

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104322.D
 Acq On : 6 Apr 2018 22:49
 Operator : JU/SJ
 Sample : J2212-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-B

Manual Integrations
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Sohil
 4/9/2018 11:18:36 AM

Quant Time: Apr 07 00:26:16 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	140054	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	565189	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	249406	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	386607	20.00	ng	0.00
75) Chrysene-d12	13.97	240	287553	20.00	ng	0.00
86) Perylene-d12	15.43	264	286291	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	865374	94.48	ng	0.00
7) Phenol-d6	6.43	99	1095382	97.33	ng	0.00
23) Nitrobenzene-d5	7.37	82	636156	73.50	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	221058	85.44	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1003346	63.55	ng	0.00
78) Terphenyl-d14	12.92	244	752710	59.68	ng	0.00
Target Compounds						
10) Phenol	6.44	94	36024	3.017	ng	97
49) Dimethylphthalate	9.56	163	133688	6.797	ng	98
74) Fluoranthene	12.54	202	46848	2.083	ng	95
77) Pyrene	12.77	202	52296	2.454	ng	99

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

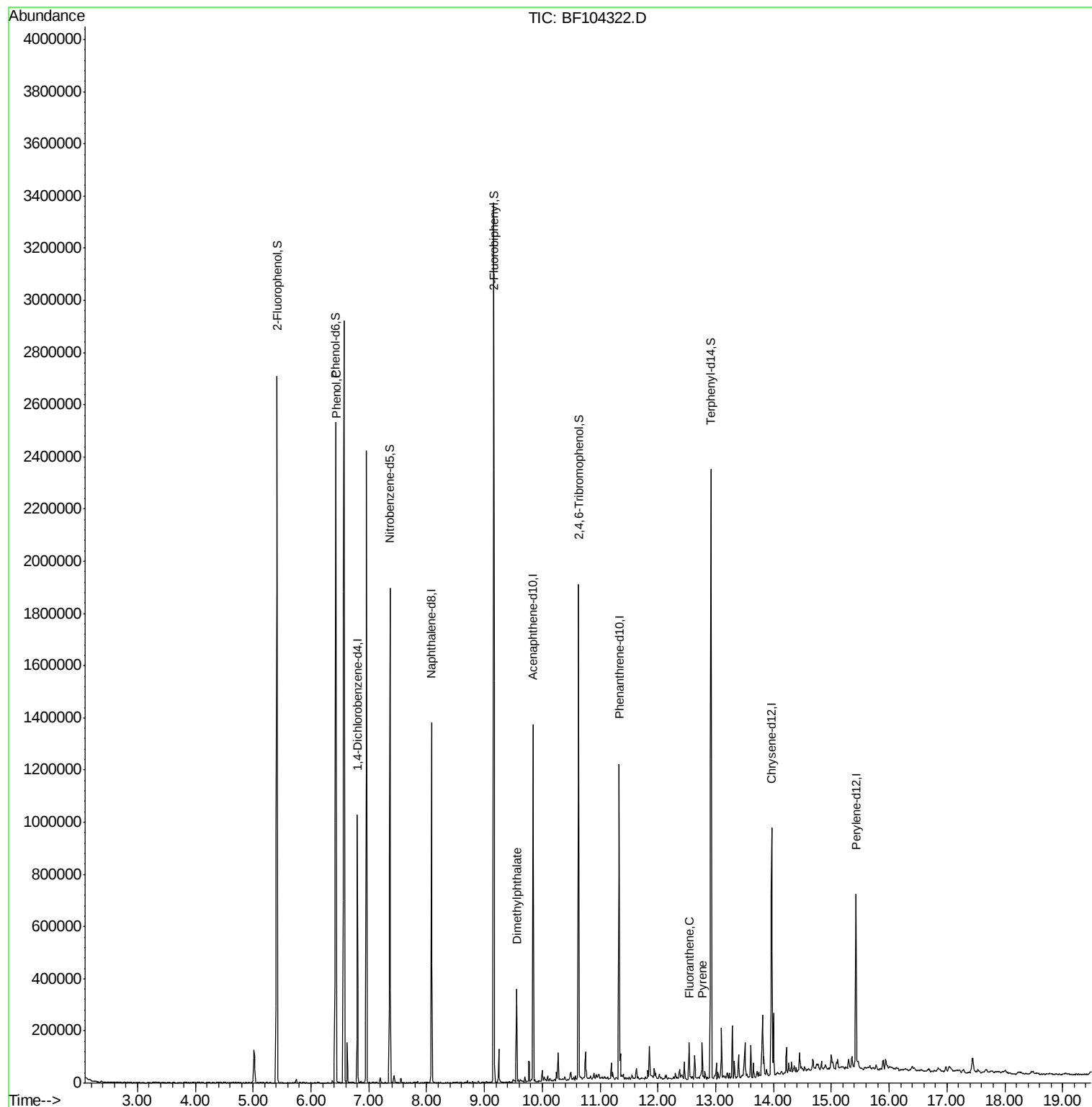
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
Data File : BF104322.D
Acq On : 6 Apr 2018 22:49
Operator : JU/SJ
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Misc :
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#1

