

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104939.D
 Acq On : 30 Apr 2018 18:07
 Operator : JU/SJ
 Sample : J2609-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01D

Manual Integrations
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Sohil
 5/1/2018 7:05:41 PM

Quant Time: May 01 05:46:59 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 15:20:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	122878	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	502170	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	220066	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	360375	20.00	ng	0.00
75) Chrysene-d12	13.97	240	228471	20.00	ng	0.00
86) Perylene-d12	15.44	264	214661	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	688961	85.73	ng	0.00
7) Phenol-d6	6.44	99	844523	85.53	ng	0.00
23) Nitrobenzene-d5	7.36	82	517539	67.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	186677	81.78	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	776204	55.72	ng	0.00
78) Terphenyl-d14	12.91	244	540761	53.96	ng	0.00
Target Compounds						
10) Phenol	6.45	94	21323	2.035	ng	Qvalue # 78
49) Dimethylphthalate	9.55	163	101783	5.865	ng	99
70) Phenanthrene	11.35	178	49913	2.487	ng	98
74) Fluoranthene	12.54	202	61780	2.946	ng	97
77) Pyrene	12.77	202	47382	2.798	ng	96
87) Benzo(b)fluoranthene	15.02	252	33536m	2.474	ng	

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

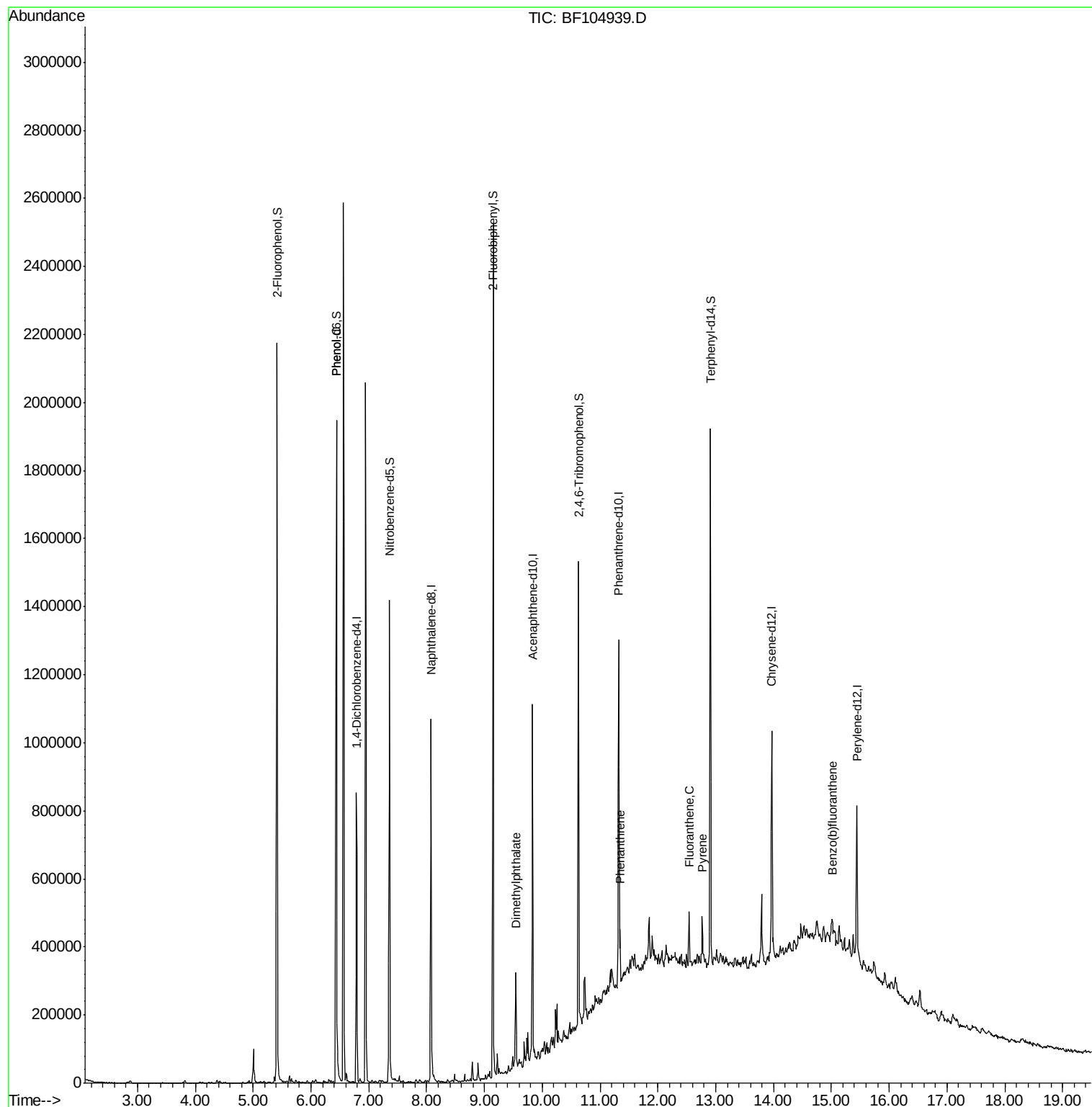
Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
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ALS Vial : 14 Sample Multiplier: 1

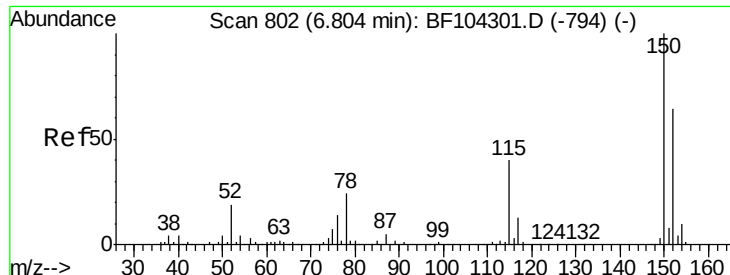
Instrument :
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#1

