

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
 Data File : BF107087.D
 Acq On : 3 Jul 2018 17:34
 Operator : JU/SJ
 Sample : J3245-19 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062918-B

Manual Integrations
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Quant Time: Jul 03 18:58:33 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	54119	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	191982	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	85157	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	182574	20.00	ng	0.00
75) Chrysene-d12	14.15	240	149902	20.00	ng	-0.02
86) Perylene-d12	15.69	264	104391	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	166924	52.23	ng	0.00
7) Phenol-d6	6.60	99	195770	49.05	ng	-0.01
23) Nitrobenzene-d5	7.52	82	102293	29.61	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	51570	52.25	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	219773	35.01	ng	-0.01
78) Terphenyl-d14	13.08	244	301194	48.67	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	29926	4.686	ng	Qvalue # 97
74) Fluoranthene	12.71	202	23053	2.375	ng	94
77) Pyrene	12.95	202	24900	2.519	ng	98

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

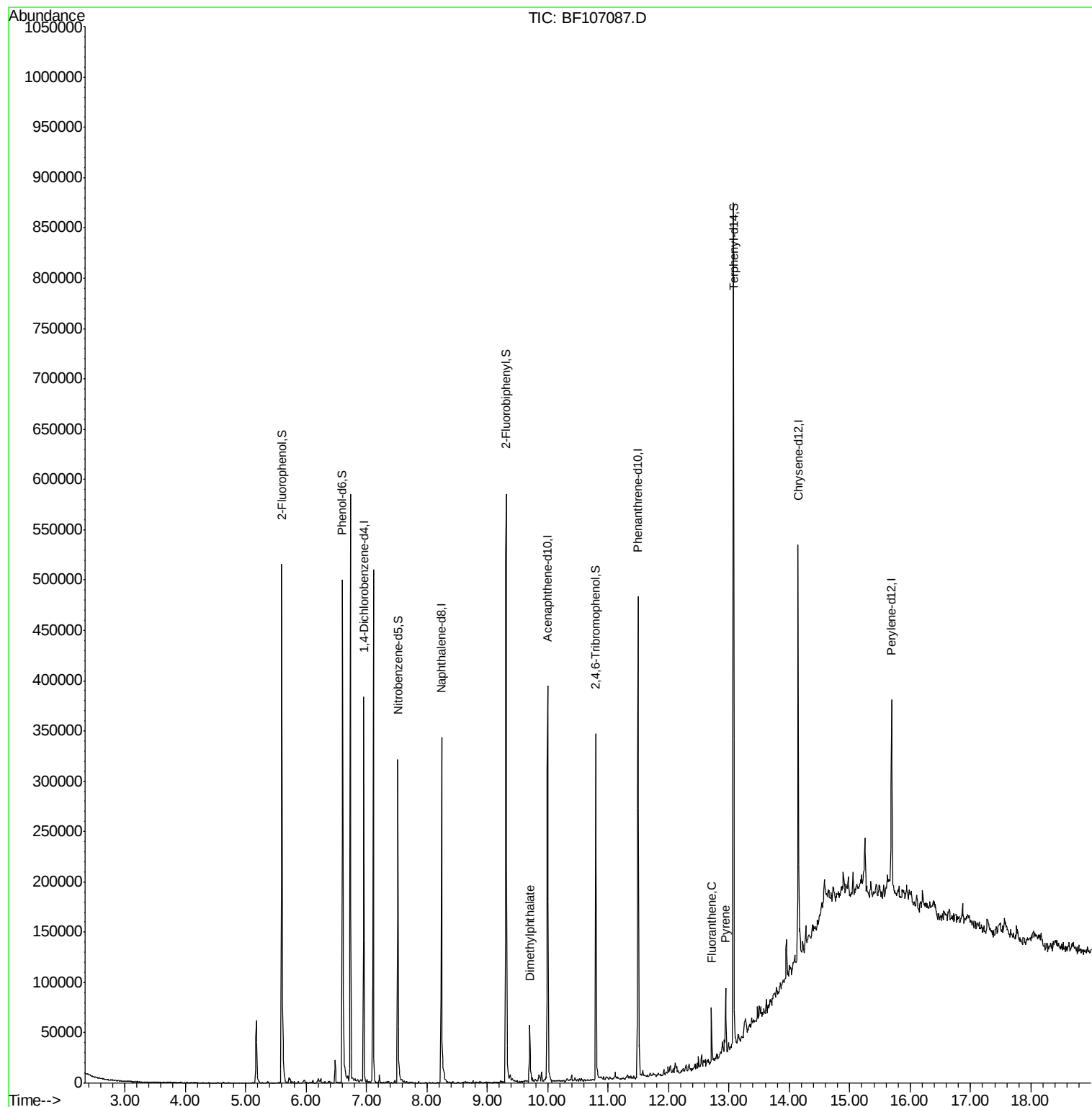
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
Data File : BF107087.D
Acq On : 3 Jul 2018 17:34
Operator : JU/SJ
Sample : J3245-19 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

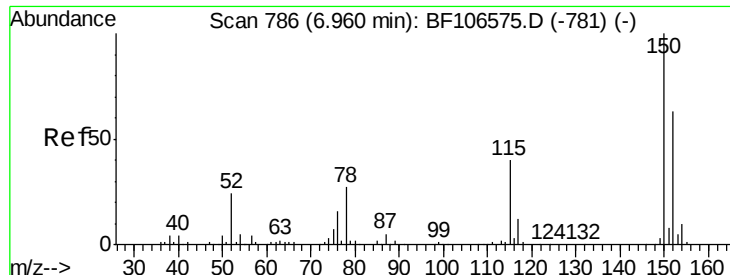
Instrument :
BNA_F
ClientSampleId :
CL-01-062918-B

