

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
 Data File : BF102663.D
 Acq On : 31 Jan 2018 19:10
 Operator : SJ/JU
 Sample : J1015-20 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

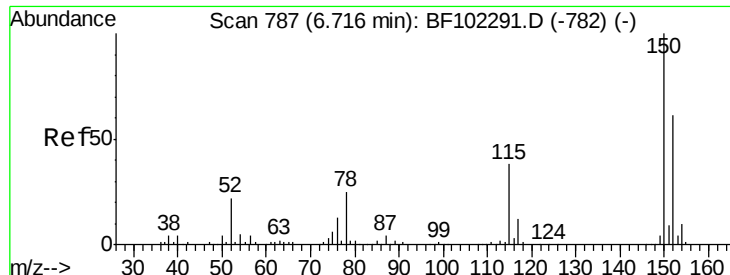
Manual Integrations
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Quant Time: Feb 01 00:24:48 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 18:38:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	138548	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	592746	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	258935	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	410428	20.00	ng	0.00
75) Chrysene-d12	13.86	240	248177	20.00	ng	-0.01
86) Perylene-d12	15.28	264	269134	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	10580	1.16	ng	0.02
7) Phenol-d6	6.39	99	22043m	2.00	ng	0.03
23) Nitrobenzene-d5	7.29	82	12473	1.21	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	4153	1.62	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	31967	1.82	ng	0.00
78) Terphenyl-d14	12.80	244	23588	2.14	ng	-0.01
Target Compounds						
74) Fluoranthene	12.43	202	65248	2.675	ng	99
77) Pyrene	12.66	202	52023	2.711	ng	99

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



#1

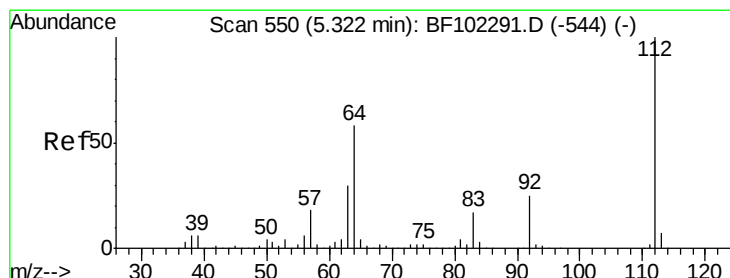
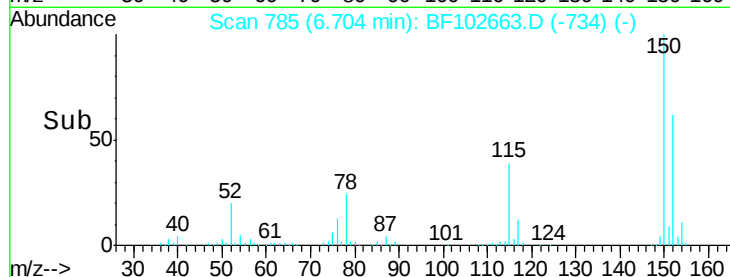
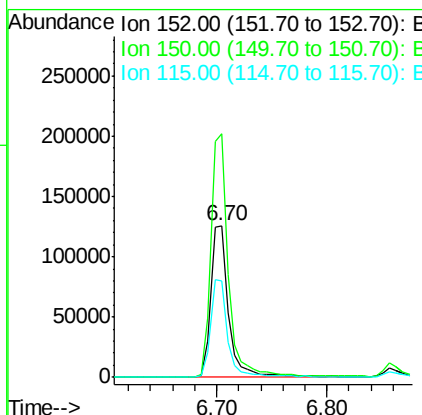
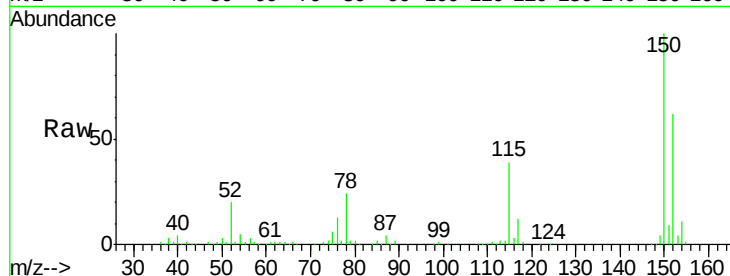
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF102663.D
Acq: 31 Jan 2018 19:10

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	124.6	186.8
115	63.4	50.1	75.1

