

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
 Data File : BF104528.D
 Acq On : 16 Apr 2018 12:33
 Operator : JU/SJ
 Sample : J2166-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-041218

Manual Integrations
 APPROVED

Sohil
 4/17/2018 10:08:44 AM

Quant Time: Apr 16 13:49:26 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 12:15:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	172857	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	679159	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	277630	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	408312	20.00	ng	0.00
75) Chrysene-d12	13.99	240	351738	20.00	ng	0.00
86) Perylene-d12	15.46	264	272348	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1066785	94.37	ng	0.01
7) Phenol-d6	6.45	99	1329174	95.69	ng	0.00
23) Nitrobenzene-d5	7.37	82	817937	78.64	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	250528	86.99	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1275119	72.56	ng	0.00
78) Terphenyl-d14	12.93	244	928366	60.17	ng	0.00
Target Compounds						
10) Phenol	6.46	94	51824	3.516	ng	97
49) Dimethylphthalate	9.56	163	164206	7.500	ng	99
74) Fluoranthene	12.55	202	50498	2.126	ng	98

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

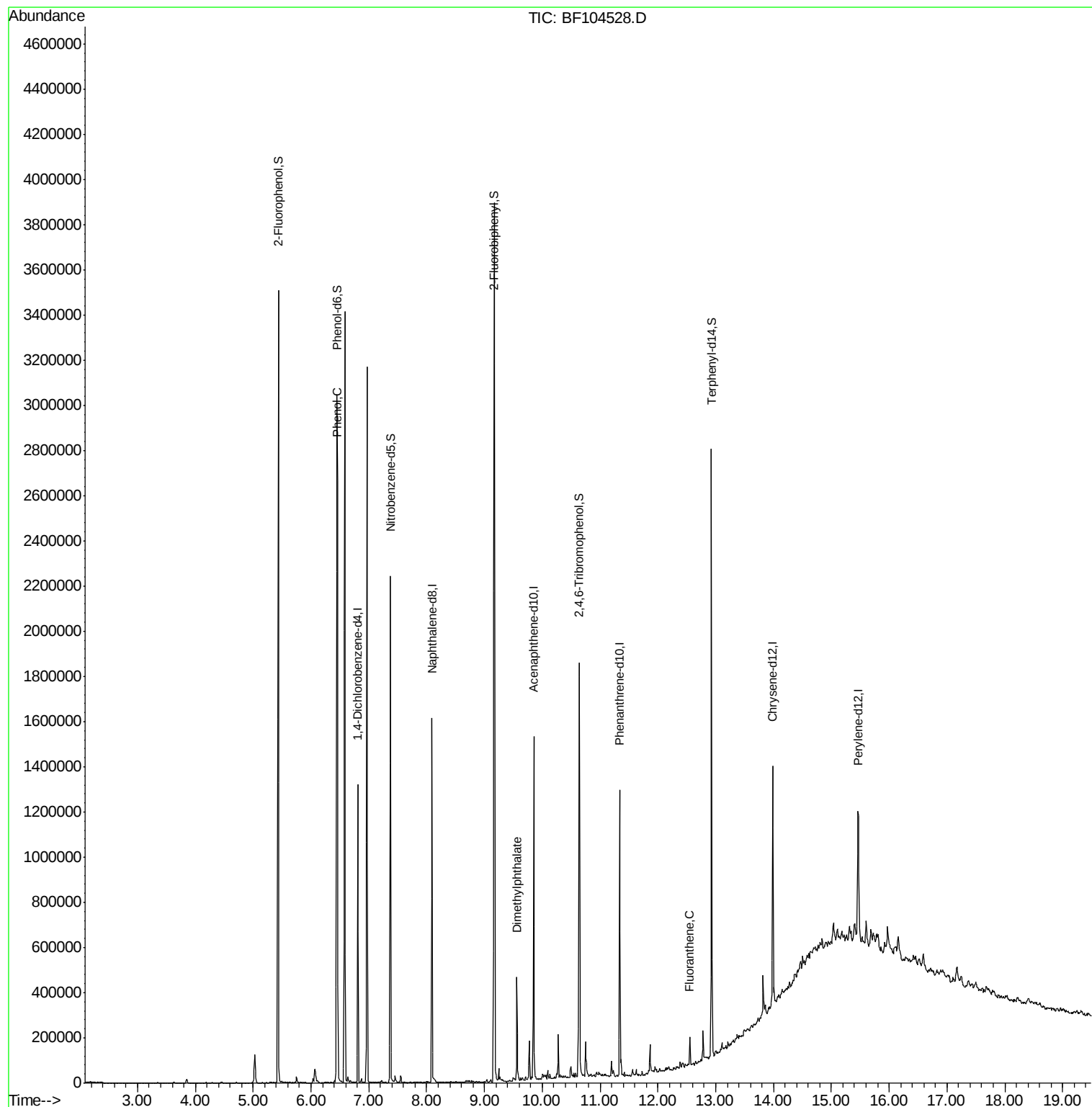
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
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#1

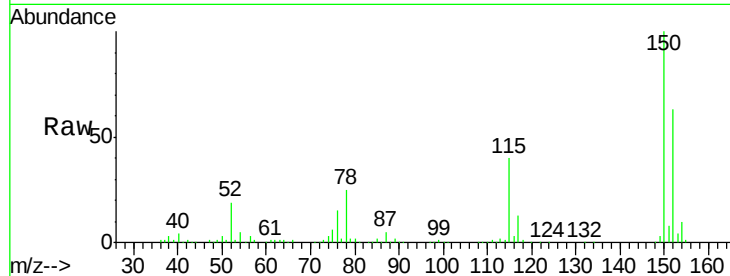
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104528.D
Acq: 16 Apr 2018 12:33

