

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091317\
 Data File : BF098490.D
 Acq On : 13 Sep 2017 15:18
 Operator : SJ/JU
 Sample : I5208-10 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-091117-D

Manual Integrations
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Quant Time: Sep 14 05:37:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	177939	20.00	ng	-0.02
21) Naphthalene-d8	7.94	136	726248	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	310125	20.00	ng	-0.02
63) Phenanthrene-d10	11.17	188	498441	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	355158	20.00	ng	-0.02
86) Perylene-d12	15.20	264	328853	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	237615	19.74	ng	-0.02
7) Phenol-d6	6.30	99	308307	20.18	ng	-0.02
23) Nitrobenzene-d5	7.22	82	170347	13.08	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	42690	20.62	ng	-0.02
44) 2-Fluorobiphenyl	9.01	172	319556	17.46	ng	-0.02
78) Terphenyl-d14	12.74	244	210549	12.80	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.41	163	54553	2.272	ng	98
74) Fluoranthene	12.37	202	59242	2.240	ng	99
77) Pyrene	12.60	202	60213	2.149	ng	99
87) Benzo(b)fluoranthene	14.80	252	45296m	2.191	ng	

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

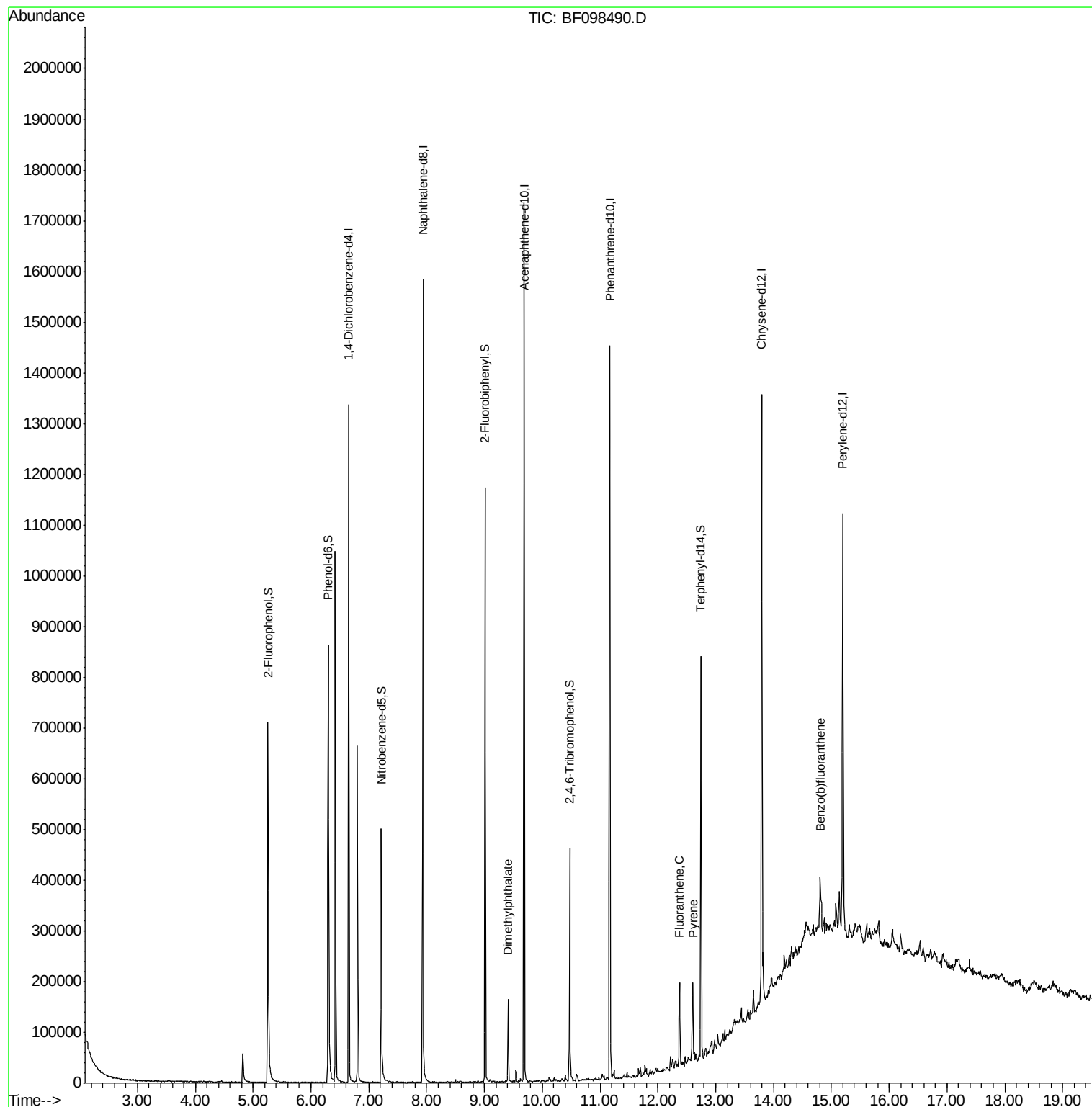
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098490.D
Acq On : 13 Sep 2017 15:18
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Misc :
ALS Vial : 10 Sample Multiplier: 1

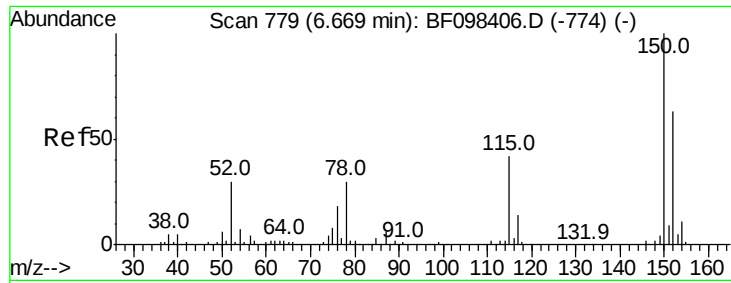
Instrument :
BNA_F
ClientSampleId :
CL-02-091117-D

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Quant Time: Sep 14 05:37:40 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration





