

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041818\
 Data File : BF104597.D
 Acq On : 18 Apr 2018 13:18
 Operator : JU/SJ
 Sample : J2424-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-016-A

Manual Integrations
 APPROVED

Sohil
 4/19/2018 12:42:56 PM

Quant Time: Apr 18 15:11:30 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 18 11:52:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	131706	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	534352	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	239696	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	406337	20.00	ng	0.00
75) Chrysene-d12	13.97	240	269290	20.00	ng	0.00
86) Perylene-d12	15.44	264	289360	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	829865	96.34	ng	0.00
7) Phenol-d6	6.44	99	1026612	97.00	ng	0.00
23) Nitrobenzene-d5	7.37	82	638058	77.97	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	251588	101.18	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1016932	67.02	ng	0.00
78) Terphenyl-d14	12.92	244	834470	70.65	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	114294	6.047	ng	100
74) Fluoranthene	12.55	202	51093	2.161	ng	95
77) Pyrene	12.77	202	50118	2.511	ng	95

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

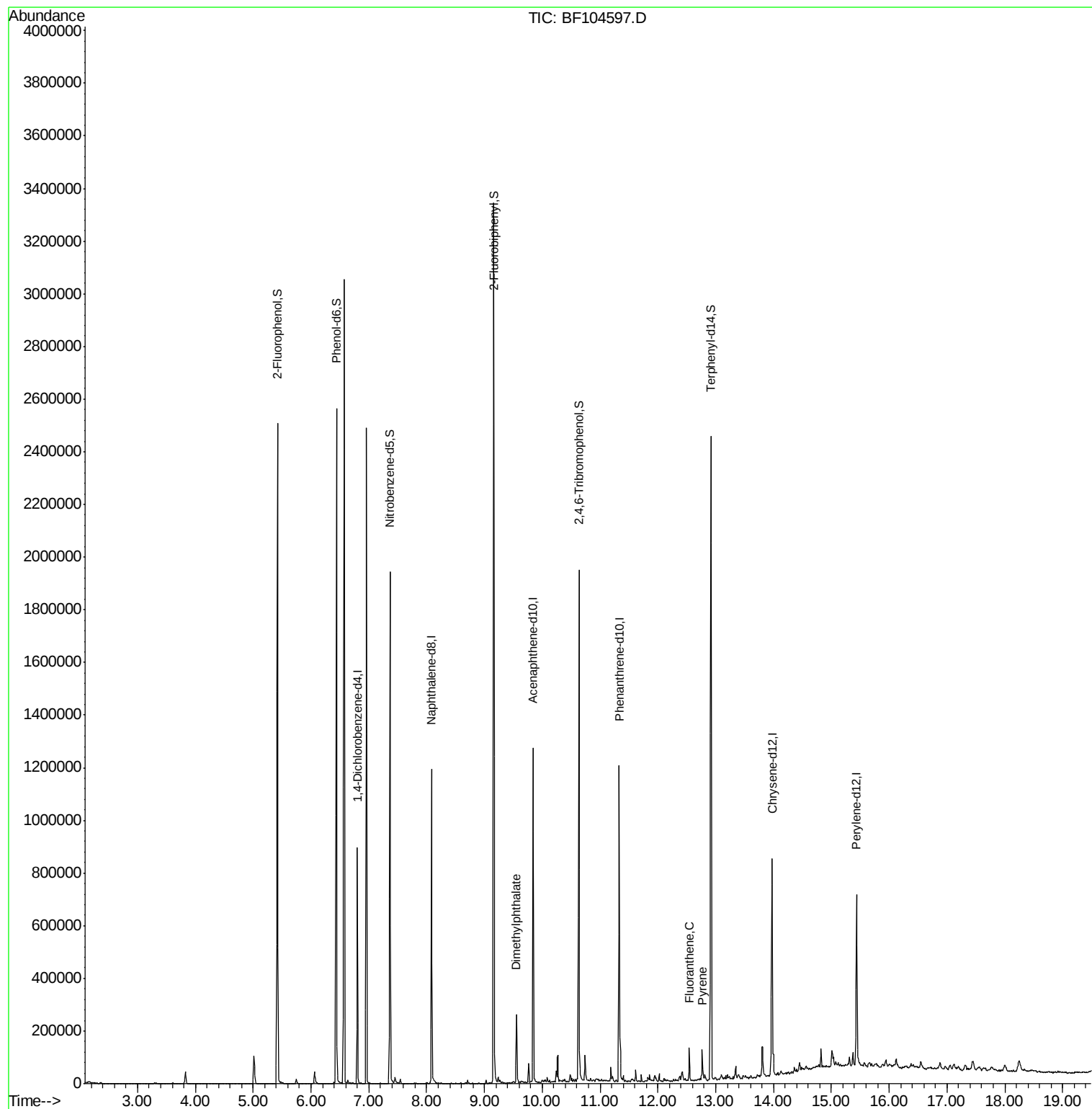
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041818\
Data File : BF104597.D
Acq On : 18 Apr 2018 13:18
Operator : JU/SJ
Sample : J2424-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