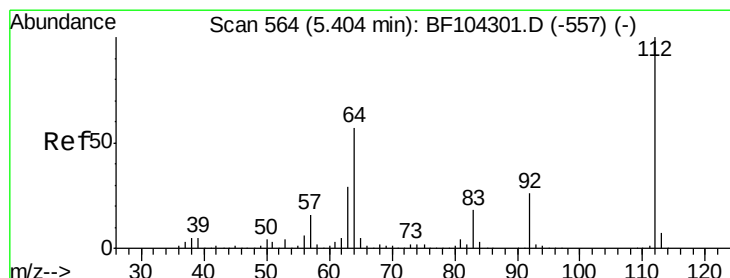
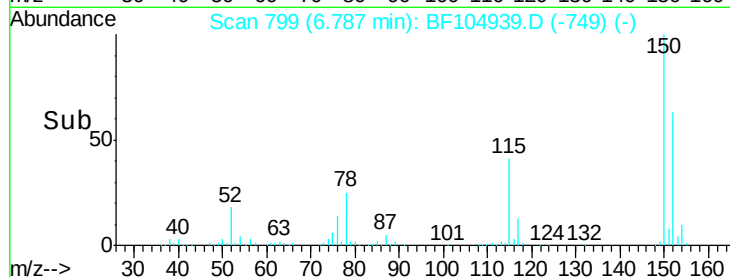
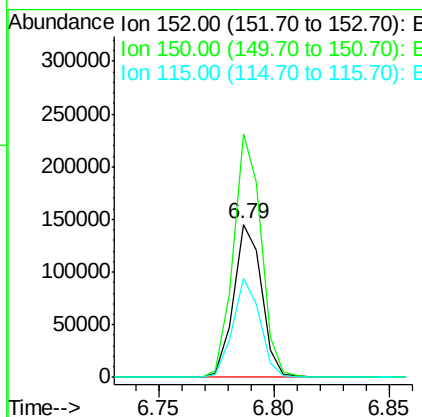
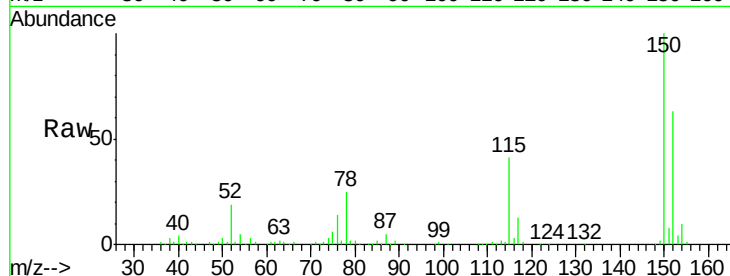
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF104939.D
Acq: 30 Apr 2018 18:07

Instrument :
BNA_F
ClientSampled :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.6	186.8
115	64.6	50.1	75.1

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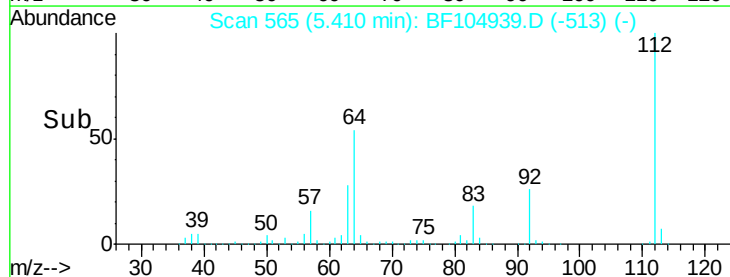
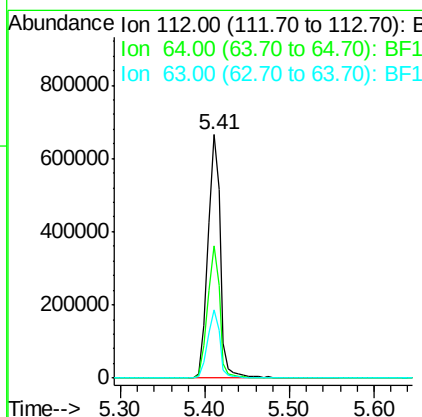
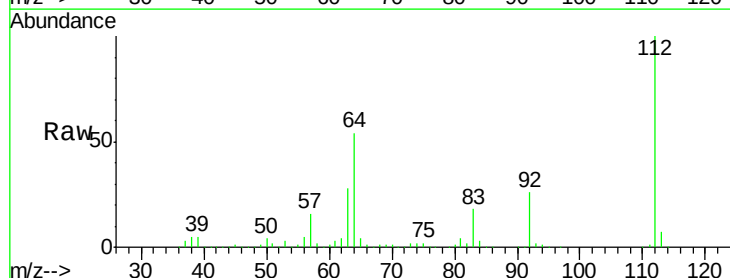
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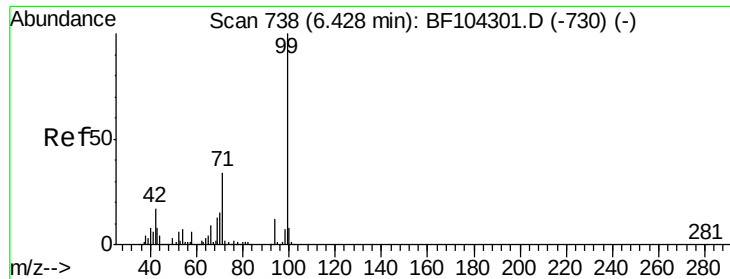


#5

2-Fluorophenol
Concen: 85.732 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF104939.D
Acq: 30 Apr 2018 18:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.5	47.9	71.9
63	28.3	23.7	35.5





#7

Phenol-d6

Concen: 85.531 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF104939.D

Acq: 30 Apr 2018 18:07

Instrument :

BNA_F

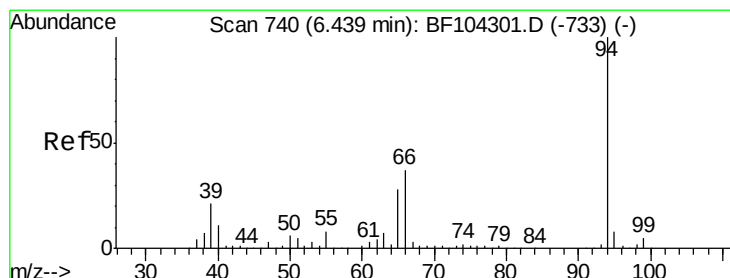
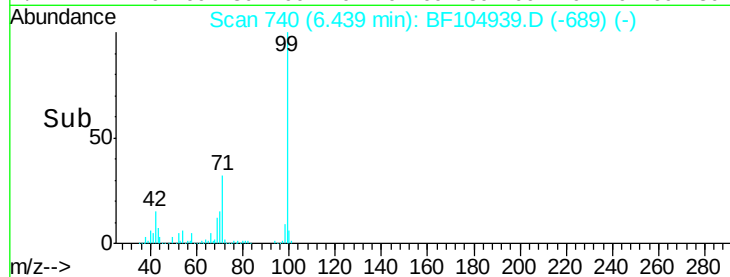
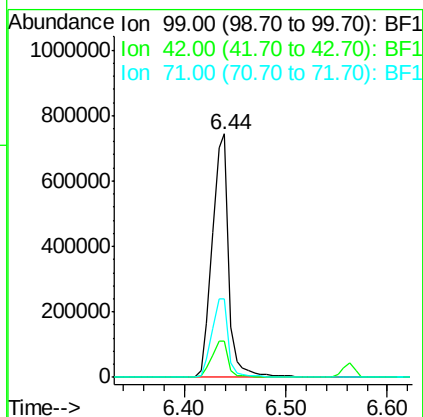
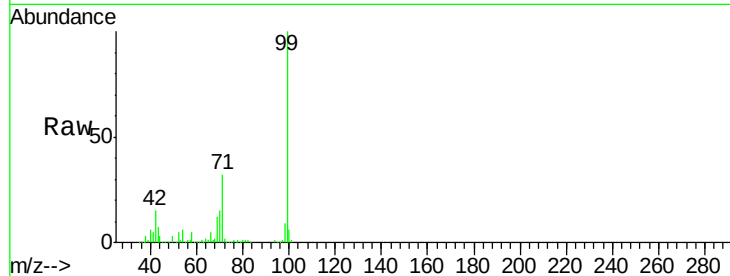
ClientSampled :