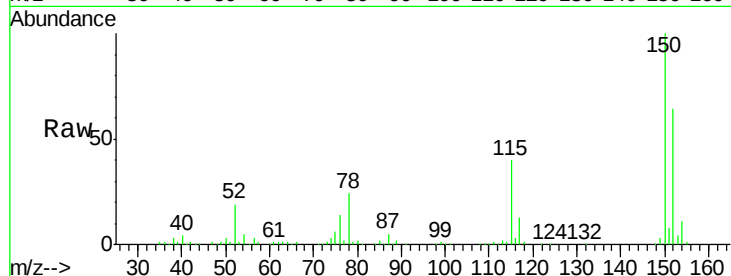
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104322.D
Acq: 6 Apr 2018 22:49

Instrument :
BNA_F
ClientSampled :
SP-1-B

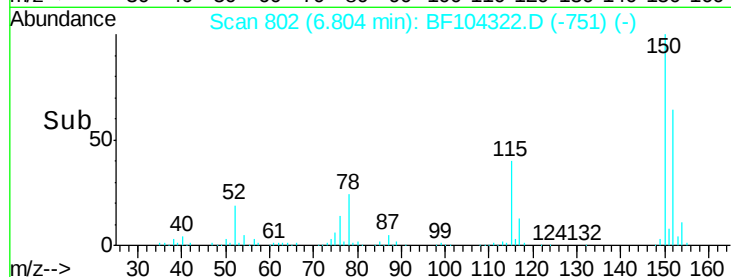
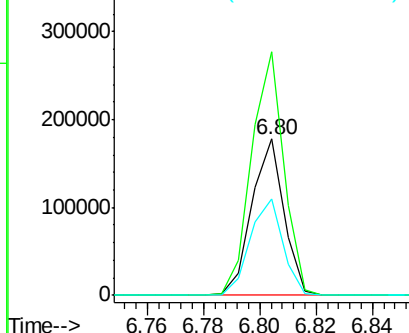
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	62.1	50.1	75.1

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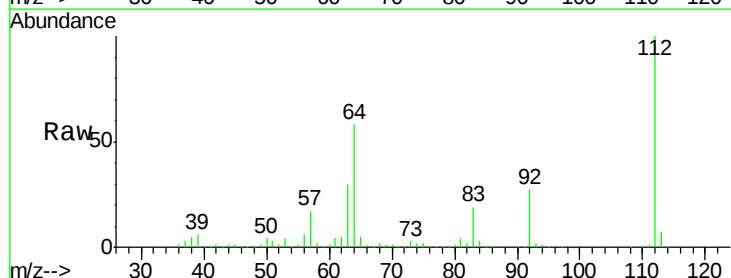
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



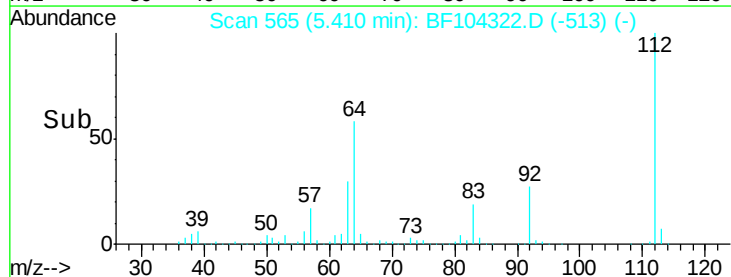
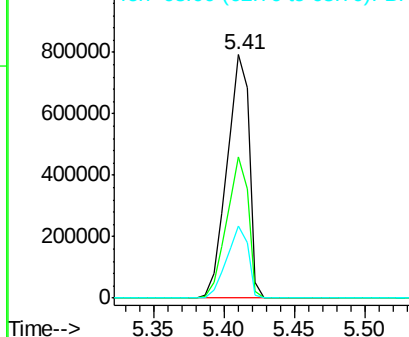
#5

2-Fluorophenol
Concen: 94.478 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF104322.D
Acq: 6 Apr 2018 22:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.9	71.9
63	29.8	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: 97.332 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF104322.D

Acq: 6 Apr 2018 22:49

Instrument :

BNA_F

ClientSampled :

