

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
 Data File : BF107026.D
 Acq On : 30 Jun 2018 20:24
 Operator : JU/SJ
 Sample : J3638-02 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-2

Manual Integrations
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Sohil
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Quant Time: Jul 02 07:16:18 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	68734	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	241619	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	105477	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	213039	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	186502	20.00	ng	-0.02
86) Perylene-d12	15.68	264	133715	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	226812	55.88	ng	0.00
7) Phenol-d6	6.60	99	272470	53.75	ng	-0.02
23) Nitrobenzene-d5	7.51	82	150382	34.59	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	71834	58.76	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	310574	42.46	ng	-0.02
78) Terphenyl-d14	13.07	244	393660	51.13	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.70	163	36839	4.657	ng	97
70) Phenanthrene	11.51	178	69042	6.719	ng	97
74) Fluoranthene	12.71	202	182022	16.072	ng	94
77) Pyrene	12.94	202	168774	13.723	ng	99
80) Benzo(a)anthracene	14.13	228	104321	9.178	ng	98
82) Chrysene	14.17	228	99670	9.531	ng	98
85) Indeno(1,2,3-cd)pyrene	17.25	276	69025	7.778	ng	# 87
87) Benzo(b)fluoranthene	15.22	252	132999m	16.012	ng	
88) Benzo(k)fluoranthene	15.25	252	45837m	5.795	ng	
89) Benzo(a)pyrene	15.61	252	86795	11.754	ng	96
91) Benzo(g,h,i)perylene	17.74	276	70908	11.593	ng	# 90

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

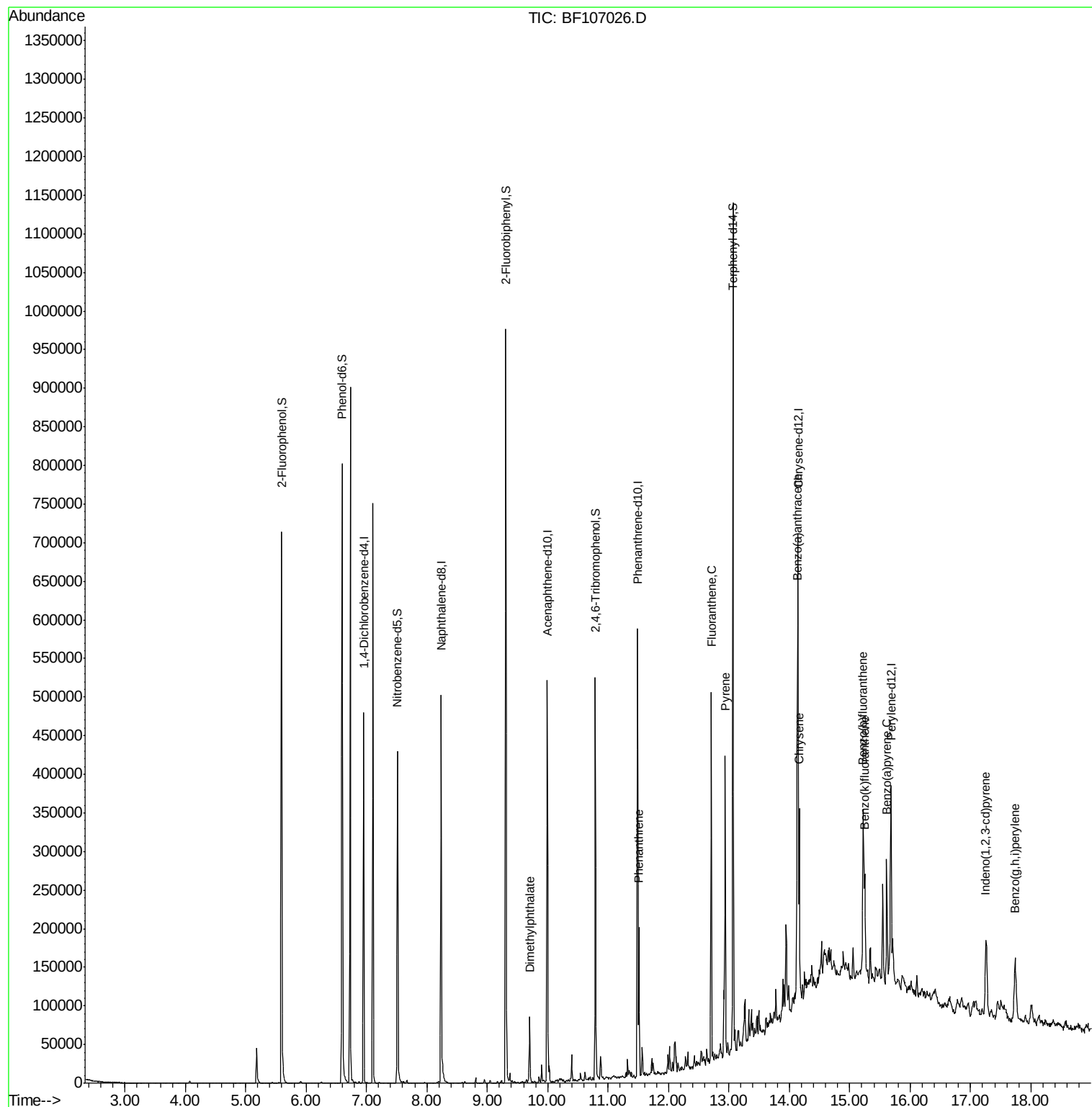
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
Data File : BF107026.D
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Sample : J3638-02 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

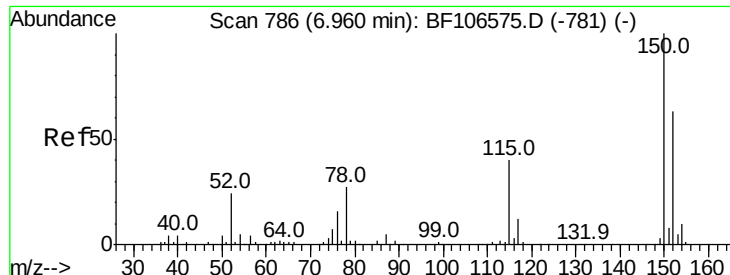
Instrument :
BNA_F
ClientSampleId :
P-2

Manual Integrations
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

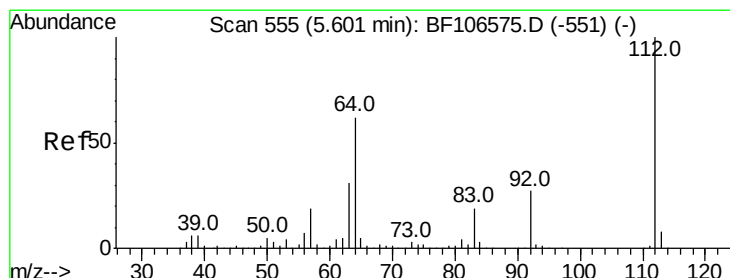
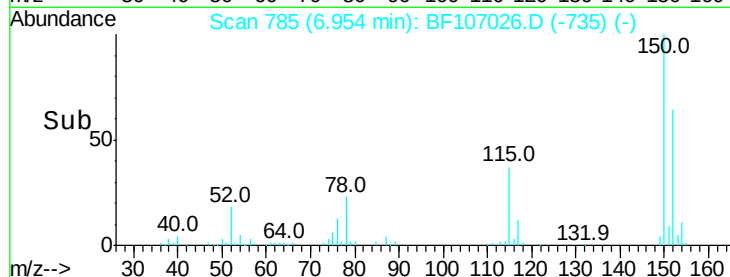
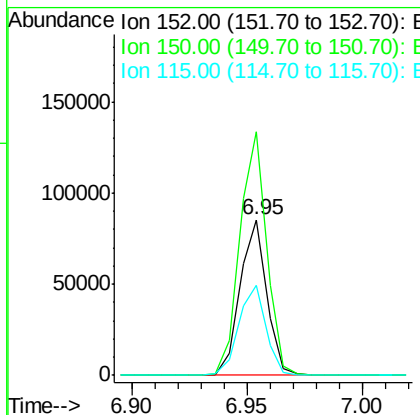
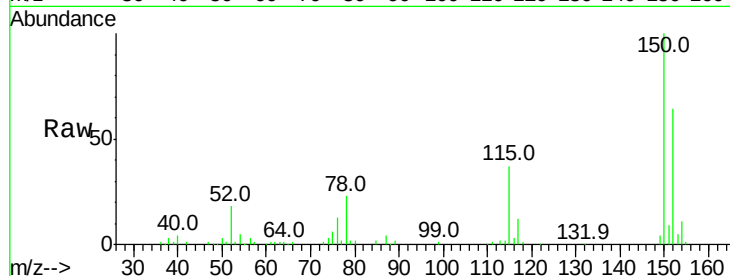
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107026.D
Acq: 30 Jun 2018 20:24

