

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110530.D
 Acq On : 6 Nov 2018 22:07
 Operator : JU/SJ
 Sample : J5764-05 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Nov 07 12:43:22 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	6.96	152	86786	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	329927	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	125354	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	198547	20.00	ng	0.00
76) Chrysene-d12	14.14	240	154645	20.00	ng	0.00
87) Perylene-d12	15.66	264	107560	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	254799	47.81	ng	0.00
7) Phenol-d6	6.57	99	330204	48.44	ng	0.00
23) Nitrobenzene-d5	7.52	82	188765	33.94	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	51487	41.46	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	356539	44.66	ng	0.00
79) Terphenyl-d14	13.07	244	273760	36.82	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.70	163	44187	4.775	ng	Qvalue 100
71) Phenanthrene	11.52	178	24674	2.375	ng	98
75) Fluoranthene	12.71	202	41709	3.956	ng	99
78) Pyrene	12.94	202	39120	3.529	ng	98
81) Benzo(a)anthracene	14.13	228	20796	2.268	ng	93
83) Chrysene	14.16	228	18333	2.105	ng	95
88) Benzo(b)fluoranthene	15.21	252	15883m	2.557	ng	
90) Benzo(a)pyrene	15.60	252	14006	2.451	ng	# 77

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

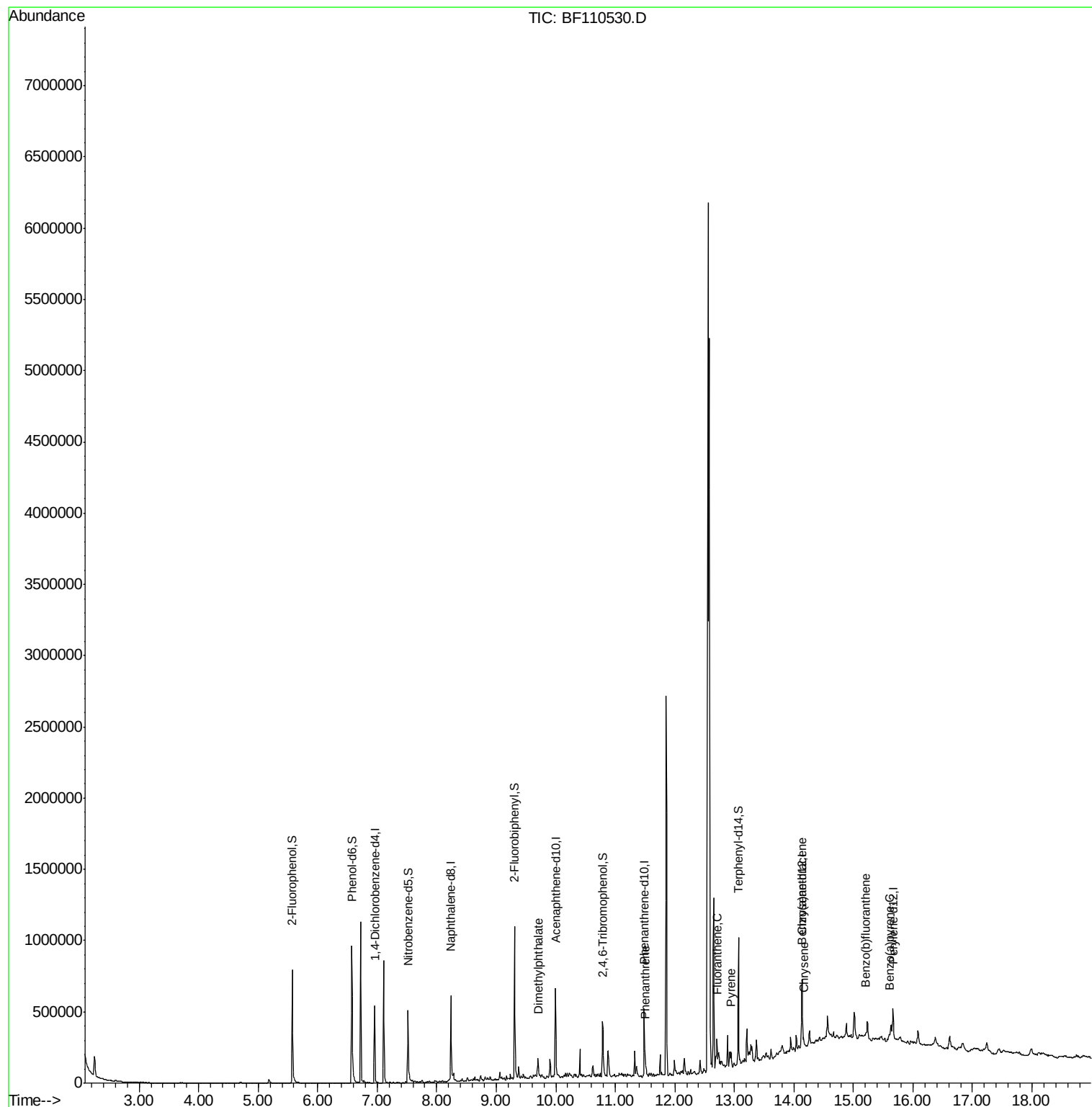
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
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Misc :
ALS Vial : 16 Sample Multiplier: 1

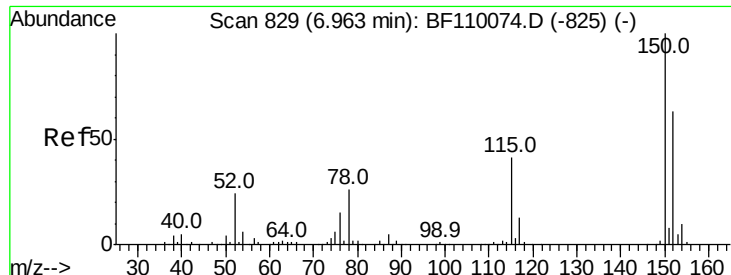
Instrument :
BNA_F
ClientSampleId :
JC-03-110218-C

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Quant Time: Nov 07 12:43:22 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

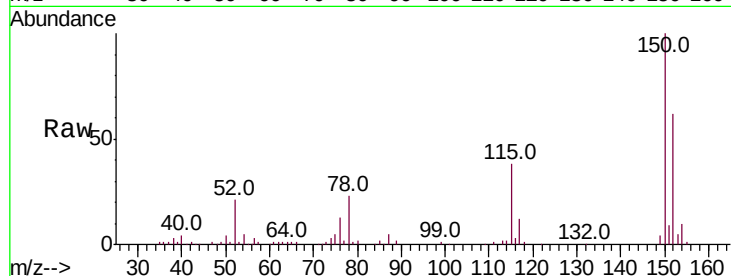
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110530.D
Acq: 6 Nov 2018 22:07

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	122.7	184.1
115	60.8	49.1	73.7

