

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
 Data File : BF099201.D
 Acq On : 7 Oct 2017 18:28
 Operator : SJ/JU
 Sample : I5658-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-100417

Manual Integrations
 APPROVED

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 10/9/2017 6:34:17 PM

Quant Time: Oct 08 04:47:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Oct 08 03:54:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	120697	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	447722	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	171739	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	266111	20.00	ng	0.00
75) Chrysene-d12	14.03	240	221820	20.00	ng	0.00
86) Perylene-d12	15.51	264	165117	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	154217	20.34	ng	0.00
7) Phenol-d6	6.49	99	181090	19.36	ng	0.00
23) Nitrobenzene-d5	7.42	82	95239	13.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	23642	16.82	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	191435	18.61	ng	0.00
78) Terphenyl-d14	12.97	244	140493	14.40	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.61	163	26754	2.064	ng	99
74) Fluoranthene	12.60	202	29807	2.067	ng	98
77) Pyrene	12.83	202	34202	2.022	ng	99

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

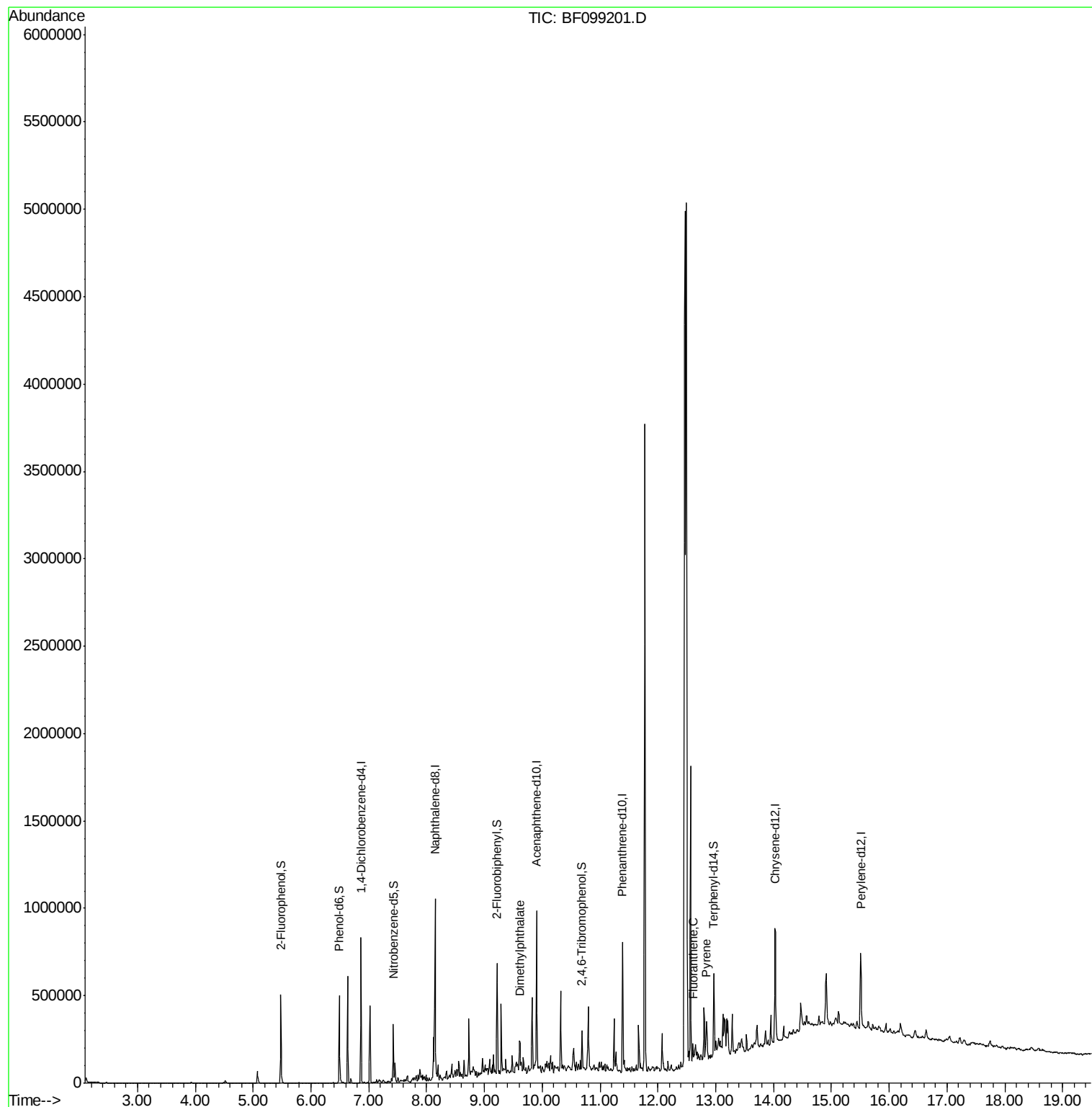
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
Data File : BF099201.D
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ALS Vial : 18 Sample Multiplier: 1

