

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
 Data File : BF107077.D
 Acq On : 3 Jul 2018 12:56
 Operator : JU/SJ
 Sample : J3629-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A0C3-01

Manual Integrations
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Sohil
 7/5/2018 4:29:38 PM

Quant Time: Jul 05 02:10:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	54377	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	198786	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	85614	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	150523	20.00	ng	0.00
75) Chrysene-d12	14.15	240	177458	20.00	ng	-0.02
86) Perylene-d12	15.69	264	152850	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	88062	27.42	ng	0.00
7) Phenol-d6	6.60	99	102761	25.62	ng	-0.01
23) Nitrobenzene-d5	7.52	82	60995	17.05	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	22229	22.40	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	127856	12.74	ng	-0.02
78) Terphenyl-d14	13.07	244	139646	19.06	ng	-0.01
Target Compounds						
74) Fluoranthene	12.71	202	24514	3.063	ng	95
77) Pyrene	12.94	202	24716	2.112	ng	96
79) Butylbenzylphthalate	13.54	149	112520	23.386	ng	# 92
87) Benzo(b)fluoranthene	15.23	252	32285m	3.400	ng	
89) Benzo(a)pyrene	15.62	252	19001	2.251	ng	# 89
91) Benzo(g,h,i)perylene	17.77	276	16458	2.354	ng	# 87

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

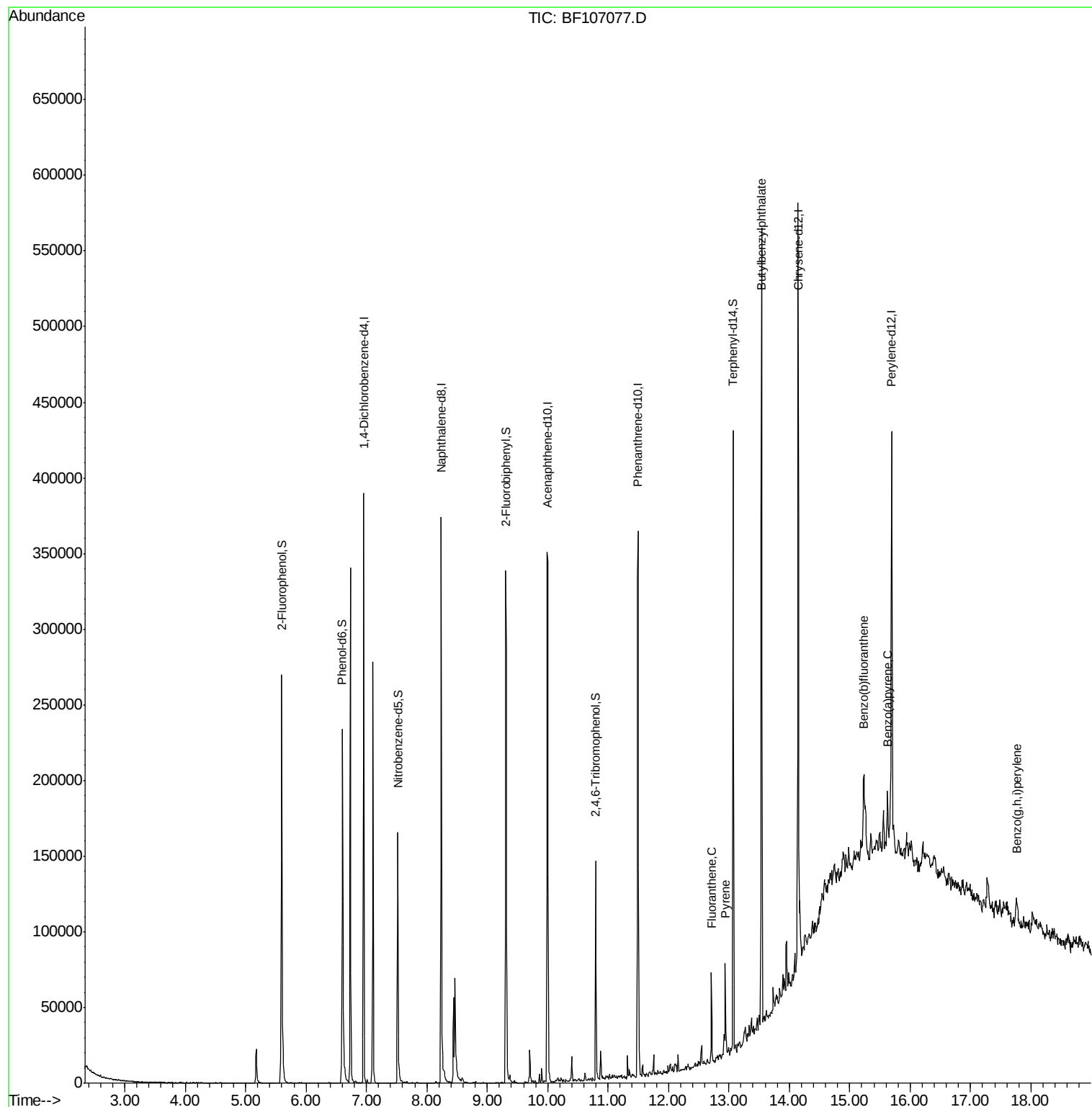
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
Data File : BF107077.D
Acq On : 3 Jul 2018 12:56
Operator : JU/SJ
Sample : J3629-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
A0C3-01

Manual Integrations
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7/5/2018 4:29:38 PM

Quant Time: Jul 05 02:10:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration





#1

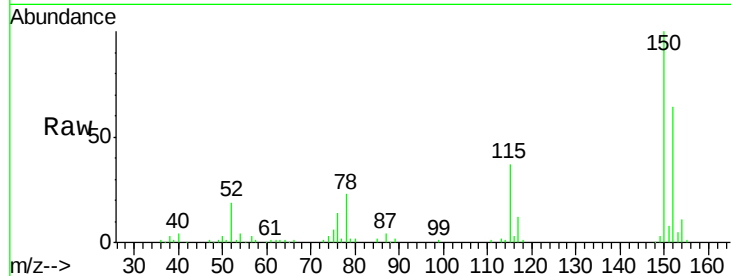
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107077.D
Acq: 3 Jul 2018 12:56

Instrument :
BNA_F
ClientSampled :
A0C3-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	57.1	50.1	75.1