SP-1-B

Tot Ion: 99 Resp: 1095382

Ion Ratio Lower Upper

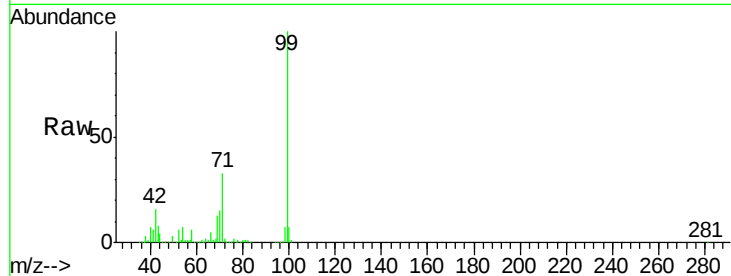
99 100

42 16.4 14.5 21.7

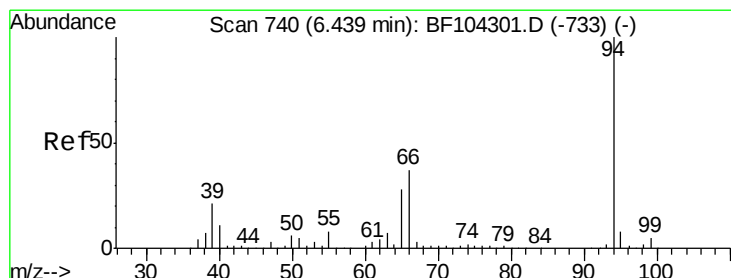
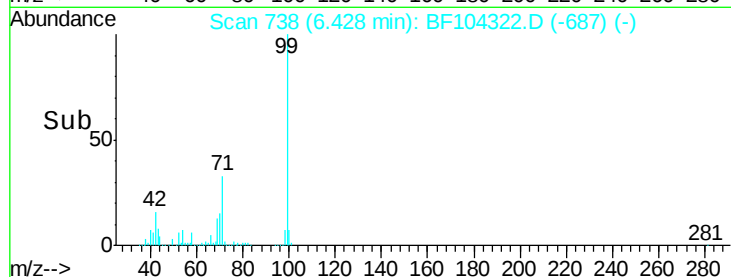
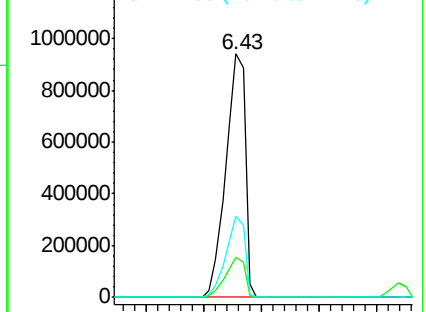
71 33.3 25.4 38.0

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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



#10

Phenol

Concen: 3.017 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF104322.D

Acq: 6 Apr 2018 22:49

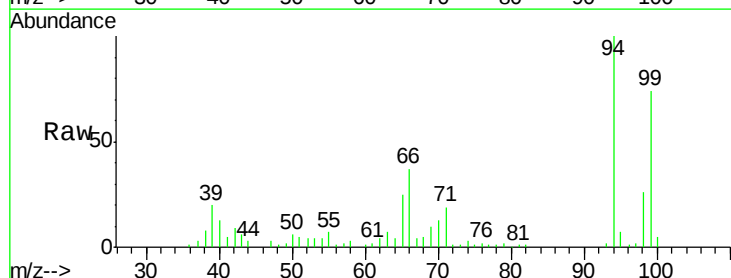
Tgt Ion: 94 Resp: 36024

Ion Ratio Lower Upper

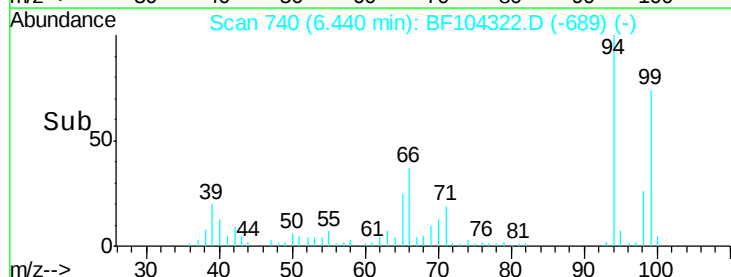
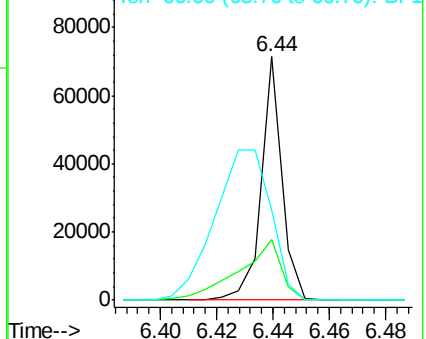
94 100

65 25.0 7.9 47.9

66 37.1 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





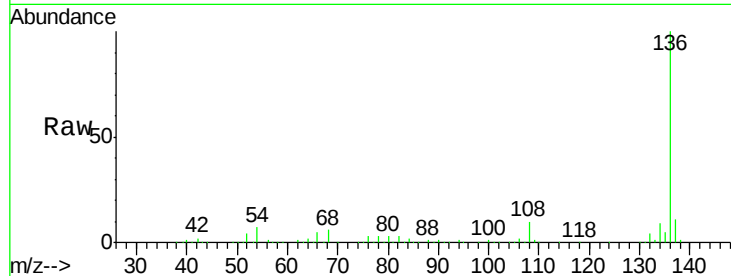
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF104322.D
Acq: 6 Apr 2018 22:49

Instrument :
BNA_F
ClientSampled :
SP-1-B

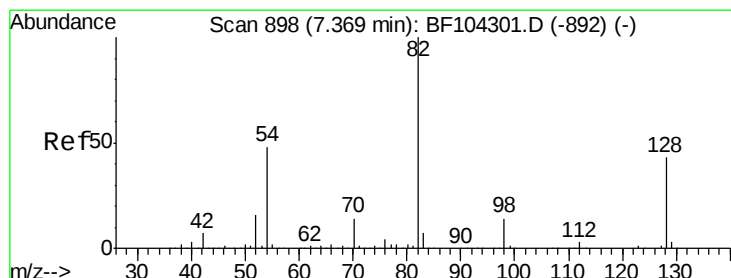
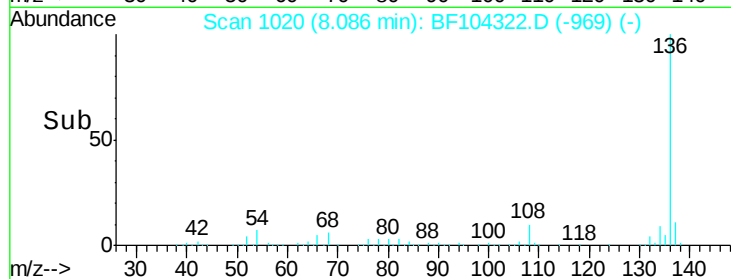
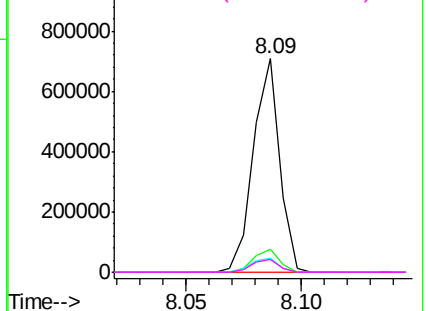
Tot Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.9	6.6	9.8
68	5.8	5.0	7.4

