

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
 Data File : BF106885.D
 Acq On : 27 Jun 2018 21:06
 Operator : JU/SJ
 Sample : J3242-11 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-062618-F

Manual Integrations
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Quant Time: Jun 28 04:21:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	21373	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	81379	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	36737	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	63049	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	66619	20.00	ng	-0.02
86) Perylene-d12	15.68	264	48511	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	121868	96.55	ng	-0.01
7) Phenol-d6	6.59	99	155929	98.92	ng	-0.02
23) Nitrobenzene-d5	7.51	82	91356	62.39	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	40771	95.75	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	186879	86.33	ng	-0.02
78) Terphenyl-d14	13.07	244	194327	70.66	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	4104	2.281	ng	# 63
49) Dimethylphthalate	9.70	163	37208	13.504	ng	# 98
74) Fluoranthene	12.71	202	7242	2.161	ng	94
77) Pyrene	12.94	202	11123	2.532	ng	97
87) Benzo(b)fluoranthene	15.22	252	6778m	2.249	ng	

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

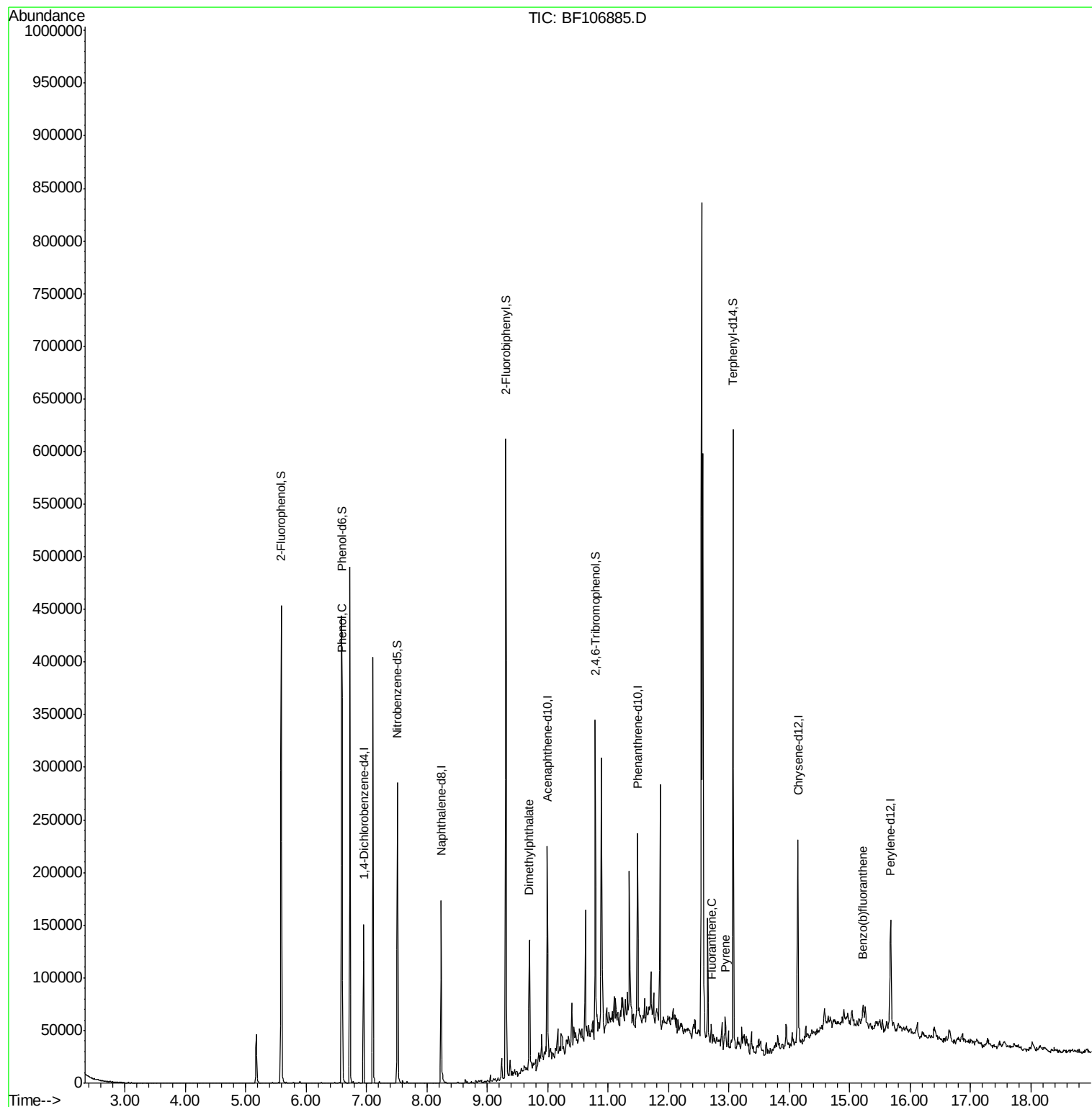
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
Data File : BF106885.D
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ALS Vial : 24 Sample Multiplier: 1

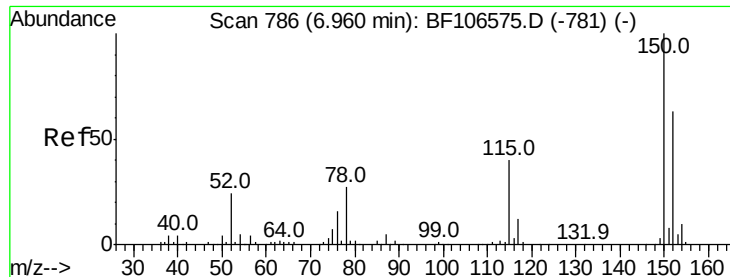
Instrument :
BNA_F
ClientSampleId :
JC-02-062618-F

Quant Time: Jun 28 04:21:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 25 18:50:17 2018
Response via : Initial Calibration

