

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041818\
 Data File : BF104603.D
 Acq On : 18 Apr 2018 15:57
 Operator : JU/SJ
 Sample : J2425-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-3

Manual Integrations
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Sohil
 4/19/2018 12:43:11 PM

Quant Time: Apr 18 16:50:20 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	124512	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	490933	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	194000	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	279617	20.00	ng	0.00
75) Chrysene-d12	13.97	240	274774	20.00	ng	0.00
86) Perylene-d12	15.44	264	294771	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	808777	99.32	ng	0.00
7) Phenol-d6	6.44	99	971784	97.13	ng	0.00
23) Nitrobenzene-d5	7.37	82	592438	78.80	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	183822	91.34	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	922683	75.13	ng	0.00
78) Terphenyl-d14	12.92	244	696866	57.82	ng	0.00
Target Compounds						
10) Phenol	6.45	94	21362	2.012	ng	98
49) Dimethylphthalate	9.56	163	92391	6.039	ng	99
74) Fluoranthene	12.54	202	64193	3.946	ng	99
77) Pyrene	12.77	202	52910	2.598	ng	99

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

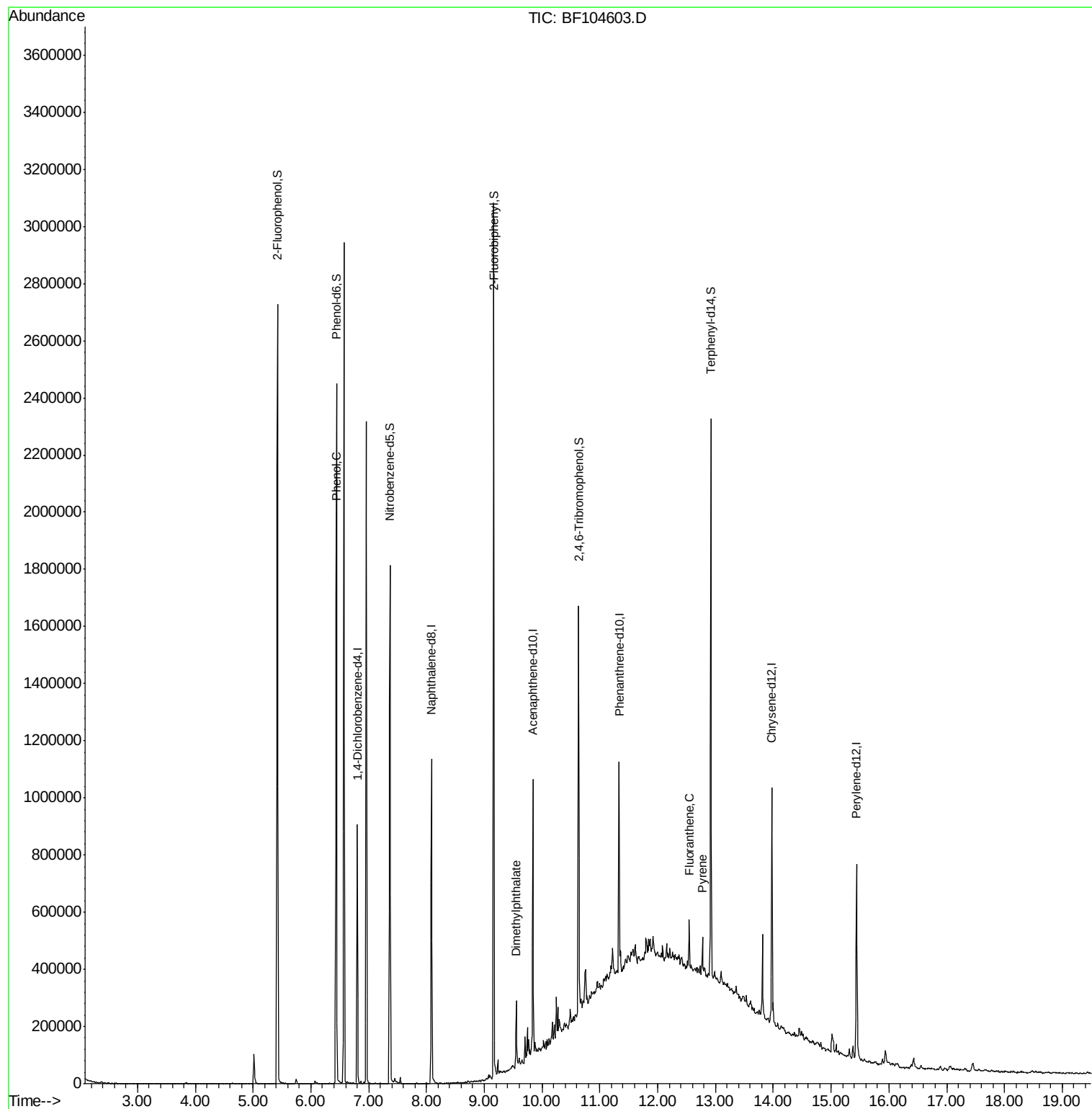
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041818\
Data File : BF104603.D
Acq On : 18 Apr 2018 15:57
Operator : JU/SJ
Sample : J2425-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

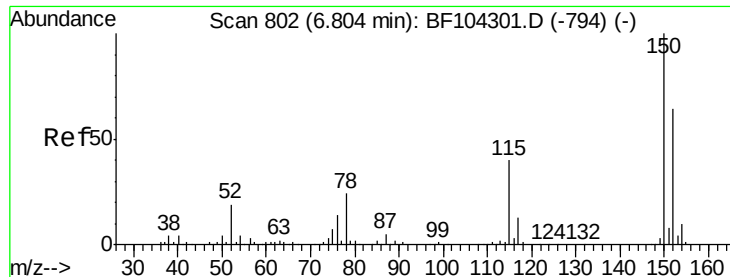
Instrument :
BNA_F
ClientSampled :
T-3

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Quant Time: Apr 18 16:50:20 2018
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#1

