

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041118\
 Data File : BF104435.D
 Acq On : 11 Apr 2018 13:56
 Operator : JU/SJ
 Sample : J2325-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-015-A

Manual Integrations
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Sohil
 4/12/2018 2:30:32 PM

Quant Time: Apr 11 16:42:45 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 11 13:19:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	131701	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	521718	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	223993	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	368725	20.00	ng	0.00
75) Chrysene-d12	13.98	240	256989	20.00	ng	0.00
86) Perylene-d12	15.45	264	270492	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	705149	81.87	ng	0.01
7) Phenol-d6	6.44	99	837143	79.10	ng	0.00
23) Nitrobenzene-d5	7.37	82	516852	64.69	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	191673	82.49	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	879706	62.04	ng	0.00
78) Terphenyl-d14	12.92	244	661099	58.65	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	61386	3.475	ng	99
74) Fluoranthene	12.54	202	52992	2.470	ng	98
77) Pyrene	12.77	202	48914	2.568	ng	98

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

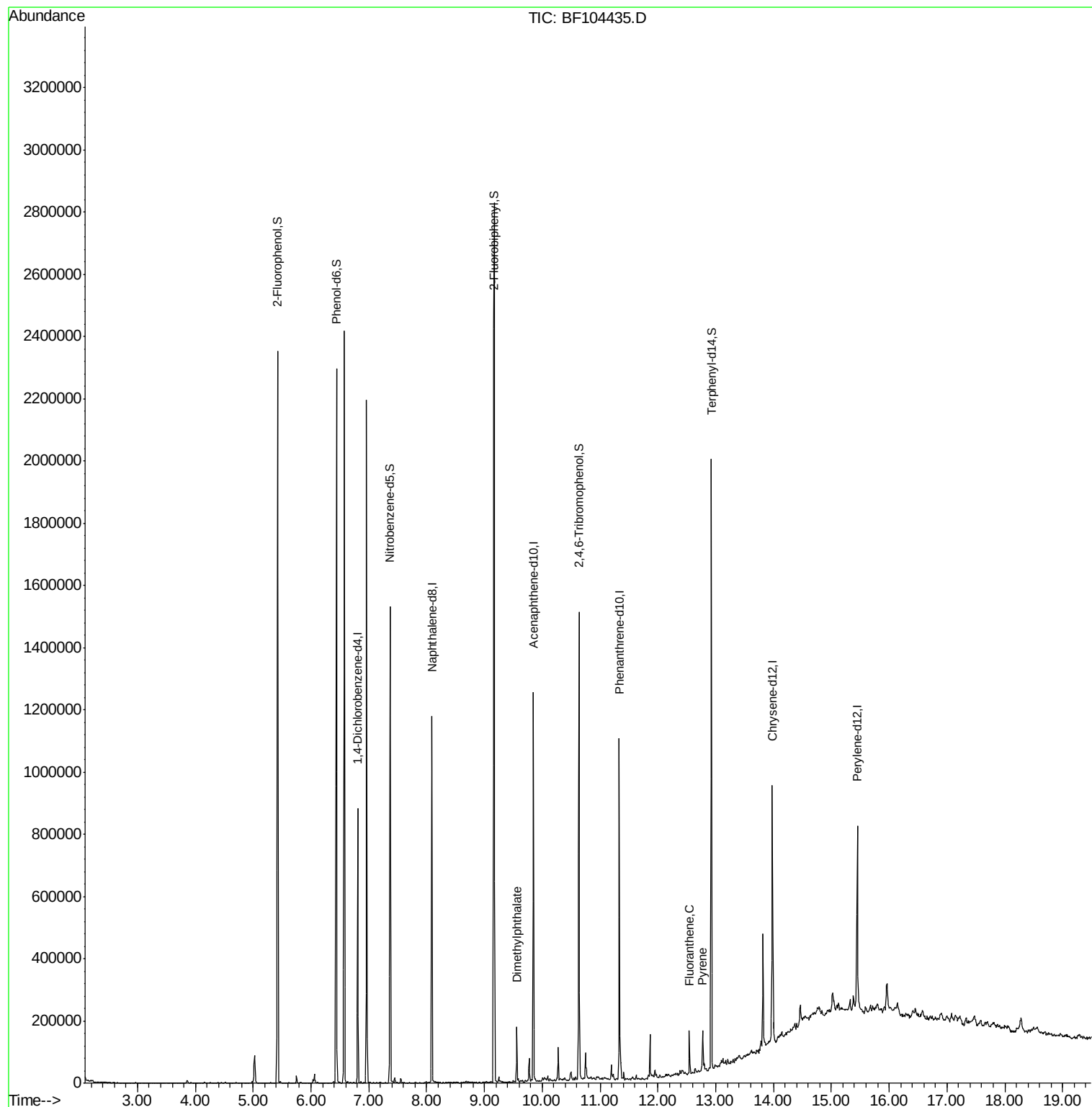
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041118\
Data File : BF104435.D
Acq On : 11 Apr 2018 13:56
Operator : JU/SJ
Sample : J2325-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

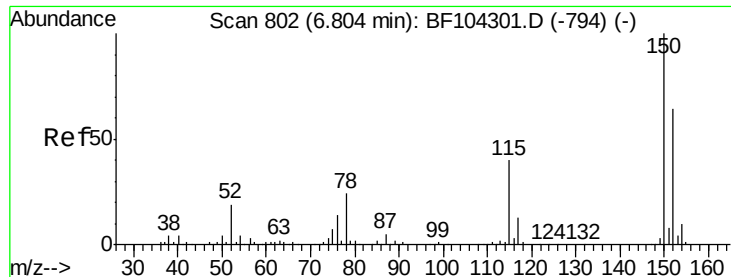
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-015-A