Instrument :
BNA_F
ClientSampled :
P-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	57.9	50.1	75.1

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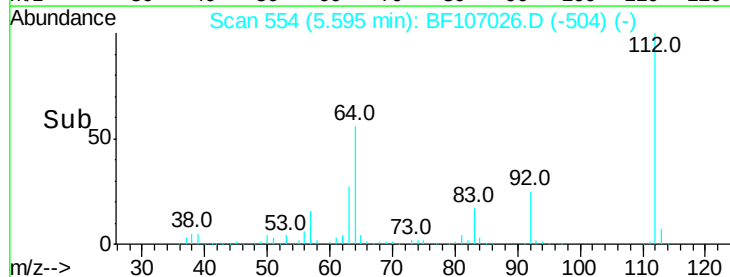
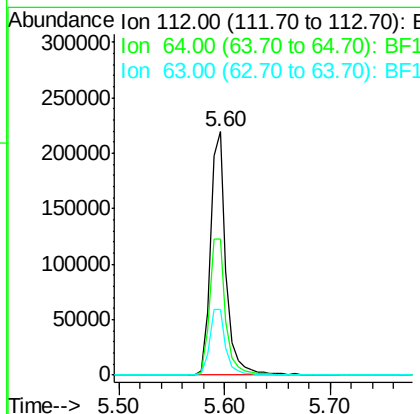
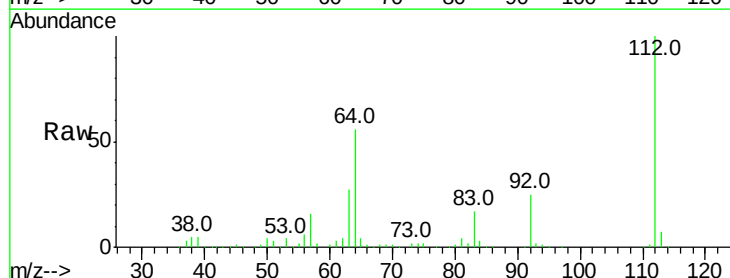
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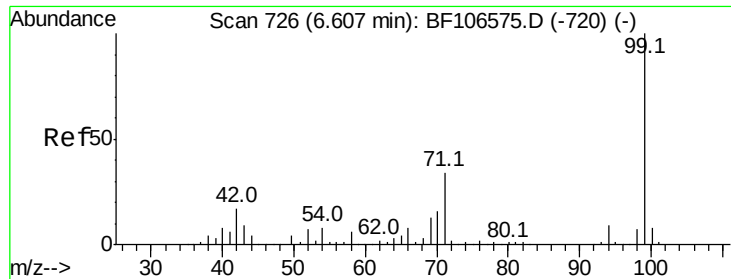


#5

2-Fluorophenol
Concen: 55.877 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107026.D
Acq: 30 Jun 2018 20:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.8	47.9	71.9
63	27.2	23.7	35.5





#7

Phenol-d6

Concen: 53.752 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107026.D

Acq: 30 Jun 2018 20:24

Instrument :

BNA_F

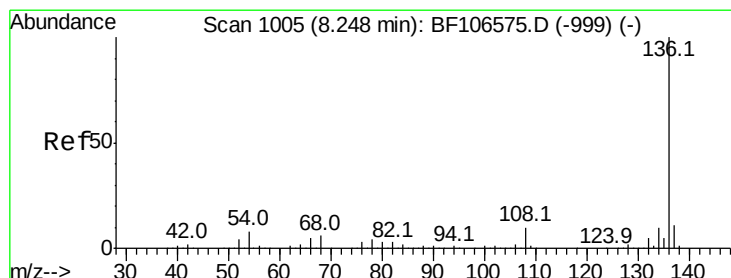
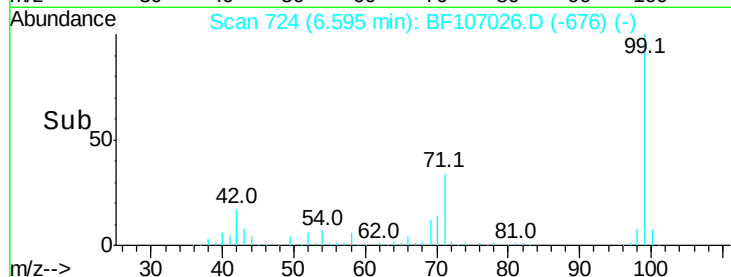
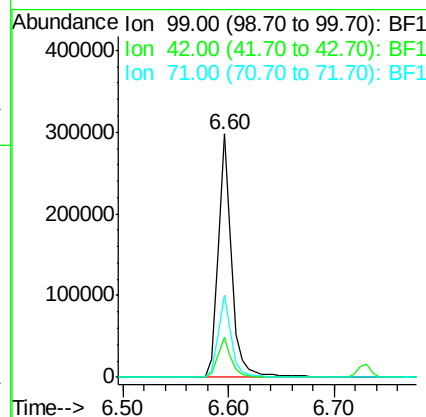
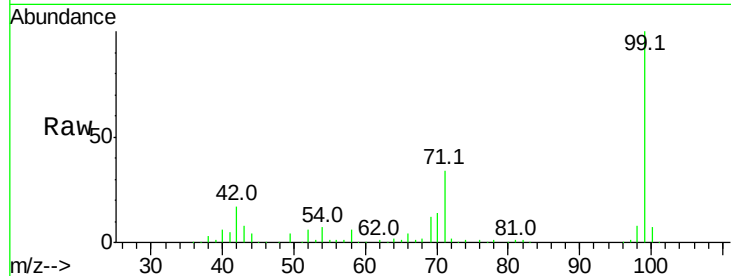
ClientSampled :

P-2

Tot Ion:	99	Resp:	272470
Ion Ratio	Lower	Upper	
99	100		
42	16.6	14.5	21.7
71	33.7	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

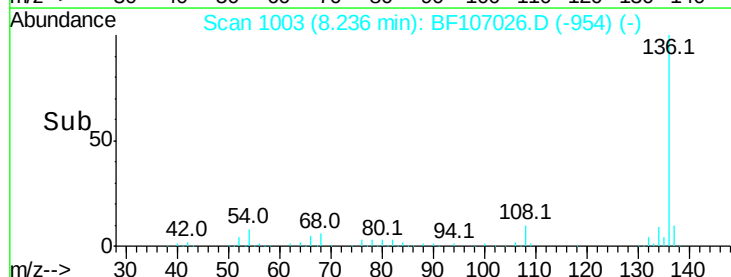
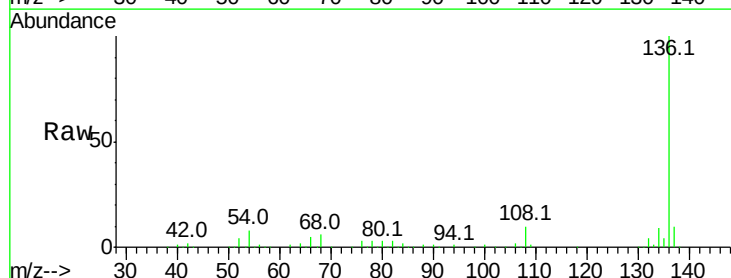
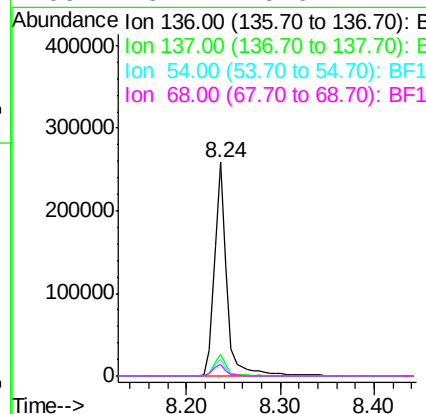
RT: 8.24 min Scan# 1003

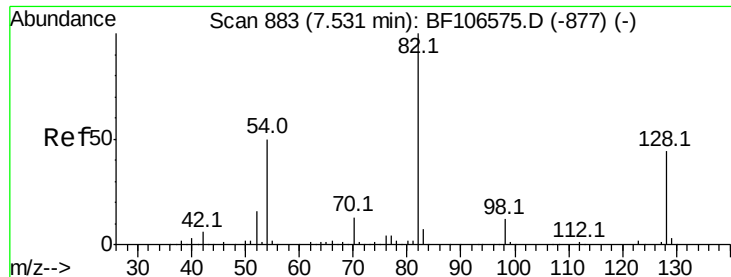
Delta R.T. -0.01 min

Lab File: BF107026.D

Acq: 30 Jun 2018 20:24

Tgt Ion:	136	Resp:	241619
Ion Ratio	Lower	Upper	
136	100		
137	10.2	8.9	13.3
54	7.7	6.6	9.8
68	5.7	5.0	7.4