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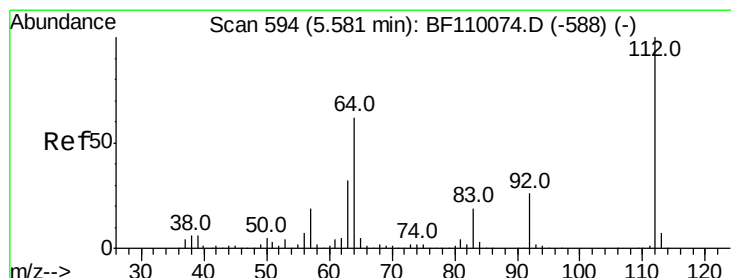
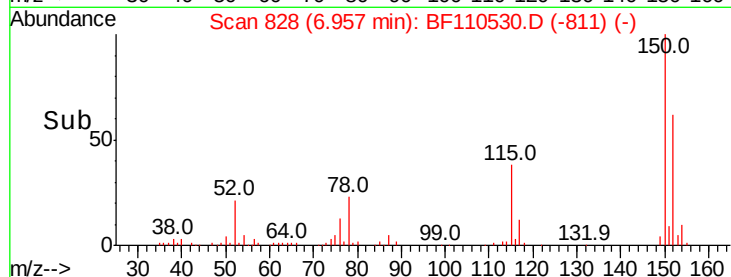
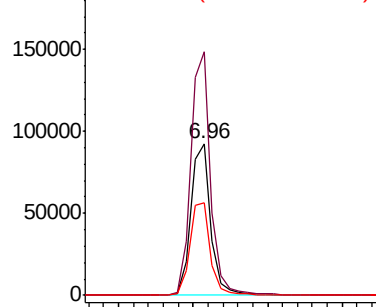


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

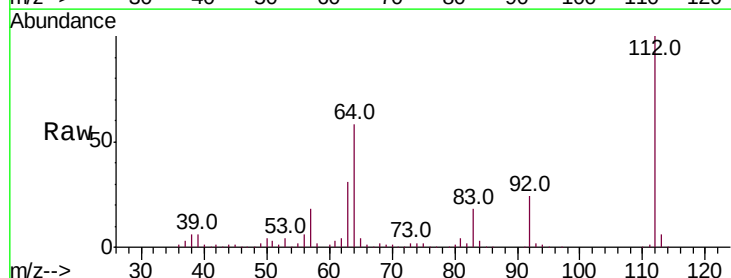
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 47.810 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110530.D
Acq: 6 Nov 2018 22:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	44.1	66.1
63	30.6	23.7	35.5

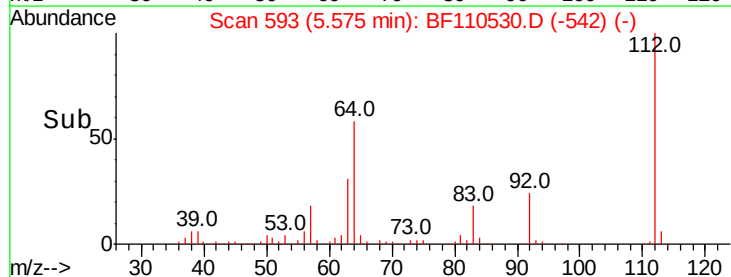
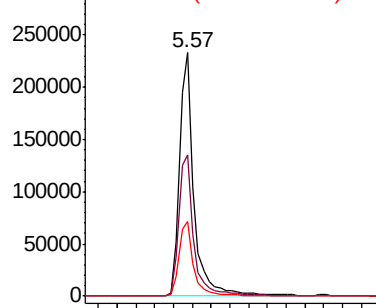


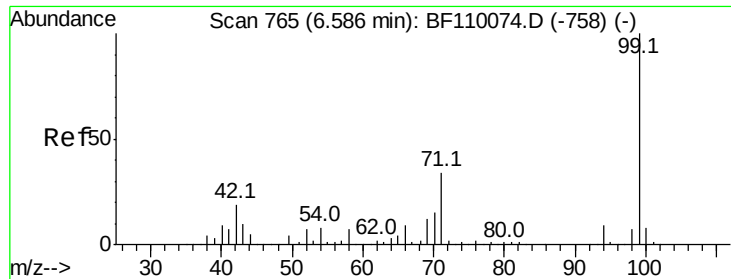
Abundance

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: 48.441 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110530.D

Acq: 6 Nov 2018 22:07

Instrument :

BNA_F

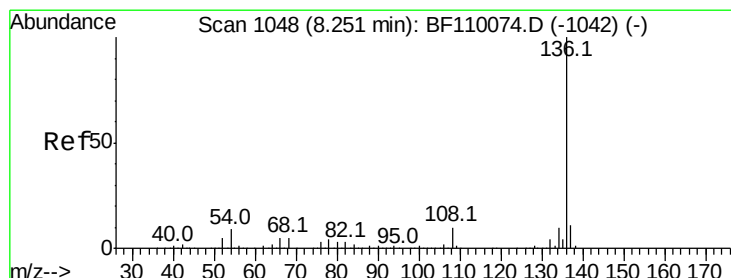
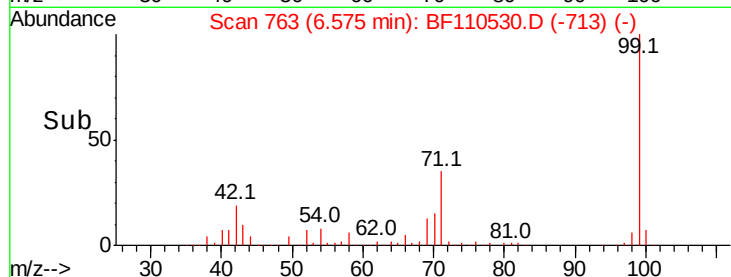
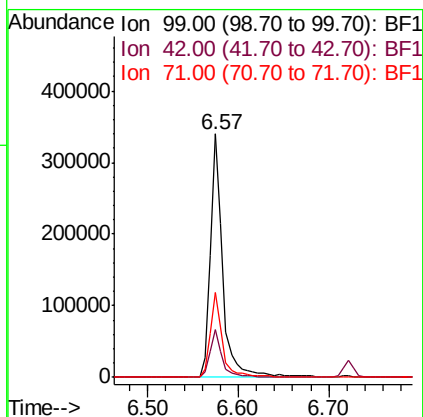
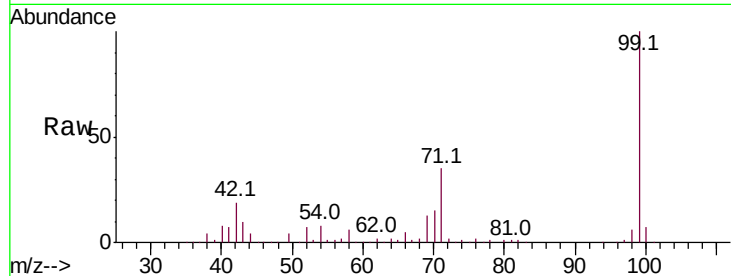
ClientSampleId :

JC-03-110218-C

Tot Ion:	99	Resp:	330204
Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.8	23.6
71	35.0	28.0	42.0