#1

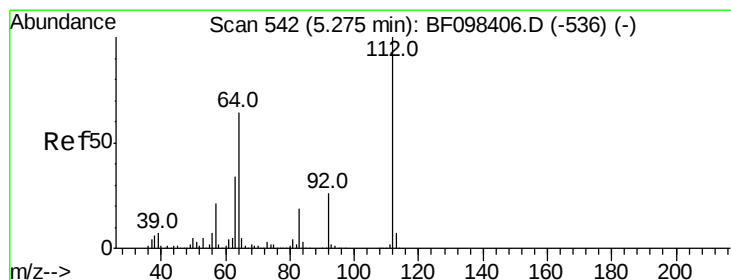
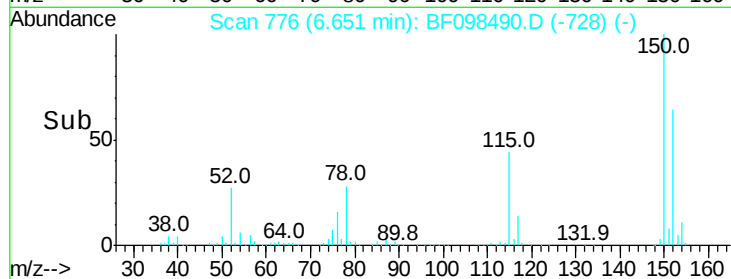
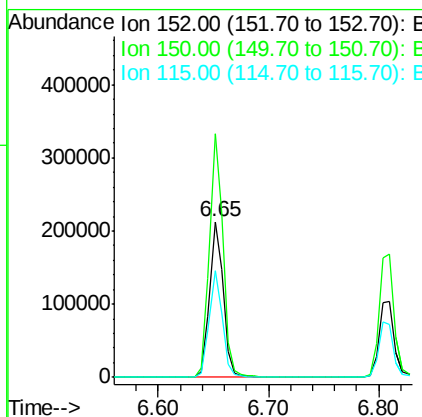
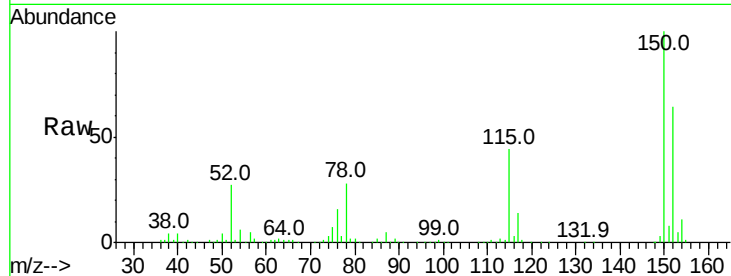
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.02 min
Lab File: BF098490.D
Acq: 13 Sep 2017 15:18

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.2	189.2
115	68.2	52.2	78.2

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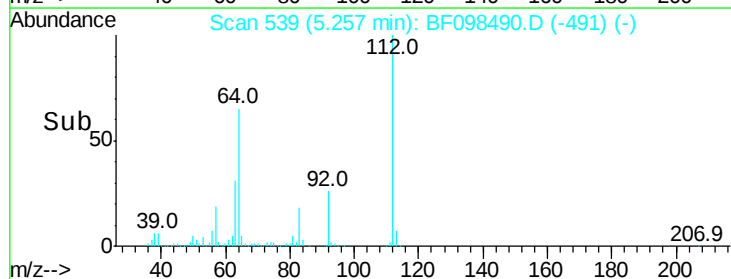
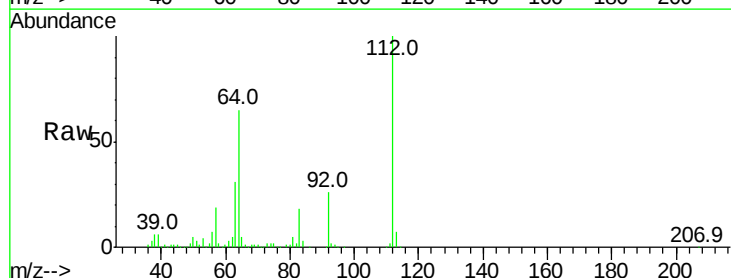
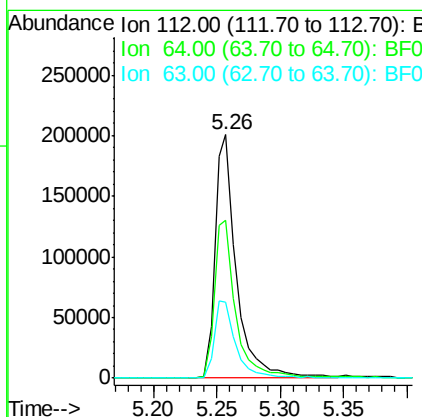
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#5

2-Fluorophenol
Concen: 19.744 ng
RT: 5.26 min Scan# 539
Delta R.T. -0.02 min
Lab File: BF098490.D
Acq: 13 Sep 2017 15:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.7	46.0	69.0
63	31.0	23.4	35.0





#7

Phenol-d6

Concen: 20.177 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BF098490.D

Acq: 13 Sep 2017 15:18

Instrument :