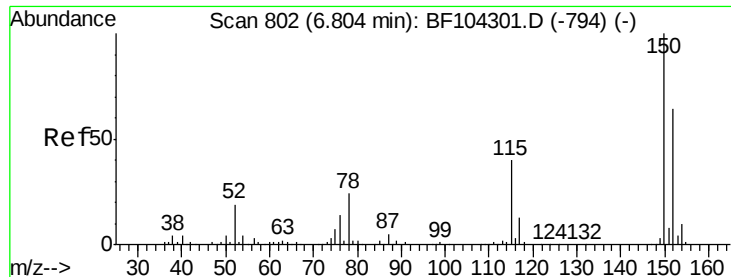
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-016-A

Manual Integrations
APPROVED

Sohil
4/19/2018 12:42:56 PM

Quant Time: Apr 18 15:11:30 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 18 11:52:19 2018
Response via : Initial Calibration





#1

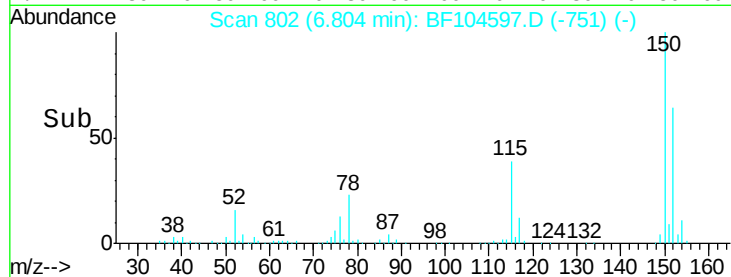
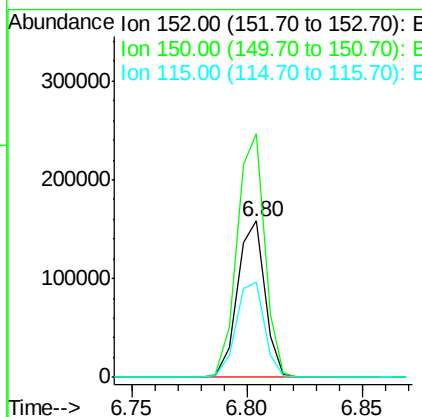
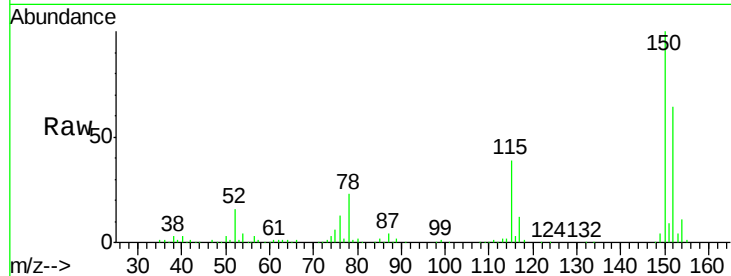
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104597.D
Acq: 18 Apr 2018 13:18

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-016-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.6	186.8
115	61.1	50.1	75.1

Manual Integrations
APPROVED

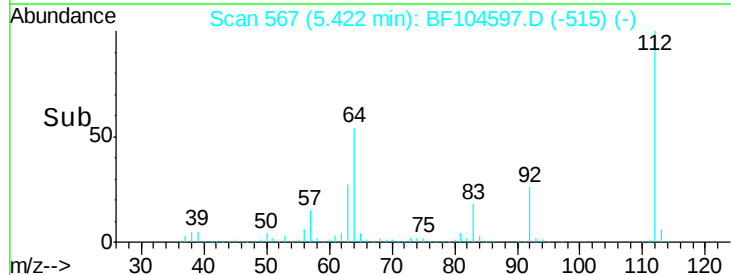
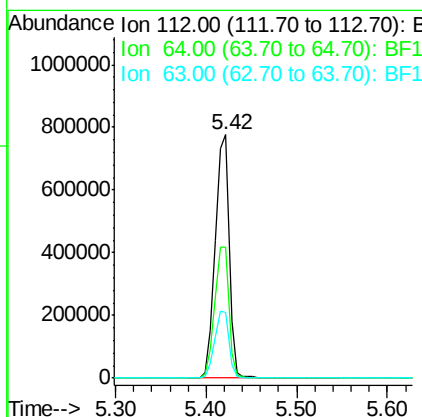
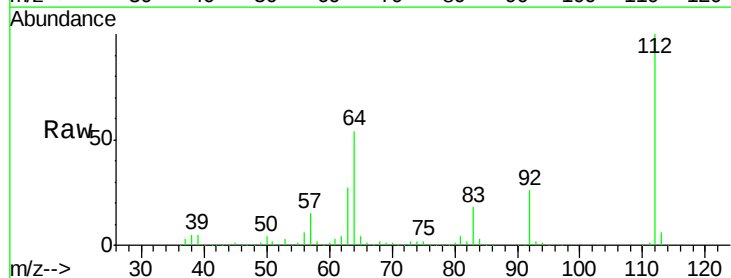
Sohil
4/19/2018 12:42:56 PM



#5

2-Fluorophenol
Concen: 96.344 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104597.D
Acq: 18 Apr 2018 13:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	47.9	71.9
63	27.2	23.7	35.5