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#21

Naphthalene-d8

Concen: 20.000 ng

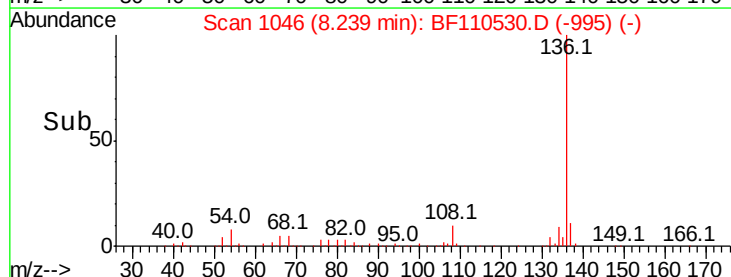
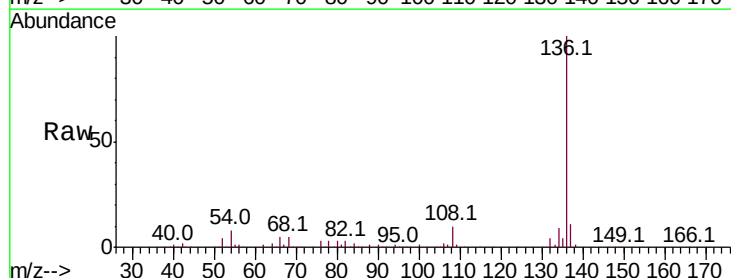
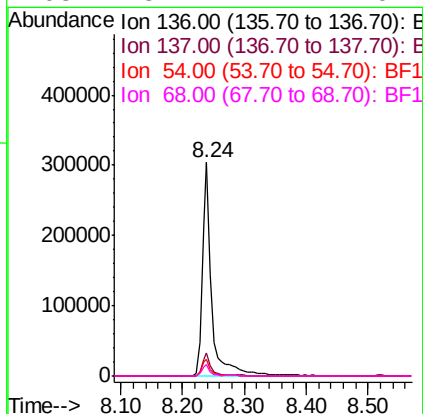
RT: 8.24 min Scan# 1046

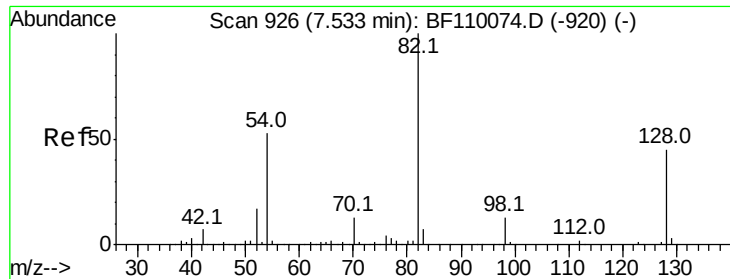
Delta R.T. 0.00 min

Lab File: BF110530.D

Acq: 6 Nov 2018 22:07

Tgt Ion:	136	Resp:	329927
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.6	5.4	8.2
68	5.4	4.2	6.2





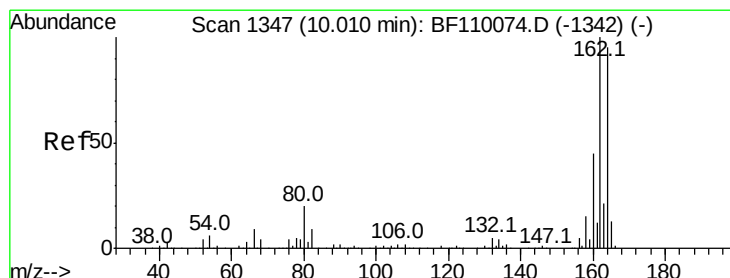
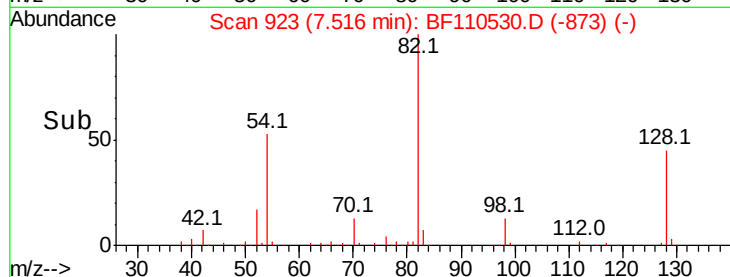
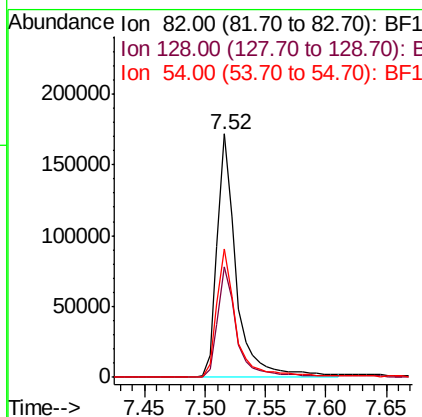
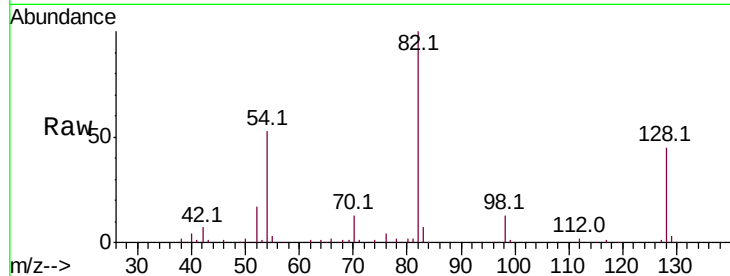
#23
Nitrobenzene-d5
Concen: 33.936 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110530.D
Acq: 6 Nov 2018 22:07

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.3	34.2	51.2	
54	53.0	38.6	58.0	

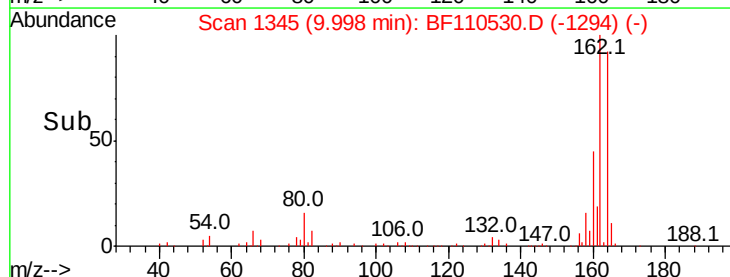
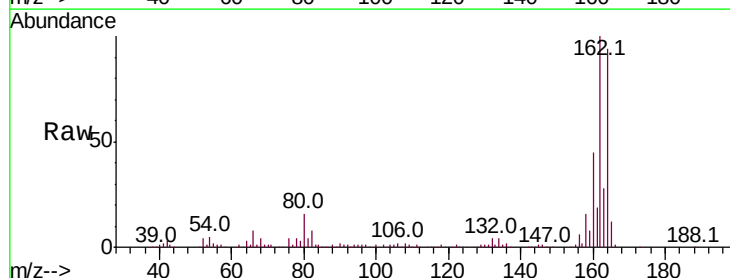
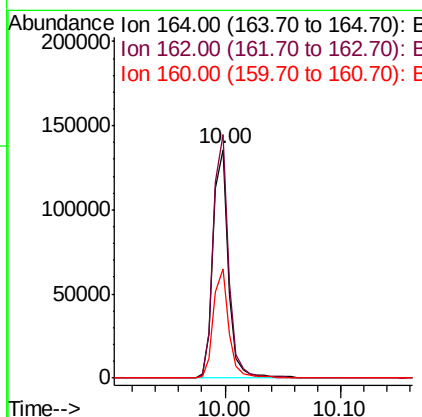
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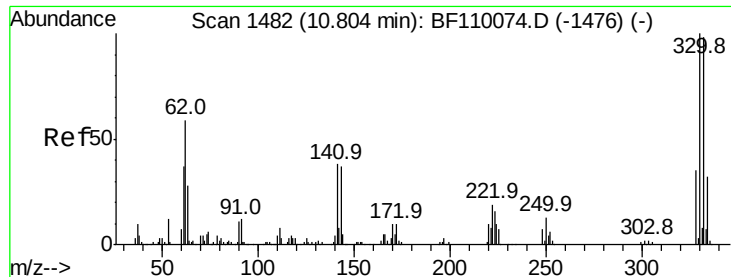
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110530.D
Acq: 6 Nov 2018 22:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	106.5	83.0	124.6	
160	48.0	37.0	55.6	