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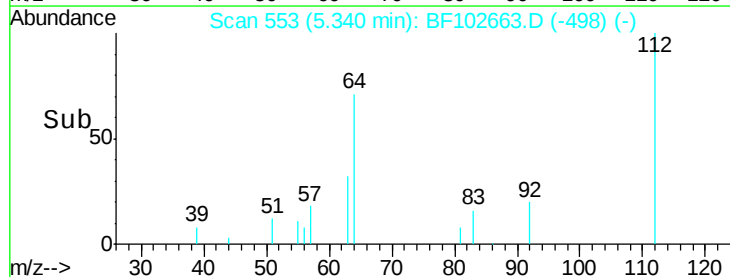
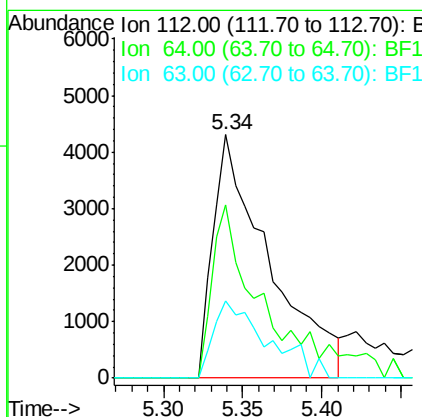
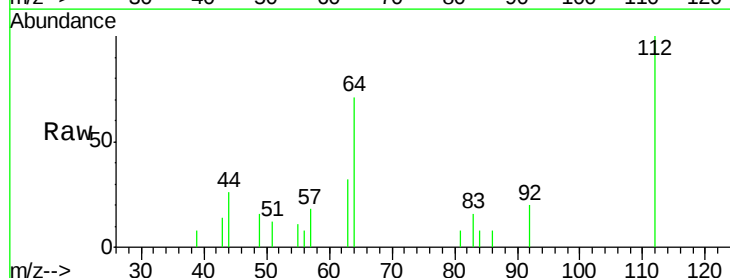
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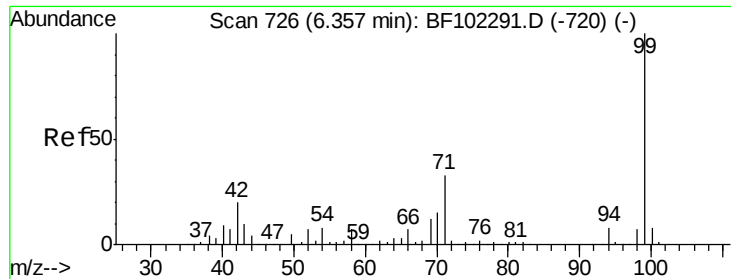


#5

2-Fluorophenol
Concen: 1.158 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.02 min
Lab File: BF102663.D
Acq: 31 Jan 2018 19:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.4	47.9	71.9
63	31.8	23.7	35.5





#7

Phenol-d6

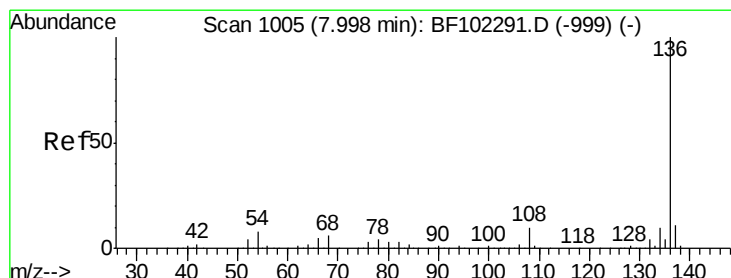
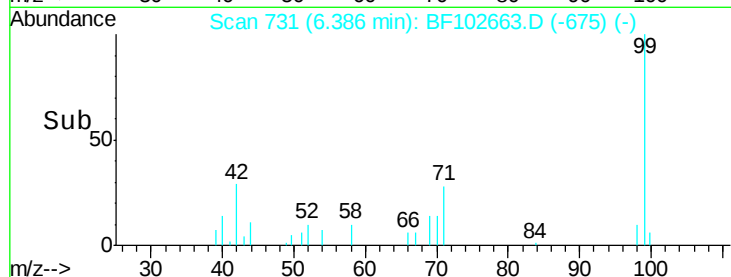
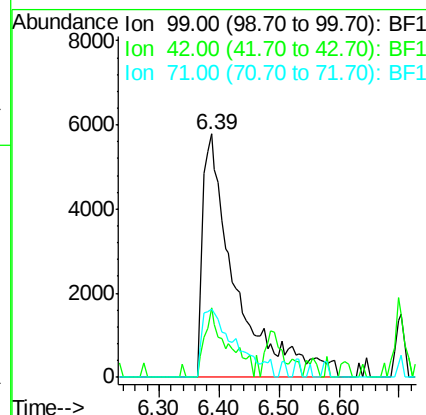
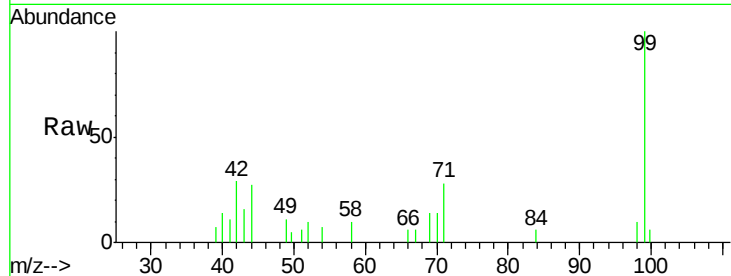
Concen: 2.001 ng/ml
 RT: 6.39 min Scan# 731
 Delta R.T. 0.03 min
 Lab File: BF102663.D
 Acq: 31 Jan 2018 19:10