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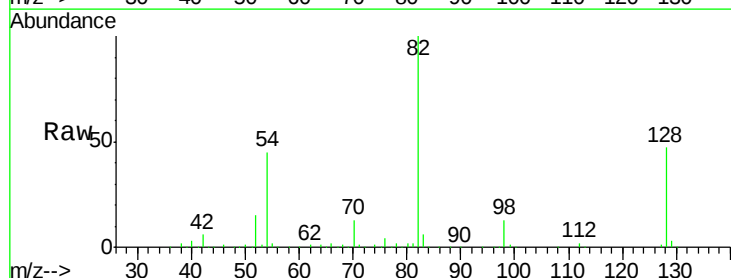


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

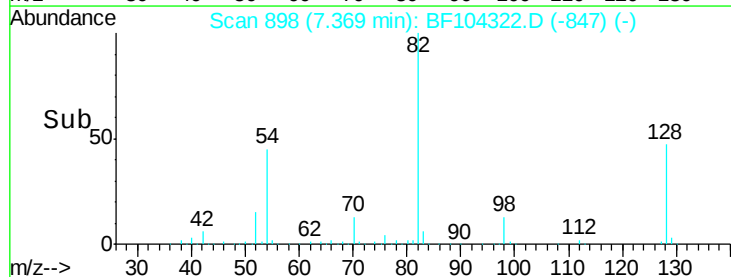
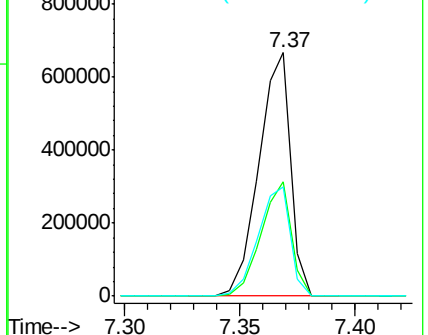


#23
Nitrobenzene-d5
Concen: 73.497 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF104322.D
Acq: 6 Apr 2018 22:49

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.1	54.1
54	45.1	41.4	62.2



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





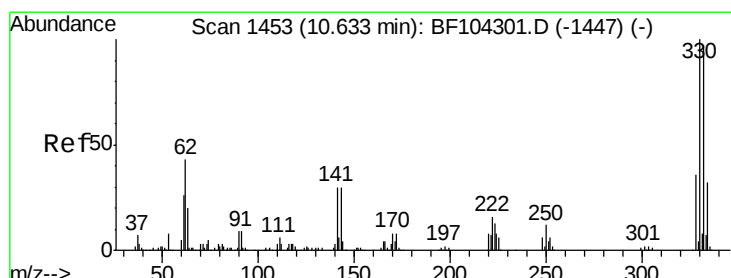
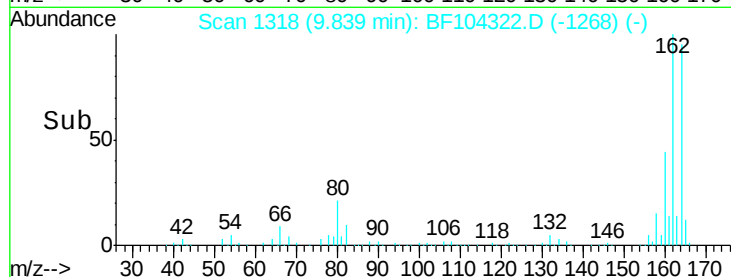
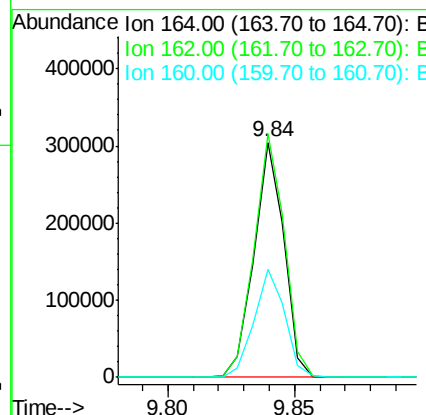
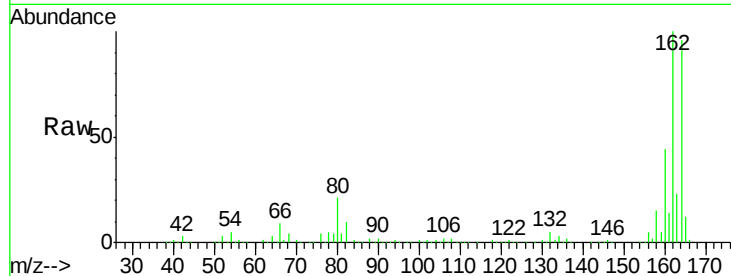
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104322.D
 Acq: 6 Apr 2018 22:49

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-B

Tot Ion	Ratio	Resp	Lower	Upper
164	100	249406		
162	103.8	86.1	129.1	
160	45.8	38.3	57.5	

