

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041818\
 Data File : BF104616.D
 Acq On : 18 Apr 2018 22:37
 Operator : JU/SJ
 Sample : J2423-01DL 2X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NYS-RBR200034DL

Manual Integrations
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Sohil
 4/19/2018 12:43:24 PM

Quant Time: Apr 19 01:51:02 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	127750	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	497761	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	205907	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	307421	20.00	ng	0.00
75) Chrysene-d12	13.97	240	272222	20.00	ng	0.00
86) Perylene-d12	15.43	264	273865	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	409267	48.99	ng	0.00
7) Phenol-d6	6.43	99	482851	47.04	ng	0.00
23) Nitrobenzene-d5	7.36	82	286494	37.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	92204	43.17	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	535164	41.06	ng	-0.01
78) Terphenyl-d14	12.92	244	395628	33.13	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.55	163	46879	2.887	ng	98
51) Acenaphthene	9.87	154	126136	9.644	ng	97
54) Dibenzofuran	10.05	168	89826	4.928	ng	99
57) Fluorene	10.39	166	171940	12.960	ng	99
70) Phenanthrene	11.36	178	814005	47.547	ng	98
71) Anthracene	11.40	178	107024	6.150	ng	97
74) Fluoranthene	12.54	202	925635	51.749	ng	99
77) Pyrene	12.77	202	644608	31.946	ng	99
80) Benzo(a)anthracene	13.96	228	197667m	12.155	ng	
82) Chrysene	14.00	228	150416m	9.005	ng	
87) Benzo(b)fluoranthene	15.01	252	135029m	7.807	ng	
88) Benzo(k)fluoranthene	15.03	252	39512m	2.420	ng	
89) Benzo(a)pyrene	15.37	252	62779	4.056	ng	98

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

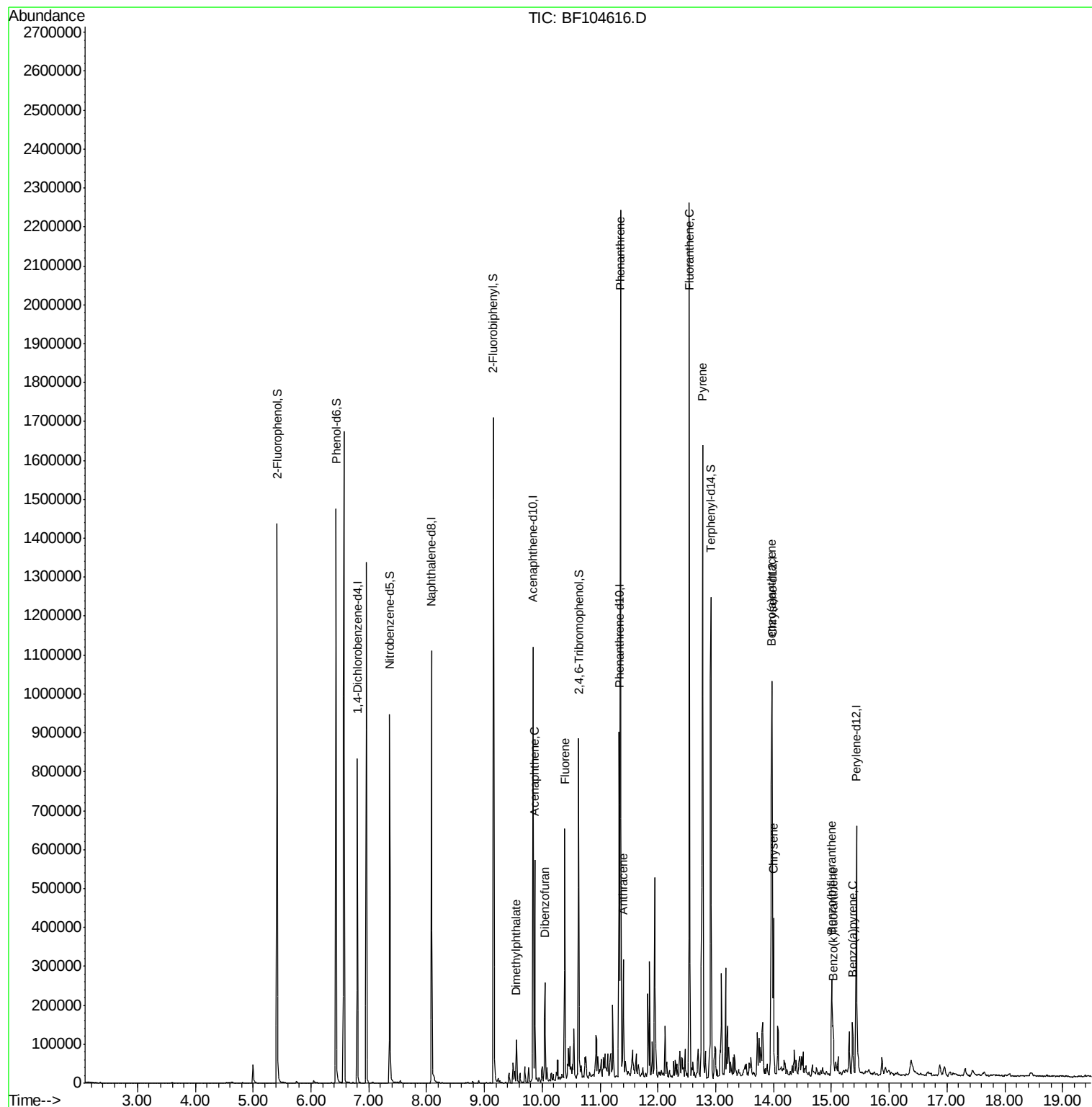
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041818\
Data File : BF104616.D
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Operator : JU/SJ
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Misc :
ALS Vial : 28 Sample Multiplier: 1

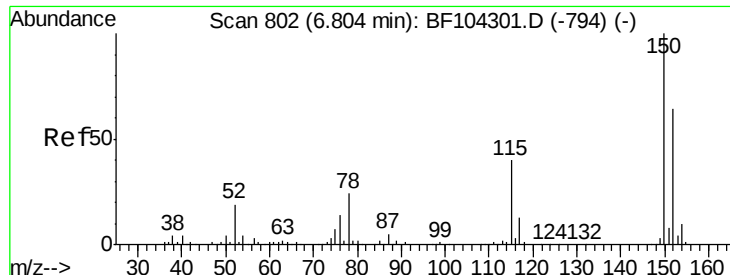
Instrument :
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Quant Time: Apr 19 01:51:02 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

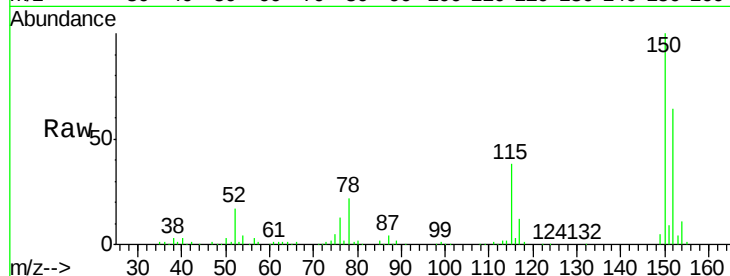
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104616.D
Acq: 18 Apr 2018 22:37

Instrument :
BNA_F
ClientSampleId :
NYS-RBR200034DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	58.5	50.1	75.1

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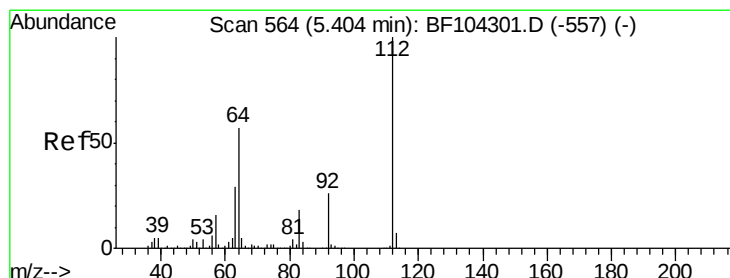
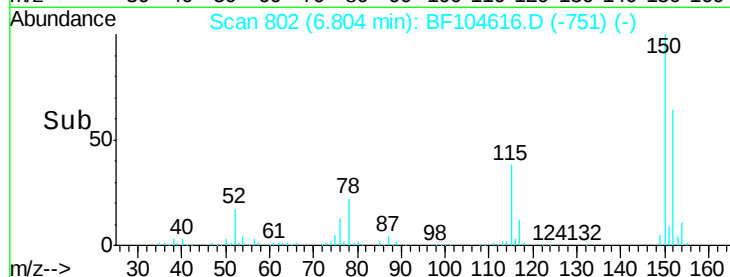
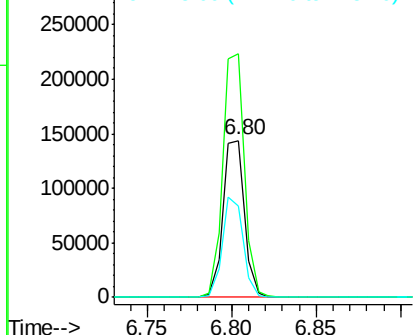