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#1

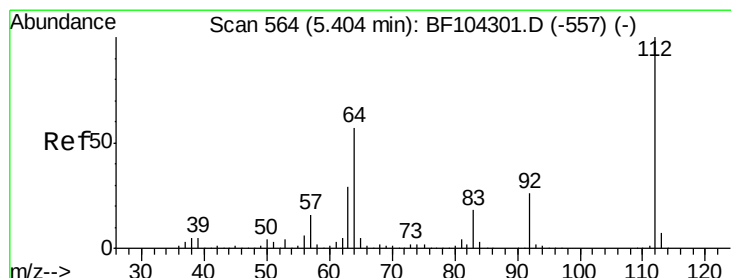
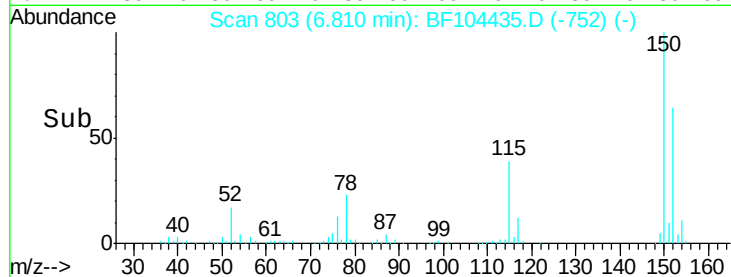
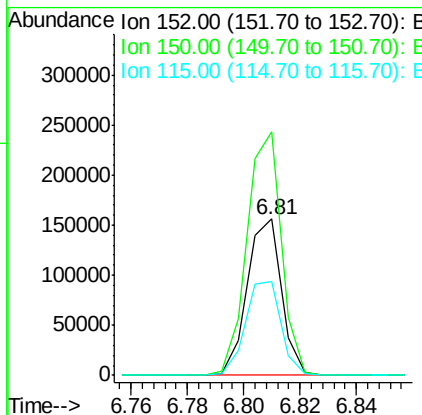
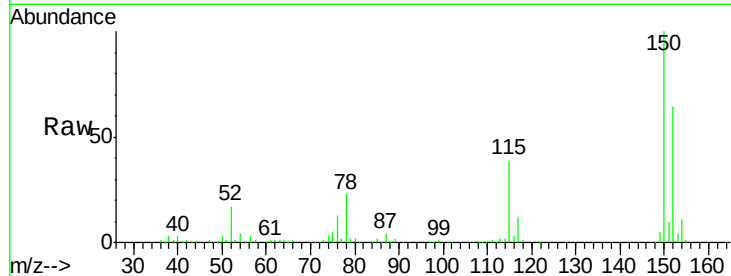
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104435.D
Acq: 11 Apr 2018 13:56

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-015-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	60.1	50.1	75.1

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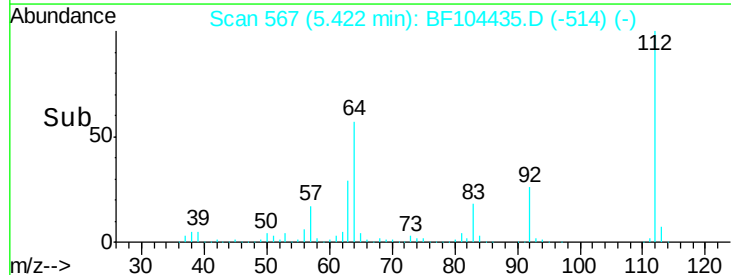
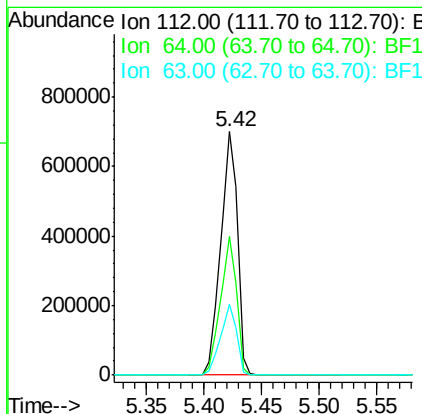
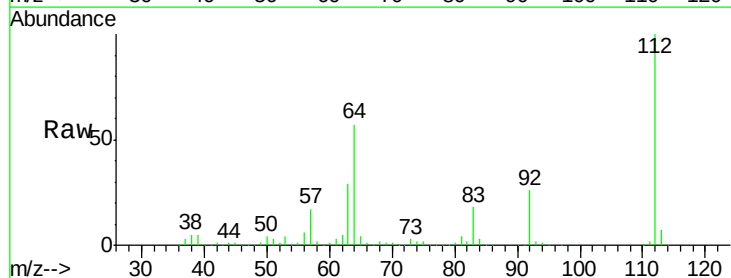
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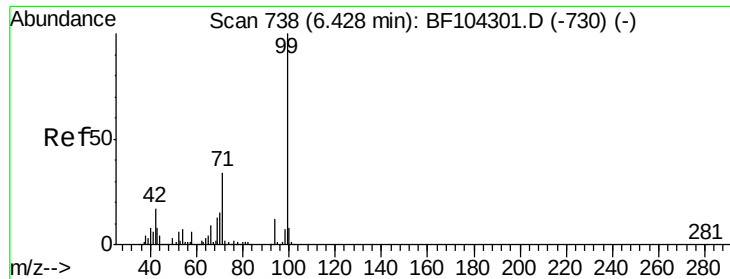


#5

2-Fluorophenol
Concen: 81.868 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104435.D
Acq: 11 Apr 2018 13:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	47.9	71.9
63	28.8	23.7	35.5





#7

Phenol-d6

Concen: 79.104 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF104435.D

Acq: 11 Apr 2018 13:56

Instrument :

