

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
 Data File : BF106825.D
 Acq On : 26 Jun 2018 16:21
 Operator : JU/SJ
 Sample : J3681-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-022-A

Manual Integrations
 APPROVED

Sohil
 6/27/2018 2:14:10 PM

Quant Time: Jun 26 17:43:02 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	6.96	152	44883	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	157802	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	67357	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	122925	20.00	ng	0.00
75) Chrysene-d12	14.15	240	135311	20.00	ng	-0.01
86) Perylene-d12	15.71	264	96078	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	272581	102.84	ng	0.00
7) Phenol-d6	6.61	99	332732	100.52	ng	0.00
23) Nitrobenzene-d5	7.52	82	204153	71.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	86056	110.23	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	353360	89.59	ng	0.00
78) Terphenyl-d14	13.08	244	396453	70.97	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	58652	11.610	ng	99
74) Fluoranthene	12.71	202	21714	3.323	ng	94
77) Pyrene	12.94	202	20418	2.288	ng	99
87) Benzo(b)fluoranthene	15.25	252	13144m	2.202	ng	

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

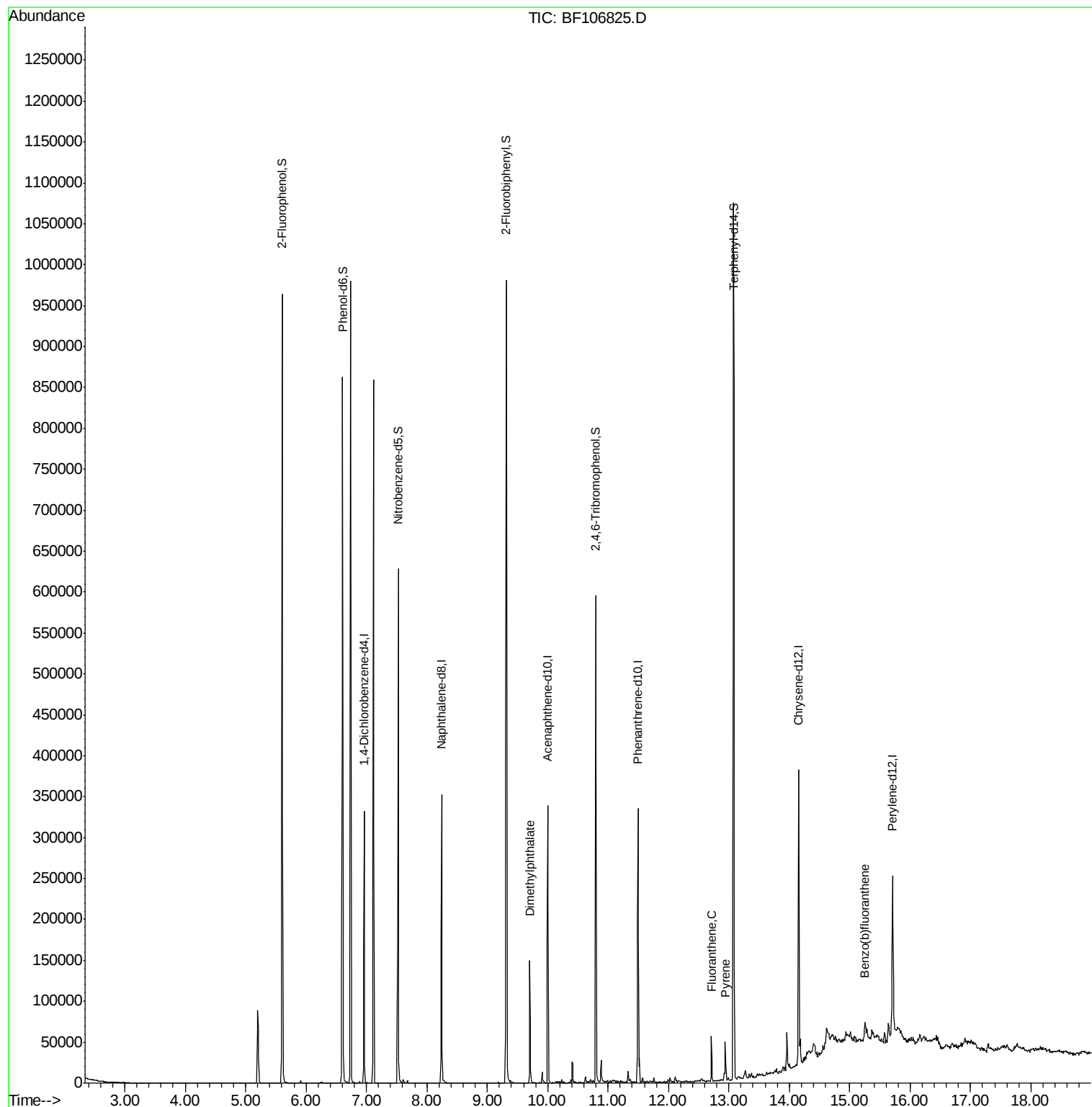
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
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#1