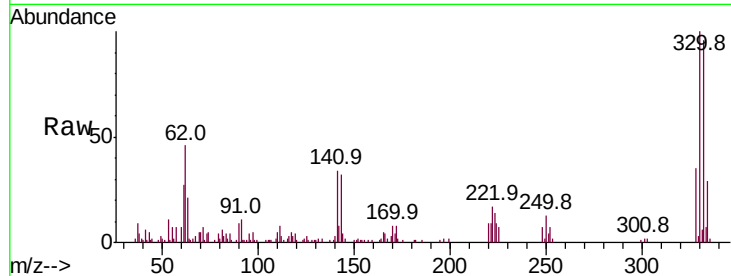
#42
 2,4,6-Tribromophenol
 Concen: 41.464 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF110530.D
 Acq: 6 Nov 2018 22:07

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

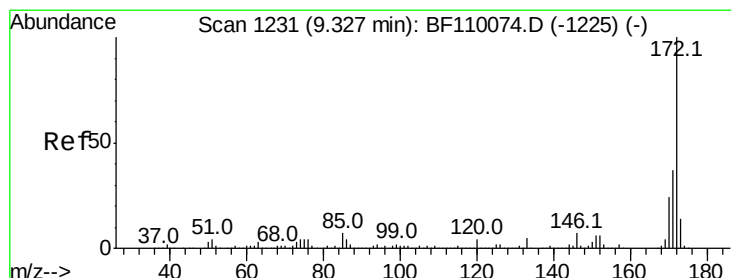
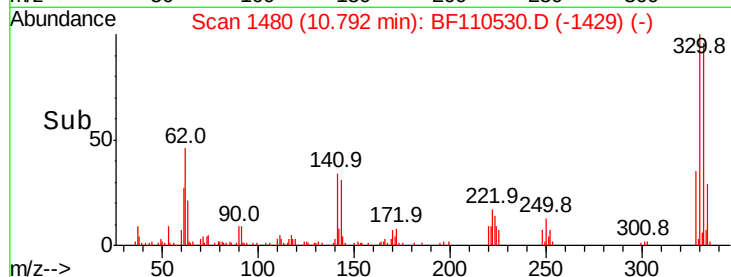
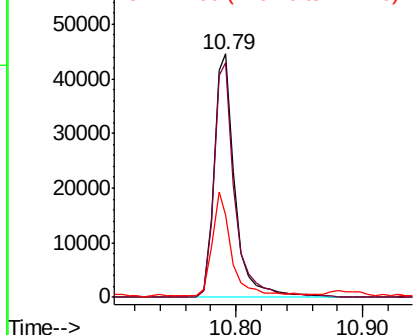
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.1	115.7
141	41.0	27.0	40.4

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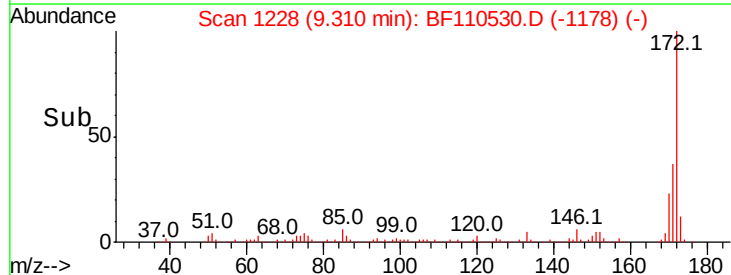
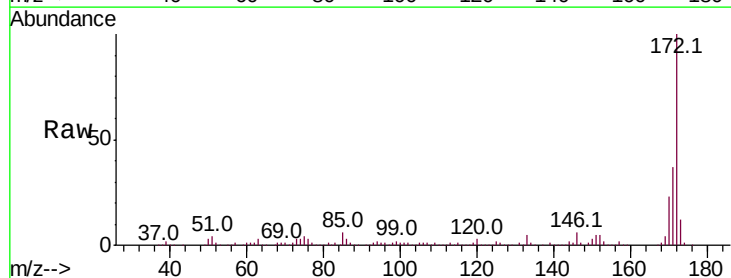
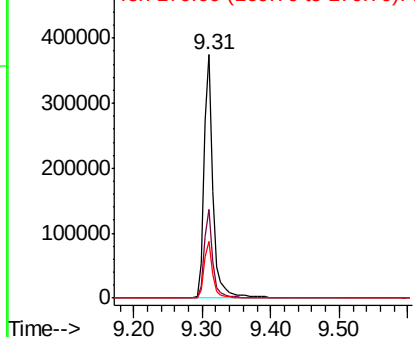
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

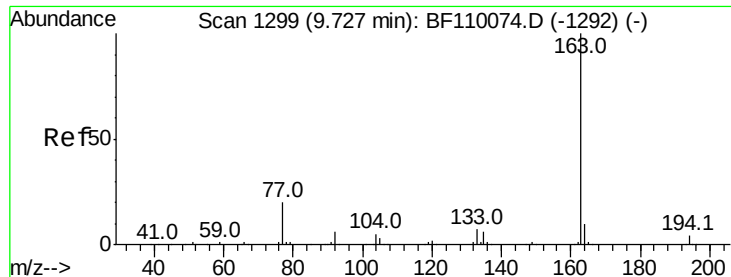


#45
 2-Fluorobiphenyl
 Concen: 44.662 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110530.D
 Acq: 6 Nov 2018 22:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.6	43.0
170	23.3	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





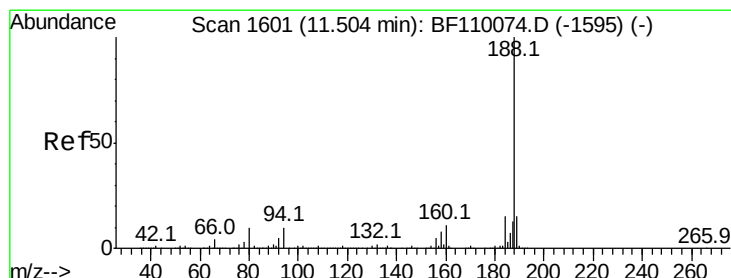
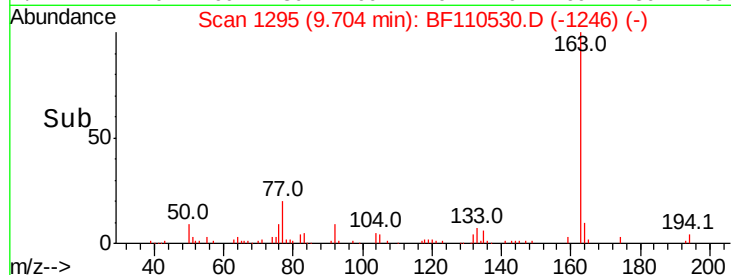
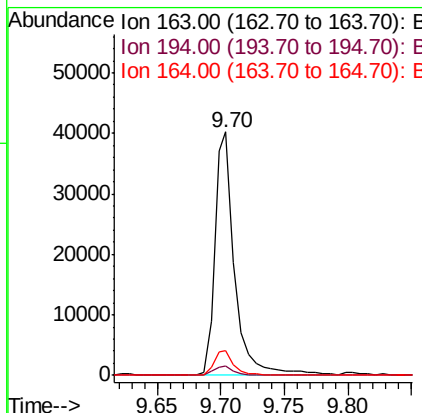
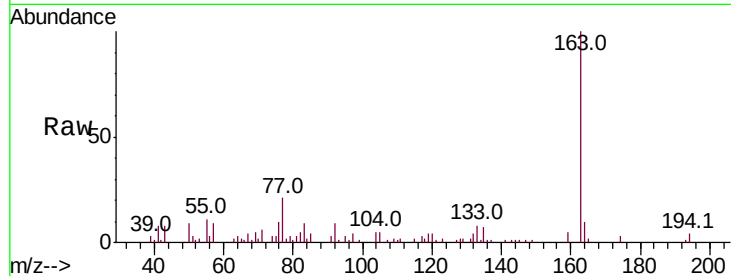
#50
Dimethylphthalate
Concen: 4.775 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110530.D
Acq: 6 Nov 2018 22:07