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#1

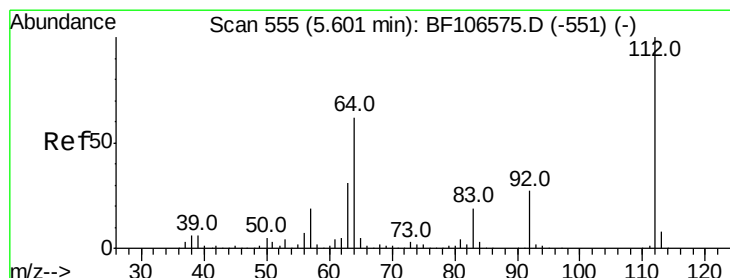
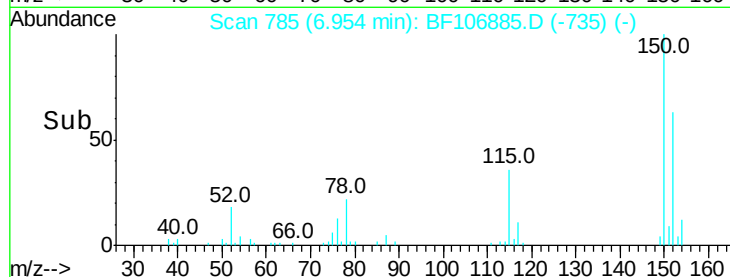
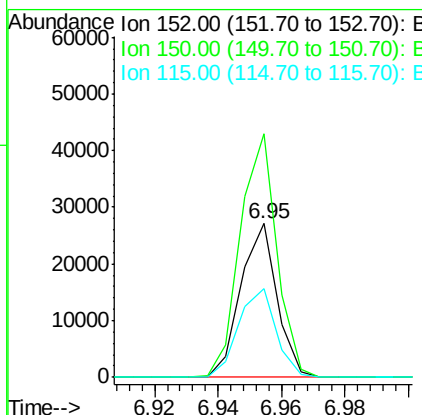
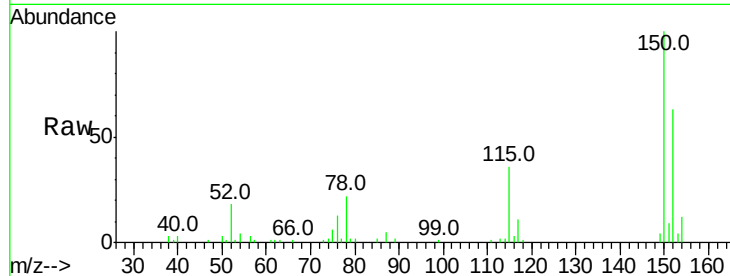
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106885.D
Acq: 27 Jun 2018 21:06

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-F

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	186.8
115	57.6	50.1	75.1

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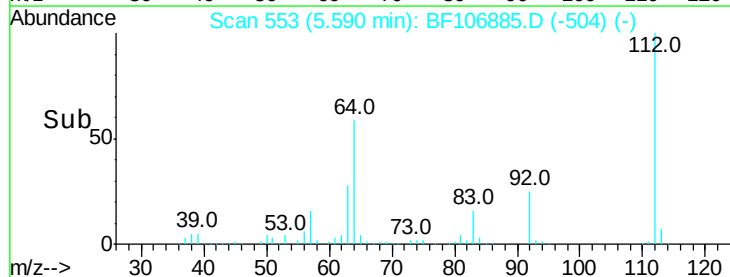
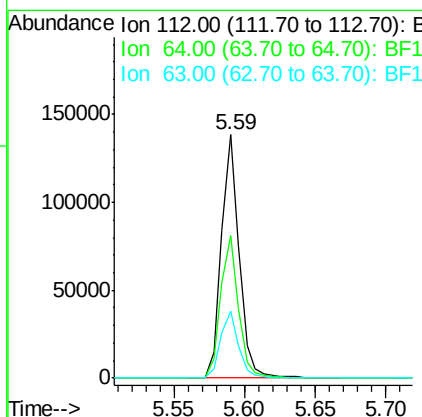
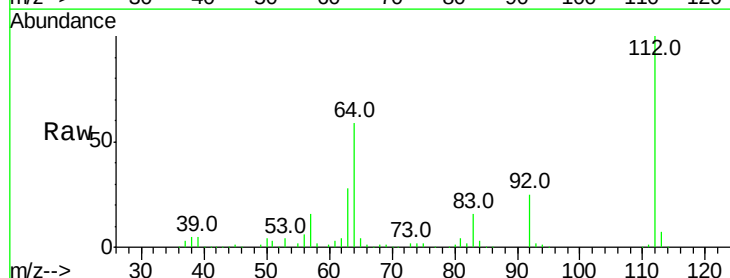
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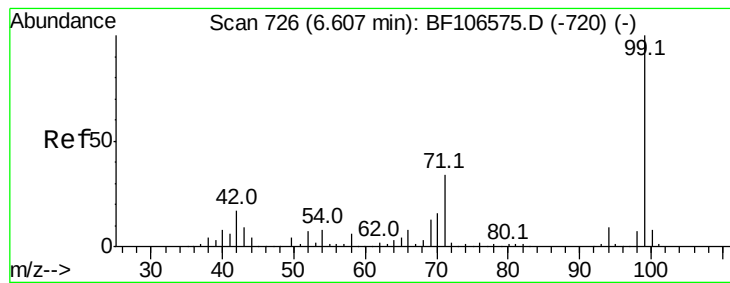


#5

2-Fluorophenol
Concen: 96.552 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF106885.D
Acq: 27 Jun 2018 21:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.9	71.9
63	27.7	23.7	35.5





#7

Phenol-d6

Concen: 98.925 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF106885.D

Acq: 27 Jun 2018 21:06

Instrument :