Instrument :
BNA_F
ClientSampleId :
TR-04-041218

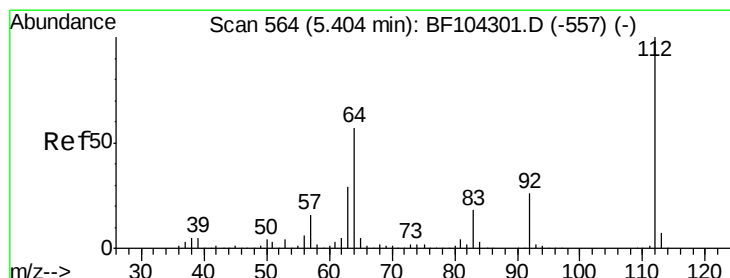
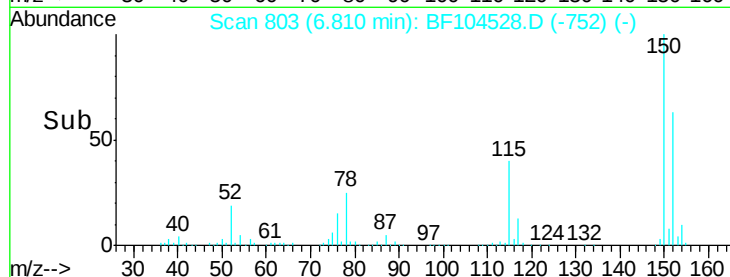
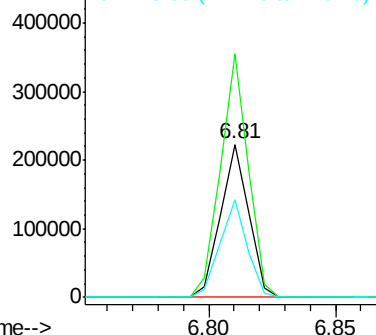
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	63.9	50.1	75.1

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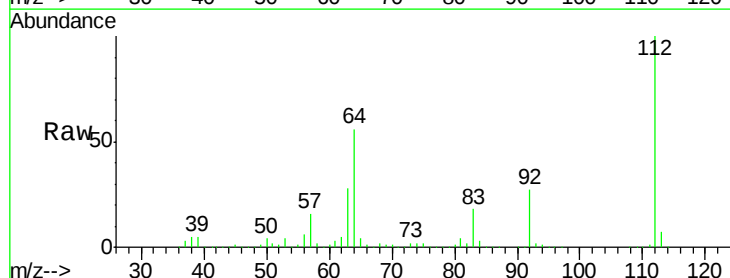
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



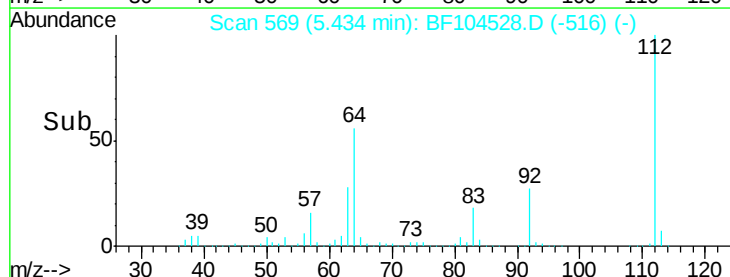
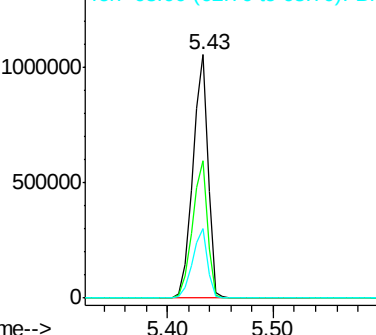
#5

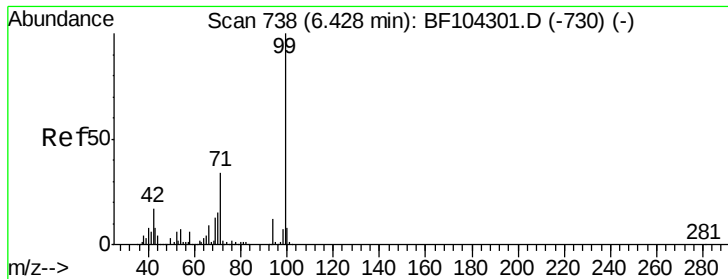
2-Fluorophenol
Concen: 94.366 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF104528.D
Acq: 16 Apr 2018 12:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	47.9	71.9
63	28.4	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: 95.693 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF104528.D

Acq: 16 Apr 2018 12:33

Instrument :

BNA_F

ClientSampleId :