BNA_F

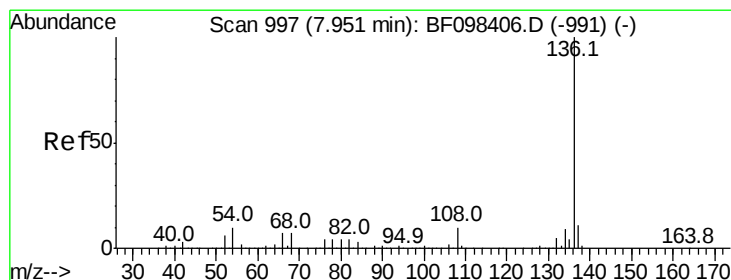
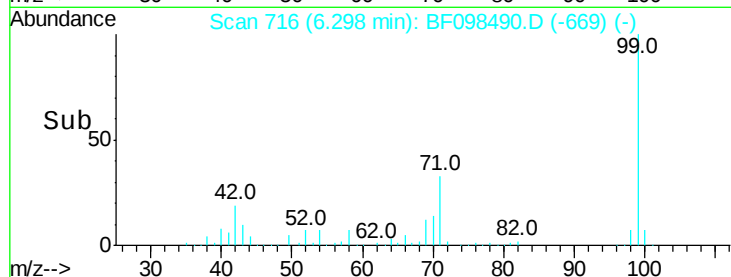
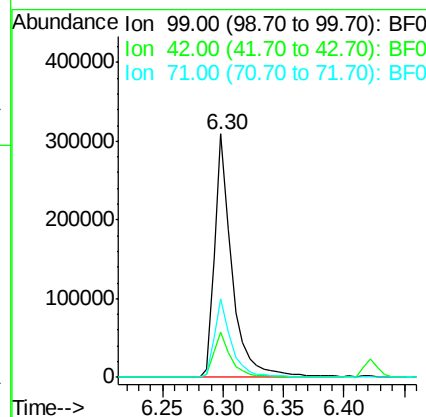
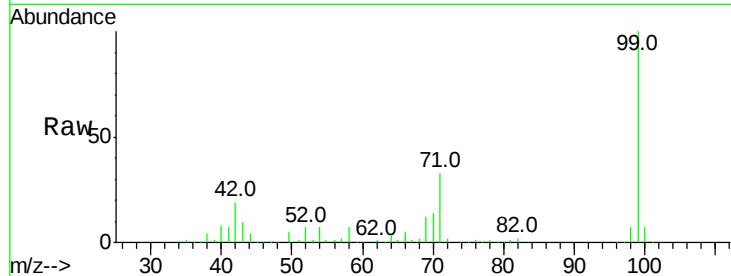
ClientSampleId :

CL-02-091117-D

Tot Ion:	99	Resp:	308307
Ion Ratio	Lower	Upper	
99	100		
42	18.8	13.5	20.3
71	32.5	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

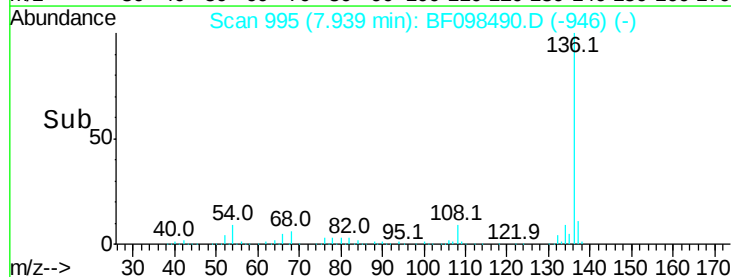
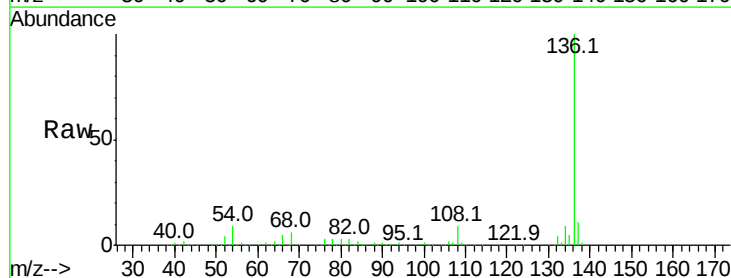
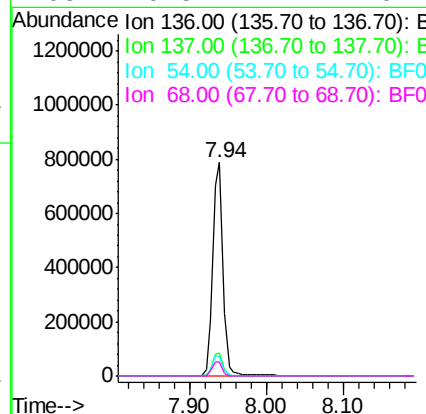
RT: 7.94 min Scan# 995

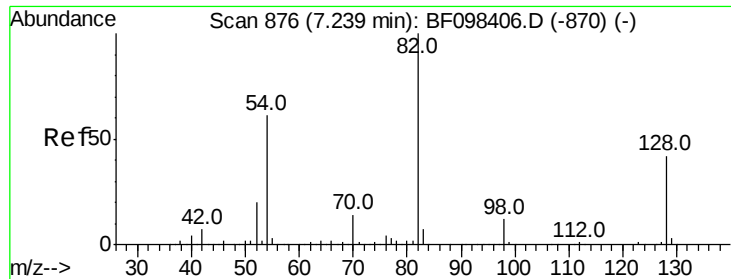
Delta R.T. -0.01 min

Lab File: BF098490.D

Acq: 13 Sep 2017 15:18

Tgt Ion:	136	Resp:	726248
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.5	12.7
54	8.9	4.9	7.3#
68	6.5	4.1	6.1#





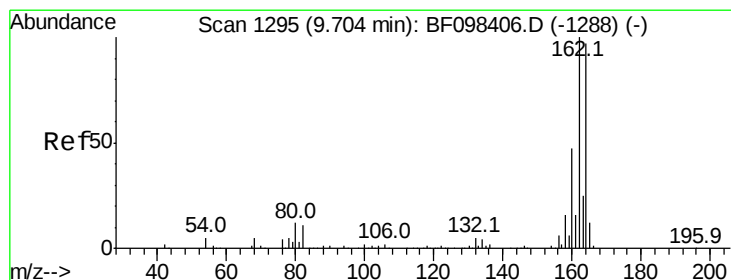
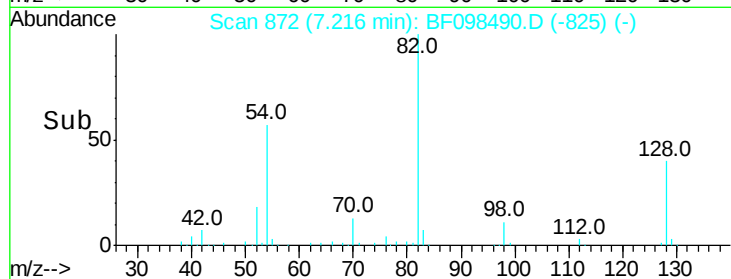
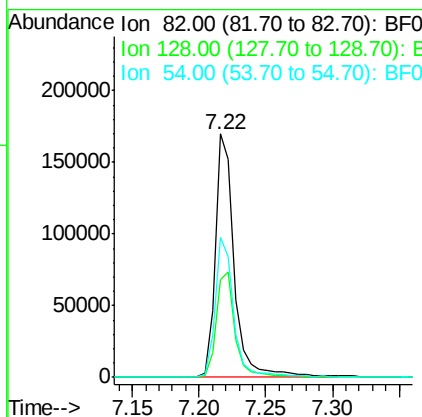
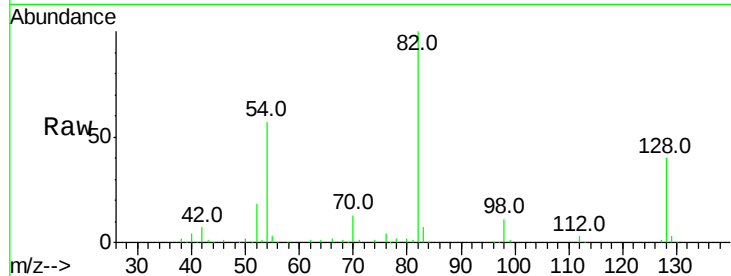
#23
Nitrobenzene-d5
Concen: 13.076 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF098490.D
Acq: 13 Sep 2017 15:18

