

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
 Data File : BF102664.D
 Acq On : 31 Jan 2018 19:36
 Operator : SJ/JU
 Sample : J1015-22 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-013018-B

Manual Integrations
 APPROVED

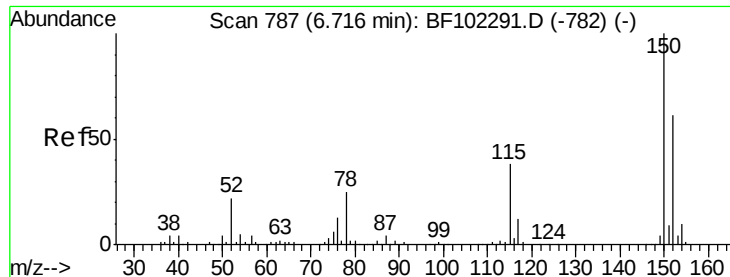
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Quant Time: Feb 01 00:26:45 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 18:38:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	135897	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	581394	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	251191	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	403017	20.00	ng	0.00
75) Chrysene-d12	13.86	240	254863	20.00	ng	-0.01
86) Perylene-d12	15.28	264	275582	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	19192m	2.14	ng	0.02
7) Phenol-d6	6.38	99	25029	2.32	ng	0.02
23) Nitrobenzene-d5	7.28	82	13462	1.33	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	4312	1.73	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	32831	1.92	ng	0.00
78) Terphenyl-d14	12.80	244	23236	2.06	ng	0.00

Target Compounds Qvalue

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



#1

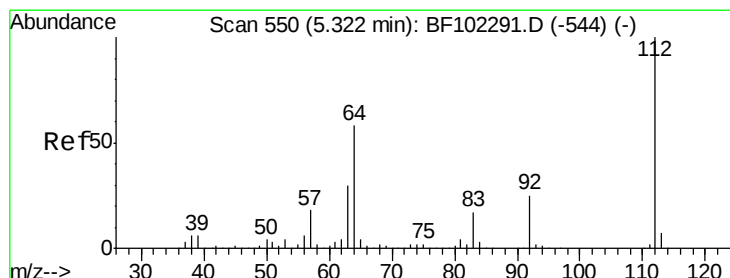
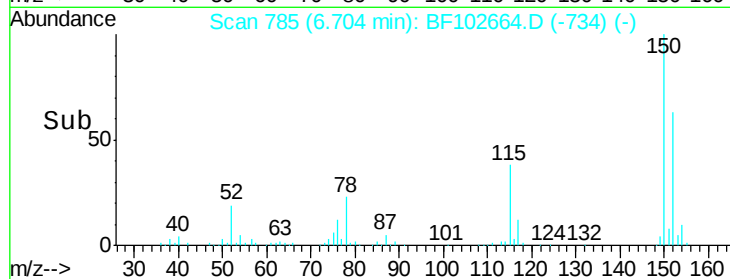
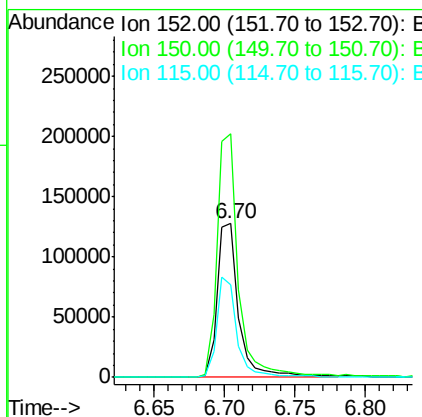
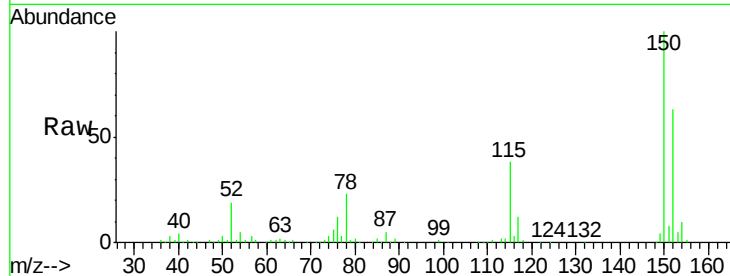
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF102664.D
Acq: 31 Jan 2018 19:36

