

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
 Data File : BF100980.D
 Acq On : 29 Nov 2017 16:17
 Operator : SJ/JU
 Sample : I6304-26 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-112817-C

Manual Integrations
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Quant Time: Nov 30 05:14:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 15:21:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	68224	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	262270	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	110817	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	171241	20.00	ng	0.00
75) Chrysene-d12	14.02	240	146975	20.00	ng	-0.01
86) Perylene-d12	15.49	264	113489	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	204328	48.01	ng	-0.01
7) Phenol-d6	6.48	99	243792	46.45	ng	-0.01
23) Nitrobenzene-d5	7.41	82	144954	36.54	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	55368	49.03	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	320872	44.09	ng	-0.01
78) Terphenyl-d14	12.96	244	226374	35.39	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.60	163	25332	2.994	ng	Qvalue # 98
74) Fluoranthene	12.59	202	30789	3.222	ng	96
77) Pyrene	12.82	202	25350	2.420	ng	96
87) Benzo(b)fluoranthene	15.06	252	14197m	2.112	ng	

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

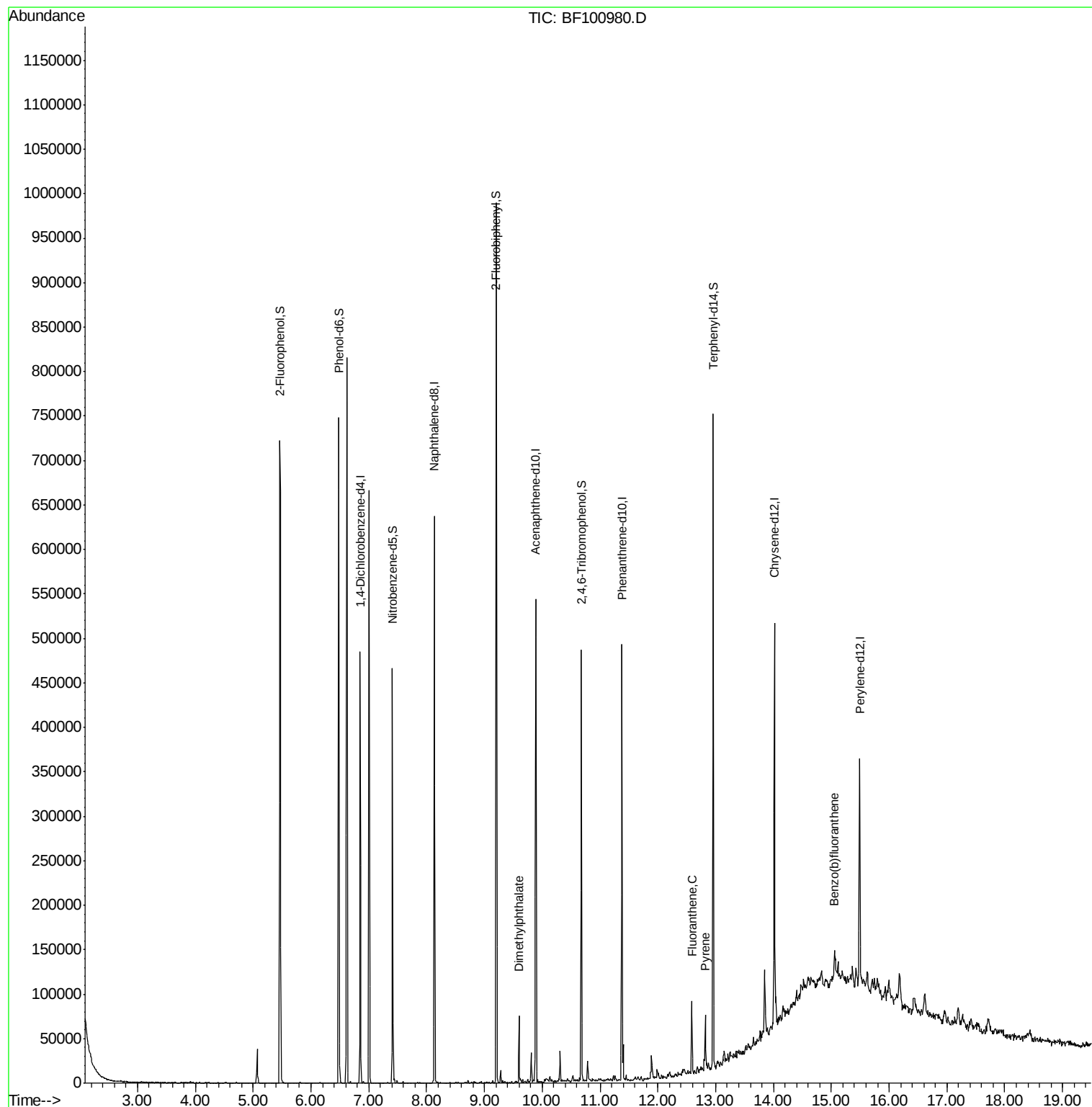
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
Data File : BF100980.D
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ALS Vial : 9 Sample Multiplier: 1

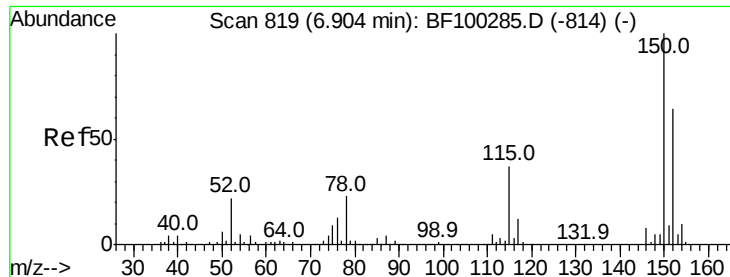
Instrument :
BNA_F
ClientSampleId :
CL-02-112817-C

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Quant Time: Nov 30 05:14:01 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
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Response via : Initial Calibration