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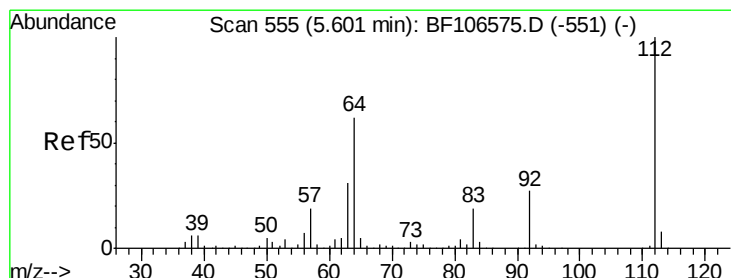
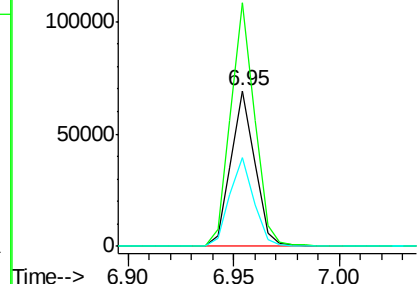
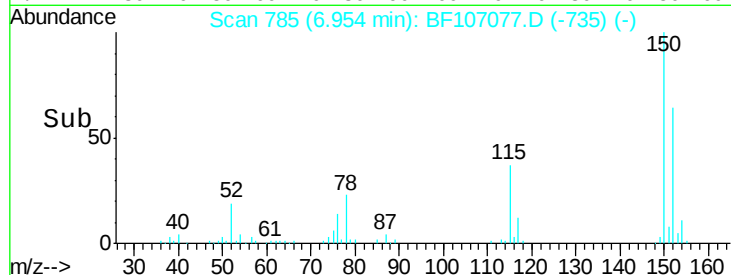


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

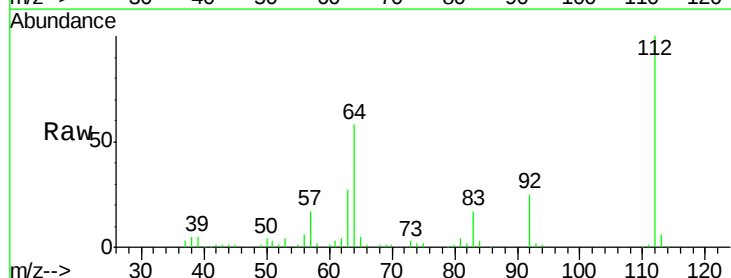
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 27.423 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107077.D
Acq: 3 Jul 2018 12:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.9	71.9
63	27.5	23.7	35.5

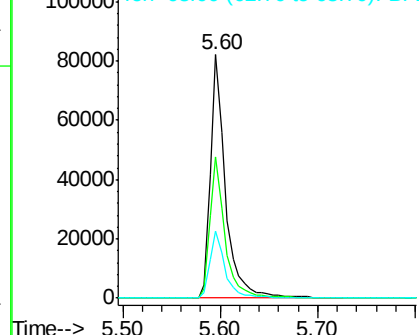
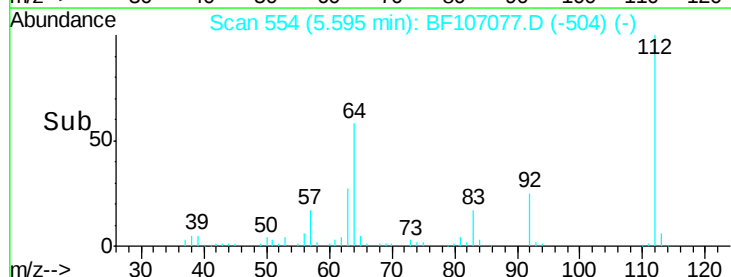


Abundance

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: 25.625 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107077.D

Acq: 3 Jul 2018 12:56

Instrument :

BNA_F

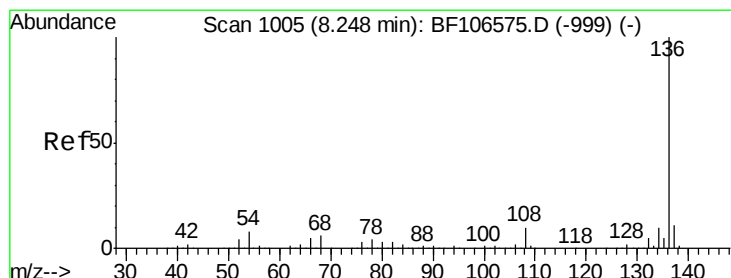
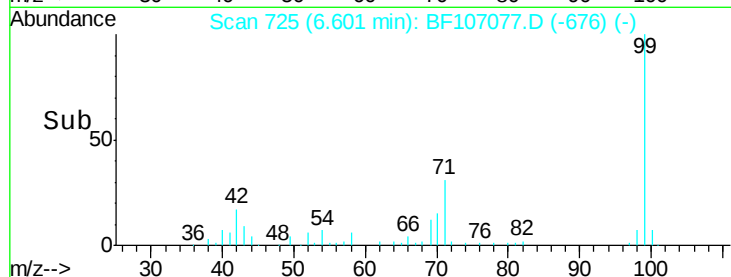
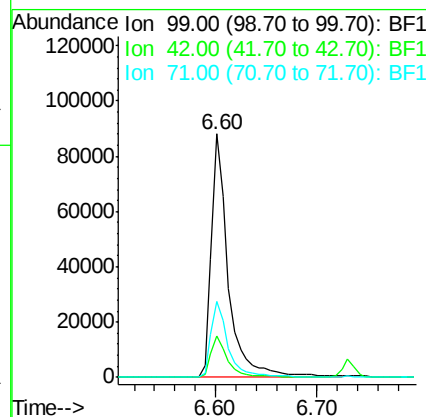
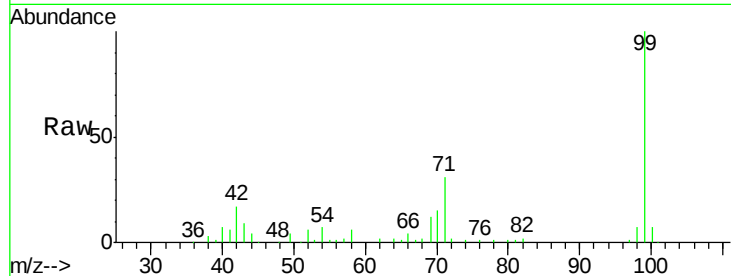
ClientSampleId :

A0C3-01

Tot Ion:	99	Resp:	102761
Ion Ratio	Lower	Upper	
99	100		
42	16.8	14.5	21.7
71	31.4	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