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-D

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.9	34.0	51.0
54	57.4	42.2	63.2

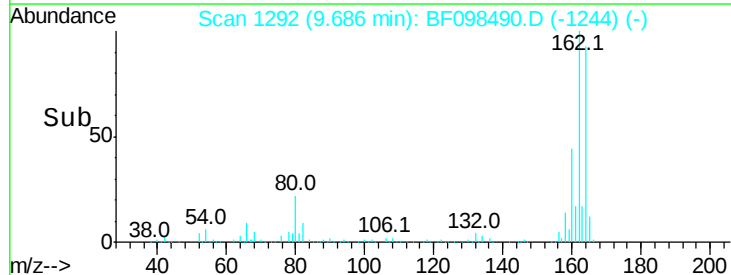
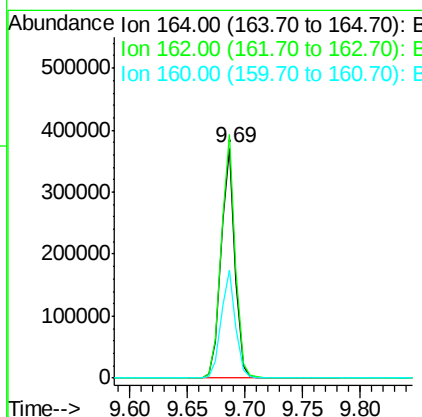
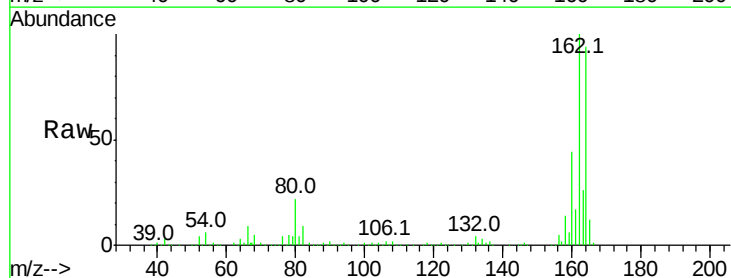
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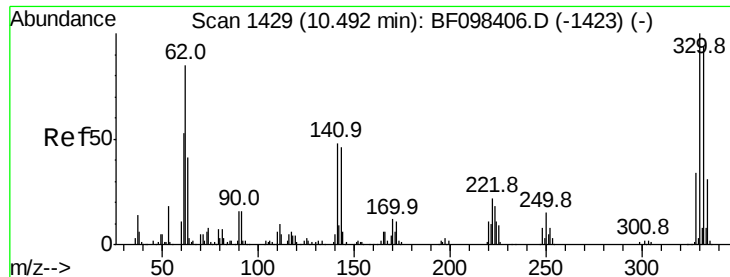
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF098490.D
Acq: 13 Sep 2017 15:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	82.6	123.8
160	47.0	36.2	54.2





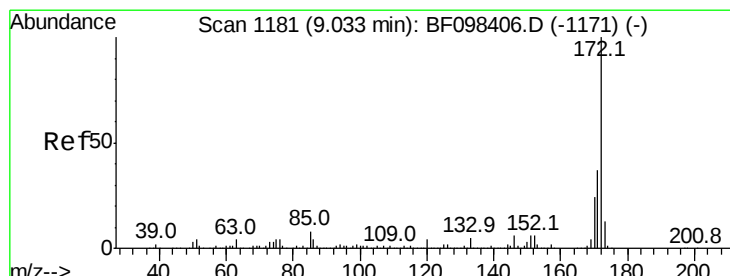
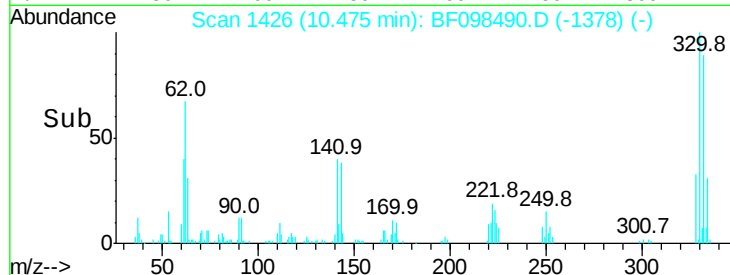
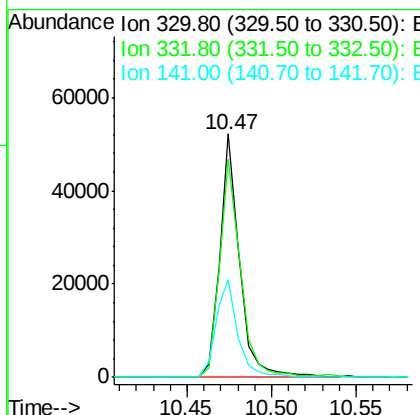
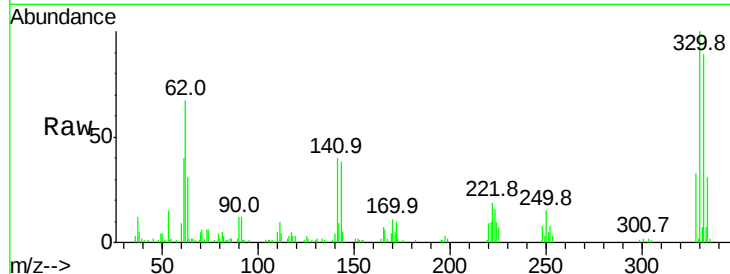
#41
 2,4,6-Tribromophenol
 Concen: 20.625 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.02 min
 Lab File: BF098490.D
 Acq: 13 Sep 2017 15:18