#1

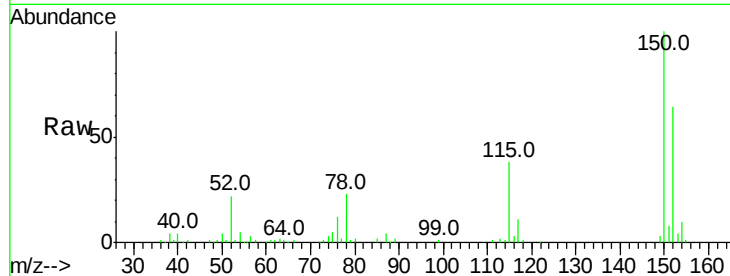
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF100980.D
Acq: 29 Nov 2017 16:17

Instrument :
BNA_F
ClientSampled :
CL-02-112817-C

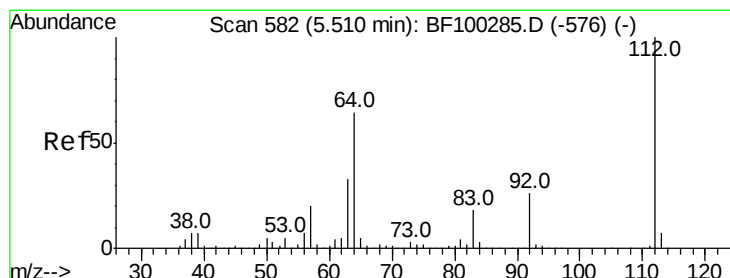
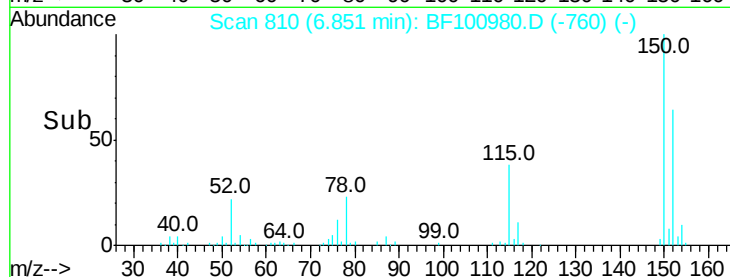
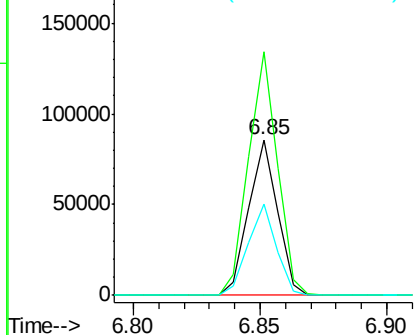
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	58.8	50.1	75.1

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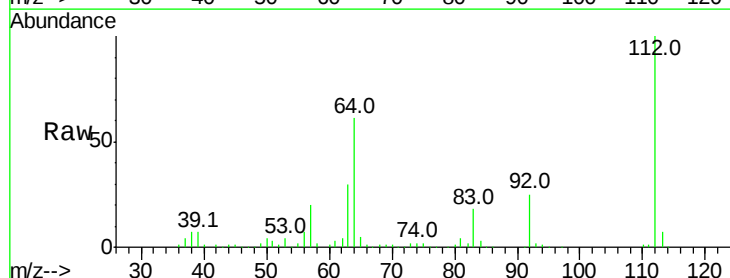
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



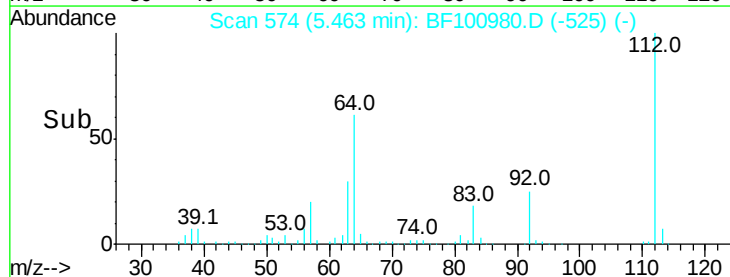
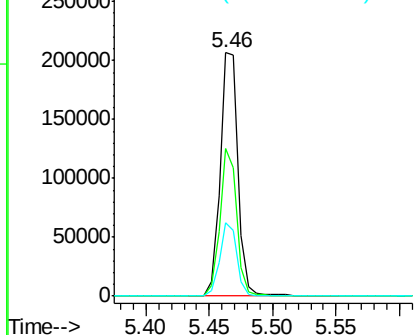
#5

2-Fluorophenol
Concen: 48.009 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF100980.D
Acq: 29 Nov 2017 16:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.9	47.9	71.9
63	30.0	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: 46.452 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF100980.D

Acq: 29 Nov 2017 16:17

Instrument :

BNA_F

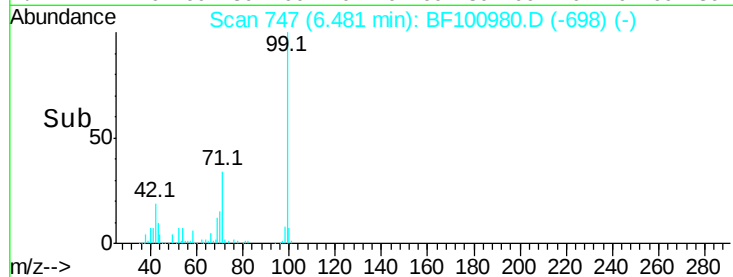
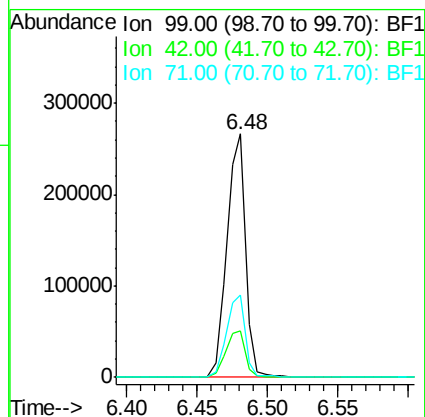
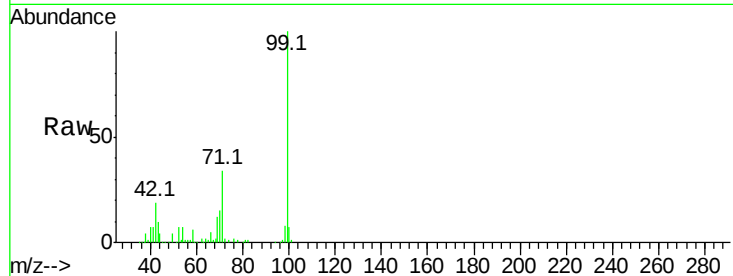
ClientSampleId :