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Quant Time: Jul 03 18:58:33 2018
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

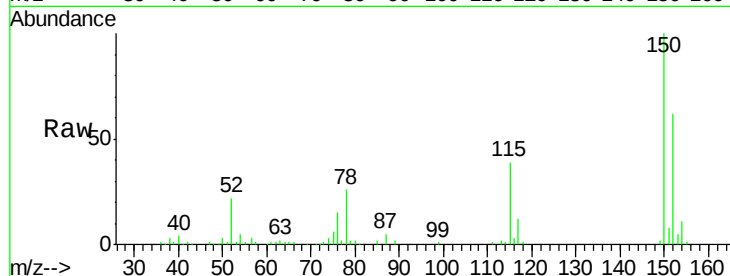
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107087.D
Acq: 3 Jul 2018 17:34

Instrument :
BNA_F
ClientSampleId :
CL-01-062918-B

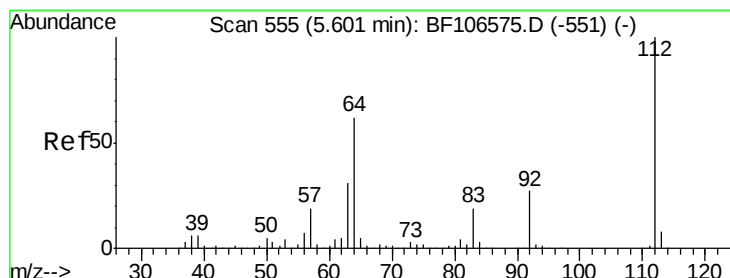
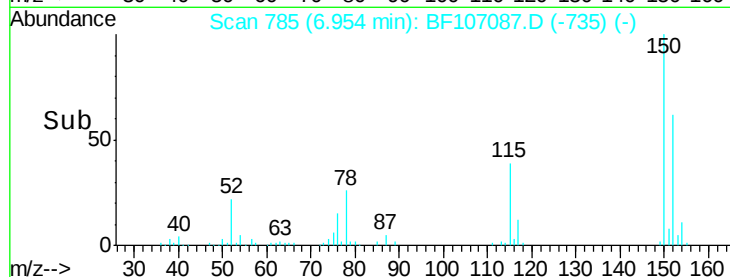
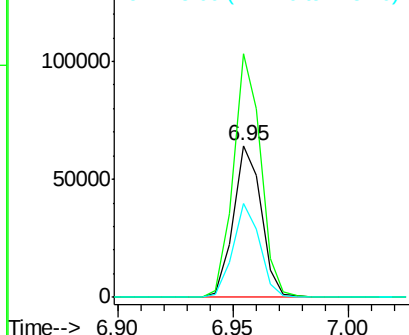
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	124.6	186.8
115	62.3	50.1	75.1

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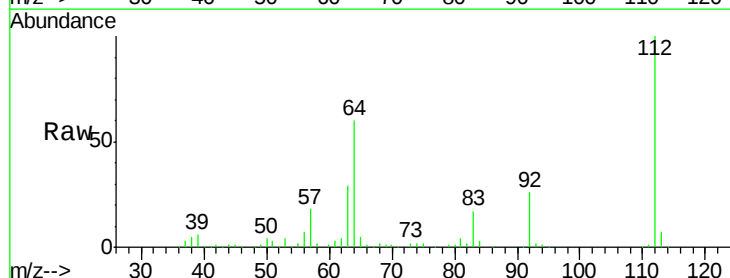
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



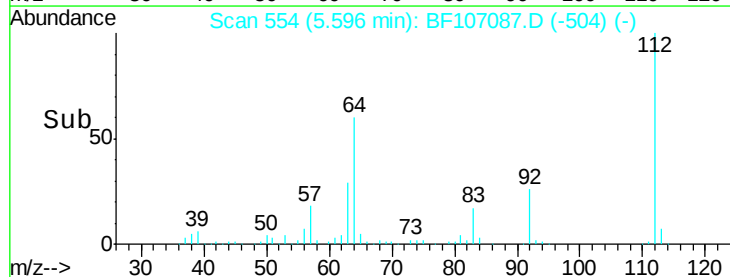
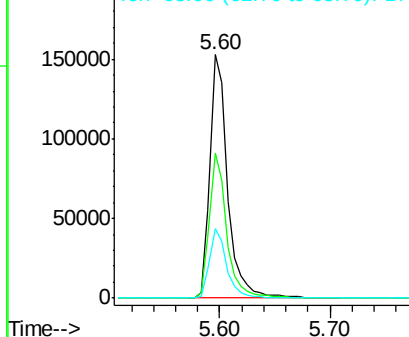
#5

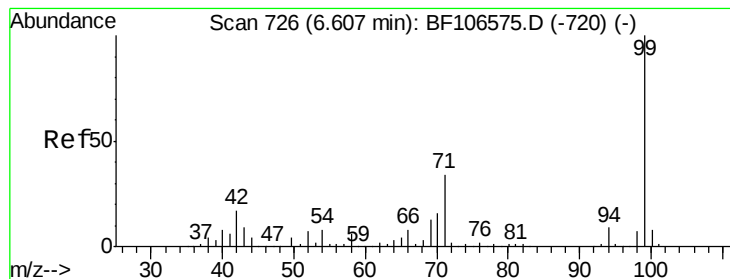
2-Fluorophenol
Concen: 52.228 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107087.D
Acq: 3 Jul 2018 17:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	47.9	71.9
63	28.7	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: 49.050 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107087.D

Acq: 3 Jul 2018 17:34

Instrument :