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

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.2	8.1	12.1

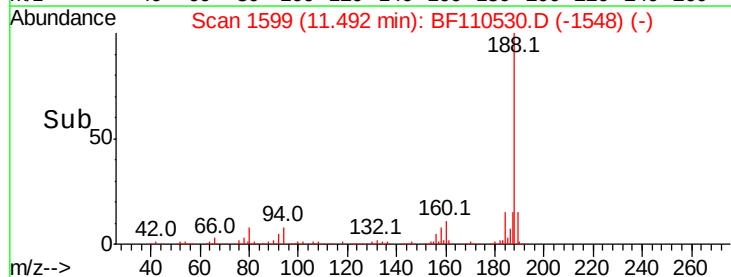
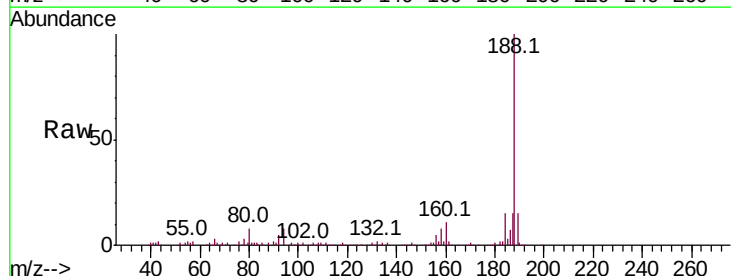
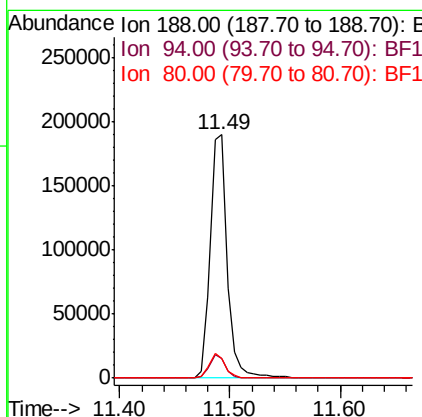
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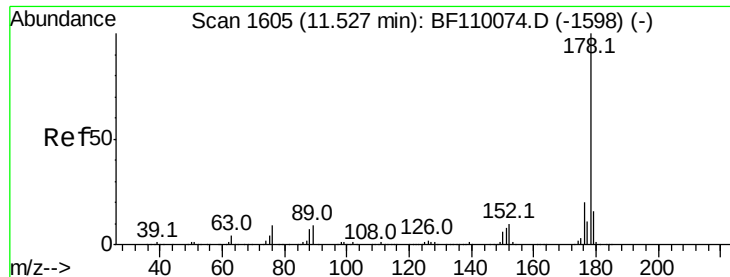
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF110530.D
Acq: 6 Nov 2018 22:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	7.2	10.8
80	8.3	7.9	11.9





#71

Phenanthrene

Concen: 2.375 ng

RT: 11.52 min Scan# 1603

Delta R.T. 0.00 min

Lab File: BF110530.D

Acq: 6 Nov 2018 22:07

Instrument :

BNA_F

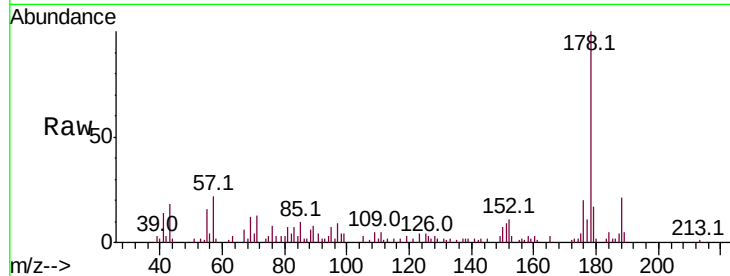
ClientSampleId :

JC-03-110218-C

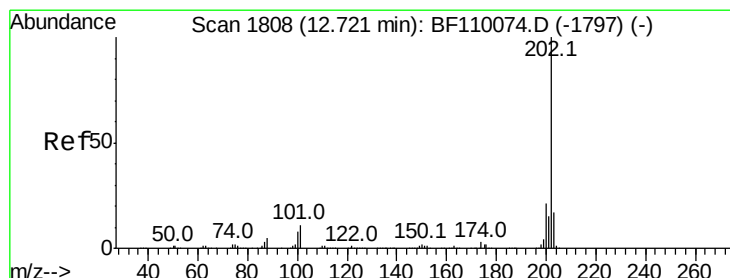
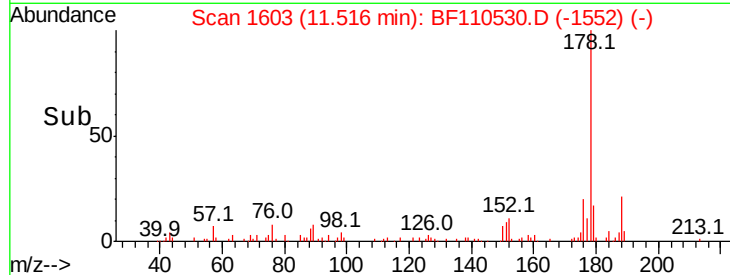
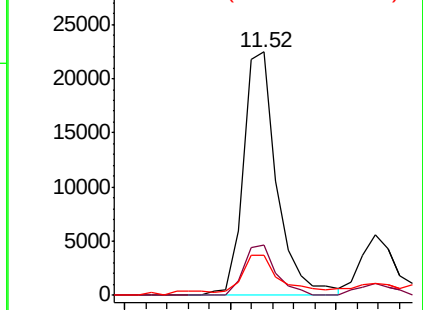
Tot Ion:	178	Resp:	24674
Ion Ratio	Lower	Upper	
178	100		
176	20.4	15.5	23.3
179	16.6	12.5	18.7

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: 3.956 ng

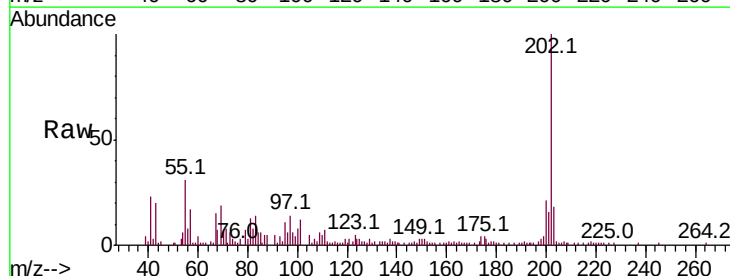
RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