CL-02-112817-C

Tot Ion:	99	Resp:	243792
Ion Ratio	Lower	Upper	
99	100		
42	19.3	14.5	21.7
71	33.8	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

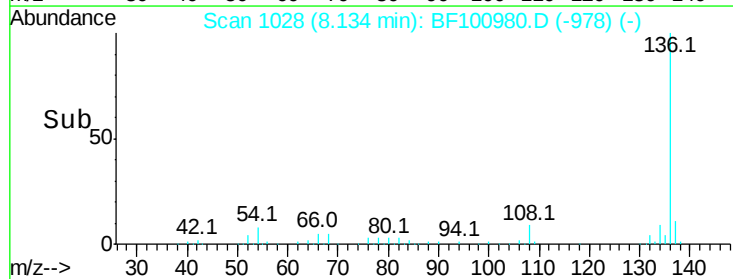
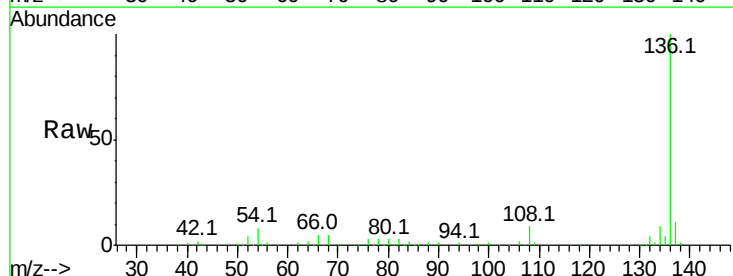
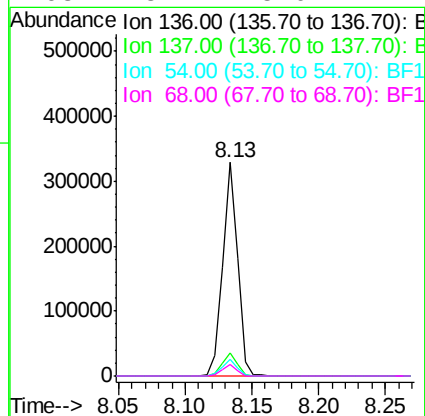
RT: 8.13 min Scan# 1028

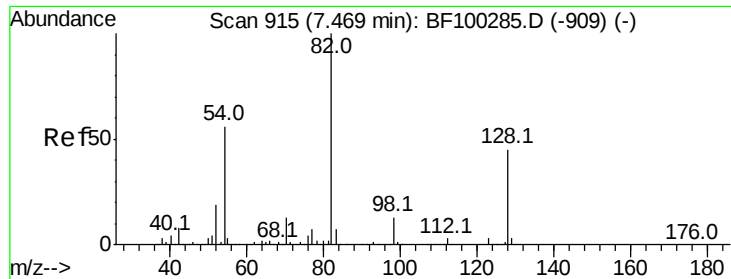
Delta R.T. -0.01 min

Lab File: BF100980.D

Acq: 29 Nov 2017 16:17

Tgt Ion:	136	Resp:	262270
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	7.6	6.6	9.8
68	5.2	5.0	7.4





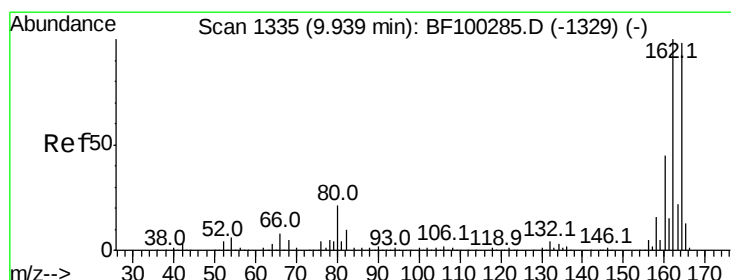
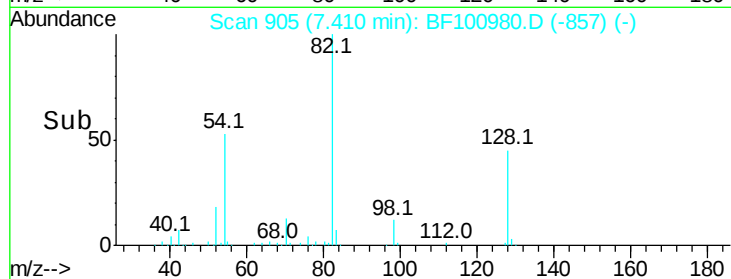
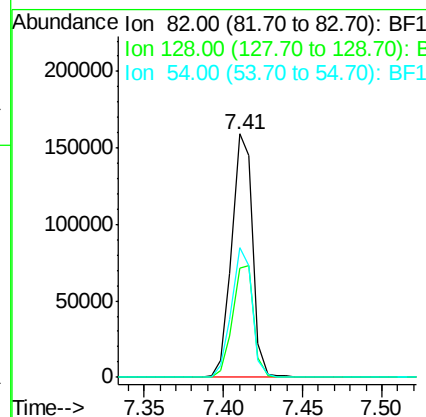
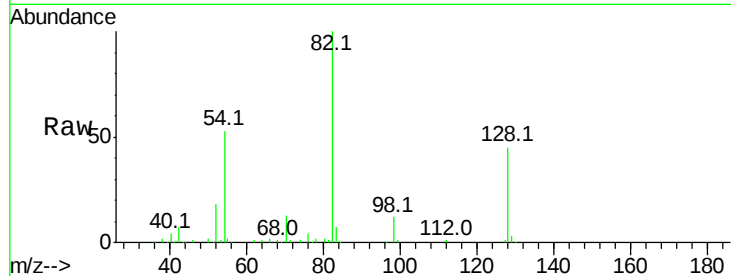
#23
Nitrobenzene-d5
Concen: 36.540 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.02 min
Lab File: BF100980.D
Acq: 29 Nov 2017 16:17