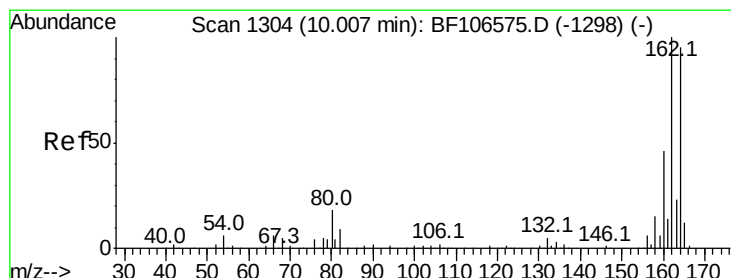
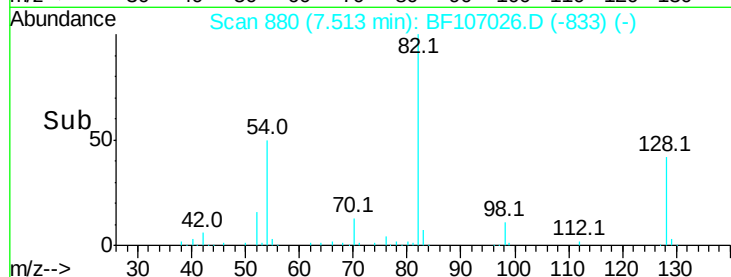
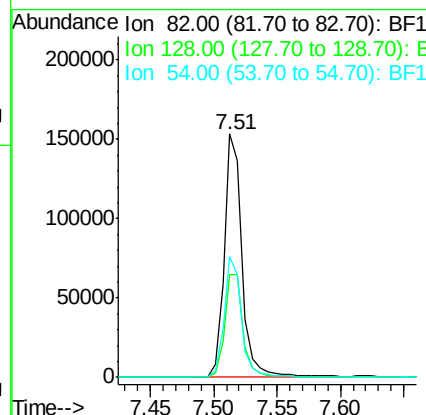
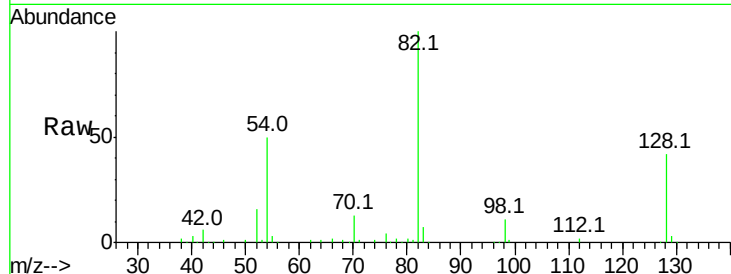
#23
Nitrobenzene-d5
Concen: 34.589 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107026.D
Acq: 30 Jun 2018 20:24

Instrument :
BNA_F
ClientSampled :
P-2

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.1	36.1	54.1
54	49.5	41.4	62.2

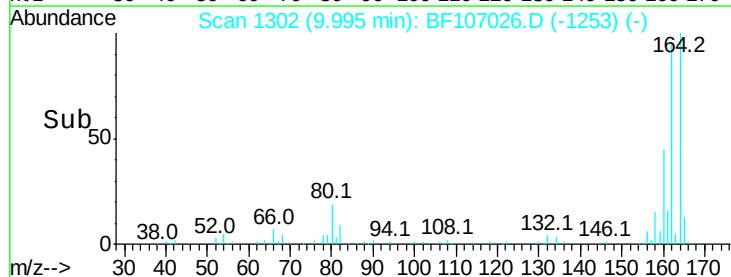
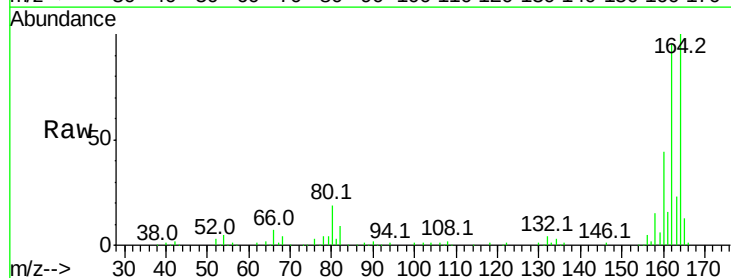
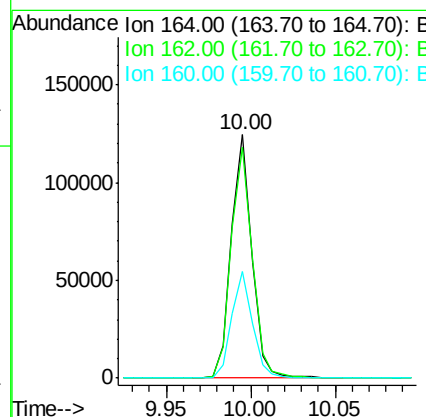
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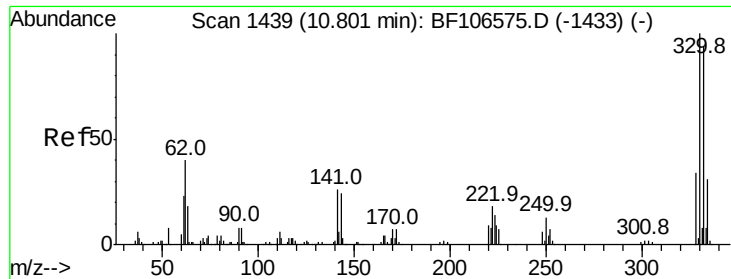
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107026.D
Acq: 30 Jun 2018 20:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.7	86.1	129.1
160	43.9	38.3	57.5





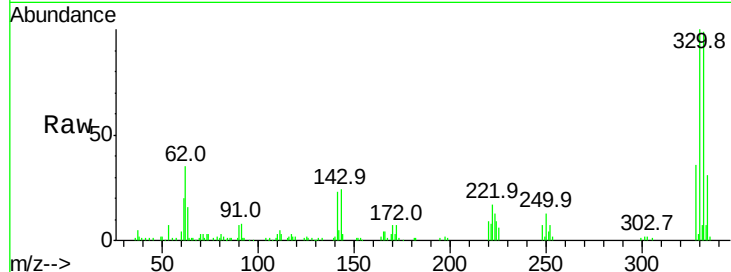
#41
 2,4,6-Tribromophenol
 Concen: 58.760 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107026.D
 Acq: 30 Jun 2018 20:24

Instrument :
 BNA_F
 ClientSampled :
 P-2

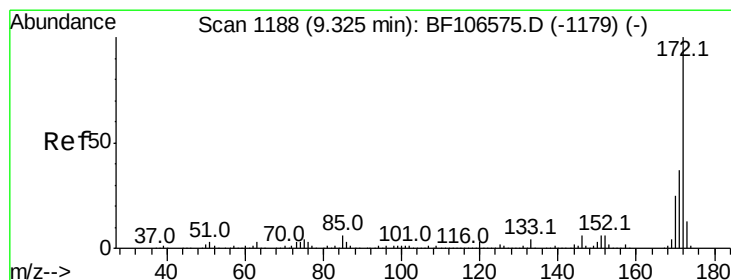
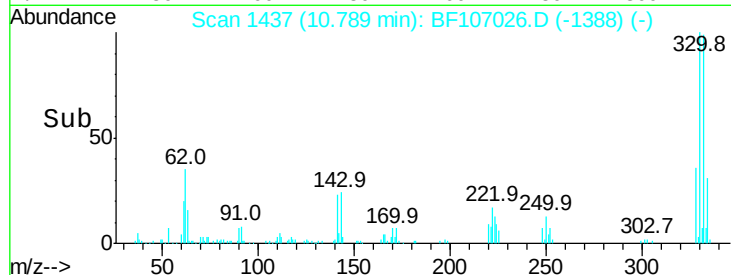
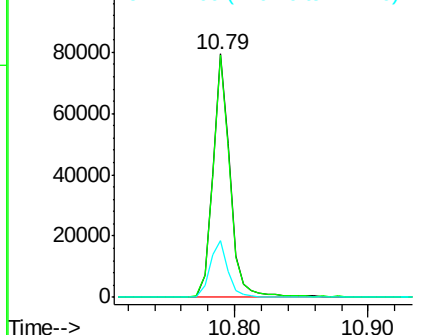
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	99.1	77.0	115.6	
141	24.3	29.9	44.9	