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

Tot Ion	Ratio	Lower	Upper
99	100		
42	28.6	14.5	21.7#
71	28.1	25.4	38.0

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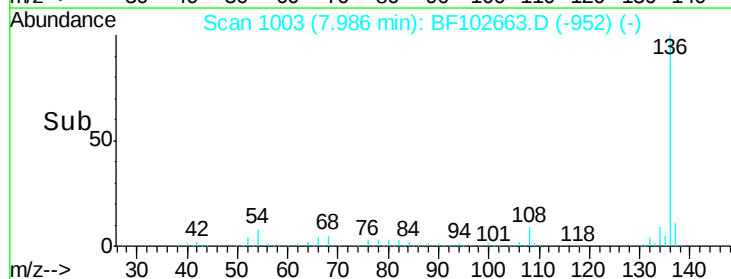
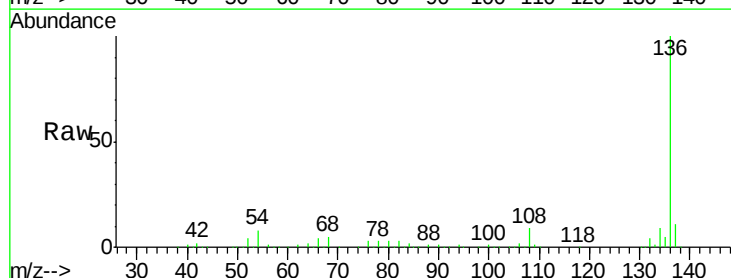
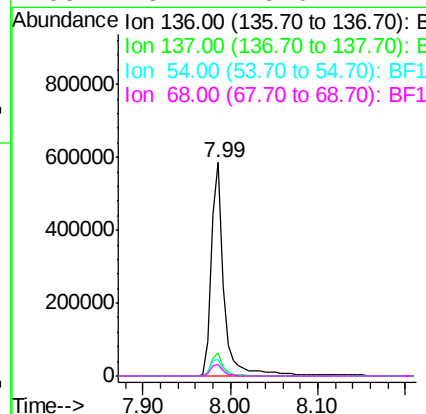


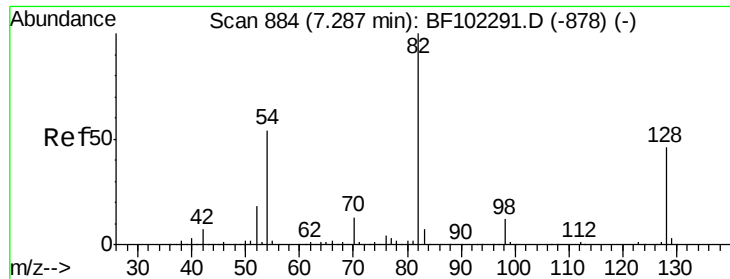
#21

Naphthalene-d8

Concen: 20.000 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. 0.00 min
 Lab File: BF102663.D
 Acq: 31 Jan 2018 19:10

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.9	6.6	9.8
68	5.2	5.0	7.4





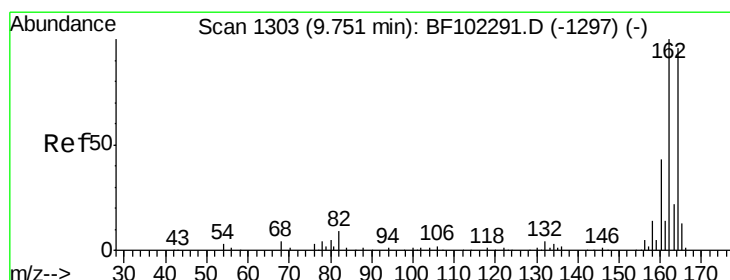
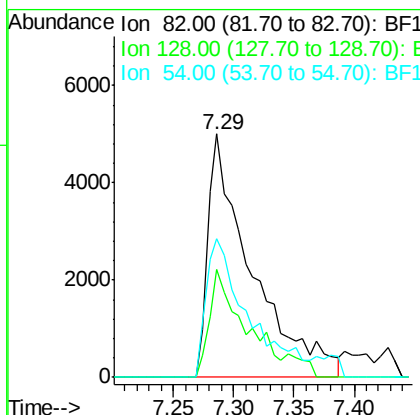
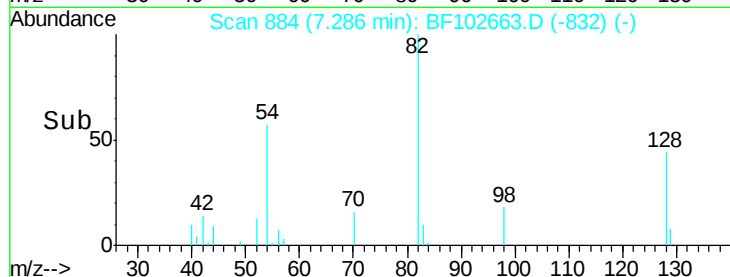
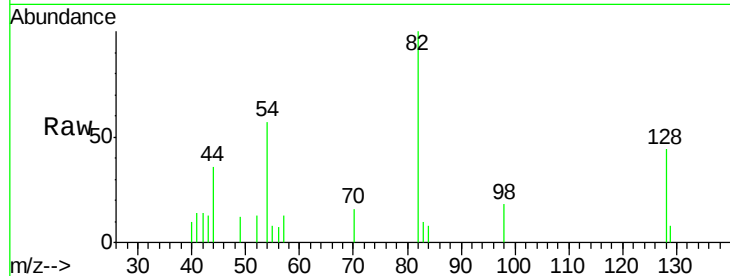
#23
 Nitrobenzene-d5
 Concen: 1.209 ng
 RT: 7.29 min Scan# 884
 Delta R.T. 0.01 min
 Lab File: BF102663.D
 Acq: 31 Jan 2018 19:10