#7

Phenol-d6

Concen: 97.003 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF104597.D

Acq: 18 Apr 2018 13:18

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-016-A

Tot Ion: 99 Resp: 1026612

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

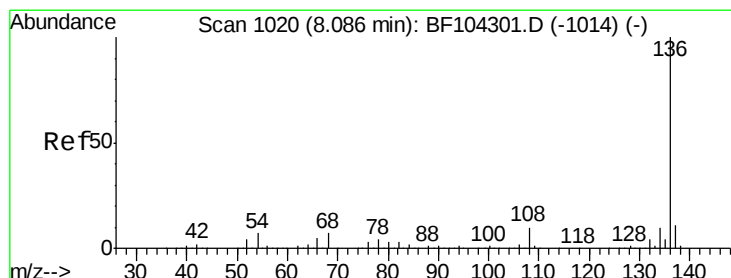
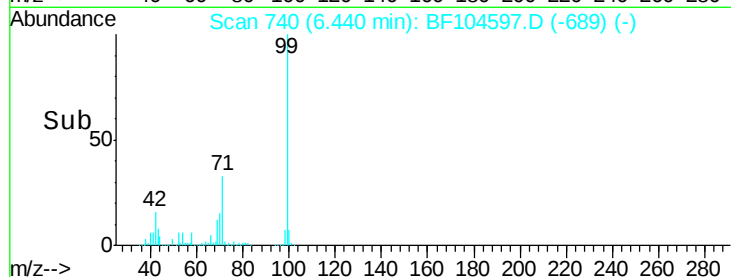
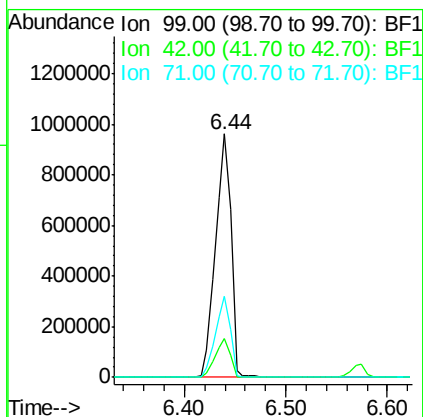
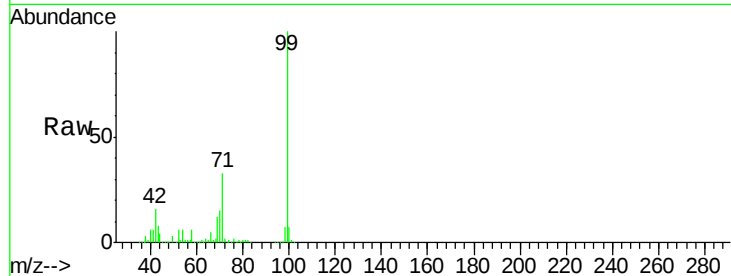
71 33.1 25.4 38.0

Manual Integrations

APPROVED

Sohil

4/19/2018 12:42:56 PM



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF104597.D

Acq: 18 Apr 2018 13:18

Tgt Ion: 136 Resp: 534352

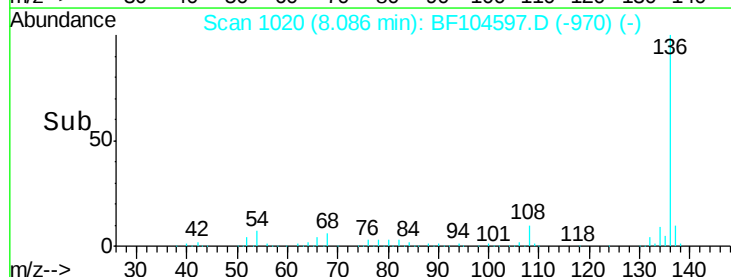
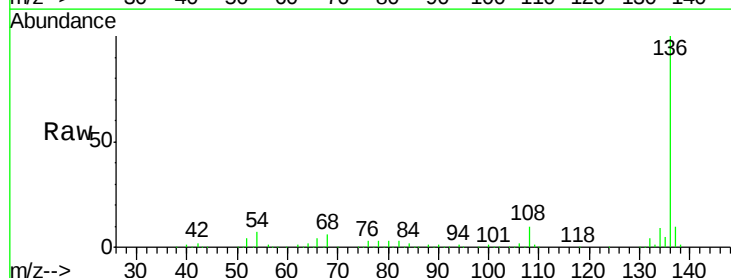
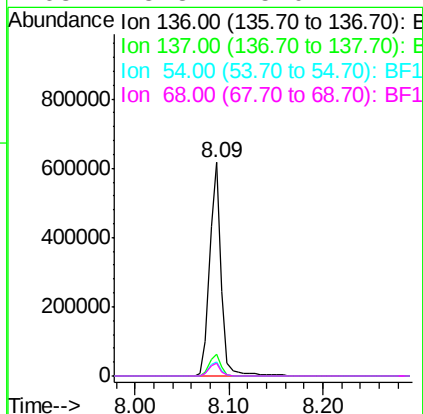
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 6.6 6.6 9.8