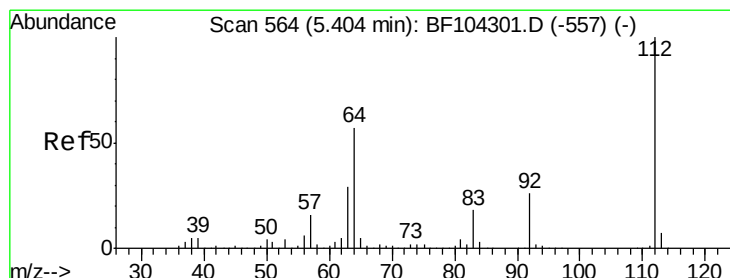
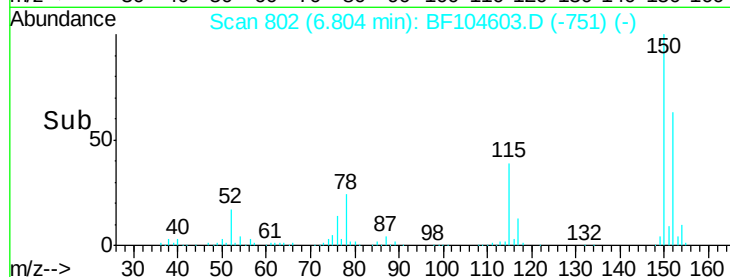
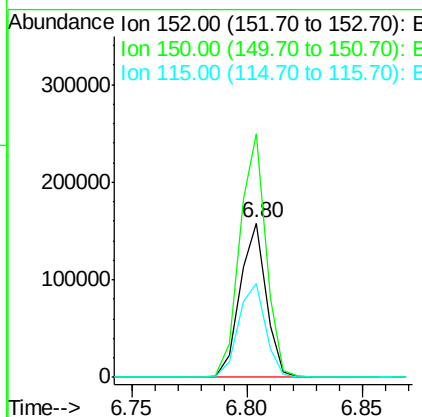
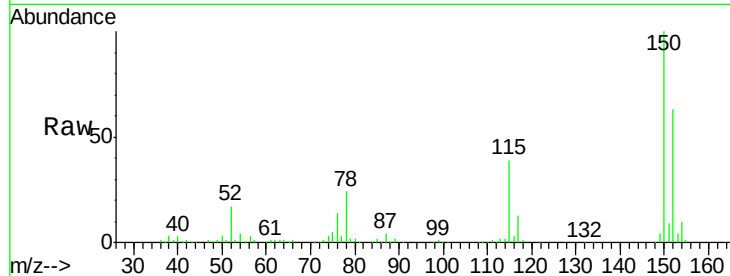
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104603.D
Acq: 18 Apr 2018 15:57

Instrument :
BNA_F
ClientSampled :
T-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	60.9	50.1	75.1

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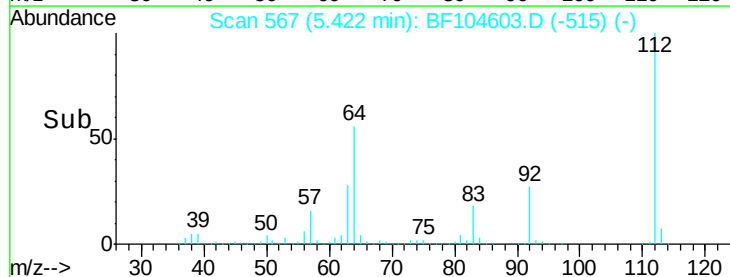
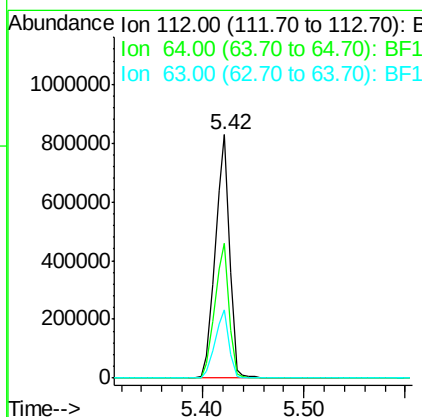
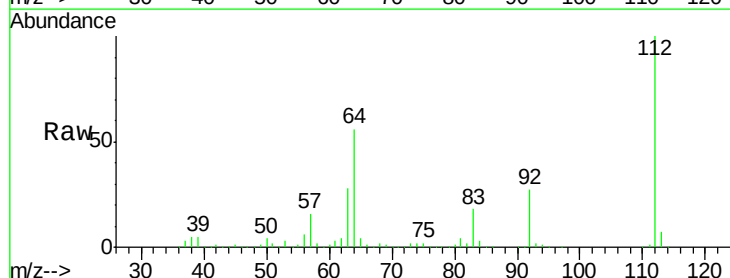
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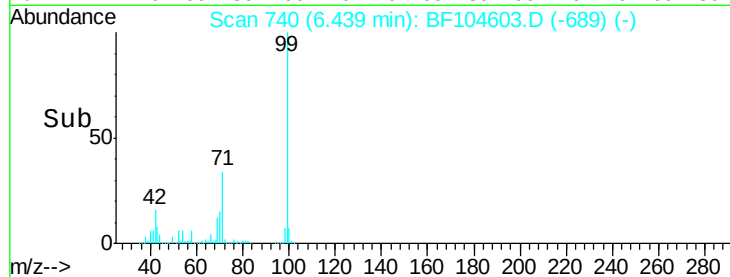
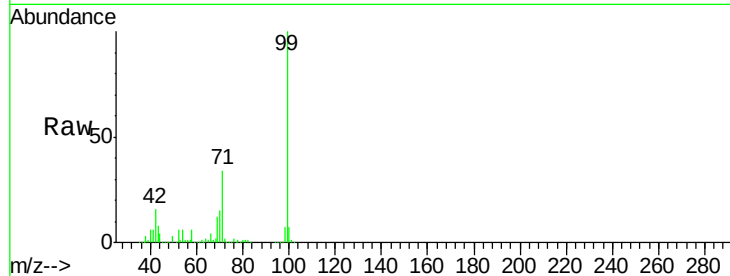
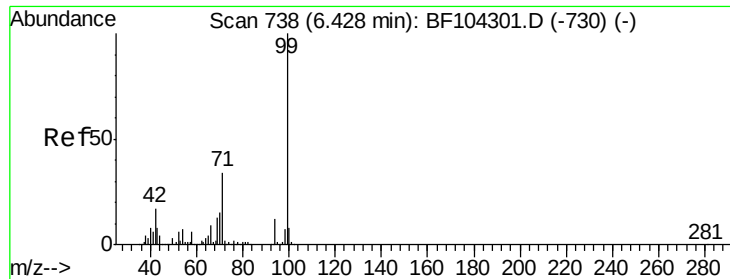