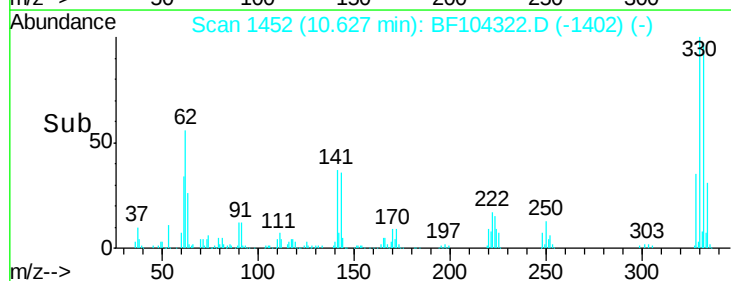
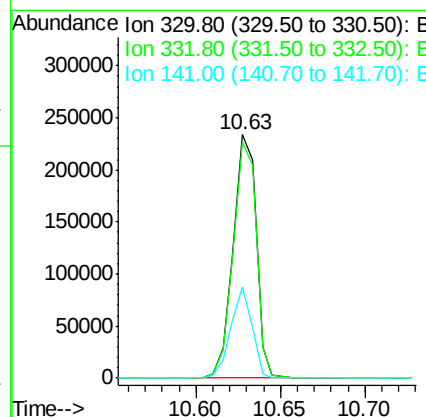
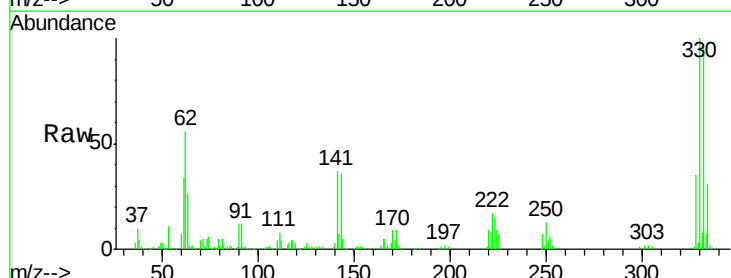
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#41
 2,4,6-Tribromophenol
 Concen: 85.444 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF104322.D
 Acq: 6 Apr 2018 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	221058		
332	97.9	77.0	115.6	
141	35.0	29.9	44.9	





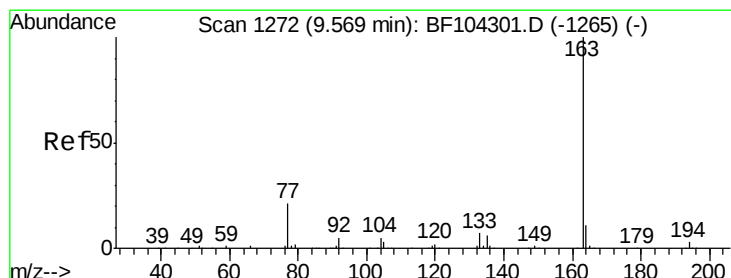
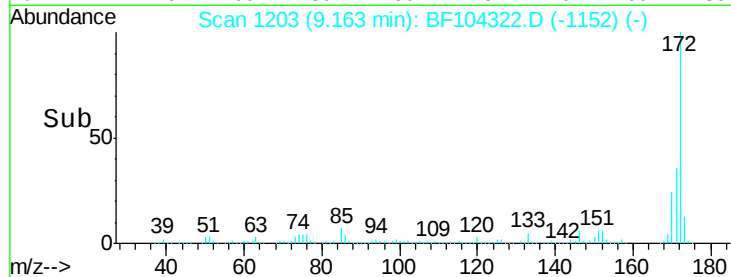
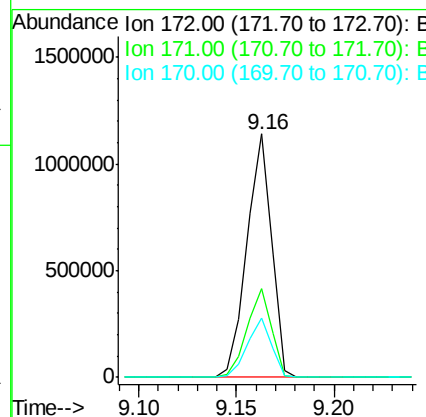
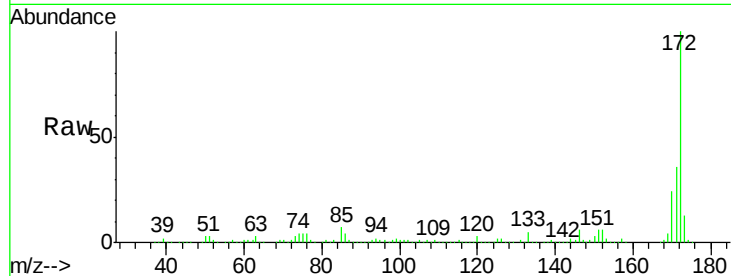
#44
2-Fluorobiphenyl
Concen: 63.552 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF104322.D
Acq: 6 Apr 2018 22:49

Instrument :
BNA_F
ClientSampled :
SP-1-B

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.5	29.7	44.5	
170	24.1	19.6	29.4	