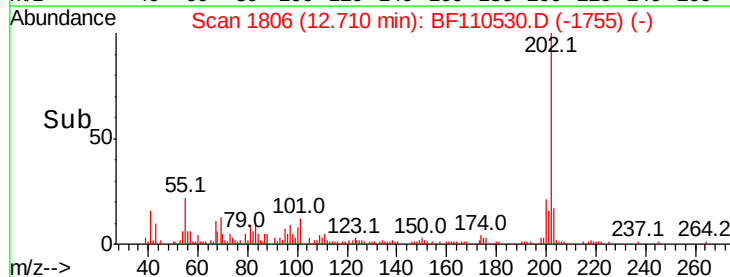
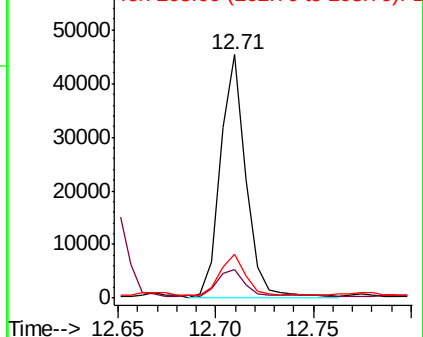
Lab File: BF110530.D

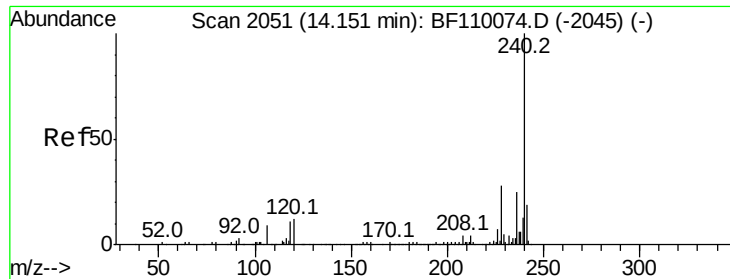
Acq: 6 Nov 2018 22:07

Tgt Ion:	202	Resp:	41709
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	31.4
203	18.1	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





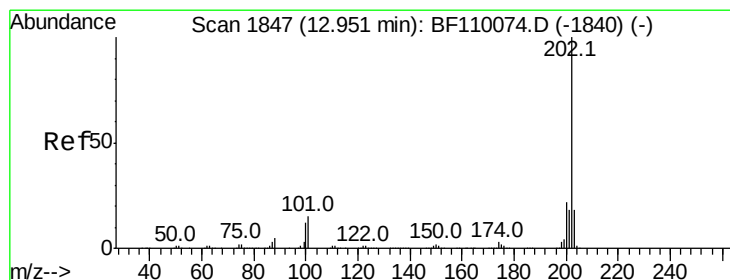
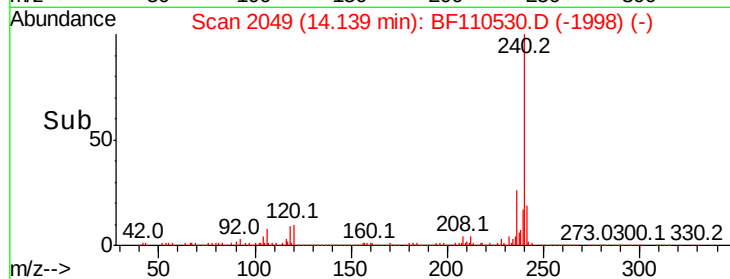
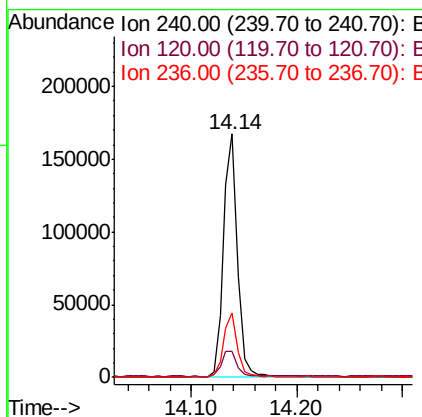
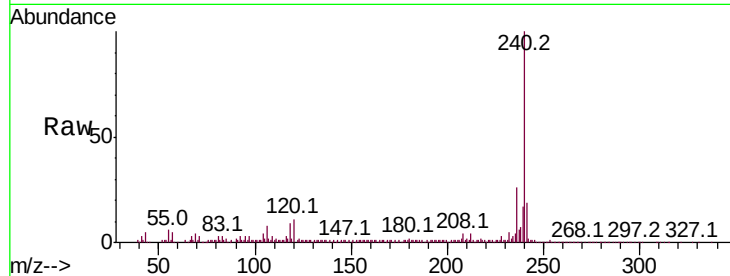
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BF110530.D
Acq: 6 Nov 2018 22:07

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

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.3	12.5
236	26.4	21.2	31.8

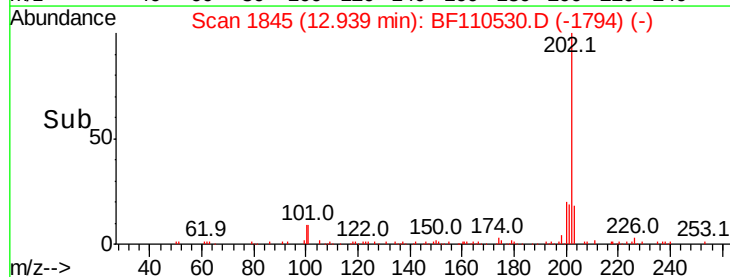
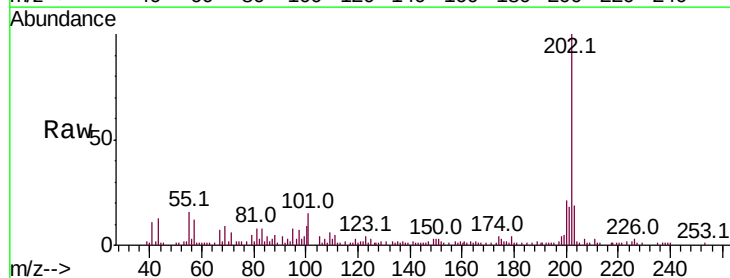
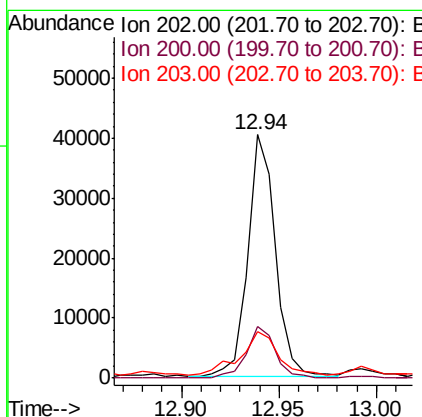
Manual Integrations
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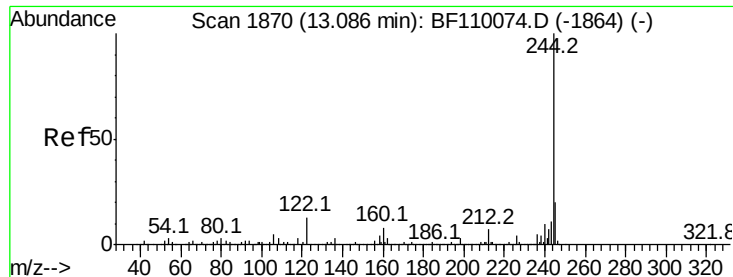
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#78
Pyrene
Concen: 3.529 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF110530.D
Acq: 6 Nov 2018 22:07

