

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
 Data File : BF104380.D
 Acq On : 9 Apr 2018 18:49
 Operator : JU/SJ
 Sample : J2157-05 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-040618-C

Manual Integrations
 APPROVED

Sohil
 4/10/2018 12:00:21 PM

Quant Time: Apr 10 02:31:07 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	164438	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	625950	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	242557	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	358653	20.00	ng	0.00
75) Chrysene-d12	13.97	240	349678	20.00	ng	0.00
86) Perylene-d12	15.44	264	278072	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	352844	32.81	ng	0.00
7) Phenol-d6	6.42	99	433517	32.81	ng	0.00
23) Nitrobenzene-d5	7.36	82	248531	25.93	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	73786	29.33	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	461571	30.06	ng	0.00
78) Terphenyl-d14	12.92	244	345422	22.52	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	43994	2.300	ng	Qvalue 100
70) Phenanthrene	11.35	178	46940	2.350	ng	98
74) Fluoranthene	12.54	202	77842	3.730	ng	99
77) Pyrene	12.77	202	72420	2.794	ng	97
87) Benzo(b)fluoranthene	15.02	252	39232m	2.234	ng	

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

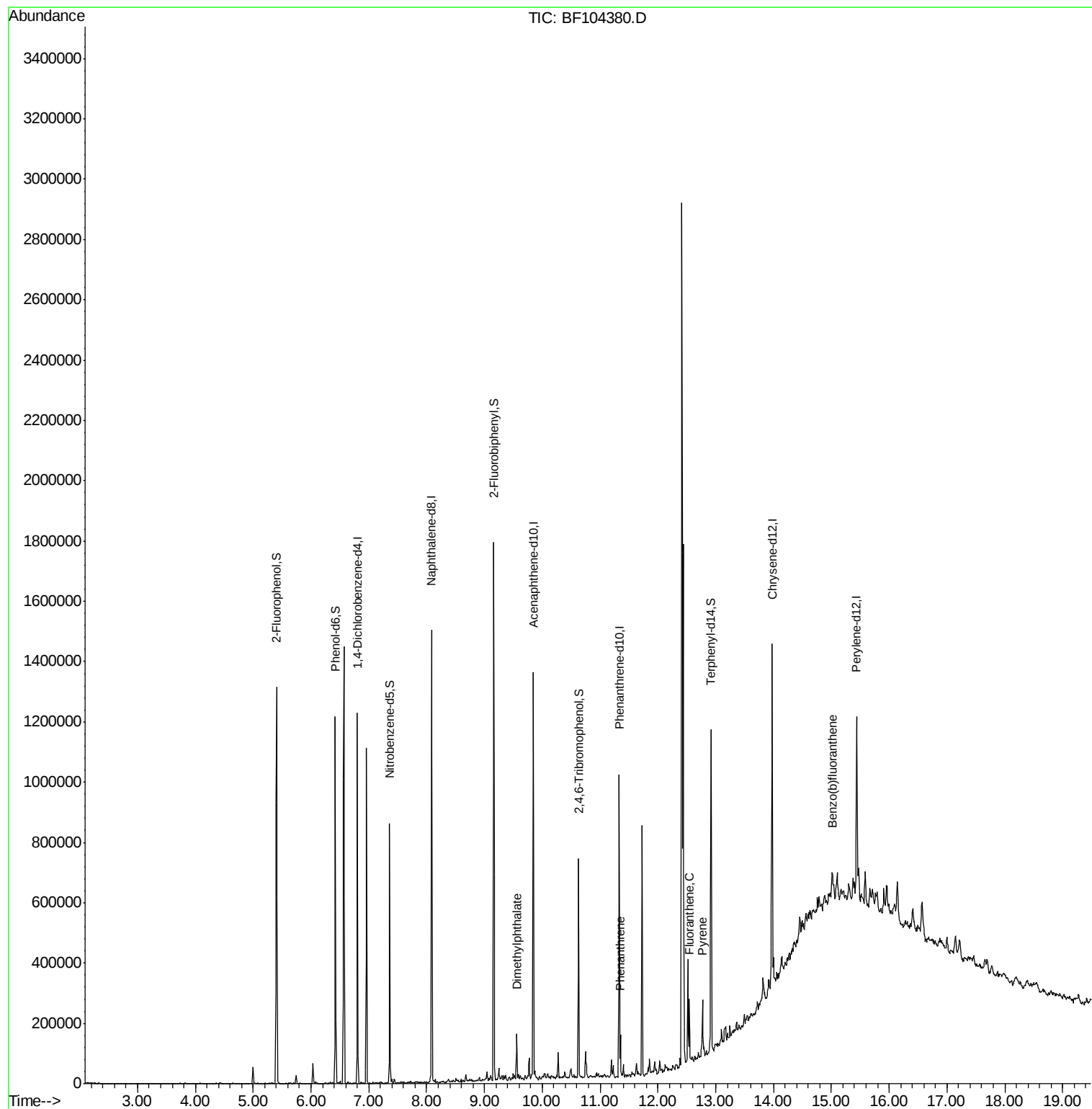
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
Data File : BF104380.D
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#1