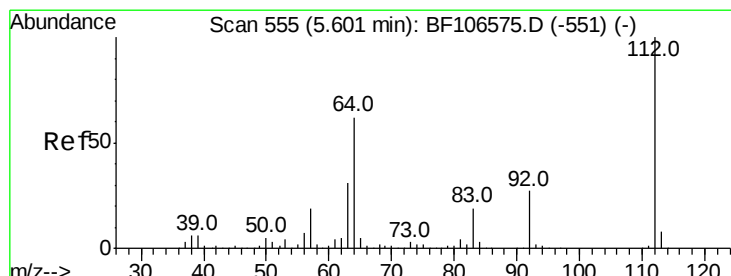
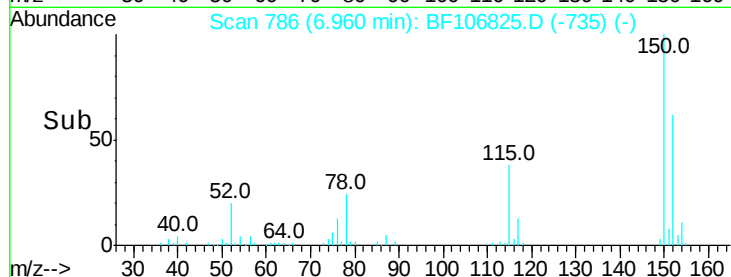
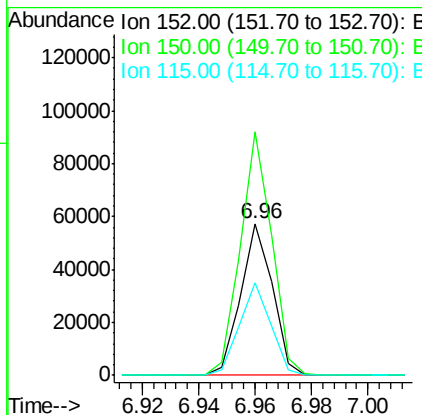
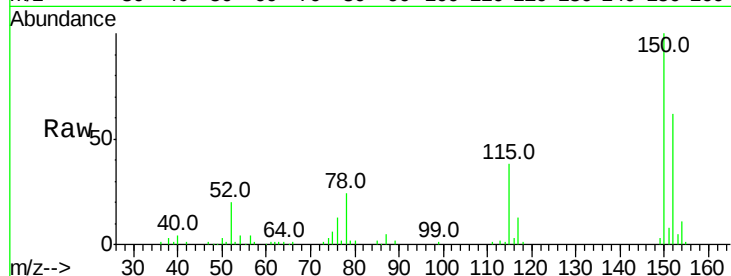
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106825.D
Acq: 26 Jun 2018 16:21

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-022-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	124.6	186.8
115	61.1	50.1	75.1

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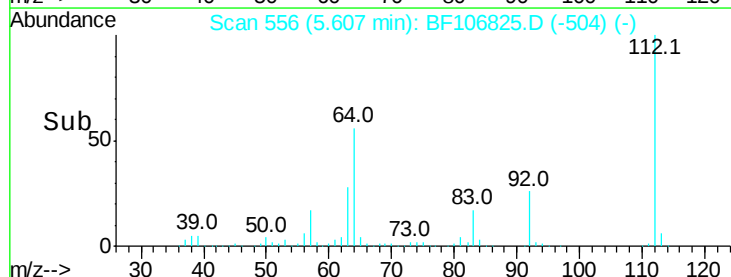
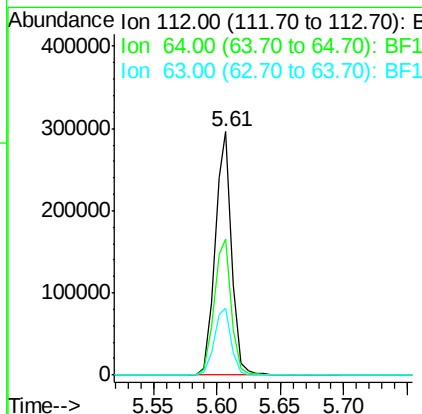
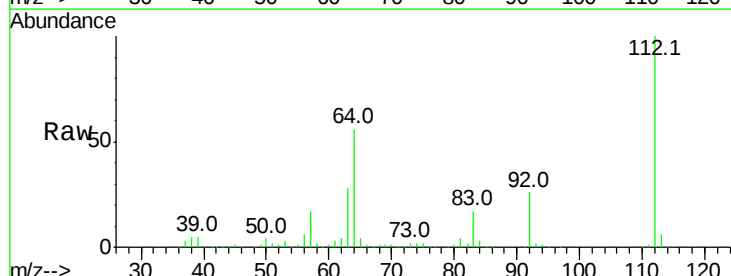
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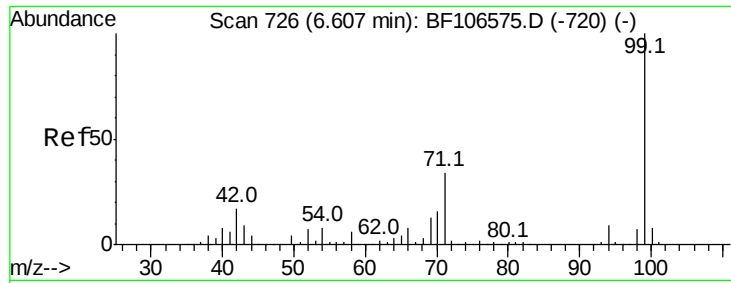


#5

2-Fluorophenol
Concen: 102.838 ng
RT: 5.61 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF106825.D
Acq: 26 Jun 2018 16:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	47.9	71.9
63	27.5	23.7	35.5





#7

Phenol-d6

Concen: 100.521 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106825.D

Acq: 26 Jun 2018 16:21

Instrument :