Instrument :
BNA_F
ClientSampleId :
CL-02-112817-C

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	53.3	41.4	62.2

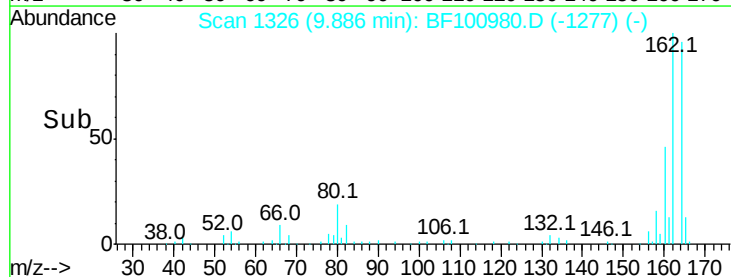
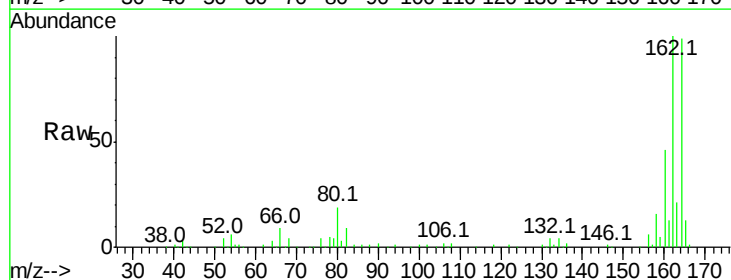
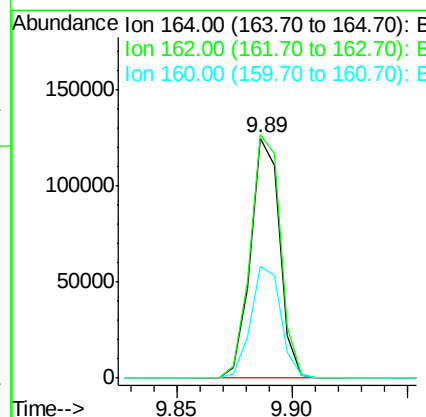
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF100980.D
Acq: 29 Nov 2017 16:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	86.1	129.1
160	46.4	38.3	57.5





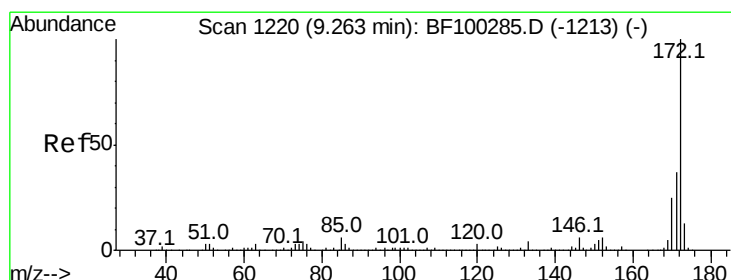
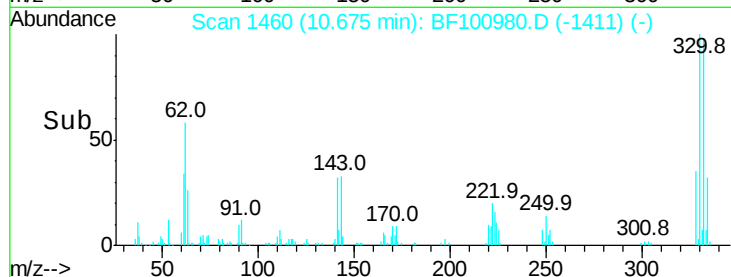
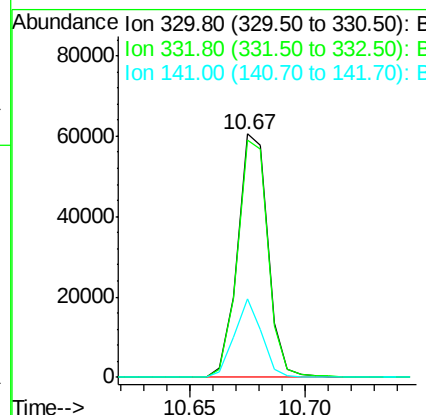
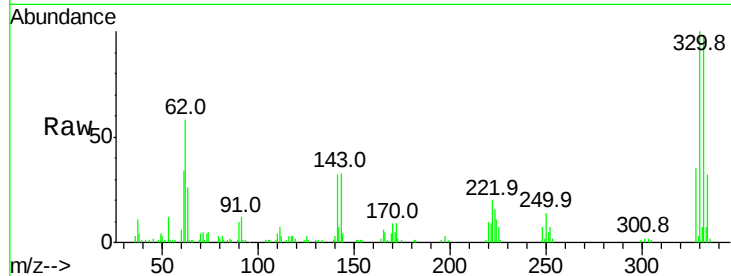
#41
 2,4,6-Tribromophenol
 Concen: 49.032 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF100980.D
 Acq: 29 Nov 2017 16:17

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-112817-C

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.0	77.0	115.6	
141	29.0	29.9	44.9#	