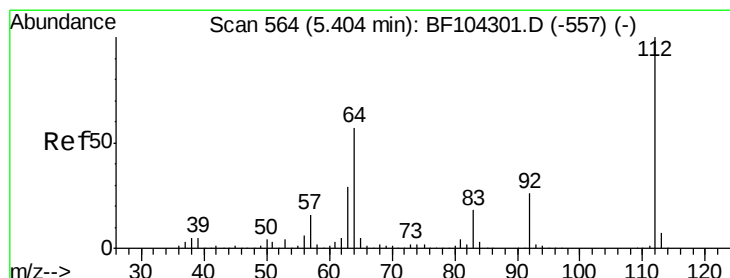
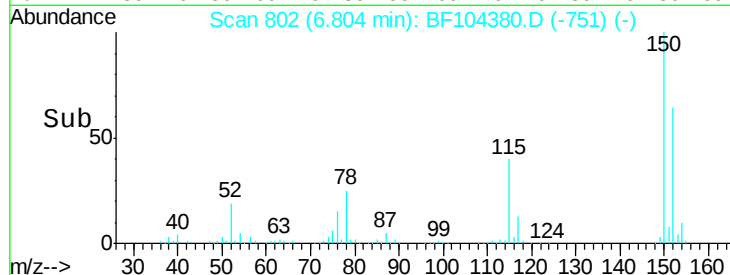
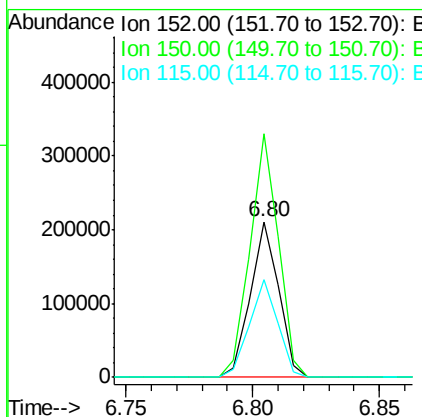
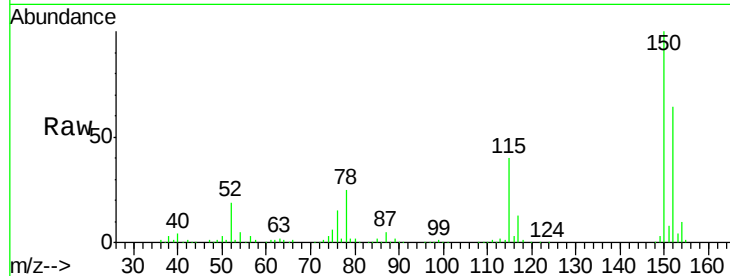
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104380.D
Acq: 9 Apr 2018 18:49

Instrument :
BNA_F
ClientSampleId :
CL-01-040618-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	62.9	50.1	75.1

Manual Integrations
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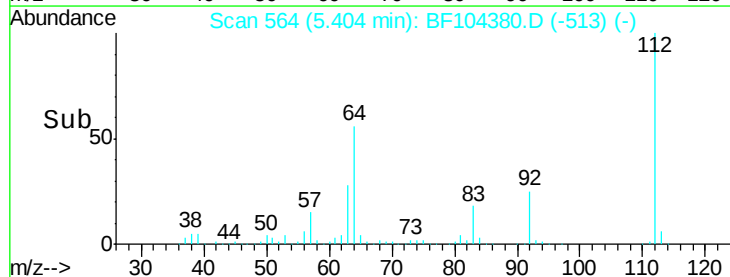
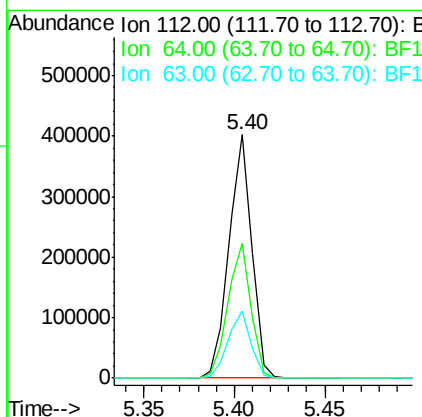
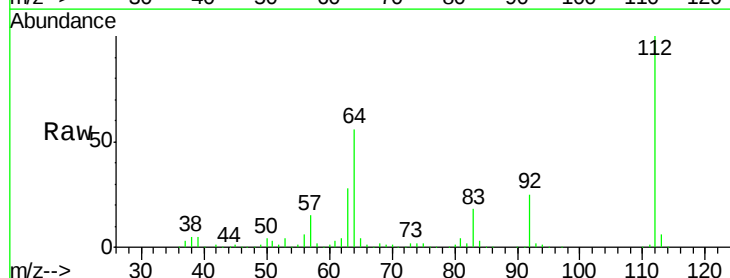
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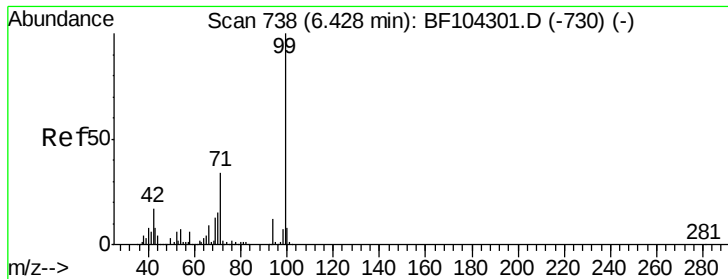


#5

2-Fluorophenol
Concen: 32.810 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF104380.D
Acq: 9 Apr 2018 18:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	47.9	71.9
63	27.7	23.7	35.5





#7

Phenol-d6

Concen: 32.809 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF104380.D

Acq: 9 Apr 2018 18:49

Instrument :

BNA_F

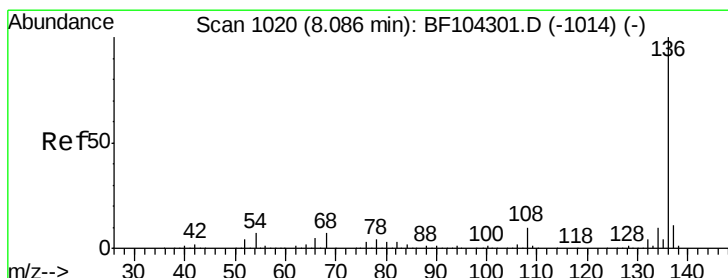
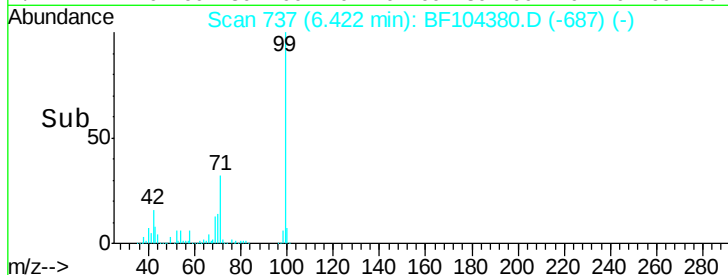
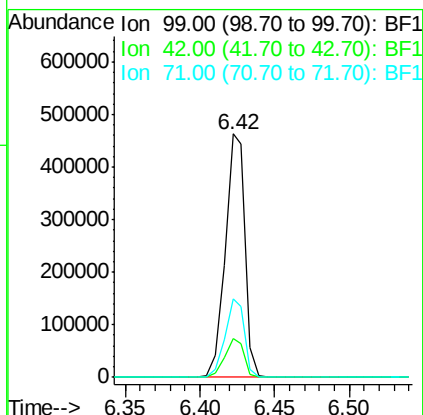
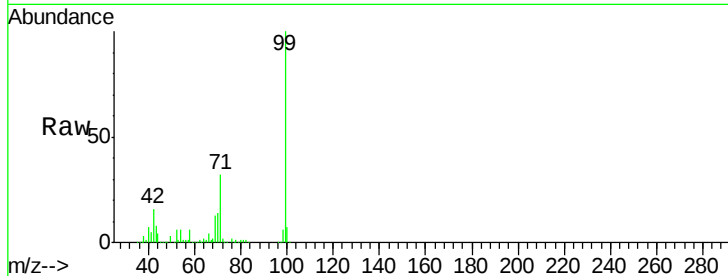
ClientSampleId :