BNA_F

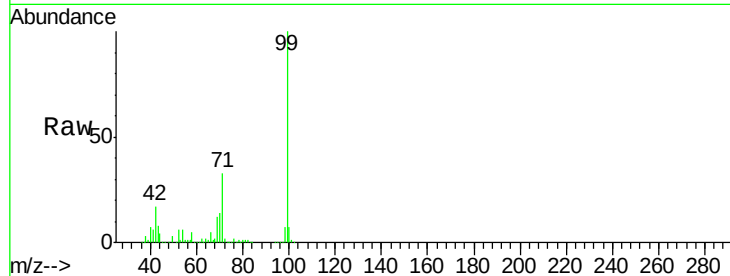
ClientSampleId :

FK-GF-02-015-A

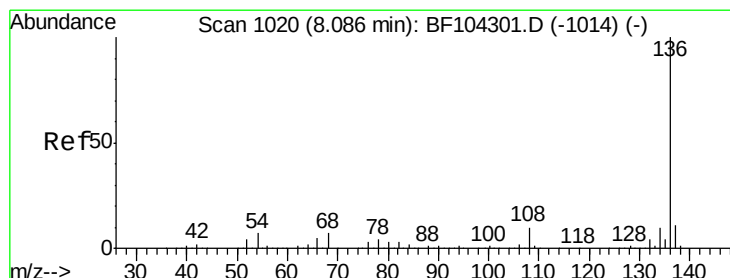
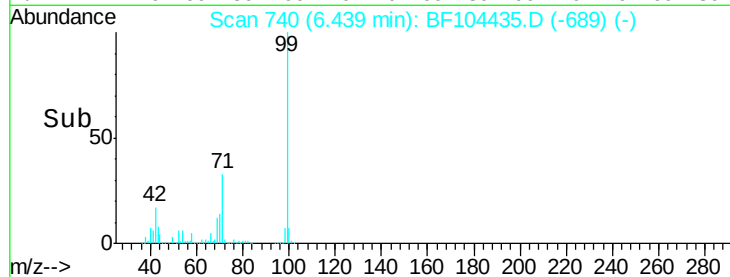
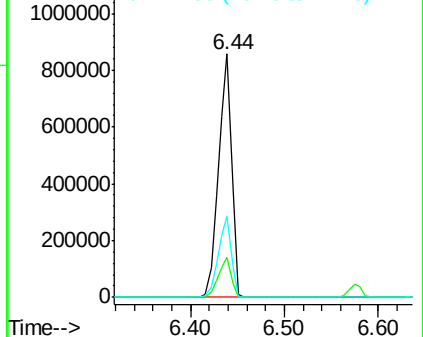
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		837143		
42	16.6	14.5	21.7		
71	33.2	25.4	38.0		

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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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

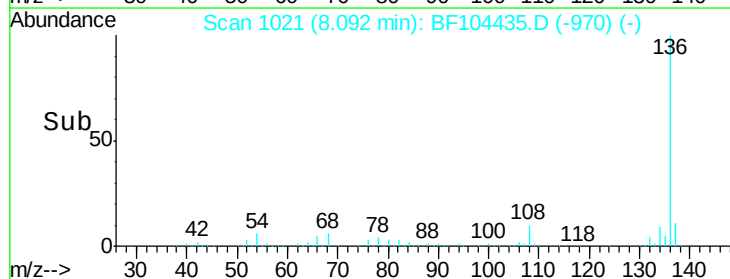
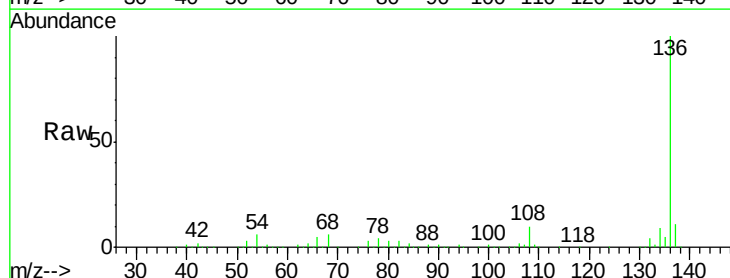
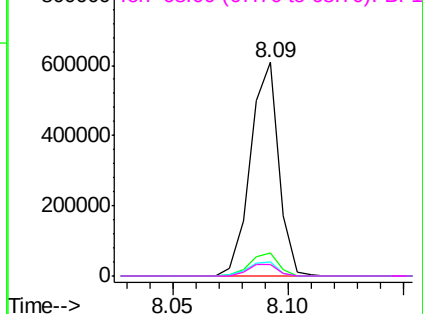
Delta R.T. 0.00 min

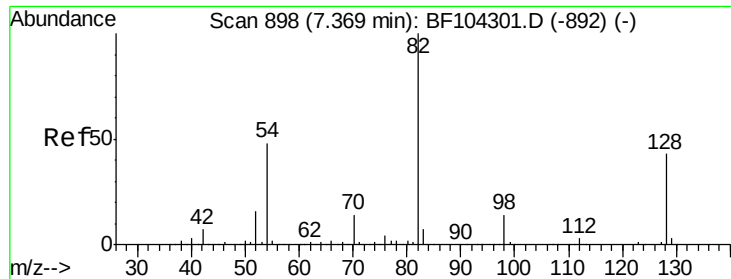
Lab File: BF104435.D

Acq: 11 Apr 2018 13:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		521718		
137	10.8	8.9	13.3		
54	6.4	6.6	9.8		
68	5.7	5.0	7.4		

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





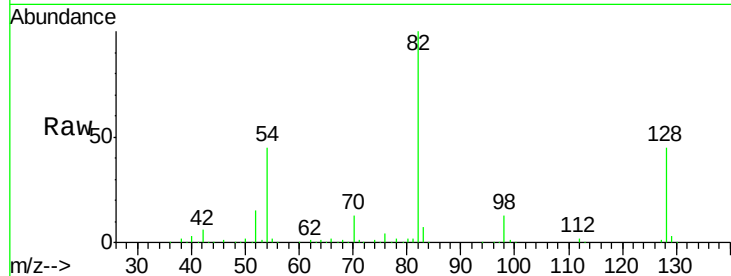
#23
 Nitrobenzene-d5
 Concen: 64.689 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF104435.D
 Acq: 11 Apr 2018 13:56