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

Tot Ion	82	Resp	12473
Ion Ratio	Lower	Upper	
82	100		
128	44.4	36.1	54.1
54	57.1	41.4	62.2

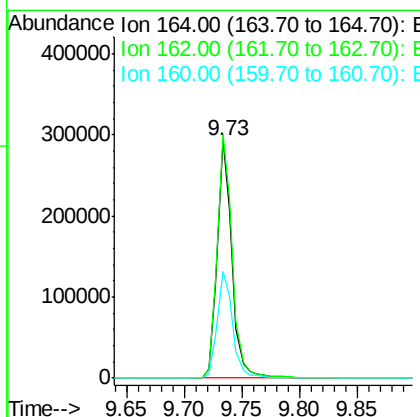
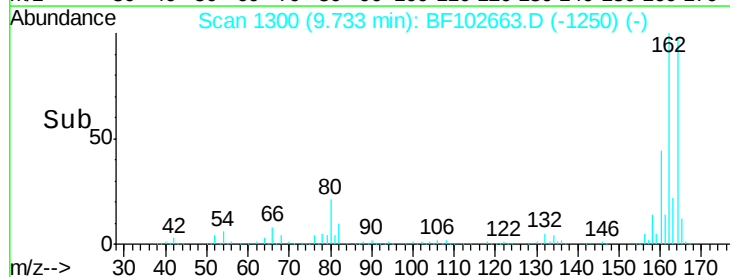
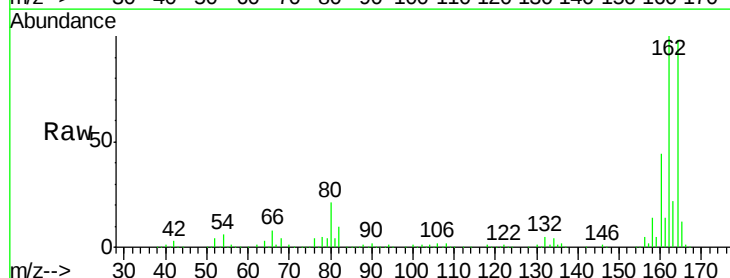
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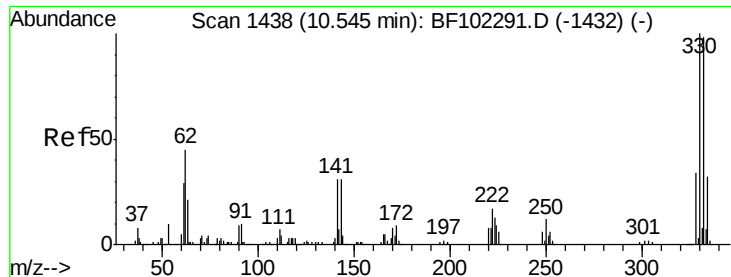
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF102663.D
 Acq: 31 Jan 2018 19:10

Tgt Ion	164	Resp	258935
Ion Ratio	Lower	Upper	
164	100		
162	102.3	86.1	129.1
160	45.0	38.3	57.5