Instrument :
BNA_F
ClientSampleId :
CL-02-013018-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.6	186.8
115	60.3	50.1	75.1

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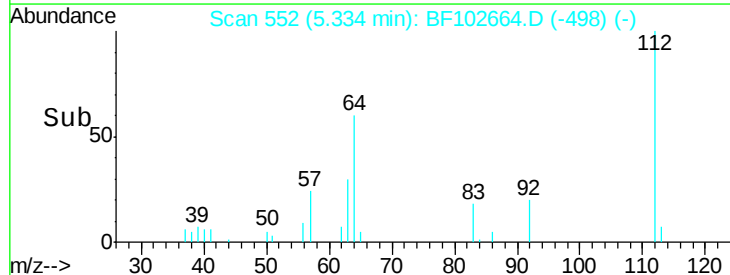
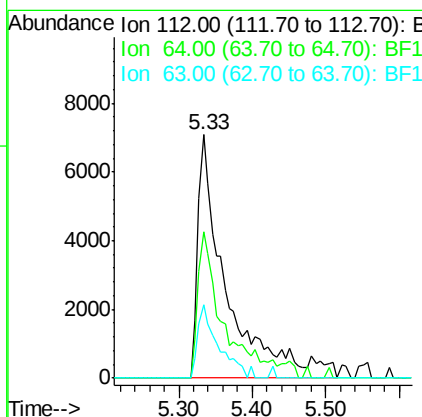
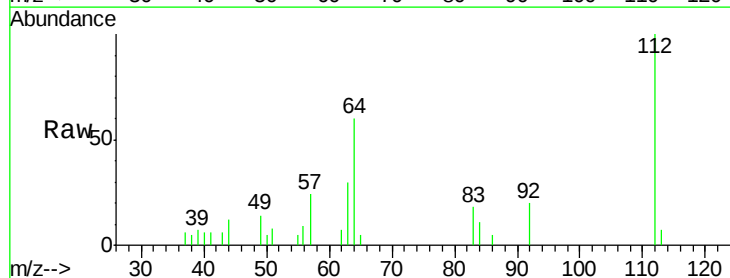
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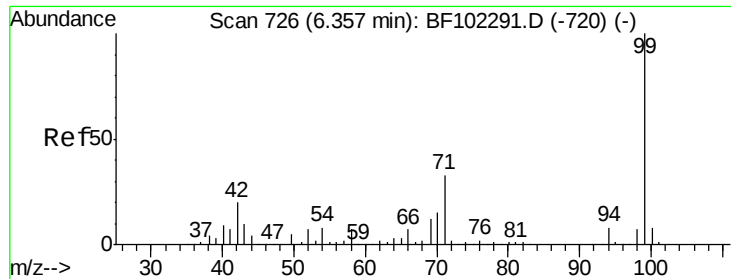


#5

2-Fluorophenol
Concen: 2.141 ng m
RT: 5.33 min Scan# 552
Delta R.T. 0.02 min
Lab File: BF102664.D
Acq: 31 Jan 2018 19:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	47.9	71.9
63	30.2	23.7	35.5





#7

Phenol-d6

Concen: 2.316 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.02 min

Lab File: BF102664.D

Acq: 31 Jan 2018 19:36

Instrument :