#5

2-Fluorophenol
Concen: 99.321 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104603.D
Acq: 18 Apr 2018 15:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	47.9	71.9
63	28.2	23.7	35.5





#7

Phenol-d6

Concen: 97.128 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF104603.D

Acq: 18 Apr 2018 15:57

Tot Ion:	99	Resp:	971784
Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.5	21.7
71	33.8	25.4	38.0

Instrument :

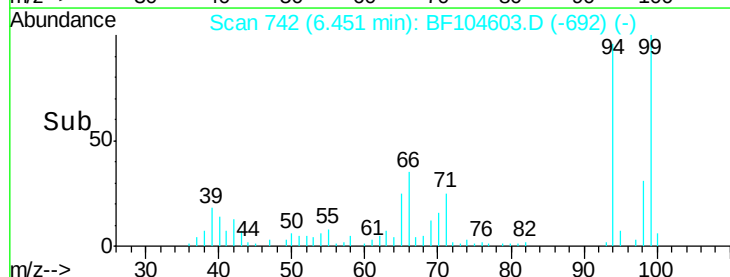
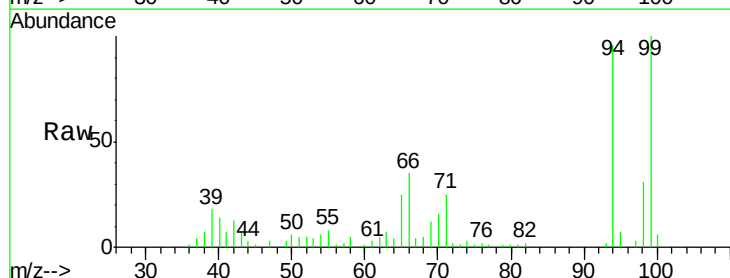
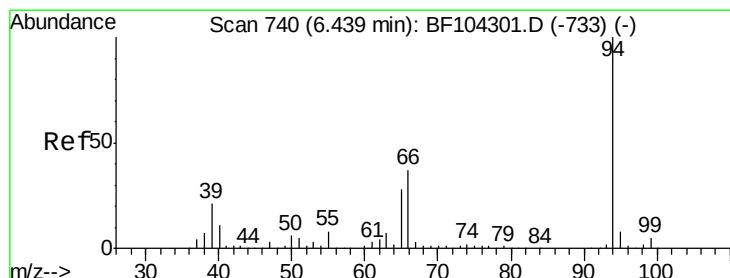
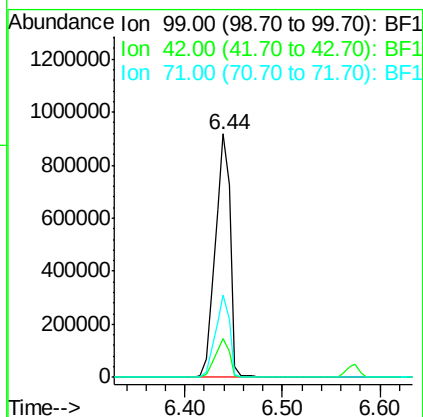
BNA_F

ClientSampled :

T-3

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#10

Phenol

Concen: 2.012 ng

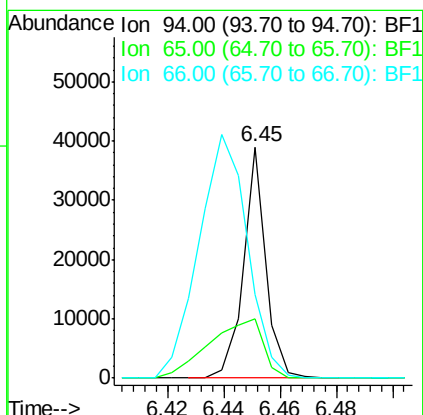
RT: 6.45 min Scan# 742

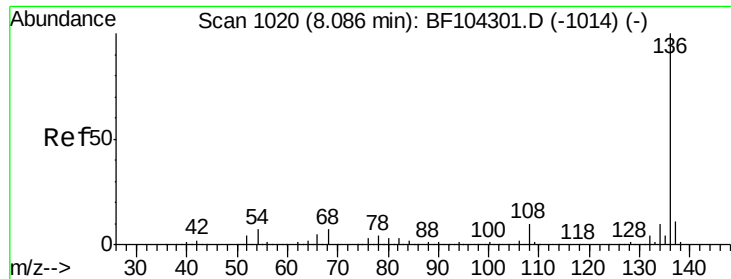
Delta R.T. -0.01 min

Lab File: BF104603.D

Acq: 18 Apr 2018 15:57

Tgt Ion:	94	Resp:	21362
Ion	Ratio	Lower	Upper
94	100		
65	25.6	7.9	47.9
66	36.5	16.2	56.2