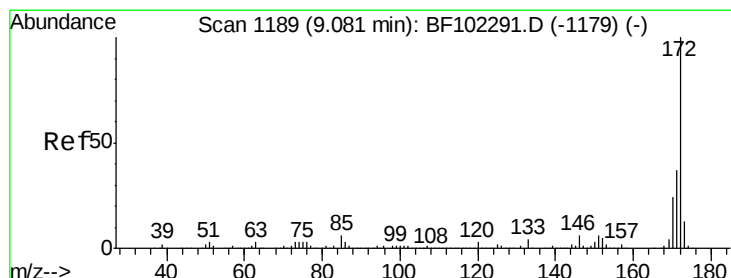
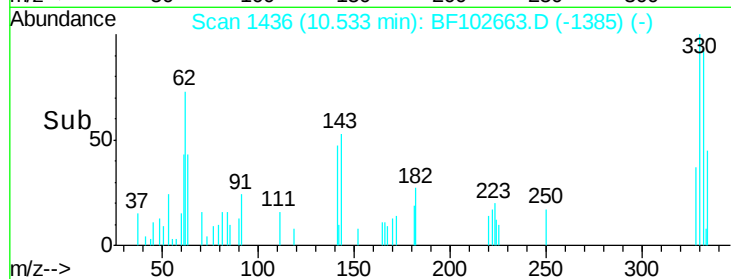
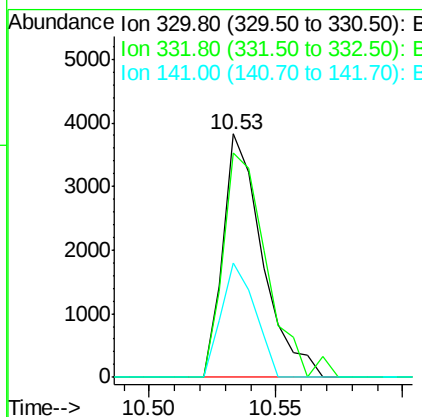
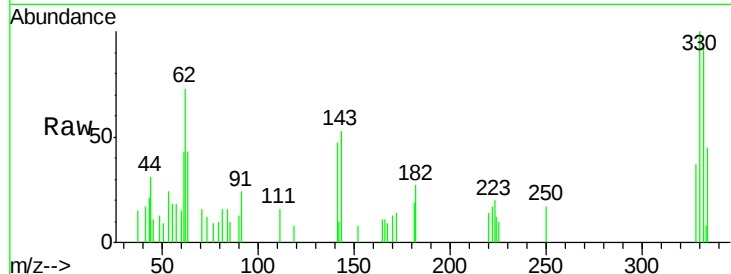
#41
 2,4,6-Tribromophenol
 Concen: 1.619 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BF102663.D
 Acq: 31 Jan 2018 19:10

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.3	77.0	115.6
141	40.1	29.9	44.9

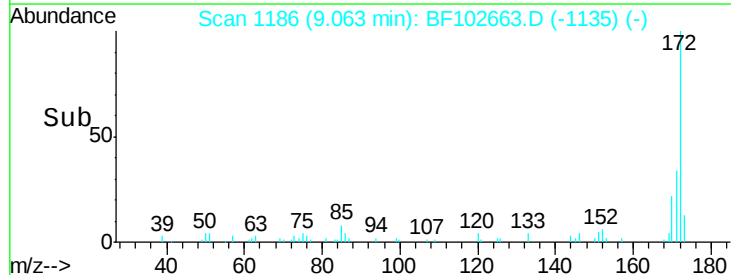
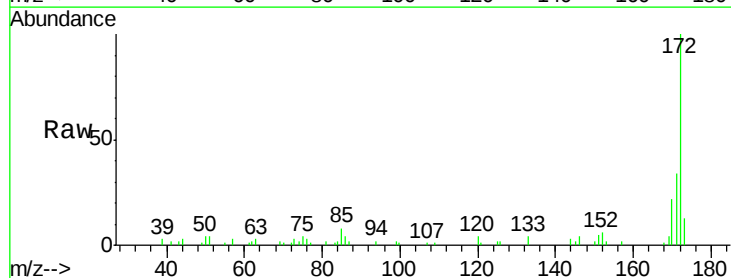
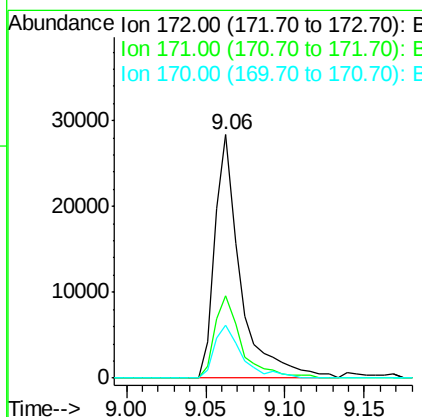
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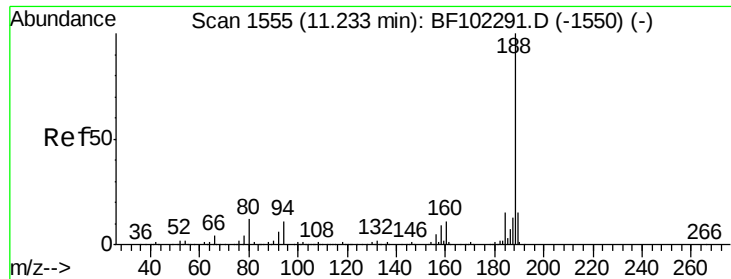
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#44
 2-Fluorobiphenyl
 Concen: 1.815 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF102663.D
 Acq: 31 Jan 2018 19:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.7	29.7	44.5
170	21.6	19.6	29.4