BNA_F

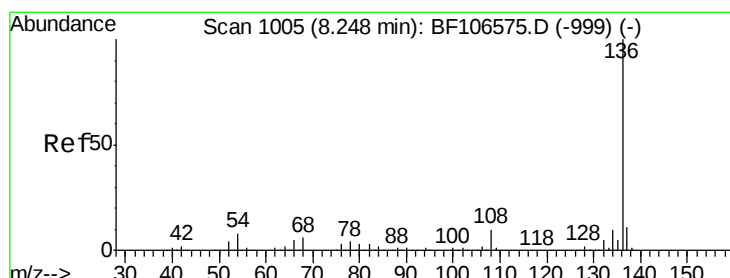
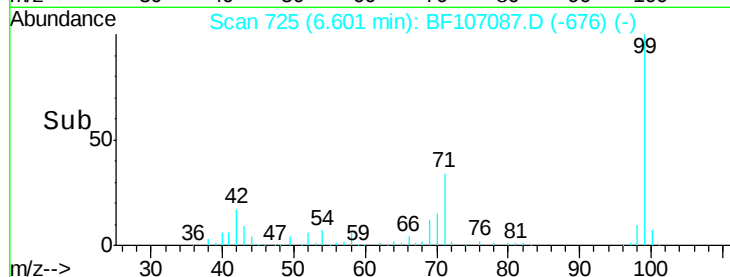
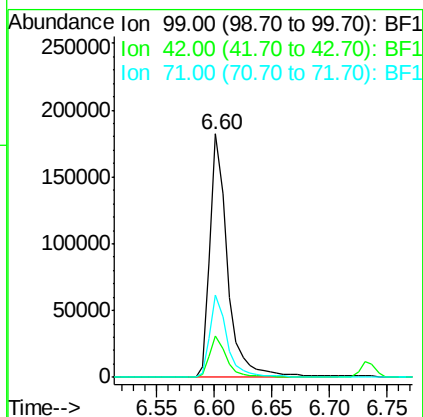
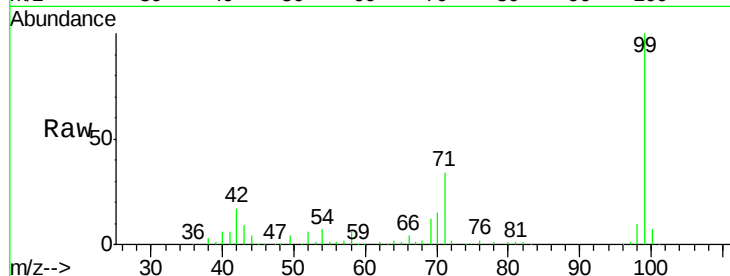
ClientSampleId :

CL-01-062918-B

Tot Ion:	99	Resp:	195770
Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.5	21.7
71	33.9	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

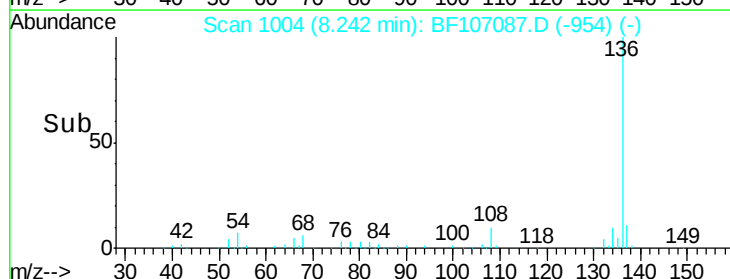
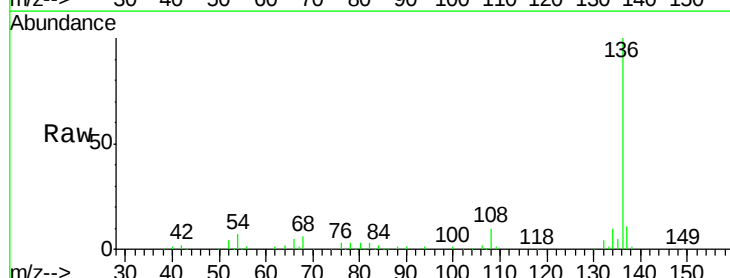
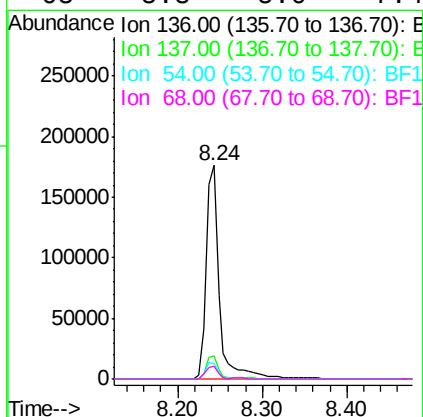
RT: 8.24 min Scan# 1004

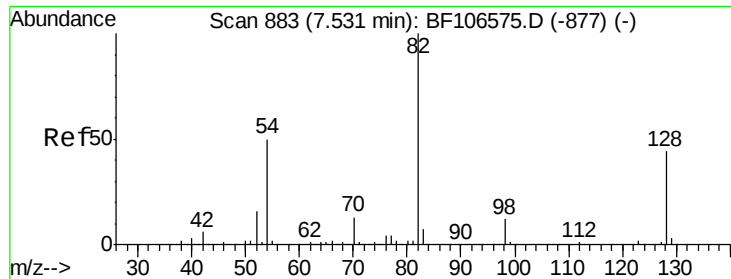
Delta R.T. -0.01 min

Lab File: BF107087.D

Acq: 3 Jul 2018 17:34

Tgt Ion:	136	Resp:	191982
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.4	6.6	9.8
68	5.8	5.0	7.4