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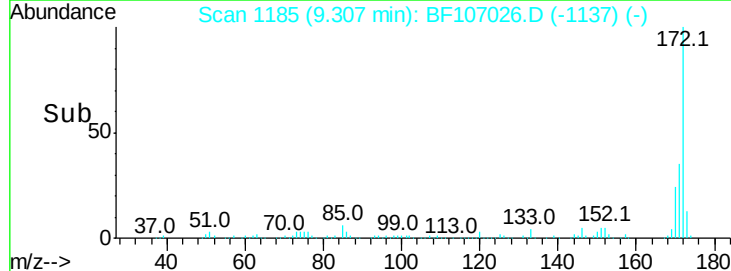
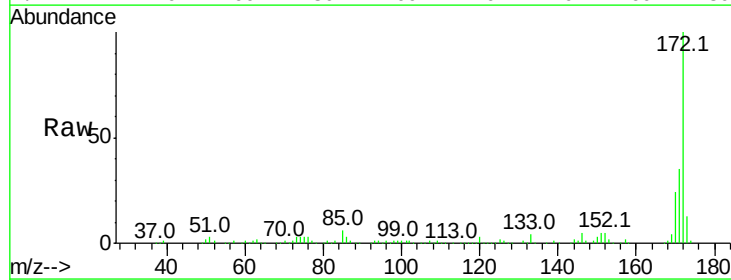
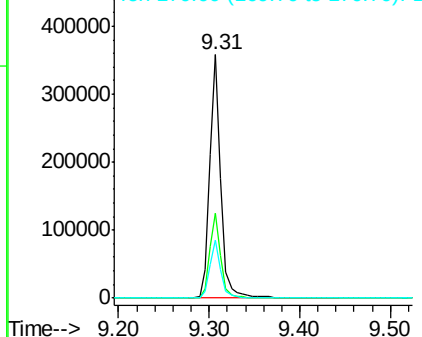
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

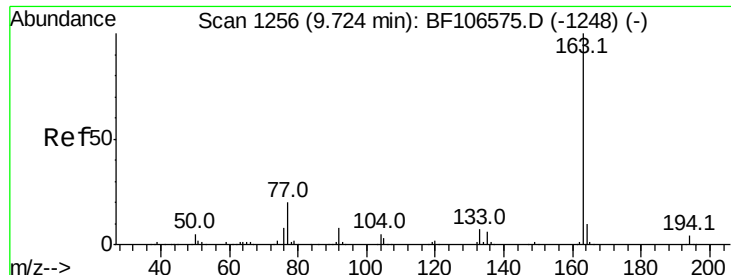


#44
 2-Fluorobiphenyl
 Concen: 42.456 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107026.D
 Acq: 30 Jun 2018 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.1	29.7	44.5	
170	23.7	19.6	29.4	

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





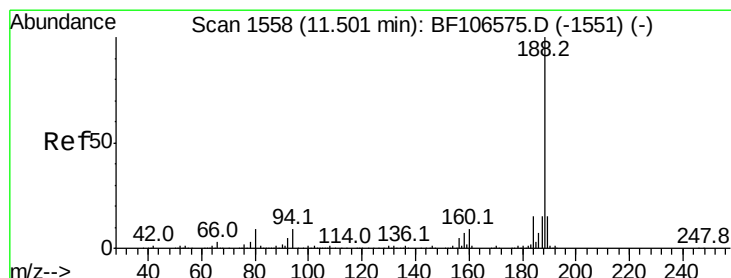
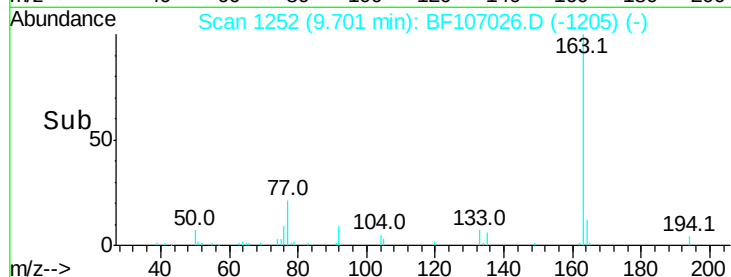
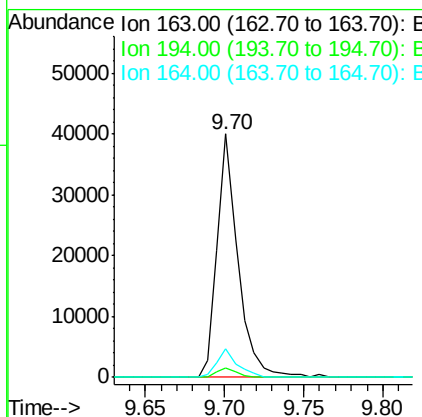
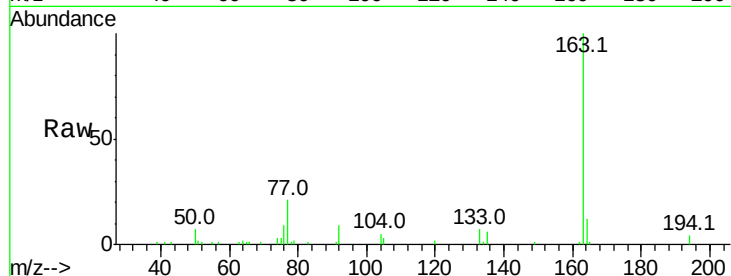
#49
Dimethylphthalate
Concen: 4.657 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107026.D
Acq: 30 Jun 2018 20:24

Instrument :
BNA_F
ClientSampled :
P-2

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	11.6	8.2	12.2

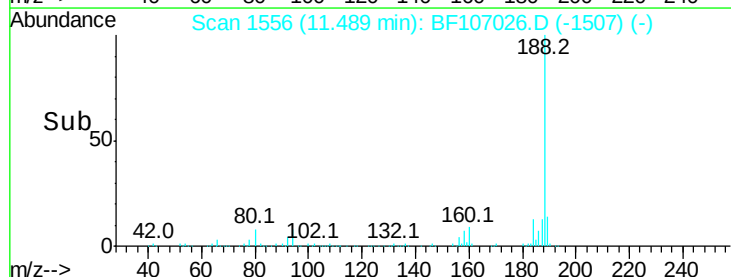
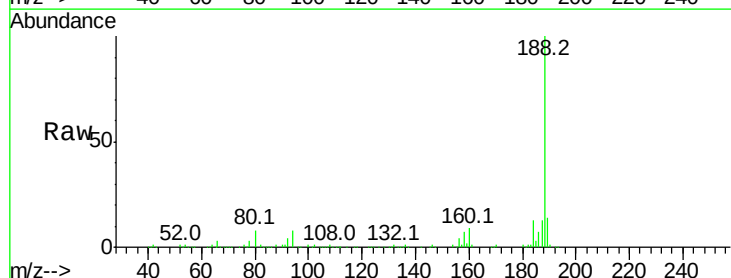
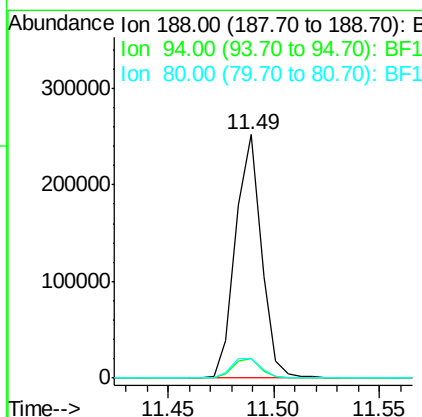
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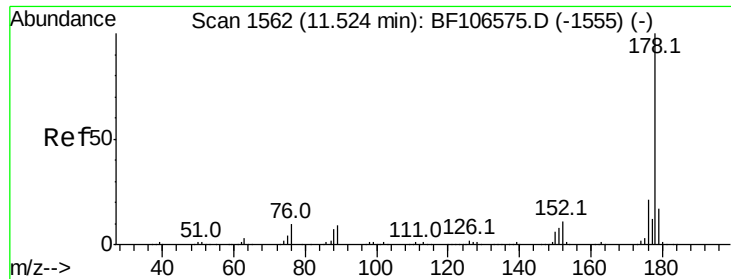
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107026.D
Acq: 30 Jun 2018 20:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	8.3	9.2	13.8#