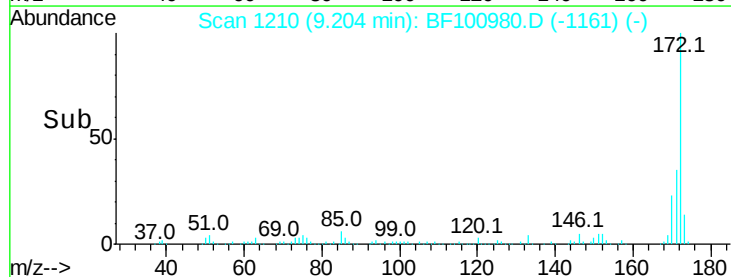
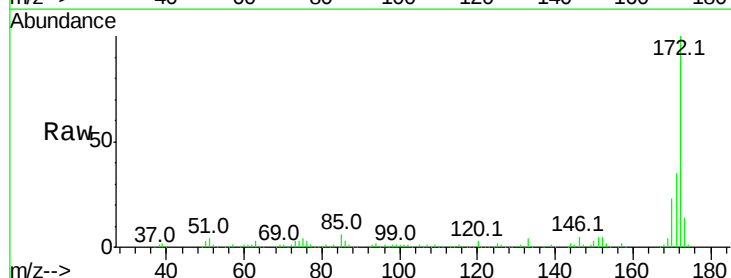
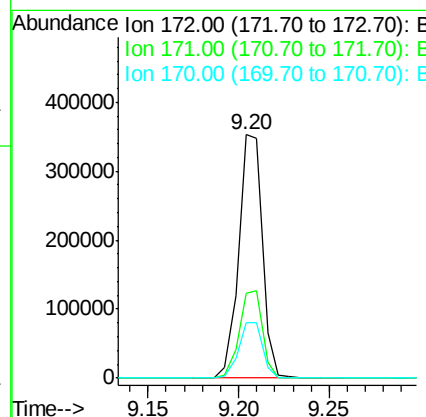
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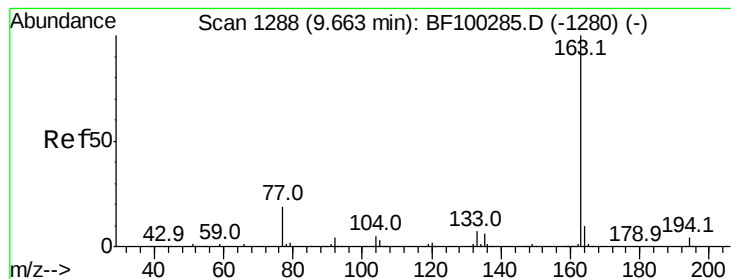
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#44
 2-Fluorobiphenyl
 Concen: 44.090 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF100980.D
 Acq: 29 Nov 2017 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.0	29.7	44.5	
170	22.6	19.6	29.4	





#49

Dimethylphthalate

Concen: 2.994 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF100980.D

Acq: 29 Nov 2017 16:17

Instrument :

BNA_F

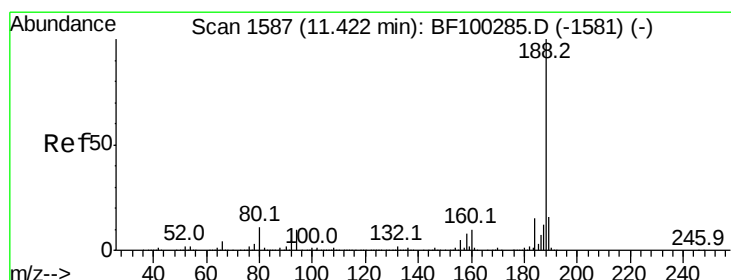
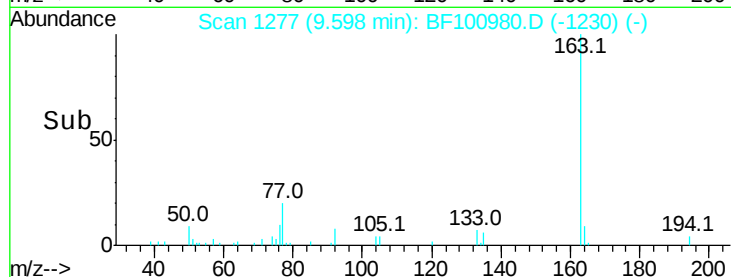
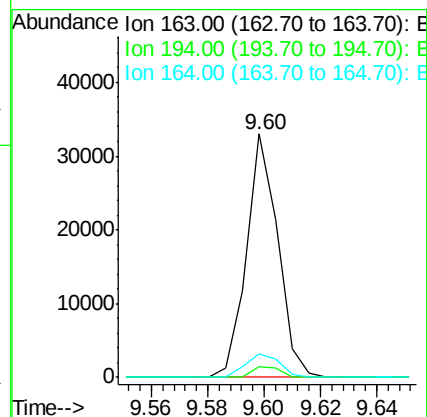
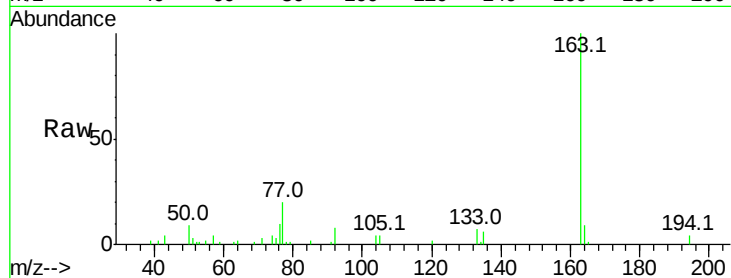
ClientSampleId :

CL-02-112817-C

Tot Ion:	163	Resp:	25332
Ion Ratio	Lower	Upper	
163	100		
194	4.2	2.7	4.1#
164	9.4	8.2	12.2