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

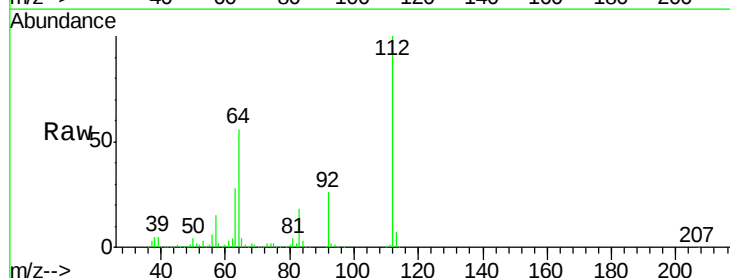
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 48.986 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF104616.D
Acq: 18 Apr 2018 22:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	47.9	71.9
63	28.0	23.7	35.5

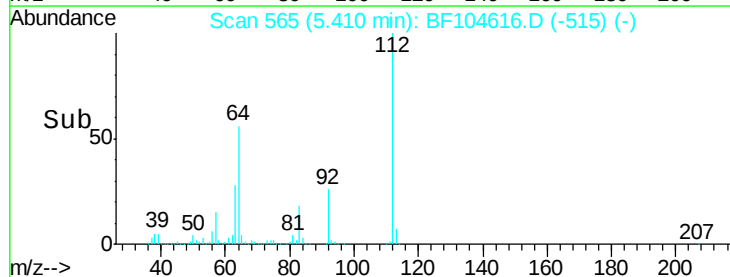
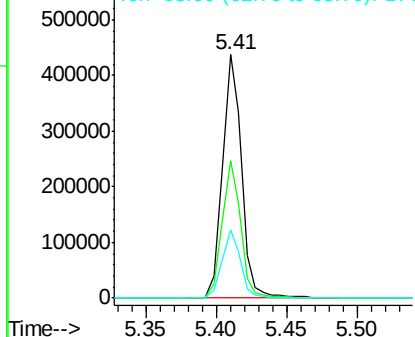


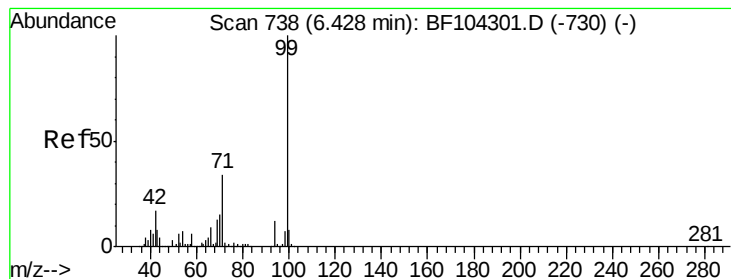
Abundance

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: 47.037 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF104616.D

Acq: 18 Apr 2018 22:37

Instrument :

BNA_F

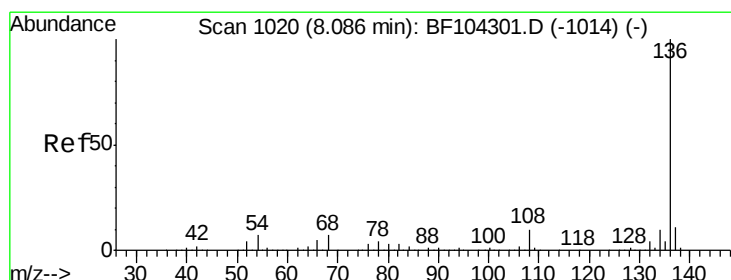
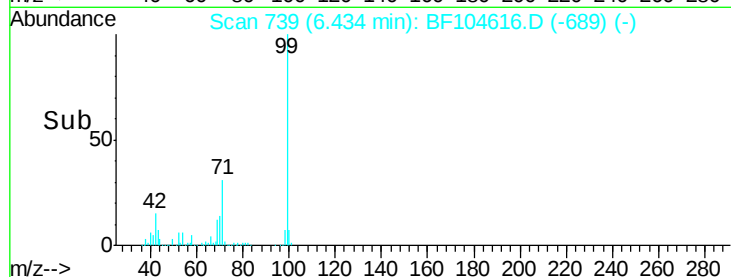
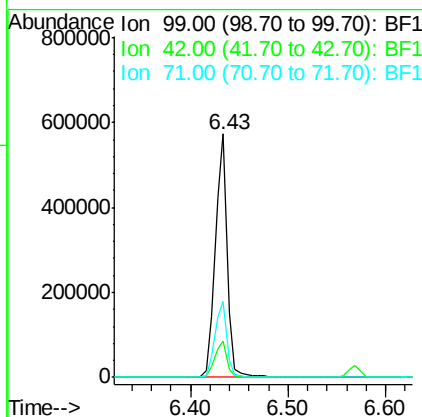
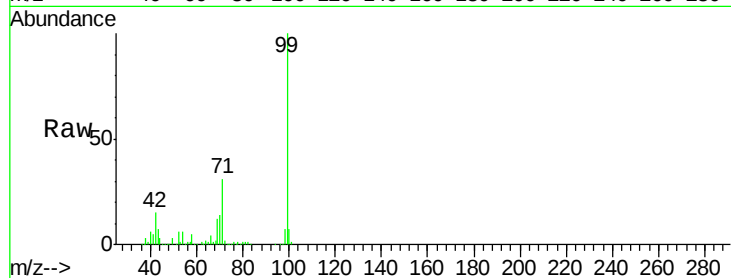
ClientSampleId :

NYS-RBR200034DL

Tot Ion:	99	Resp:	482851
Ion Ratio	Lower	Upper	
99	100		
42	14.7	14.5	21.7
71	31.2	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

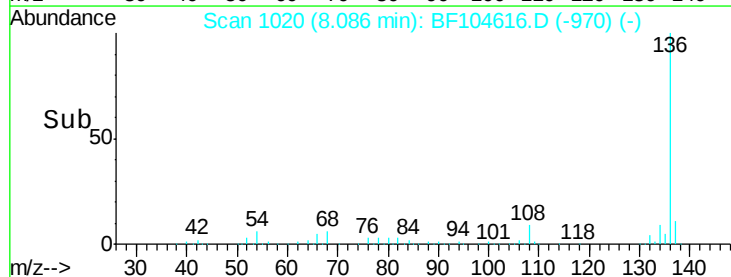
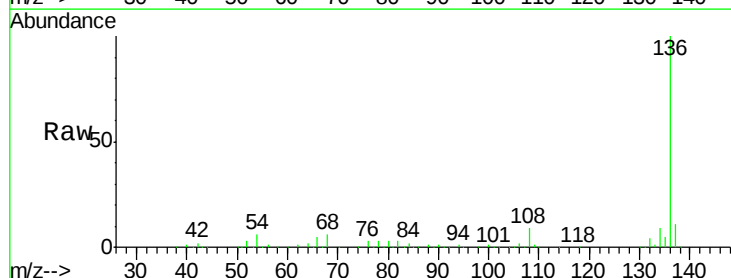
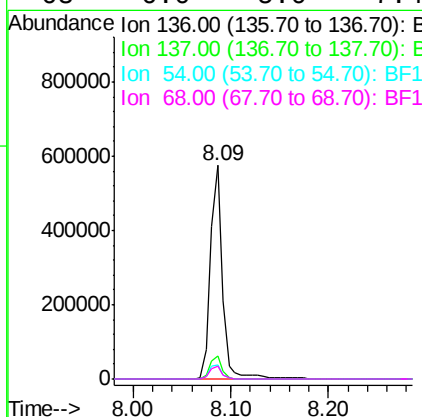
RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF104616.D

Acq: 18 Apr 2018 22:37

Tgt Ion:	136	Resp:	497761
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	6.4	6.6	9.8#
68	6.0	5.0	7.4





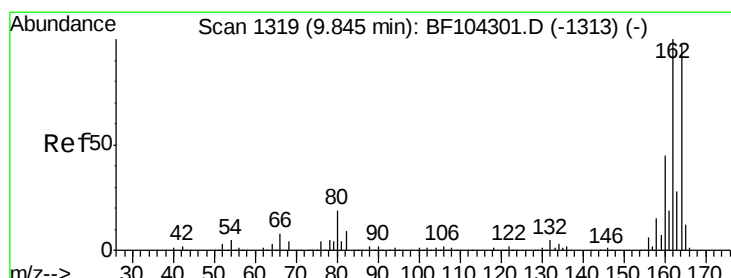
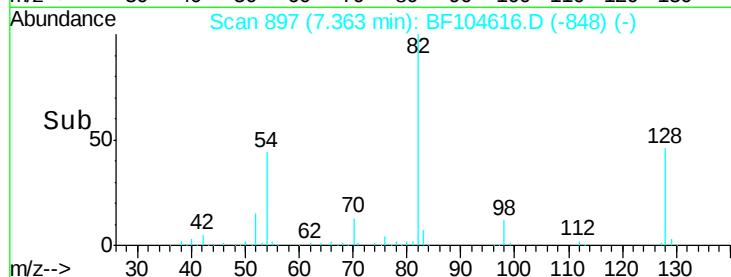
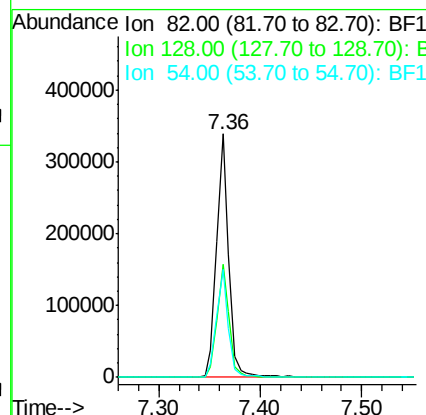
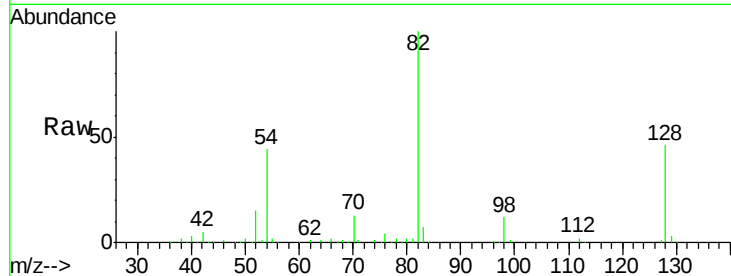
#23
Nitrobenzene-d5
Concen: 37.583 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104616.D
Acq: 18 Apr 2018 22:37