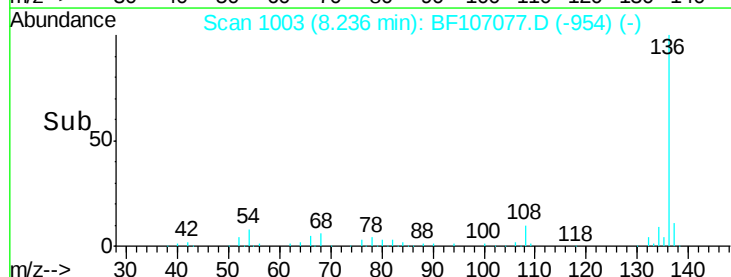
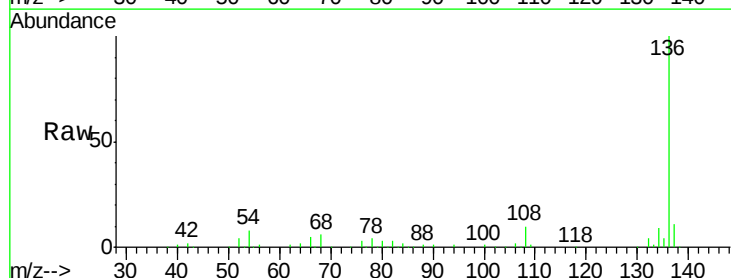
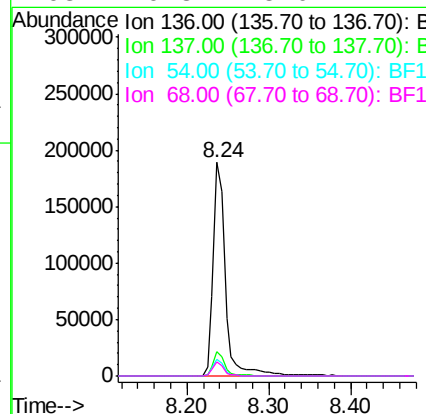
RT: 8.24 min Scan# 1003

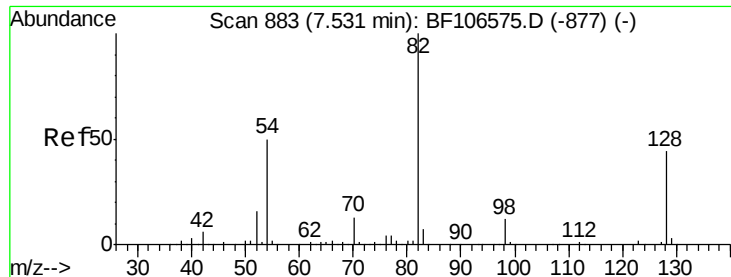
Delta R.T. -0.01 min

Lab File: BF107077.D

Acq: 3 Jul 2018 12:56

Tgt Ion:	136	Resp:	198786
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.9	13.3
54	7.9	6.6	9.8
68	6.3	5.0	7.4





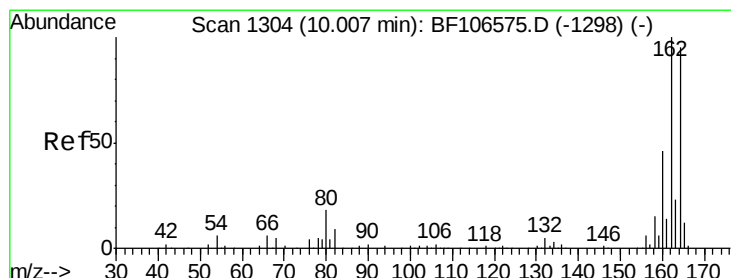
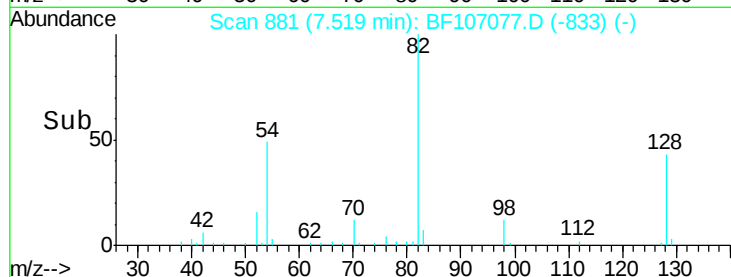
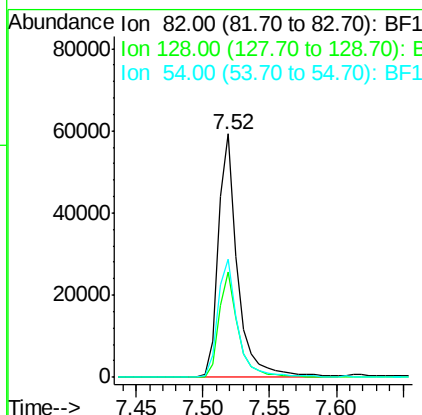
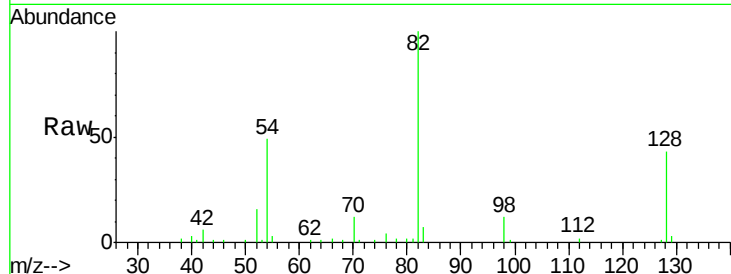
#23
 Nitrobenzene-d5
 Concen: 17.052 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF107077.D
 Acq: 3 Jul 2018 12:56

Instrument :
 BNA_F
 ClientSampled :
 A0C3-01

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.5	36.1	54.1
54	48.5	41.4	62.2

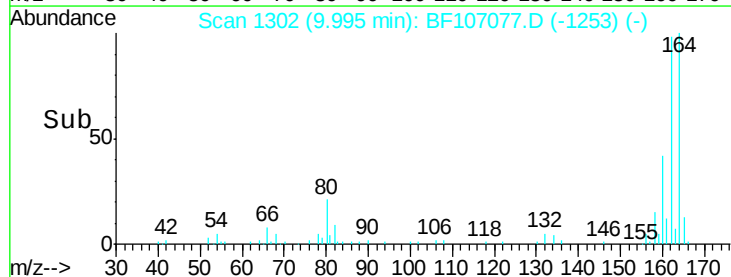
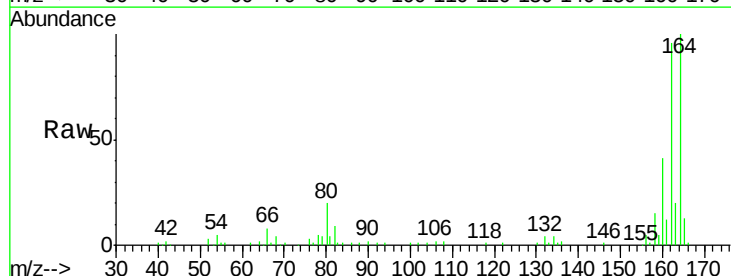
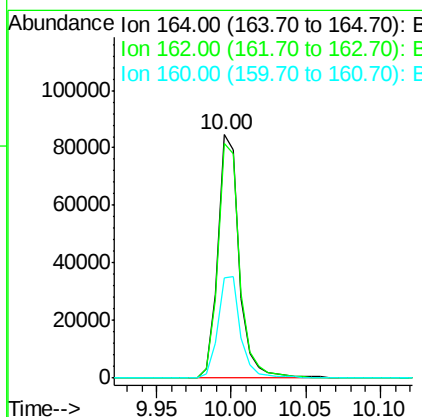
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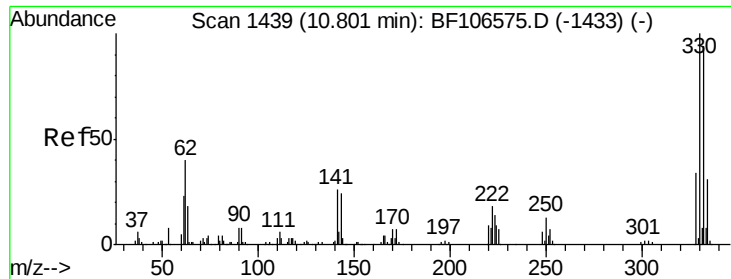
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF107077.D
 Acq: 3 Jul 2018 12:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.4	86.1	129.1
160	40.9	38.3	57.5