68 5.8 5.0 7.4





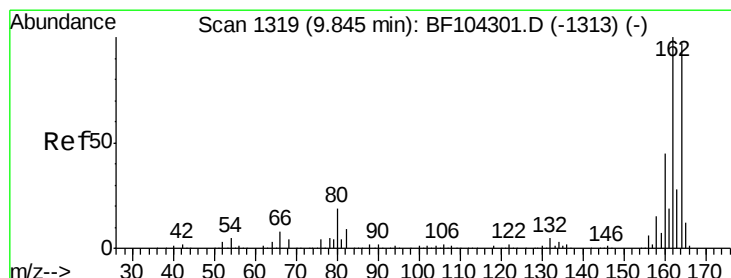
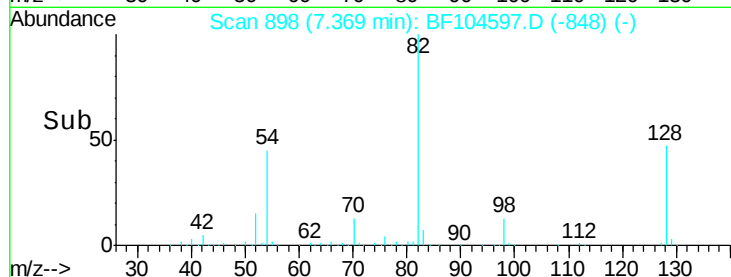
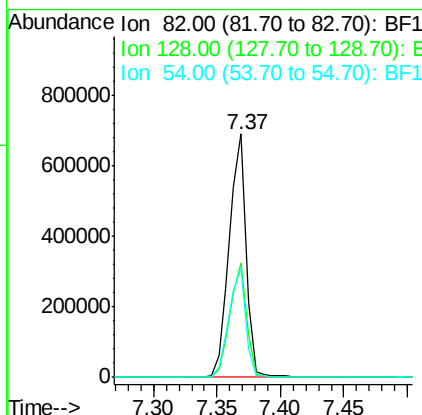
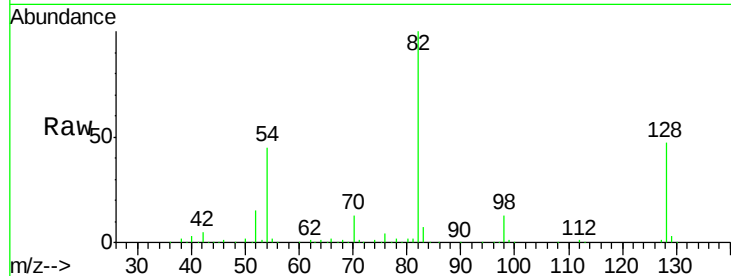
#23
Nitrobenzene-d5
Concen: 77.971 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104597.D
Acq: 18 Apr 2018 13:18

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-016-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.1	54.1
54	44.7	41.4	62.2

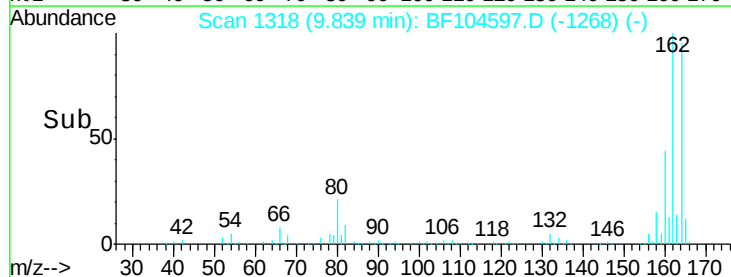
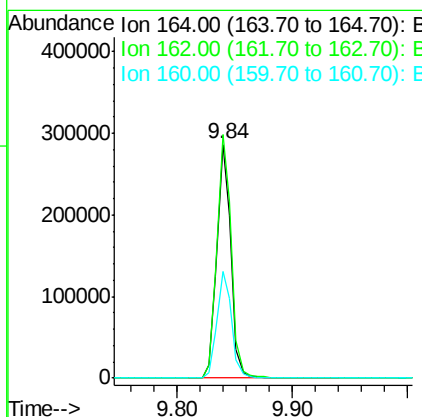
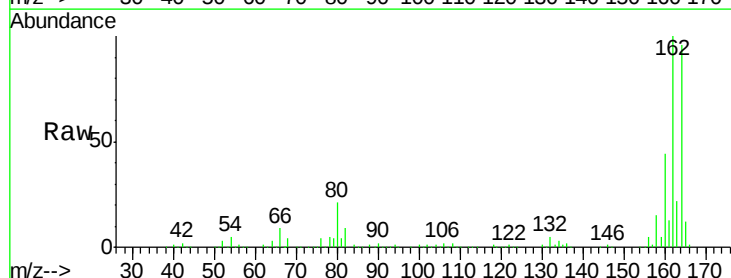
Manual Integrations
APPROVED

Sohil
4/19/2018 12:42:56 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104597.D
Acq: 18 Apr 2018 13:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	45.5	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 101.184 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF104597.D

Acq: 18 Apr 2018 13:18

Instrument :

BNA_F

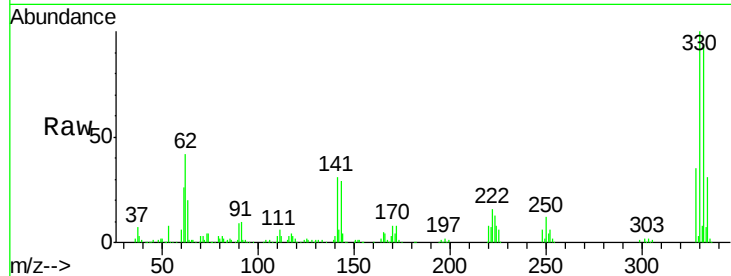
ClientSampleId :