Instrument :
BNA_F
ClientSampleId :
NYS-RBR200034DL

Tot Ion	Ratio	Resp	Lower	Upper
82	100	286494		
128	46.3	36.1	54.1	
54	44.4	41.4	62.2	

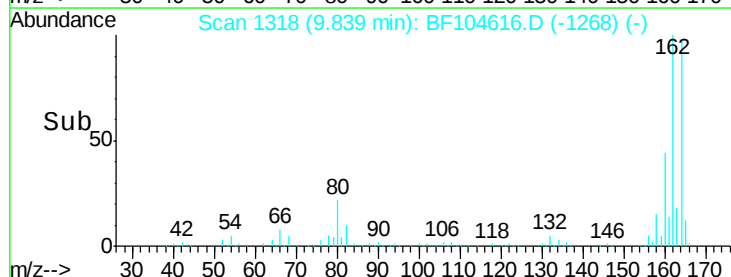
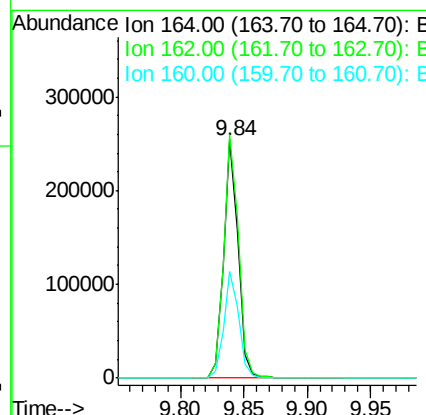
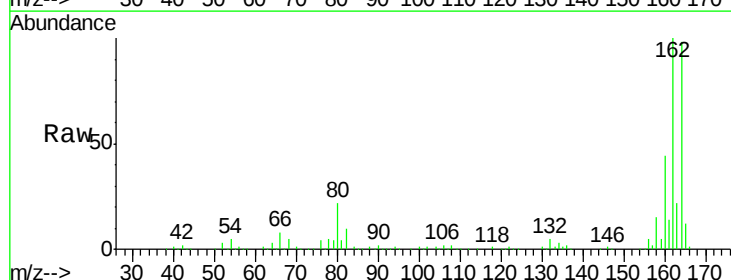
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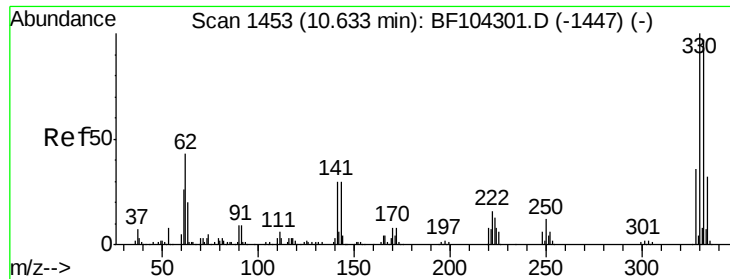
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104616.D
Acq: 18 Apr 2018 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	205907		
162	102.2	86.1	129.1	
160	44.8	38.3	57.5	





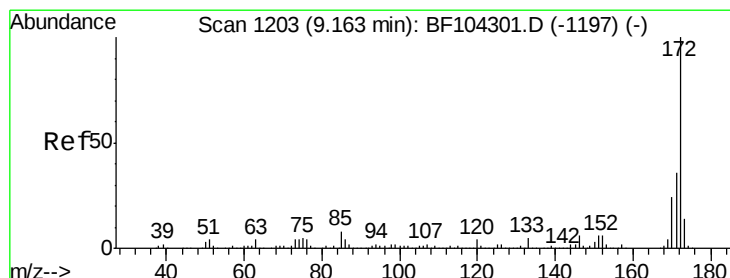
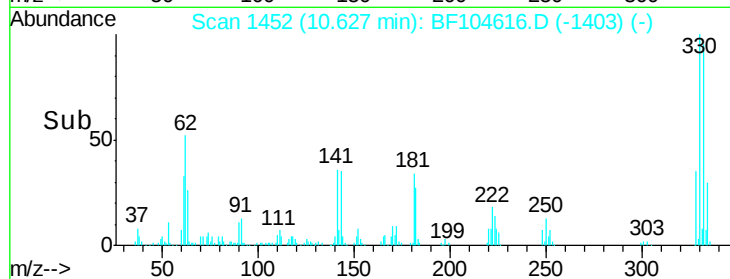
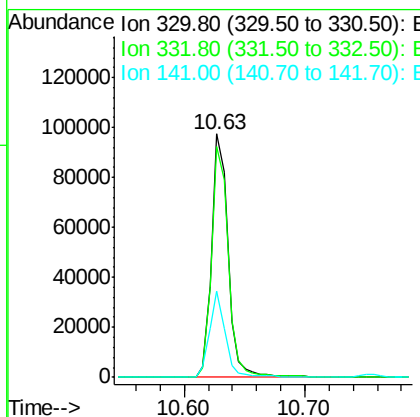
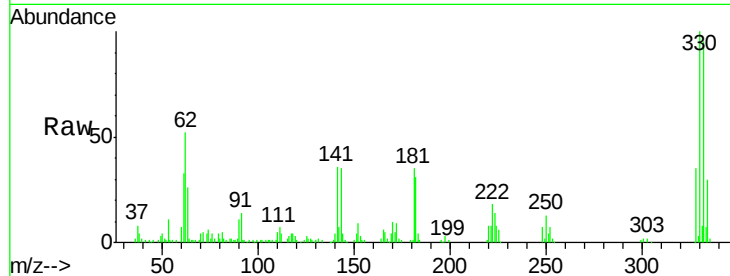
#41
 2,4,6-Tribromophenol
 Concen: 43.168 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF104616.D
 Acq: 18 Apr 2018 22:37

Instrument :
 BNA_F
 ClientSampleId :
 NYS-RBR200034DL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	33.8	29.9	44.9

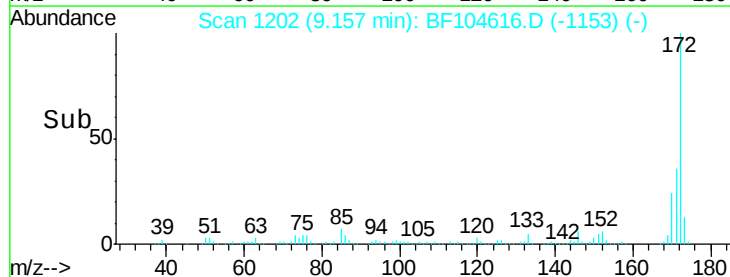
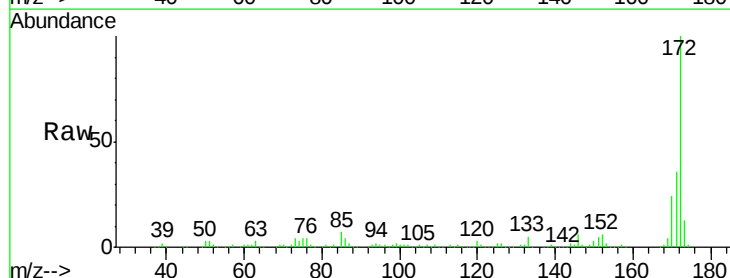
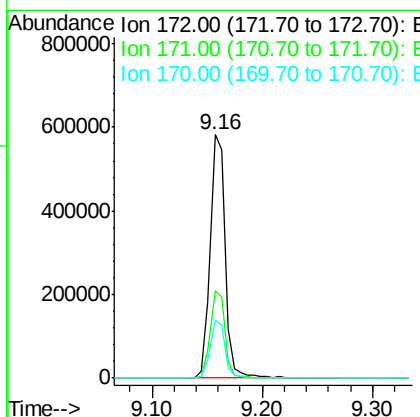
Manual Integrations
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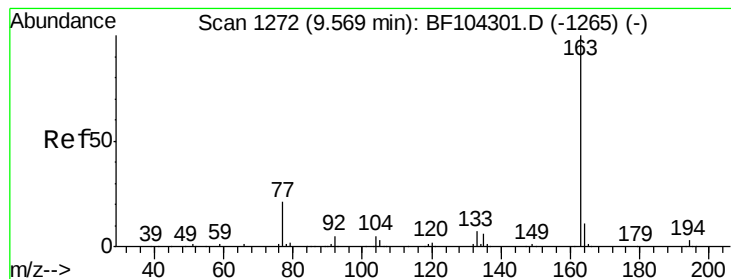
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#44
 2-Fluorobiphenyl
 Concen: 41.059 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF104616.D
 Acq: 18 Apr 2018 22:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.8	19.6	29.4





#49

Dimethylphthalate

Concen: 2.887 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF104616.D

Acq: 18 Apr 2018 22:37

Instrument :