CL-01-040618-C

Tot Ion:	99	Resp:	433517
Ion	Ratio	Lower	Upper
99	100		
42	16.1	14.5	21.7
71	32.1	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

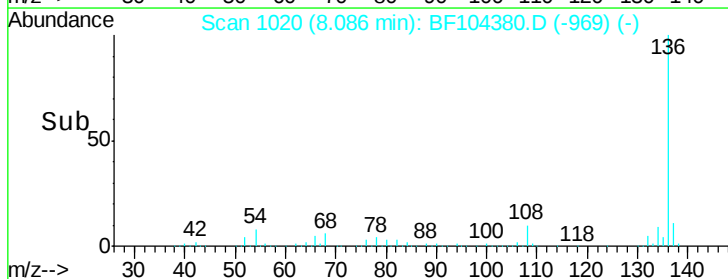
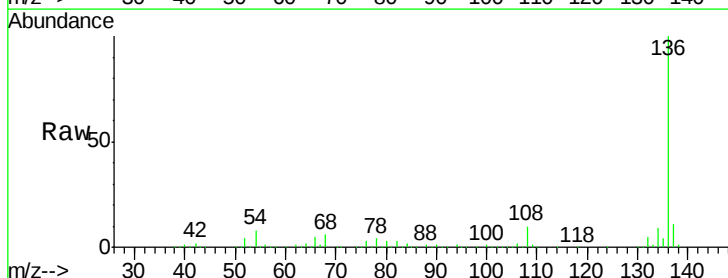
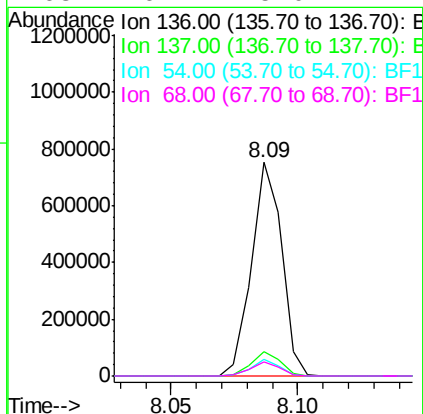
RT: 8.09 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF104380.D

Acq: 9 Apr 2018 18:49

Tgt Ion:	136	Resp:	625950
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.6	6.6	9.8
68	6.4	5.0	7.4





#23

Nitrobenzene-d5

Concen: 25.926 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF104380.D

Acq: 9 Apr 2018 18:49

Instrument :

BNA_F

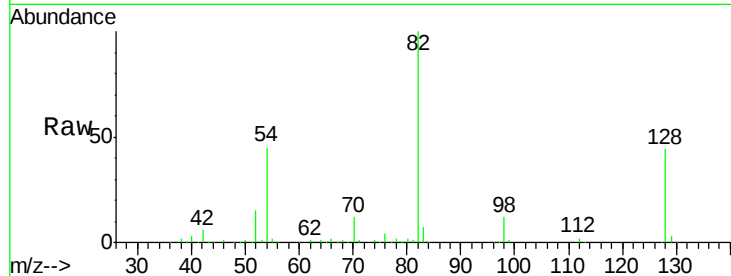
ClientSampleId :

CL-01-040618-C

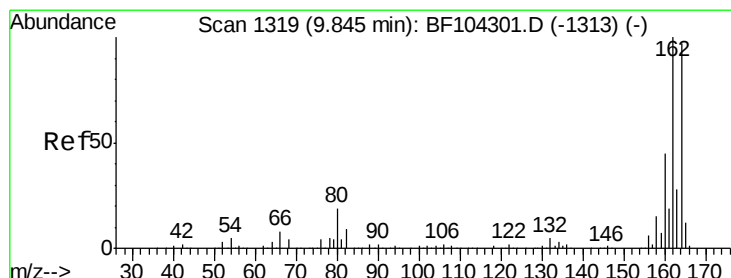
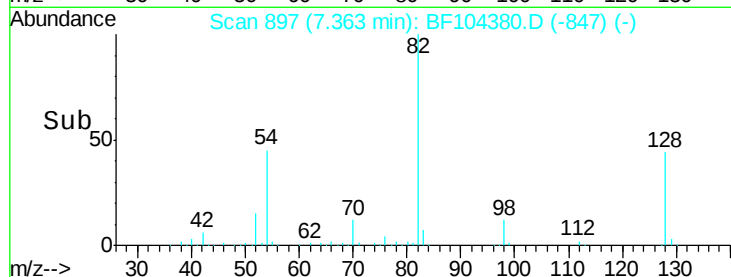
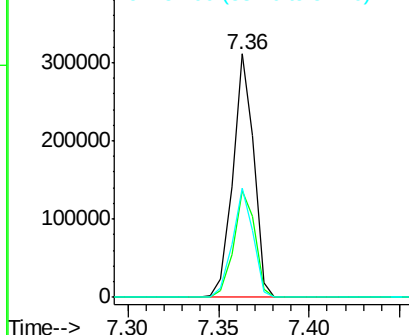
Tot Ion:	82	Resp:	248531
Ion Ratio	Lower	Upper	
82	100		
128	43.7	36.1	54.1
54	44.9	41.4	62.2