BNA_F

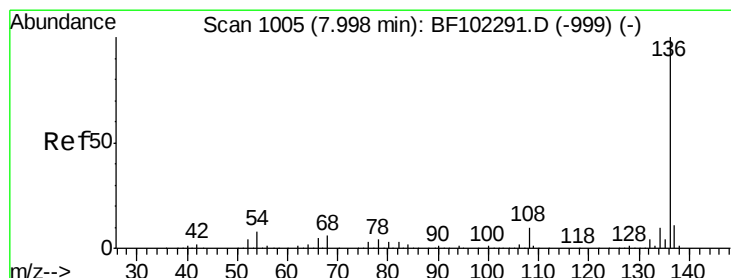
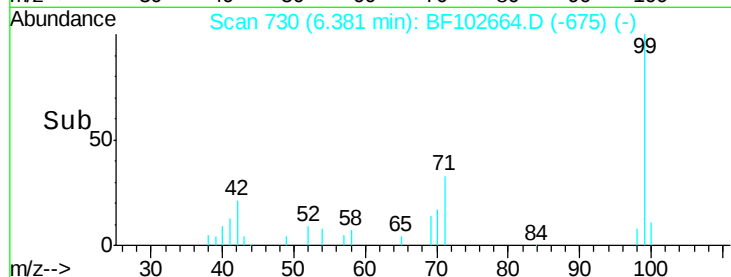
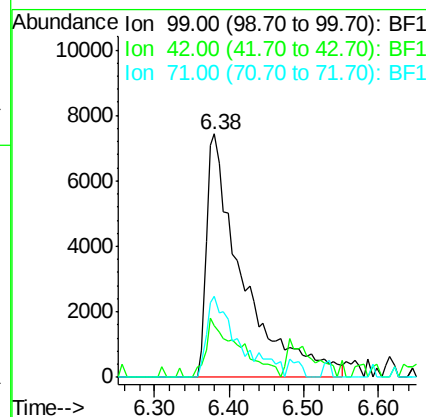
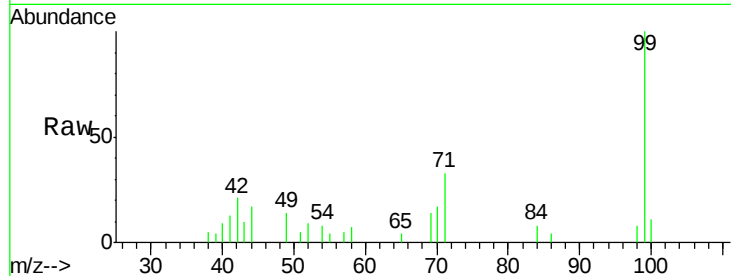
ClientSampleId :

CL-02-013018-B

Tot Ion:	99	Resp:	25029
Ion Ratio	Lower	Upper	
99	100		
42	21.1	14.5	21.7
71	33.1	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

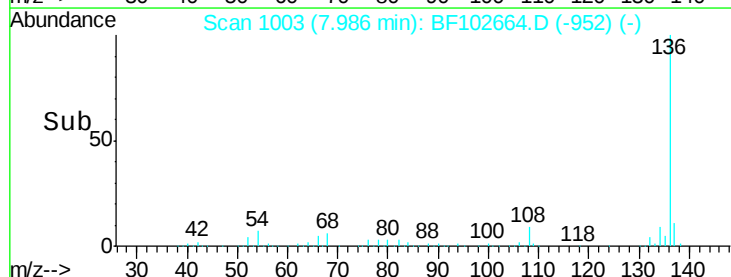
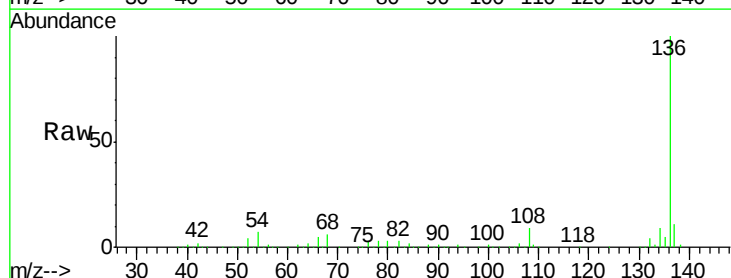
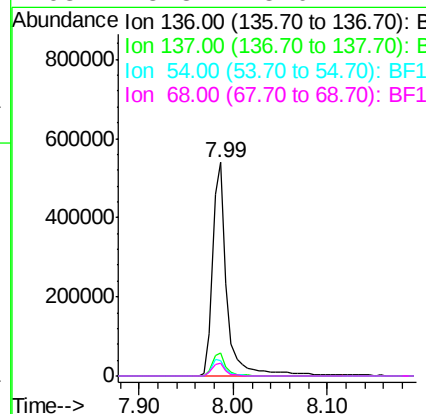
RT: 7.99 min Scan# 1003