BNA_F

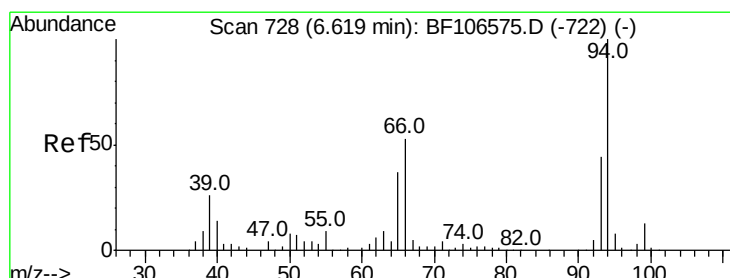
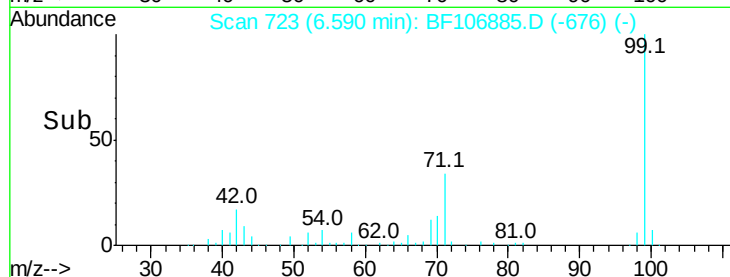
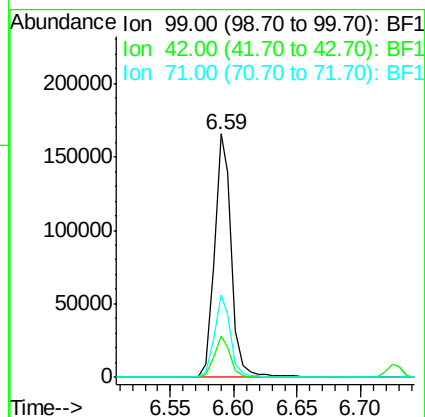
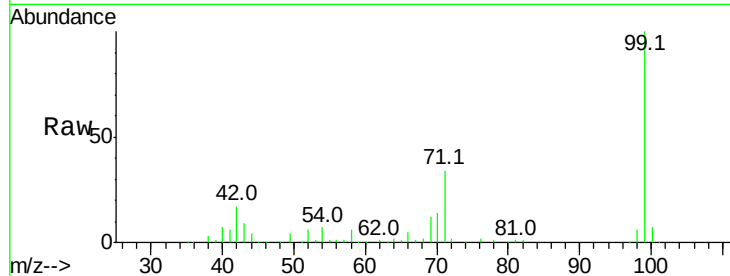
ClientSampleId :

JC-02-062618-F

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		155929		
42	17.0	14.5	21.7		
71	33.6	25.4	38.0		

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#10

Phenol

Concen: 2.281 ng

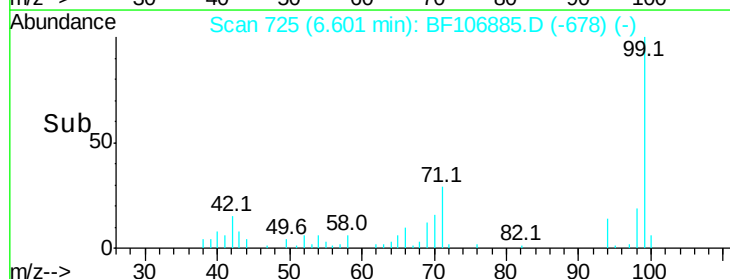
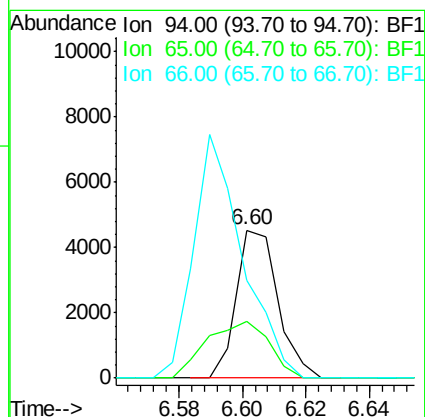
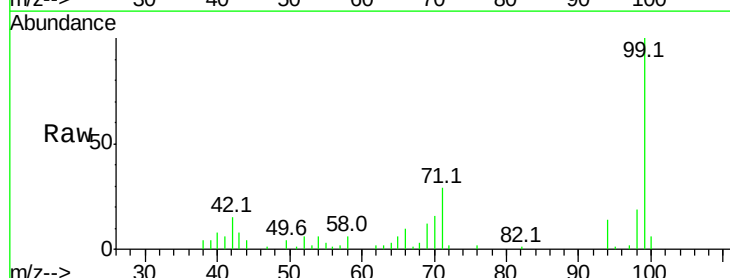
RT: 6.60 min Scan# 725

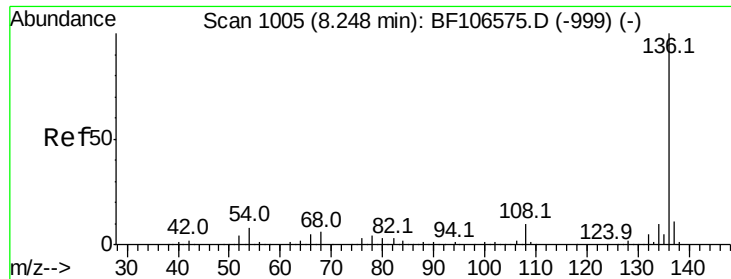
Delta R.T. -0.02 min

Lab File: BF106885.D

Acq: 27 Jun 2018 21:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		4104		
65	38.0	7.9	47.9		
66	66.2	16.2	56.2		





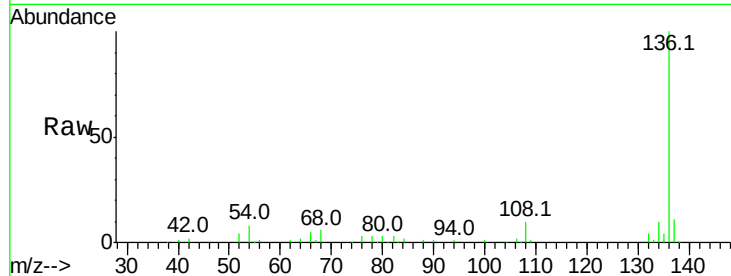
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106885.D
Acq: 27 Jun 2018 21:06

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-F

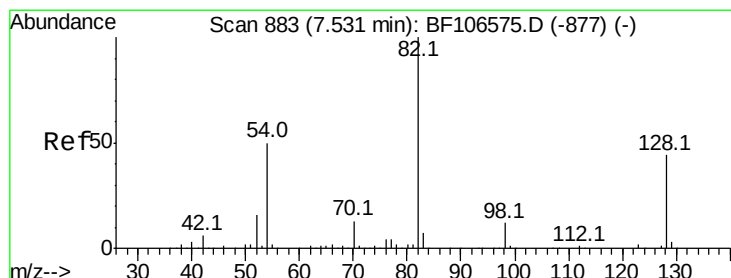
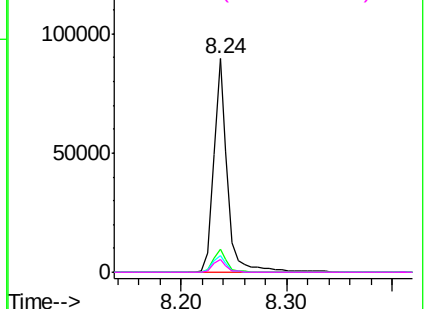
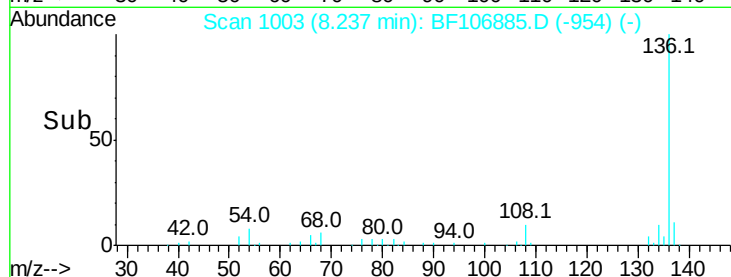
Tot Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.8	6.6	9.8
68	5.8	5.0	7.4