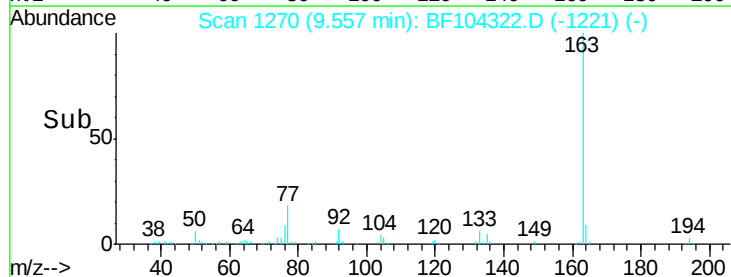
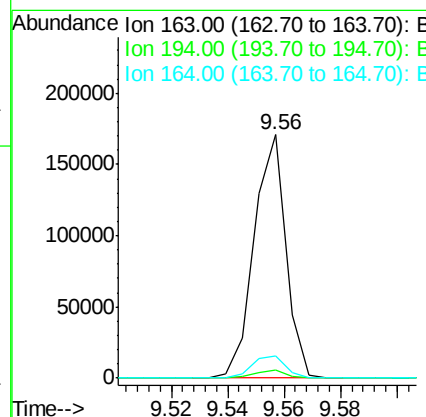
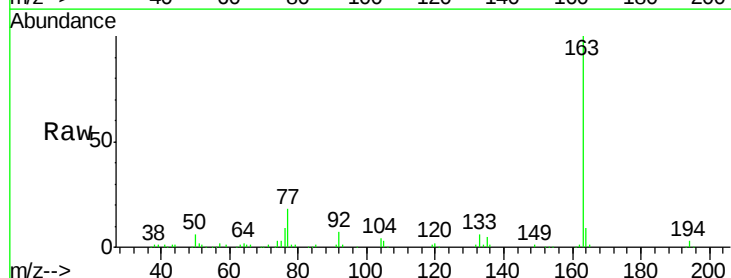
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#49
Dimethylphthalate
Concen: 6.797 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104322.D
Acq: 6 Apr 2018 22:49

Tgt Ion	Ion	Ratio	Lower	Upper
163	100			
194	3.4	2.7	4.1	
164	9.4	8.2	12.2	





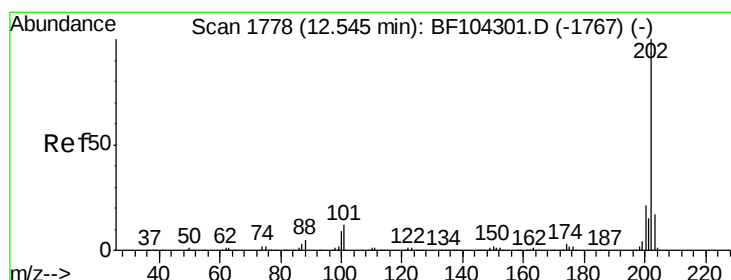
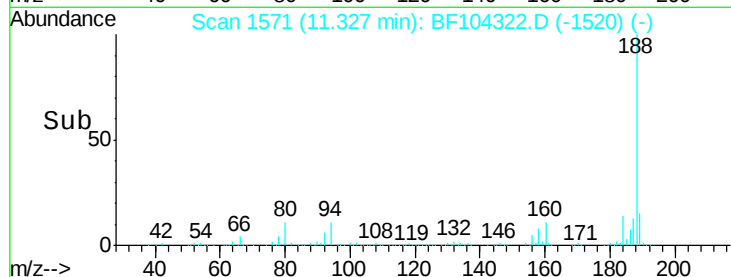
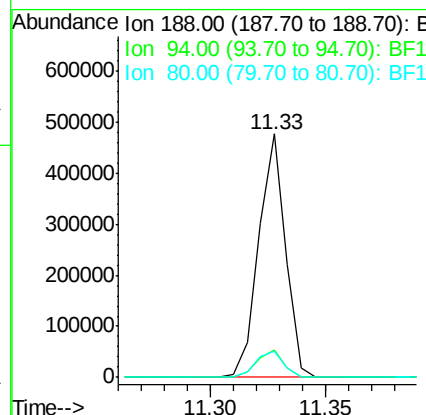
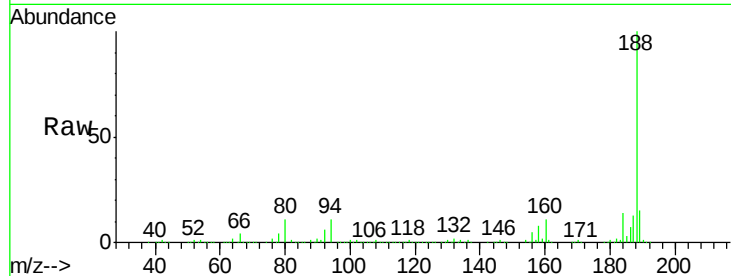
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF104322.D
Acq: 6 Apr 2018 22:49

Instrument :
BNA_F
ClientSampled :
SP-1-B

Tot Ion	Ratio	Resp	Lower	Upper
188	100	386607		
94	11.1		8.5	12.7
80	10.8		9.2	13.8