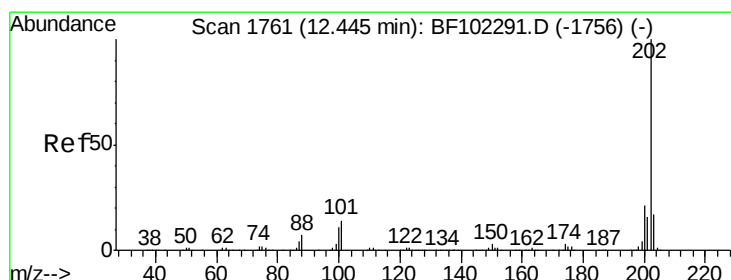
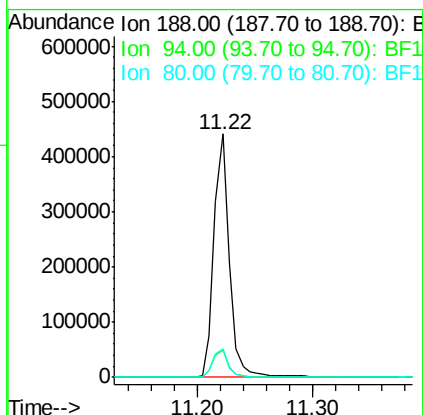
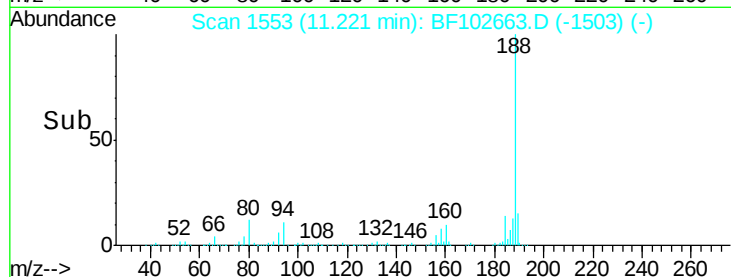
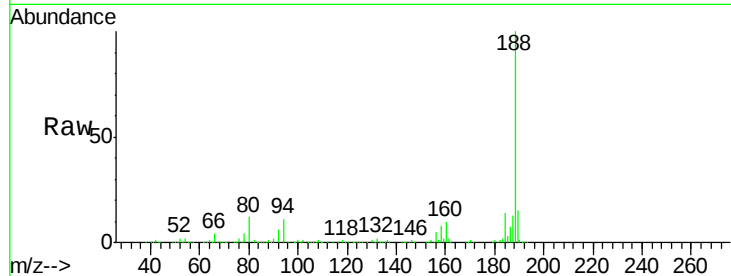
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF102663.D
Acq: 31 Jan 2018 19:10

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

Tot Ion	Ratio	Resp	Lower	Upper
188	100	410428		
94	11.2	8.5	12.7	
80	11.7	9.2	13.8	

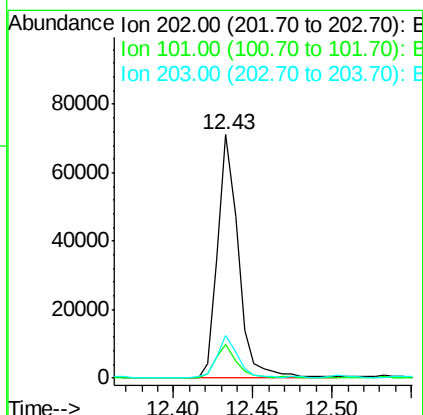
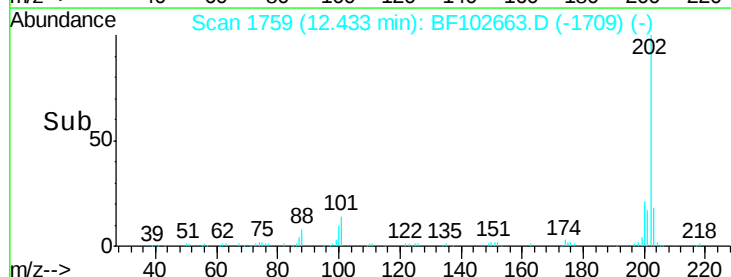
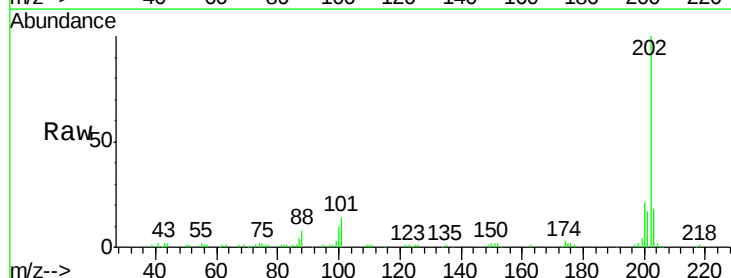
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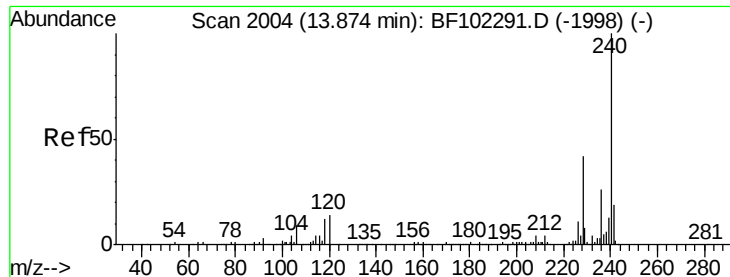
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#74
Fluoranthene
Concen: 2.675 ng
RT: 12.43 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BF102663.D
Acq: 31 Jan 2018 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	65248		
101	14.1	0.0	34.1	
203	17.7	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF102663.D