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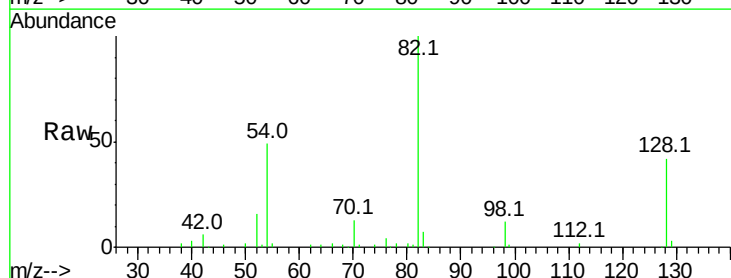


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

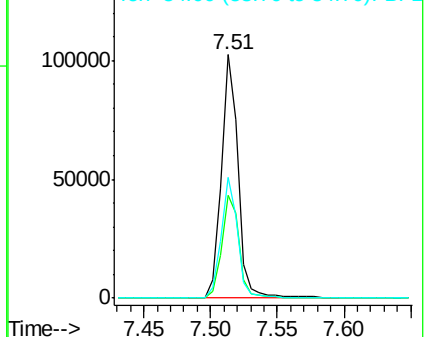
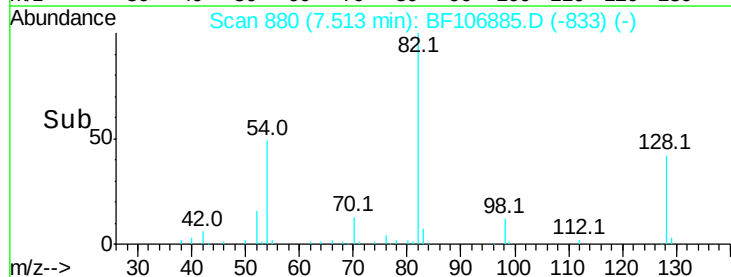


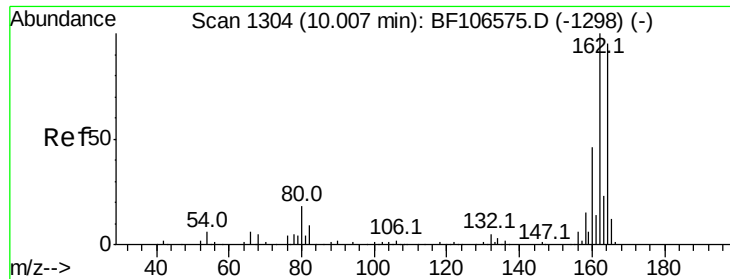
#23
Nitrobenzene-d5
Concen: 62.387 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF106885.D
Acq: 27 Jun 2018 21:06

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.2	36.1	54.1
54	49.4	41.4	62.2



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





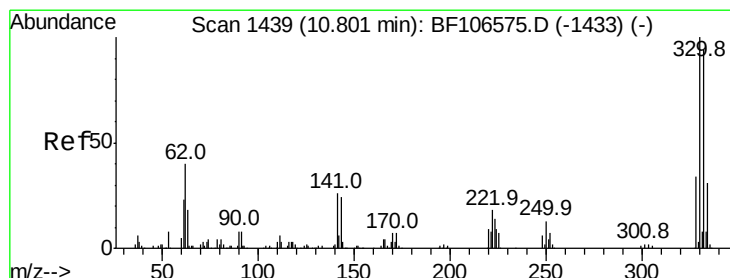
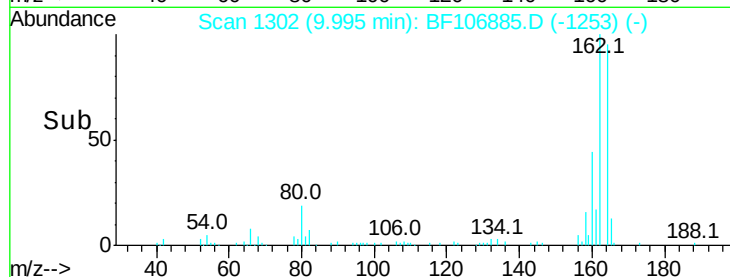
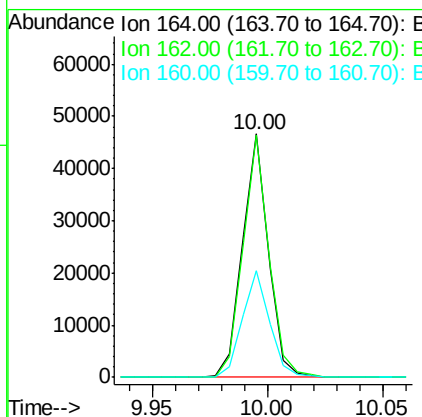
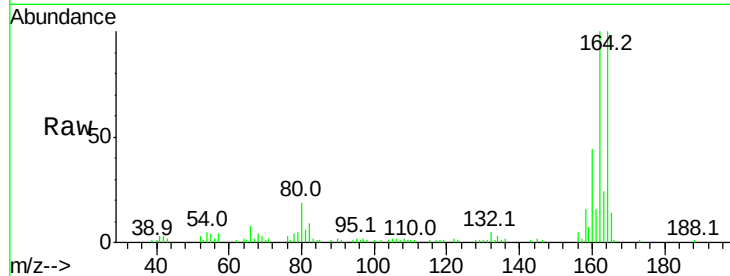
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF106885.D
Acq: 27 Jun 2018 21:06

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-F

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.6	86.1	129.1
160	43.9	38.3	57.5