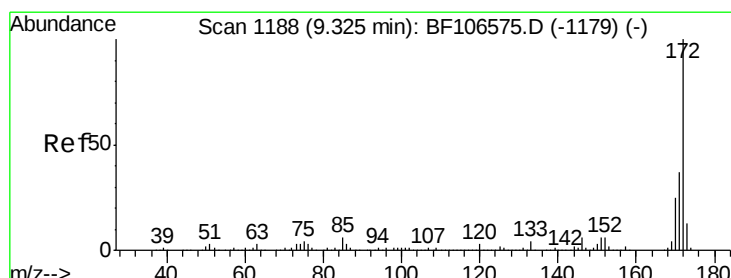
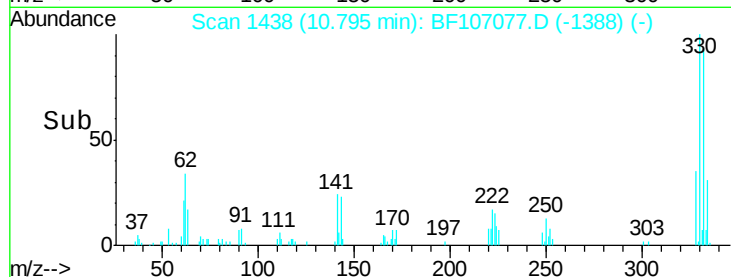
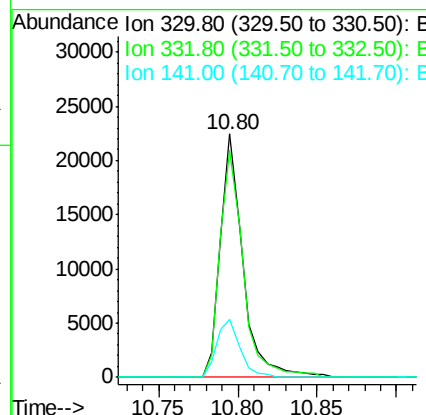
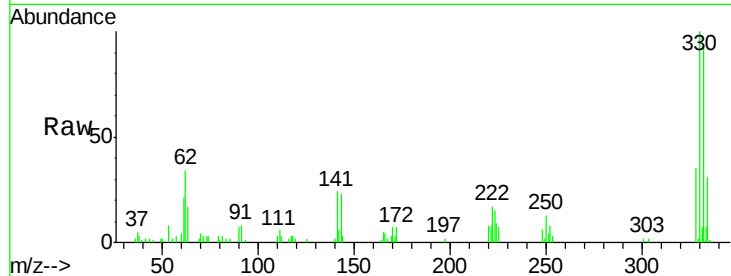
#41
 2,4,6-Tribromophenol
 Concen: 22.402 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107077.D
 Acq: 3 Jul 2018 12:56

Instrument :
 BNA_F
 ClientSampled :
 A0C3-01

Tot Ion	Ratio	Resp	Lower	Upper
330	100	22229		
332	96.1	77.0	115.6	
141	24.9	29.9	44.9#	

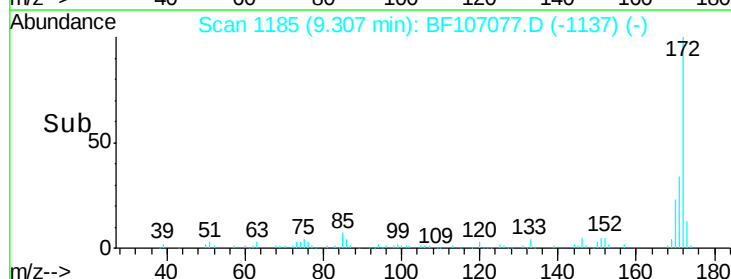
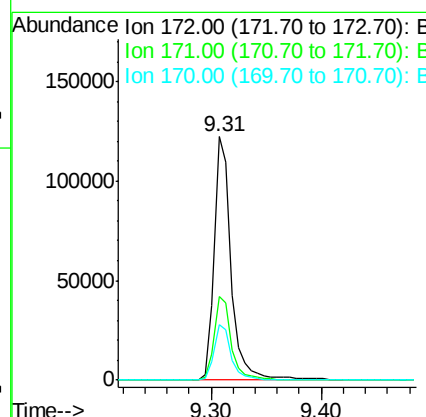
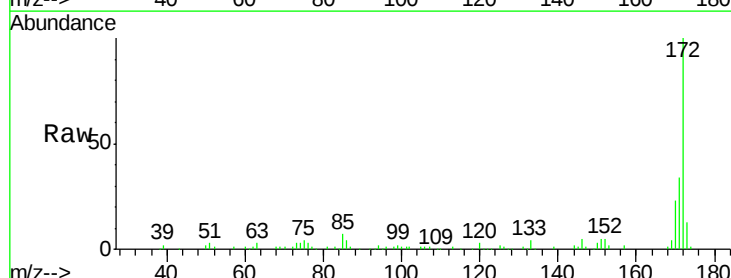
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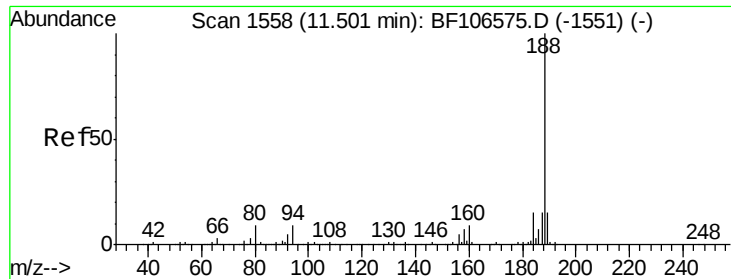
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#44
 2-Fluorobiphenyl
 Concen: 12.737 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107077.D
 Acq: 3 Jul 2018 12:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	127856		
171	34.2	29.7	44.5	
170	22.8	19.6	29.4	