SB-01D

Tot Ion:	99	Resp:	844523
Ion Ratio	Lower	Upper	
99	100		
42	14.6	14.5	21.7
71	32.4	25.4	38.0

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#10

Phenol

Concen: 2.035 ng

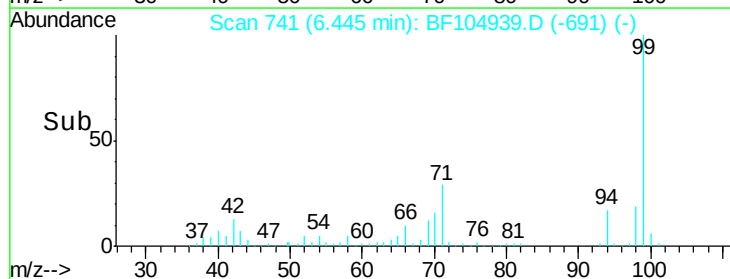
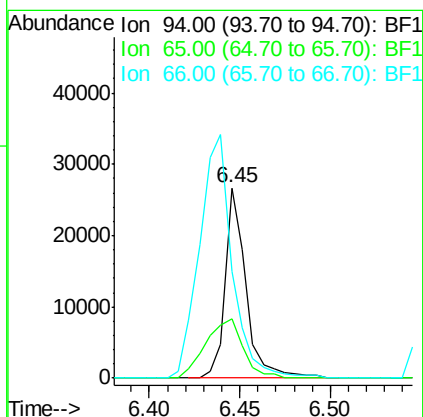
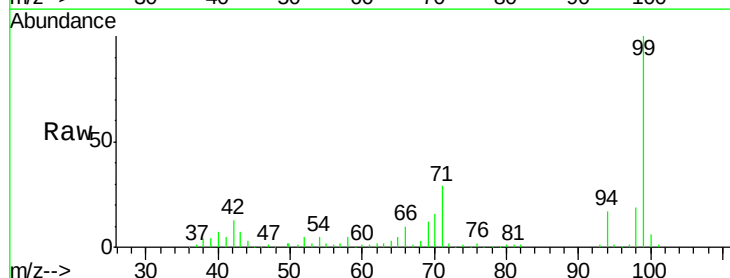
RT: 6.45 min Scan# 741

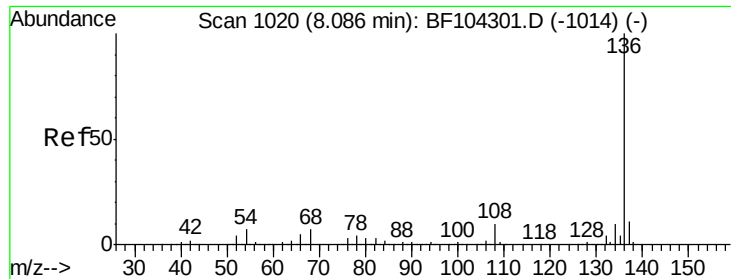
Delta R.T. -0.01 min

Lab File: BF104939.D

Acq: 30 Apr 2018 18:07

Tgt Ion:	94	Resp:	21323
Ion Ratio	Lower	Upper	
94	100		
65	31.2	7.9	47.9
66	56.2	16.2	56.2#





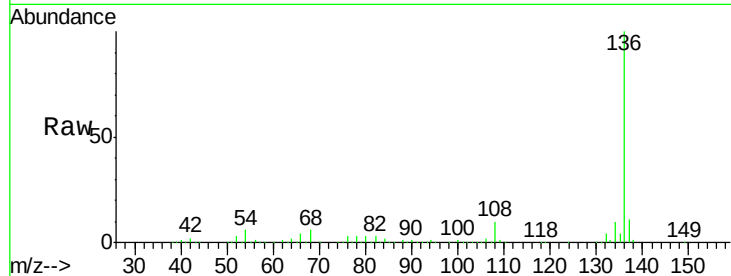
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF104939.D
Acq: 30 Apr 2018 18:07

Instrument :
BNA_F
ClientSampleId :
SB-01D

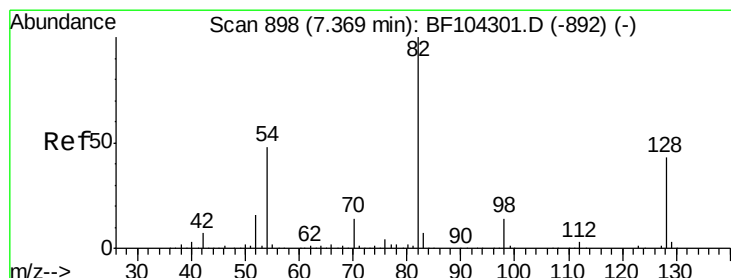
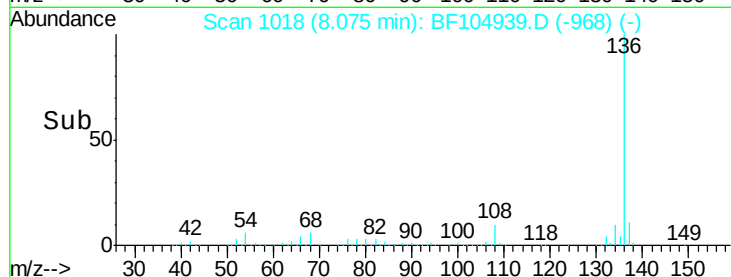
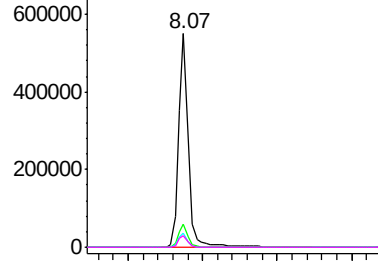
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		502170		
137	11.1	8.9	13.3		
54	6.4	6.6	9.8		
68	5.6	5.0	7.4		