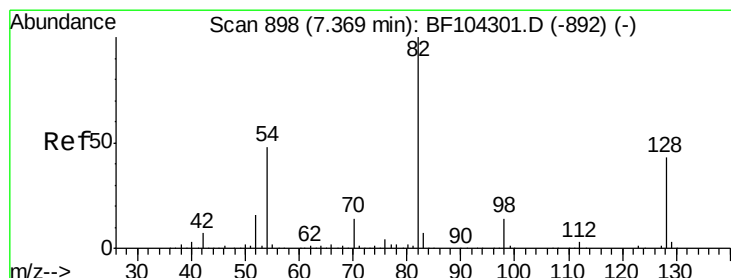
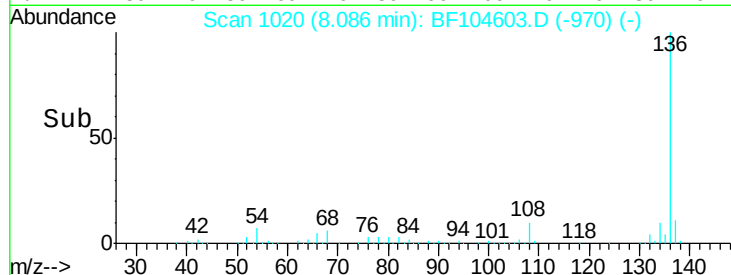
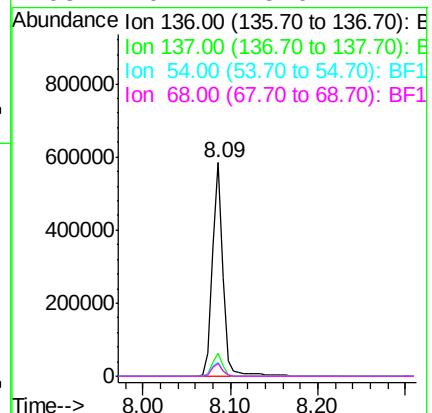
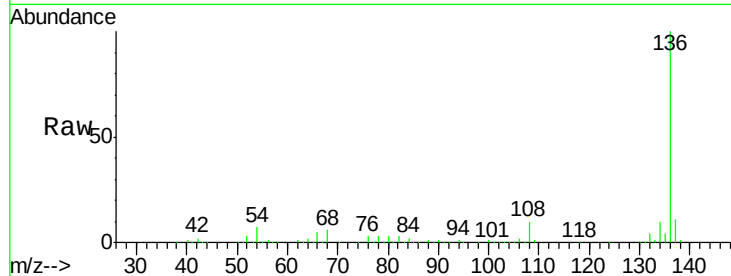
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF104603.D
Acq: 18 Apr 2018 15:57

Instrument :
BNA_F
ClientSampleId :
T-3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		490933		
137	10.9		8.9	13.3	
54	6.7		6.6	9.8	
68	6.1		5.0	7.4	

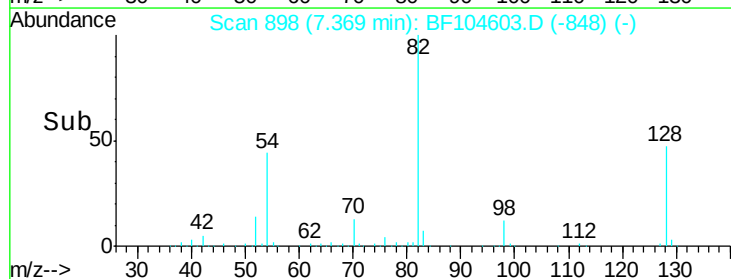
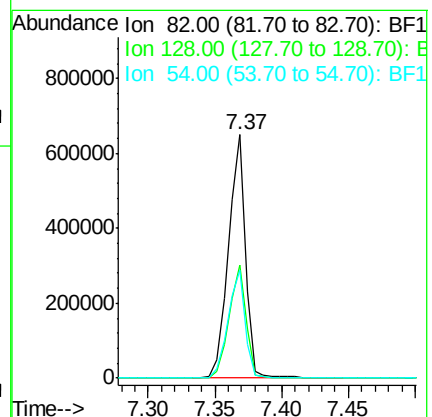
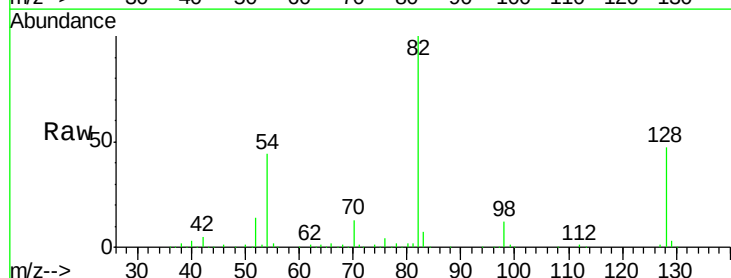
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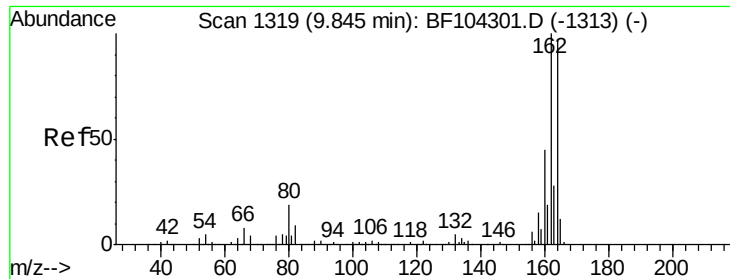
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#23
Nitrobenzene-d5
Concen: 78.799 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104603.D
Acq: 18 Apr 2018 15:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		592438		
128	46.6		36.1	54.1	
54	44.1		41.4	62.2	





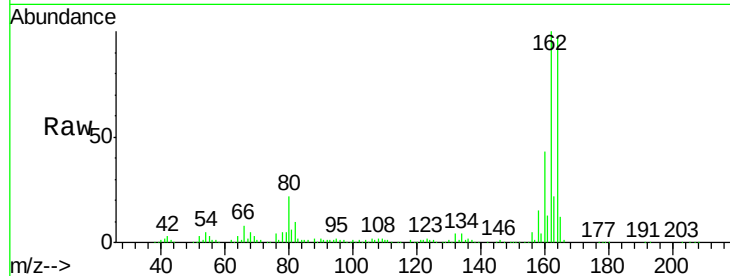
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104603.D
Acq: 18 Apr 2018 15:57

Instrument :
BNA_F
ClientSampleId :
T-3

Tot Ion	Ratio	Resp	Lower	Upper
164	100	194000		
162	103.0	86.1	129.1	
160	44.2	38.3	57.5	