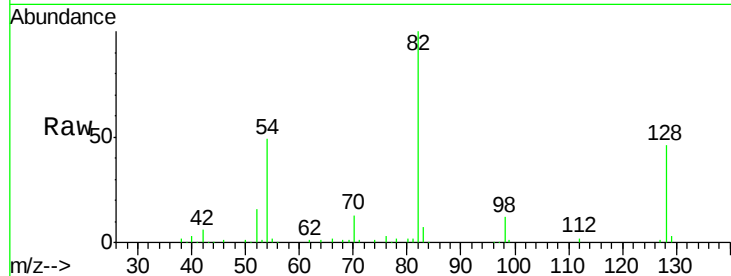
#23
 Nitrobenzene-d5
 Concen: 29.611 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF107087.D
 Acq: 3 Jul 2018 17:34

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062918-B

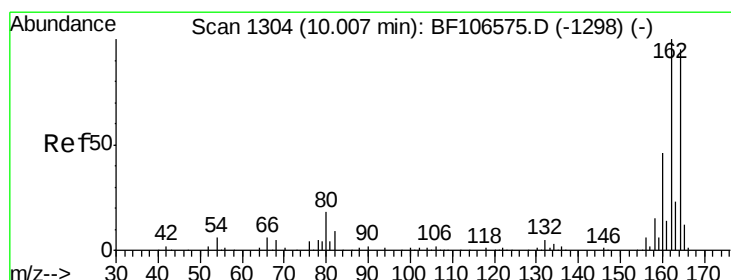
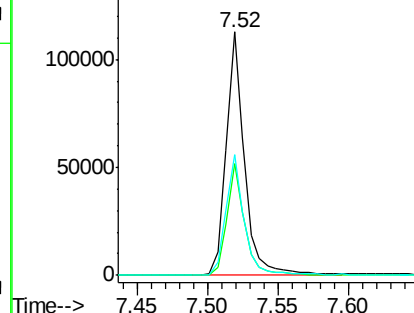
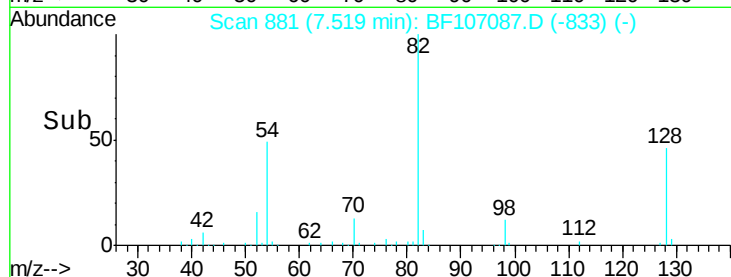
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	49.5	41.4	62.2

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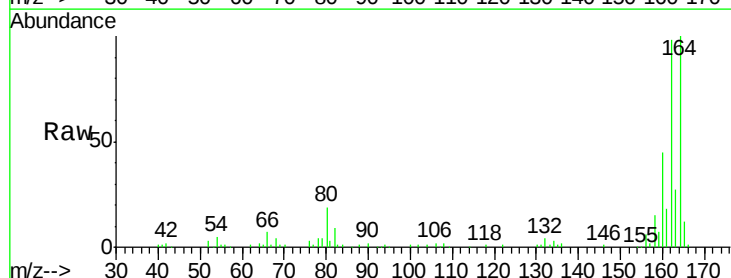


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

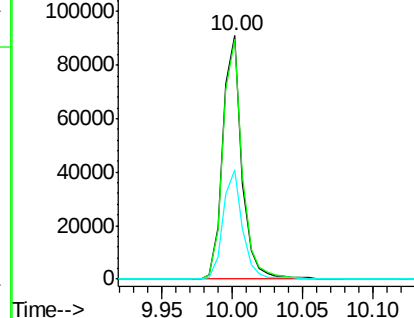
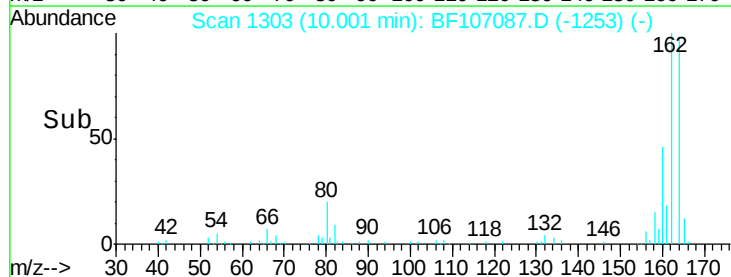


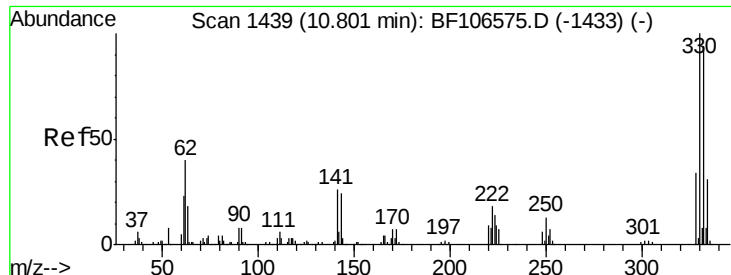
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF107087.D
 Acq: 3 Jul 2018 17:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.3	86.1	129.1
160	45.0	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