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-015-A

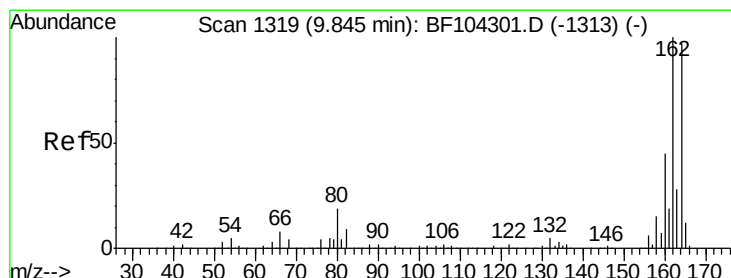
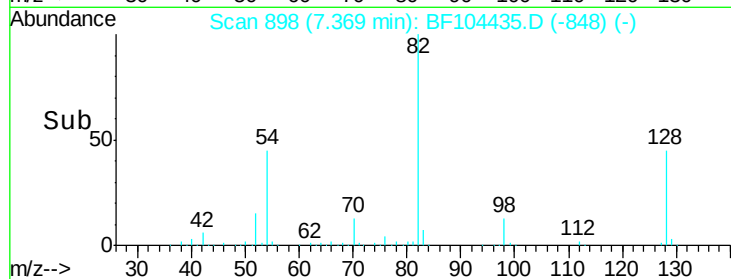
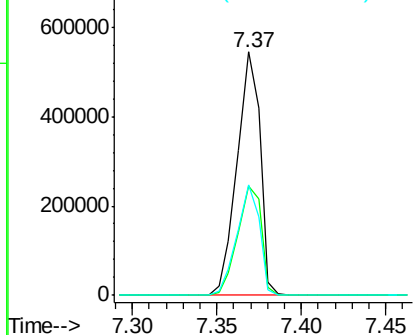
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	45.3	41.4	62.2

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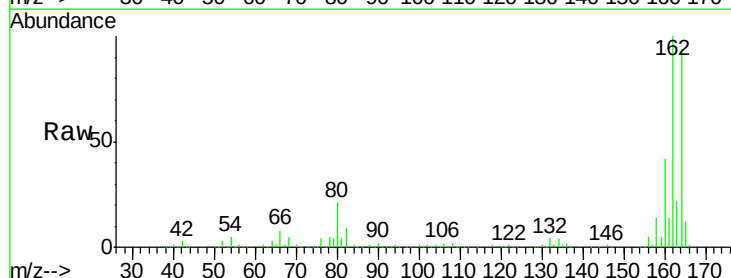


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

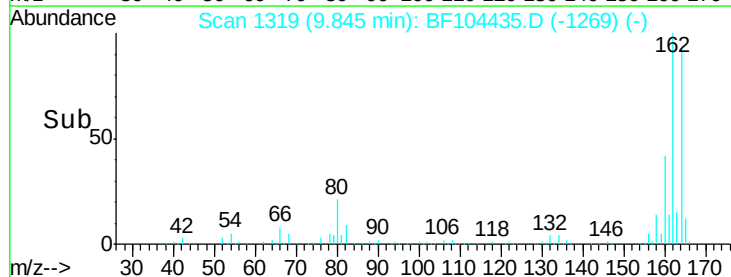
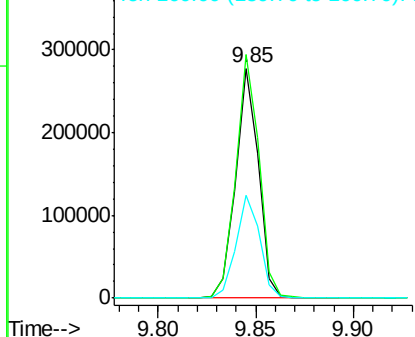


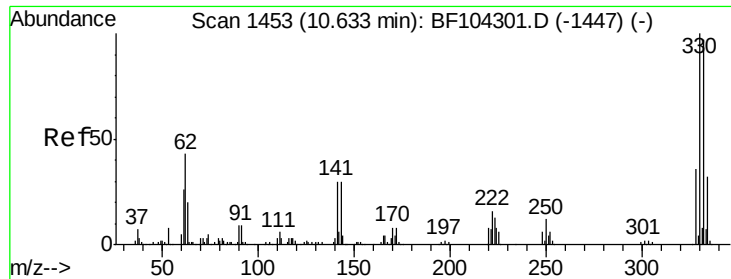
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF104435.D
 Acq: 11 Apr 2018 13:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.1	86.1	129.1
160	45.0	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1