BNA_F

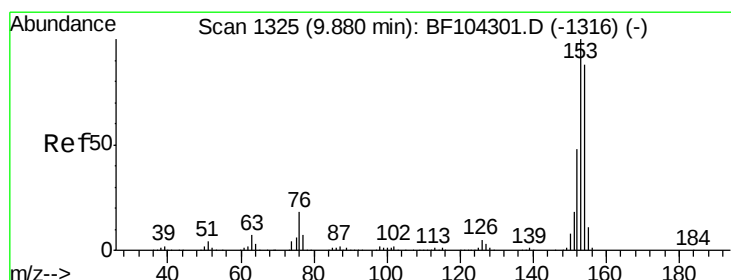
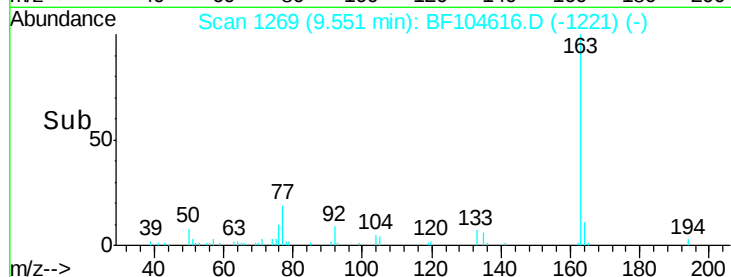
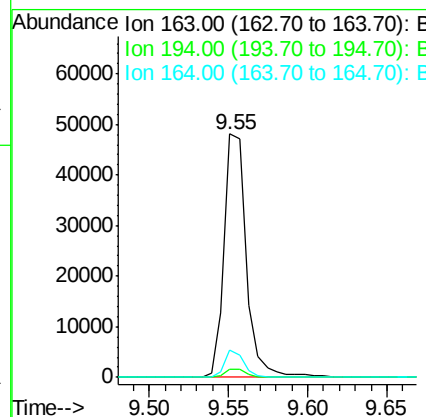
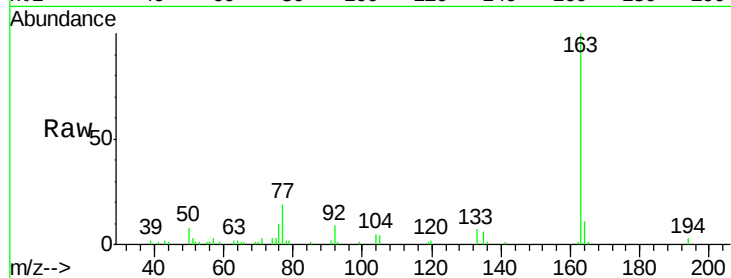
ClientSampleId :

NYS-RBR200034DL

Tot Ion:	163	Resp:	46879
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.7	4.1
164	11.1	8.2	12.2

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#51

Acenaphthene

Concen: 9.644 ng

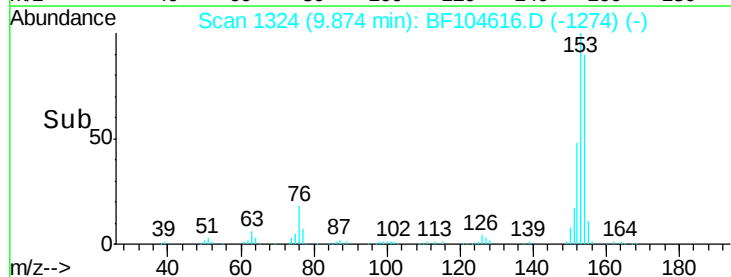
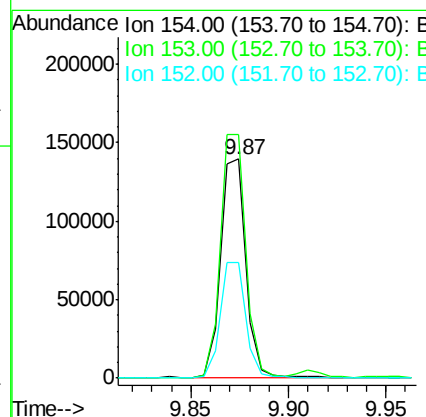
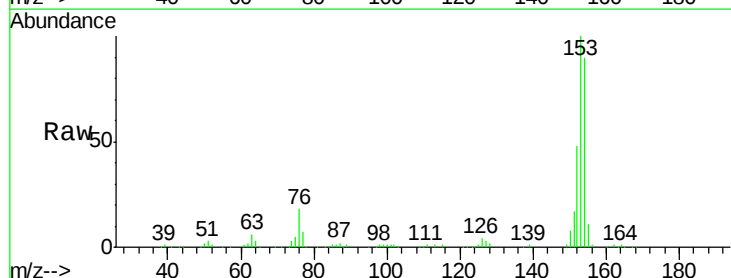
RT: 9.87 min Scan# 1324

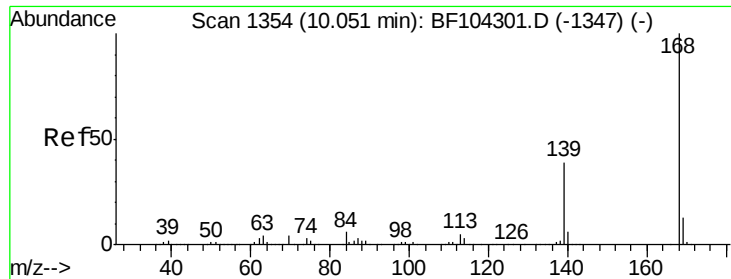
Delta R.T. -0.01 min

Lab File: BF104616.D

Acq: 18 Apr 2018 22:37

Tgt Ion:	154	Resp:	126136
Ion Ratio	Lower	Upper	
154	100		
153	111.0	91.2	136.8
152	52.8	43.8	65.8





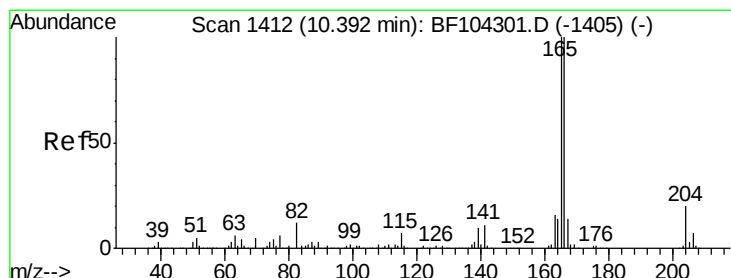
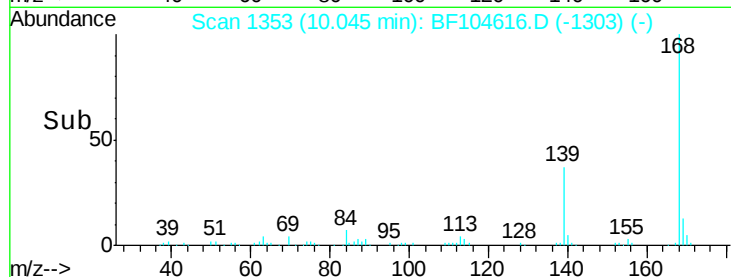
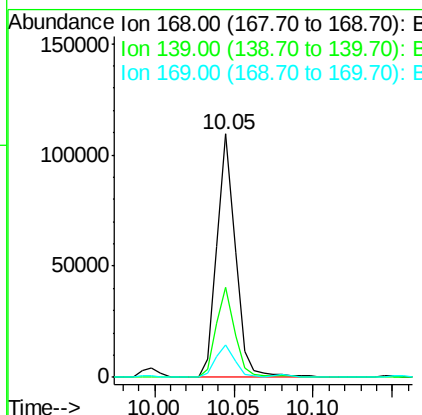
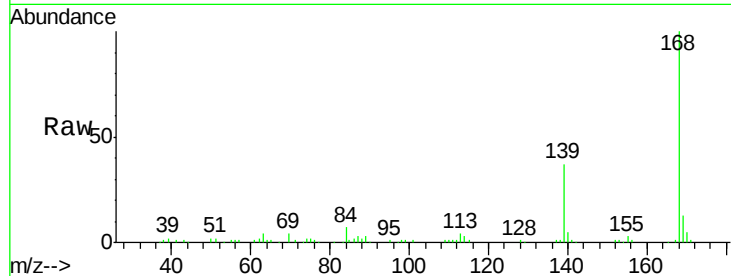
#54
Dibenzofuran
Concen: 4.928 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF104616.D
Acq: 18 Apr 2018 22:37

Instrument :
BNA_F
ClientSampleId :
NYS-RBR200034DL

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.9	30.1	45.1
169	13.2	10.9	16.3