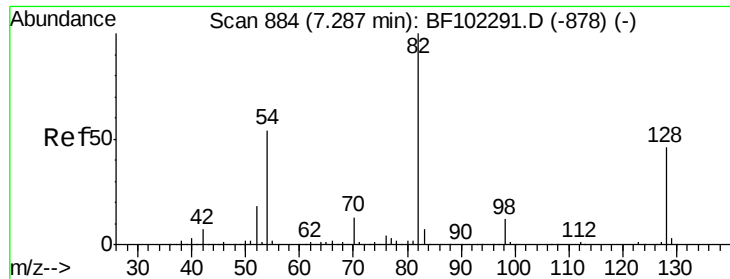
Delta R.T. 0.00 min

Lab File: BF102664.D

Acq: 31 Jan 2018 19:36

Tgt Ion:	136	Resp:	581394
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	7.4	6.6	9.8
68	5.8	5.0	7.4





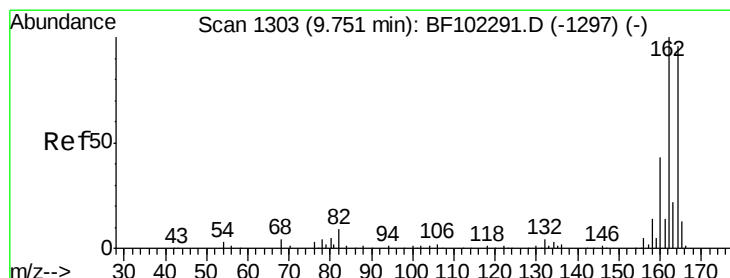
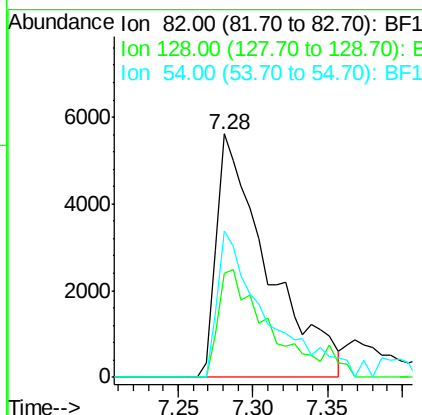
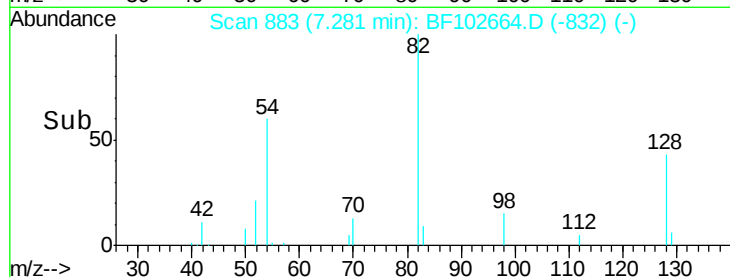
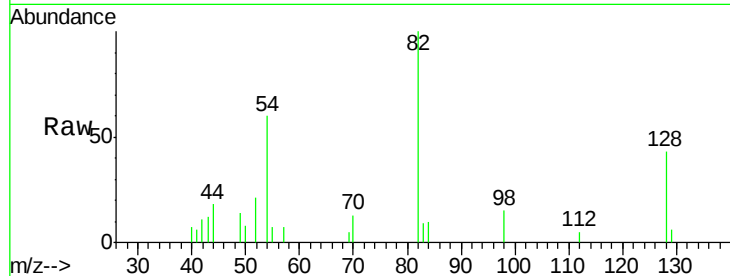
#23
 Nitrobenzene-d5
 Concen: 1.331 ng
 RT: 7.28 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF102664.D
 Acq: 31 Jan 2018 19:36

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-013018-B

Tot Ion	82	Resp	13462
Ion Ratio	Lower	Upper	
82	100		
128	42.6	36.1	54.1
54	60.1	41.4	62.2