TR-04-041218

Tot Ion: 99 Resp: 1329174

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

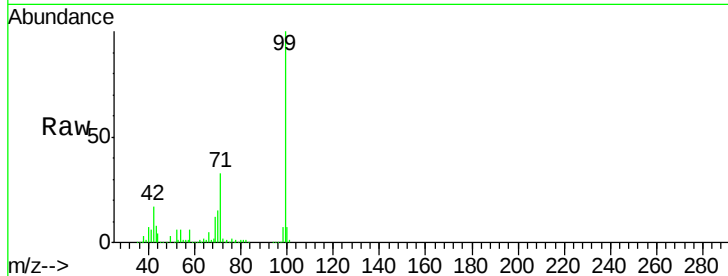
71 33.5 25.4 38.0

Manual Integrations

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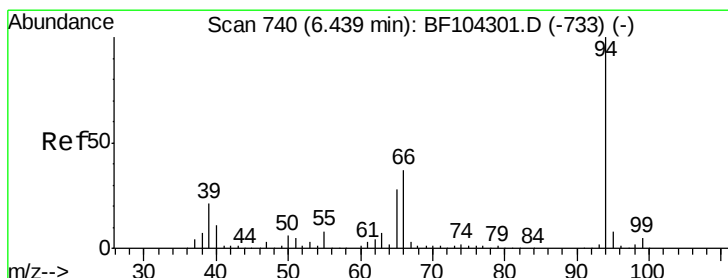
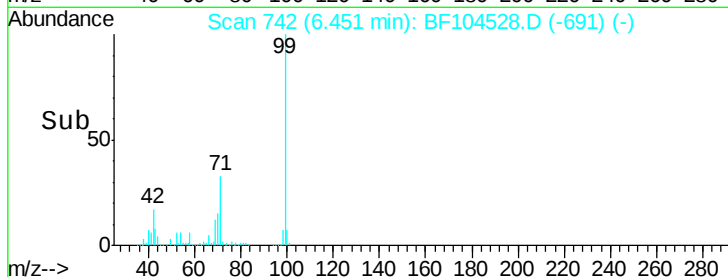
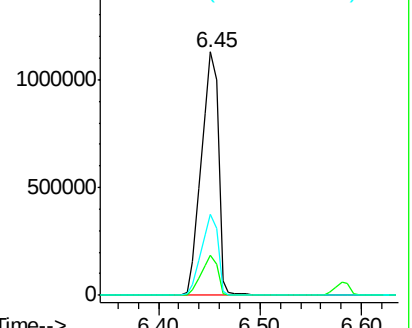
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.516 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF104528.D

Acq: 16 Apr 2018 12:33

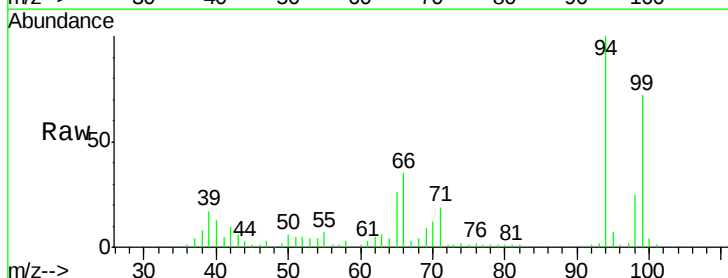
Tgt Ion: 94 Resp: 51824

Ion Ratio Lower Upper

94 100

65 26.1 7.9 47.9

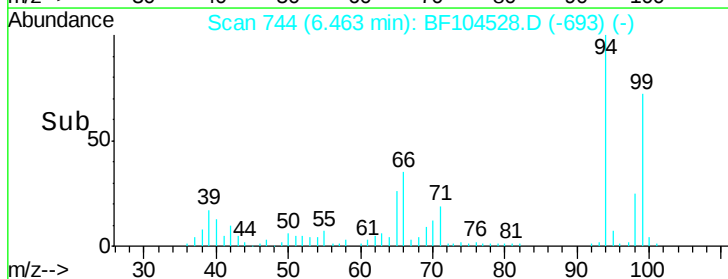
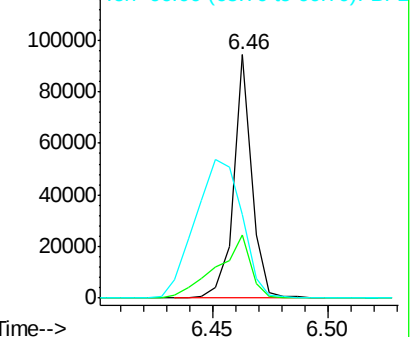
66 34.6 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF104528.D

Acq: 16 Apr 2018 12:33

Instrument :

BNA_F

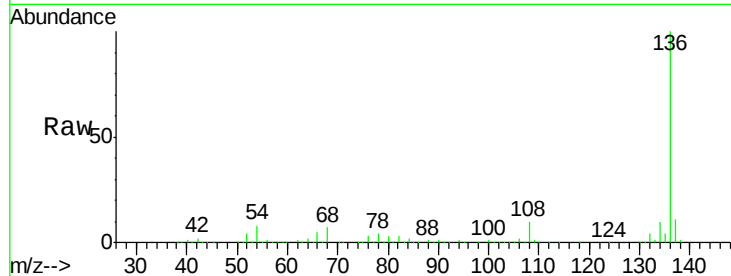
ClientSampleId :