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



#38

Acenaphthene-d10

Concen: 20.000 ng

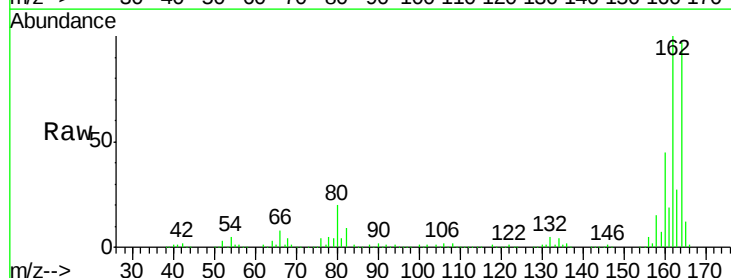
RT: 9.85 min Scan# 1319

Delta R.T. 0.00 min

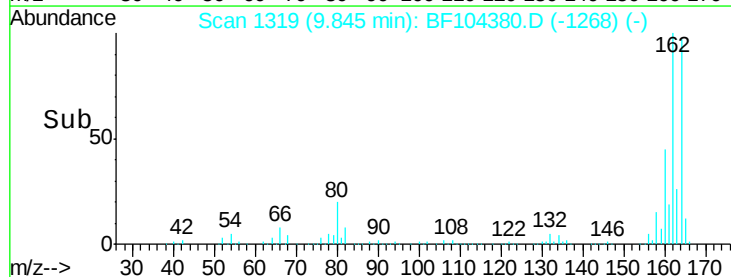
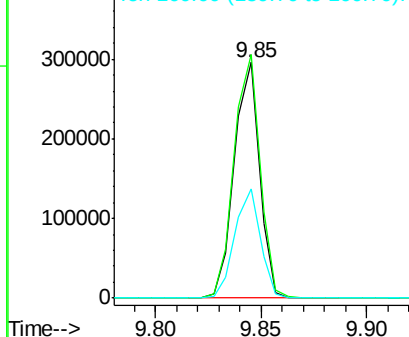
Lab File: BF104380.D

Acq: 9 Apr 2018 18:49

Tgt Ion:	164	Resp:	242557
Ion Ratio	Lower	Upper	
164	100		
162	103.5	86.1	129.1
160	46.4	38.3	57.5



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





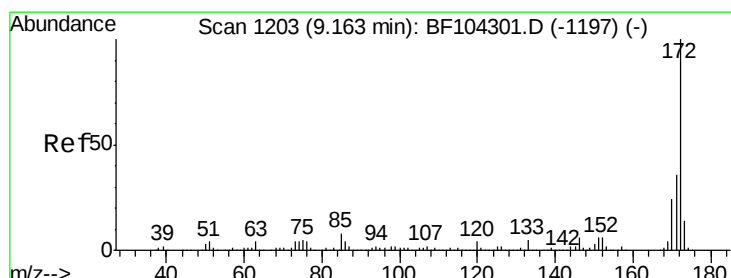
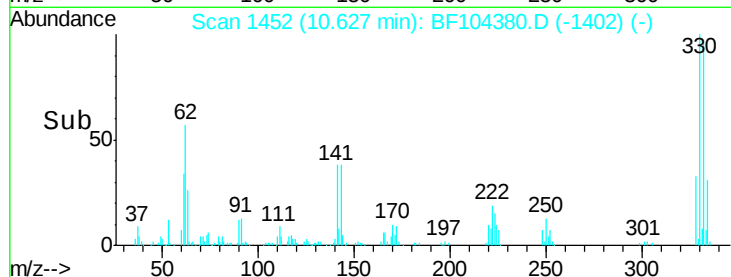
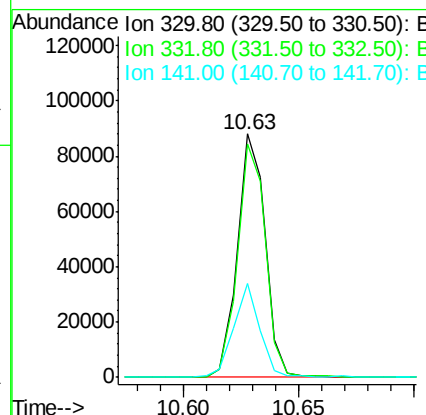
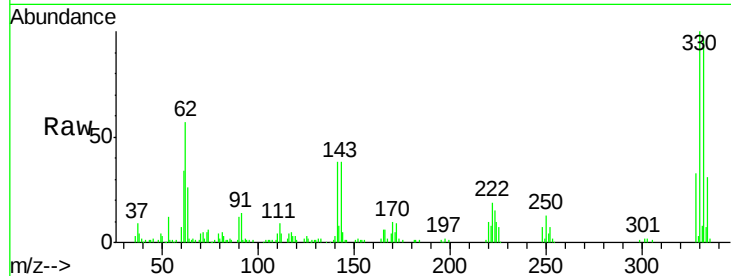
#41
 2,4,6-Tribromophenol
 Concen: 29.325 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF104380.D
 Acq: 9 Apr 2018 18:49

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-040618-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	36.1	29.9	44.9

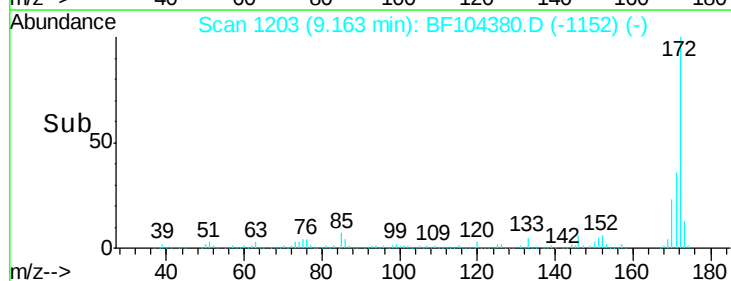
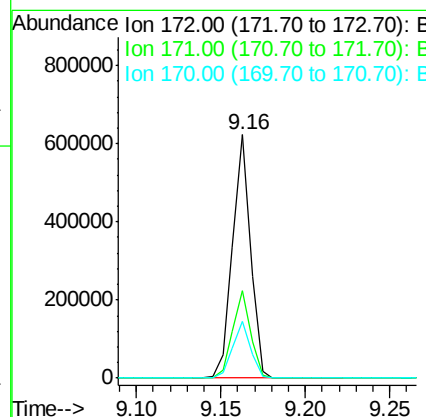
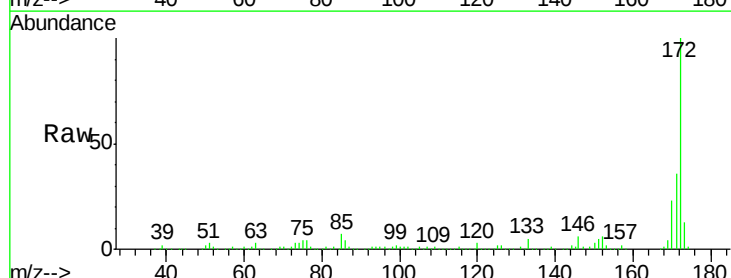
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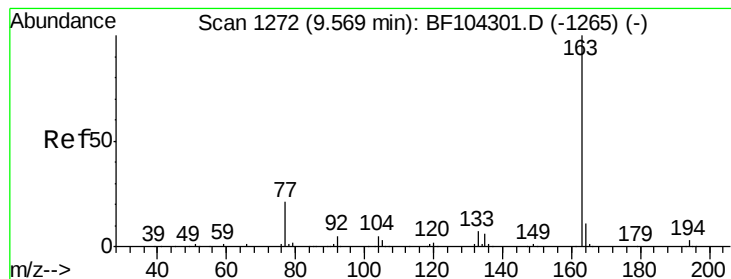
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#44
 2-Fluorobiphenyl
 Concen: 30.062 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF104380.D
 Acq: 9 Apr 2018 18:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.3	19.6	29.4