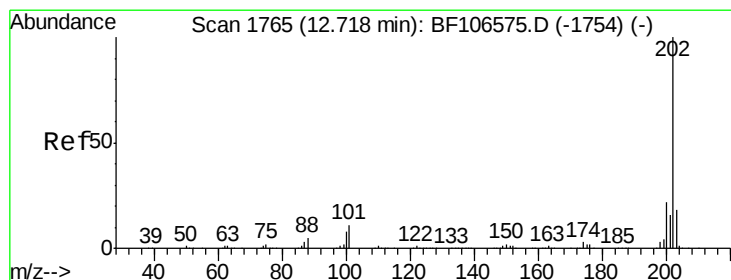
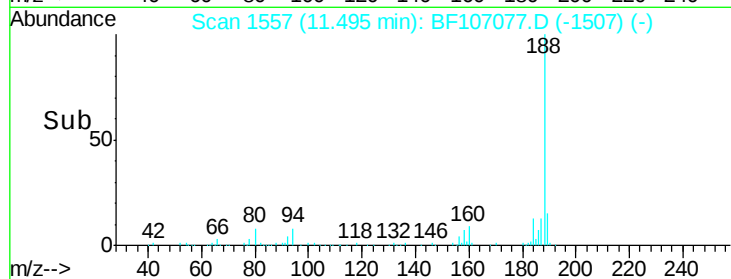
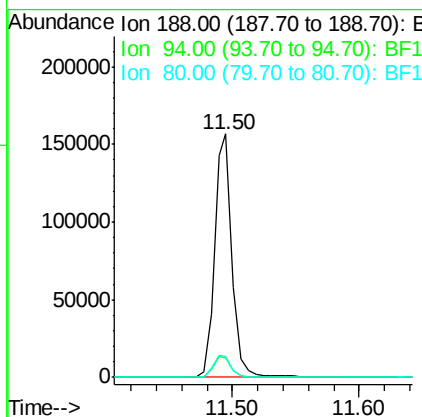
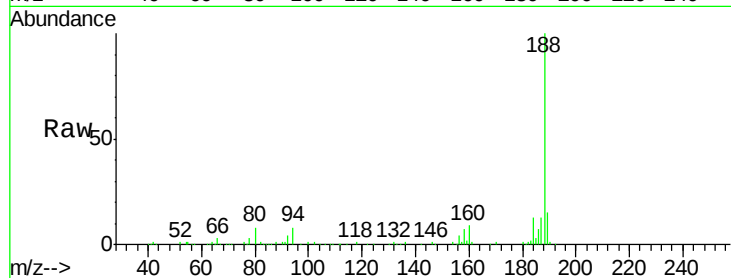
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107077.D
Acq: 3 Jul 2018 12:56

Instrument :
BNA_F
ClientSampleId :
A0C3-01

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.8	8.5	12.7#
80	8.3	9.2	13.8#

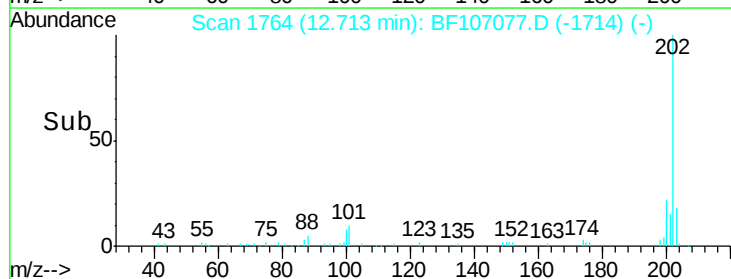
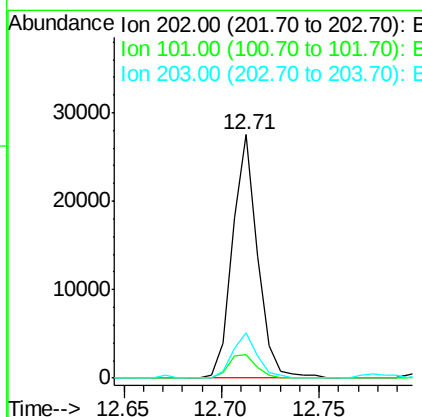
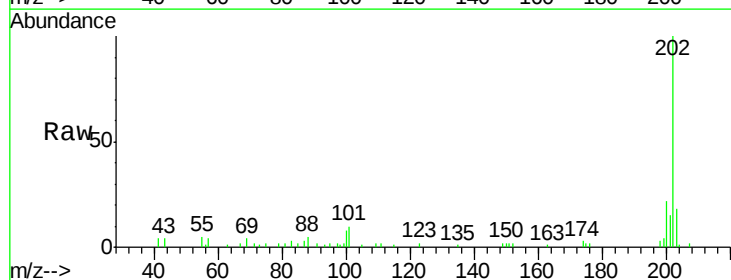
Manual Integrations
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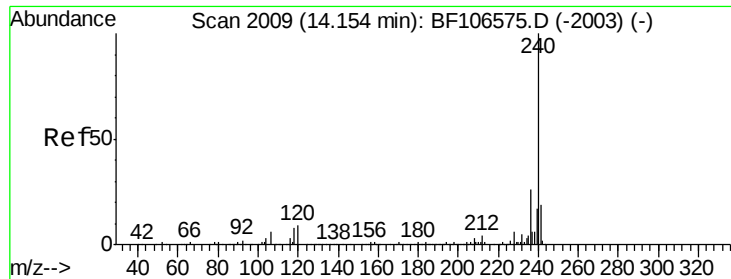
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#74
Fluoranthene
Concen: 3.063 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF107077.D
Acq: 3 Jul 2018 12:56

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.8	0.0	34.1
203	18.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF107077.D

Acq: 3 Jul 2018 12:56

Instrument :

BNA_F

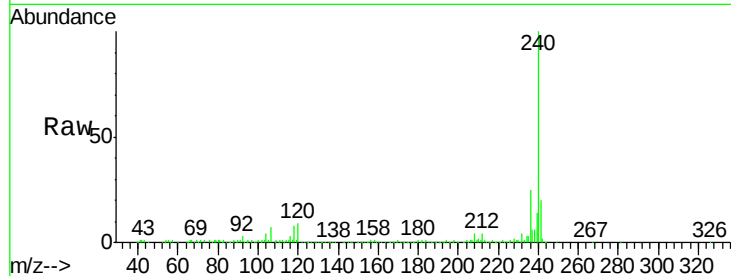
ClientSampled :