BNA_F

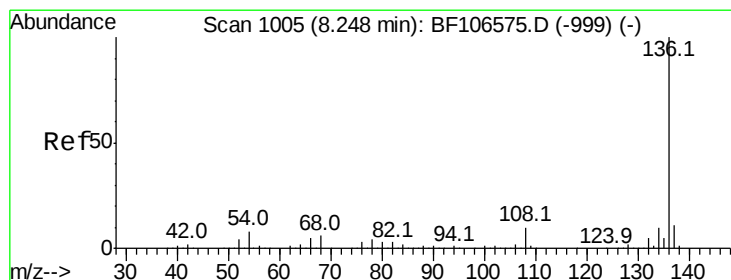
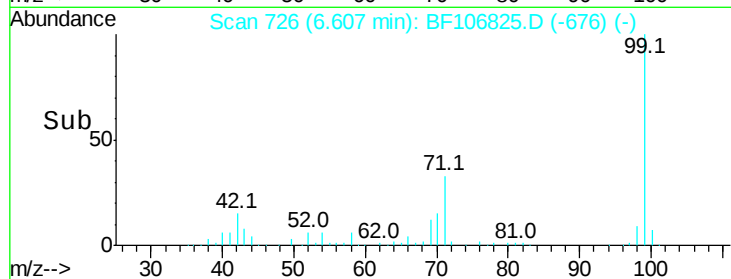
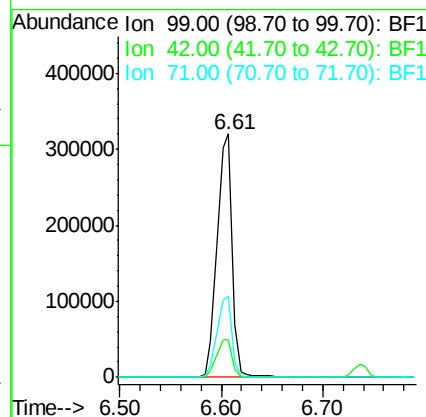
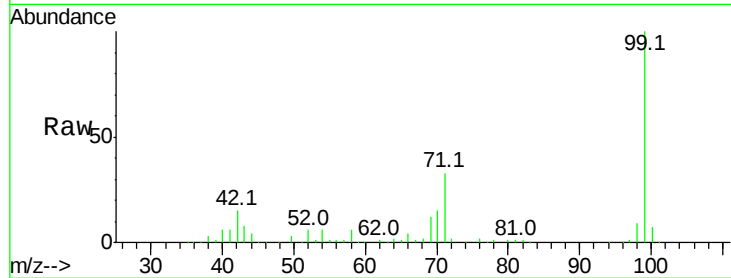
ClientSampleId :

FK-GF-02-022-A

Tot Ion:	99	Resp:	332732
Ion Ratio	Lower	Upper	
99	100		
42	15.5	14.5	21.7
71	33.4	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

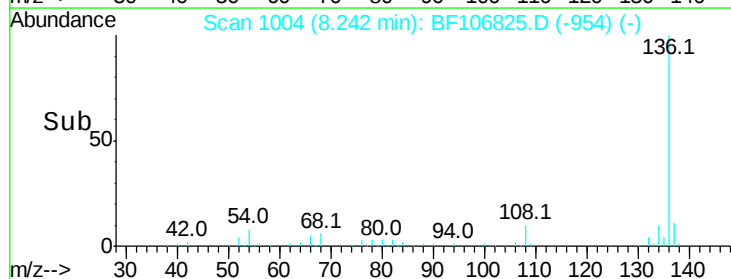
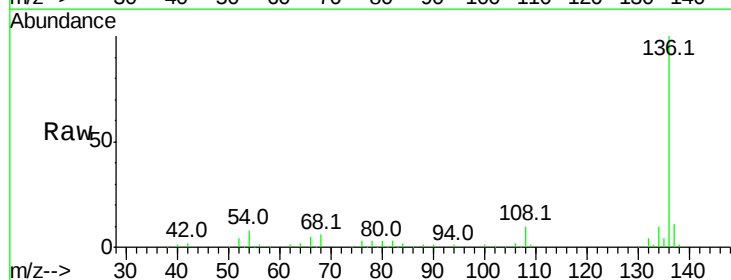
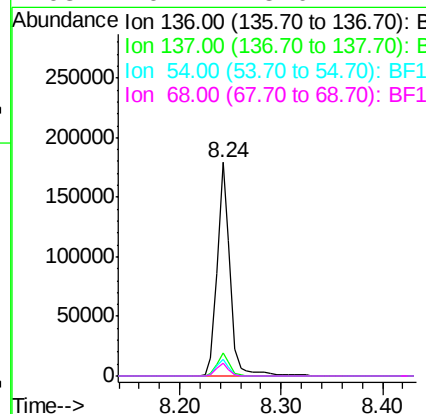
RT: 8.24 min Scan# 1004

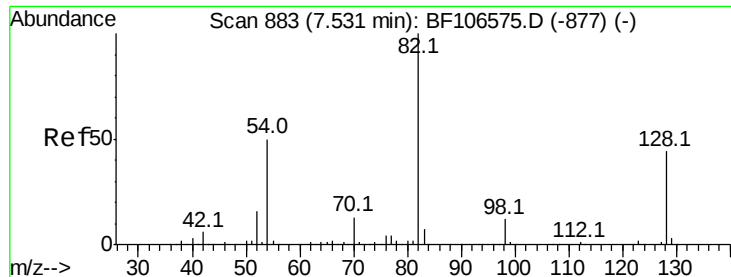
Delta R.T. -0.01 min

Lab File: BF106825.D

Acq: 26 Jun 2018 16:21

Tgt Ion:	136	Resp:	157802
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	8.1	6.6	9.8
68	6.2	5.0	7.4