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-091117-D

Tot Ion	Ratio	Resp	Lower	Upper
330	100	42690		
332	94.5	76.6	115.0	
141	44.3	31.4	47.2	

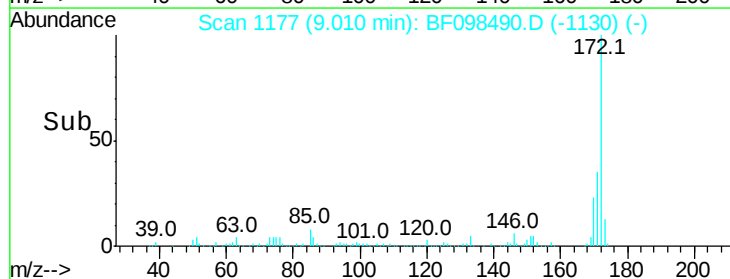
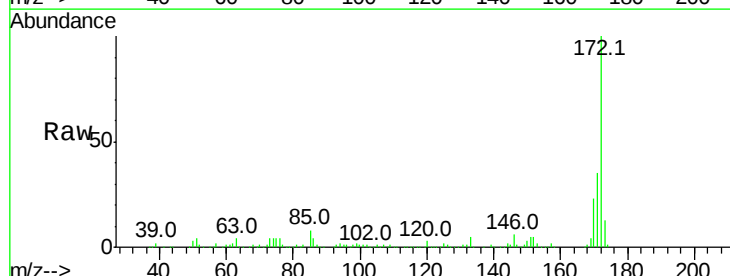
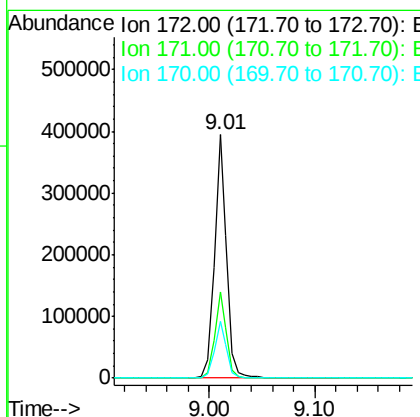
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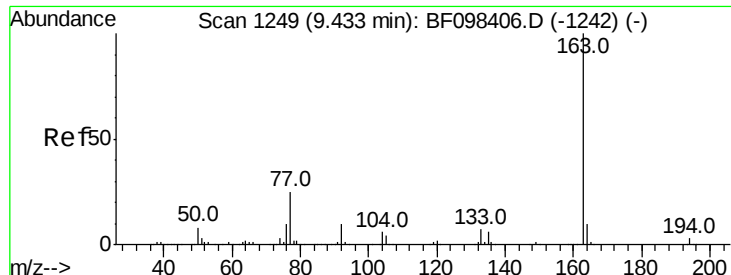
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#44
 2-Fluorobiphenyl
 Concen: 17.465 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.02 min
 Lab File: BF098490.D
 Acq: 13 Sep 2017 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	319556		
171	35.3	29.6	44.4	
170	23.5	19.8	29.8	





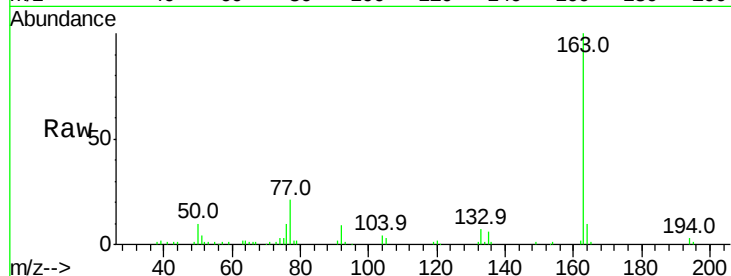
#49
 Dimethylphthalate
 Concen: 2.272 ng
 RT: 9.41 min Scan# 1245
 Delta R.T. -0.02 min
 Lab File: BF098490.D
 Acq: 13 Sep 2017 15:18

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-091117-D

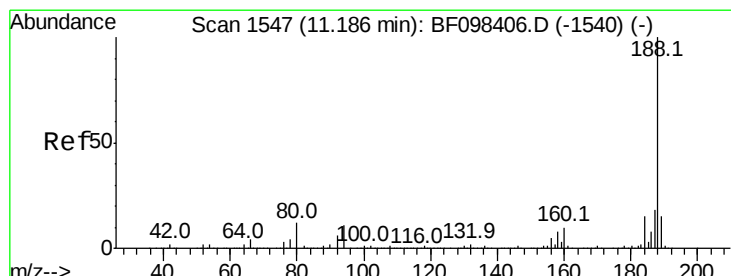
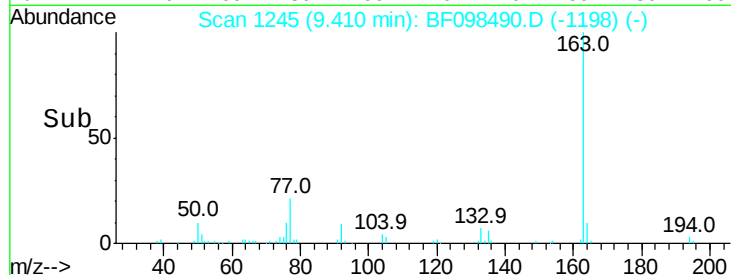
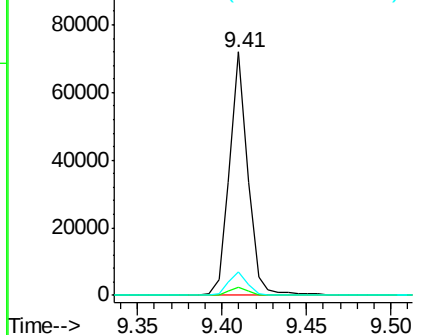
Tot Ion:	163	Resp:	54553
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.6	4.0
164	9.8	8.4	12.6