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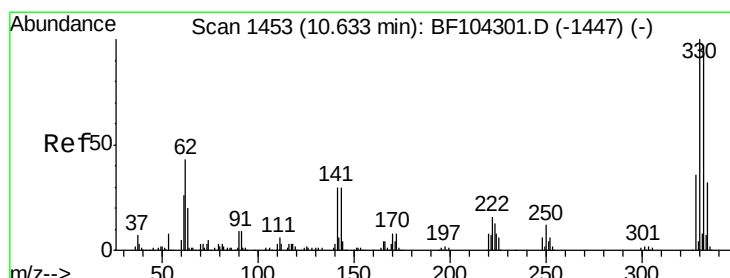
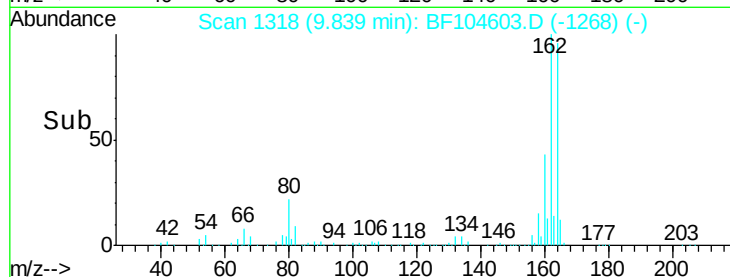
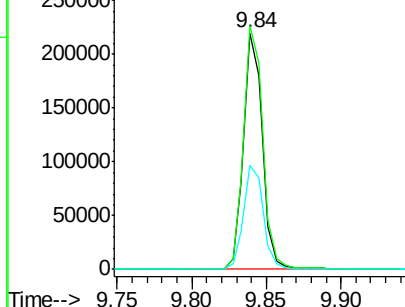


Abundance

Ion 164.00 (163.70 to 164.70): E

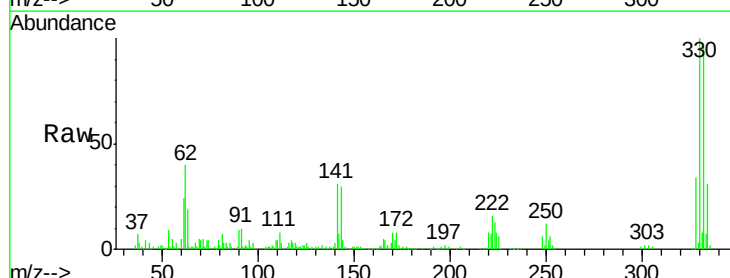
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41
2,4,6-Tribromophenol
Concen: 91.344 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF104603.D
Acq: 18 Apr 2018 15:57

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	183822		
332	96.6	77.0	115.6	
141	33.5	29.9	44.9	

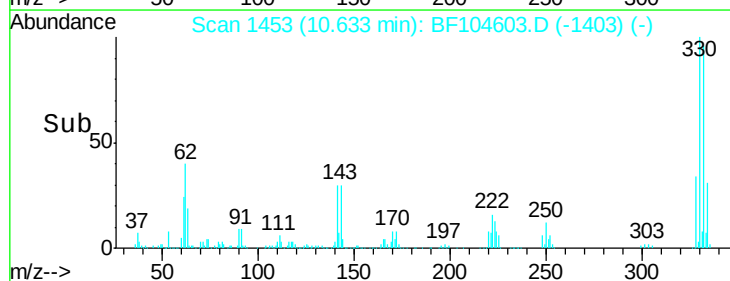
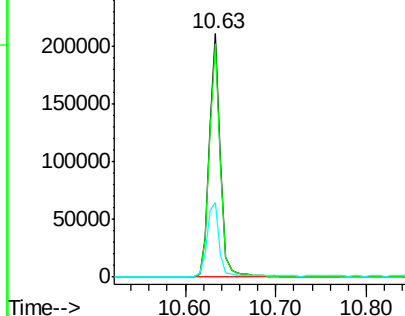


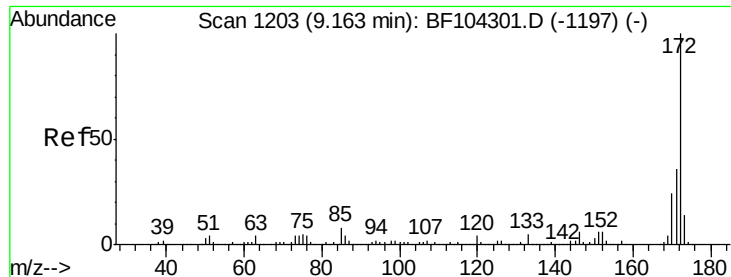
Abundance

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





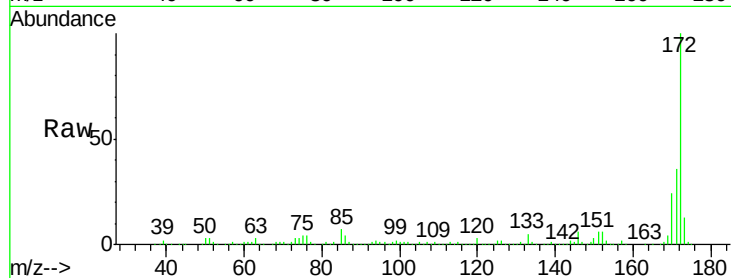
#44
2-Fluorobiphenyl
Concen: 75.135 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF104603.D
Acq: 18 Apr 2018 15:57

Instrument :
BNA_F
ClientSampled :
T-3

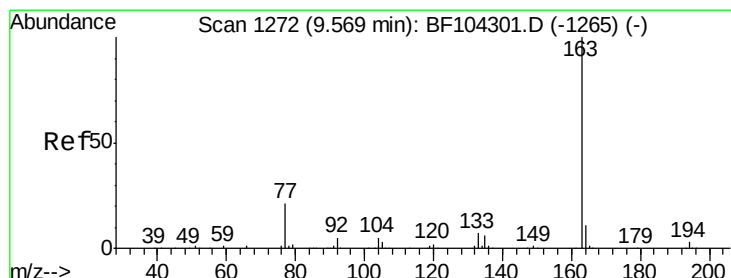
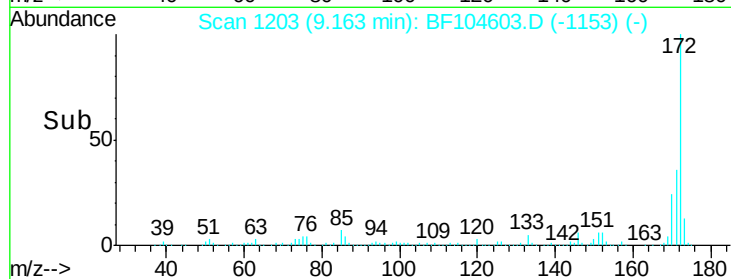
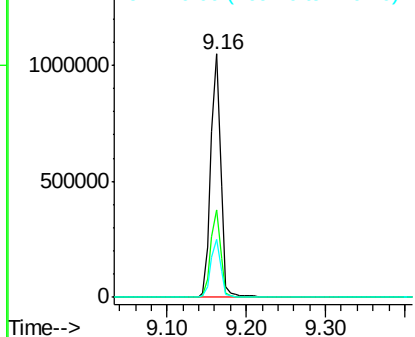
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.7	19.6	29.4