#49

Dimethylphthalate

Concen: 2.300 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF104380.D

Acq: 9 Apr 2018 18:49

Instrument :

BNA_F

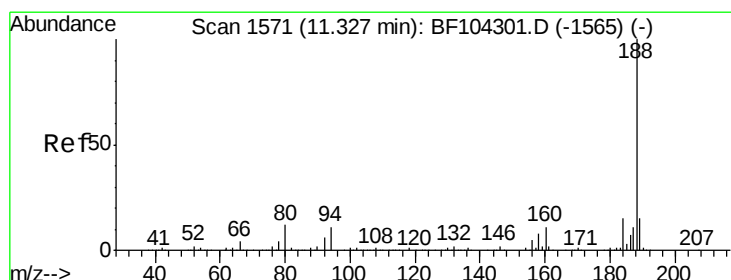
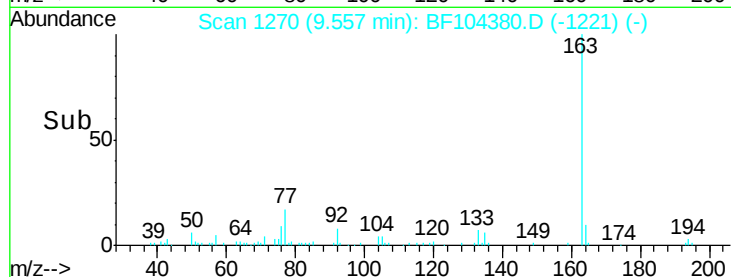
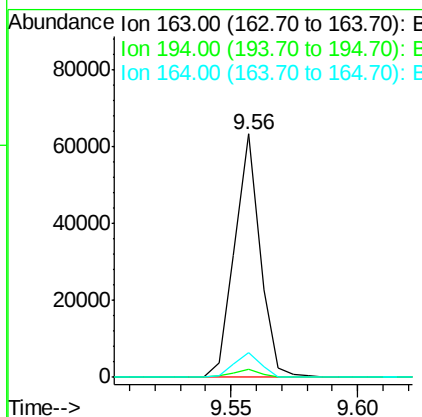
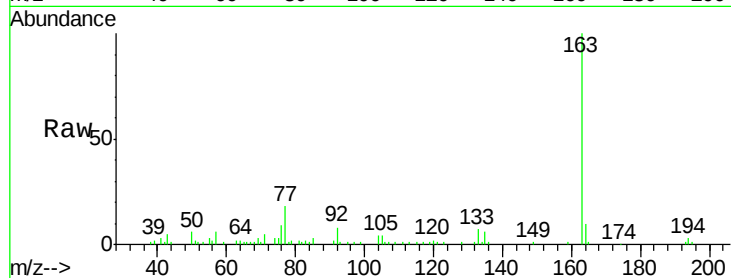
ClientSampleId :

CL-01-040618-C

Tot Ion:	163	Resp:	43994
Ion Ratio	Lower	Upper	
163	100		
194	3.1	2.7	4.1
164	10.2	8.2	12.2

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#63

Phenanthrene-d10

Concen: 20.000 ng

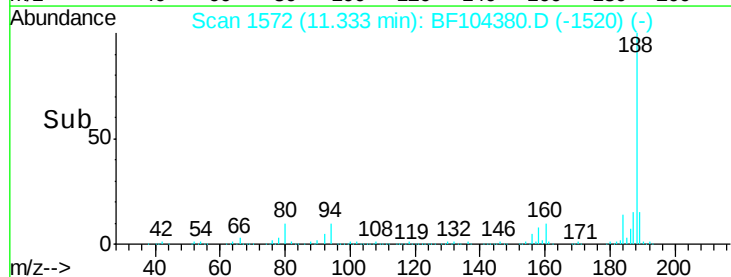
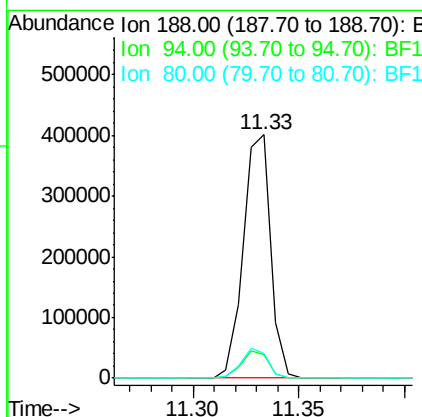
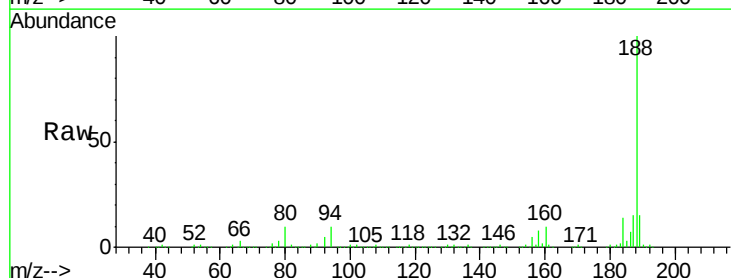
RT: 11.33 min Scan# 1572