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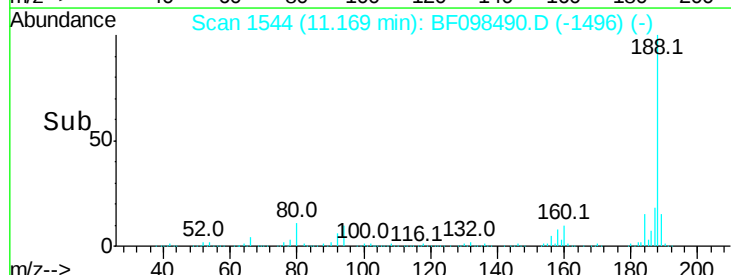
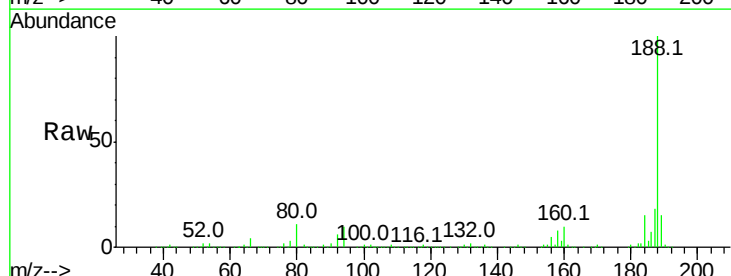
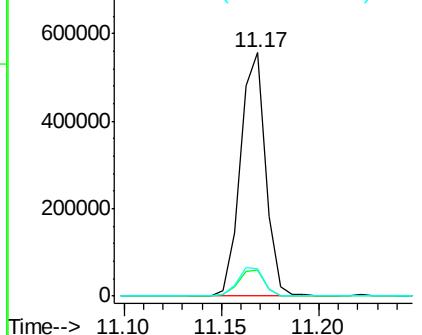
Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

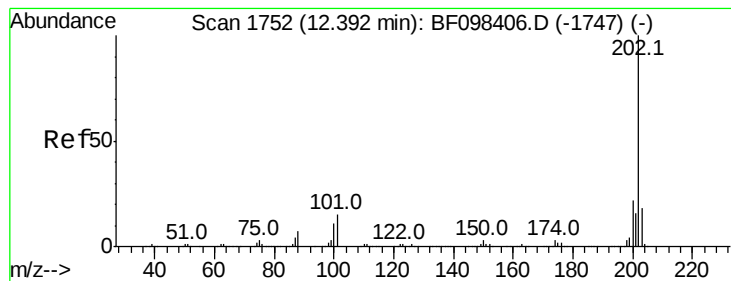


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.17 min Scan# 1544
 Delta R.T. -0.02 min
 Lab File: BF098490.D
 Acq: 13 Sep 2017 15:18

Tgt Ion:	188	Resp:	498441
Ion Ratio	Lower	Upper	
188	100		
94	10.5	9.4	14.2
80	11.5	10.2	15.2

Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 2.240 ng

RT: 12.37 min Scan# 1749

Delta R.T. -0.02 min

Lab File: BF098490.D

Acq: 13 Sep 2017 15:18

Instrument :

BNA_F

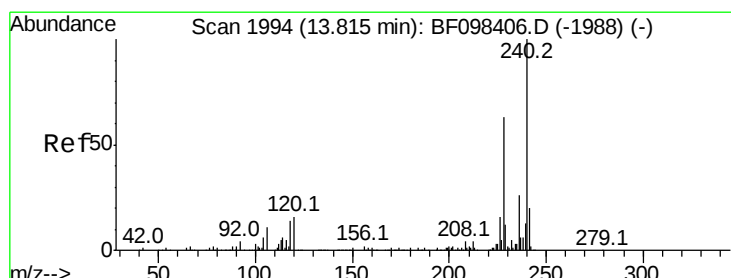
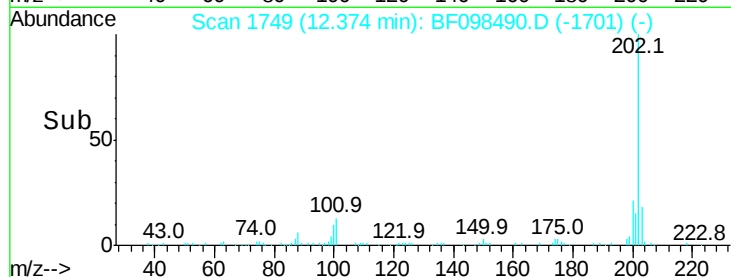
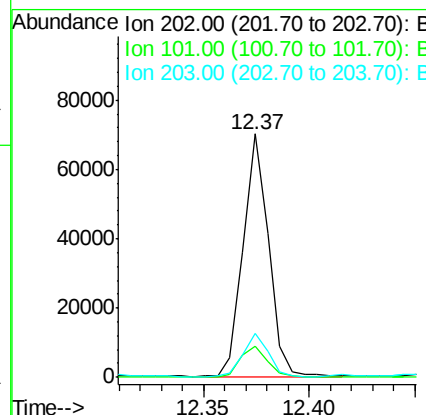
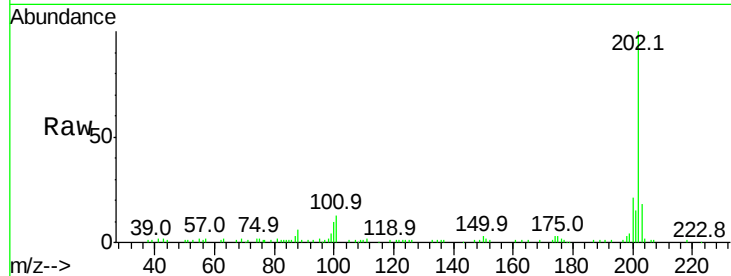
ClientSampleId :

CL-02-091117-D

Tot Ion:	202	Resp:	59242
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	33.2
203	18.0	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