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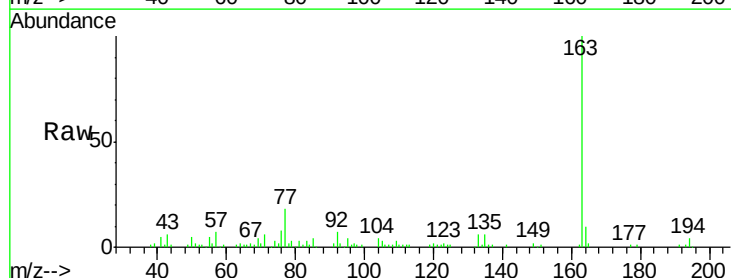


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

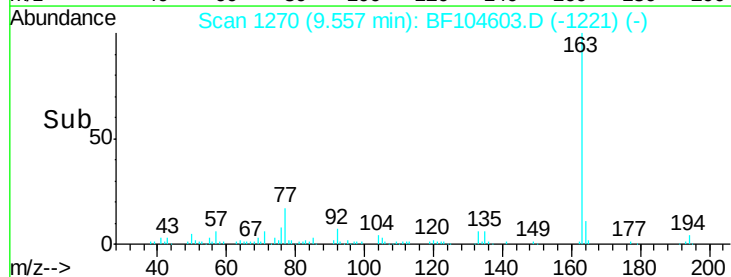
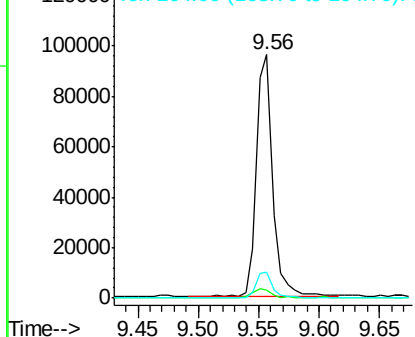


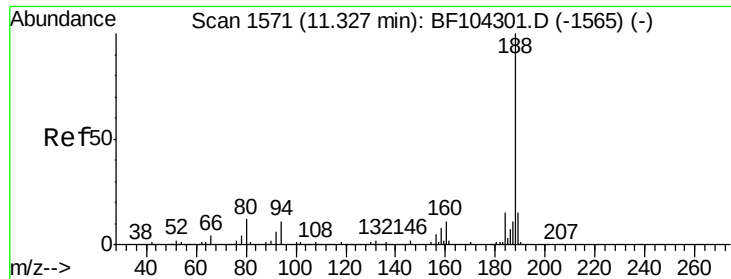
#49
Dimethylphthalate
Concen: 6.039 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104603.D
Acq: 18 Apr 2018 15:57

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.5	8.2	12.2



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. -0.00 min

Lab File: BF104603.D

Acq: 18 Apr 2018 15:57

Instrument :

BNA_F

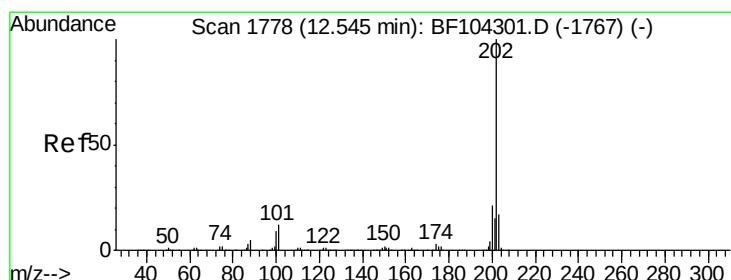
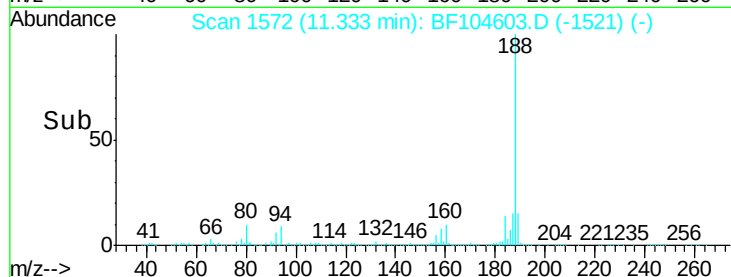
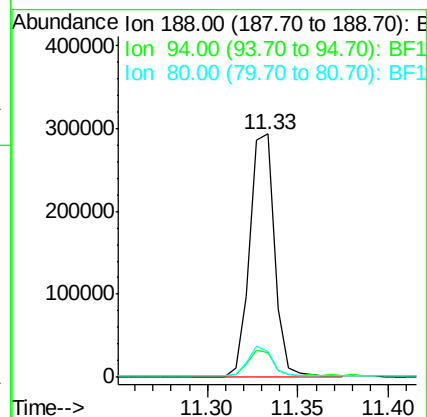
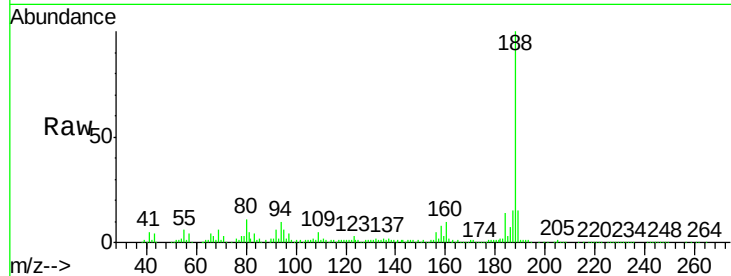
ClientSampleId :