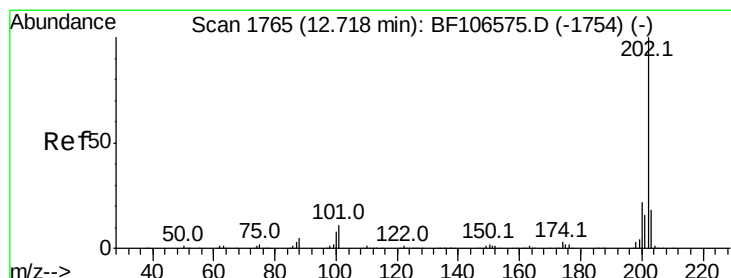
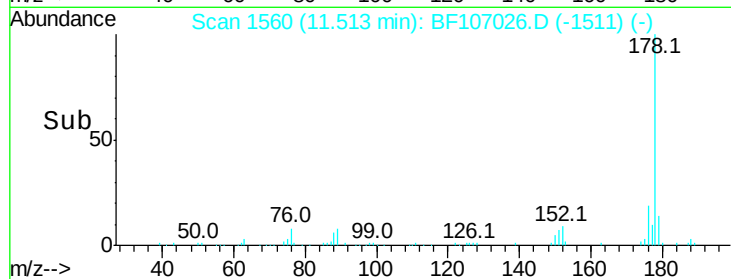
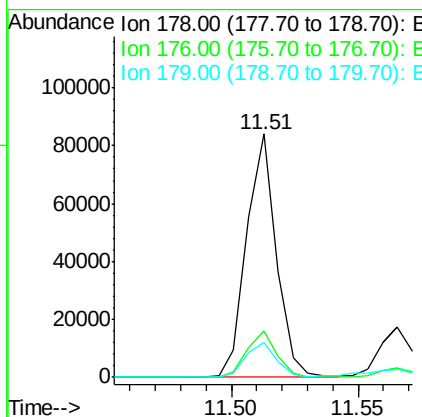
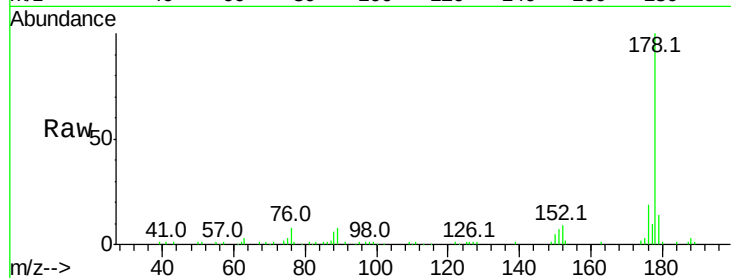
#70
Phenanthrene
Concen: 6.719 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF107026.D
Acq: 30 Jun 2018 20:24

Instrument :
BNA_F
ClientSampleId :
P-2

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	14.4	13.0	19.6

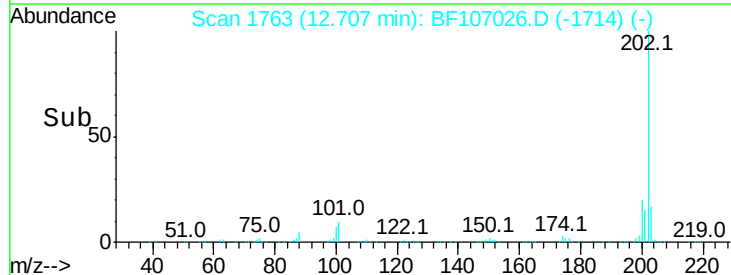
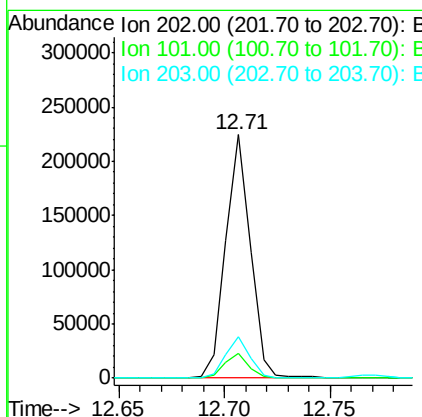
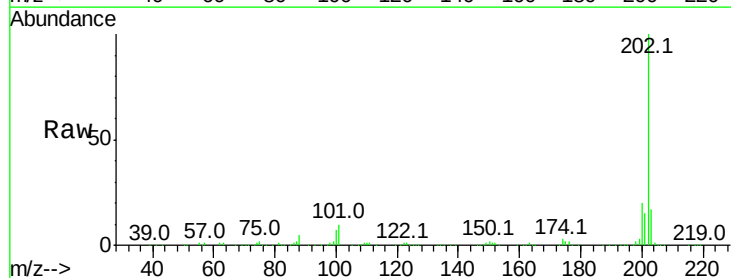
Manual Integrations
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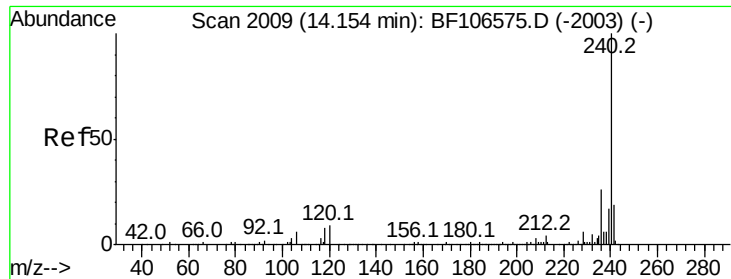
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#74
Fluoranthene
Concen: 16.072 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF107026.D
Acq: 30 Jun 2018 20:24

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	34.1
203	17.1	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: BF107026.D

Acq: 30 Jun 2018 20:24

Instrument :

BNA_F

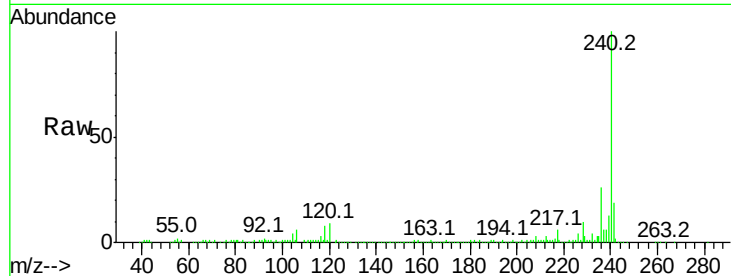
ClientSampled :

P-2

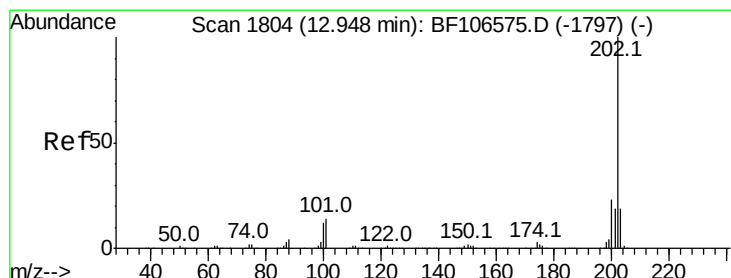
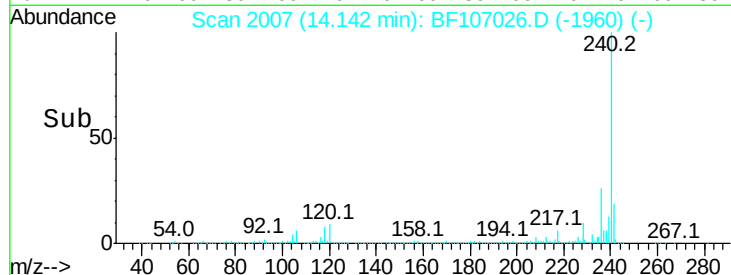
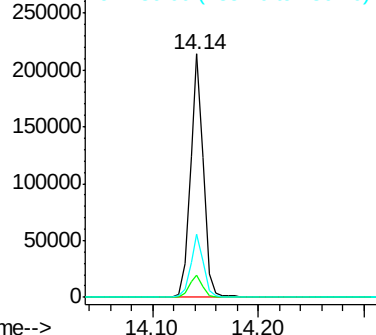
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.9	9.5	14.3#
236	25.8	20.7	31.1