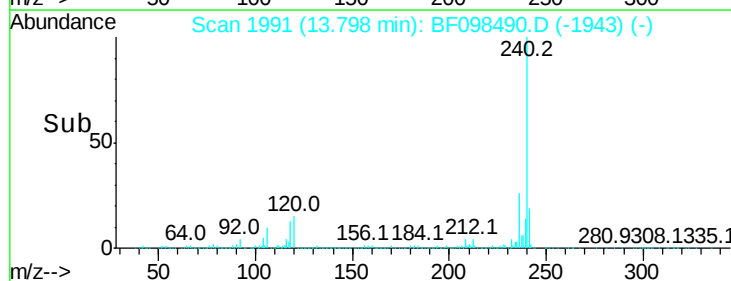
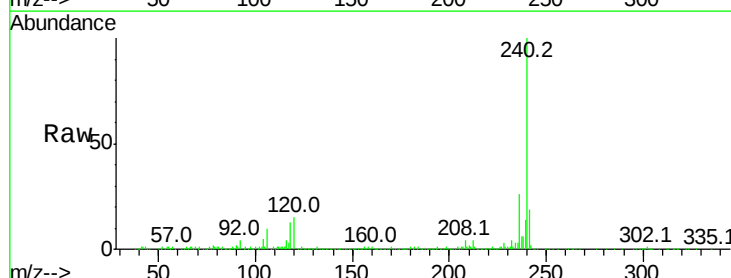
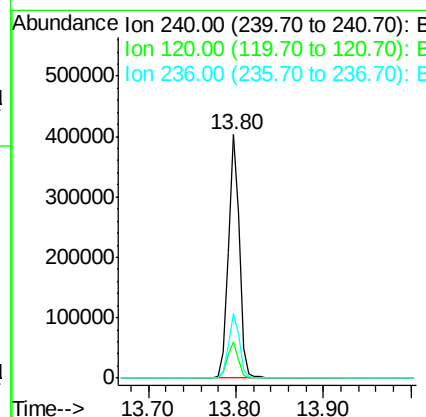
RT: 13.80 min Scan# 1991

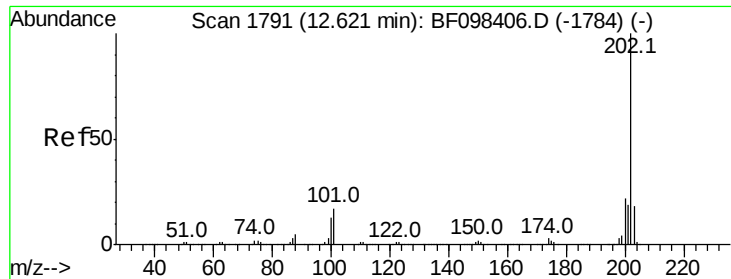
Delta R.T. -0.02 min

Lab File: BF098490.D

Acq: 13 Sep 2017 15:18

Tgt Ion:	240	Resp:	355158
Ion Ratio	Lower	Upper	
240	100		
120	15.1	5.8	8.8#
236	26.3	20.5	30.7





#77

Pvrene

Concen: 2.149 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.02 min

Lab File: BF098490.D

Acq: 13 Sep 2017 15:18

Instrument :

BNA_F

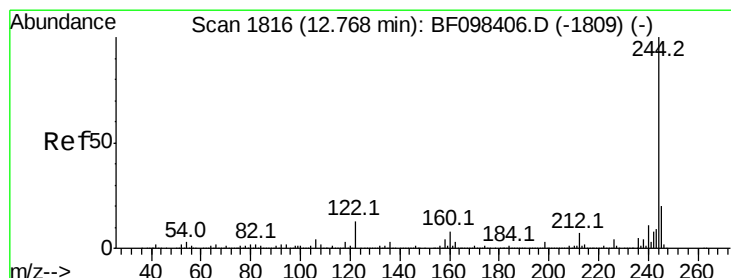
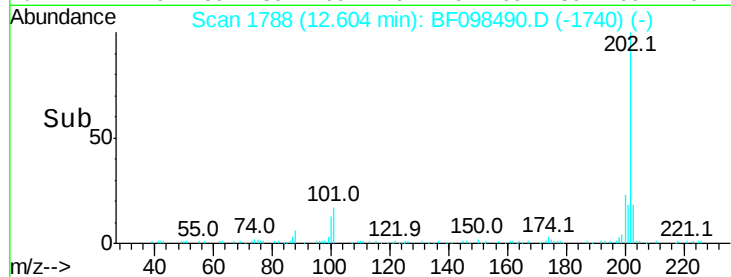
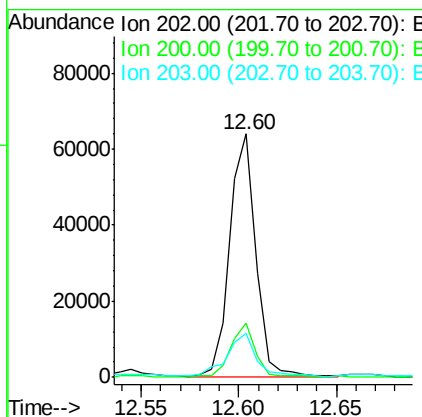
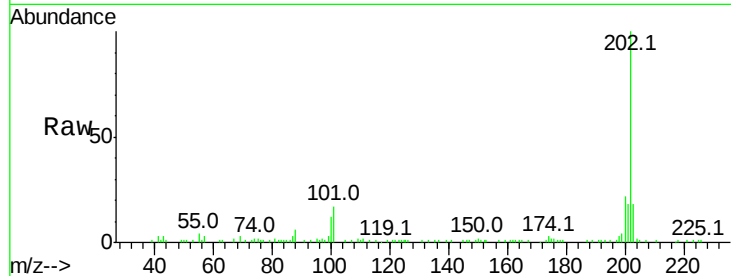
ClientSampleId :

CL-02-091117-D

Tot Ion:	202	Resp:	60213
Ion Ratio	Lower	Upper	
202	100		
200	22.4	17.6	26.4
203	18.0	14.4	21.6