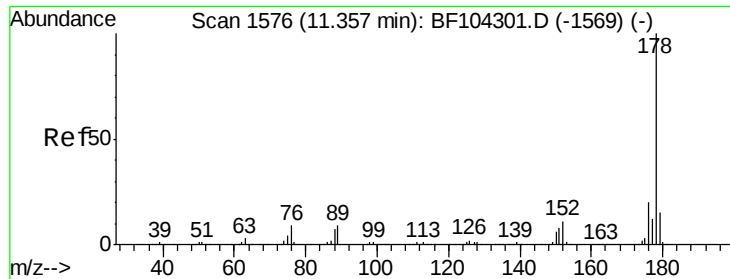
Delta R.T. 0.01 min

Lab File: BF104380.D

Acq: 9 Apr 2018 18:49

Tgt Ion:	188	Resp:	358653
Ion Ratio	Lower	Upper	
188	100		
94	9.8	8.5	12.7
80	10.3	9.2	13.8





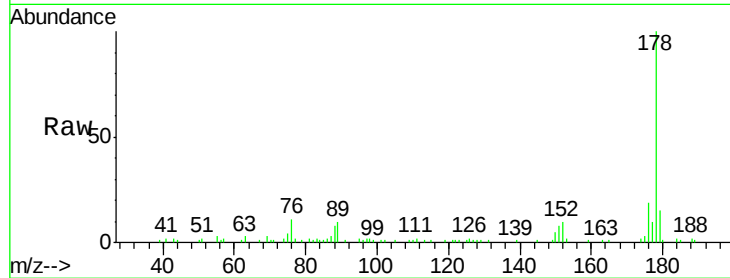
#70
Phenanthrene
Concen: 2.350 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF104380.D
Acq: 9 Apr 2018 18:49

Instrument :
BNA_F
ClientSampleId :
CL-01-040618-C

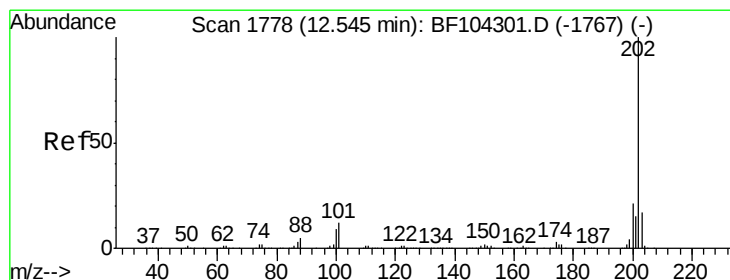
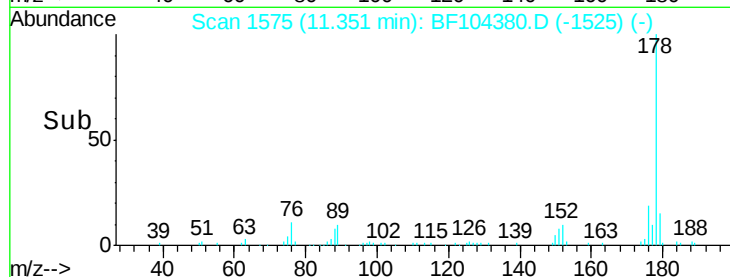
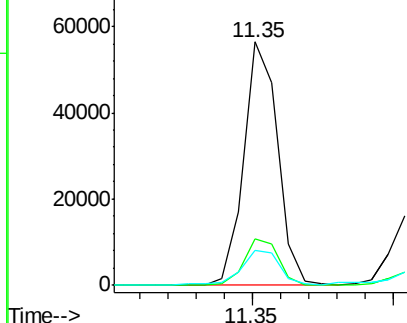
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	14.6	13.0	19.6

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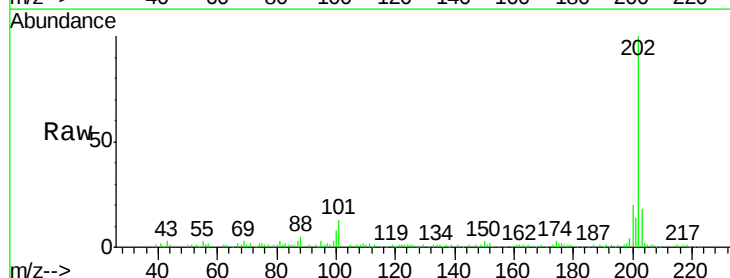


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

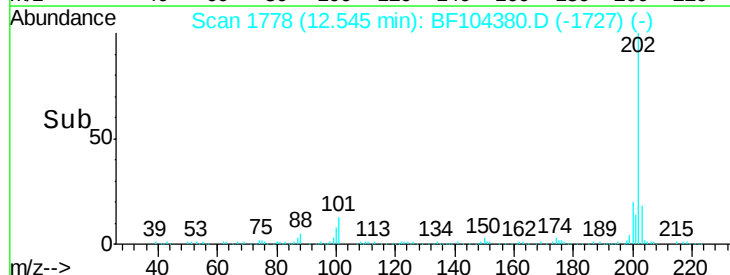
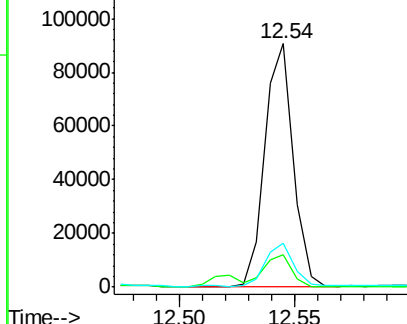


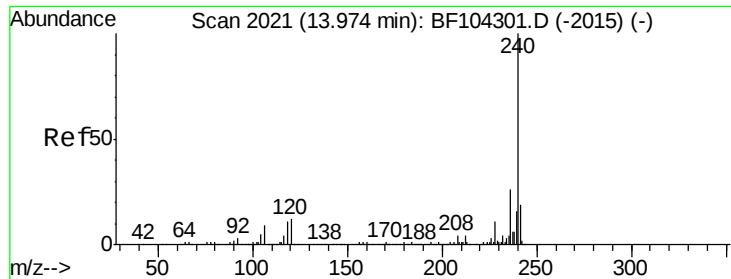
#74
Fluoranthene
Concen: 3.730 ng
RT: 12.54 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BF104380.D
Acq: 9 Apr 2018 18:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	34.1
203	18.1	0.0	38.1



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# 2021

Delta R.T. -0.00 min

Lab File: BF104380.D

Acq: 9 Apr 2018 18:49

Instrument :