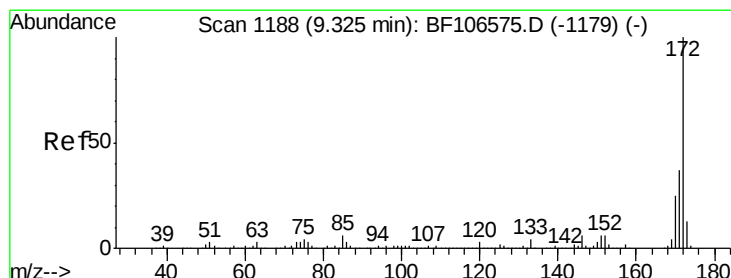
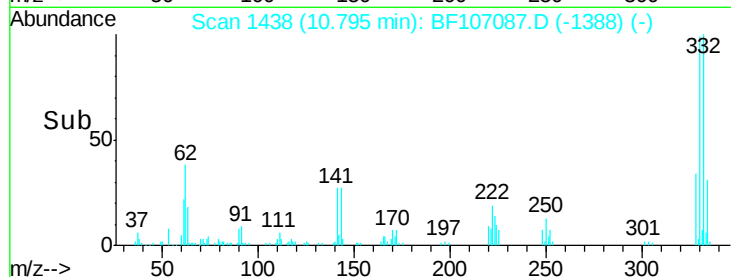
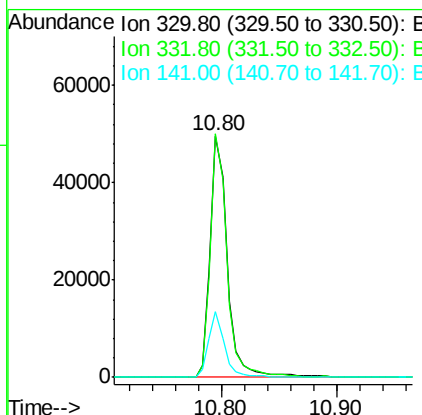
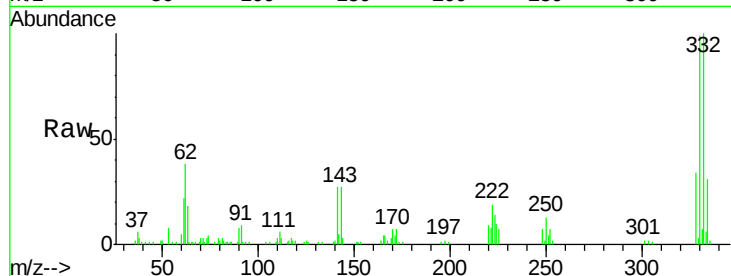
#41
 2,4,6-Tribromophenol
 Concen: 52.250 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107087.D
 Acq: 3 Jul 2018 17:34

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062918-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	25.4	29.9	44.9

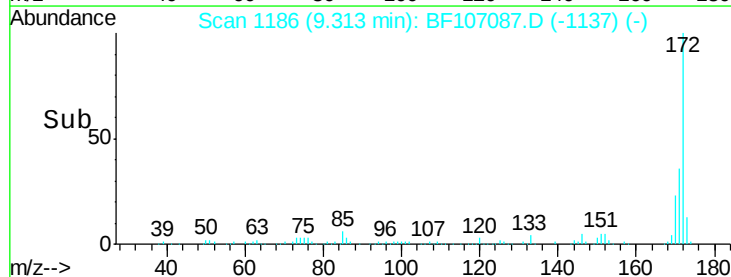
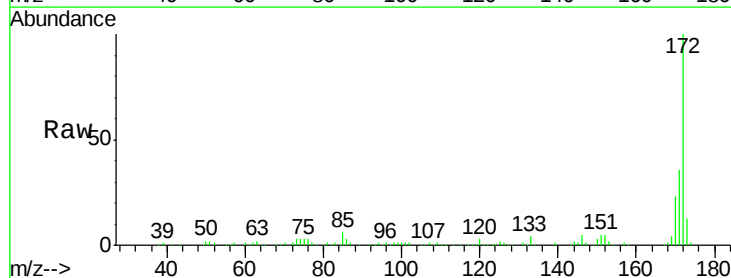
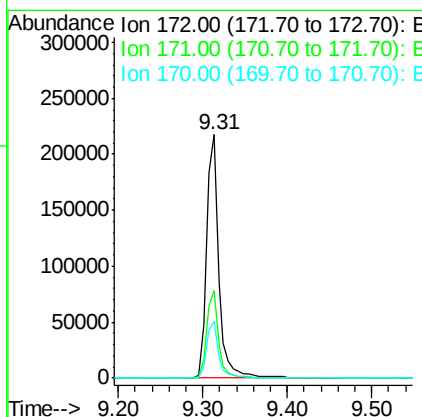
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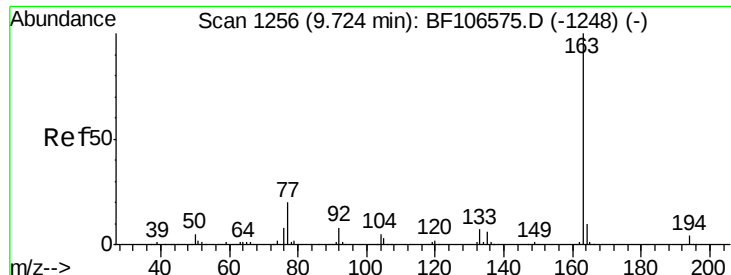
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#44
 2-Fluorobiphenyl
 Concen: 35.007 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107087.D
 Acq: 3 Jul 2018 17:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.1	19.6	29.4