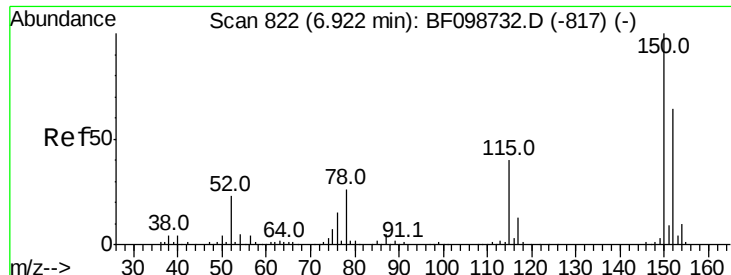
Instrument :
BNA_F
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SU-02-100417

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Quant Time: Oct 08 04:47:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
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#1

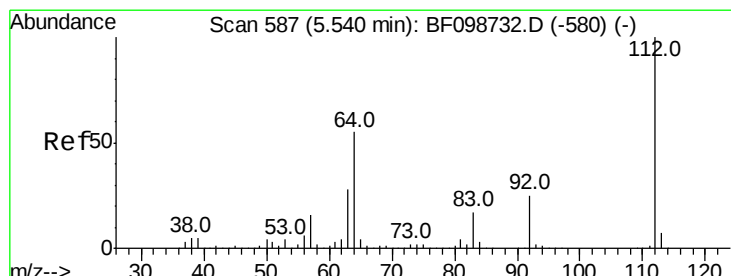
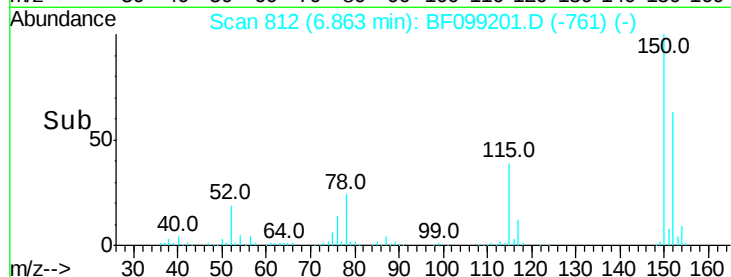
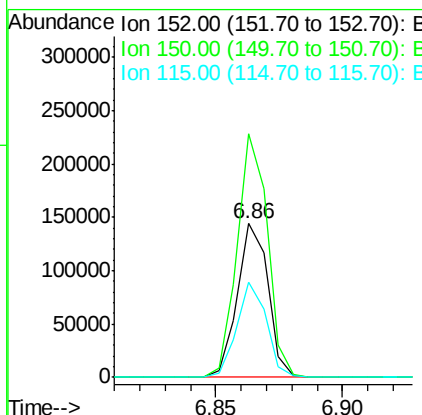
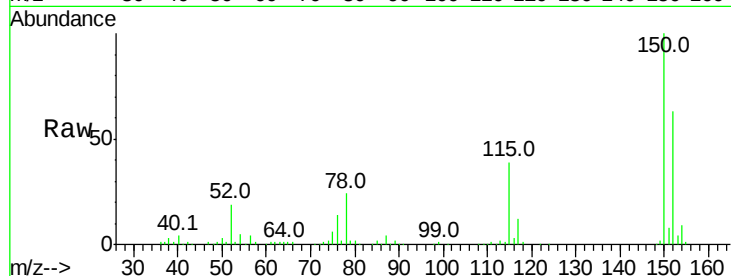
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF099201.D
Acq: 7 Oct 2017 18:28