TR-04-041218

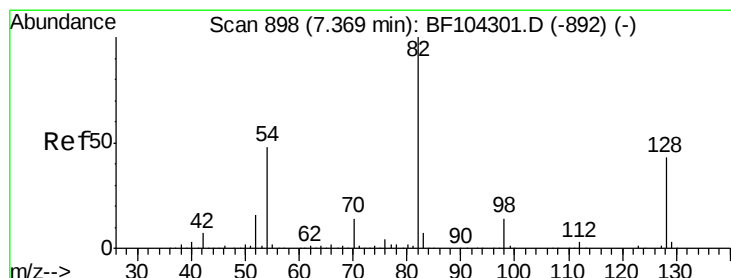
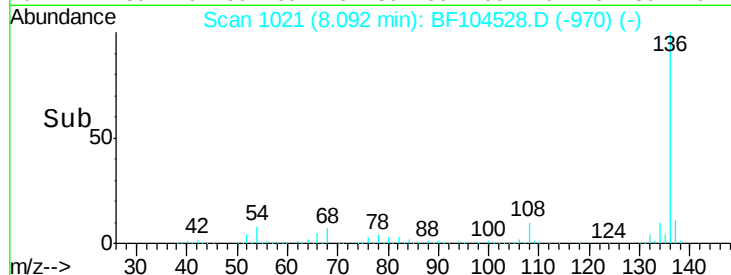
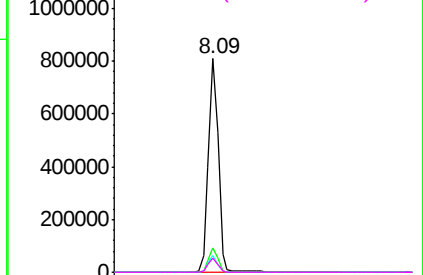
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		679159		
137	11.1		8.9	13.3	
54	7.5		6.6	9.8	
68	6.6		5.0	7.4	

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Abundance Ion 136.00 (135.70 to 136.70): E



#23

Nitrobenzene-d5

Concen: 78.641 ng

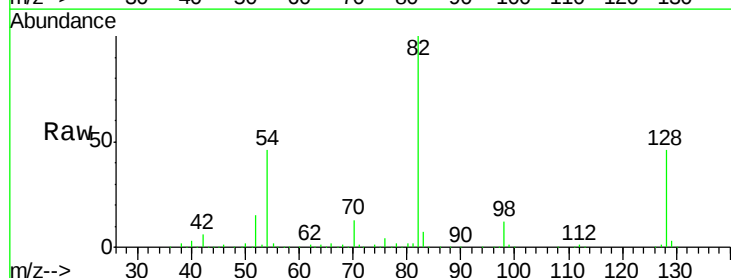
RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

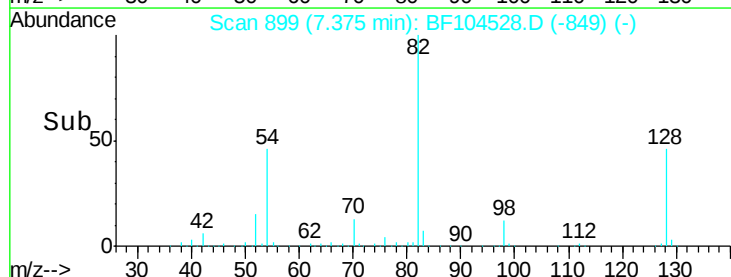
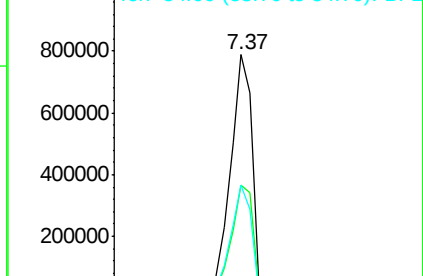
Lab File: BF104528.D

Acq: 16 Apr 2018 12:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		817937		
128	46.2		36.1	54.1	
54	46.4		41.4	62.2	



Abundance Ion 82.00 (81.70 to 82.70): BF1





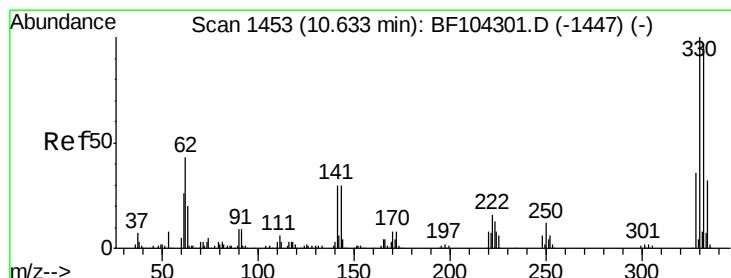
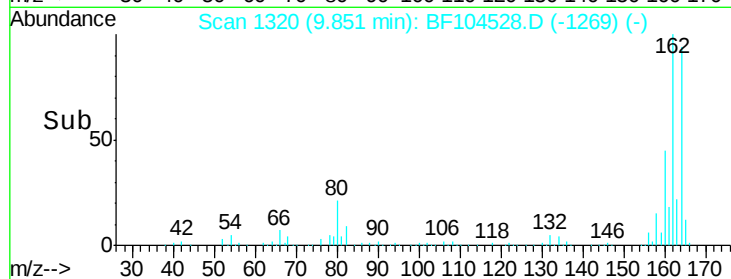
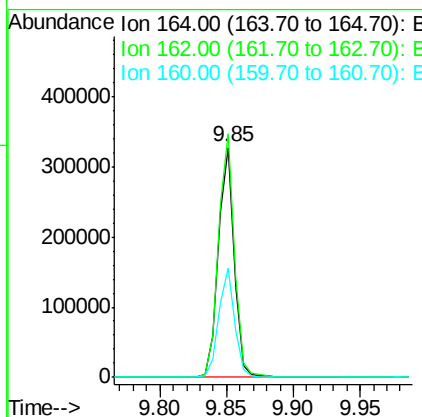
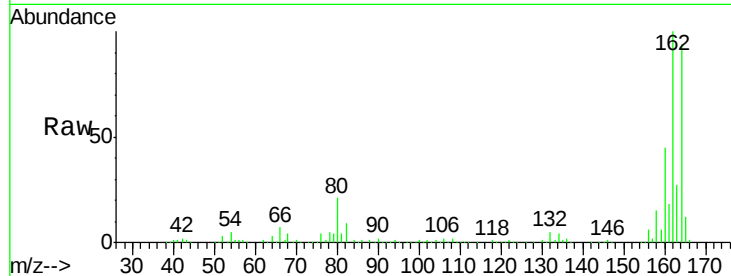
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF104528.D
Acq: 16 Apr 2018 12:33