Acq: 31 Jan 2018 19:10

Instrument :

BNA_F

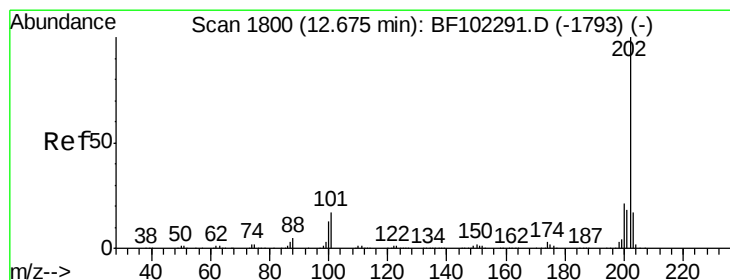
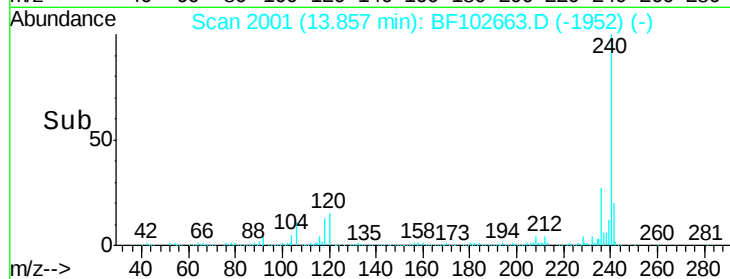
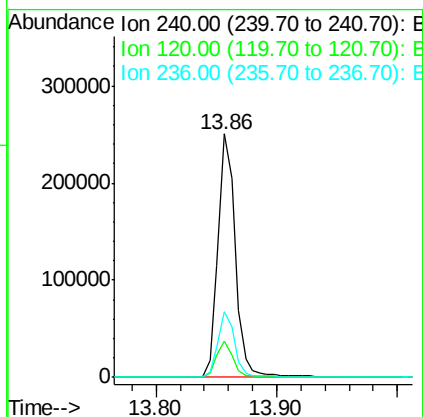
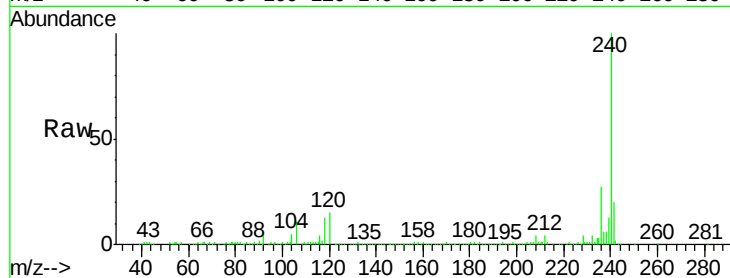
ClientSampleId :

CL-02-013018-A

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.8	9.5	14.3
236	27.1	20.7	31.1