BNA_F

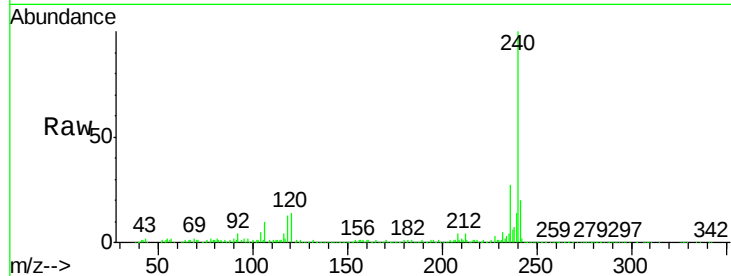
ClientSampleId :

CL-01-040618-C

Tot Ion:	240	Resp:	349678
Ion Ratio	Lower	Upper	
240	100		
120	14.2	9.5	14.3
236	26.9	20.7	31.1

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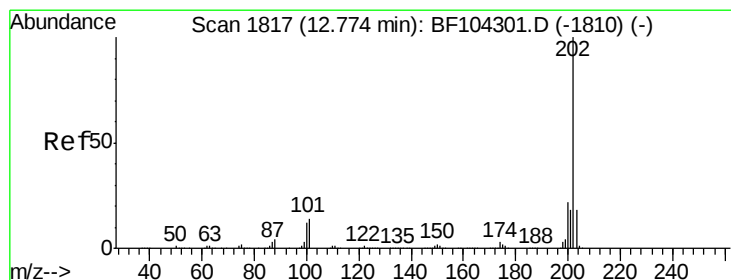
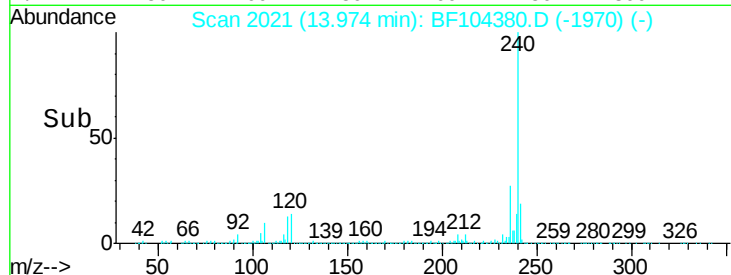
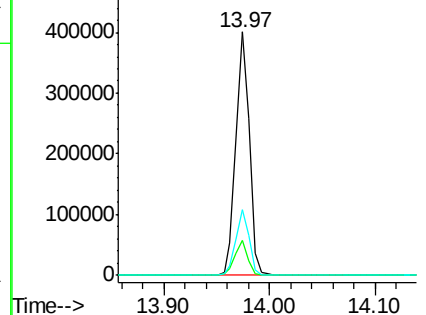
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 2.794 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF104380.D

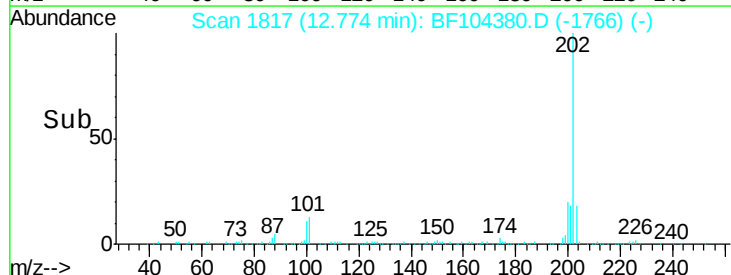
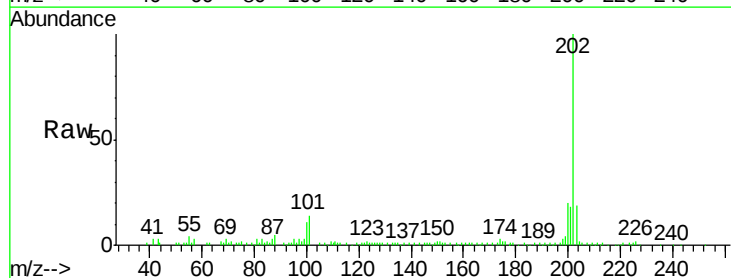
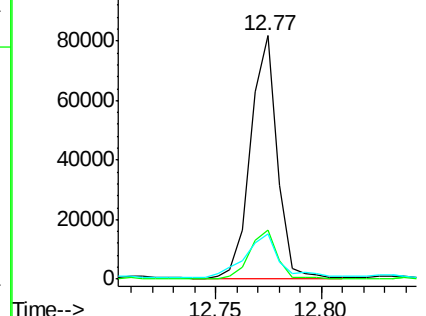
Acq: 9 Apr 2018 18:49

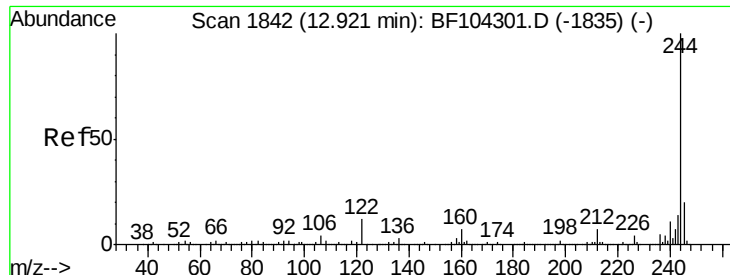
Tgt Ion:	202	Resp:	72420
Ion Ratio	Lower	Upper	
202	100		
200	20.0	17.4	26.2
203	18.7	14.3	21.5

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: 22.521 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF104380.D

Acq: 9 Apr 2018 18:49

Instrument :