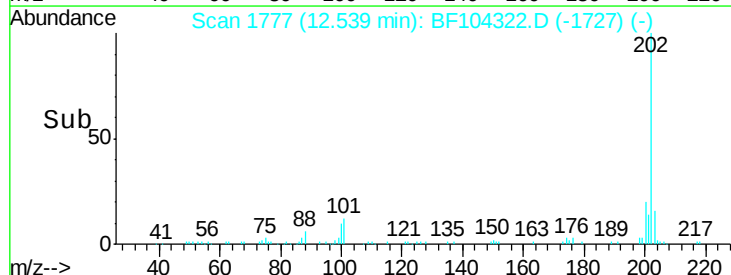
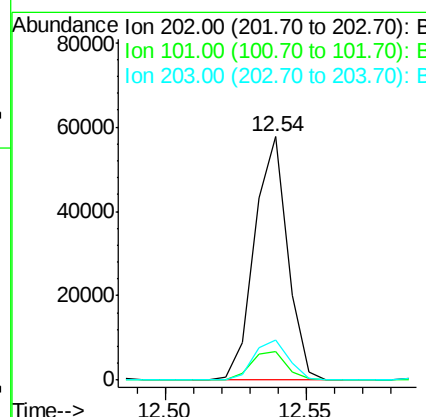
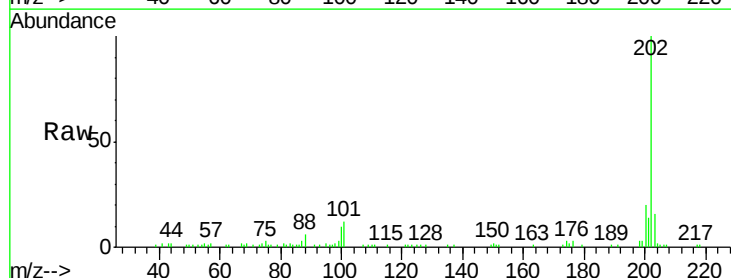
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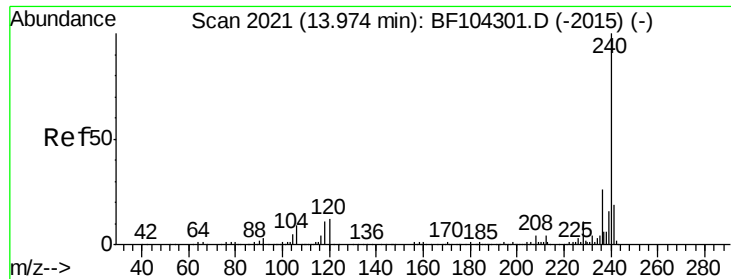
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#74
Fluoranthene
Concen: 2.083 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BF104322.D
Acq: 6 Apr 2018 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	46848		
101	12.0		0.0	34.1
203	16.3		0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF104322.D

Acq: 6 Apr 2018 22:49

Instrument :

BNA_F

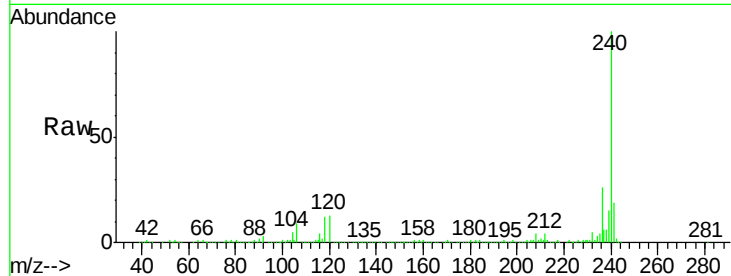
ClientSampleId :

SP-1-B

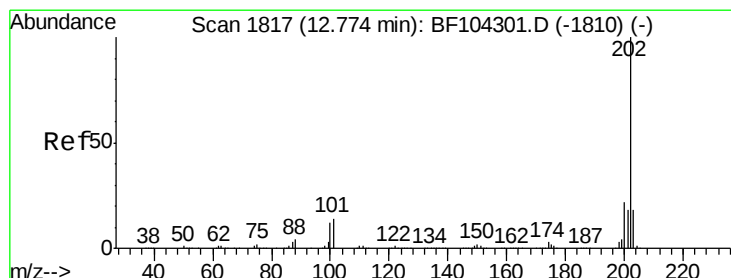
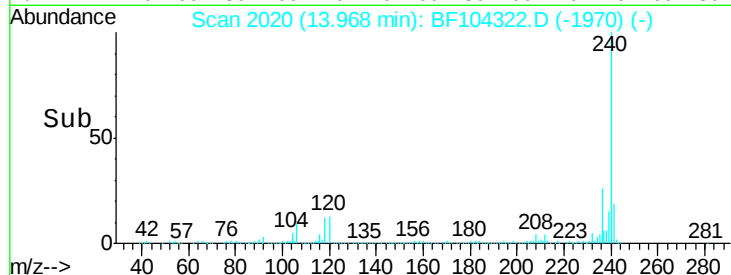
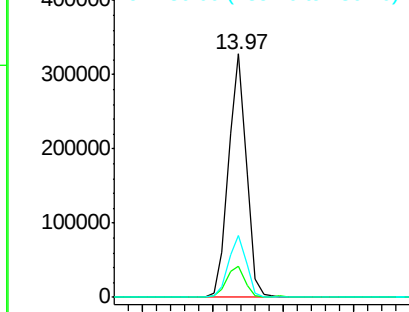
Tot Ion:	240	Resp:	287553
Ion Ratio	Lower	Upper	
240	100		
120	12.7	9.5	14.3
236	25.6	20.7	31.1

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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



#77

Pyrene

Concen: 2.454 ng

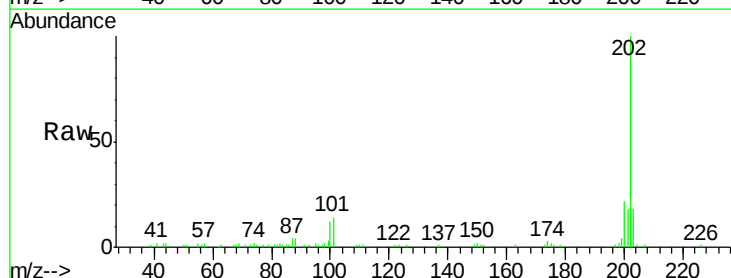
RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