Instrument :
BNA_F
ClientSampleId :
TR-04-041218

Tot Ion	Ratio	Resp	Lower	Upper
164	100	277630		
162	106.0	86.1	129.1	
160	47.7	38.3	57.5	

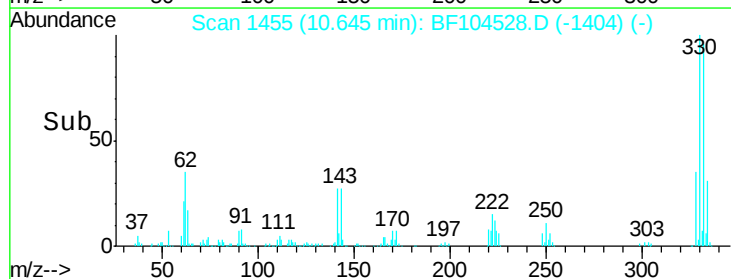
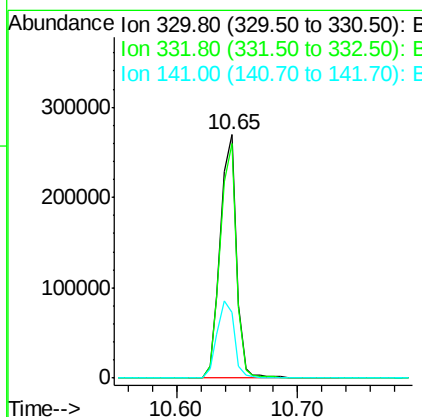
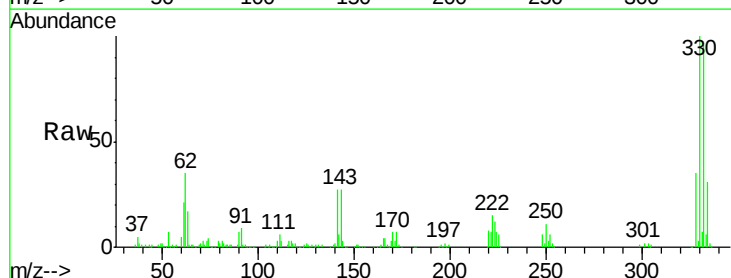
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#41
2,4,6-Tribromophenol
Concen: 86.991 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BF104528.D
Acq: 16 Apr 2018 12:33

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	250528		
332	96.2	77.0	115.6	
141	34.1	29.9	44.9	





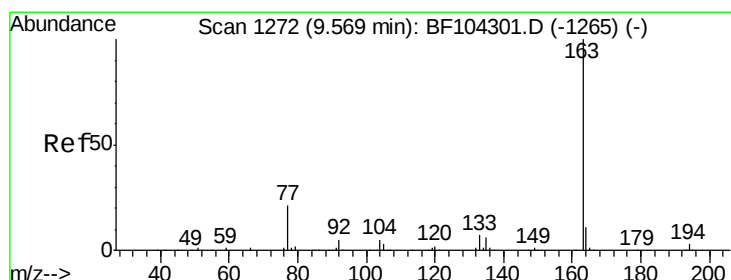
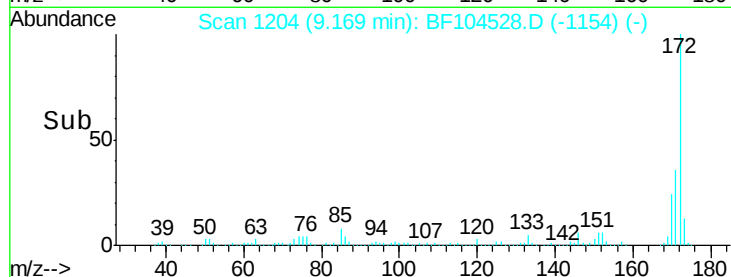
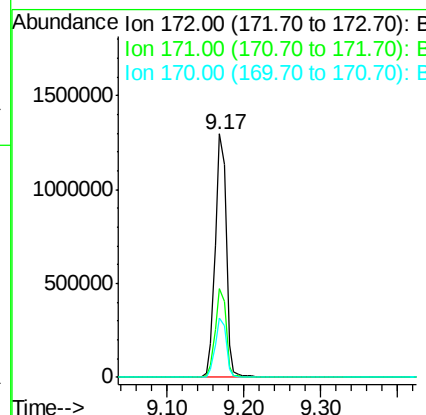
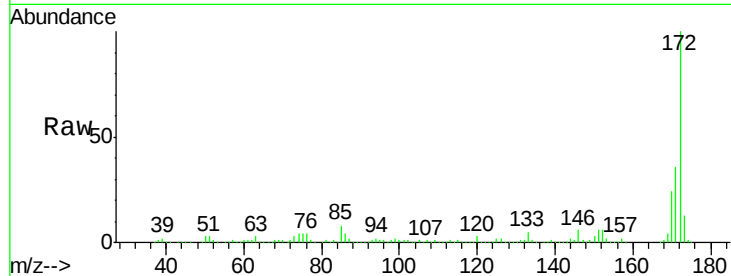
#44
2-Fluorobiphenyl
Concen: 72.556 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF104528.D
Acq: 16 Apr 2018 12:33