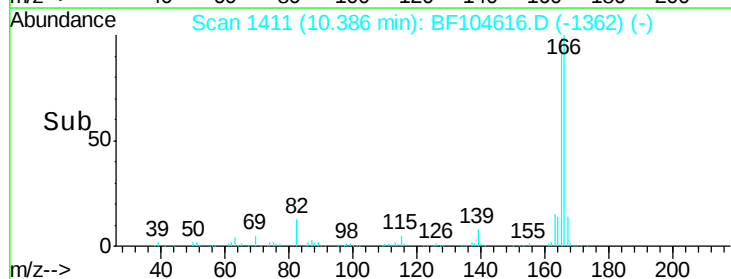
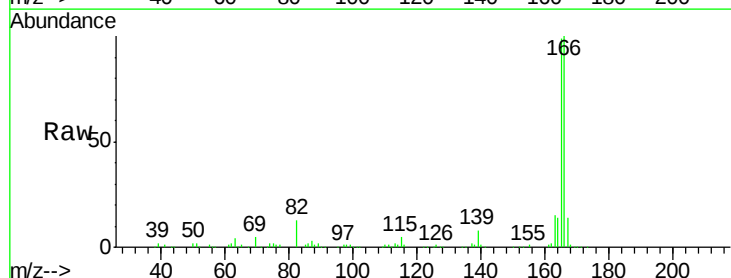
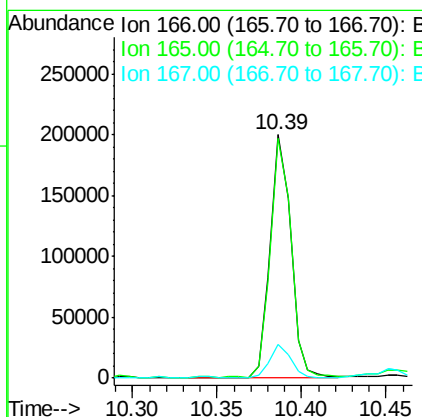
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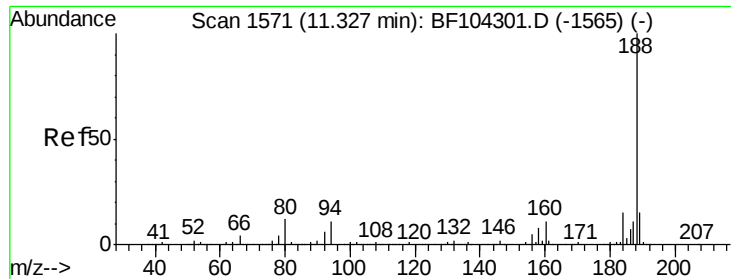
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#57
Fluorene
Concen: 12.960 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF104616.D
Acq: 18 Apr 2018 22:37

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.8	119.8
167	13.8	10.6	16.0





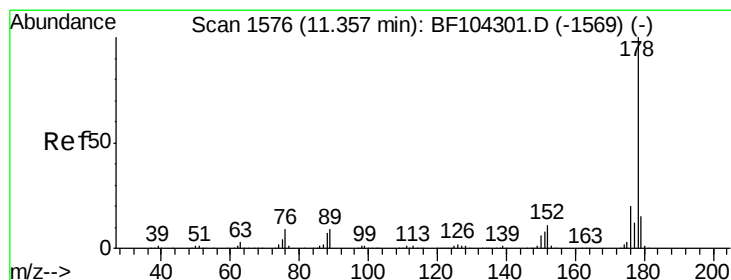
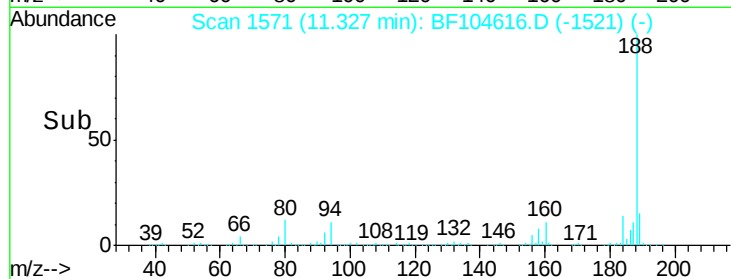
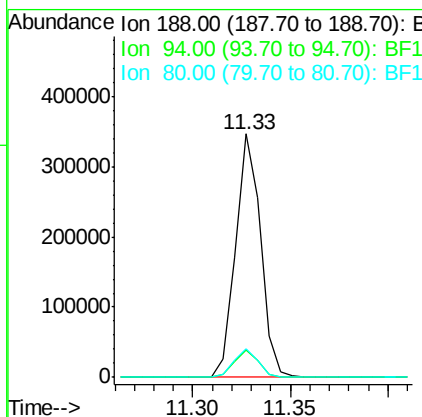
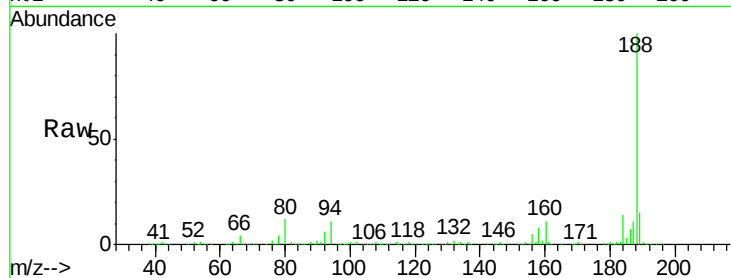
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104616.D
Acq: 18 Apr 2018 22:37

Instrument :
BNA_F
ClientSampleId :
NYS-RBR200034DL

Tot Ion	Ratio	Resp	Lower	Upper
188	100	307421		
94	11.2		8.5	12.7
80	11.9		9.2	13.8

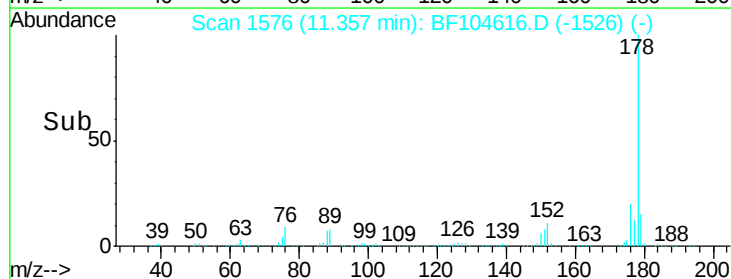
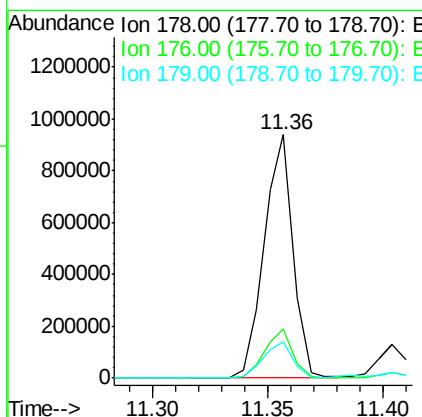
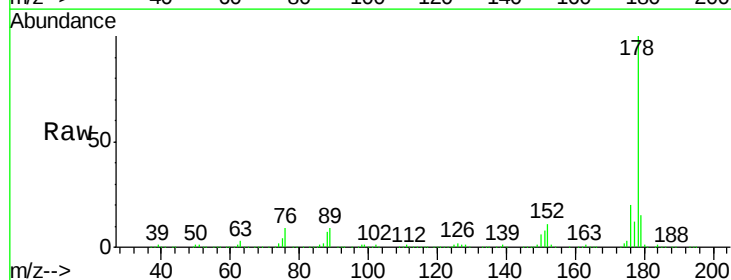
Manual Integrations
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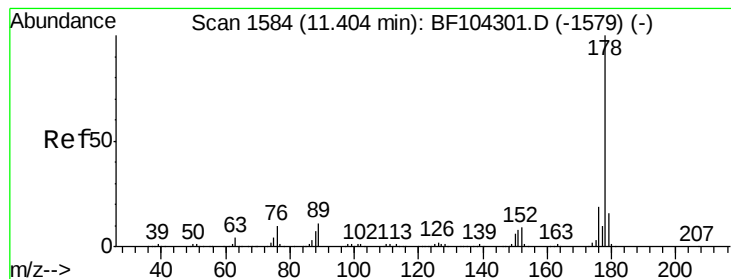
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#70
Phenanthrene
Concen: 47.547 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF104616.D
Acq: 18 Apr 2018 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	814005		
176	19.9		15.8	23.8
179	14.9		13.0	19.6





#71

Anthracene

Concen: 6.150 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF104616.D

Acq: 18 Apr 2018 22:37

Instrument :

BNA_F

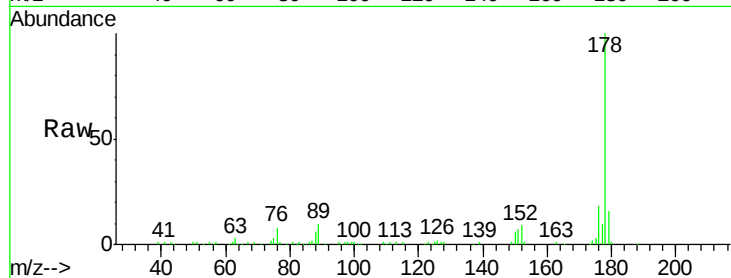
ClientSampleId :