FK-GF-02-016-A

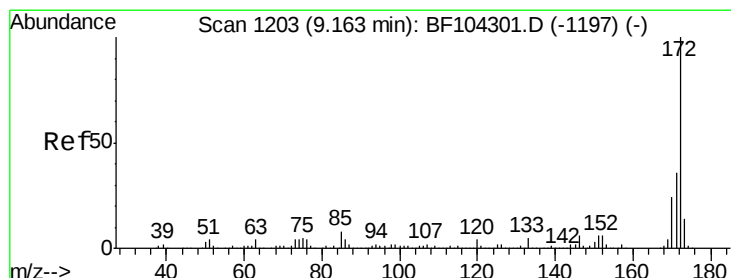
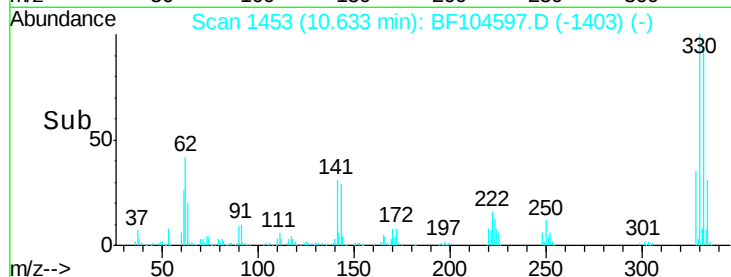
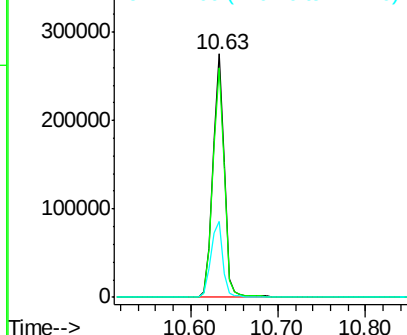
Tot Ion:	330	Resp:	251588
Ion Ratio		Lower	Upper
330	100		
332	95.4	77.0	115.6
141	33.0	29.9	44.9

Manual Integrations
APPROVED

Sohil
4/19/2018 12:42:56 PM



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: 67.022 ng

RT: 9.16 min Scan# 1203

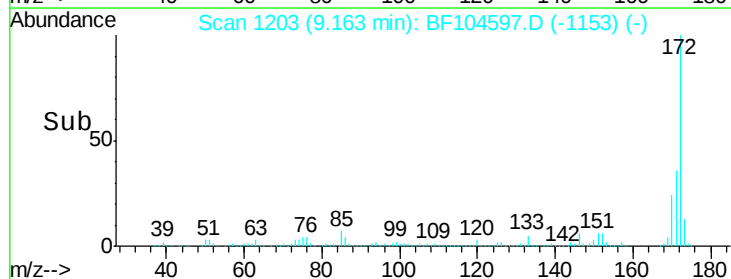
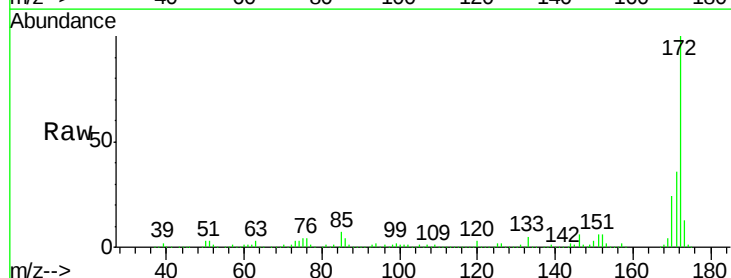
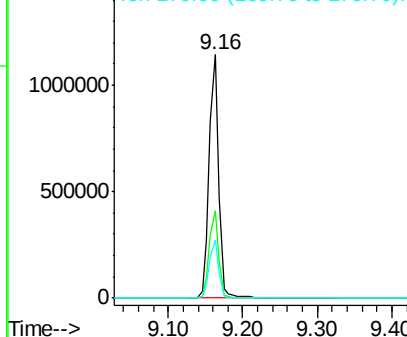
Delta R.T. -0.01 min

Lab File: BF104597.D

Acq: 18 Apr 2018 13:18

Tgt Ion:	172	Resp:	1016932
Ion Ratio		Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.1	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





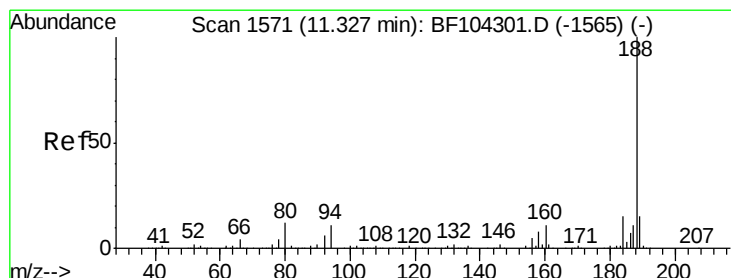
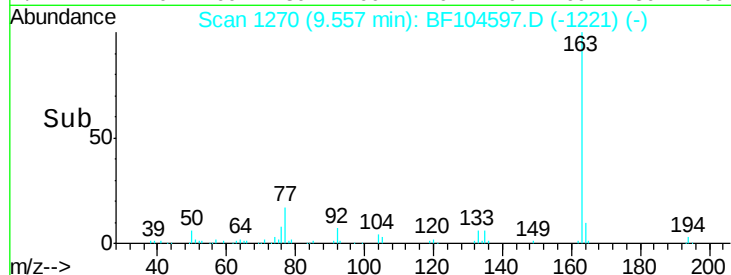
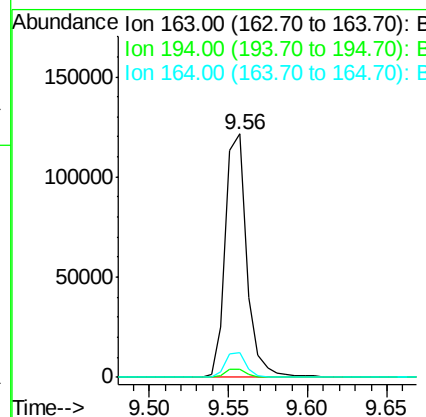
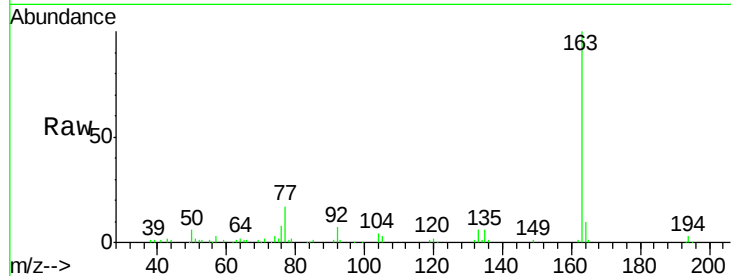
#49
Dimethylphthalate
Concen: 6.047 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104597.D
Acq: 18 Apr 2018 13:18