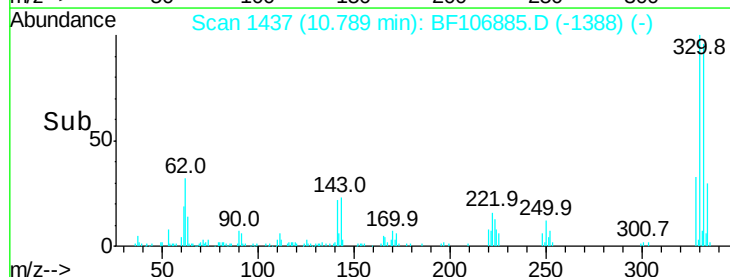
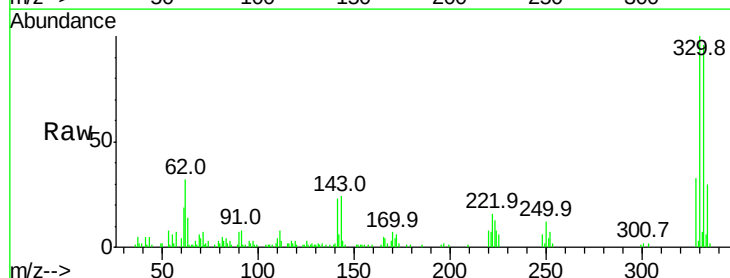
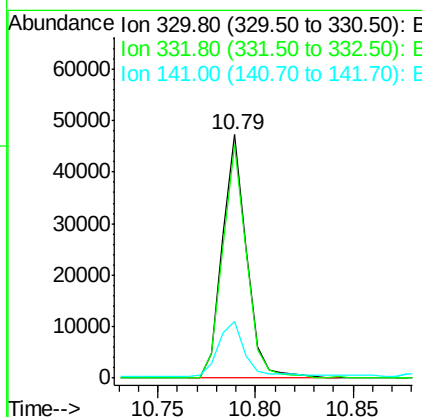
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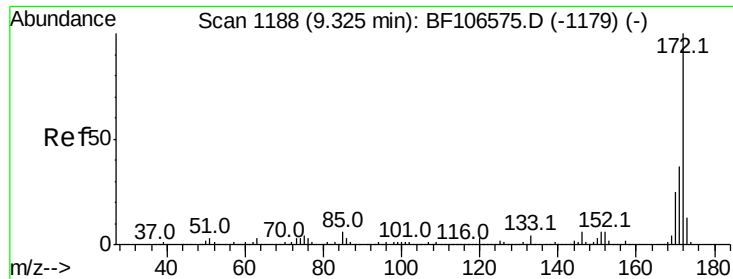
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#41
2,4,6-Tribromophenol
Concen: 95.753 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF106885.D
Acq: 27 Jun 2018 21:06

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	24.3	29.9	44.9#





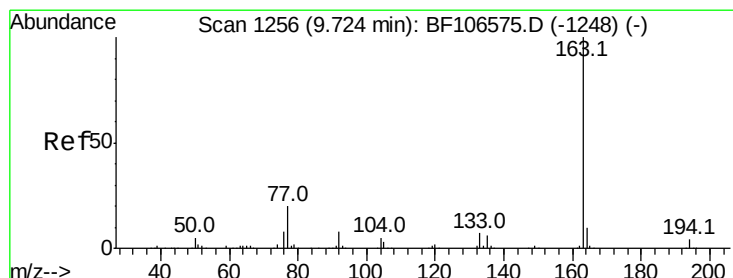
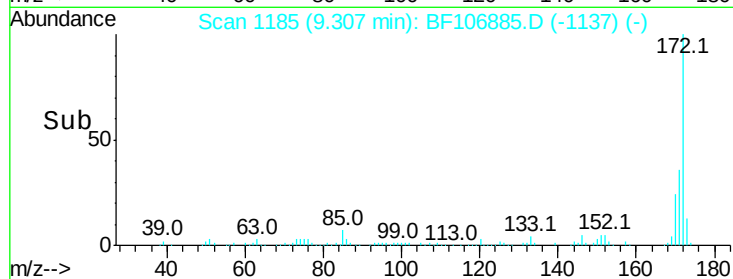
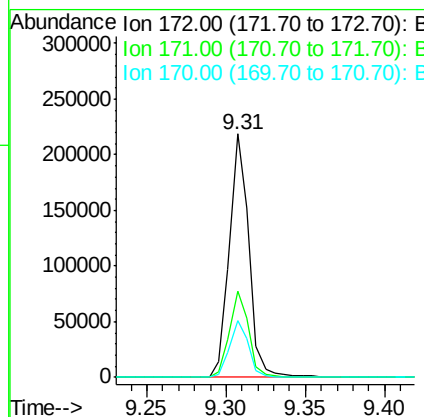
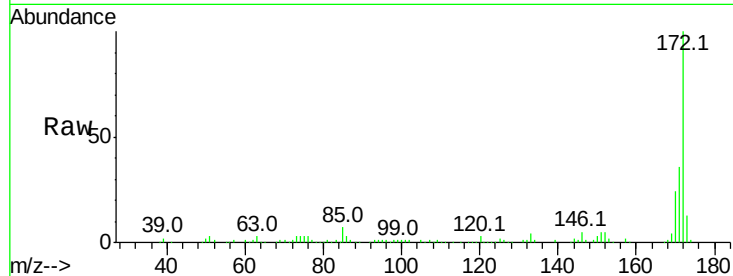
#44
2-Fluorobiphenyl
Concen: 86.334 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF106885.D
Acq: 27 Jun 2018 21:06

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-F

Tot Ion	Ratio	Resp	Lower	Upper
172	100	186879		
171	35.6		29.7	44.5
170	23.5		19.6	29.4