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.8	26.6
203	19.1	14.2	21.4





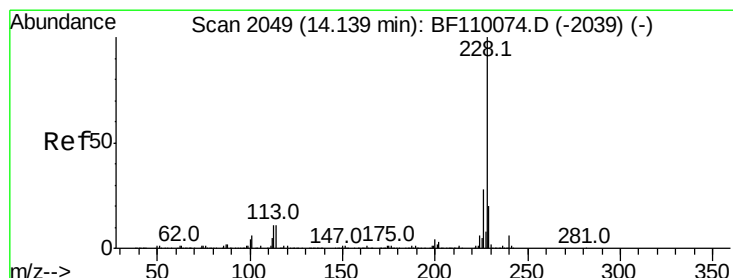
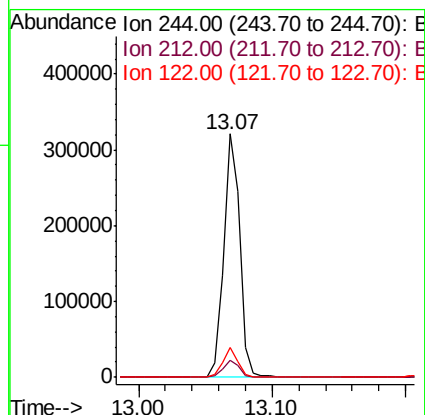
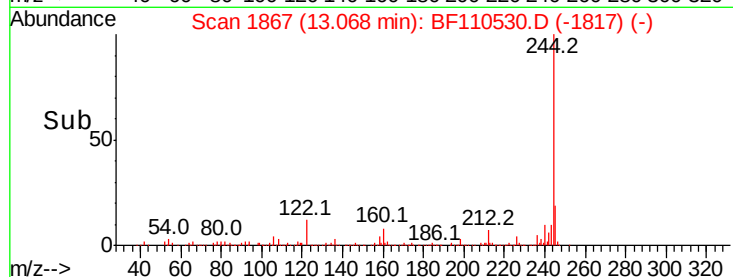
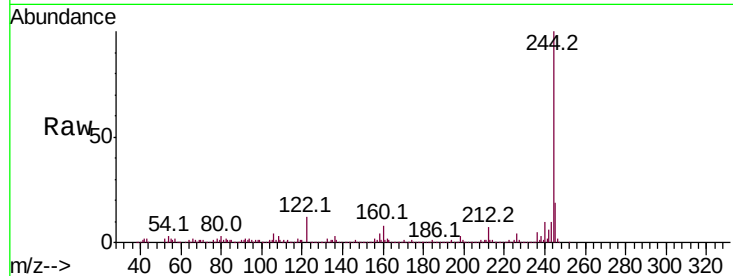
#79
 Terphenyl-d14
 Concen: 36.816 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BF110530.D
 Acq: 6 Nov 2018 22:07

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

Tot Ion:	244	Resp:	273760
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.8	8.8
122	12.3	8.7	13.1

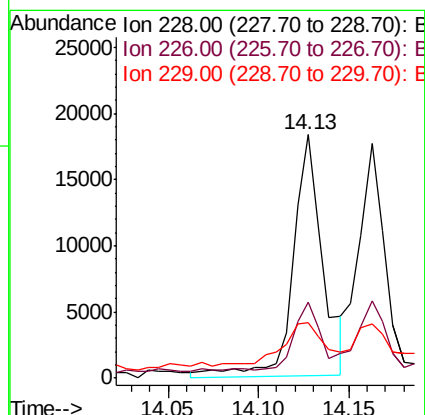
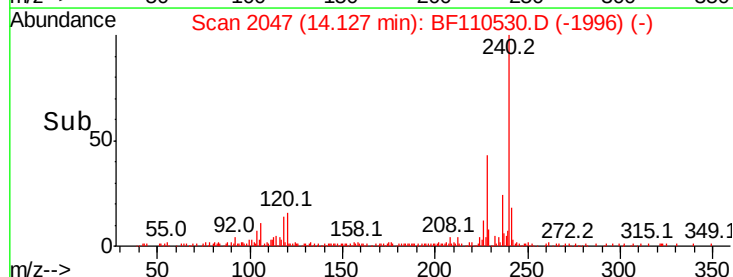
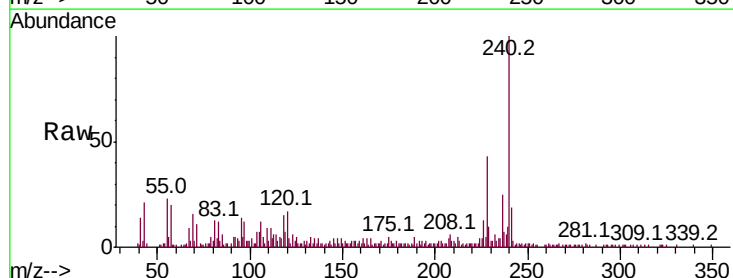
Manual Integrations
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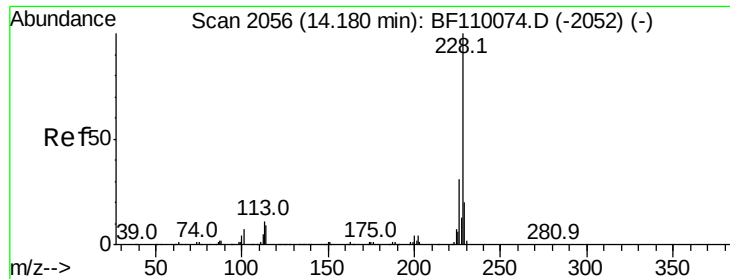
Sohil
 11/7/2018 2:54:42 PM



#81
 Benzo(a)anthracene
 Concen: 2.268 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: BF110530.D
 Acq: 6 Nov 2018 22:07

Tgt Ion:	228	Resp:	20796
Ion Ratio	Lower	Upper	
228	100		
226	30.9	22.1	33.1
229	22.9	15.6	23.4