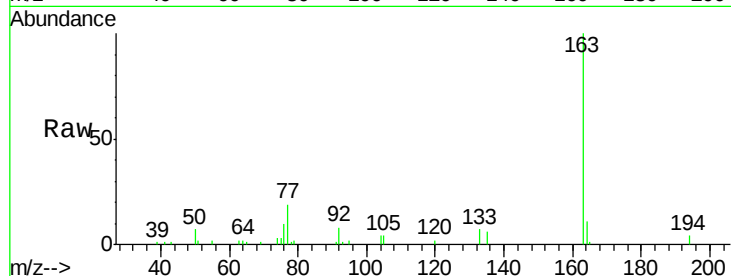
#49
Dimethylphthalate
Concen: 4.686 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF107087.D
Acq: 3 Jul 2018 17:34

Instrument :
BNA_F
ClientSampleId :
CL-01-062918-B

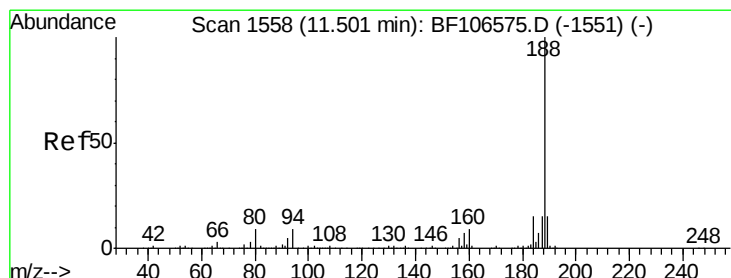
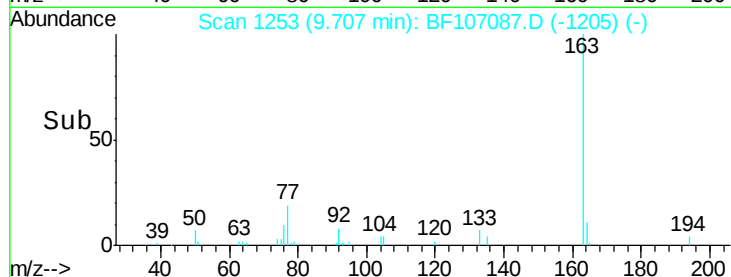
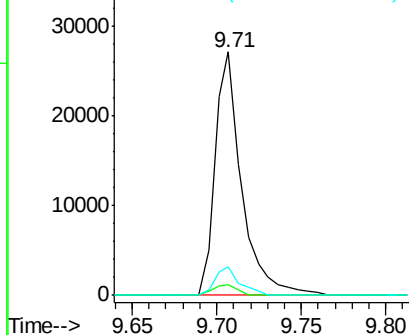
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	11.5	8.2	12.2

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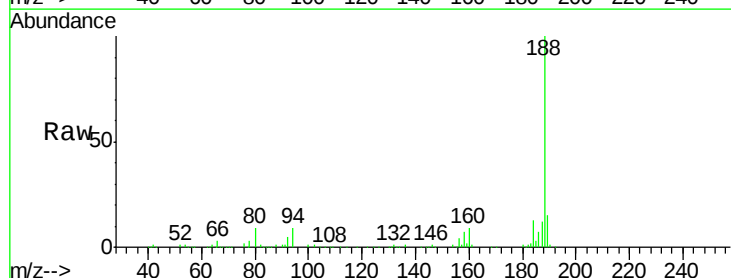


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

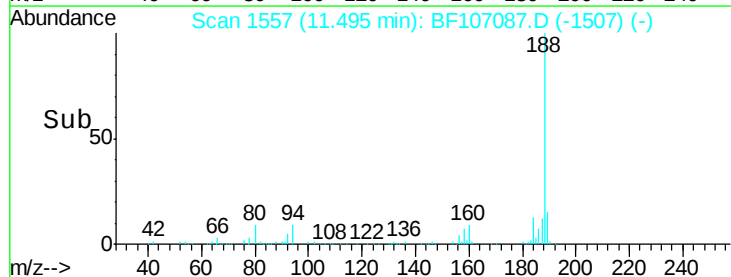
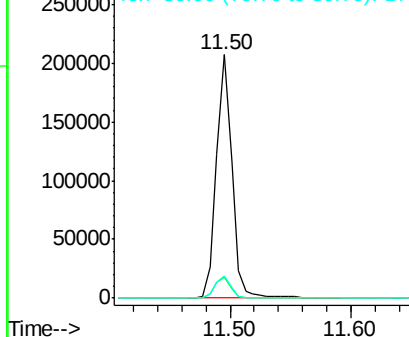


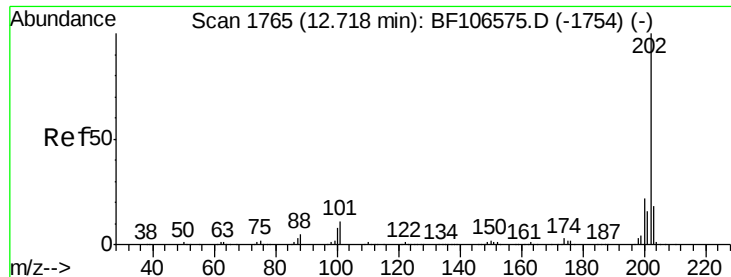
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107087.D
Acq: 3 Jul 2018 17:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	8.9	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: 2.375 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF107087.D

Acq: 3 Jul 2018 17:34

Instrument :