Instrument :
BNA_F
ClientSampleId :
SU-02-100417

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	186.8
115	61.8	50.1	75.1

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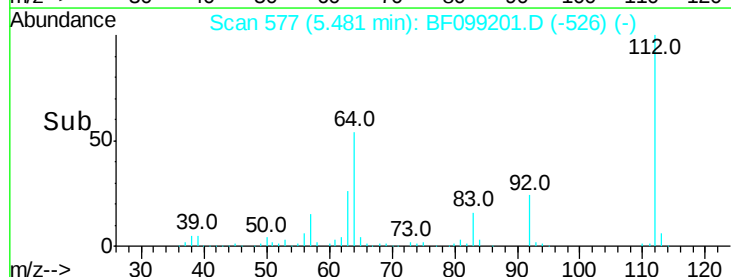
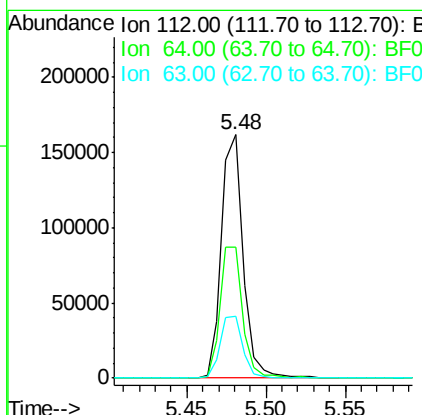
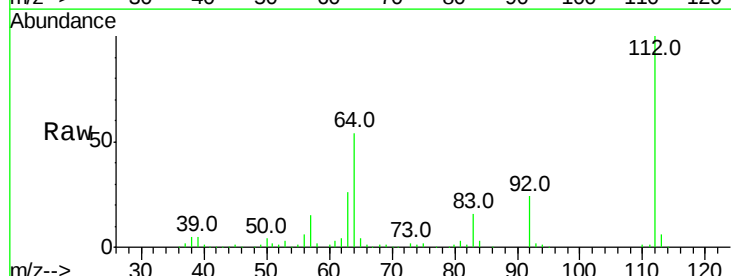
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#5

2-Fluorophenol
Concen: 20.340 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF099201.D
Acq: 7 Oct 2017 18:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.6	47.9	71.9
63	25.6	23.7	35.5





#7

Phenol-d6

Concen: 19.361 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099201.D

Acq: 7 Oct 2017 18:28

Instrument :

BNA_F

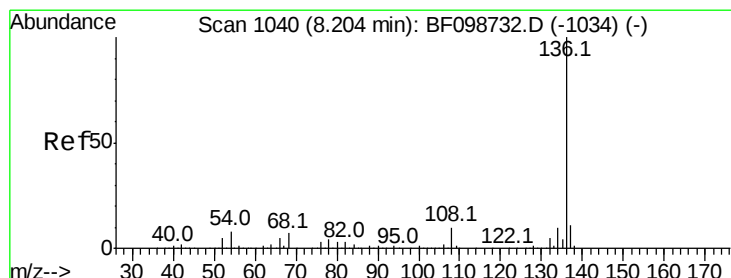
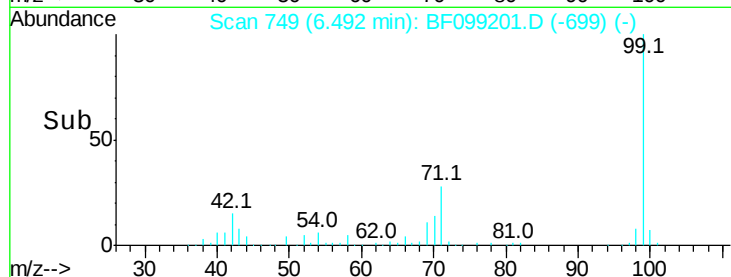
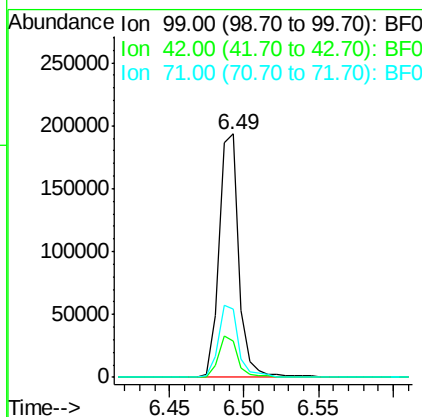
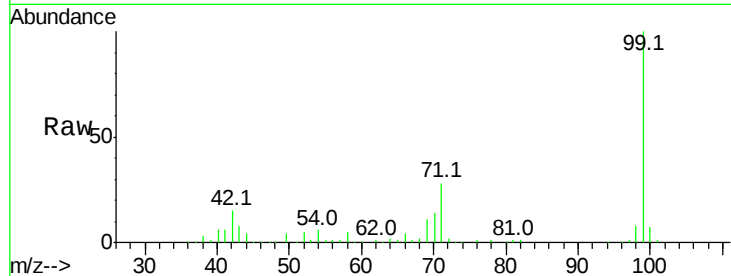
ClientSampled :