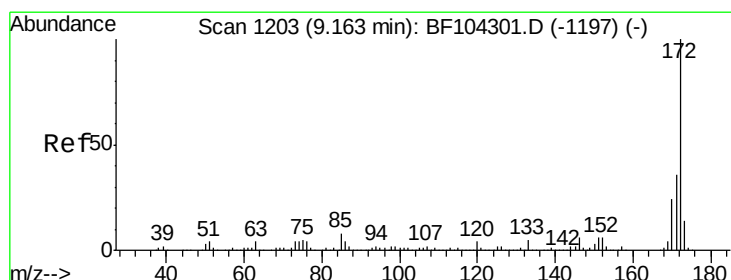
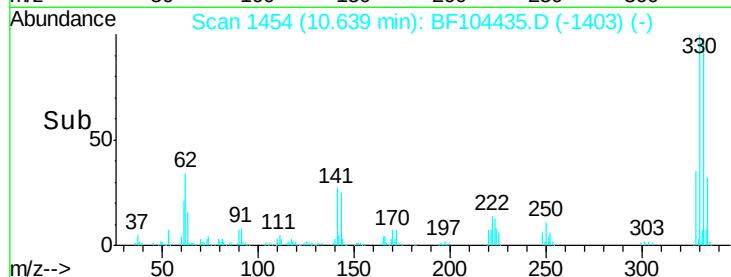
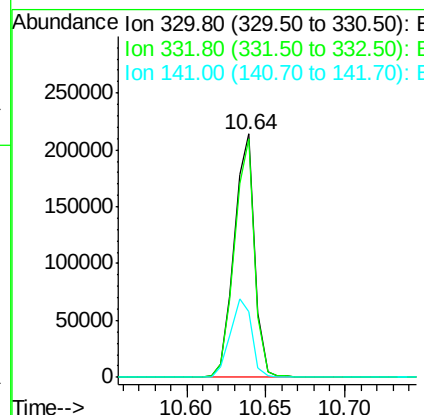
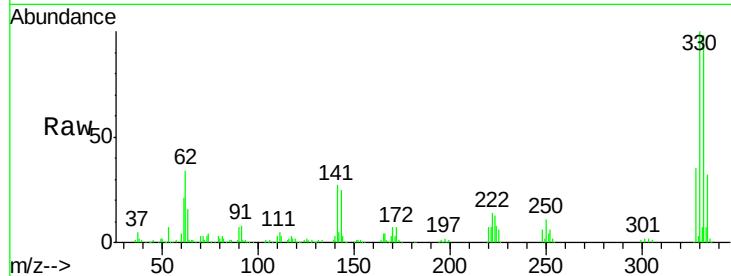
#41
 2,4,6-Tribromophenol
 Concen: 82.492 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF104435.D
 Acq: 11 Apr 2018 13:56

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-015-A

Tot Ion	Ratio	Resp	Lower	Upper
330	100	191673		
332	96.5	77.0	115.6	
141	33.9	29.9	44.9	

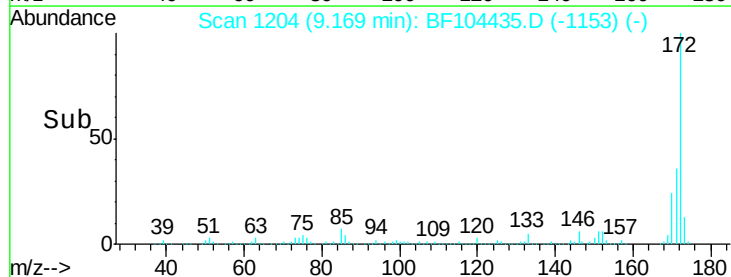
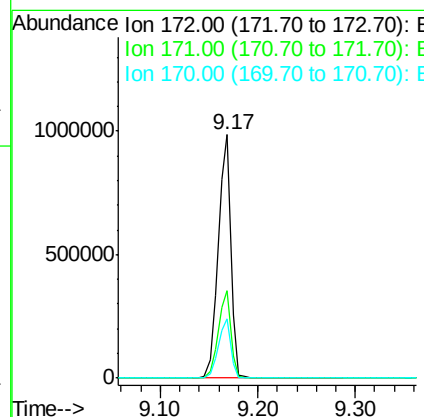
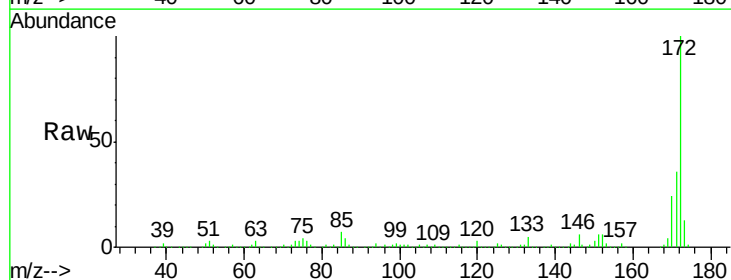
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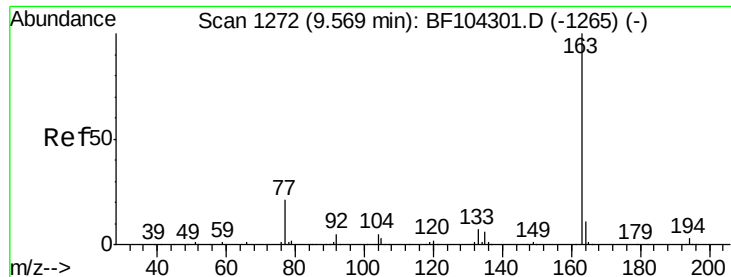
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#44
 2-Fluorobiphenyl
 Concen: 62.043 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF104435.D
 Acq: 11 Apr 2018 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	879706		
171	35.9	29.7	44.5	
170	24.3	19.6	29.4	





#49

Dimethylphthalate

Concen: 3.475 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF104435.D

Acq: 11 Apr 2018 13:56

Instrument :

BNA_F

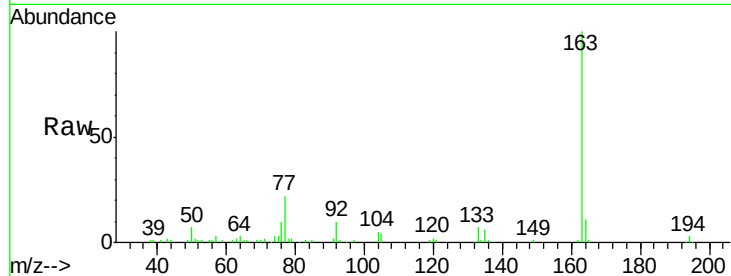
ClientSampleId :

FK-GF-02-015-A

Tot Ion:	163	Resp:	61386
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.7	4.1
164	10.8	8.2	12.2