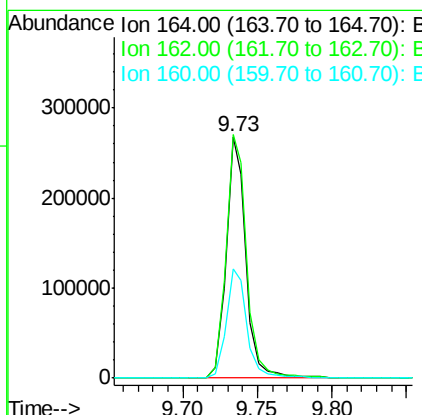
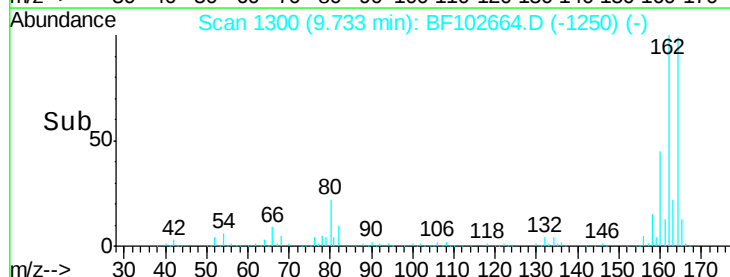
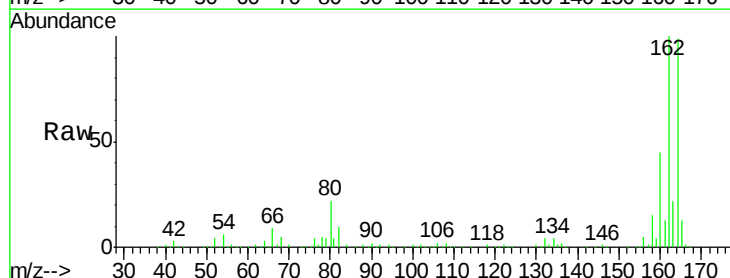
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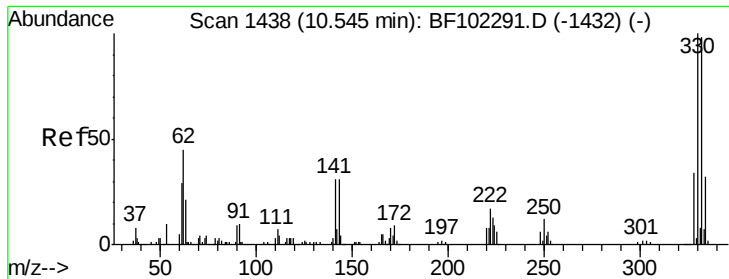
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF102664.D
 Acq: 31 Jan 2018 19:36

Tgt Ion	164	Resp	251191
Ion Ratio	Lower	Upper	
164	100		
162	100.8	86.1	129.1
160	45.0	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 1.732 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF102664.D

Acq: 31 Jan 2018 19:36

Instrument :

BNA_F

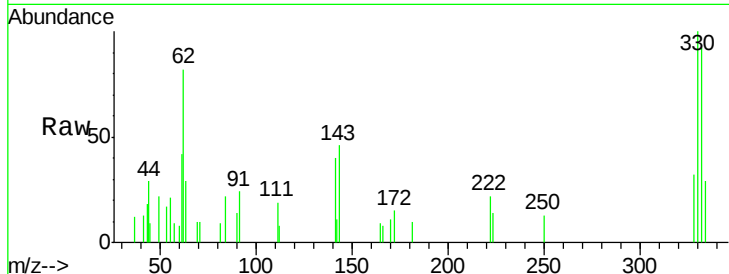
ClientSampleId :

CL-02-013018-B

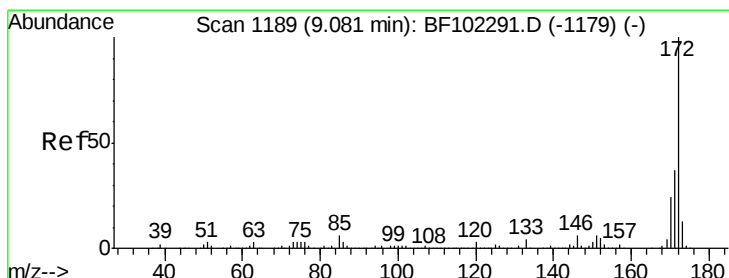
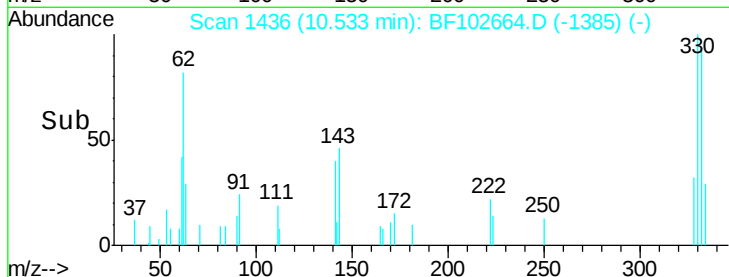
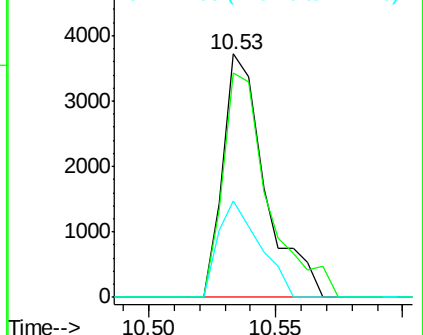
Tot Ion:	330	Resp:	4312
Ion Ratio	Lower	Upper	
330	100		
332	99.4	77.0	115.6
141	38.8	29.9	44.9