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: 13.723 ng

RT: 12.94 min Scan# 1802

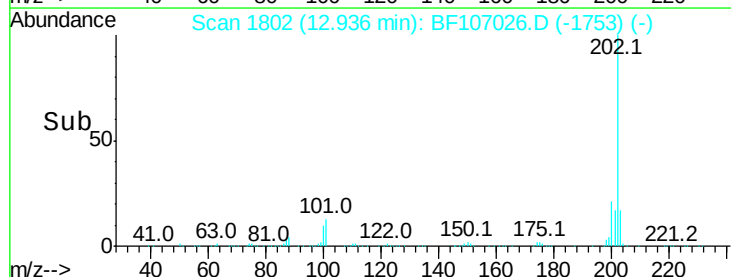
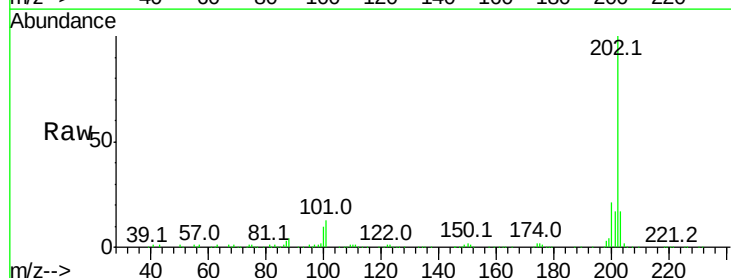
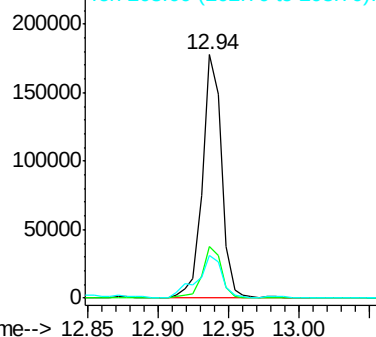
Delta R.T. -0.01 min

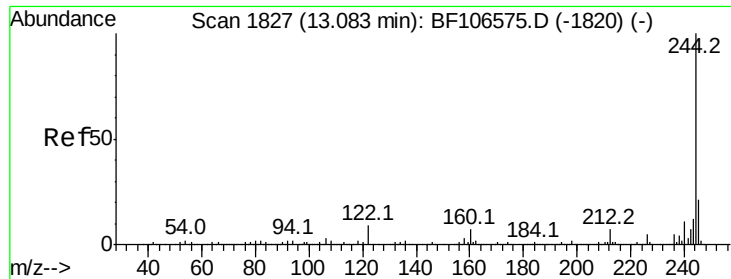
Lab File: BF107026.D

Acq: 30 Jun 2018 20:24

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.4	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





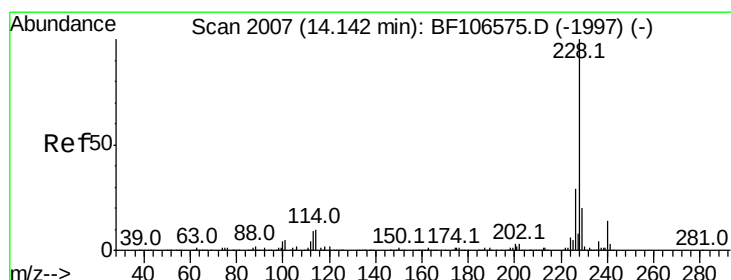
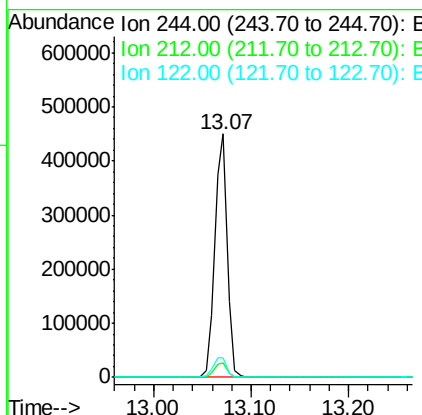
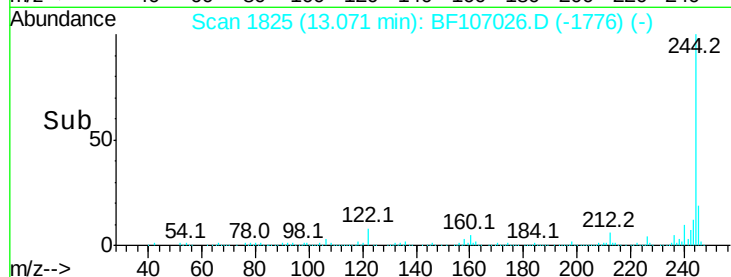
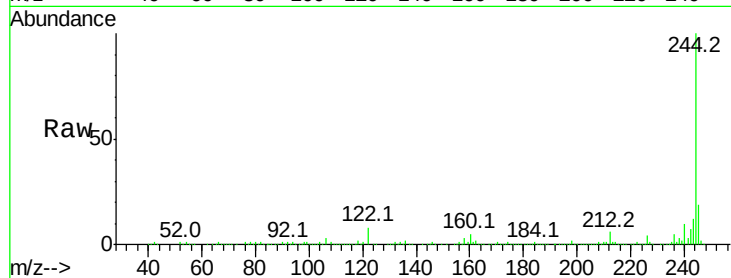
#78
 Terphenyl-d14
 Concen: 51.129 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF107026.D
 Acq: 30 Jun 2018 20:24

Instrument :
 BNA_F
 ClientSampleId :
 P-2

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.0	5.4	8.0
122	8.1	11.0	16.4

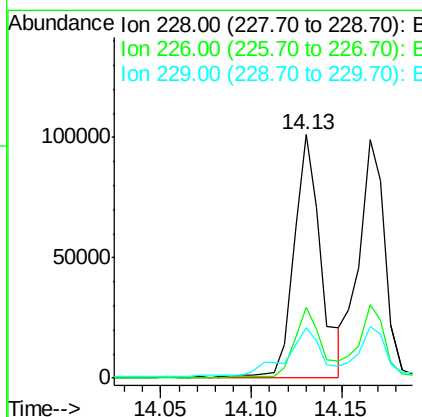
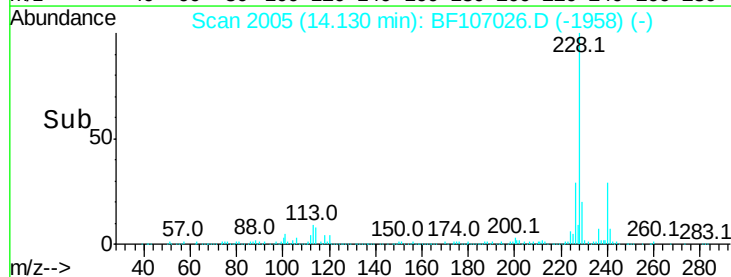
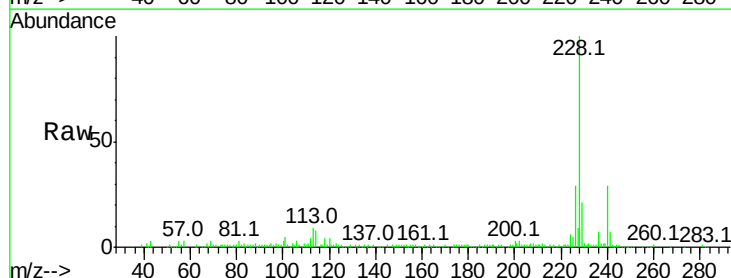
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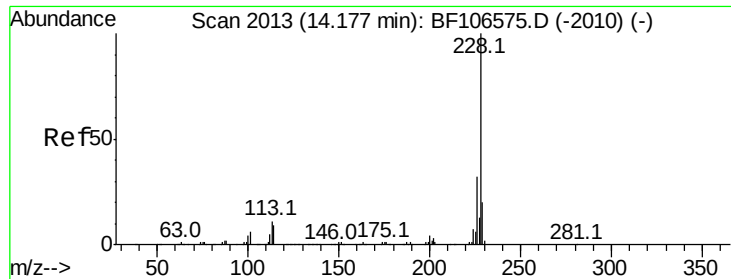
Sohil
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#80
 Benzo(a)anthracene
 Concen: 9.178 ng
 RT: 14.13 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BF107026.D
 Acq: 30 Jun 2018 20:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	20.5	15.8	23.6