NYS-RBR200034DL

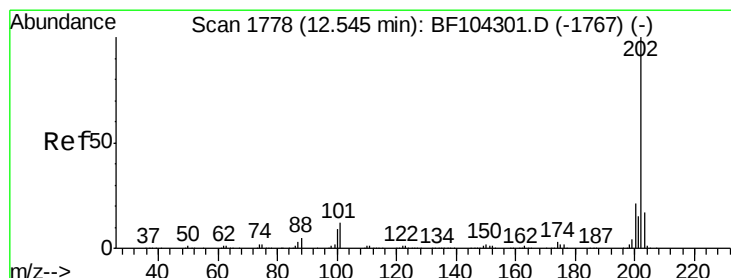
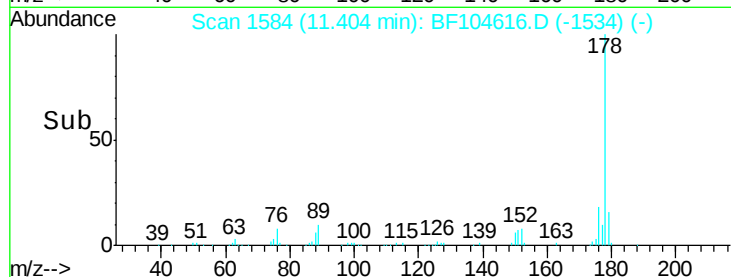
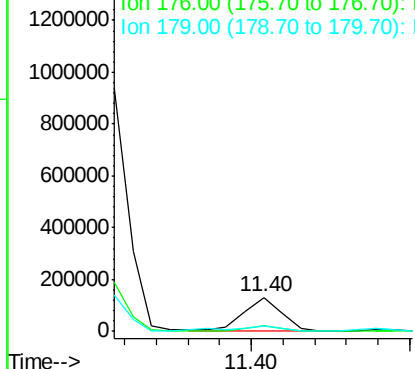
Tot Ion:	178	Resp:	107024
Ion Ratio	Lower	Upper	
178	100		
176	17.5	15.4	23.2
179	16.3	12.6	19.0

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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: 51.749 ng

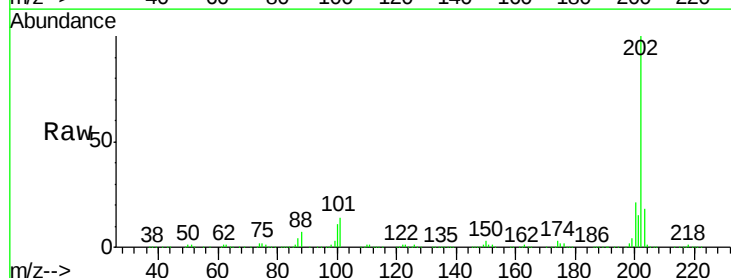
RT: 12.54 min Scan# 1778

Delta R.T. -0.01 min

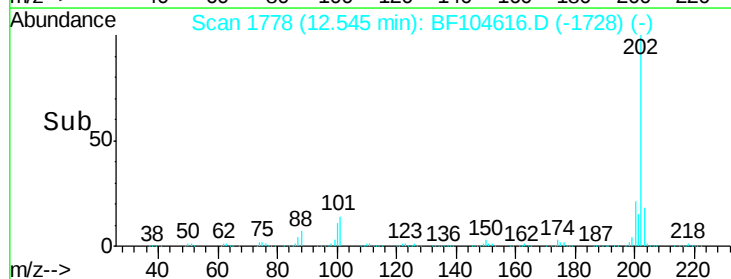
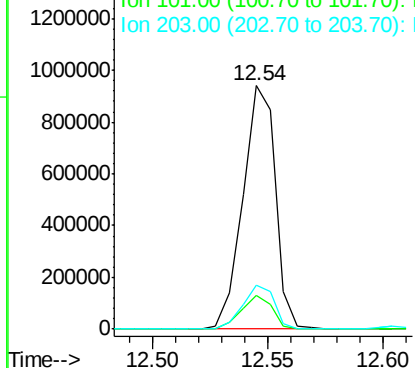
Lab File: BF104616.D

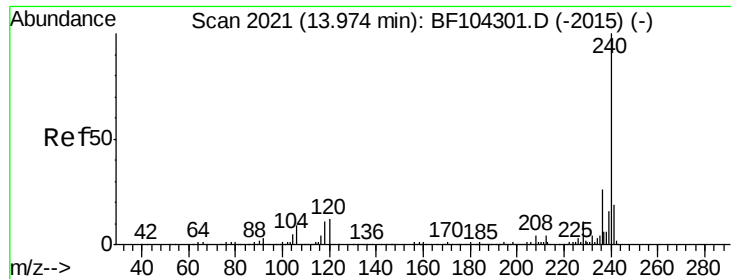
Acq: 18 Apr 2018 22:37

Tgt Ion:	202	Resp:	925635
Ion Ratio	Lower	Upper	
202	100		
101	13.9	0.0	34.1
203	17.8	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. -0.01 min

Lab File: BF104616.D

Acq: 18 Apr 2018 22:37

Instrument :

BNA_F

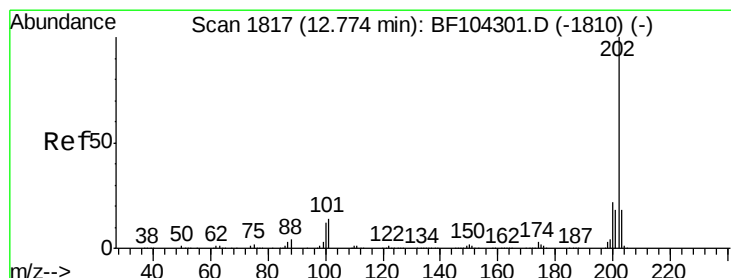
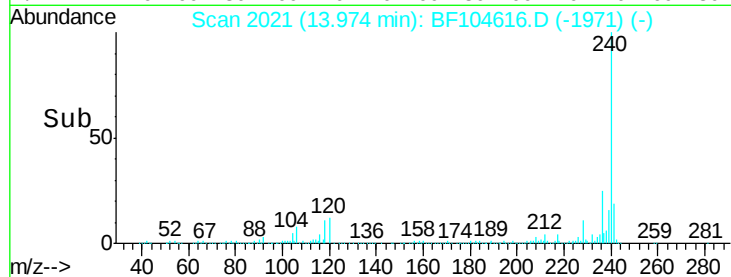
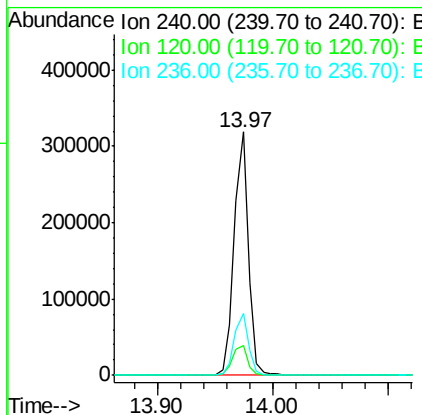
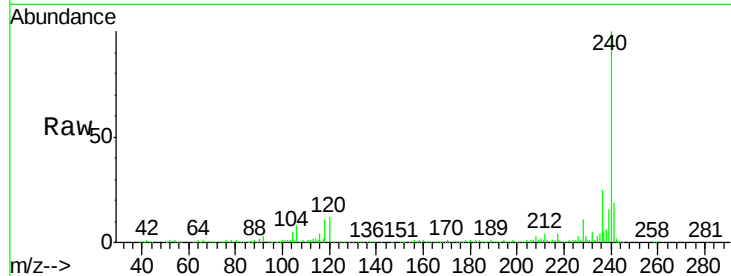
ClientSampleId :

NYS-RBR200034DL

Tot Ion:	240	Resp:	272222
Ion Ratio	Lower	Upper	
240	100		
120	12.4	9.5	14.3
236	25.3	20.7	31.1

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#77

Pyrene

Concen: 31.946 ng

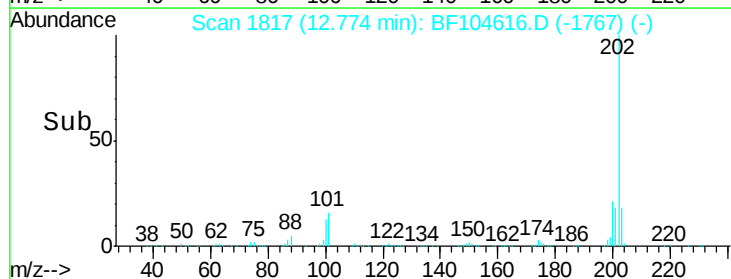
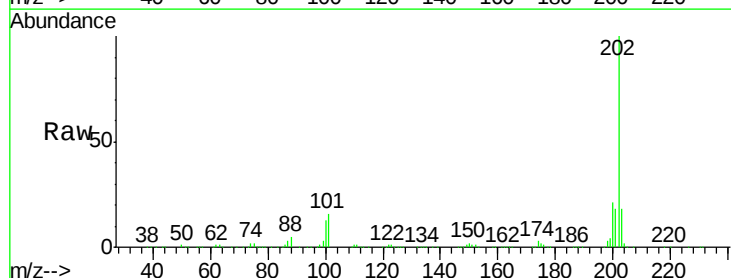
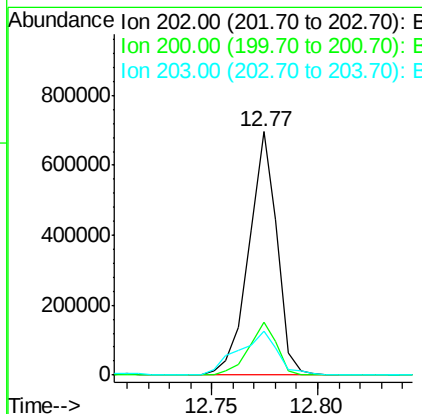
RT: 12.77 min Scan# 1817