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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: 1.922 ng

RT: 9.06 min Scan# 1186

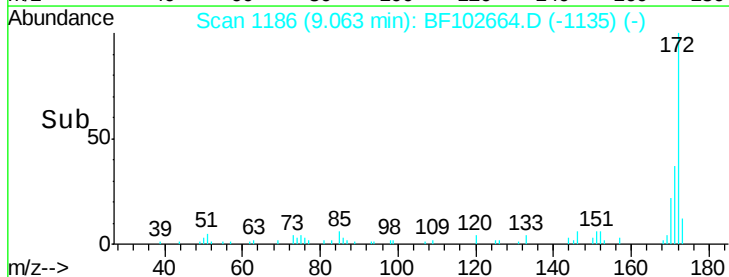
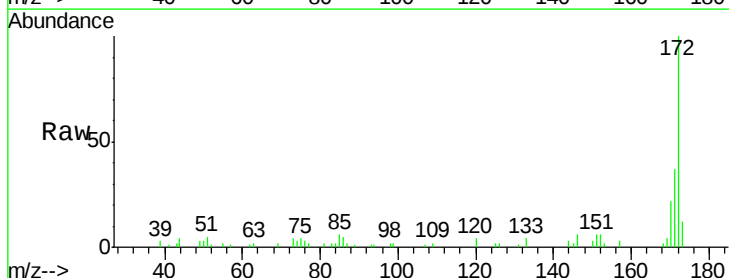
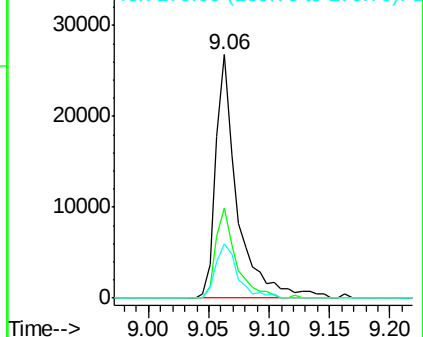
Delta R.T. 0.00 min

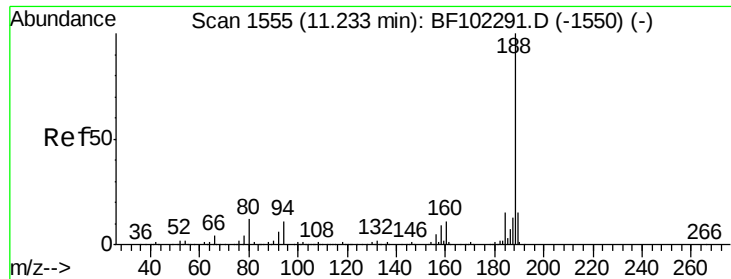
Lab File: BF102664.D

Acq: 31 Jan 2018 19:36

Tgt Ion:	172	Resp:	32831
Ion Ratio	Lower	Upper	
172	100		
171	36.9	29.7	44.5
170	22.3	19.6	29.4

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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BF102664.D

Acq: 31 Jan 2018 19:36

Instrument :