Manual Integrations
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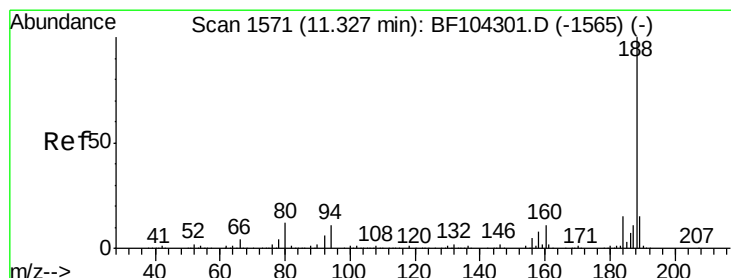
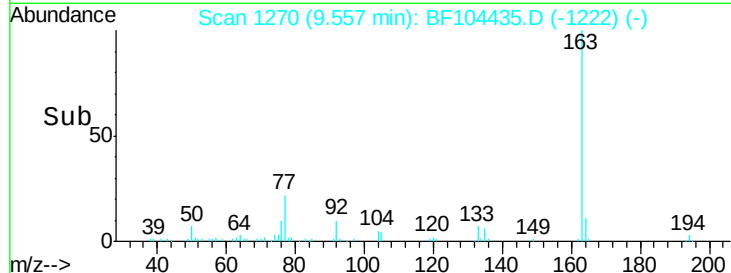
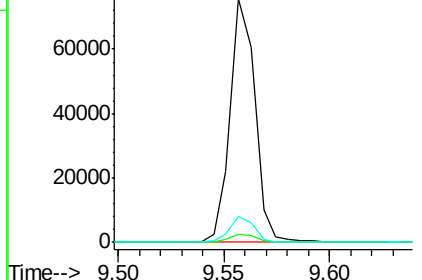
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Abundance Ion 163.00 (162.70 to 163.70): E

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

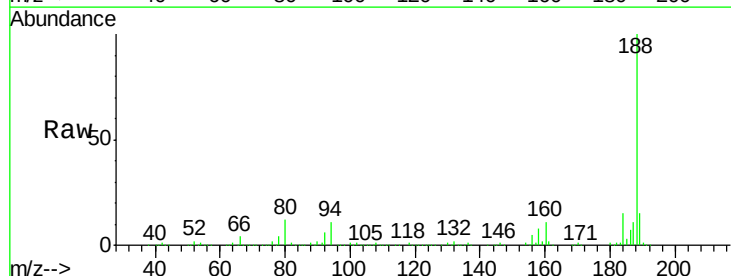
RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF104435.D

Acq: 11 Apr 2018 13:56

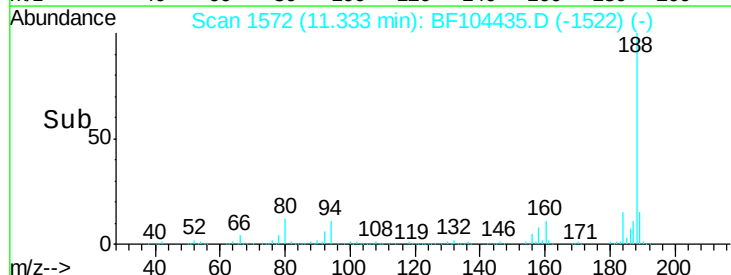
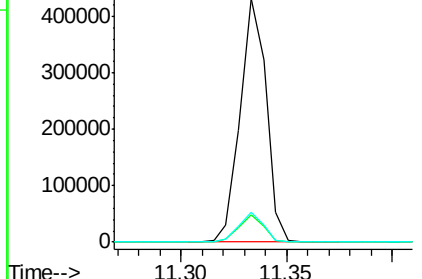
Tgt Ion:	188	Resp:	368725
Ion Ratio	Lower	Upper	
188	100		
94	11.4	8.5	12.7
80	12.4	9.2	13.8

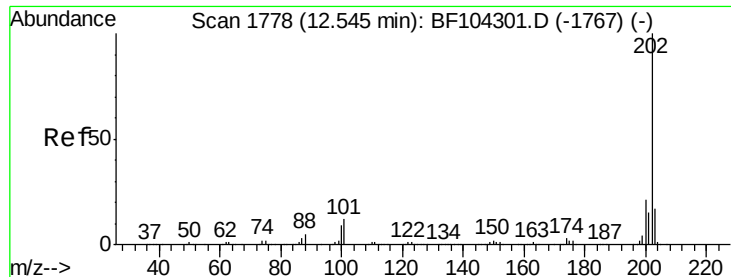


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#74

Fluoranthene

Concen: 2.470 ng

RT: 12.54 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BF104435.D

Acq: 11 Apr 2018 13:56

Instrument :

BNA_F

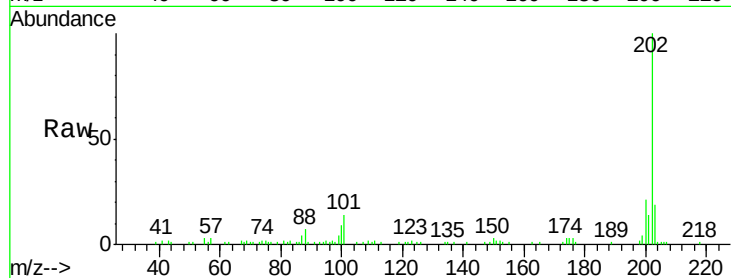
ClientSampleId :