Instrument :
BNA_F
ClientSampleId :
TR-04-041218

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.2	19.6	29.4

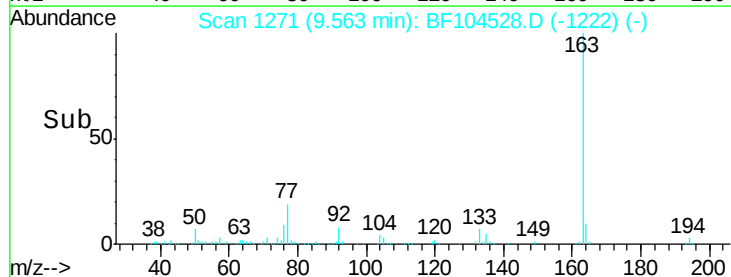
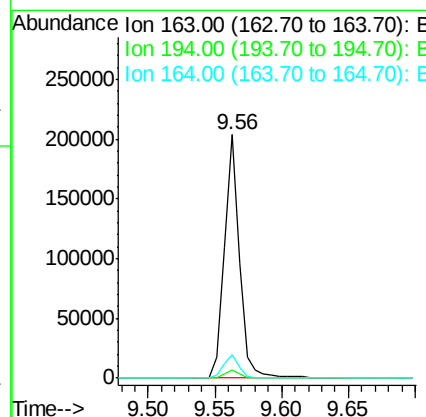
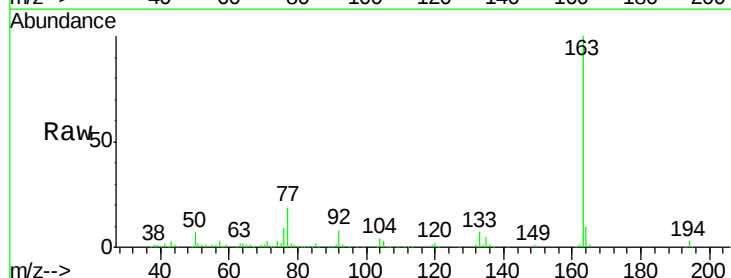
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#49
Dimethylphthalate
Concen: 7.500 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104528.D
Acq: 16 Apr 2018 12:33

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.6	8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BF104528.D

Acq: 16 Apr 2018 12:33

Instrument :

BNA_F

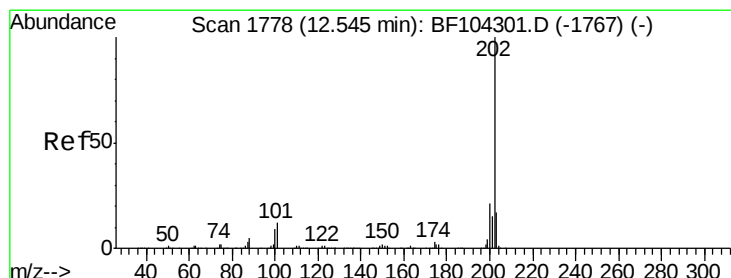
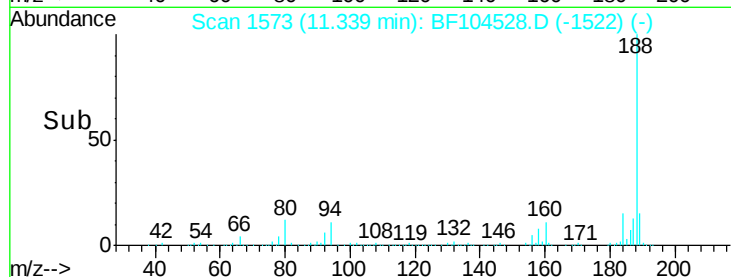
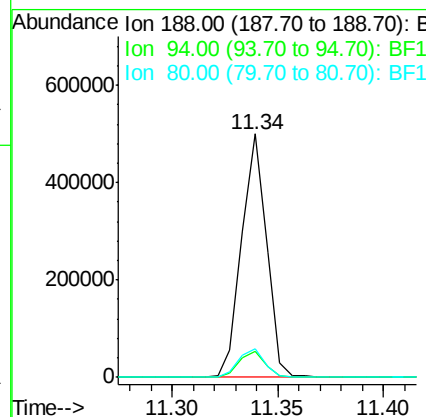
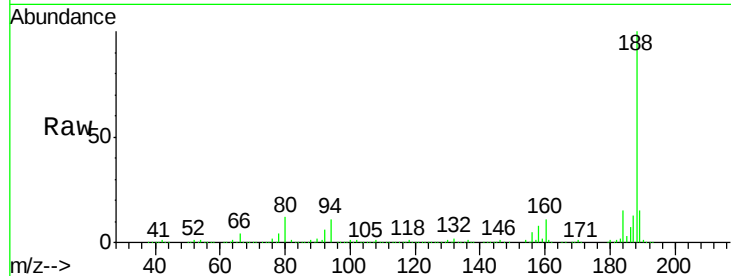
ClientSampleId :