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-016-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100				
194	3.4		2.7	4.1	
164	10.0		8.2	12.2	

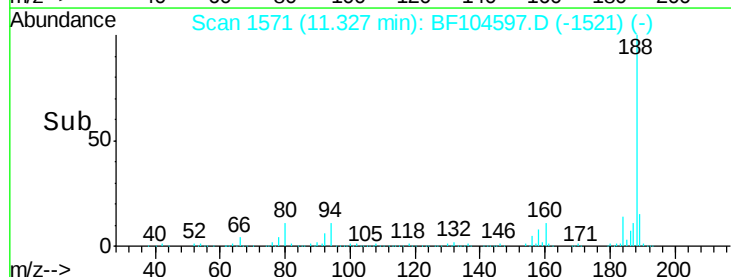
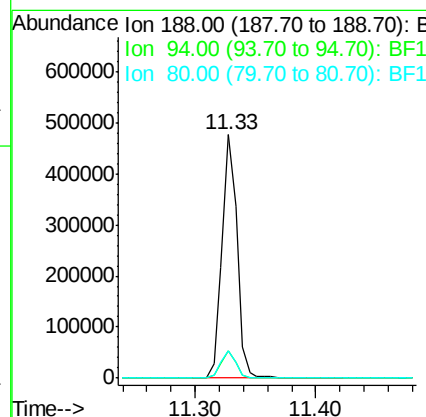
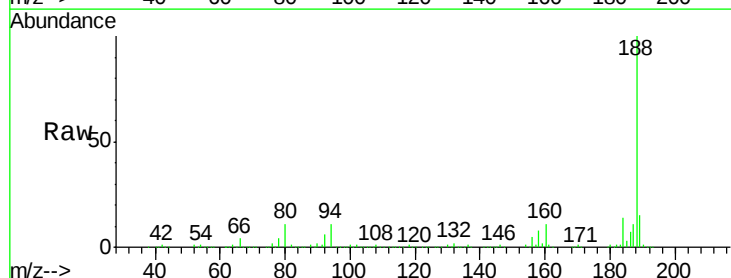
Manual Integrations
APPROVED

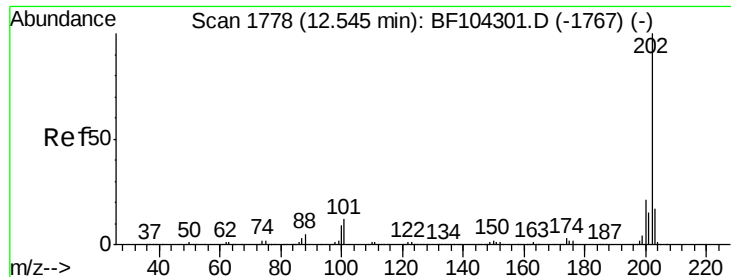
Sohil
4/19/2018 12:42:56 PM



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104597.D
Acq: 18 Apr 2018 13:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	11.1		8.5	12.7	
80	11.5		9.2	13.8	