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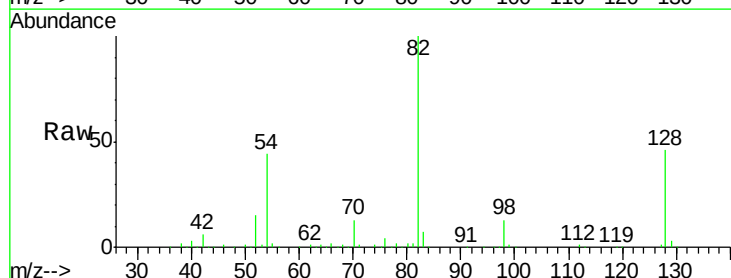


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

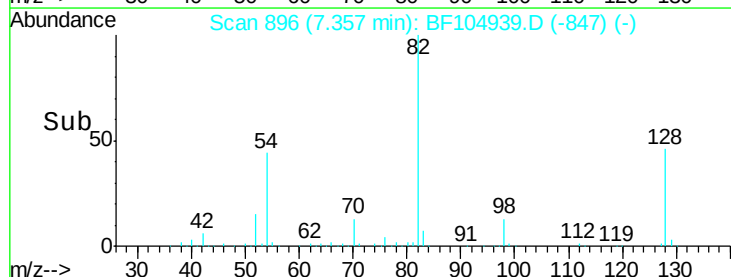
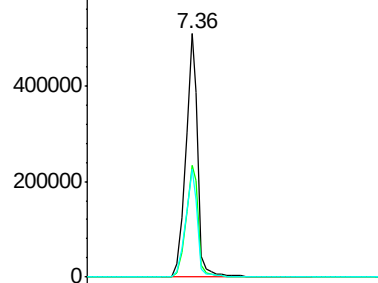


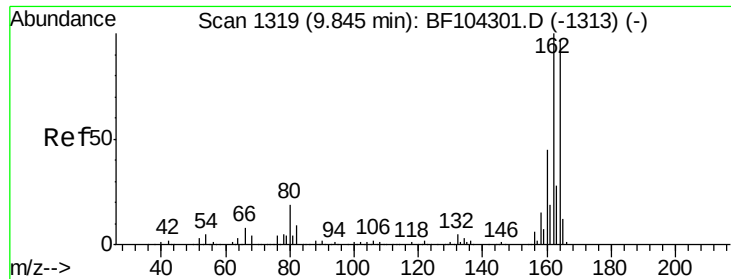
#23
Nitrobenzene-d5
Concen: 67.297 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF104939.D
Acq: 30 Apr 2018 18:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		517539		
128	46.0	36.1	54.1		
54	44.1	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





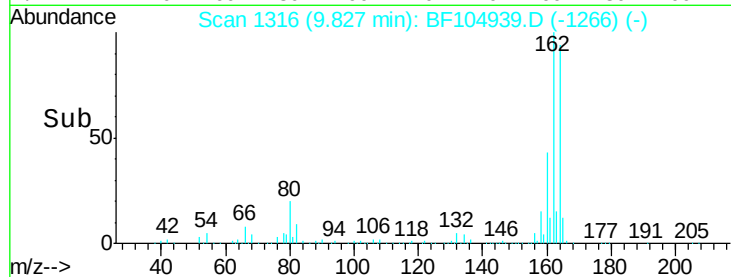
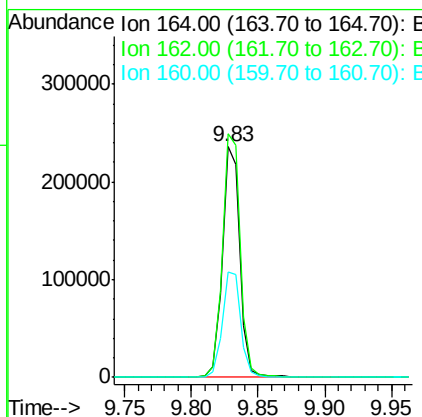
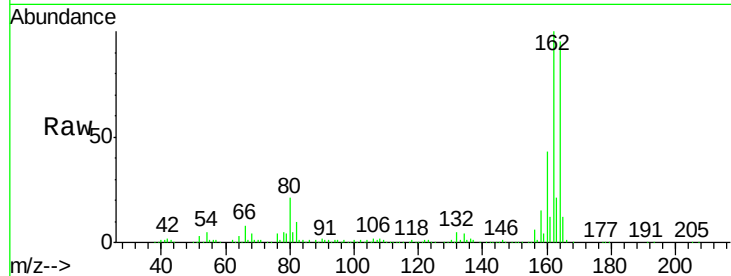
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF104939.D
 Acq: 30 Apr 2018 18:07

Instrument :
 BNA_F
 ClientSampleId :
 SB-01D

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.6	86.1	129.1	
160	45.8	38.3	57.5	

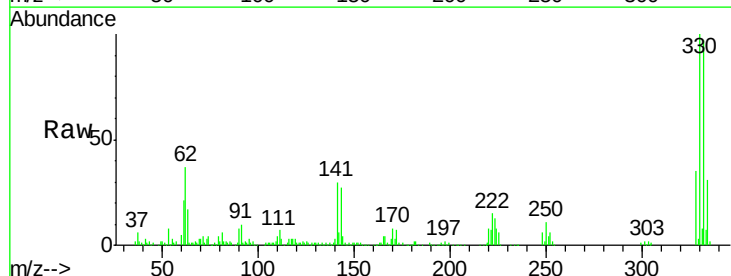
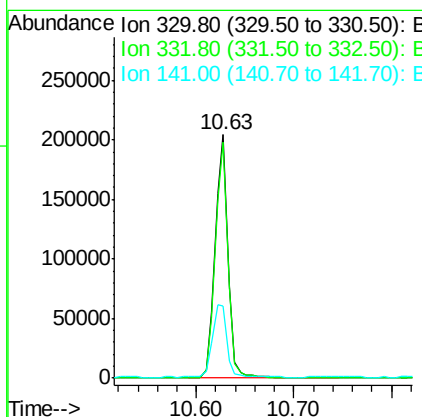
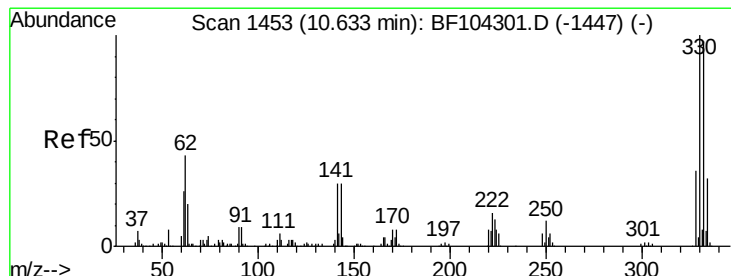
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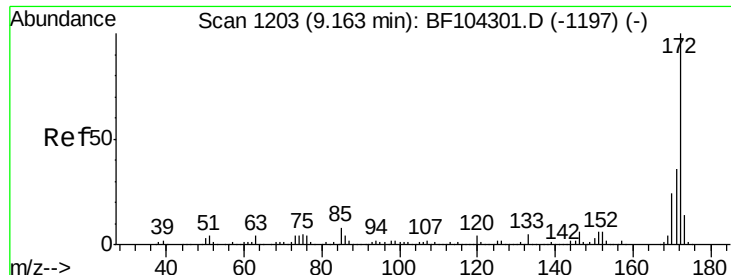
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#41
 2,4,6-Tribromophenol
 Concen: 81.775 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF104939.D
 Acq: 30 Apr 2018 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.5	77.0	115.6	
141	33.6	29.9	44.9	