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#63

Phenanthrene-d10

Concen: 20.000 ng

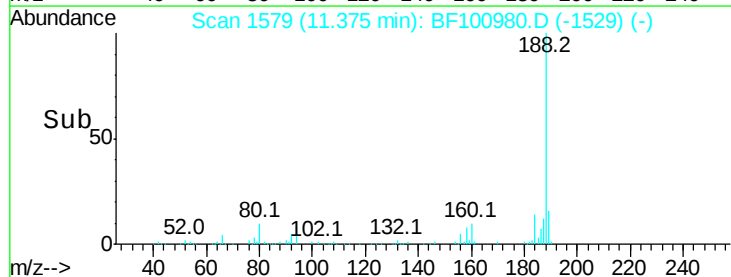
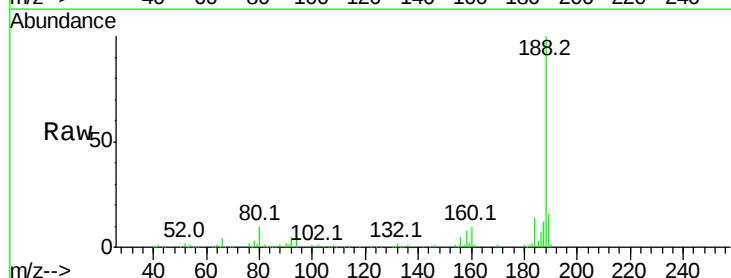
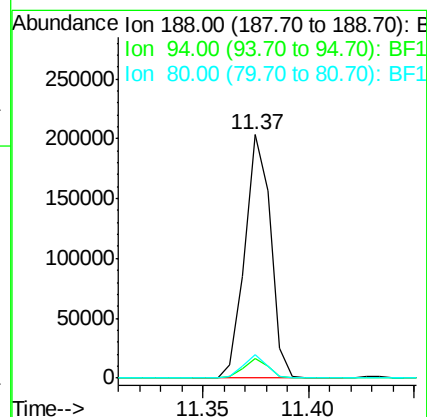
RT: 11.37 min Scan# 1579

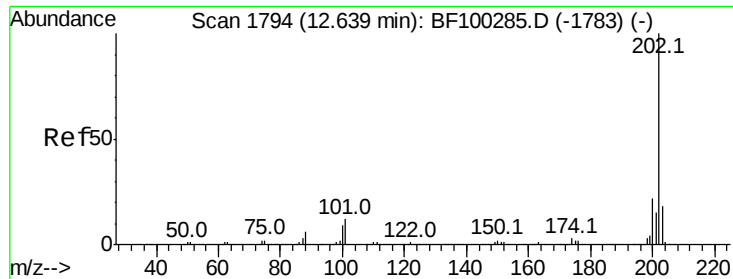
Delta R.T. -0.01 min

Lab File: BF100980.D

Acq: 29 Nov 2017 16:17

Tgt Ion:	188	Resp:	171241
Ion Ratio	Lower	Upper	
188	100		
94	8.3	8.5	12.7#
80	9.9	9.2	13.8





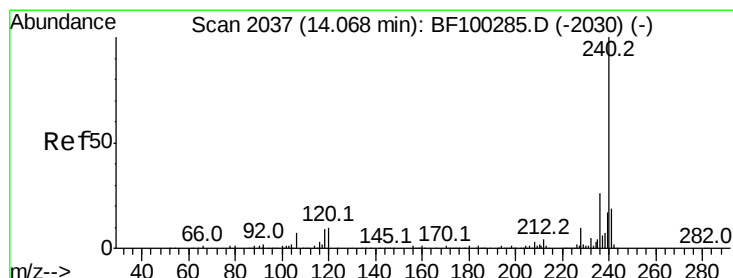
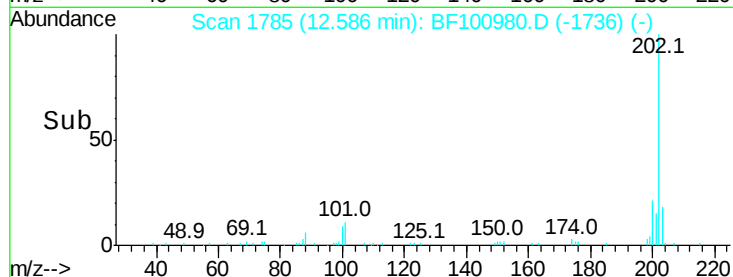
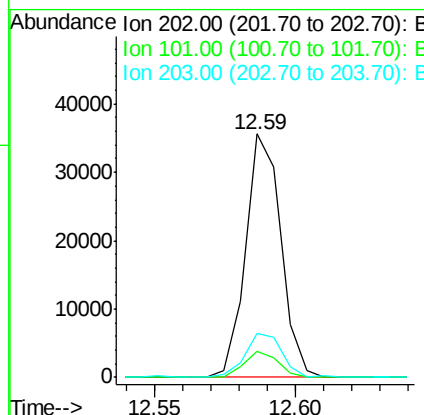
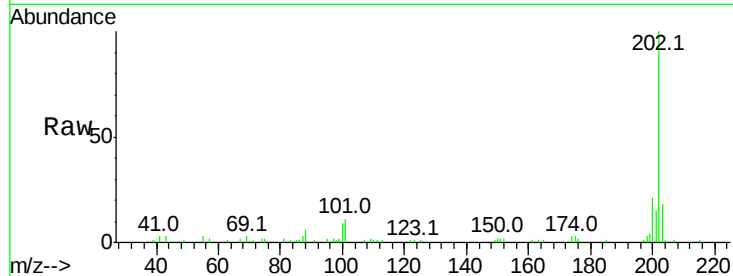
#74
Fluoranthene
Concen: 3.222 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BF100980.D
Acq: 29 Nov 2017 16:17

Instrument :
BNA_F
ClientSampleId :
CL-02-112817-C

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.6	0.0	34.1
203	18.2	0.0	38.1