TR-04-041218

Tot Ion:	188	Resp:	408312
Ion Ratio	Lower	Upper	
188	100		
94	10.8	8.5	12.7
80	11.5	9.2	13.8

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#74

Fluoranthene

Concen: 2.126 ng

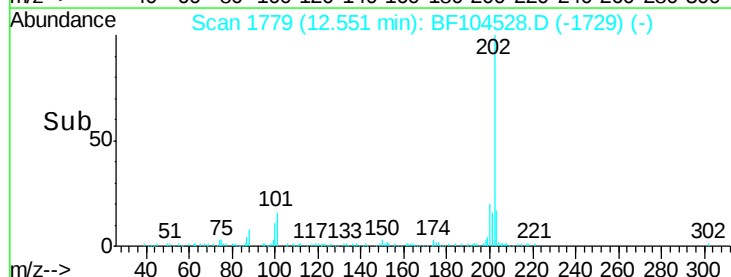
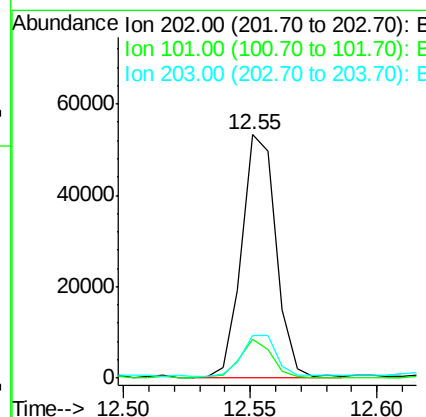
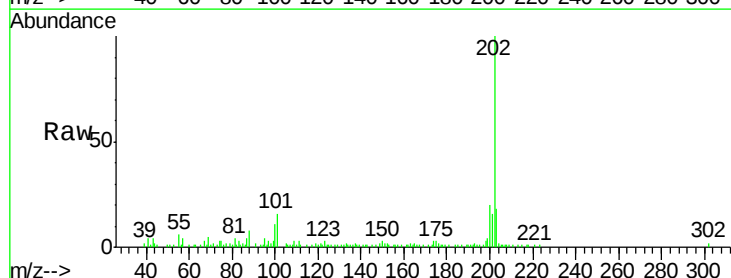
RT: 12.55 min Scan# 1779

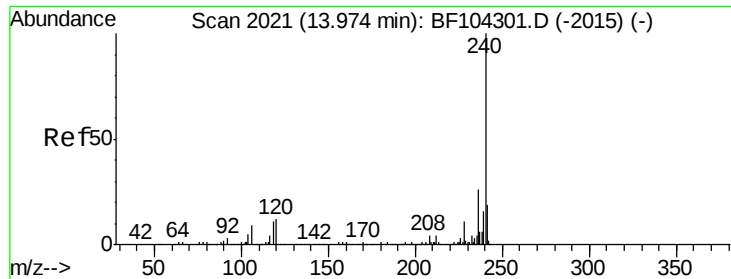
Delta R.T. -0.01 min

Lab File: BF104528.D

Acq: 16 Apr 2018 12:33

Tgt Ion:	202	Resp:	50498
Ion Ratio	Lower	Upper	
202	100		
101	15.8	0.0	34.1
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF104528.D

Acq: 16 Apr 2018 12:33

Instrument :

BNA_F

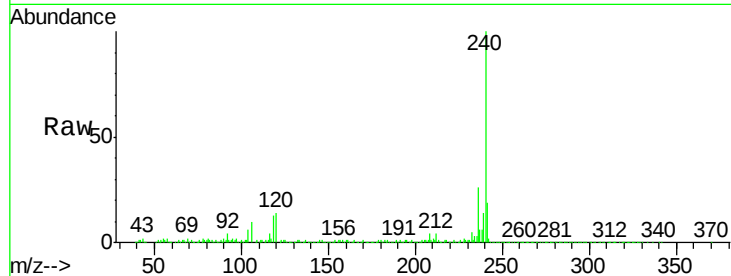
ClientSampleId :

TR-04-041218

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.4	9.5	14.3#
236	25.6	20.7	31.1