BNA_F

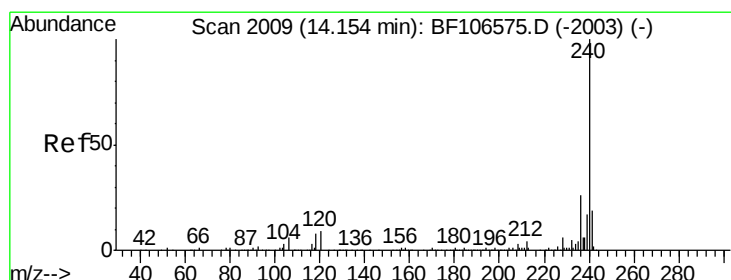
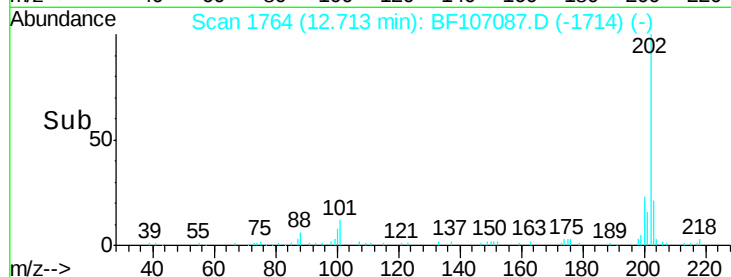
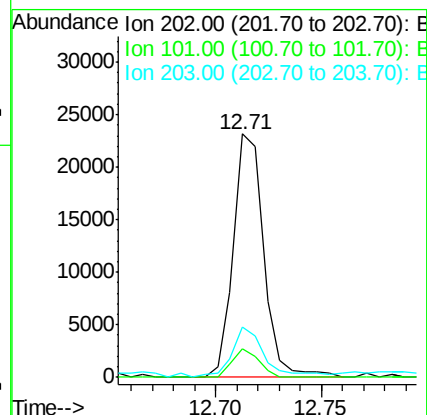
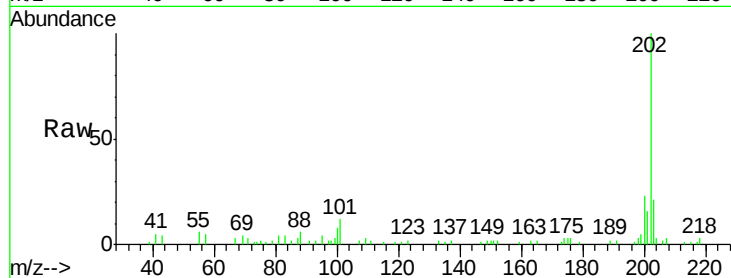
ClientSampleId :

CL-01-062918-B

Tot Ion	Ratio	Resp	Lower	Upper
202	100	23053		
101	11.9	0.0	34.1	
203	20.6	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.000 ng

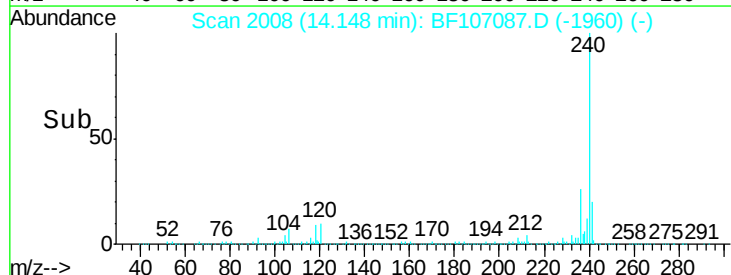
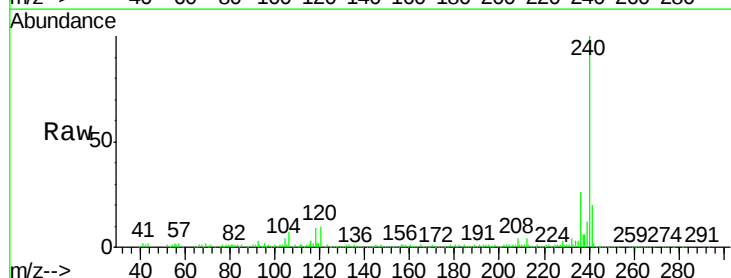
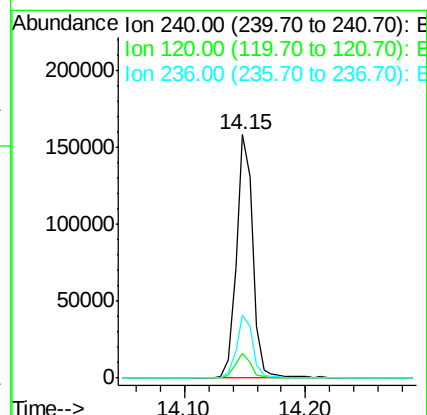
RT: 14.15 min Scan# 2008

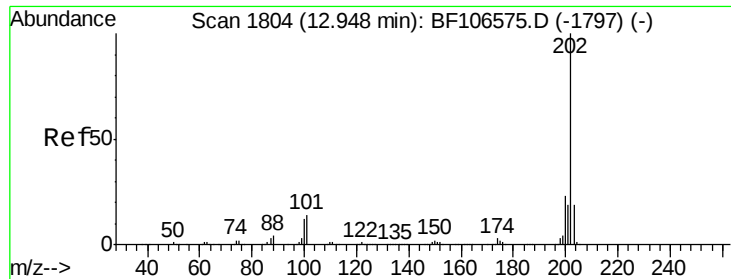
Delta R.T. -0.02 min

Lab File: BF107087.D

Acq: 3 Jul 2018 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	149902		
120	10.1	9.5	14.3	
236	25.8	20.7	31.1	





#77

Pvrene

Concen: 2.519 ng

RT: 12.95 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF107087.D

Acq: 3 Jul 2018 17:34

Instrument :