A0C3-01

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.5	14.3#
236	25.3	20.7	31.1

Manual Integrations
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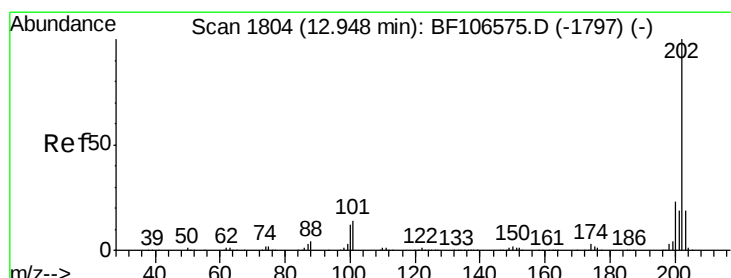
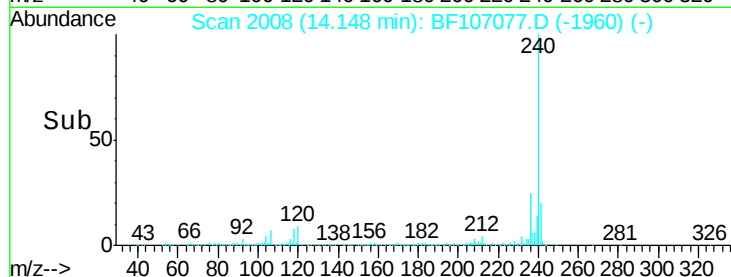
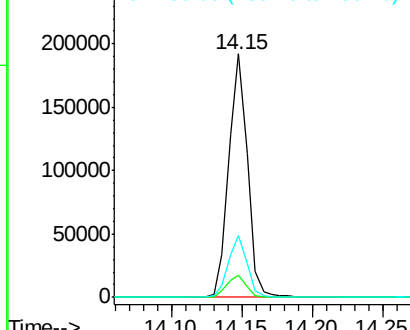


Abundance

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



#77

Pyrene

Concen: 2.112 ng

RT: 12.94 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF107077.D

Acq: 3 Jul 2018 12:56

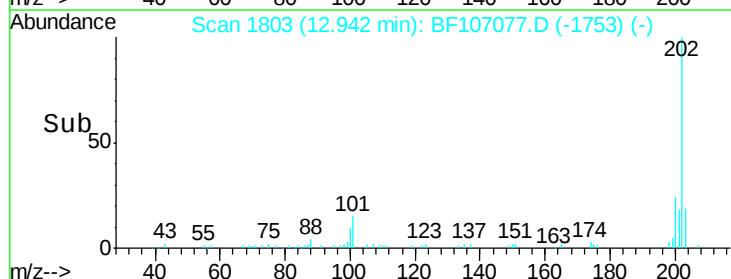
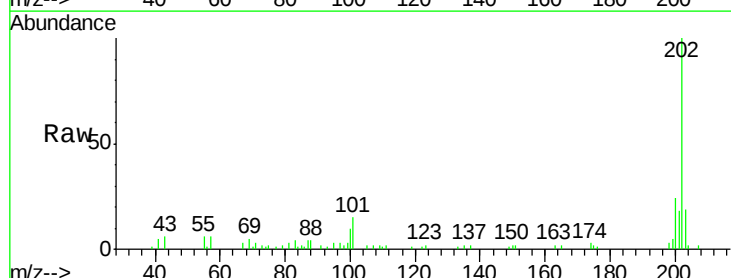
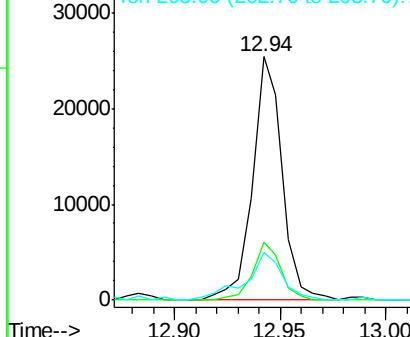
Tgt Ion	Ratio	Lower	Upper
202	100		
200	24.0	17.4	26.2
203	19.4	14.3	21.5

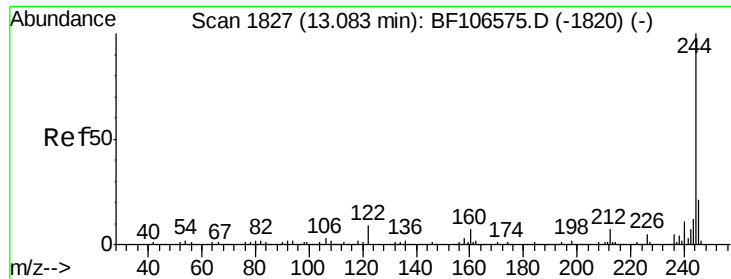
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





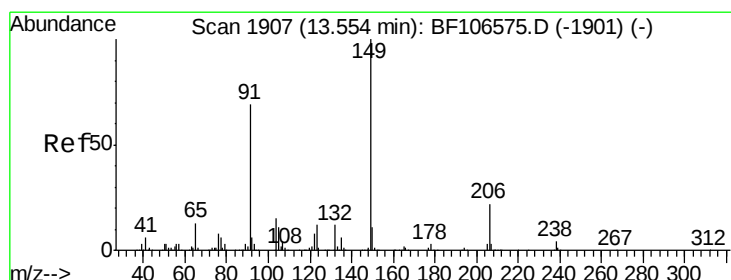
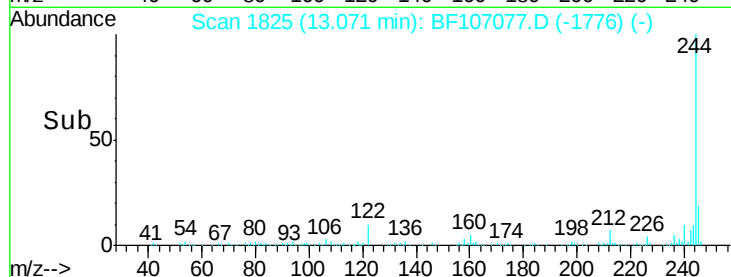
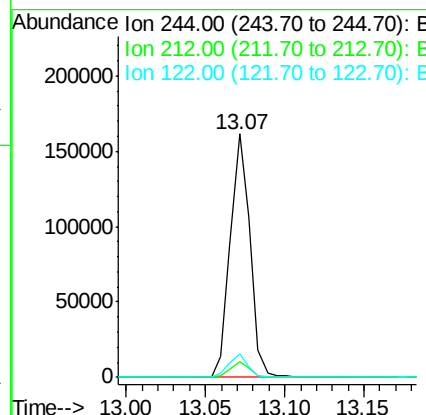
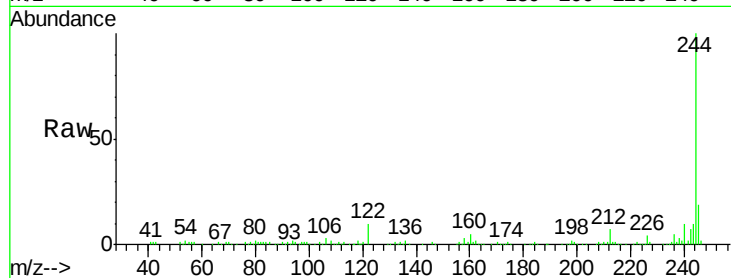
#78
 Terphenyl-d14
 Concen: 19.062 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF107077.D
 Acq: 3 Jul 2018 12:56