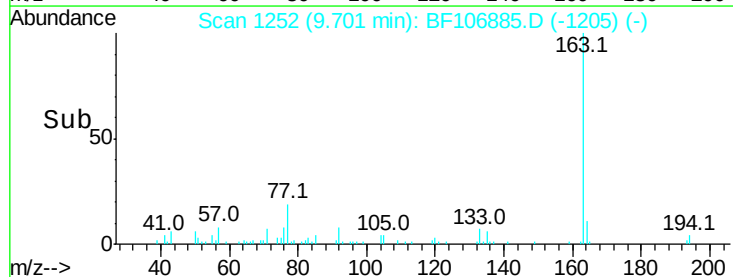
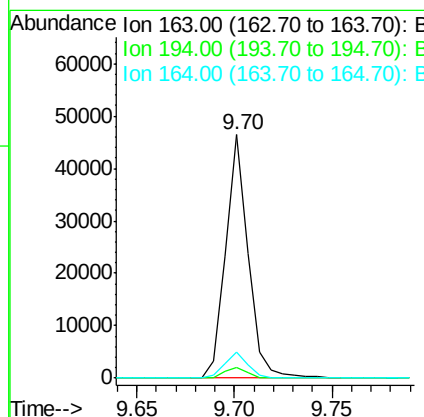
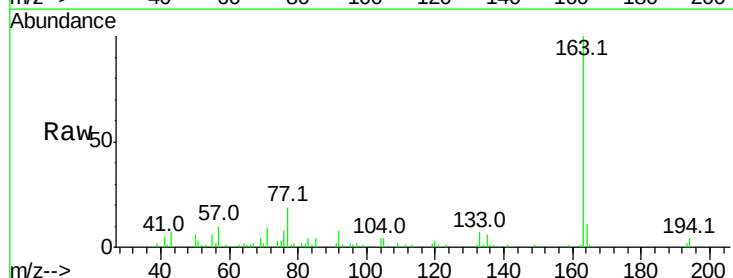
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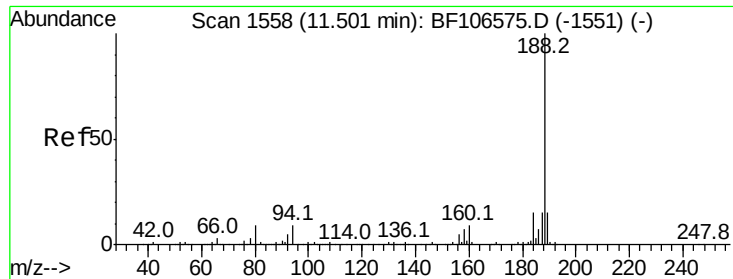
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#49
Dimethylphthalate
Concen: 13.504 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF106885.D
Acq: 27 Jun 2018 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	37208		
194	4.3		2.7	4.1#
164	10.8		8.2	12.2





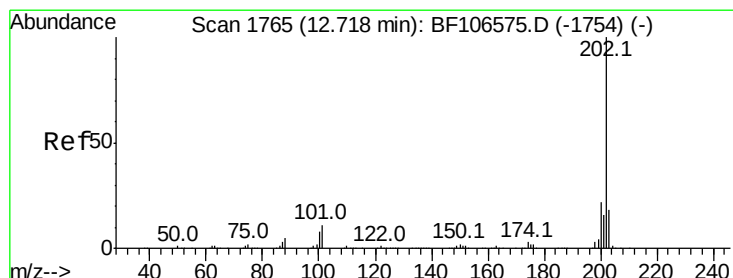
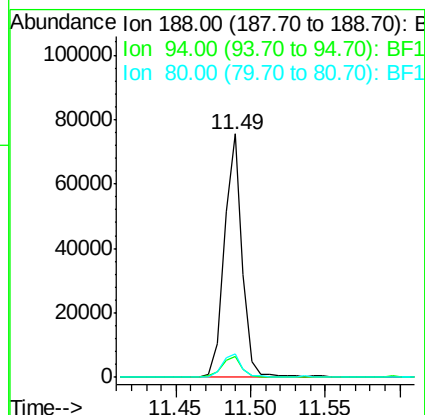
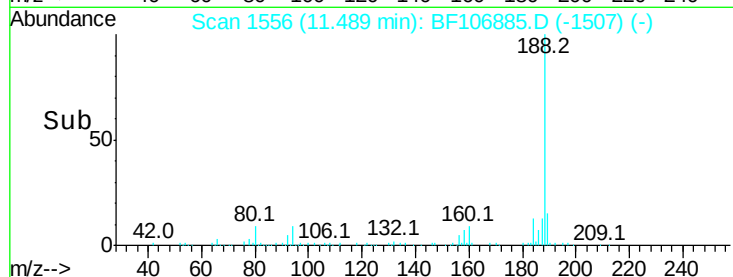
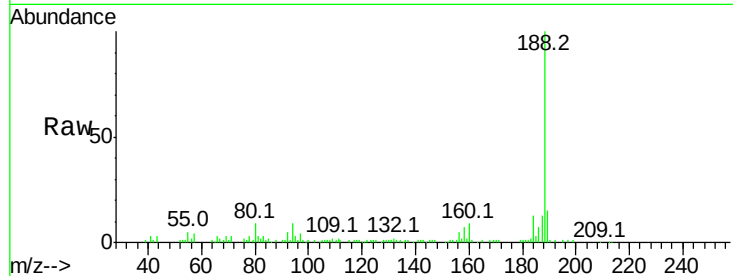
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106885.D
Acq: 27 Jun 2018 21:06

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-F

Tot Ion	Ratio	Resp	Lower	Upper
188	100	63049		
94	8.6		8.5	12.7
80	9.4		9.2	13.8

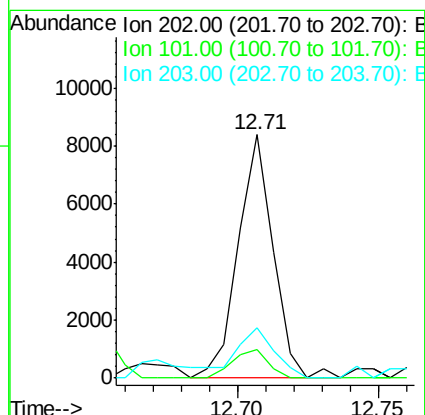
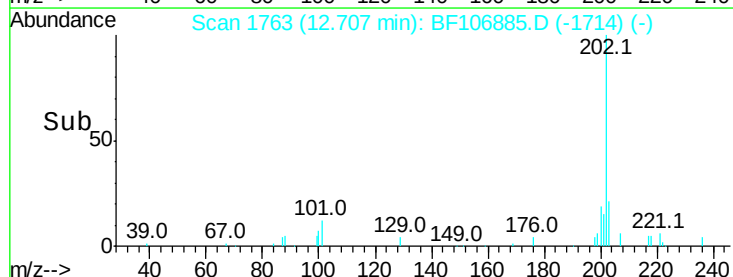
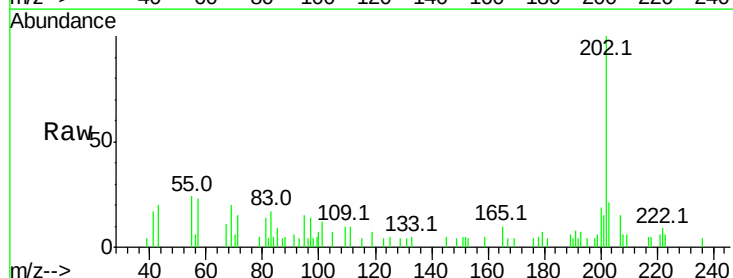
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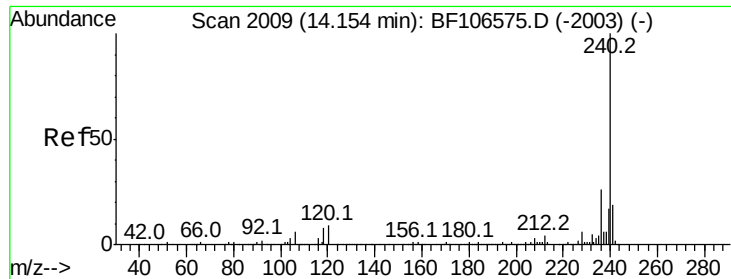
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#74
Fluoranthene
Concen: 2.161 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF106885.D
Acq: 27 Jun 2018 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	7242		
101	11.6		0.0	34.1
203	20.9		0.0	38.1