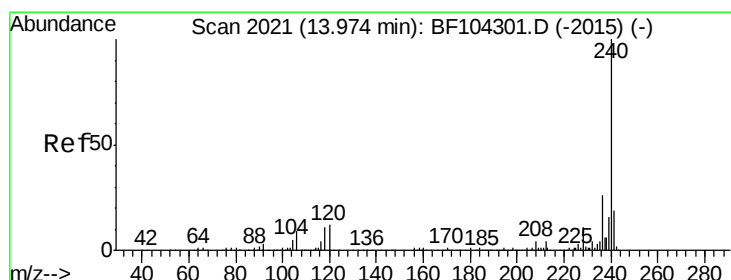
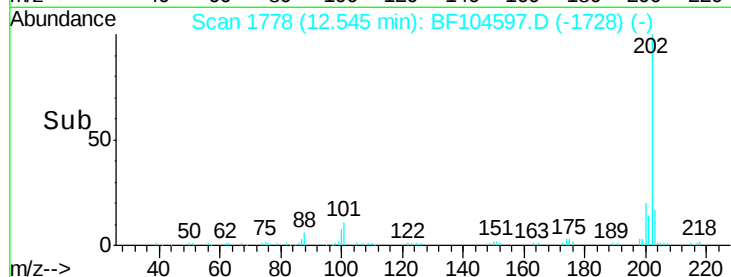
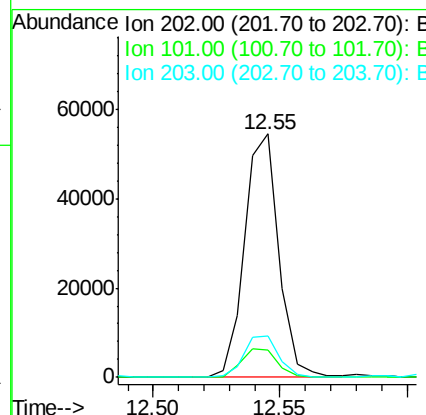
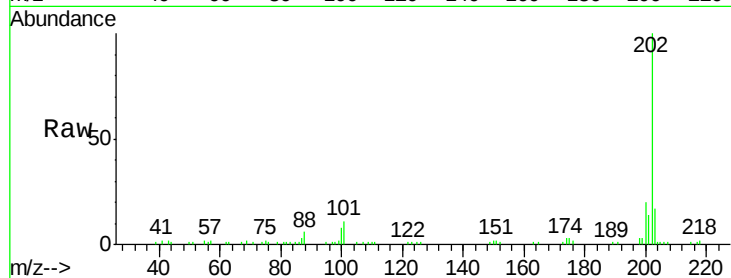
#74
 Fluoranthene
 Concen: 2.161 ng
 RT: 12.55 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BF104597.D
 Acq: 18 Apr 2018 13:18

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-016-A

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.2	0.0	34.1
203	16.9	0.0	38.1

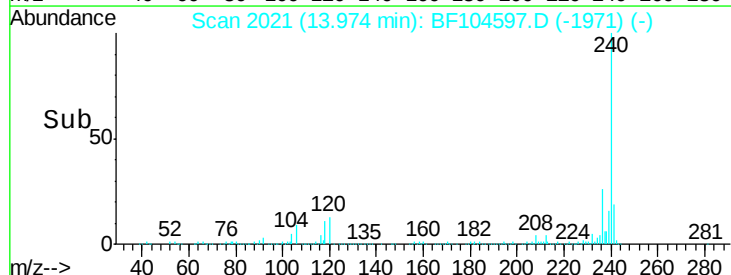
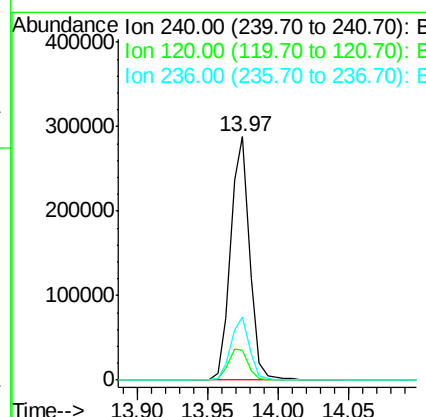
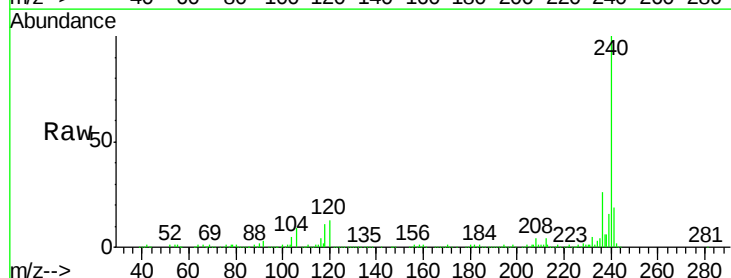
Manual Integrations
 APPROVED

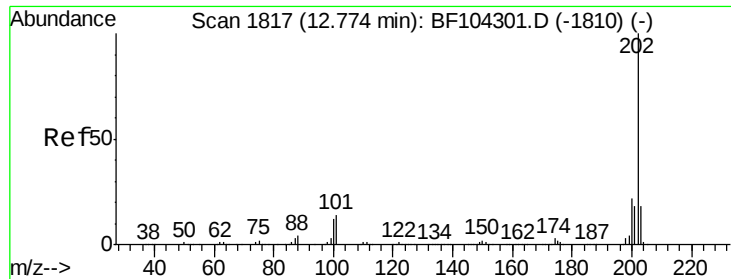
Sohil
 4/19/2018 12:42:56 PM



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF104597.D
 Acq: 18 Apr 2018 13:18

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.5	9.5	14.3
236	26.0	20.7	31.1





#77

Pvrene

Concen: 2.511 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF104597.D

Acq: 18 Apr 2018 13:18

Instrument :

BNA_F

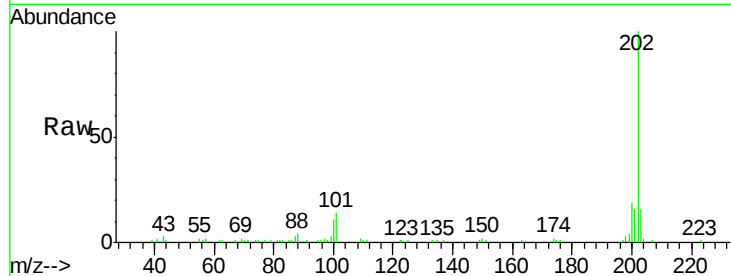
ClientSampleId :