FK-GF-02-015-A

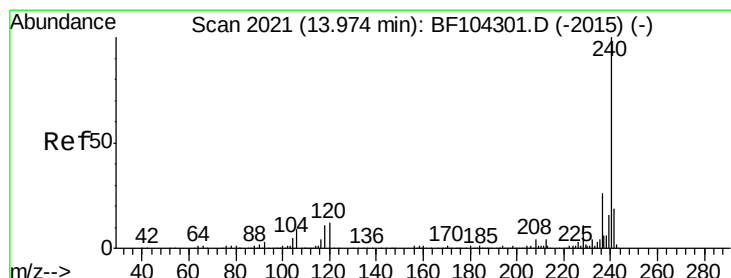
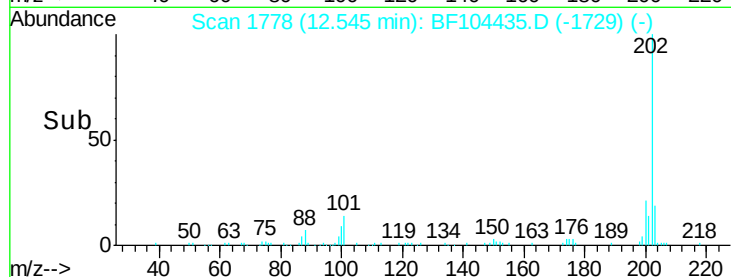
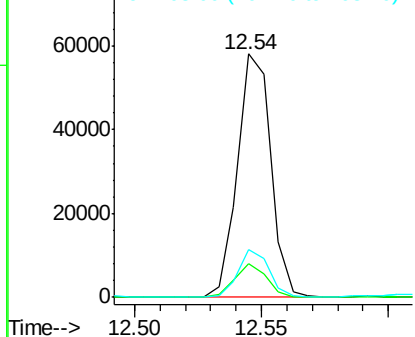
Tot Ion:	202	Resp:	52992
Ion Ratio	Lower	Upper	
202	100		
101	14.0	0.0	34.1
203	19.4	0.0	38.1

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

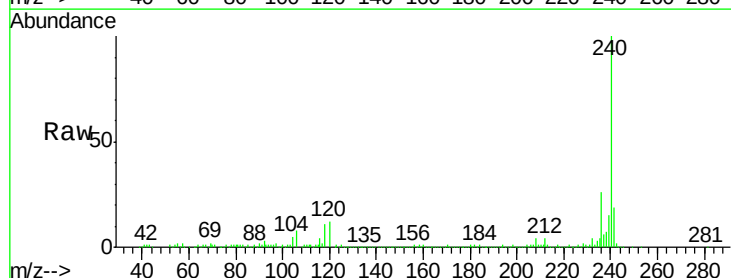
RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

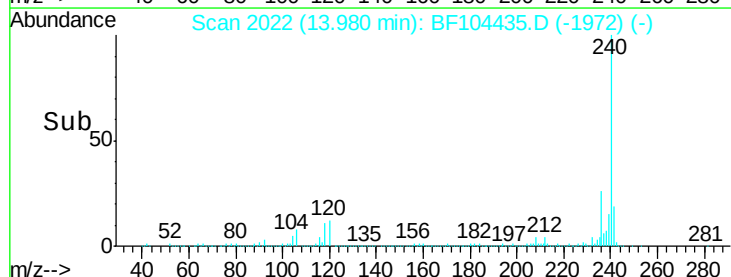
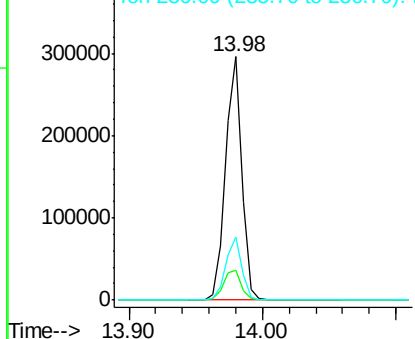
Lab File: BF104435.D

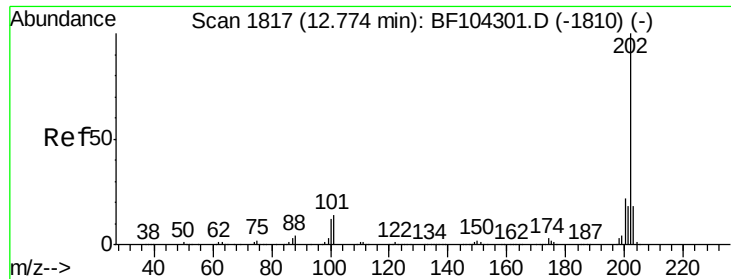
Acq: 11 Apr 2018 13:56

Tgt Ion:	240	Resp:	256989
Ion Ratio	Lower	Upper	
240	100		
120	12.2	9.5	14.3
236	25.7	20.7	31.1



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

Pvrene

Concen: 2.568 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF104435.D

Acq: 11 Apr 2018 13:56

Instrument :

BNA_F

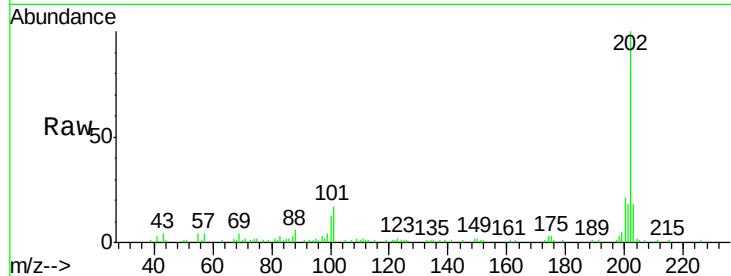
ClientSampleId :