BNA_F

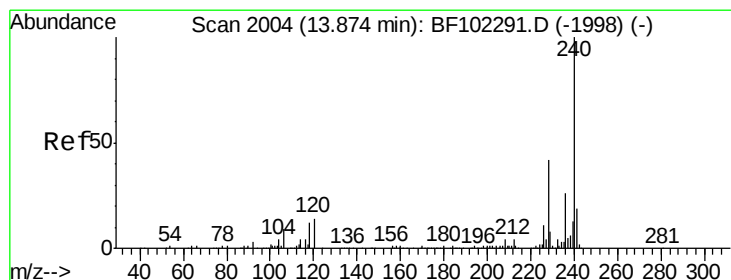
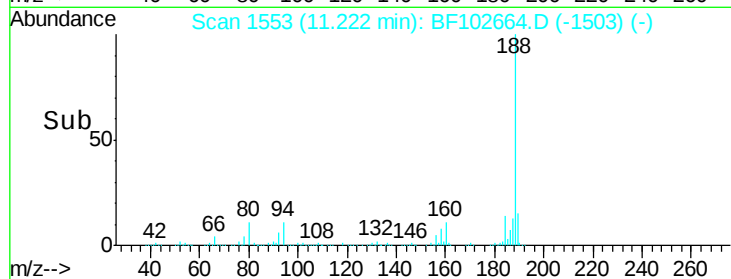
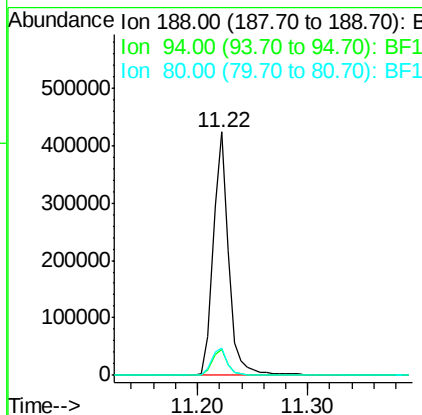
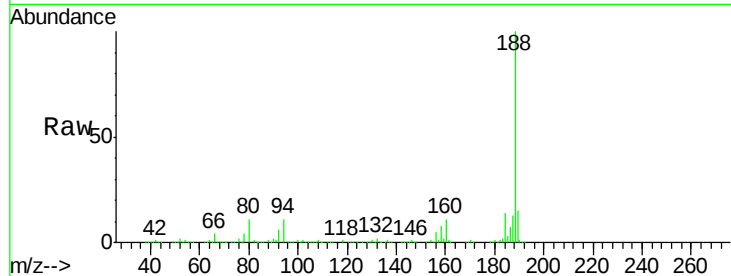
ClientSampleId :

CL-02-013018-B

Tot Ion:	188	Resp:	403017
Ion Ratio	Lower	Upper	
188	100		
94	10.6	8.5	12.7
80	11.3	9.2	13.8

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#75

Chrysene-d12

Concen: 20.000 ng

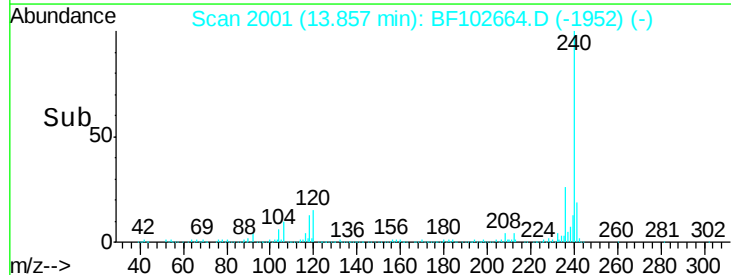
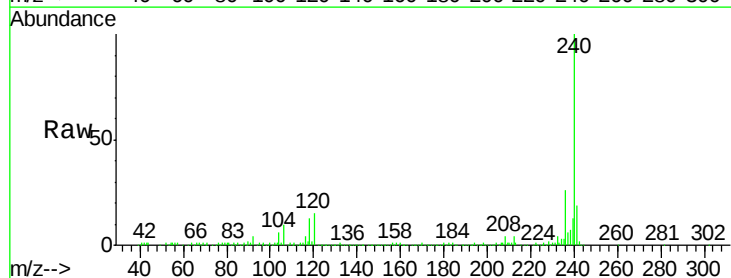
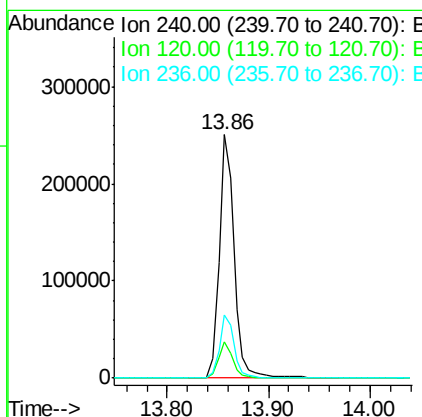
RT: 13.86 min Scan# 2001