T-3

Tot Ion:	188	Resp:	279617
Ion Ratio	Lower	Upper	
188	100		
94	10.0	8.5	12.7
80	10.9	9.2	13.8

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#74

Fluoranthene

Concen: 3.946 ng

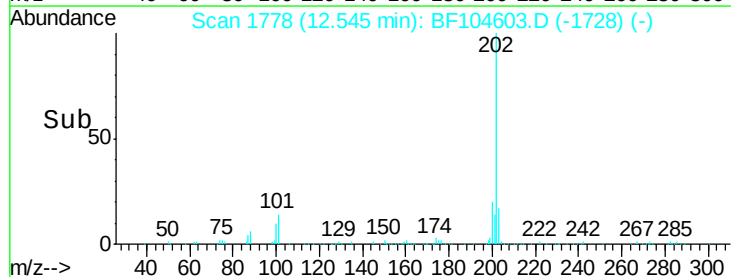
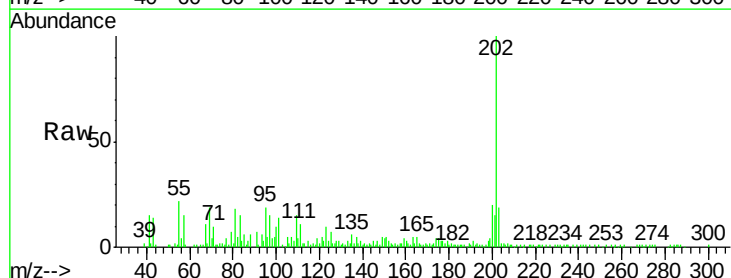
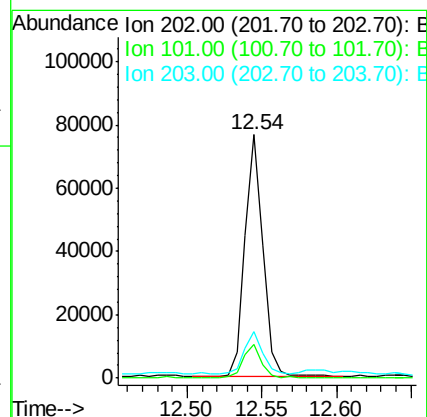
RT: 12.54 min Scan# 1778

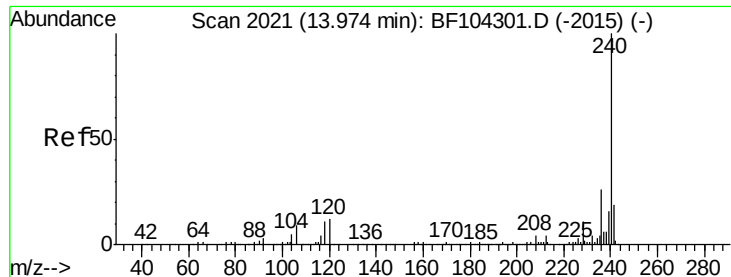
Delta R.T. -0.01 min

Lab File: BF104603.D

Acq: 18 Apr 2018 15:57

Tgt Ion:	202	Resp:	64193
Ion Ratio	Lower	Upper	
202	100		
101	13.7	0.0	34.1
203	18.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF104603.D

Acq: 18 Apr 2018 15:57

Instrument :

BNA_F

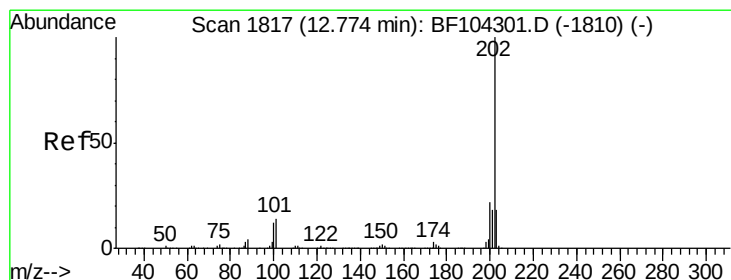
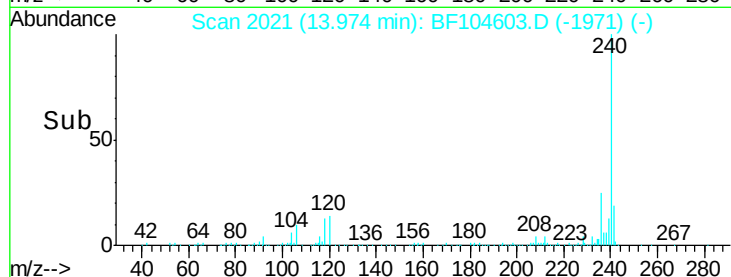
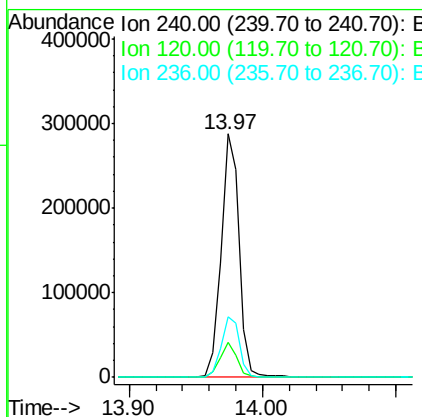
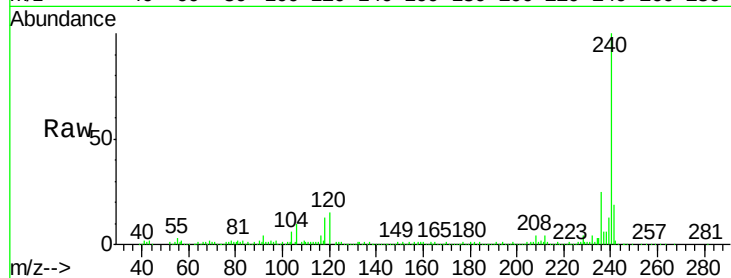
ClientSampled :