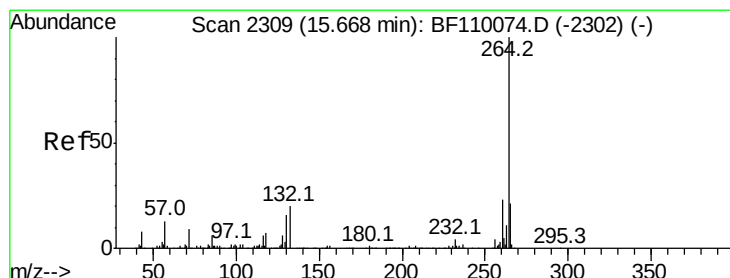
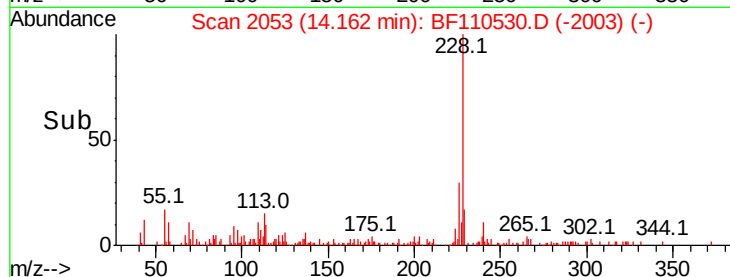
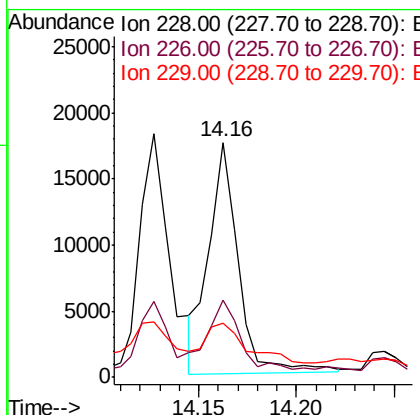
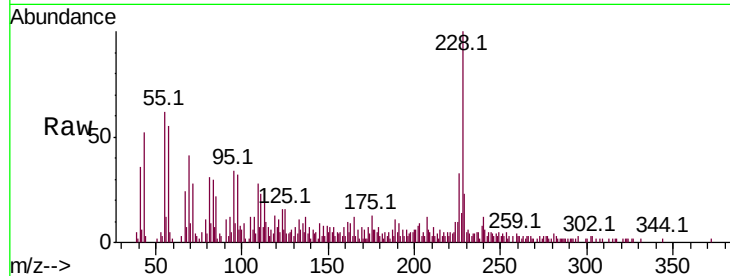
#83
Chrysene
Concen: 2.105 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF110530.D
Acq: 6 Nov 2018 22:07

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.1	24.7	37.1
229	22.9	15.9	23.9

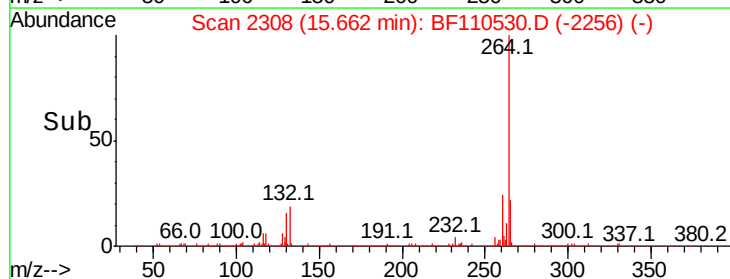
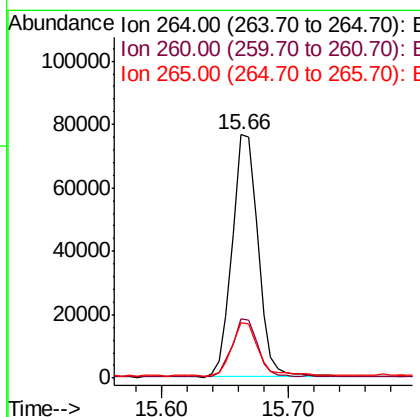
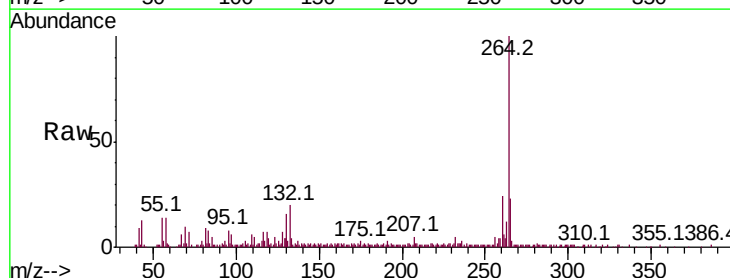
Manual Integrations
APPROVED

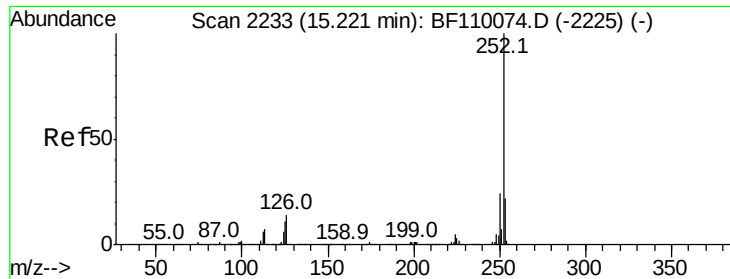
Sohil
11/7/2018 2:54:42 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110530.D
Acq: 6 Nov 2018 22:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.7	28.1
265	22.9	16.7	25.1





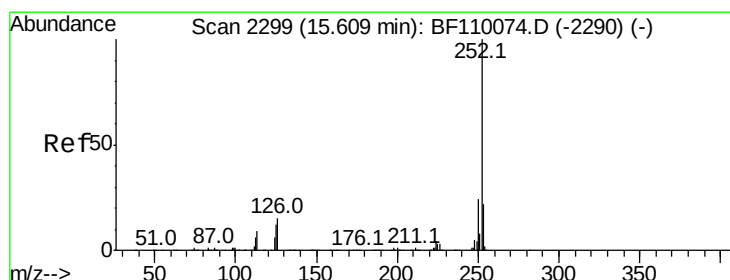
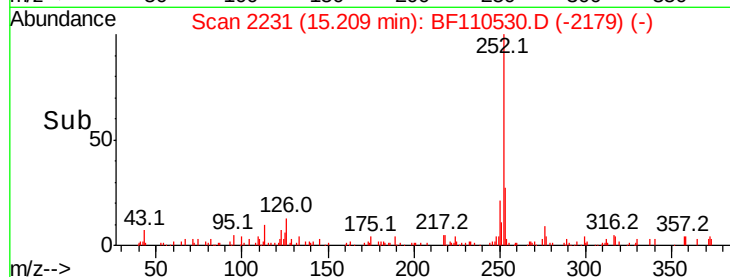
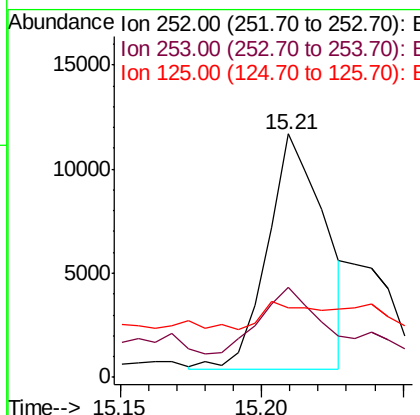
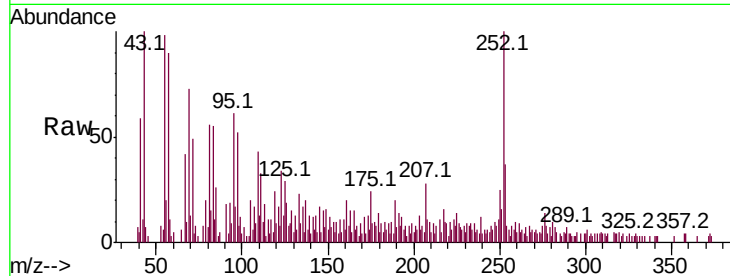
#88
Benzo(b)fluoranthene
Concen: 2.557 ng m
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110530.D
Acq: 6 Nov 2018 22:07

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	37.0	17.2	25.8#
125	28.7	8.2	12.4#

Manual Integrations
APPROVED

Sohil
11/7/2018 2:54:42 PM



#90
Benzo(a)pyrene
Concen: 2.451 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.01 min
Lab File: BF110530.D
Acq: 6 Nov 2018 22:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.2	27.4
125	33.8	9.0	13.6#