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#78

Terphenyl-d14

Concen: 12.796 ng

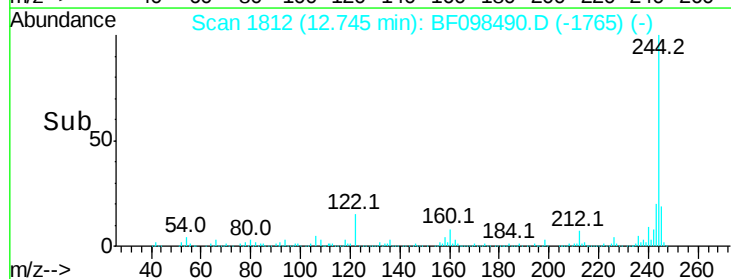
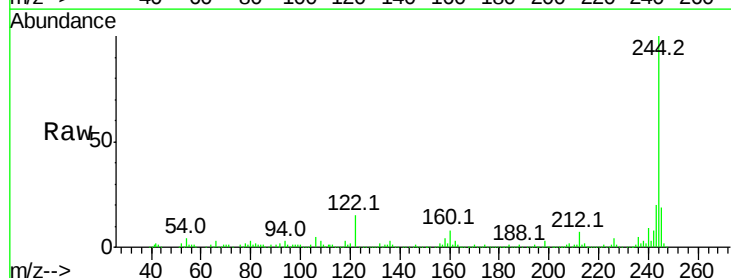
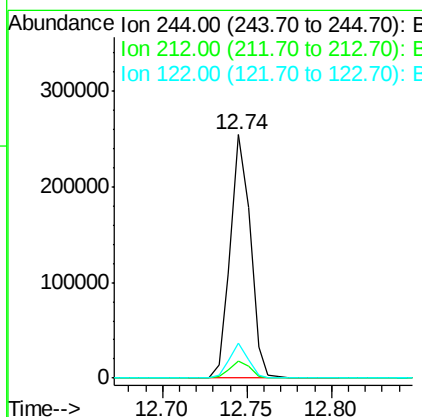
RT: 12.74 min Scan# 1812

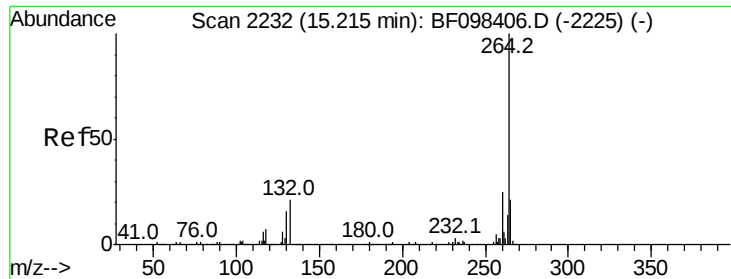
Delta R.T. -0.02 min

Lab File: BF098490.D

Acq: 13 Sep 2017 15:18

Tgt Ion:	244	Resp:	210549
Ion Ratio	Lower	Upper	
244	100		
212	6.9	6.0	9.0
122	14.5	10.3	15.5





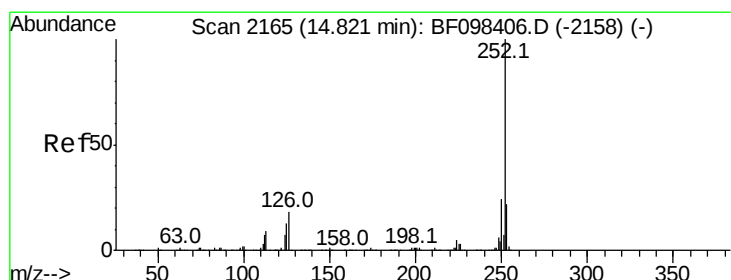
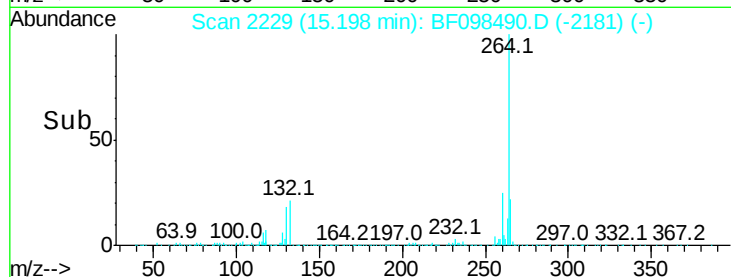
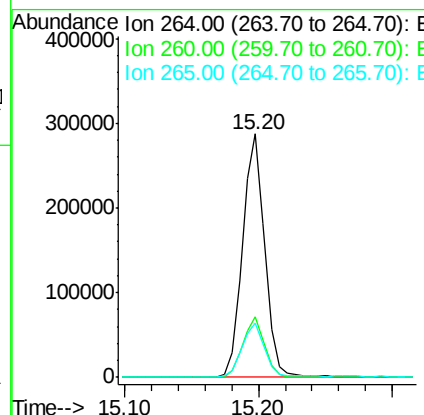
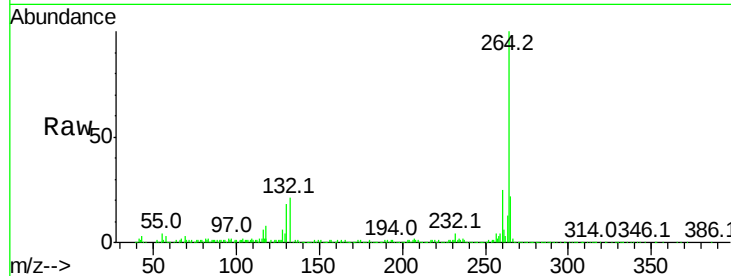
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BF098490.D
Acq: 13 Sep 2017 15:18

Instrument :
BNA_F
ClientSampleId :
CL-02-091117-D

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	25.1	19.5	29.3	
265	22.4	17.2	25.8	

Manual Integrations
APPROVED

Sohil
9/14/2017 5:52:24 PM



#87
Benzo(b)fluoranthene
Concen: 2.191 ng m
RT: 14.80 min Scan# 2162
Delta R.T. -0.02 min
Lab File: BF098490.D
Acq: 13 Sep 2017 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	26.0	18.1	27.1	
125	21.1	9.8	14.8#	