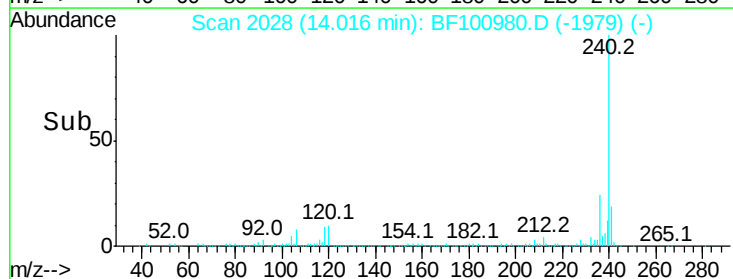
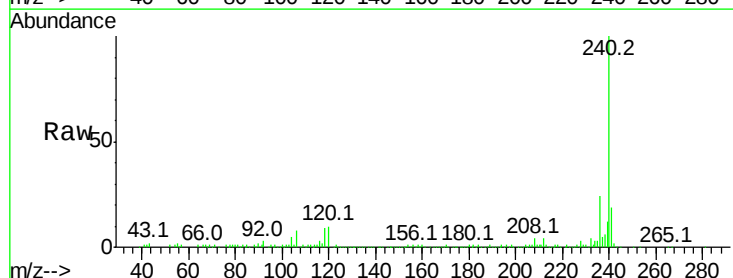
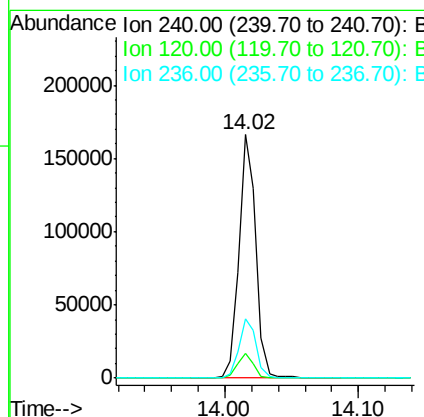
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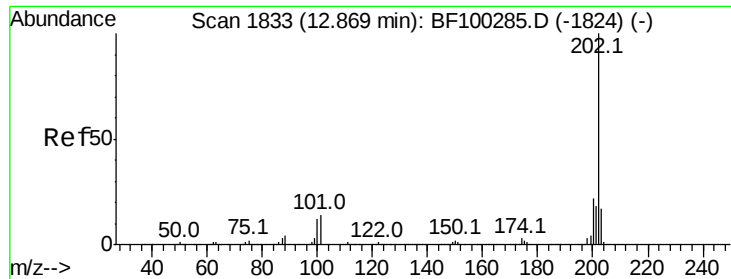
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF100980.D
Acq: 29 Nov 2017 16:17

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.3	9.5	14.3
236	24.2	20.7	31.1





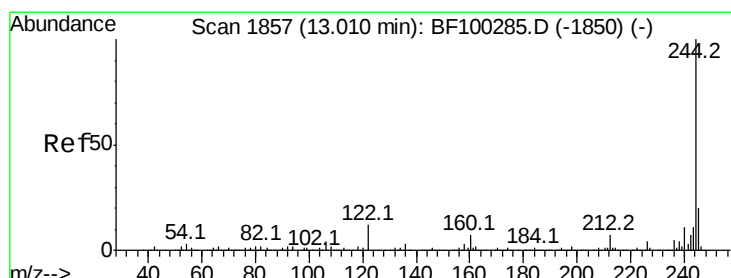
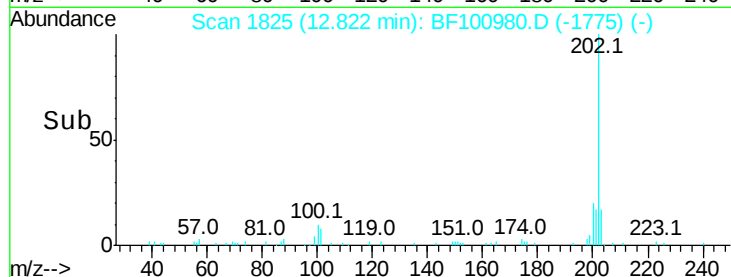
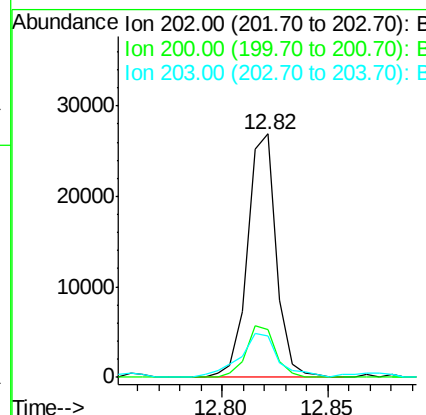
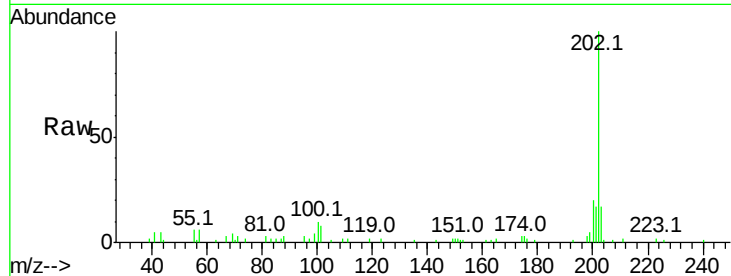
#77
Pvrene
Concen: 2.420 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF100980.D
Acq: 29 Nov 2017 16:17

Instrument :
BNA_F
ClientSampleId :
CL-02-112817-C

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.6	17.4	26.2
203	17.0	14.3	21.5