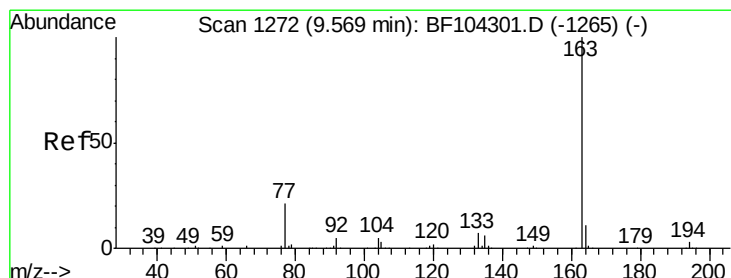
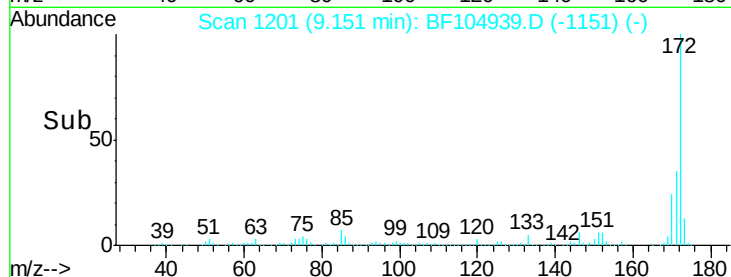
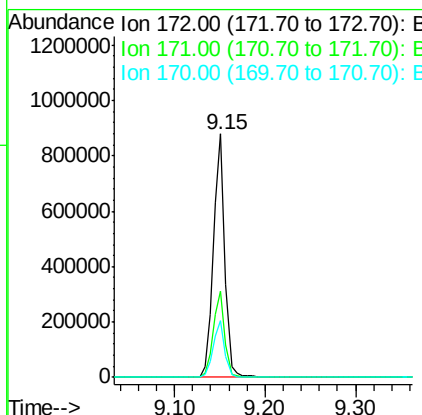
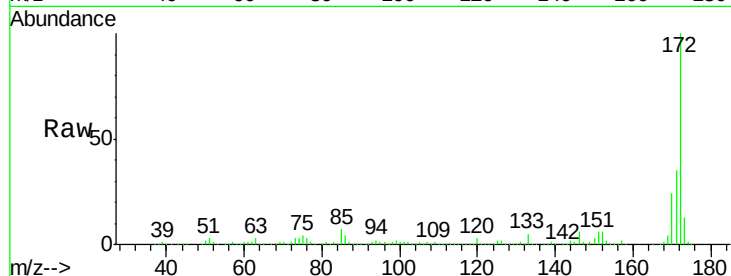
#44
2-Fluorobiphenyl
Concen: 55.720 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF104939.D
Acq: 30 Apr 2018 18:07

Instrument :
BNA_F
ClientSampled :
SB-01D

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.6	19.6	29.4

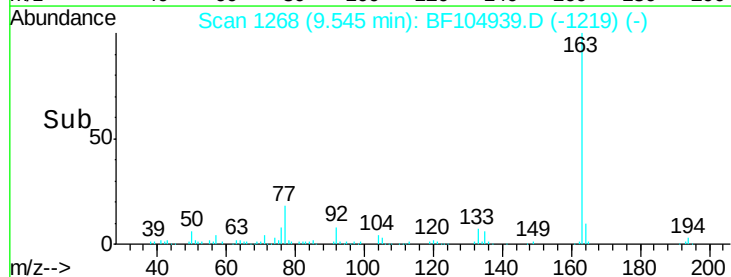
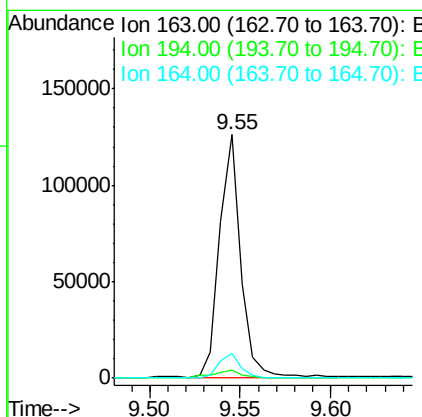
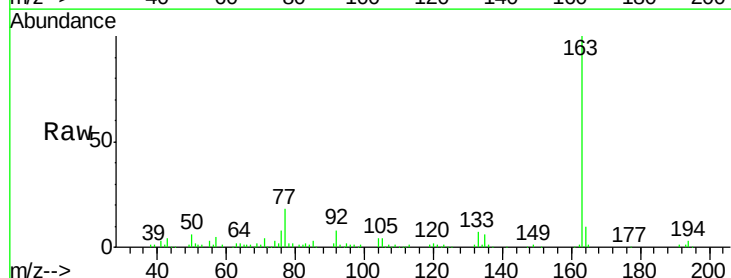
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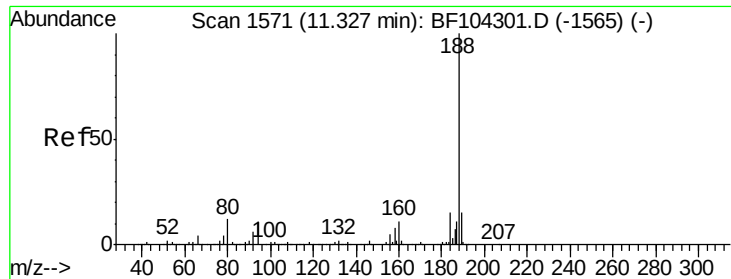
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#49
Dimethylphthalate
Concen: 5.865 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF104939.D
Acq: 30 Apr 2018 18:07