T-3

Tot Ion:	240	Resp:	274774
Ion Ratio	Lower	Upper	
240	100		
120	14.6	9.5	14.3#
236	25.0	20.7	31.1

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#77

Pyrene

Concen: 2.598 ng

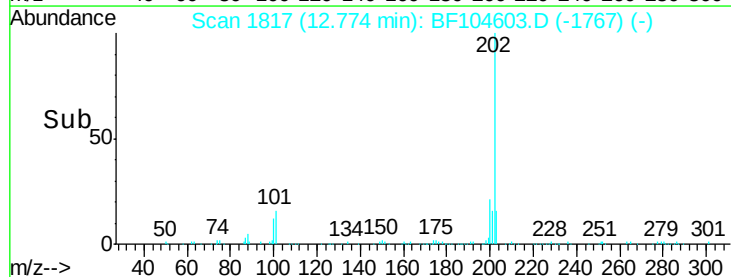
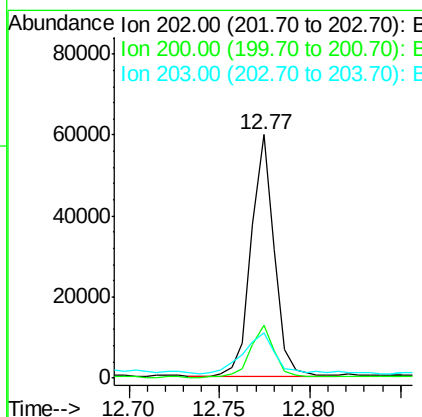
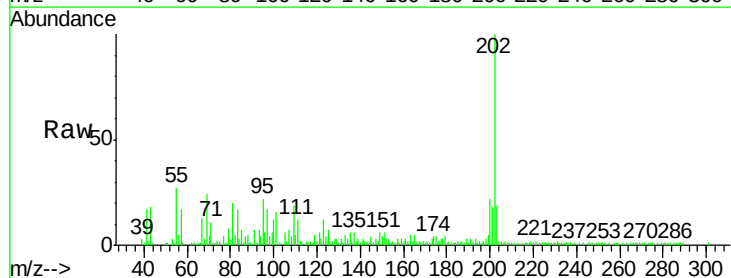
RT: 12.77 min Scan# 1817

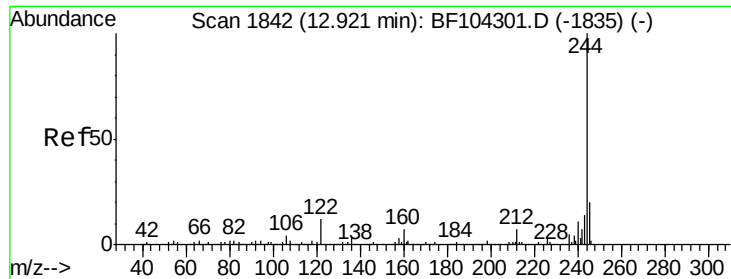
Delta R.T. -0.01 min

Lab File: BF104603.D

Acq: 18 Apr 2018 15:57

Tgt Ion:	202	Resp:	52910
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.4	26.2
203	18.6	14.3	21.5





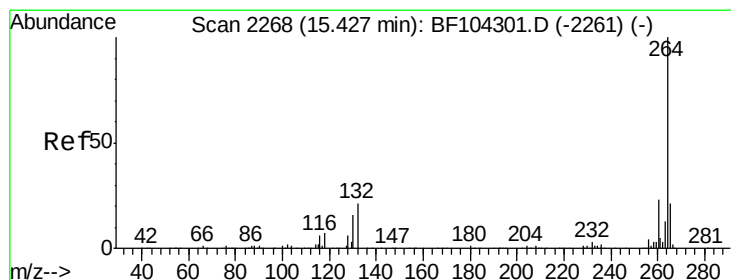
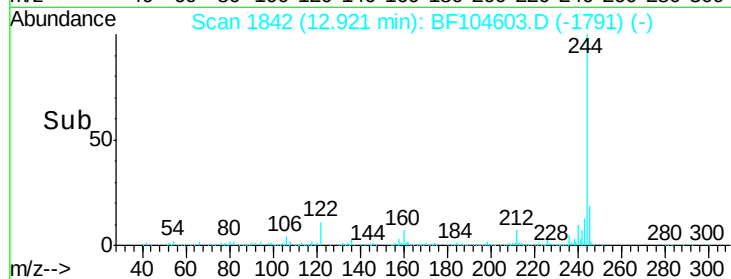
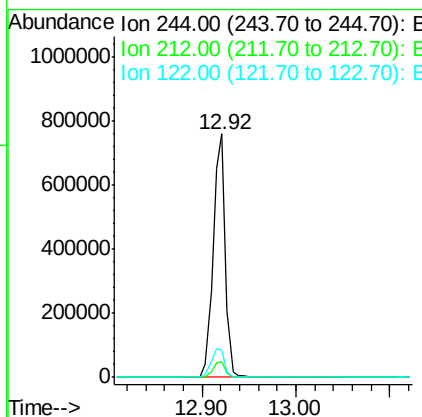
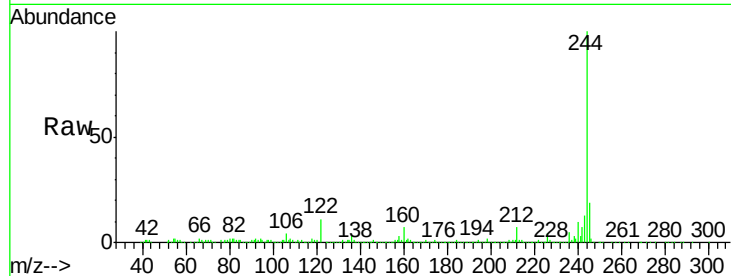
#78
 Terphenyl-d14
 Concen: 57.820 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF104603.D
 Acq: 18 Apr 2018 15:57

Instrument :
 BNA_F
 ClientSampled :
 T-3

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.4	11.0	16.4

Manual Integrations
 APPROVED

Sohil
 4/19/2018 12:43:11 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: BF104603.D
 Acq: 18 Apr 2018 15:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.8	17.5	26.3