Instrument :
 BNA_F
 ClientSampleId :
 A0C3-01

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	9.7	11.0	16.4#

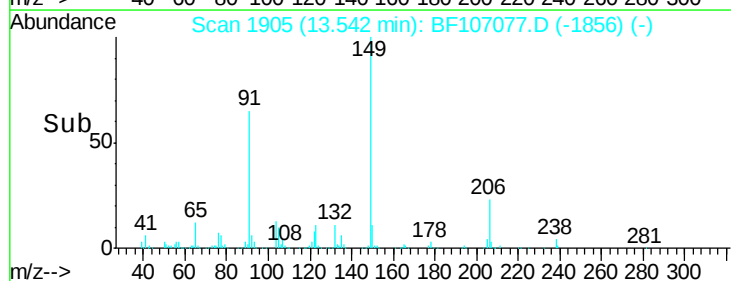
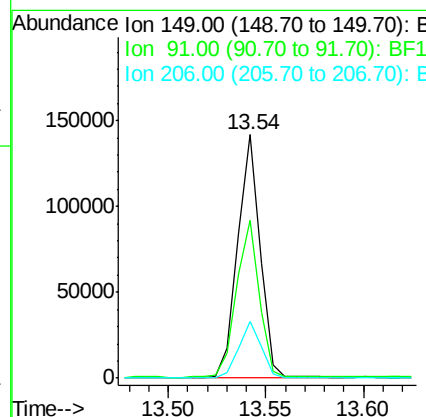
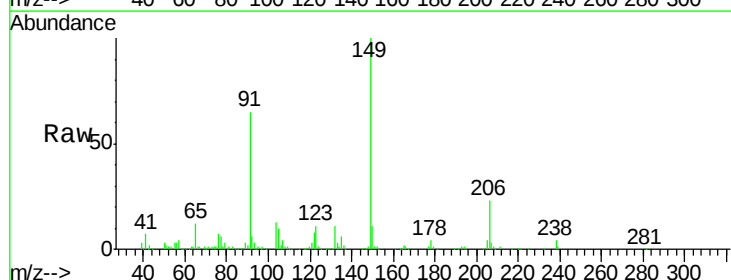
Manual Integrations
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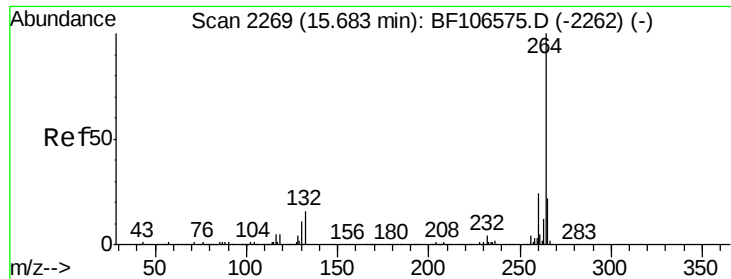
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#79
 Butylbenzylphthalate
 Concen: 23.386 ng
 RT: 13.54 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BF107077.D
 Acq: 3 Jul 2018 12:56

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.0	56.8	85.2
206	23.2	14.1	21.1#





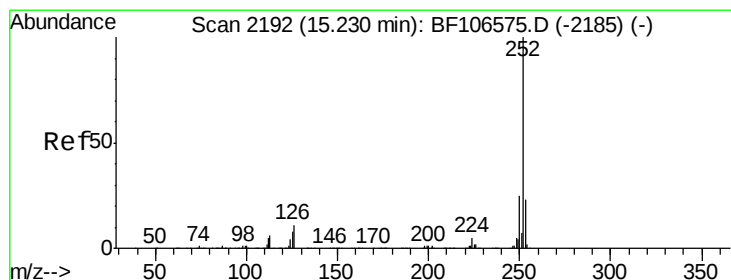
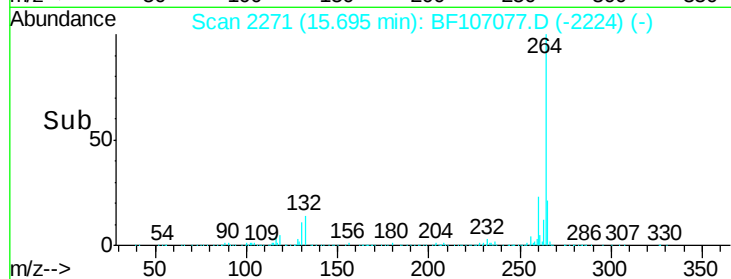
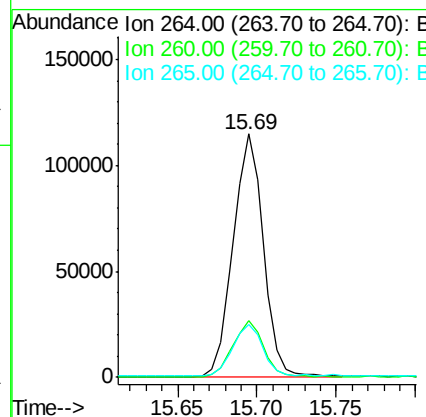
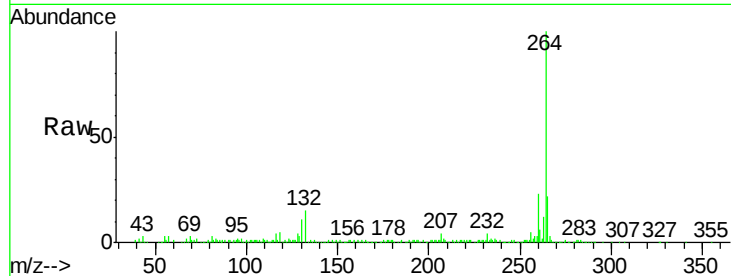
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF107077.D
Acq: 3 Jul 2018 12:56

Instrument :
BNA_F
ClientSampleId :
A0C3-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.8	17.5	26.3