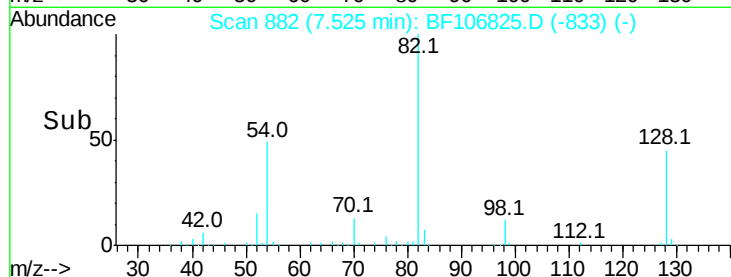
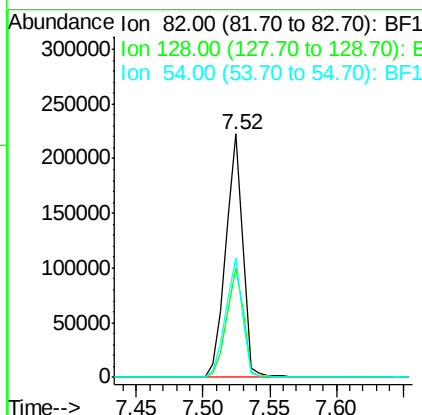
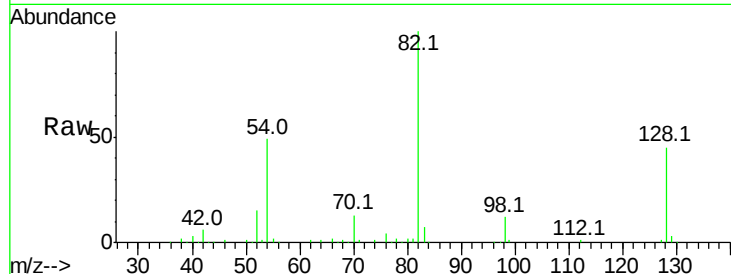
#23
 Nitrobenzene-d5
 Concen: 71.897 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106825.D
 Acq: 26 Jun 2018 16:21

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-022-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	49.0	41.4	62.2

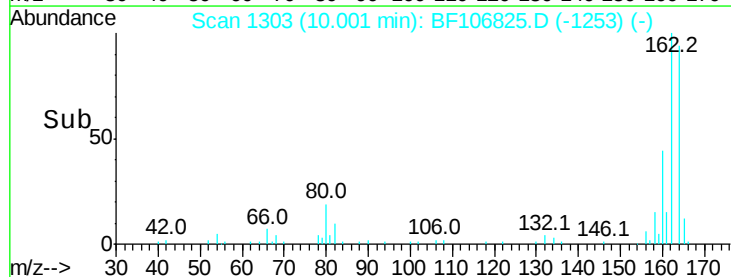
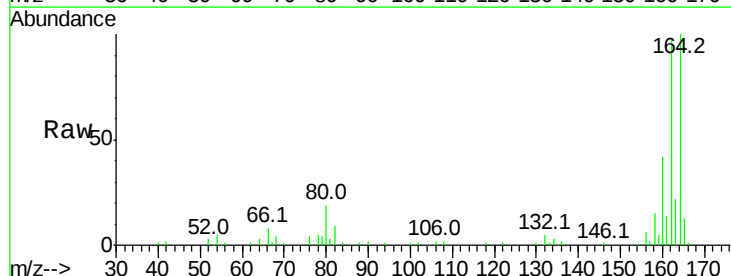
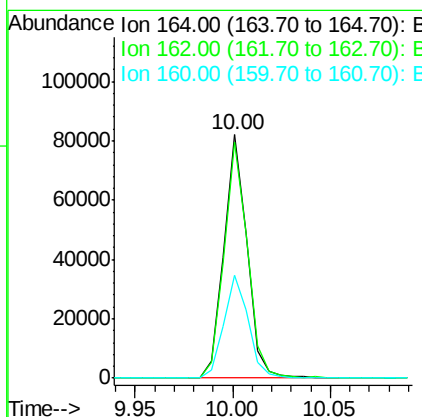
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF106825.D
 Acq: 26 Jun 2018 16:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.9	86.1	129.1
160	42.4	38.3	57.5





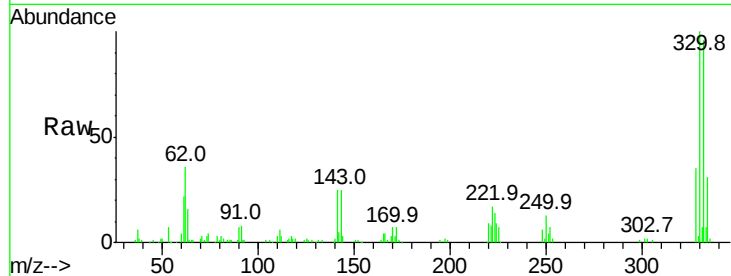
#41
 2,4,6-Tribromophenol
 Concen: 110.231 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106825.D
 Acq: 26 Jun 2018 16:21

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-022-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	23.3	29.9	44.9

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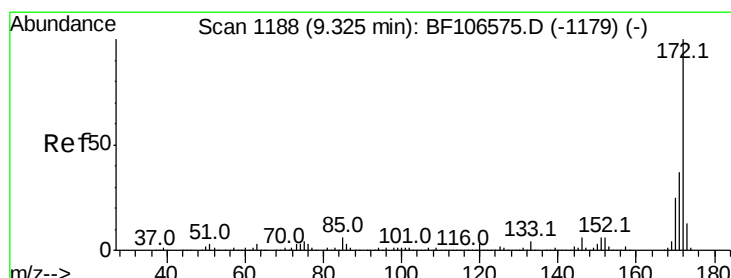
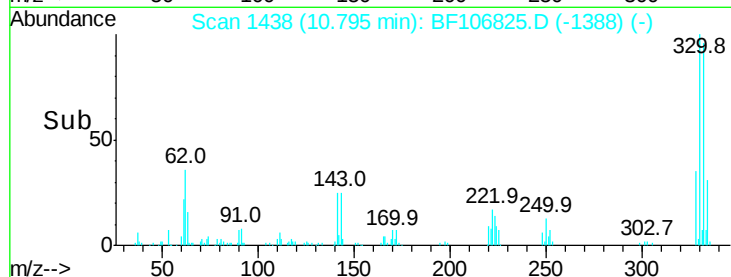
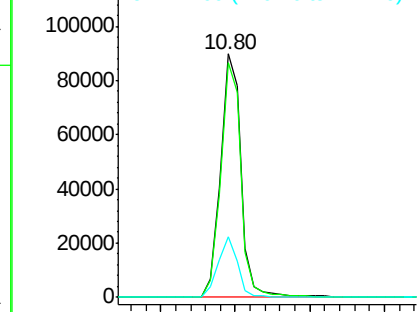