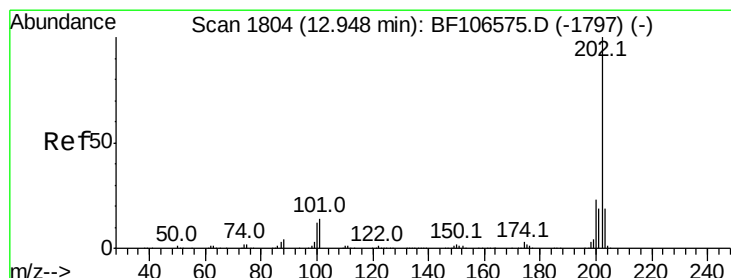
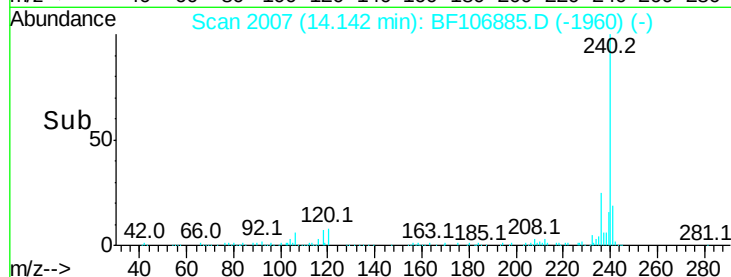
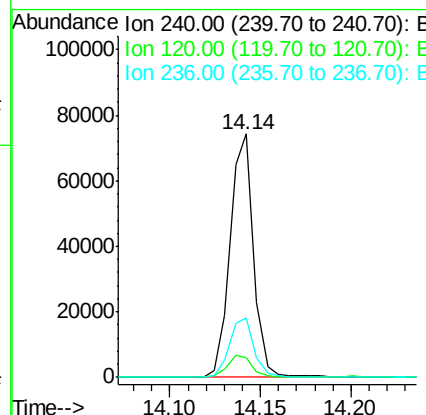
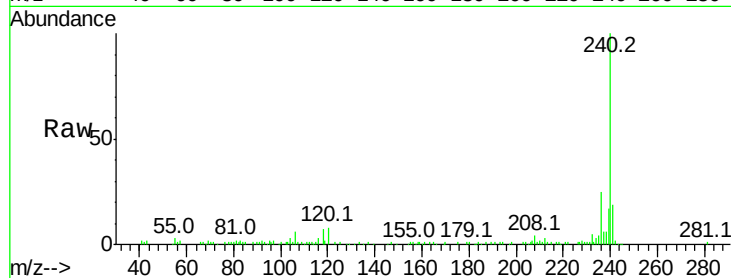
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.02 min
 Lab File: BF106885.D
 Acq: 27 Jun 2018 21:06

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-062618-F

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	8.0	9.5	14.3	
236	24.6	20.7	31.1	

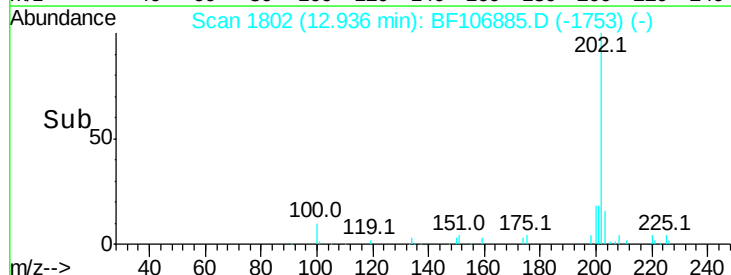
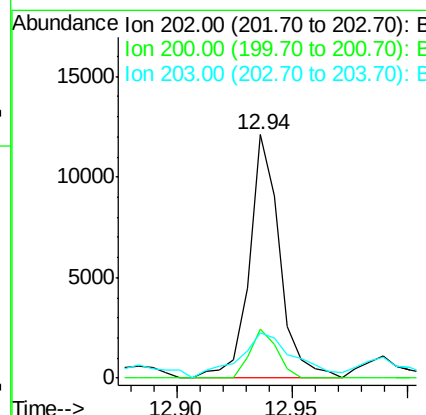
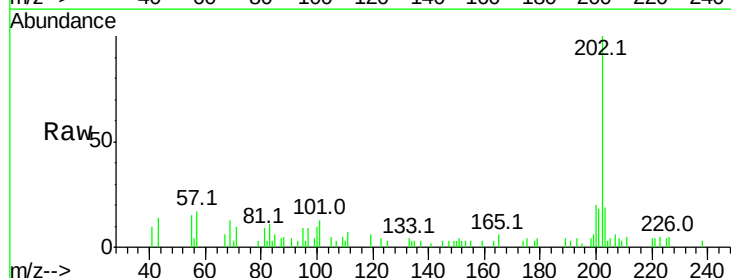
Manual Integrations
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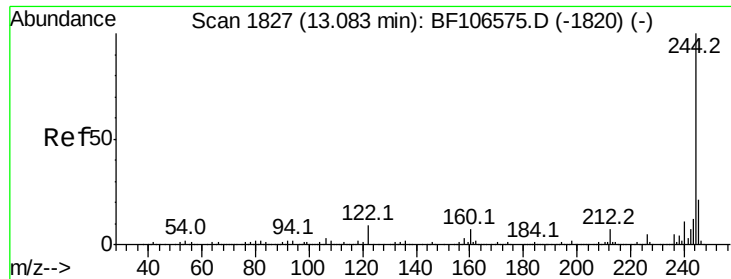
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#77
 Pyrene
 Concen: 2.532 ng
 RT: 12.94 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: BF106885.D
 Acq: 27 Jun 2018 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.3	17.4	26.2	
203	18.8	14.3	21.5	