FK-GF-02-016-A

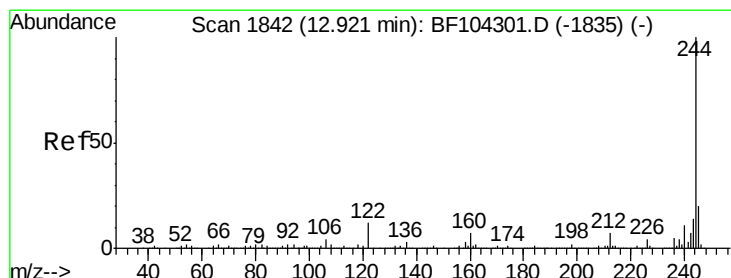
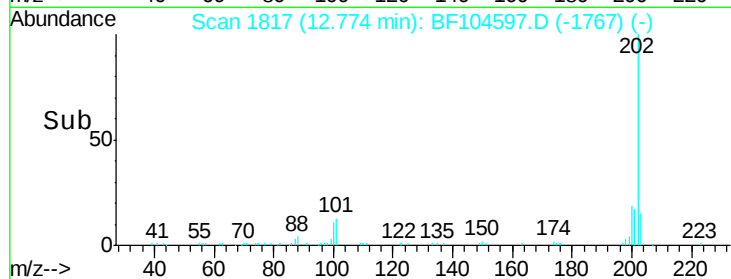
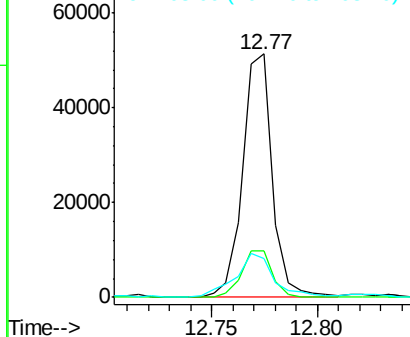
Tot Ion:	202	Resp:	50118
Ion Ratio	Lower	Upper	
202	100		
200	19.1	17.4	26.2
203	16.2	14.3	21.5

Manual Integrations
APPROVED

Sohil
4/19/2018 12:42:56 PM



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: 70.647 ng

RT: 12.92 min Scan# 1841

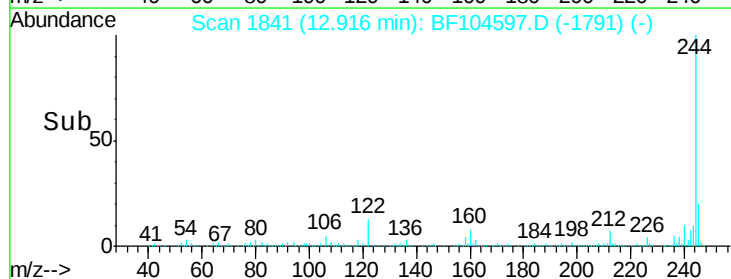
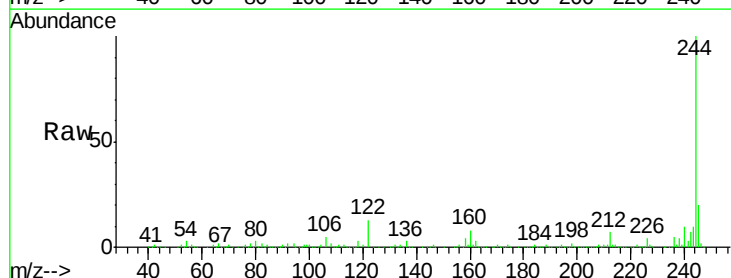
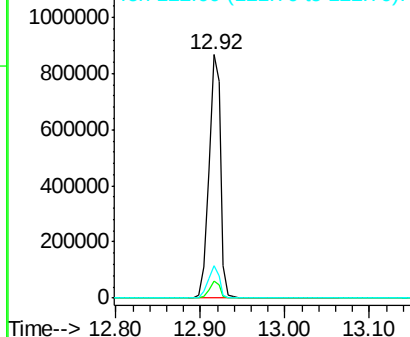
Delta R.T. -0.01 min

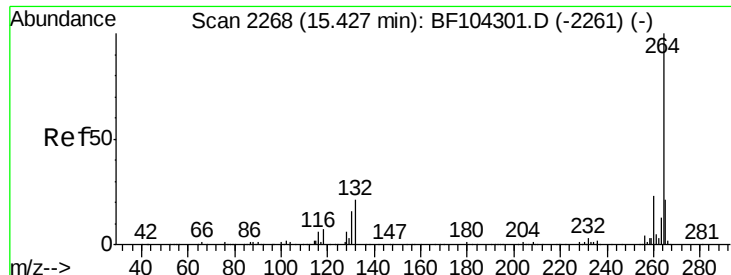
Lab File: BF104597.D

Acq: 18 Apr 2018 13:18

Tgt Ion:	244	Resp:	834470
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.4	8.0
122	13.5	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: 15.44 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: BF104597.D
 Acq: 18 Apr 2018 13:18

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-016-A

Tot Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.4	19.2	28.8
265	21.8	17.5	26.3

Manual Integrations
 APPROVED

Sohil
 4/19/2018 12:42:56 PM