Abundance

Ion 329.80 (329.50 to 330.50): E

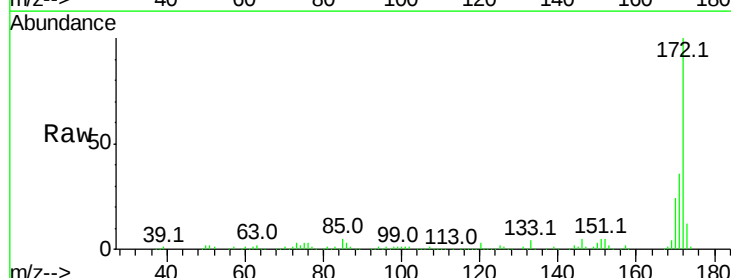
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 89.594 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106825.D
 Acq: 26 Jun 2018 16:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.6	19.6	29.4

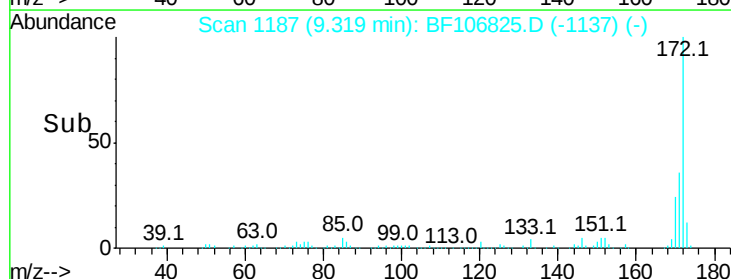
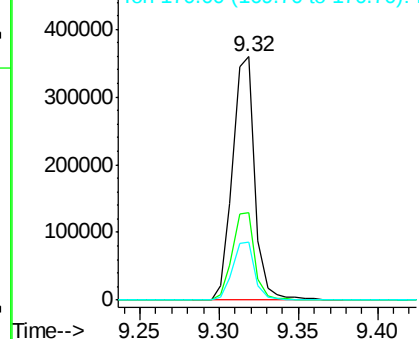


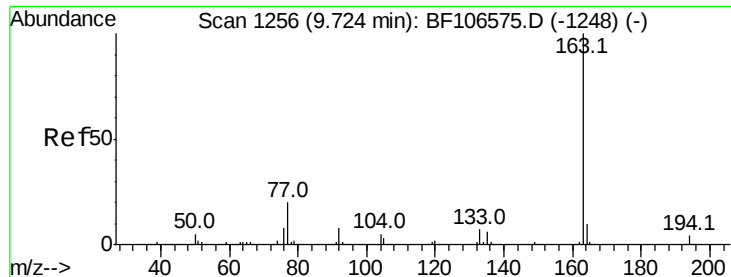
Abundance

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





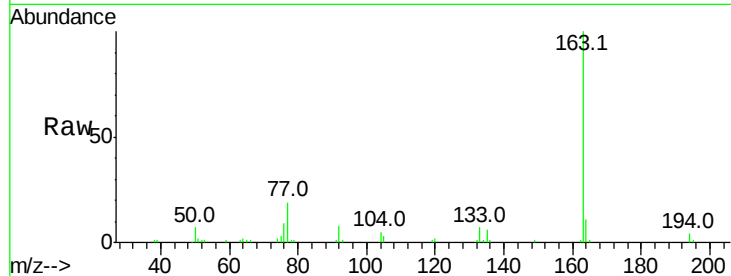
#49
Dimethylphthalate
Concen: 11.610 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106825.D
Acq: 26 Jun 2018 16:21

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-022-A

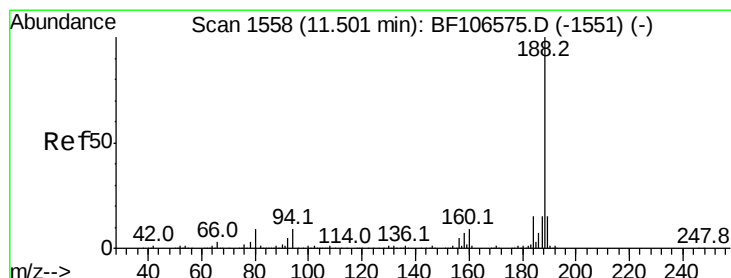
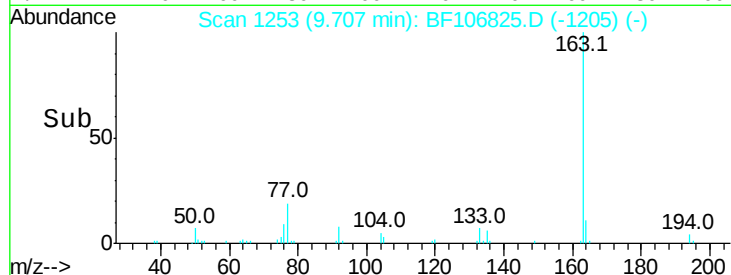
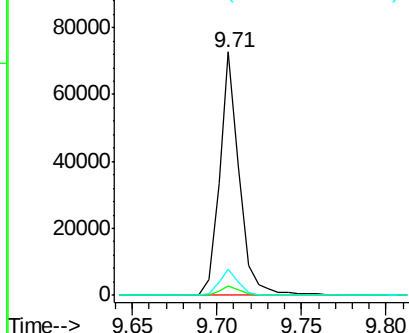
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.9	2.7	4.1	
164	10.7	8.2	12.2	