Manual Integrations
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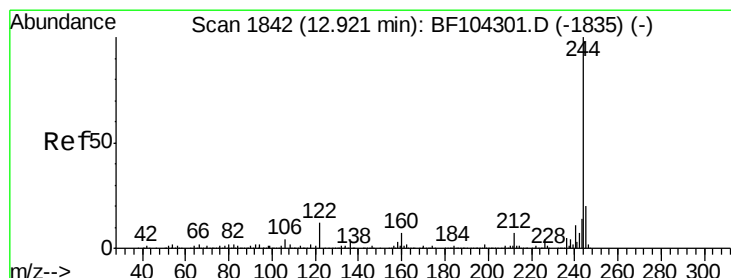
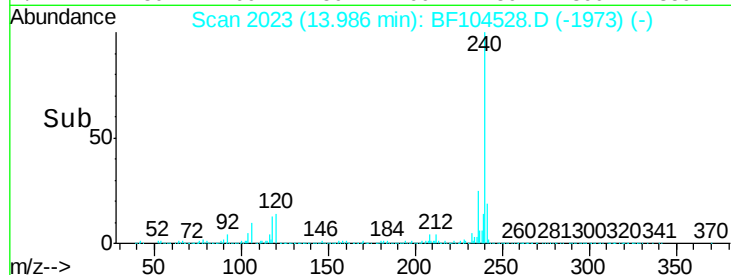
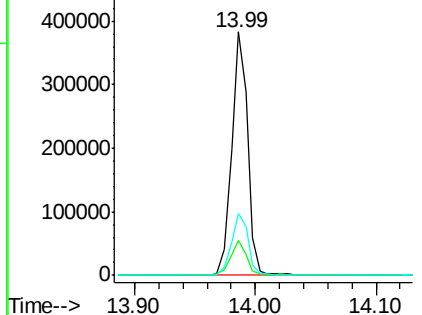
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 60.173 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.00 min

Lab File: BF104528.D

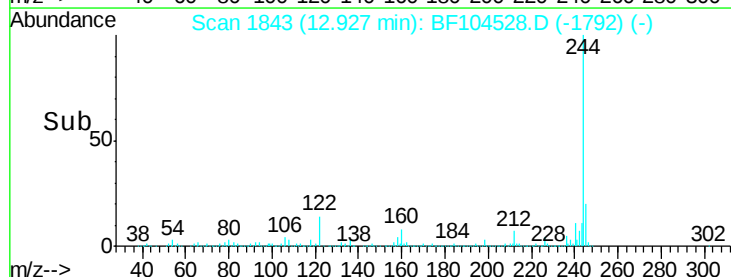
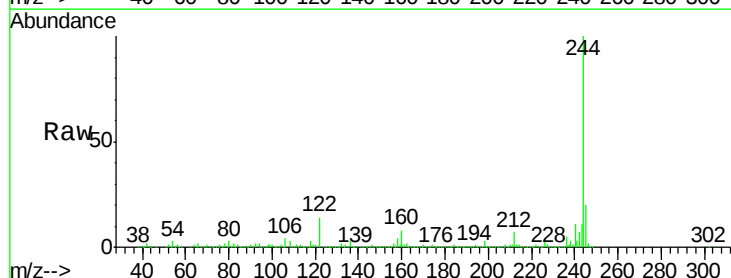
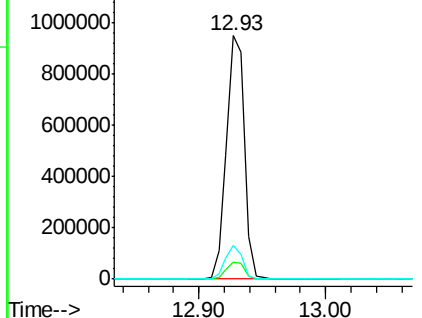
Acq: 16 Apr 2018 12:33

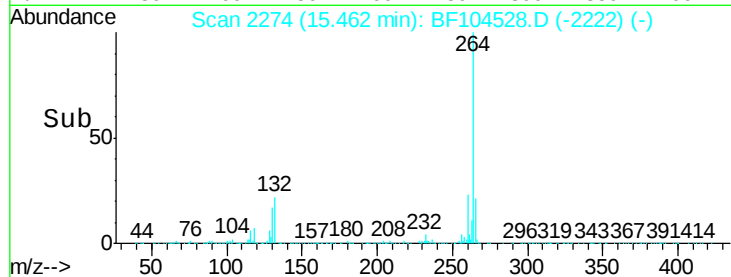
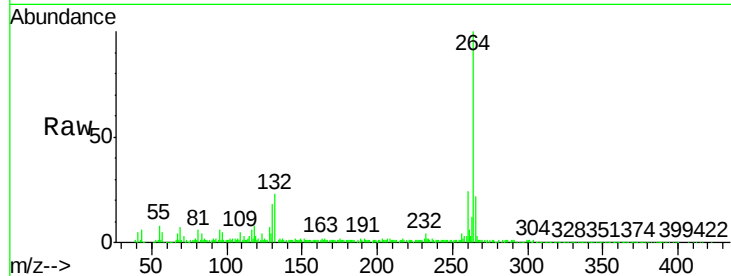
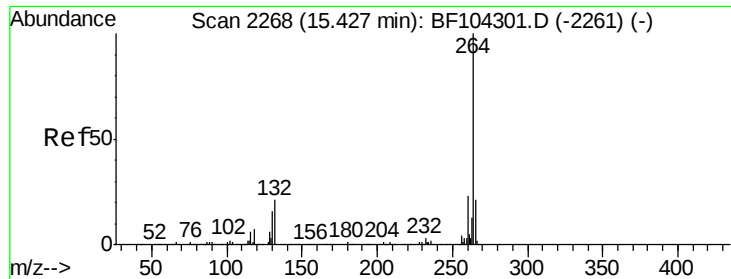
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.8	11.0	16.4

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: 15.46 min Scan# 2274
 Delta R.T. 0.01 min
 Lab File: BF104528.D
 Acq: 16 Apr 2018 12:33

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-041218

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.1	17.5	26.3

Manual Integrations
 APPROVED

Sohil
 4/17/2018 10:08:44 AM