SU-02-100417

Tot Ion:	99	Resp:	181090
Ion Ratio	Lower	Upper	
99	100		
42	14.6	14.5	21.7
71	28.1	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

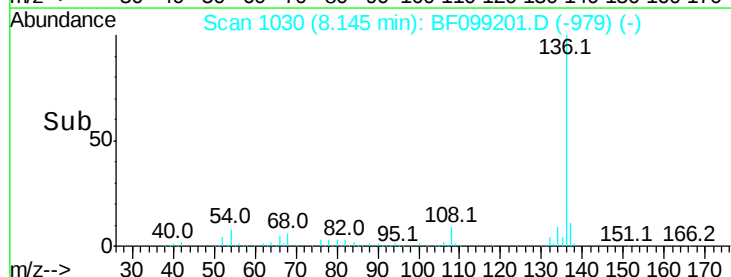
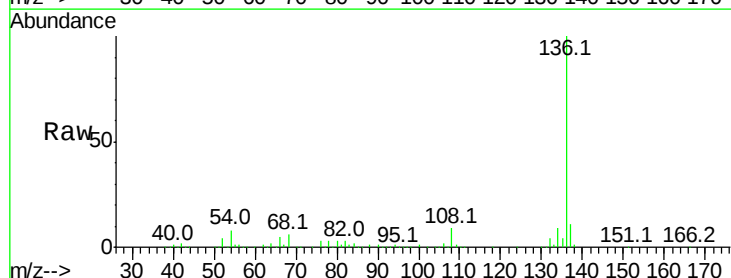
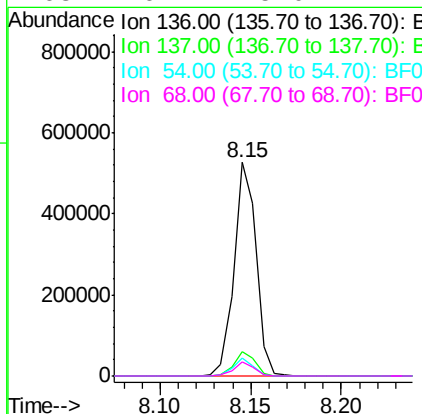
RT: 8.15 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF099201.D

Acq: 7 Oct 2017 18:28

Tgt Ion:	136	Resp:	447722
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.9	13.3
54	8.1	6.6	9.8
68	6.4	5.0	7.4





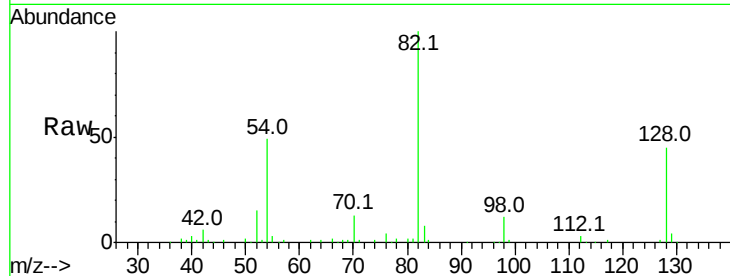
#23
 Nitrobenzene-d5
 Concen: 13.642 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF099201.D
 Acq: 7 Oct 2017 18:28