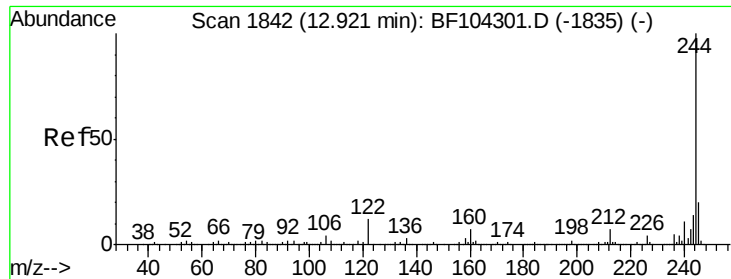
Delta R.T. -0.01 min

Lab File: BF104616.D

Acq: 18 Apr 2018 22:37

Tgt Ion:	202	Resp:	644608
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.4	26.2
203	18.1	14.3	21.5





#78

Terphenyl-d14

Concen: 33.133 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF104616.D

Acq: 18 Apr 2018 22:37

Instrument :

BNA_F

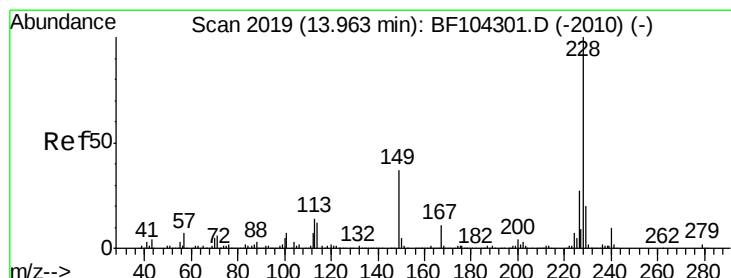
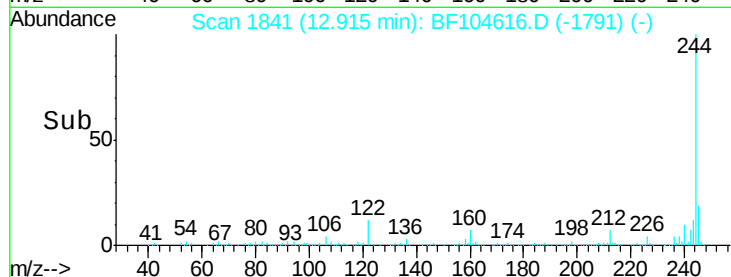
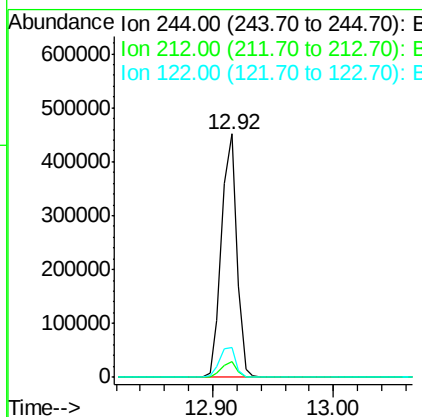
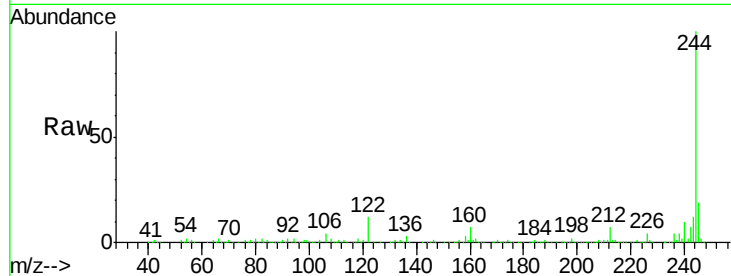
ClientSampleId :

NYS-RBR200034DL

Tot Ion:	244	Resp:	395628
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.4	8.0
122	12.3	11.0	16.4

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#80

Benzo(a)anthracene

Concen: 12.155 ng m

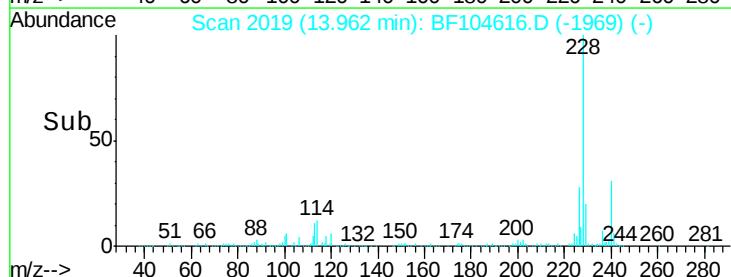
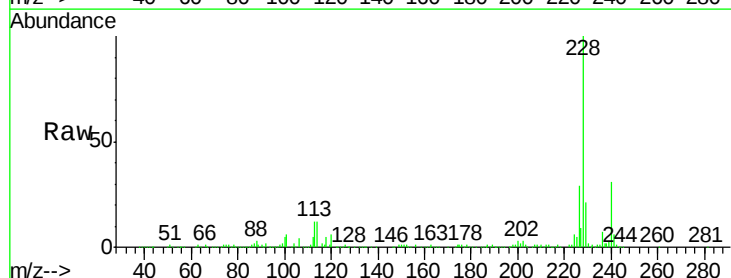
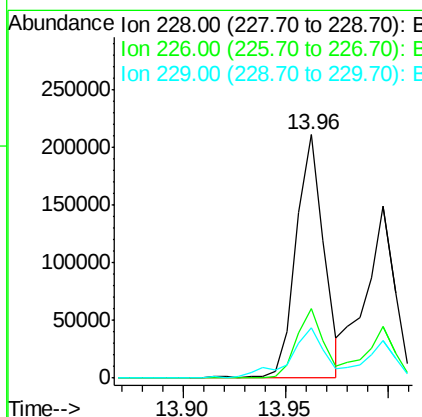
RT: 13.96 min Scan# 2019

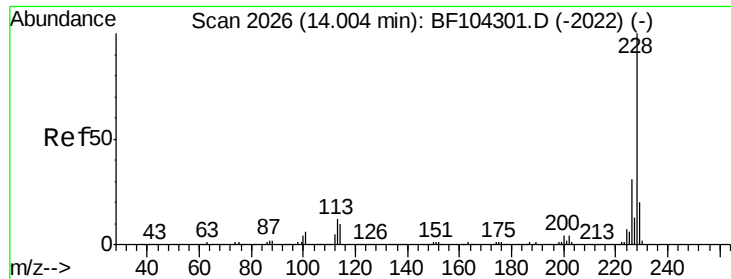
Delta R.T. -0.01 min

Lab File: BF104616.D

Acq: 18 Apr 2018 22:37

Tgt Ion:	228	Resp:	197667
Ion Ratio	Lower	Upper	
228	100		
226	28.7	22.6	33.8
229	20.5	15.8	23.6





#82

Chrysene

Concen: 9.005 ng/mL

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF104616.D

Acq: 18 Apr 2018 22:37

Instrument :

BNA_F

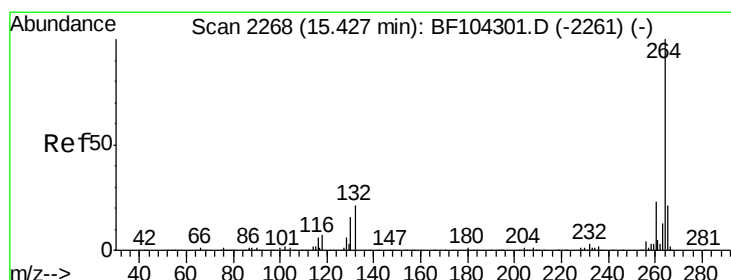
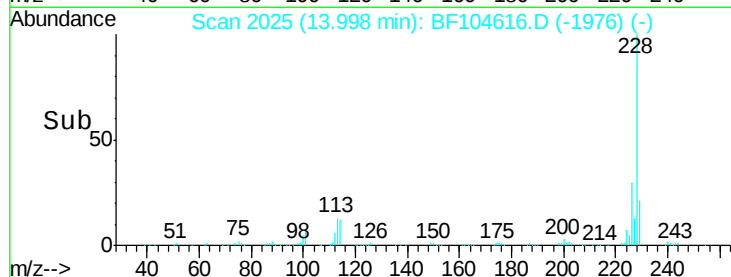
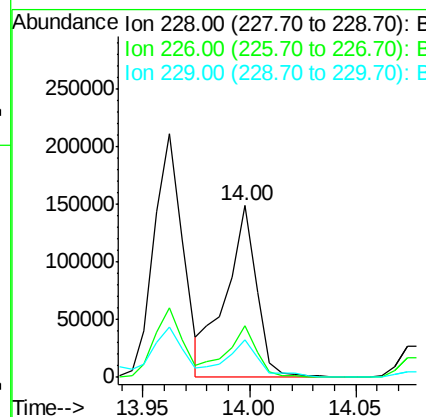
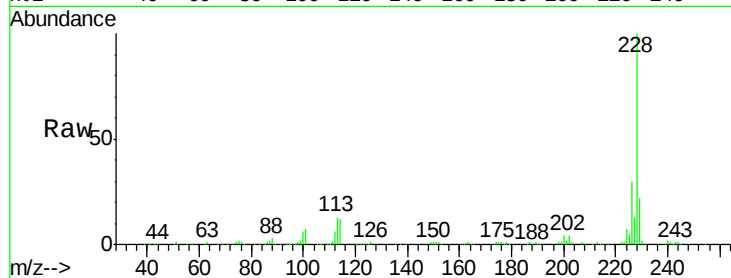
ClientSampleID :