BNA_F

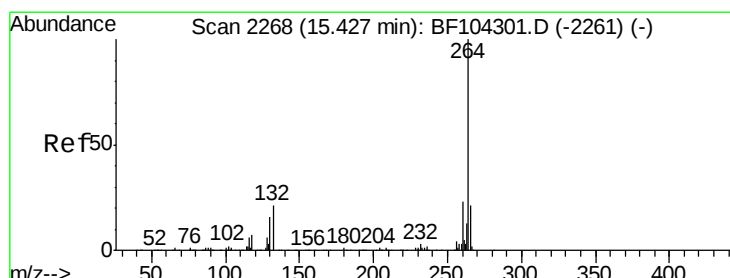
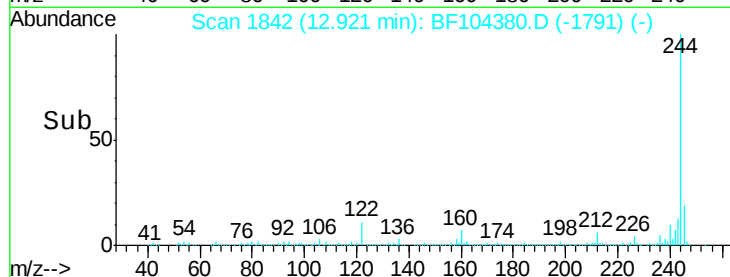
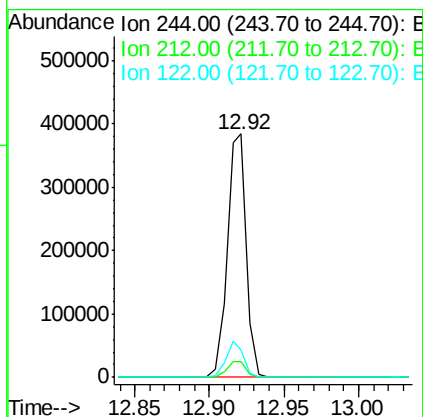
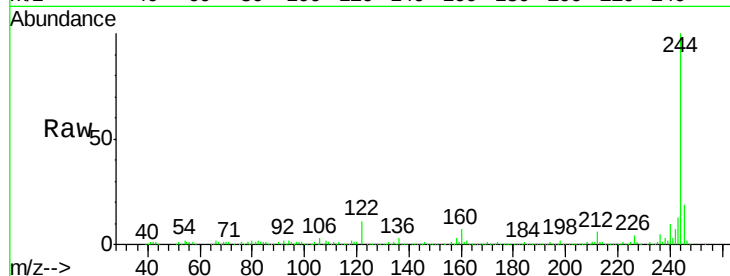
ClientSampleId :

CL-01-040618-C

Tot Ion:	244	Resp:	345422
Ion Ratio	Lower	Upper	
244	100		
212	6.3	5.4	8.0
122	11.0	11.0	16.4

Manual Integrations
APPROVED

Sohil
4/10/2018 12:00:21 PM



#86

Perylene-d12

Concen: 20.000 ng

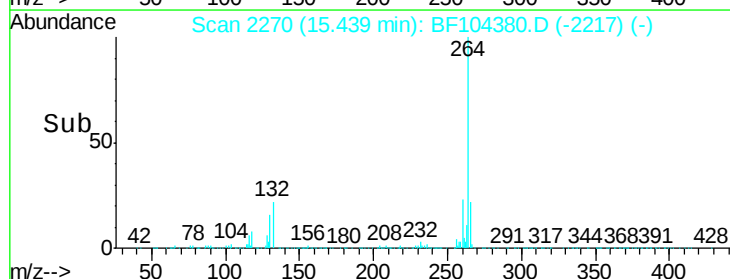
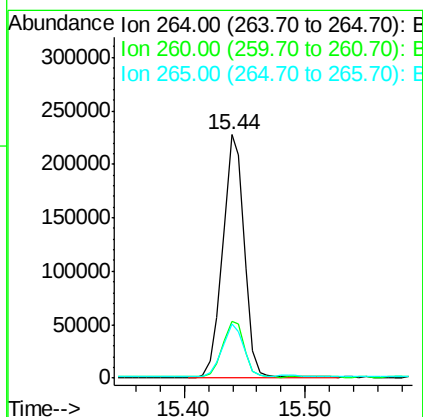
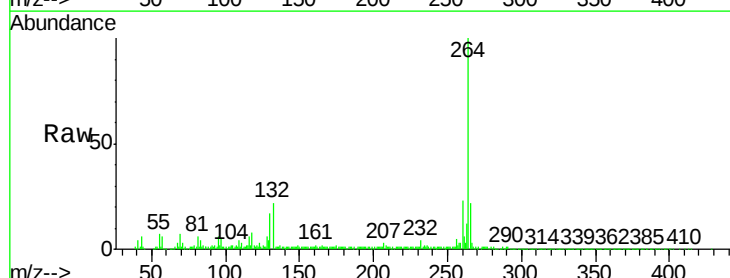
RT: 15.44 min Scan# 2270

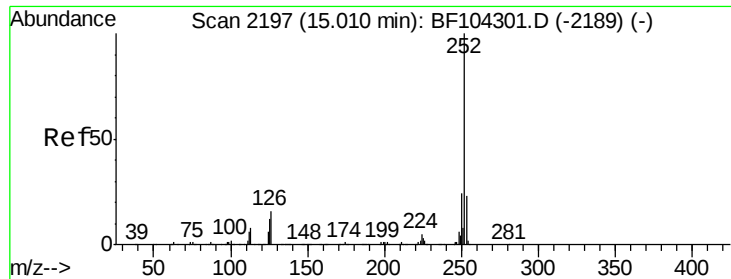
Delta R.T. 0.01 min

Lab File: BF104380.D

Acq: 9 Apr 2018 18:49

Tgt Ion:	264	Resp:	278072
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.2	28.8
265	22.1	17.5	26.3





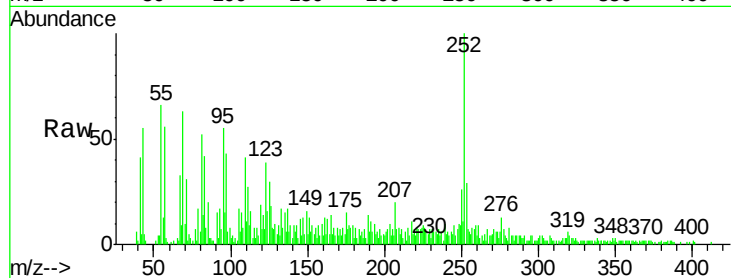
#87
 Benzo(b)fluoranthene
 Concen: 2.234 ng/ml
 RT: 15.02 min Scan# 2198
 Delta R.T. 0.01 min
 Lab File: BF104380.D
 Acq: 9 Apr 2018 18:49

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-040618-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.2	17.0	25.6
125	29.7	9.0	13.6

Manual Integrations
 APPROVED

Sohil
 4/10/2018 12:00:21 PM



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