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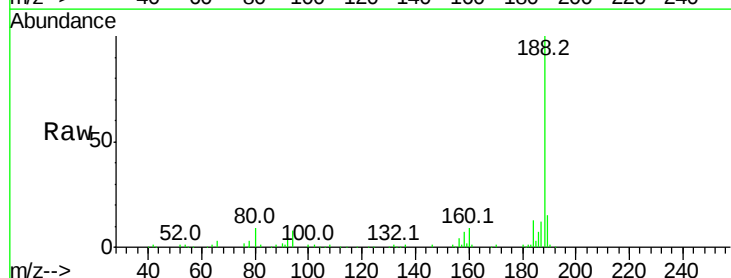


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

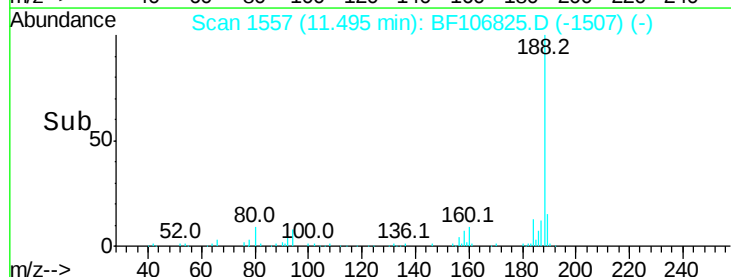
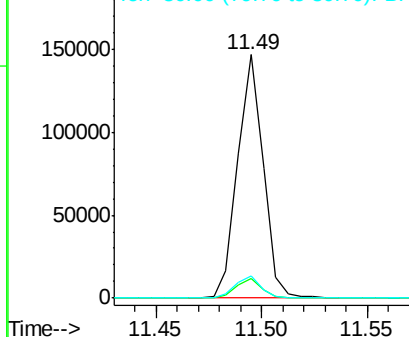


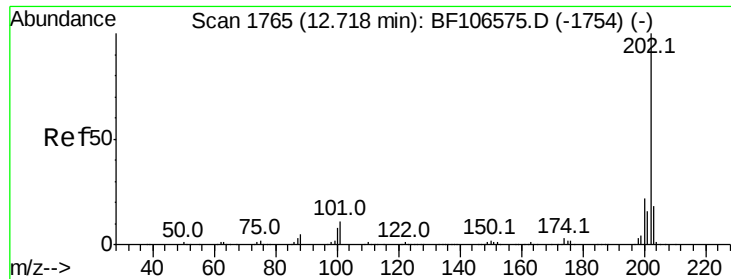
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106825.D
Acq: 26 Jun 2018 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.2	8.5	12.7#	
80	9.0	9.2	13.8#	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#74

Fluoranthene

Concen: 3.323 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF106825.D

Acq: 26 Jun 2018 16:21

Instrument :

BNA_F

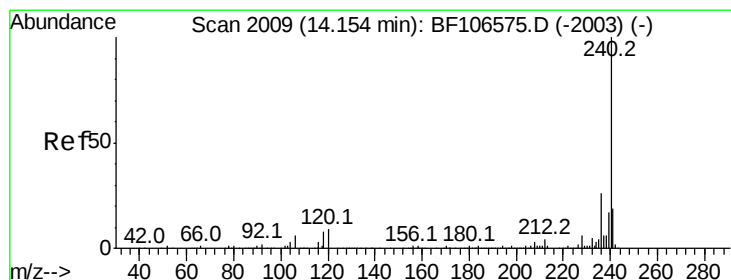
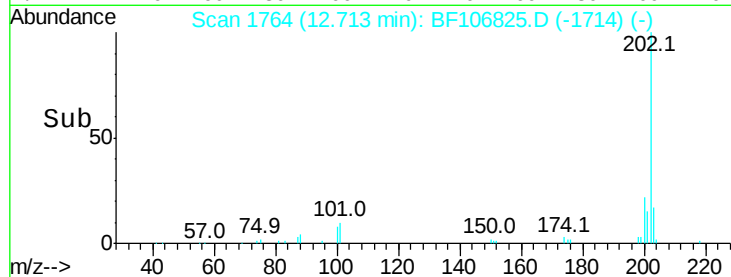
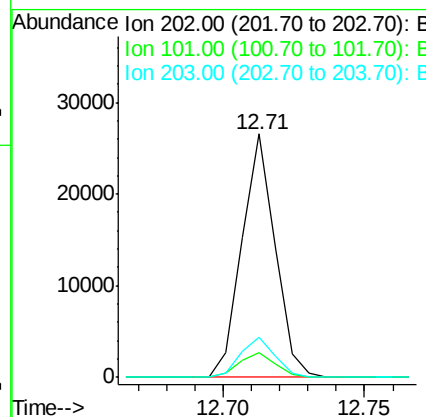
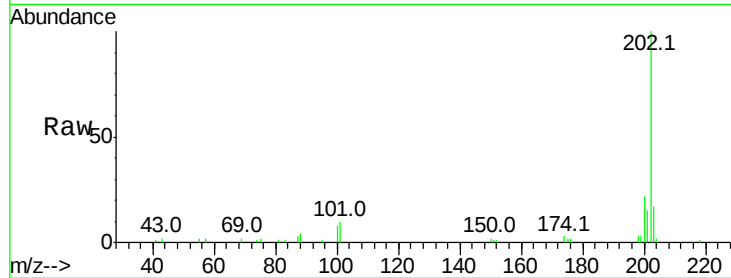
ClientSampleId :

FK-GF-02-022-A

Tot Ion:	202	Resp:	21714
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	34.1
203	16.7	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