NYS-RBR200034DL

Tot Ion:	228	Resp:	150416
Ion Ratio	Lower	Upper	
228	100		
226	30.0	25.0	37.6
229	21.6	16.2	24.4

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#86

Perylene-d12

Concen: 20.000 ng/mL

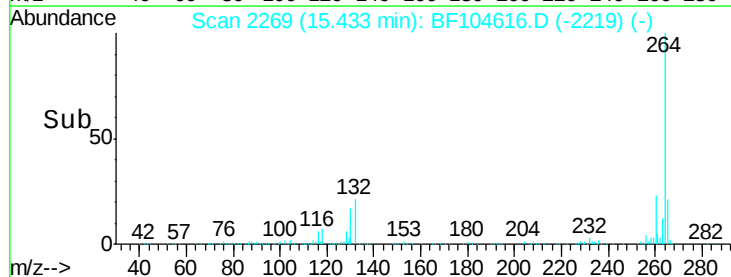
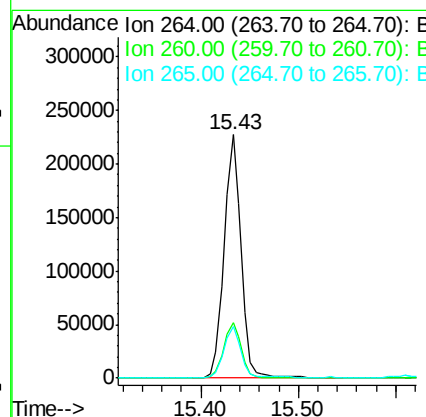
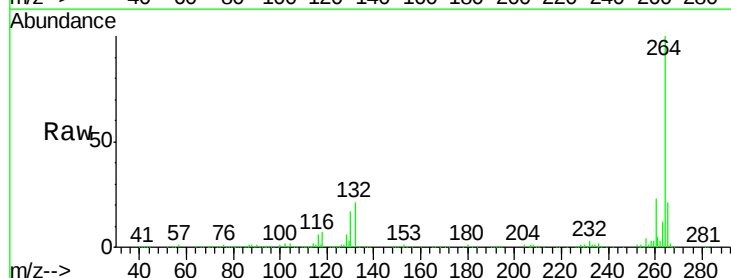
RT: 15.43 min Scan# 2269

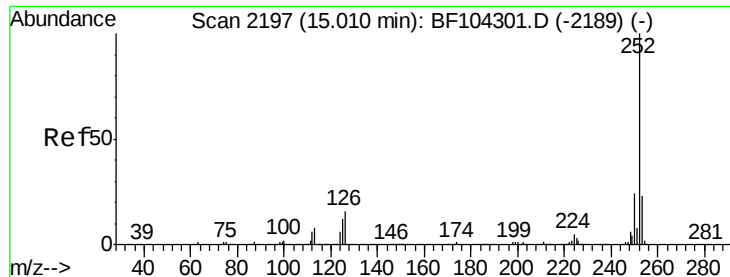
Delta R.T. -0.01 min

Lab File: BF104616.D

Acq: 18 Apr 2018 22:37

Tgt Ion:	264	Resp:	273865
Ion Ratio	Lower	Upper	
264	100		
260	23.0	19.2	28.8
265	21.3	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 7.807 ng m

RT: 15.01 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BF104616.D

Acq: 18 Apr 2018 22:37

Instrument :

BNA_F

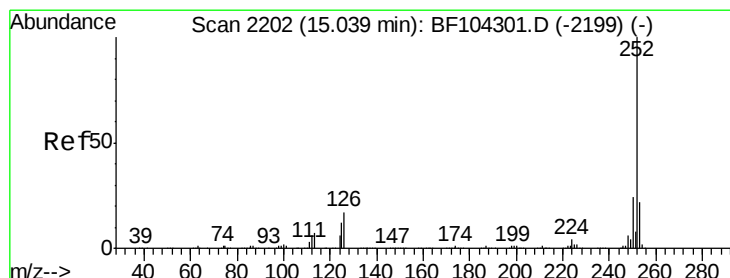
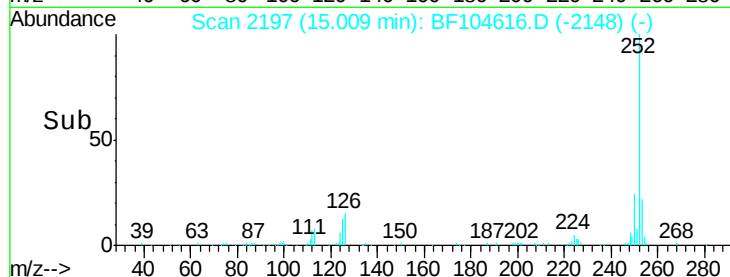
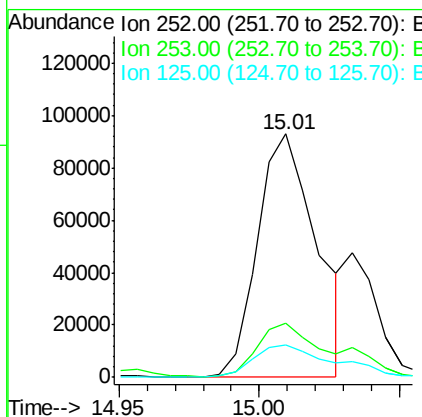
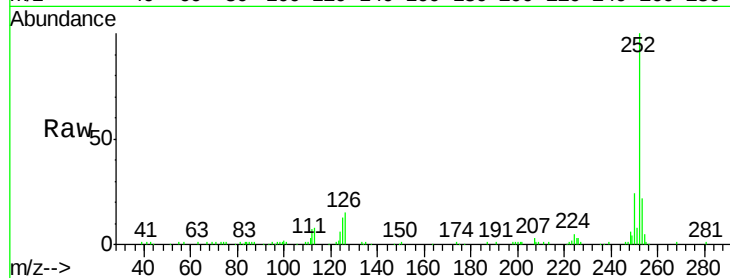
ClientSampleId :

NYS-RBR200034DL

Tot Ion:	252	Resp:	135029
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.0	25.6
125	13.4	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 2.420 ng m

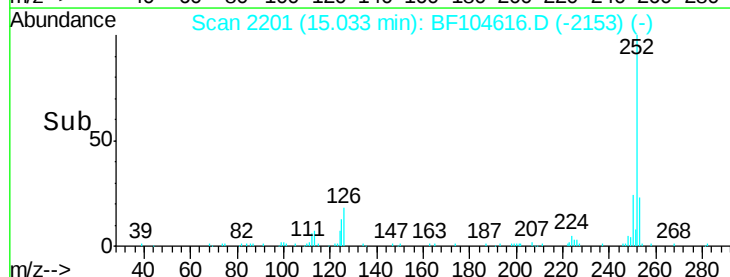
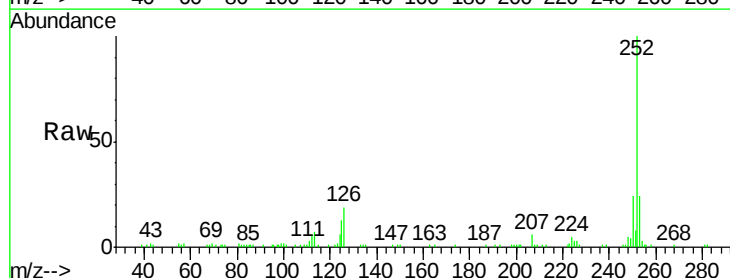
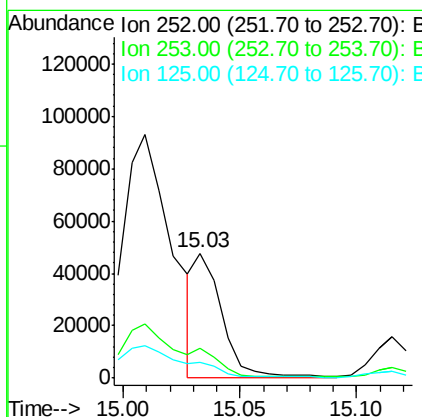
RT: 15.03 min Scan# 2201

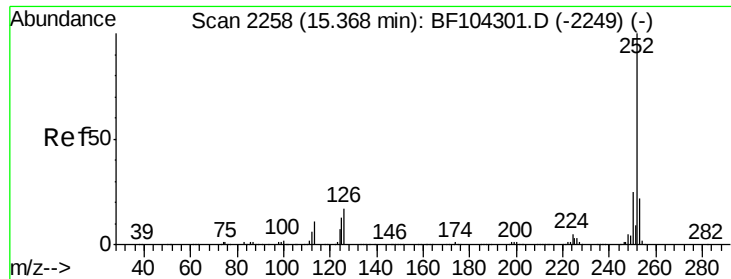
Delta R.T. -0.02 min

Lab File: BF104616.D

Acq: 18 Apr 2018 22:37

Tgt Ion:	252	Resp:	39512
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.9	26.9
125	13.0	10.2	15.2





#89
 Benzo(a)pyrene
 Concen: 4.056 ng
 RT: 15.37 min Scan# 2258
 Delta R.T. -0.02 min
 Lab File: BF104616.D
 Acq: 18 Apr 2018 22:37

Instrument :
 BNA_F
 ClientSampleId :
 NYS-RBR200034DL

Tot Ion:	252	Resp:	62779
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.1	25.7
125	13.0	9.8	14.6

Manual Integrations
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 4/19/2018 12:43:24 PM