FK-GF-02-015-A

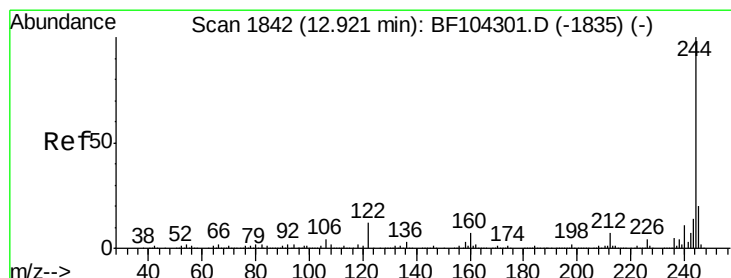
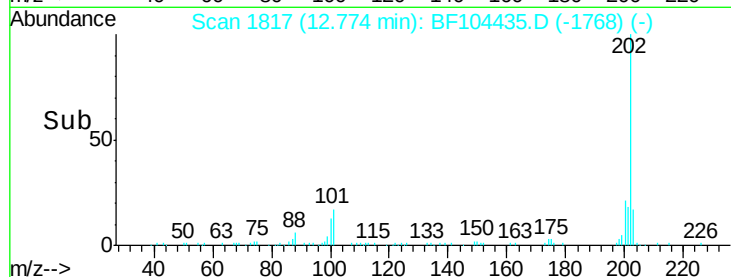
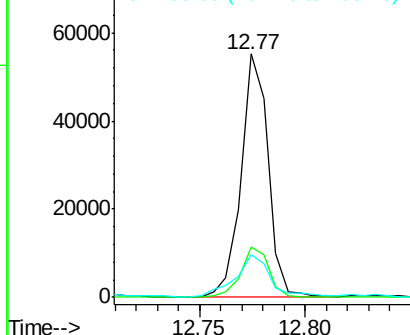
Tot Ion:	202	Resp:	48914
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.4	26.2
203	17.6	14.3	21.5

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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: 58.648 ng

RT: 12.92 min Scan# 1842

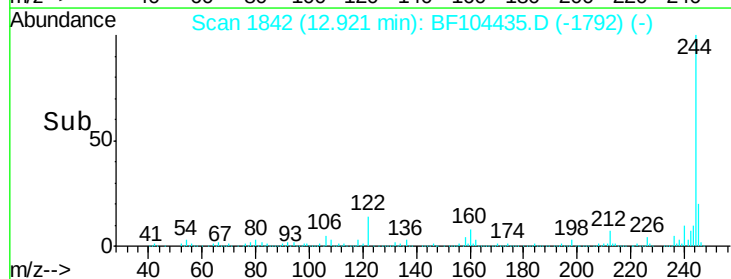
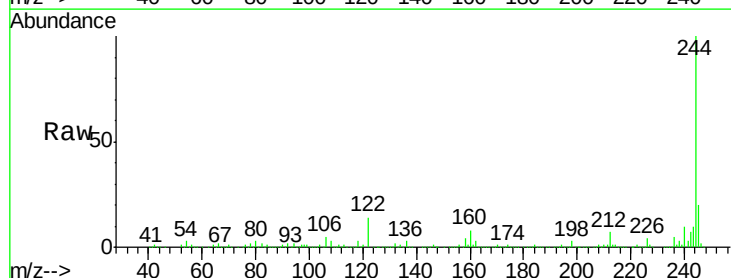
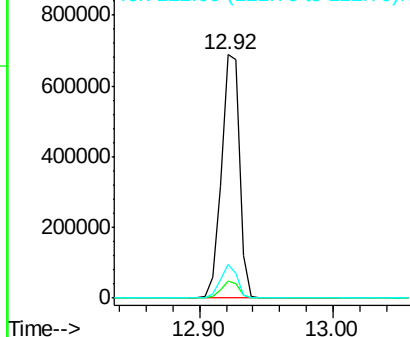
Delta R.T. -0.01 min

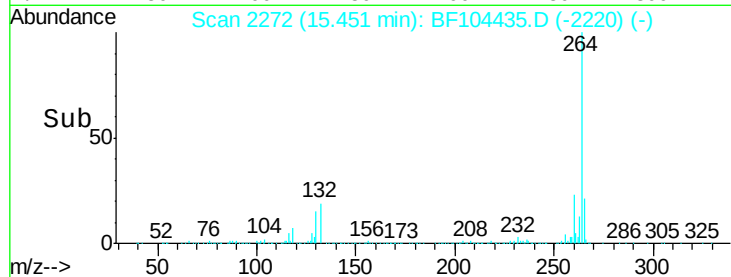
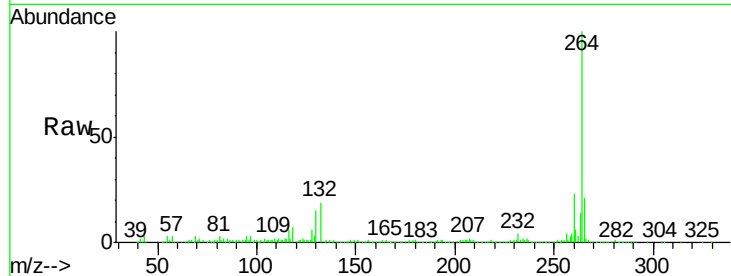
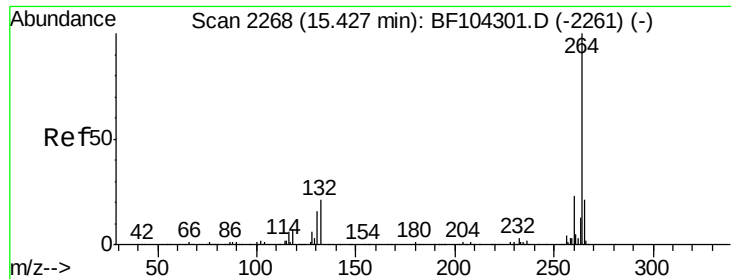
Lab File: BF104435.D

Acq: 11 Apr 2018 13:56

Tgt Ion:	244	Resp:	661099
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.4	8.0
122	13.6	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: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF104435.D
Acq: 11 Apr 2018 13:56

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-015-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.5	17.5	26.3

Manual Integrations
APPROVED

Sohil
4/12/2018 2:30:32 PM