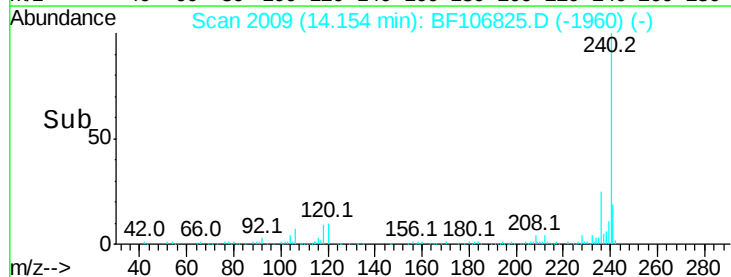
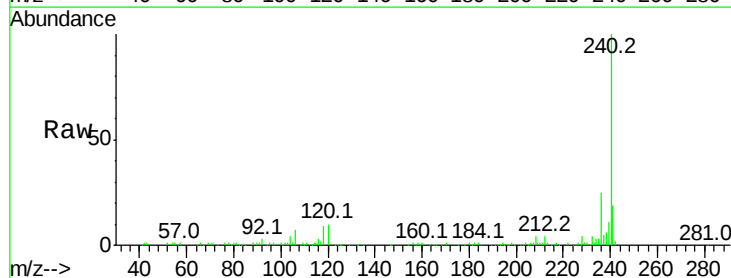
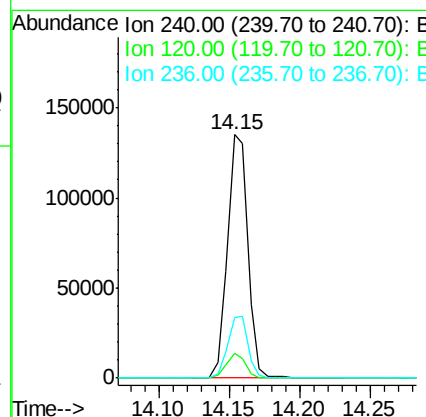
RT: 14.15 min Scan# 2009

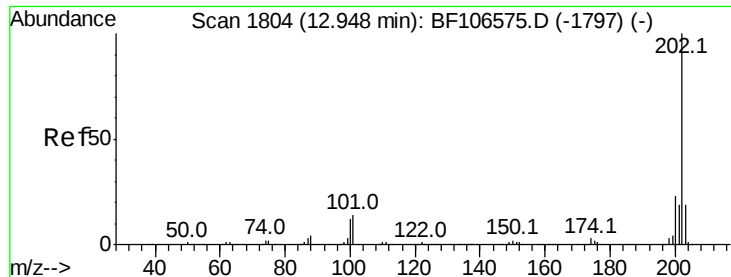
Delta R.T. -0.01 min

Lab File: BF106825.D

Acq: 26 Jun 2018 16:21

Tgt Ion:	240	Resp:	135311
Ion Ratio	Lower	Upper	
240	100		
120	10.0	9.5	14.3
236	25.0	20.7	31.1





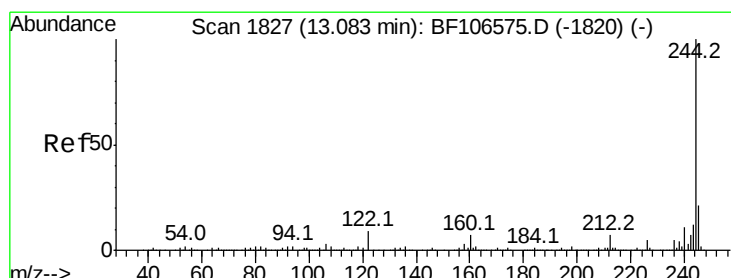
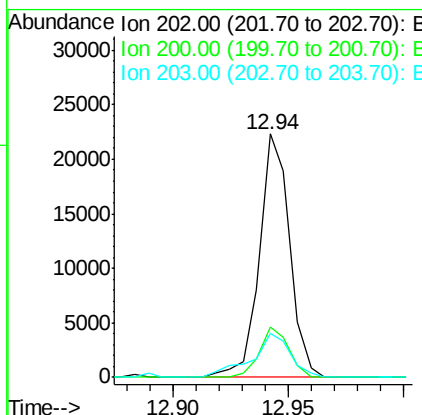
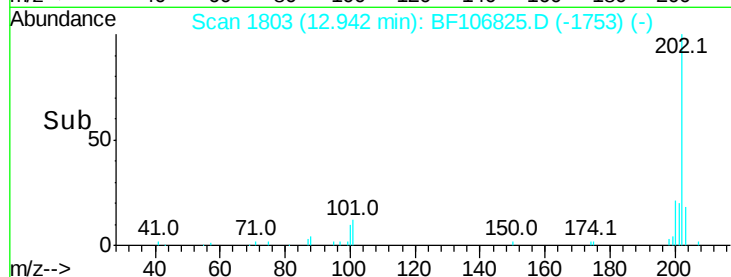
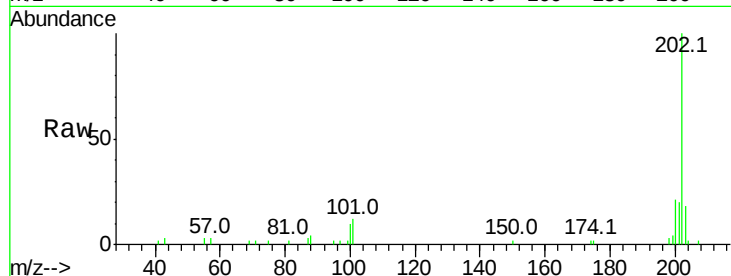
#77
Pvrene
Concen: 2.288 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF106825.D
Acq: 26 Jun 2018 16:21