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.9	8.2	12.2





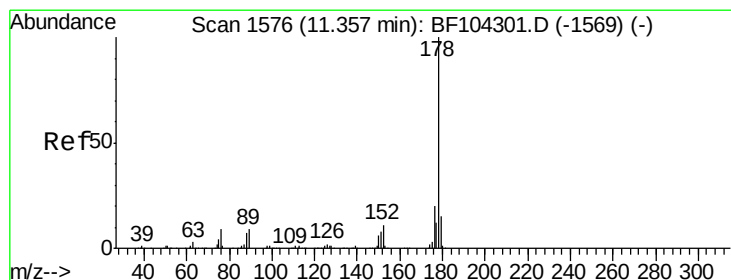
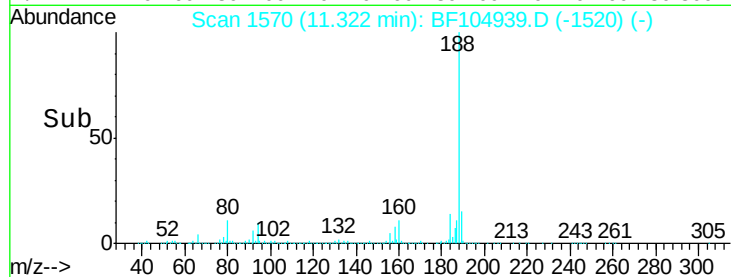
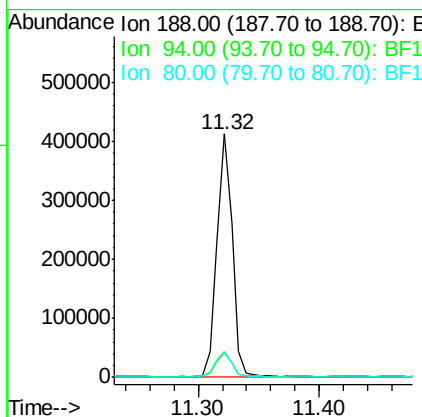
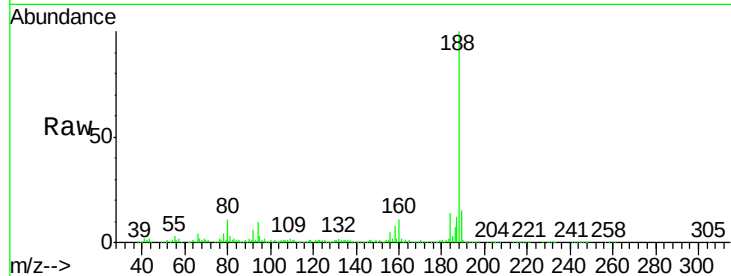
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF104939.D
Acq: 30 Apr 2018 18:07

Instrument :
BNA_F
ClientSampled :
SB-01D

Tot Ion	Ratio	Resp	Lower	Upper
188	100	360375		
94	10.2		8.5	12.7
80	10.9		9.2	13.8

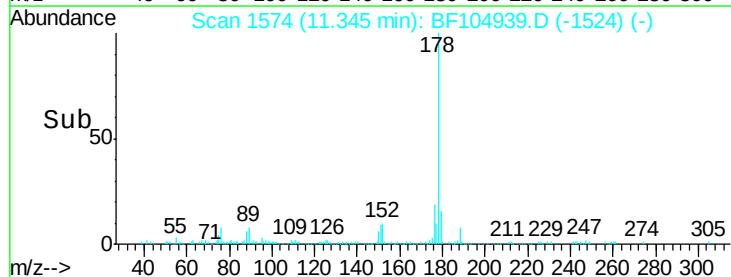
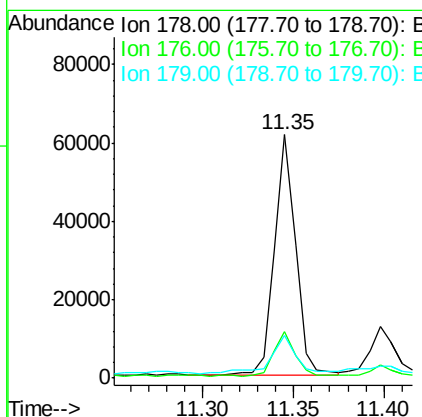
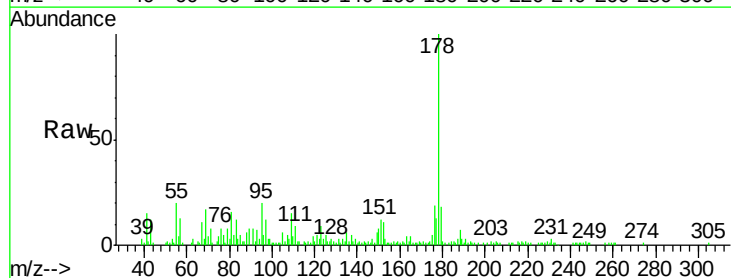
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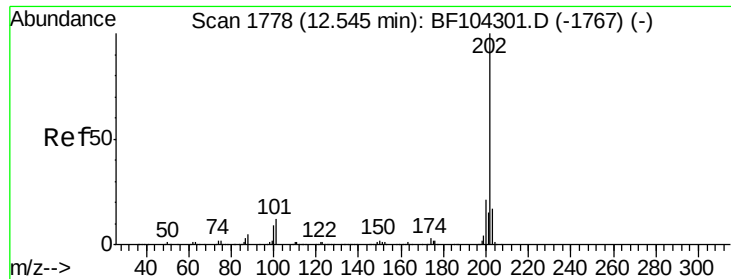
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#70
Phenanthrene
Concen: 2.487 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF104939.D
Acq: 30 Apr 2018 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	49913		
176	19.3		15.8	23.8
179	17.6		13.0	19.6





#74

Fluoranthene

Concen: 2.946 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF104939.D

Acq: 30 Apr 2018 18:07

Instrument :

BNA_F

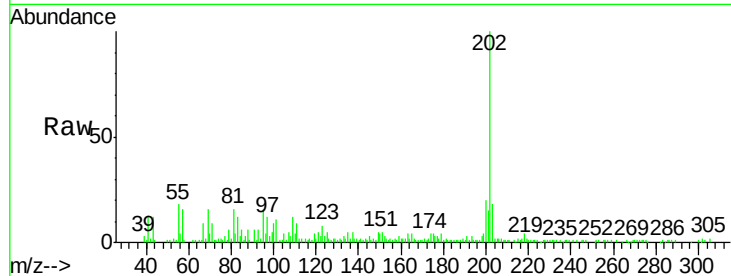
ClientSampleId :