BNA_F

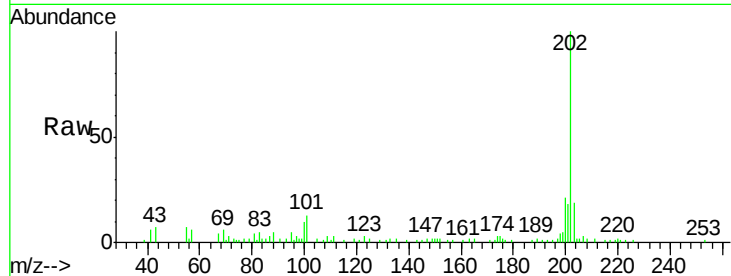
ClientSampleId :

CL-01-062918-B

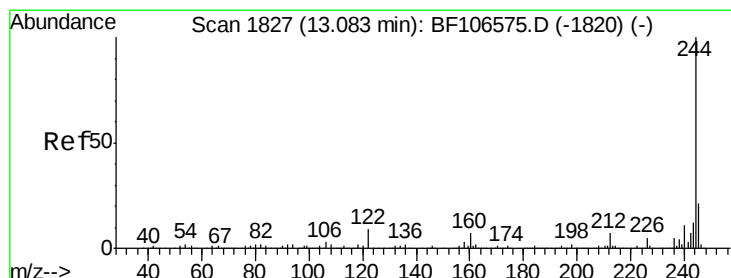
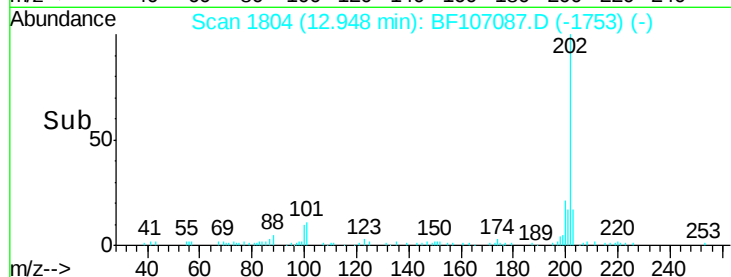
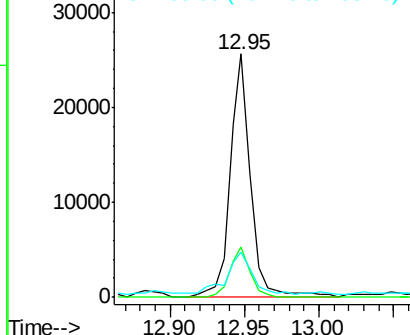
Tot Ion:	202	Resp:	24900
Ion Ratio	Lower	Upper	
202	100		
200	20.5	17.4	26.2
203	18.8	14.3	21.5

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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: 48.671 ng

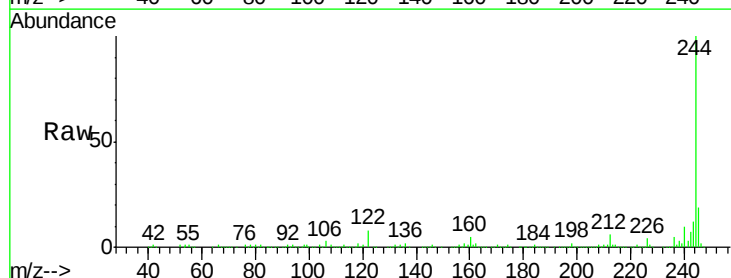
RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

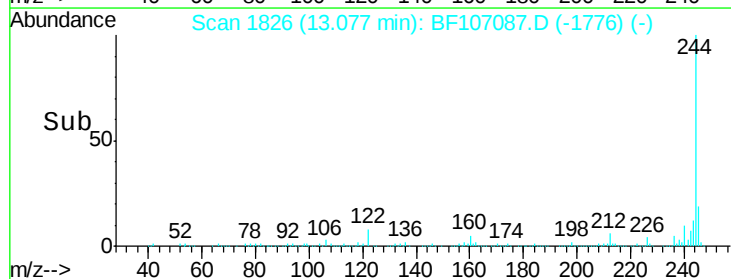
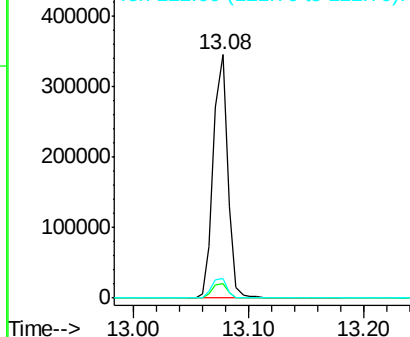
Lab File: BF107087.D

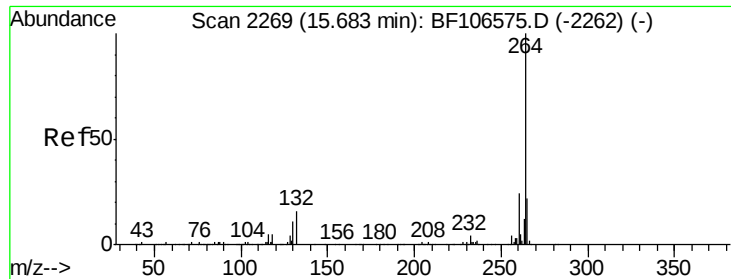
Acq: 3 Jul 2018 17:34

Tgt Ion:	244	Resp:	301194
Ion Ratio	Lower	Upper	
244	100		
212	6.0	5.4	8.0
122	8.1	11.0	16.4#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF107087.D
Acq: 3 Jul 2018 17:34

Instrument :
BNA_F
ClientSampleId :
CL-01-062918-B

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	23.1	19.2	28.8
265	22.1	17.5	26.3

Manual Integrations
APPROVED

Sohil
7/5/2018 1:04:34 PM