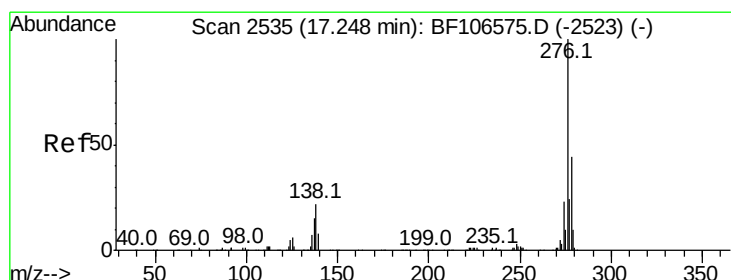
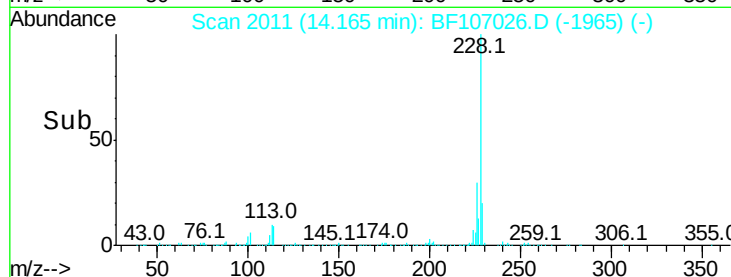
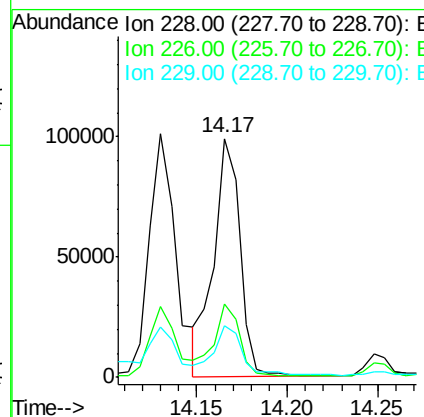
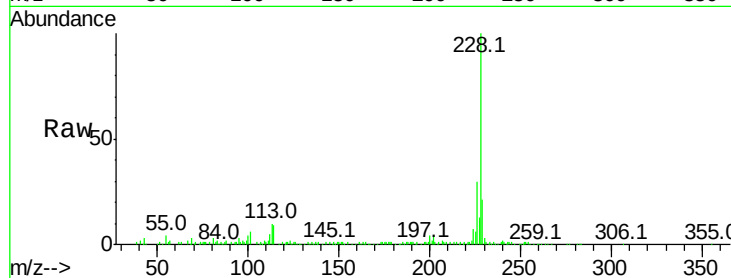
#82
Chrysene
Concen: 9.531 ng
RT: 14.17 min Scan# 2011
Delta R.T. -0.03 min
Lab File: BF107026.D
Acq: 30 Jun 2018 20:24

Instrument :
BNA_F
ClientSampled :
P-2

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	21.5	16.2	24.4

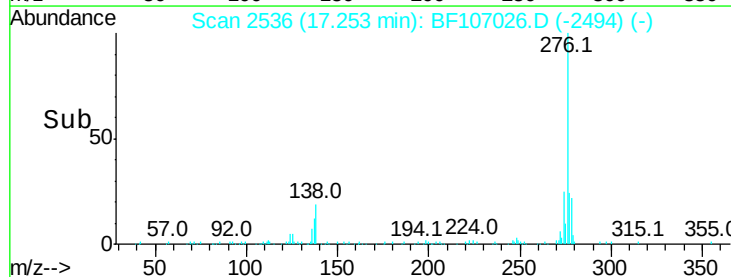
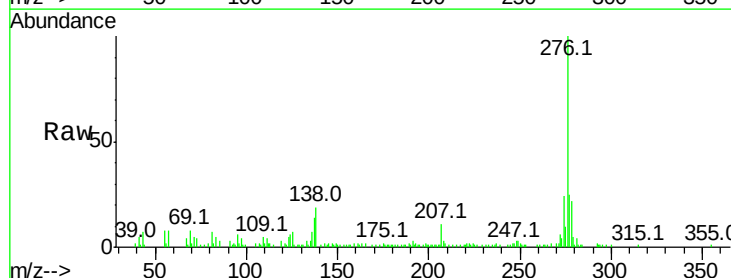
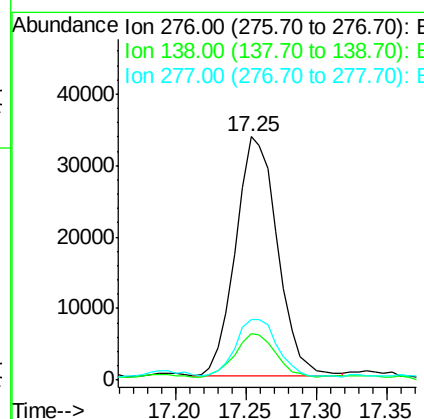
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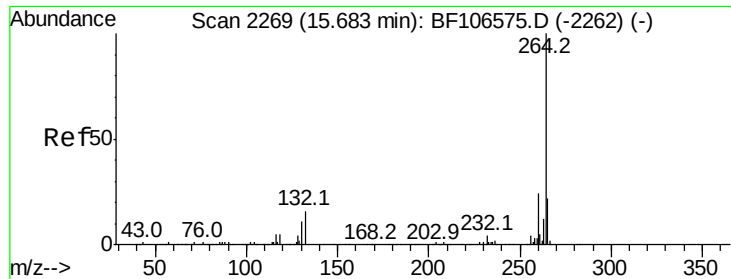
Sohil
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#85
Indeno(1,2,3-cd)pyrene
Concen: 7.778 ng
RT: 17.25 min Scan# 2536
Delta R.T. -0.05 min
Lab File: BF107026.D
Acq: 30 Jun 2018 20:24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.7	25.0	37.6#
277	25.4	20.1	30.1





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2269

Delta R.T. -0.04 min

Lab File: BF107026.D

Acq: 30 Jun 2018 20:24

Instrument :

BNA_F

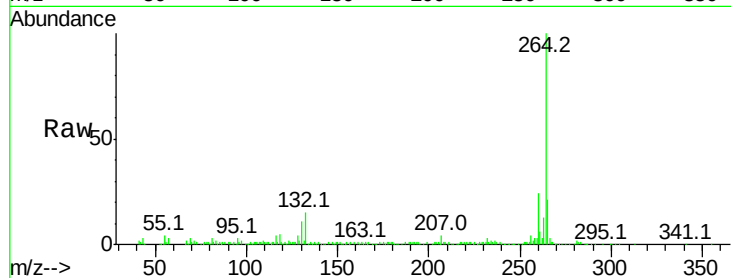
ClientSampled :

P-2

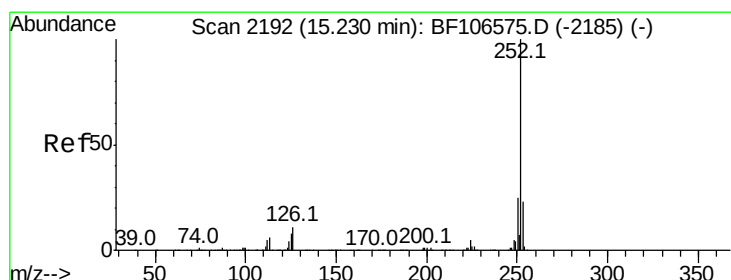
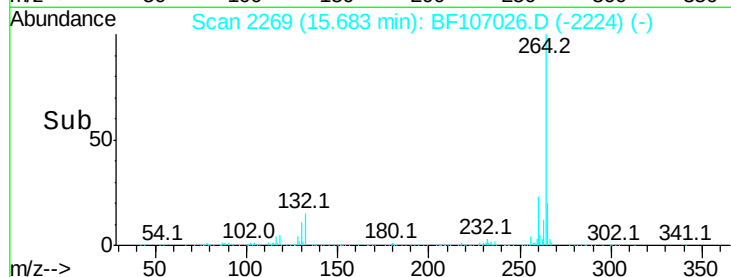
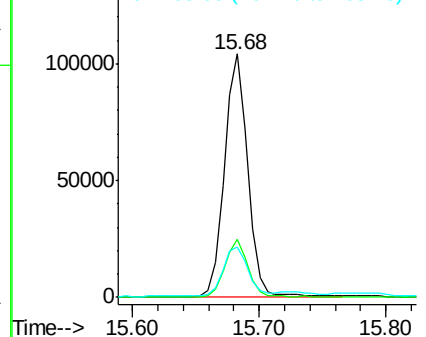
Tot Ion:	264	Resp:	133715
Ion Ratio		Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.8	17.5	26.3

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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