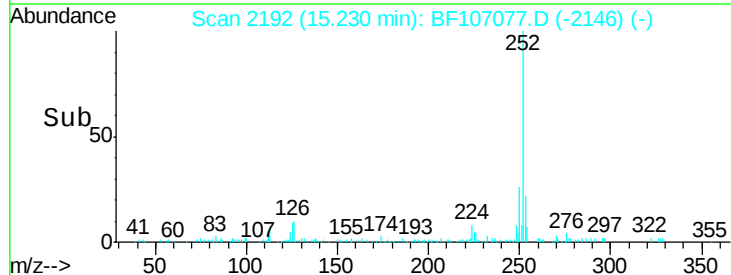
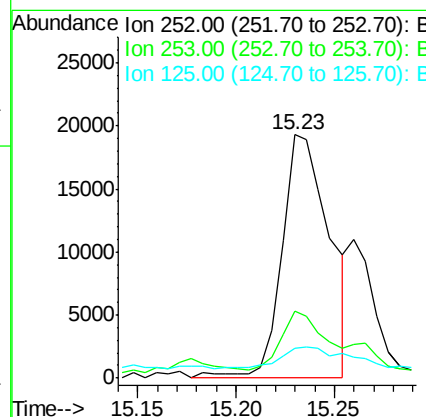
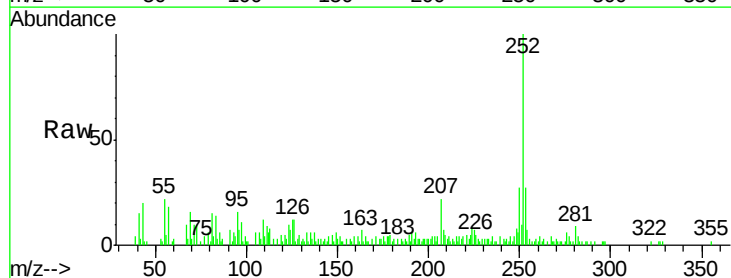
Manual Integrations
APPROVED

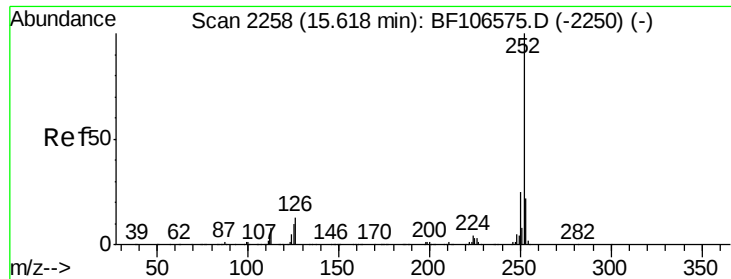
Sohil
7/5/2018 4:29:38 PM



#87
Benzo(b)fluoranthene
Concen: 3.400 ng m
RT: 15.23 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BF107077.D
Acq: 3 Jul 2018 12:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.0	25.6#
125	12.4	9.0	13.6





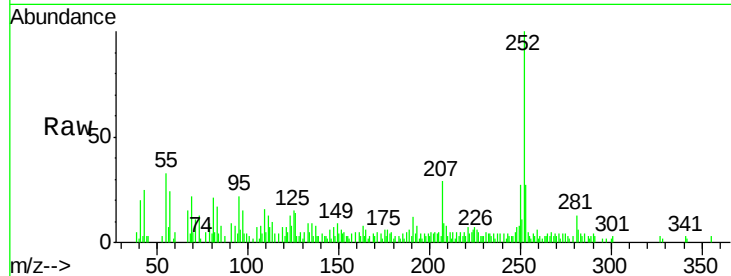
#89
Benzo(a)pyrene
Concen: 2.251 ng
RT: 15.62 min Scan# 2259
Delta R.T. -0.03 min
Lab File: BF107077.D
Acq: 3 Jul 2018 12:56

Instrument :
BNA_F
ClientSampled :
A0C3-01

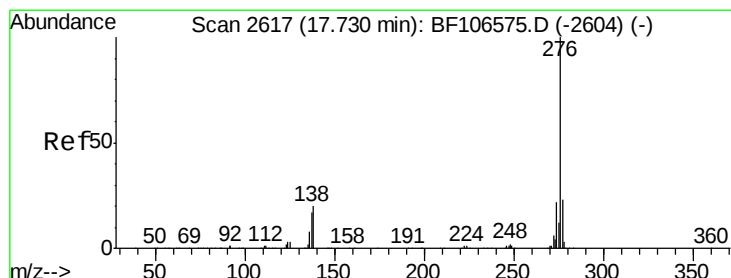
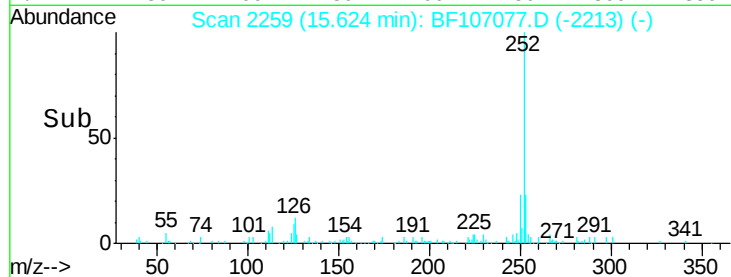
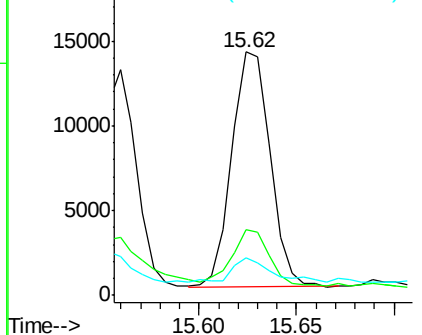
Tot Ion	Ratio	Lower	Upper
252	100		
253	27.2	17.1	25.7#
125	15.2	9.8	14.6#

Manual Integrations
APPROVED

Sohil
7/5/2018 4:29:38 PM

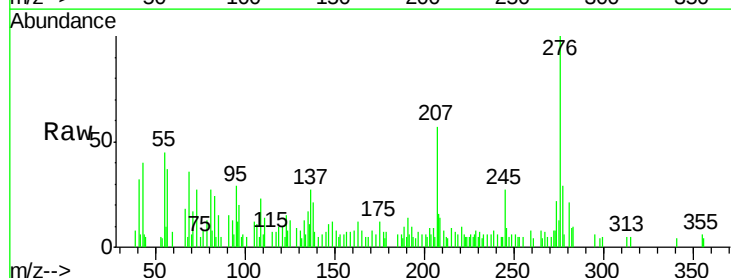


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91
Benzo(g,h,i)perylene
Concen: 2.354 ng
RT: 17.77 min Scan# 2623
Delta R.T. -0.02 min
Lab File: BF107077.D
Acq: 3 Jul 2018 12:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	29.0	17.9	26.9#
138	20.6	21.8	32.8#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