SB-01D

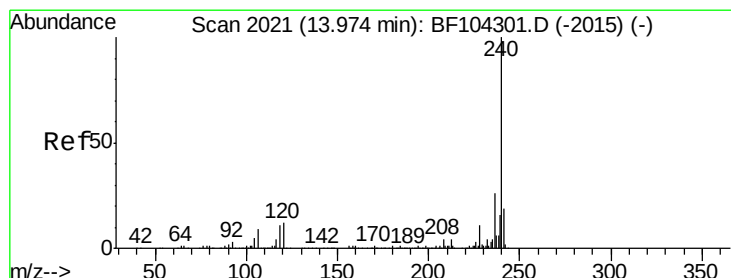
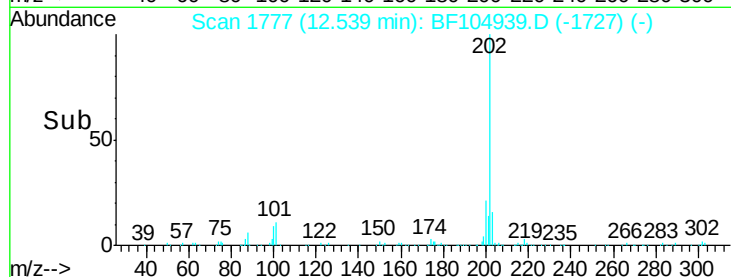
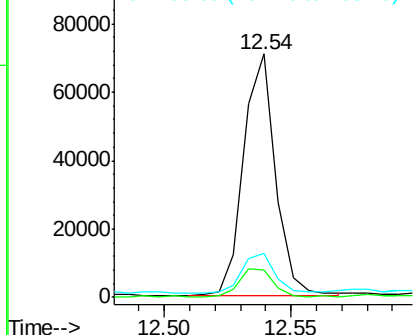
Tot Ion	Ratio	Resp	Lower	Upper
202	100	61780		
101	11.1	0.0	34.1	
203	18.1	0.0	38.1	

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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

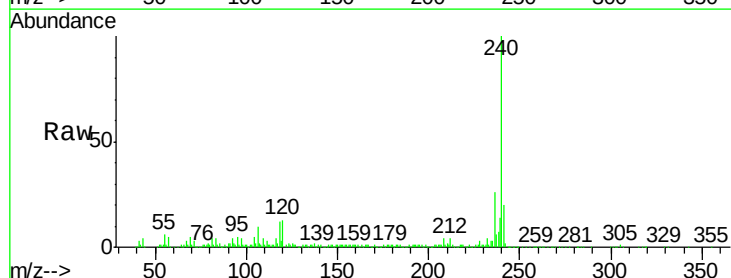
RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

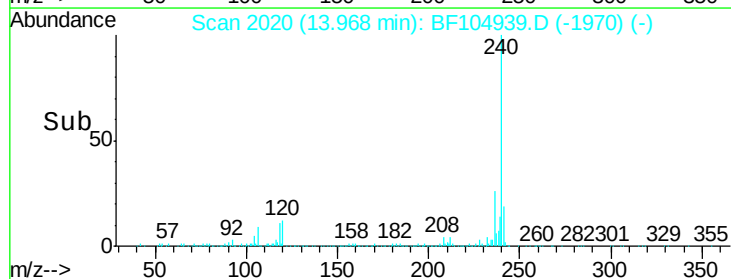
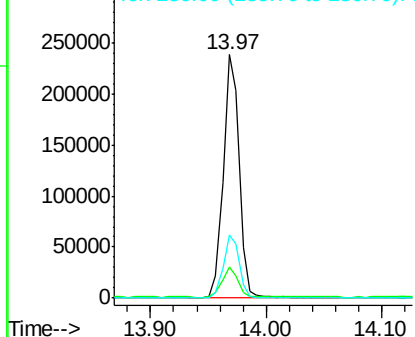
Lab File: BF104939.D

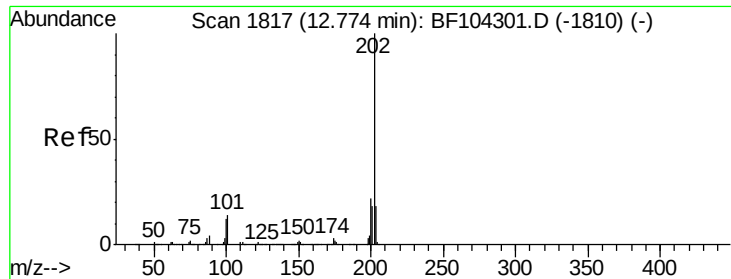
Acq: 30 Apr 2018 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	228471		
120	12.9	9.5	14.3	
236	26.1	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





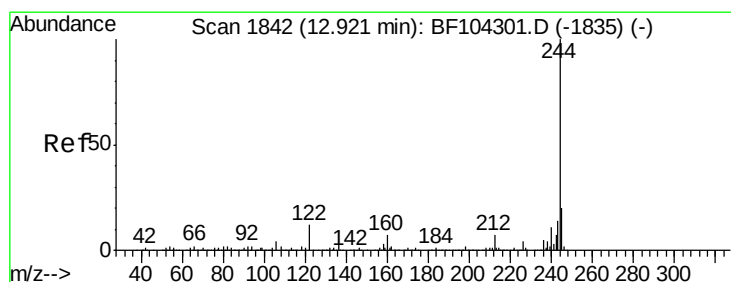
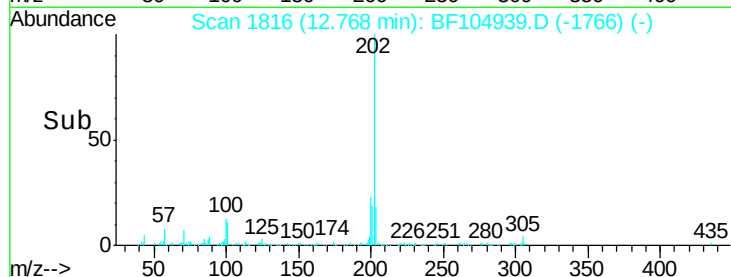
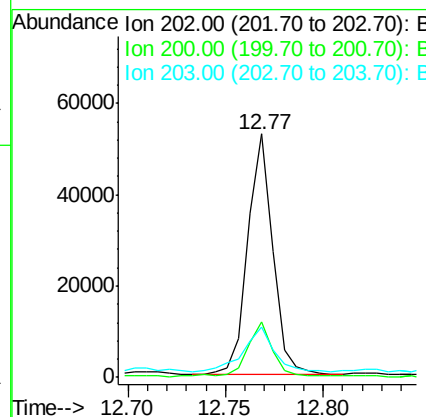
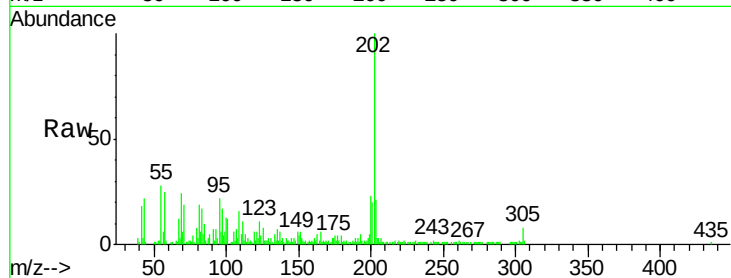
#77
Pvrene
Concen: 2.798 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF104939.D
Acq: 30 Apr 2018 18:07