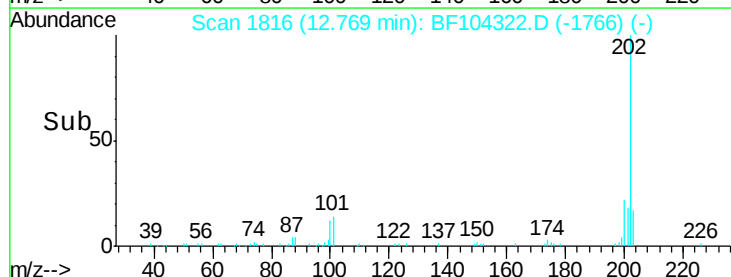
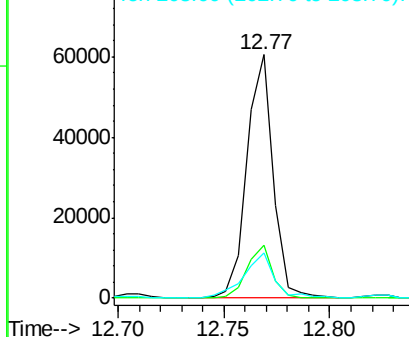
Lab File: BF104322.D

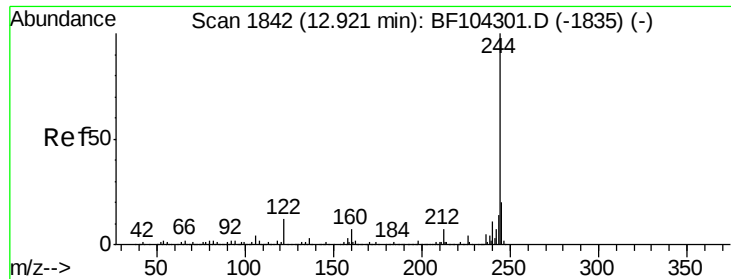
Acq: 6 Apr 2018 22:49

Tgt Ion:	202	Resp:	52296
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.4	26.2
203	18.4	14.3	21.5



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





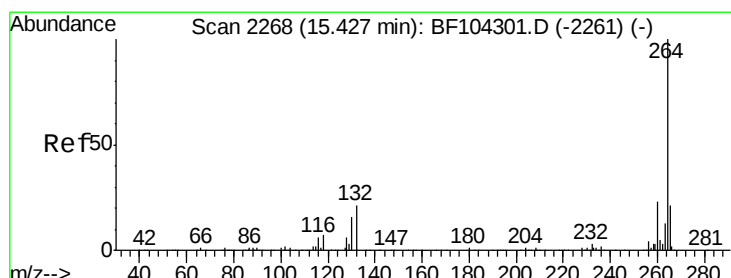
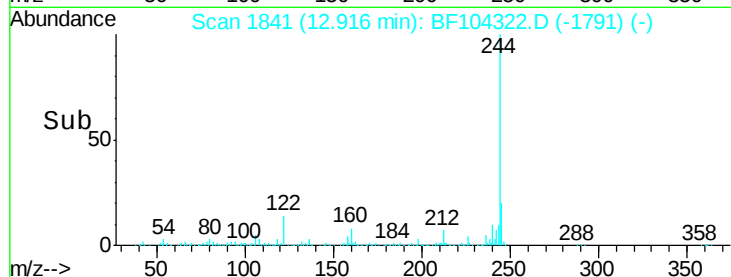
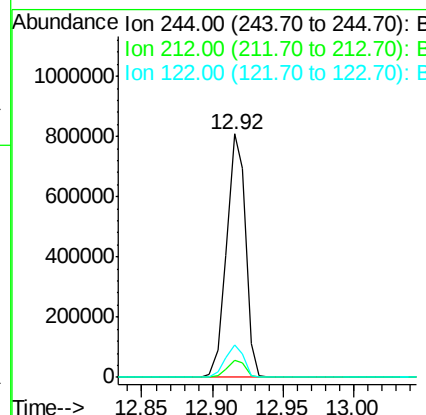
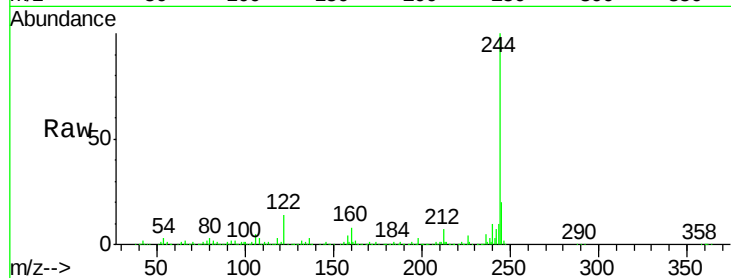
#78
 Terphenyl-d14
 Concen: 59.678 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104322.D
 Acq: 6 Apr 2018 22:49

Instrument :
 BNA_F
 ClientSampled :
 SP-1-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.5	11.0	16.4

Manual Integrations
 APPROVED

Sohil
 4/9/2018 11:18:36 AM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: BF104322.D
 Acq: 6 Apr 2018 22:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.1	17.5	26.3