#87

Benzo(b)fluoranthene

Concen: 16.012 ng m

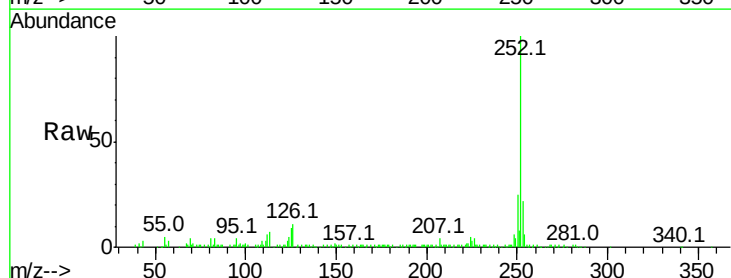
RT: 15.22 min Scan# 2191

Delta R.T. -0.04 min

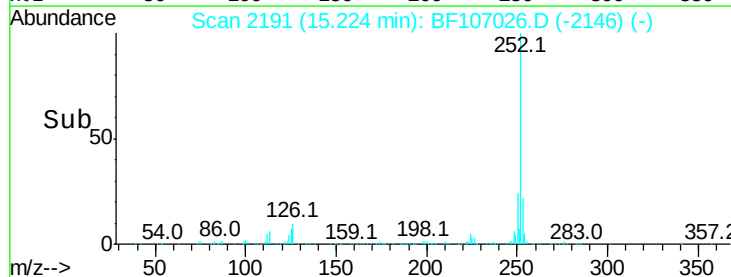
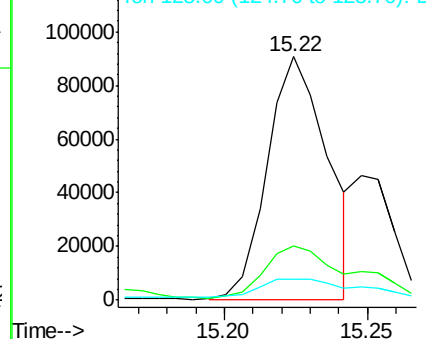
Lab File: BF107026.D

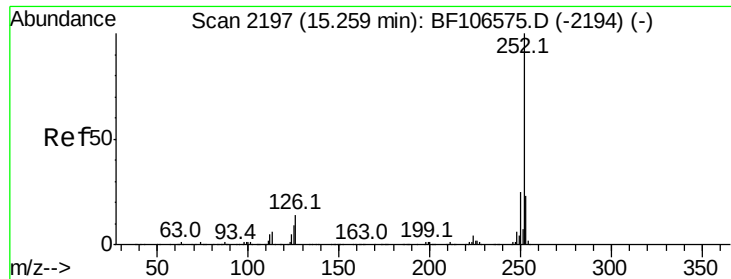
Acq: 30 Jun 2018 20:24

Tgt Ion:	252	Resp:	132999
Ion Ratio		Lower	Upper
252	100		
253	22.5	17.0	25.6
125	8.7	9.0	13.6#



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





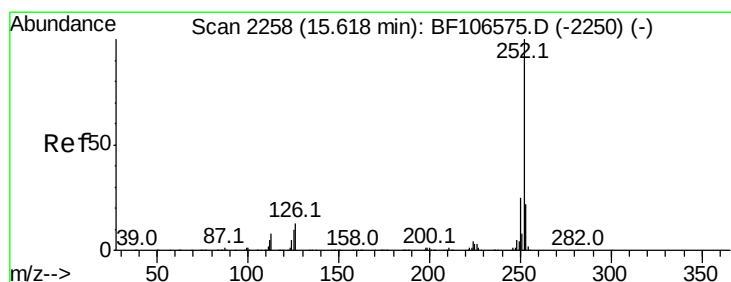
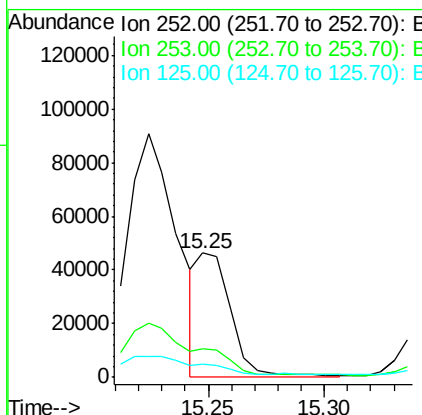
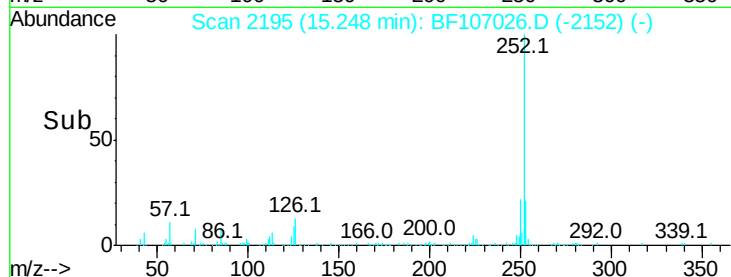
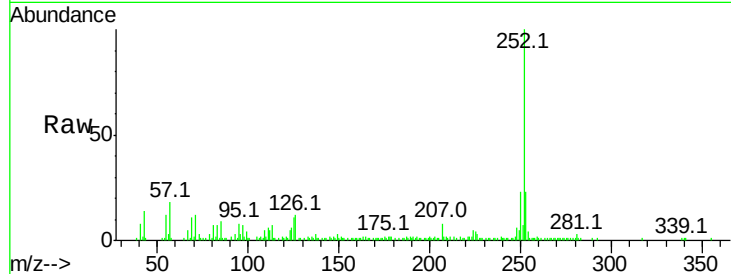
#88
Benzo(k)fluoranthene
Concen: 5.795 ng m
RT: 15.25 min Scan# 2195
Delta R.T. -0.05 min
Lab File: BF107026.D
Acq: 30 Jun 2018 20:24

Instrument :
BNA_F
ClientSampled :
P-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	11.0	10.2	15.2

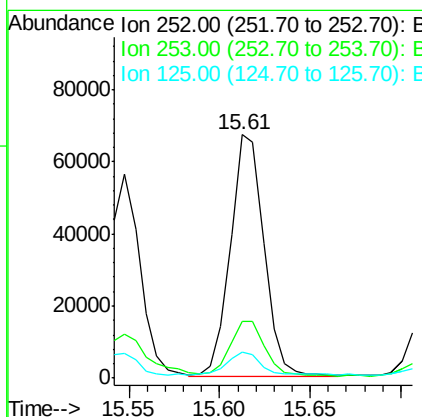
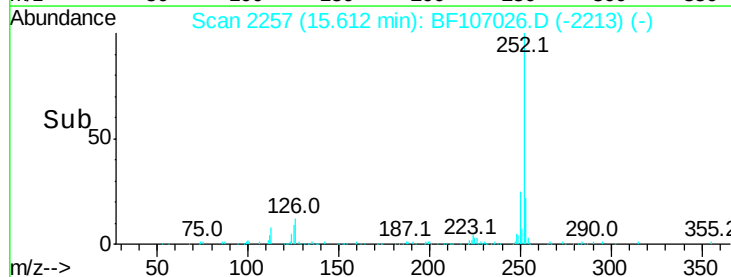
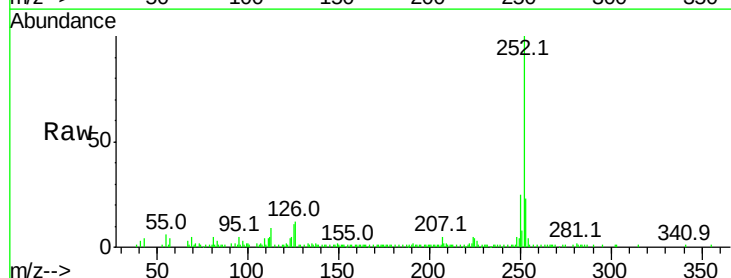
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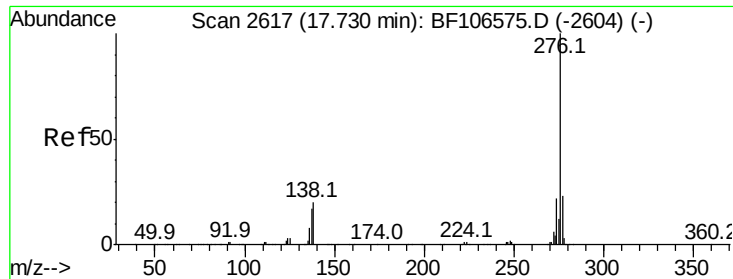
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#89
Benzo(a)pyrene
Concen: 11.754 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.04 min
Lab File: BF107026.D
Acq: 30 Jun 2018 20:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	10.6	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 11.593 ng
 RT: 17.74 min Scan# 2618
 Delta R.T. -0.05 min
 Lab File: BF107026.D
 Acq: 30 Jun 2018 20:24

Instrument :
 BNA_F
 ClientSampleId :
 P-2

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	19.5	21.8	32.8

Manual Integrations
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