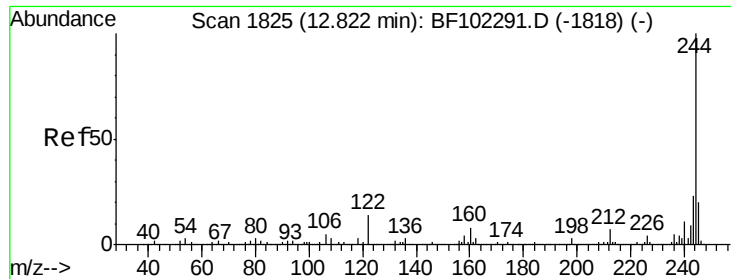
Delta R.T. -0.01 min

Lab File: BF102664.D

Acq: 31 Jan 2018 19:36

Tgt Ion:	240	Resp:	254863
Ion Ratio	Lower	Upper	
240	100		
120	14.9	9.5	14.3#
236	26.0	20.7	31.1





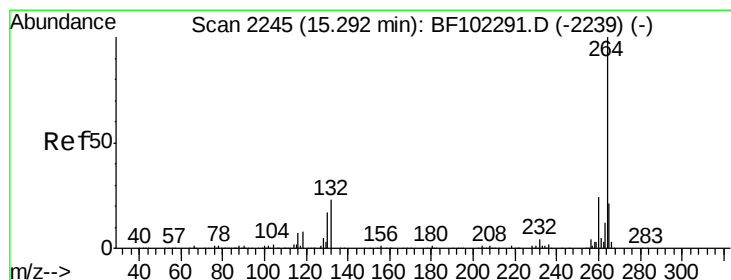
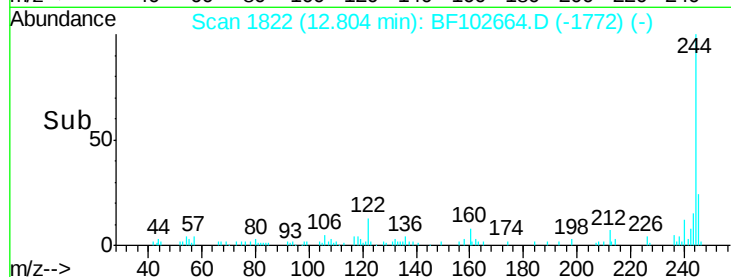
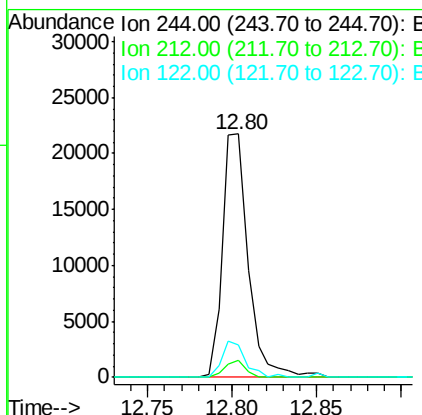
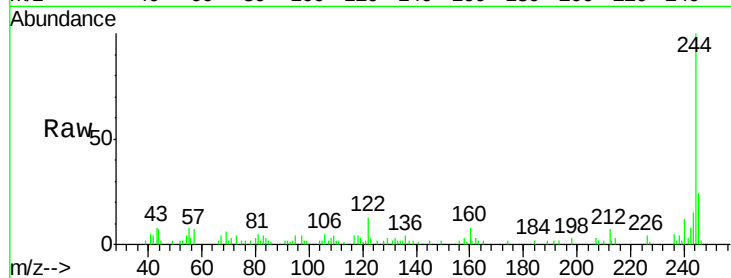
#78
 Terphenyl-d14
 Concen: 2.055 ng
 RT: 12.80 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BF102664.D
 Acq: 31 Jan 2018 19:36

Instrument :
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 CL-02-013018-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.5	11.0	16.4

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF102664.D
 Acq: 31 Jan 2018 19:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.0	17.5	26.3