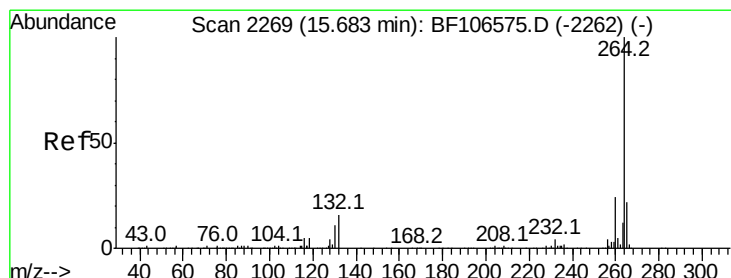
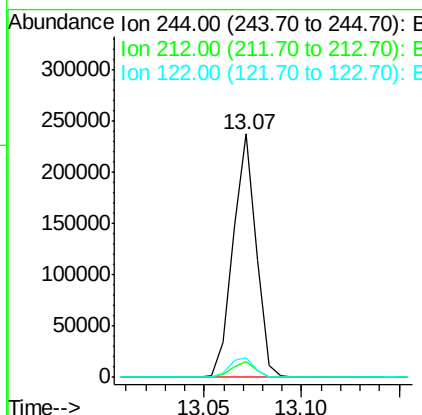
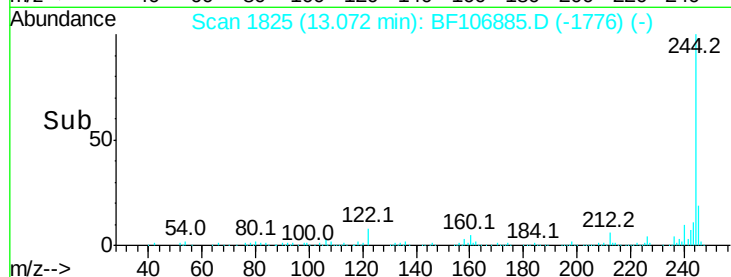
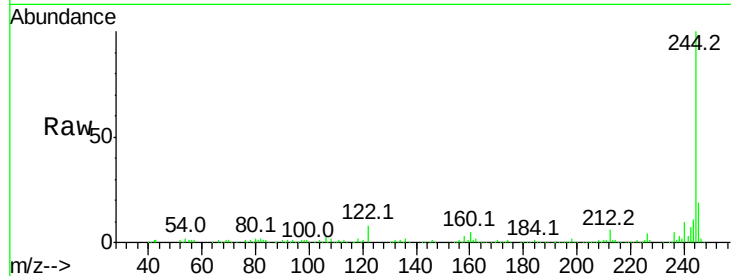
#78
 Terphenyl-d14
 Concen: 70.658 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF106885.D
 Acq: 27 Jun 2018 21:06

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-062618-F

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	8.3	11.0	16.4

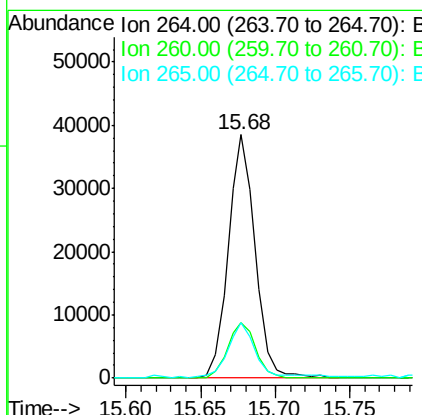
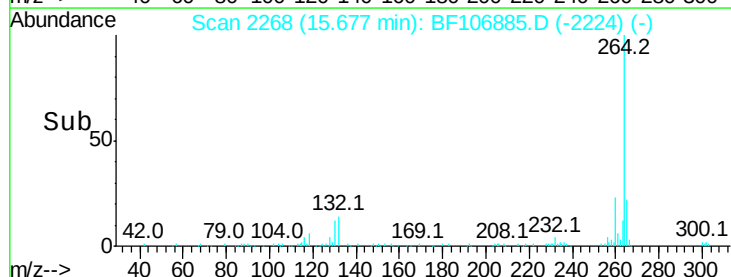
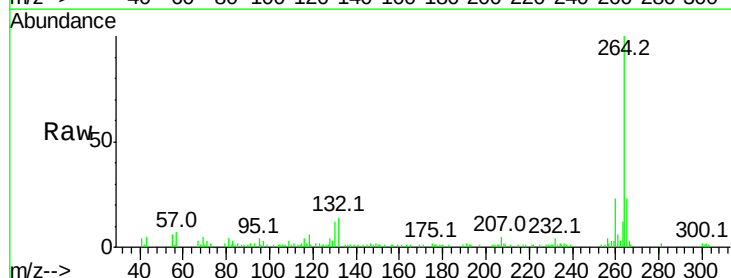
Manual Integrations
 APPROVED

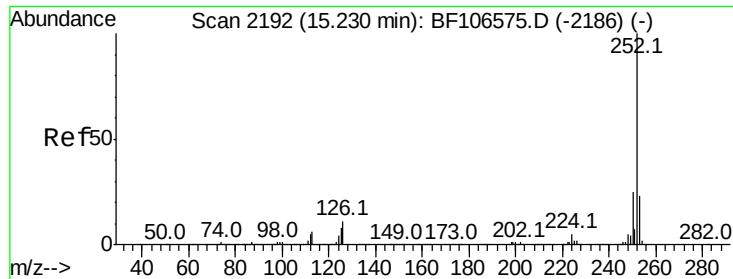
Sohil
 6/28/2018 2:21:37 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.04 min
 Lab File: BF106885.D
 Acq: 27 Jun 2018 21:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	22.7	17.5	26.3





#87
 Benzo(b)fluoranthene
 Concen: 2.249 ng/ml
 RT: 15.22 min Scan# 2190
 Delta R.T. -0.04 min
 Lab File: BF106885.D
 Acq: 27 Jun 2018 21:06

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-062618-F

Tot Ion	Ratio	Lower	Upper
252	100		
253	32.8	17.0	25.6#
125	22.4	9.0	13.6#

Manual Integrations
 APPROVED

Sohil
 6/28/2018 2:21:37 PM

