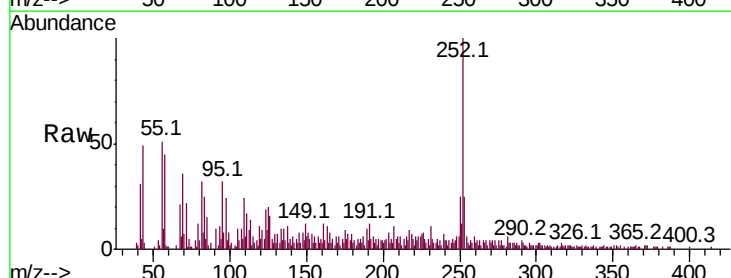
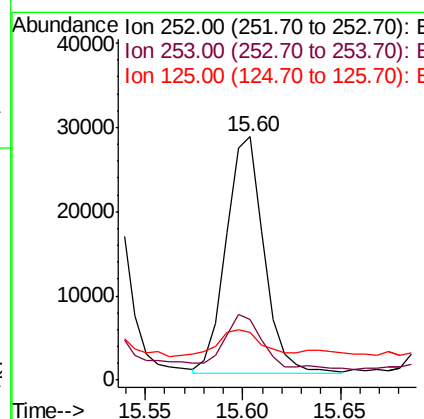
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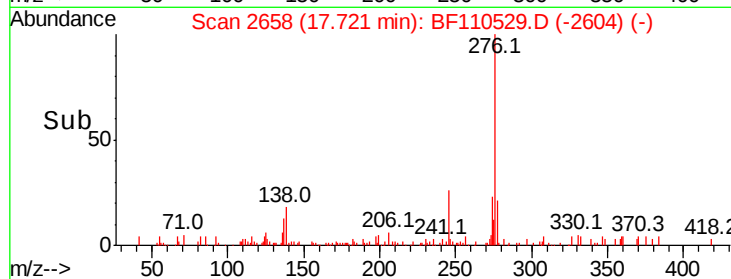
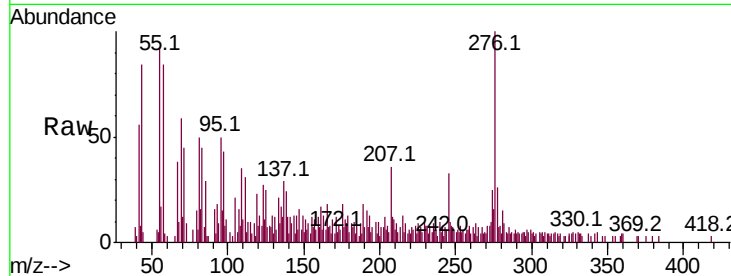
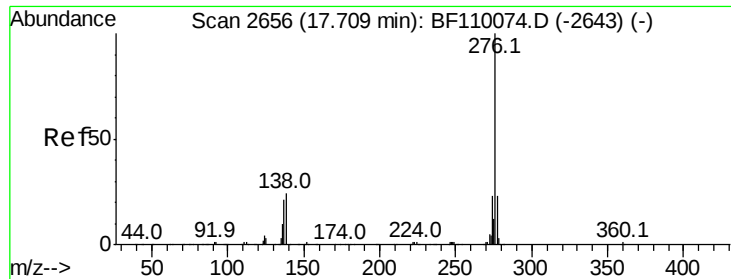
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#90
Benzo(a)pyrene
Concen: 6.426 ng
RT: 15.60 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BF110529.D
Acq: 6 Nov 2018 21:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.2	27.4
125	19.6	9.0	13.6#





#92
 Benzo(a,h,i)perylene
 Concen: 4.576 ng
 RT: 17.72 min Scan# 2658
 Delta R.T. 0.02 min
 Lab File: BF110529.D
 Acq: 6 Nov 2018 21:40

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

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.6	18.8	28.2
138	24.0	16.0	24.0

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