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-022-A

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	17.9	14.3	21.5

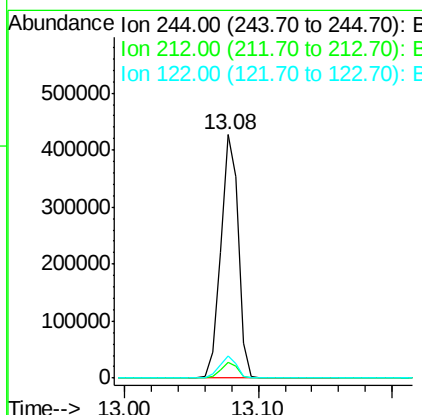
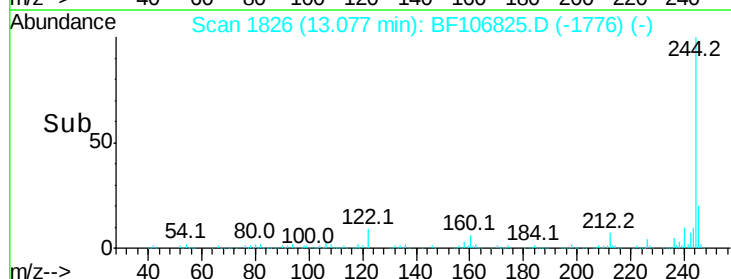
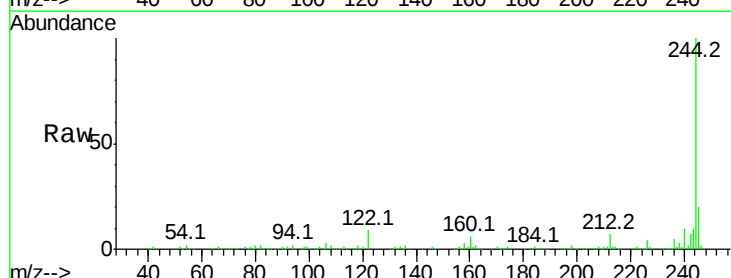
Manual Integrations
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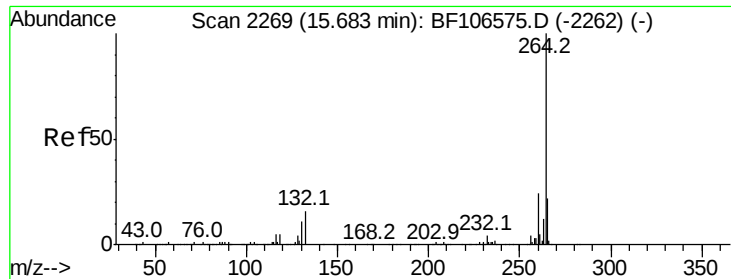
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#78
Terphenyl-d14
Concen: 70.972 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106825.D
Acq: 26 Jun 2018 16:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	8.9	11.0	16.4#





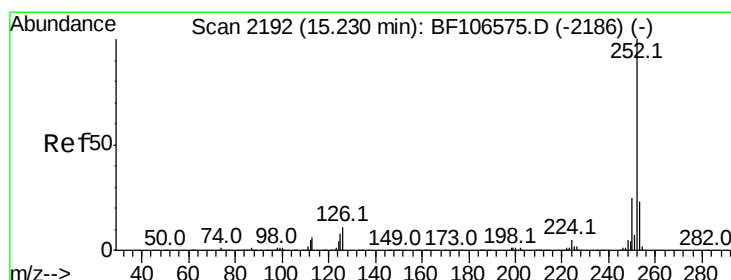
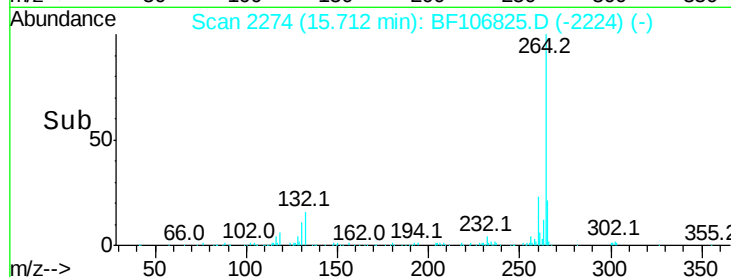
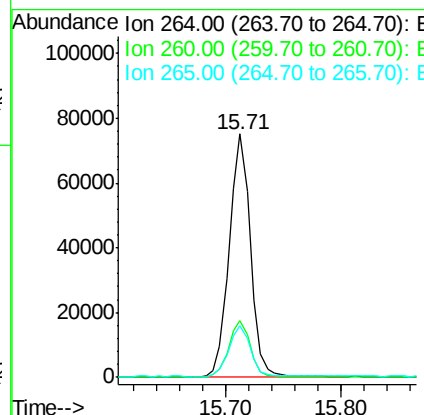
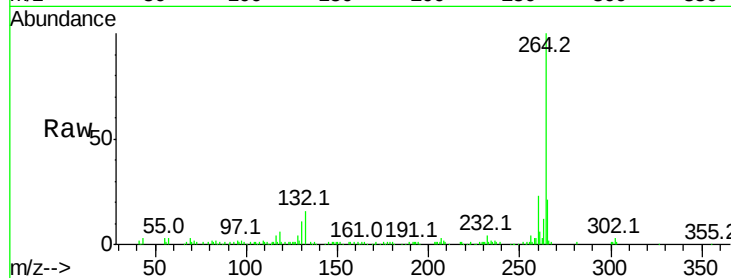
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF106825.D
Acq: 26 Jun 2018 16:21

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-022-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.5	17.5	26.3

Manual Integrations
APPROVED

Sohil
6/27/2018 2:14:10 PM



#87
Benzo(b)fluoranthene
Concen: 2.202 ng m
RT: 15.25 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF106825.D
Acq: 26 Jun 2018 16:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.1	17.0	25.6#
125	16.8	9.0	13.6#