Instrument :
BNA_F
ClientSampleId :
SB-01D

Tot Ion:	202	Resp:	47382
Ion Ratio	Lower	Upper	
202	100		
200	22.9	17.4	26.2
203	20.9	14.3	21.5

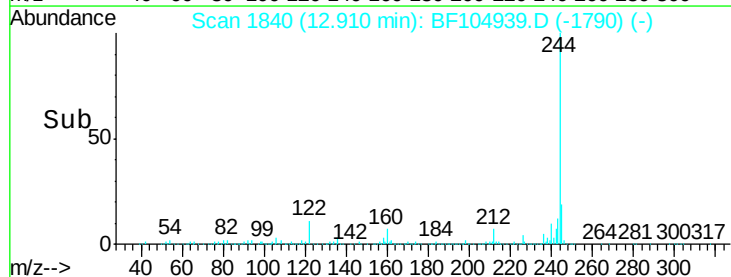
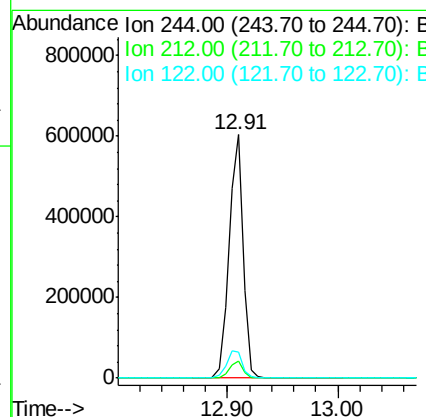
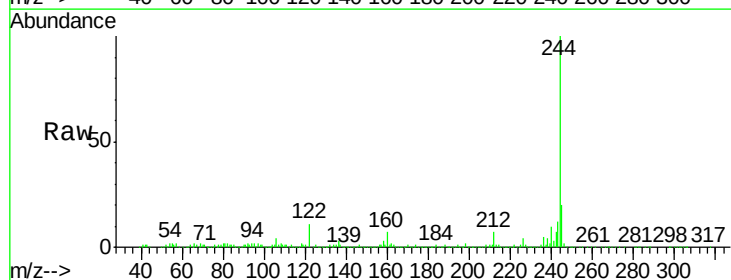
Manual Integrations
APPROVED

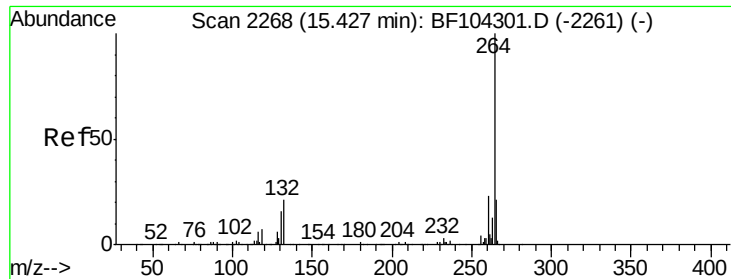
Sohil
5/1/2018 7:05:41 PM



#78
Terphenyl-d14
Concen: 53.961 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF104939.D
Acq: 30 Apr 2018 18:07

Tgt Ion:	244	Resp:	540761
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.4	8.0
122	10.8	11.0	16.4#





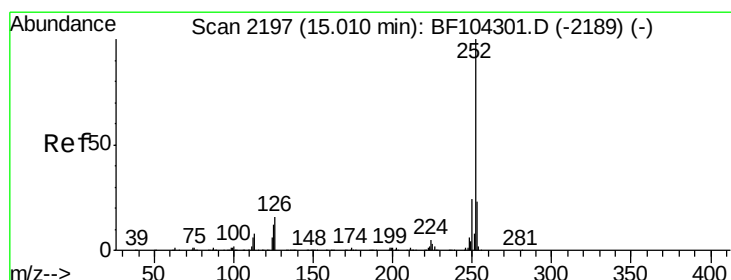
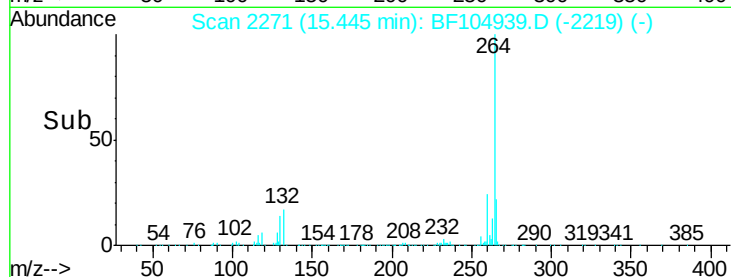
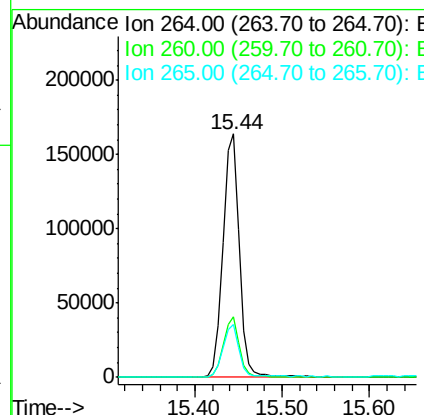
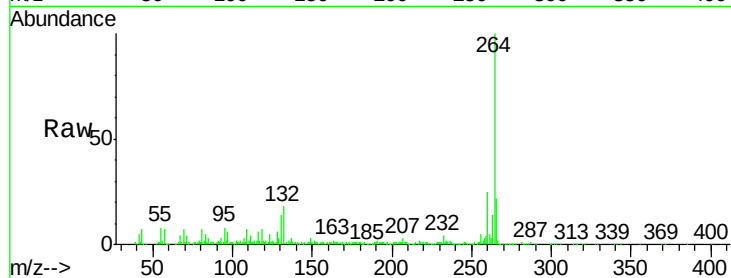
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF104939.D
Acq: 30 Apr 2018 18:07

Instrument :
BNA_F
ClientSampleId :
SB-01D

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.8	17.5	26.3

Manual Integrations
APPROVED

Sohil
5/1/2018 7:05:41 PM



#87
Benzo(b)fluoranthene
Concen: 2.474 ng m
RT: 15.02 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BF104939.D
Acq: 30 Apr 2018 18:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.1	17.0	25.6#
125	30.2	9.0	13.6#