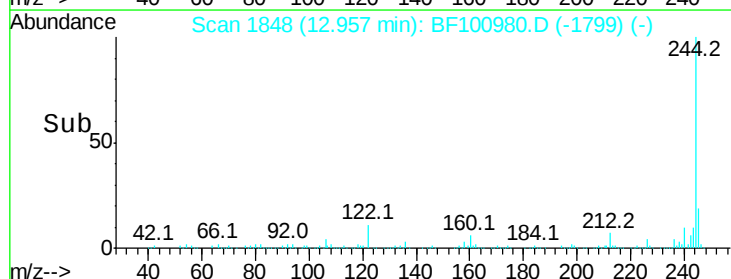
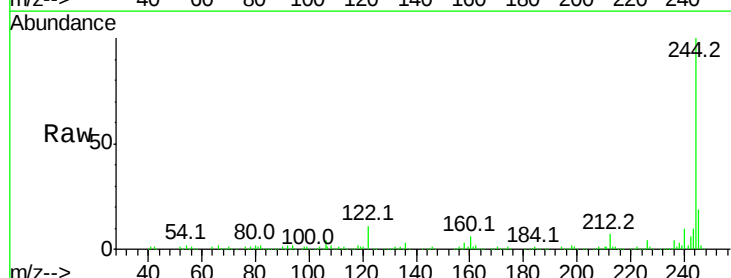
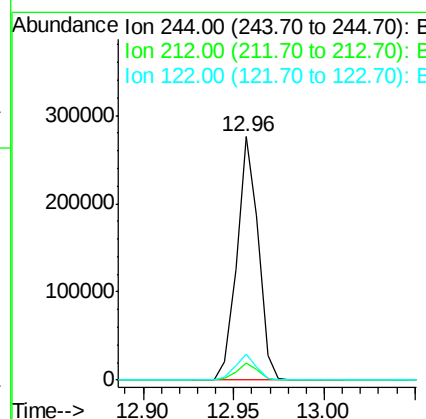
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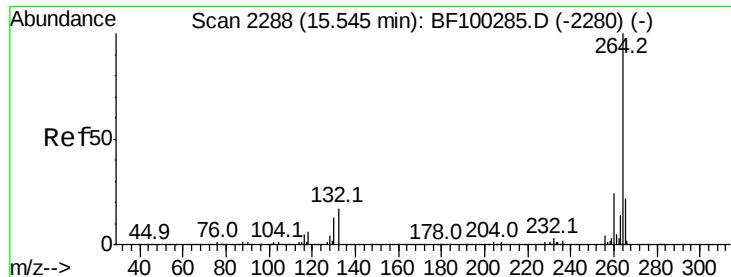
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#78
Terphenyl-d14
Concen: 35.390 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF100980.D
Acq: 29 Nov 2017 16:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	10.7	11.0	16.4#





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BF100980.D

Acq: 29 Nov 2017 16:17

Instrument :

BNA_F

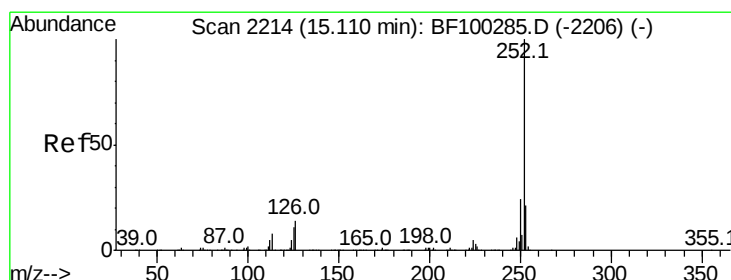
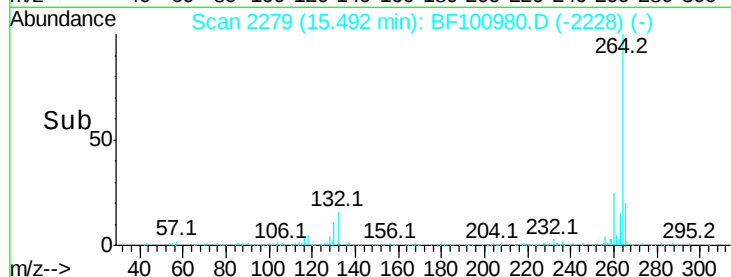
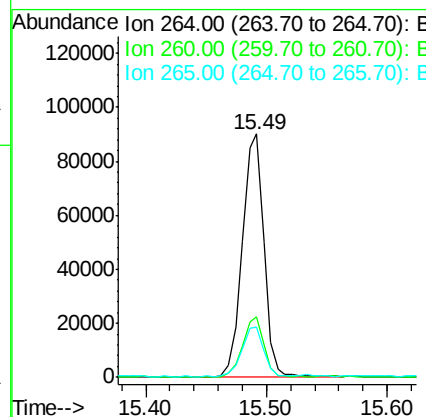
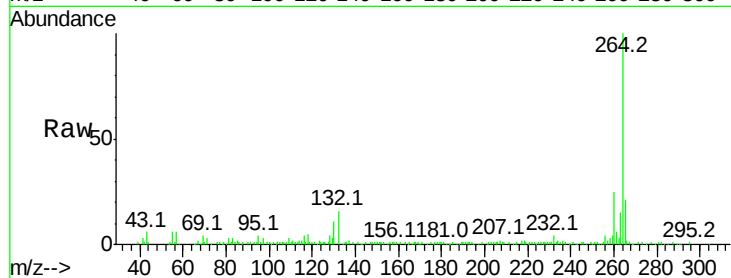
ClientSampleId :

CL-02-112817-C

Tot Ion:	264	Resp:	113489
Ion Ratio	Lower	Upper	
264	100		
260	25.1	19.2	28.8
265	20.5	17.5	26.3

Manual Integrations
APPROVED

Sohil
11/30/2017 4:29:47 PM



#87

Benzo(b)fluoranthene

Concen: 2.112 ng m

RT: 15.06 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BF100980.D

Acq: 29 Nov 2017 16:17

Tgt Ion:	252	Resp:	14197
Ion Ratio	Lower	Upper	
252	100		
253	33.0	17.0	25.6#
125	17.6	9.0	13.6#