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#77

Pyrene

Concen: 2.711 ng

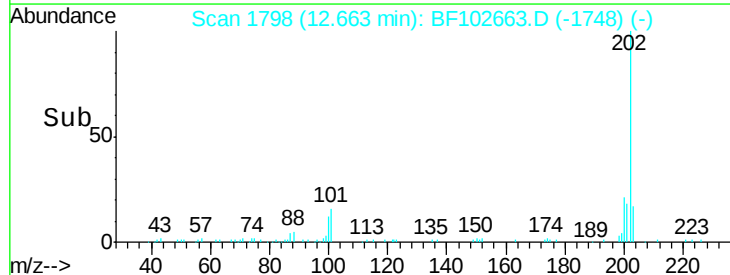
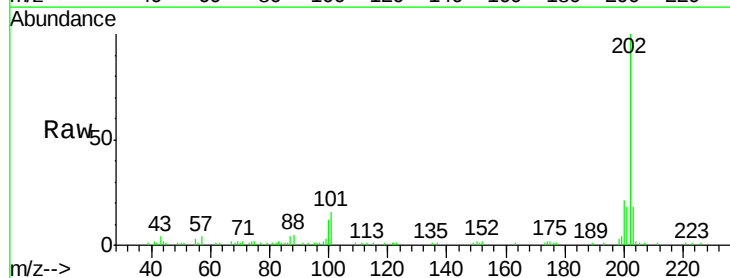
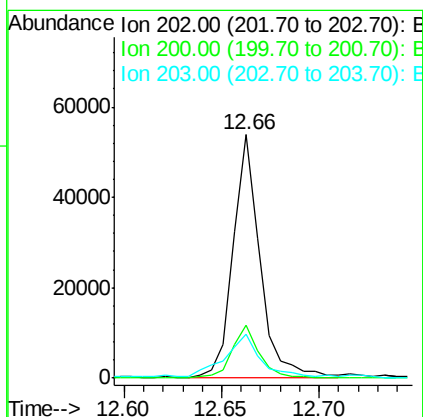
RT: 12.66 min Scan# 1798

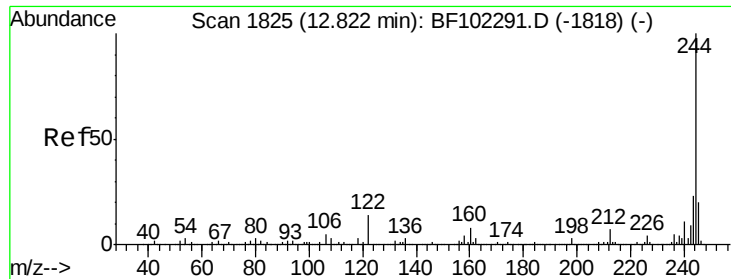
Delta R.T. -0.01 min

Lab File: BF102663.D

Acq: 31 Jan 2018 19:10

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	18.2	14.3	21.5





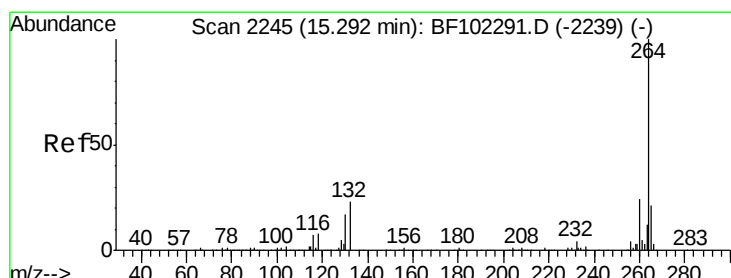
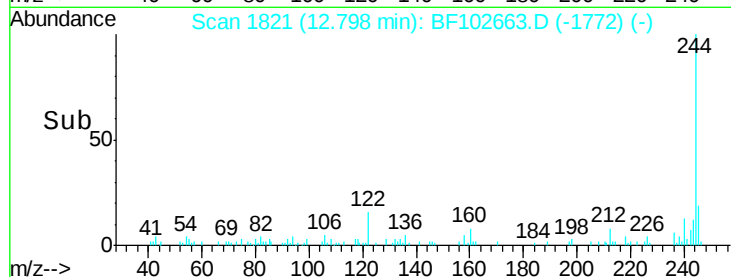
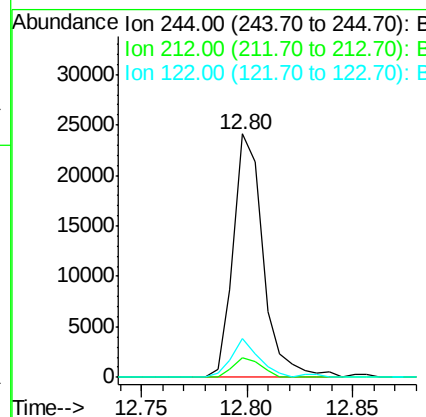
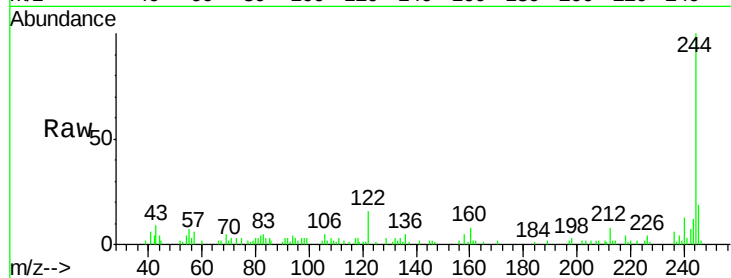
#78
 Terphenyl-d14
 Concen: 2.143 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF102663.D
 Acq: 31 Jan 2018 19:10

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.4	8.0#
122	15.9	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: BF102663.D
 Acq: 31 Jan 2018 19:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.0	17.5	26.3