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-100417

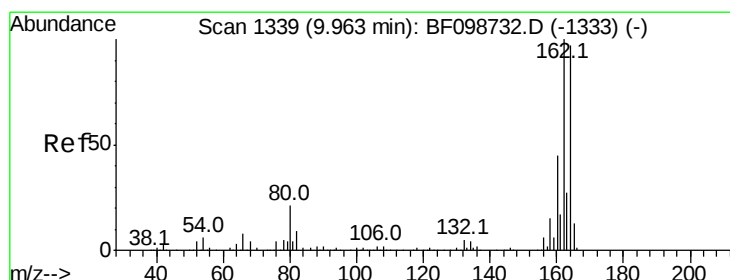
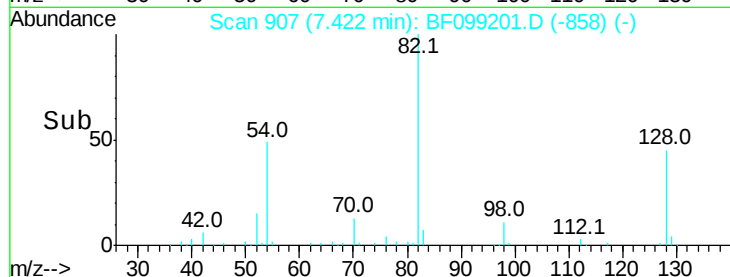
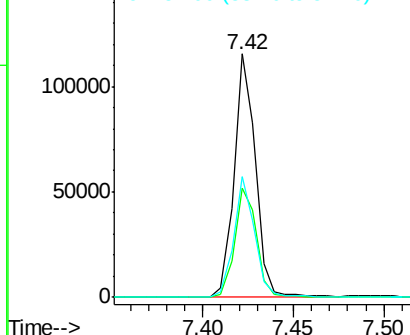
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	49.4	41.4	62.2

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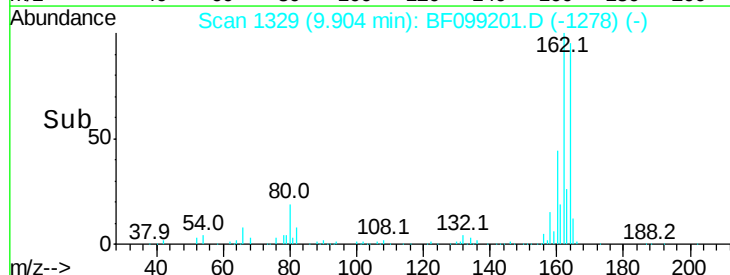
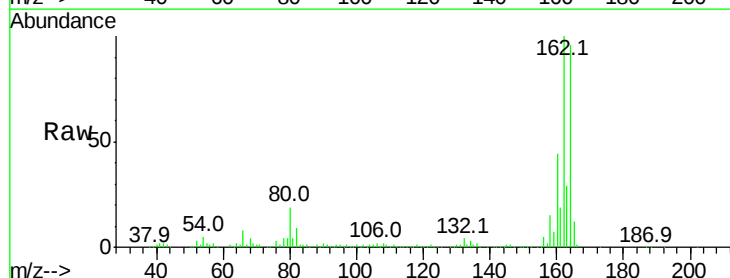
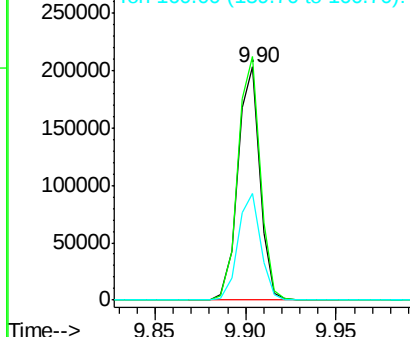
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: BF099201.D
 Acq: 7 Oct 2017 18:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	86.1	129.1
160	45.9	38.3	57.5

Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





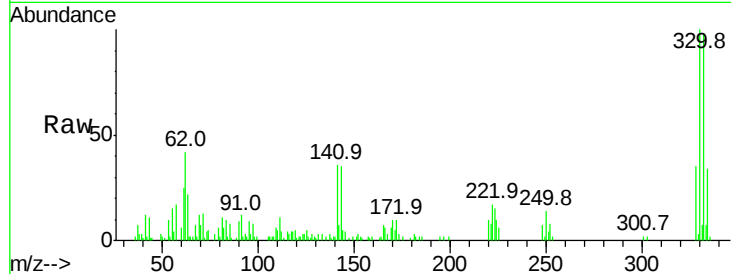
#41
 2,4,6-Tribromophenol
 Concen: 16.824 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: BF099201.D
 Acq: 7 Oct 2017 18:28

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-100417

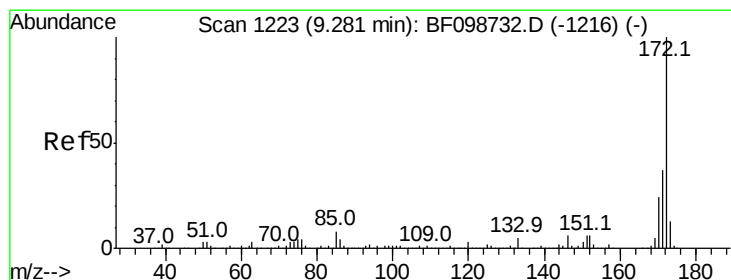
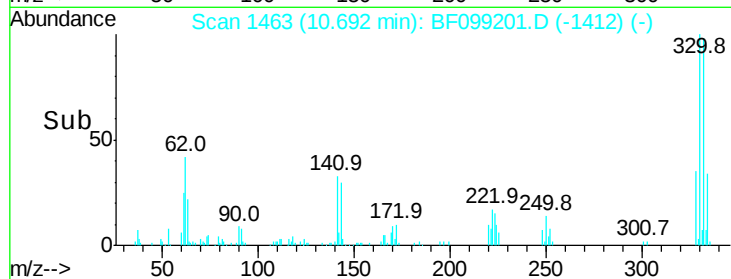
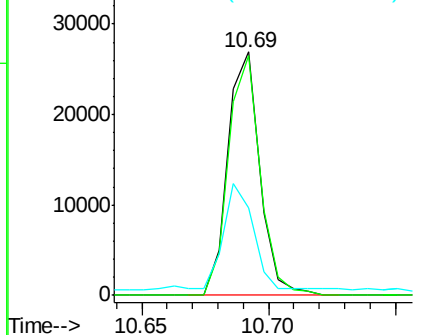
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.4	77.0	115.6	
141	46.2	29.9	44.9	

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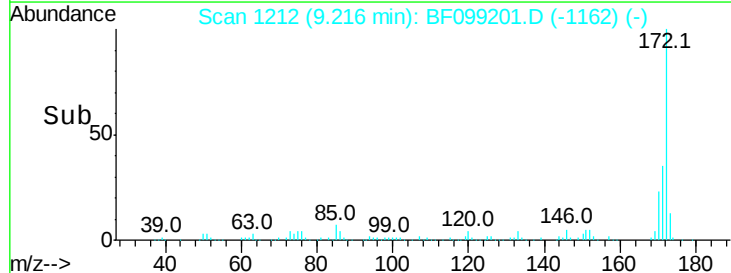
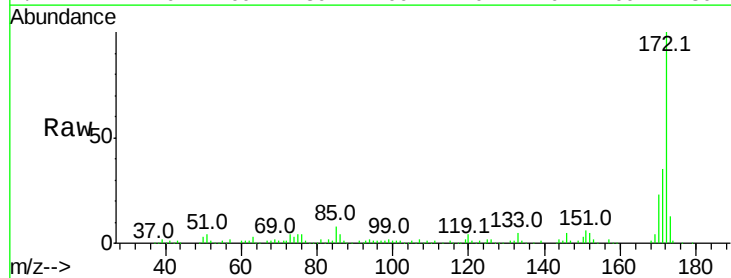
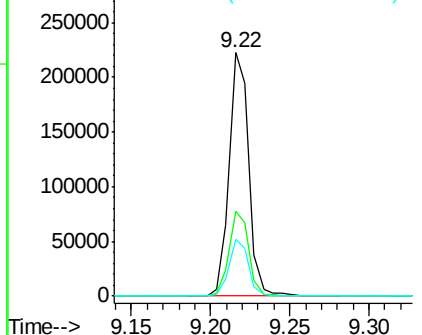
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

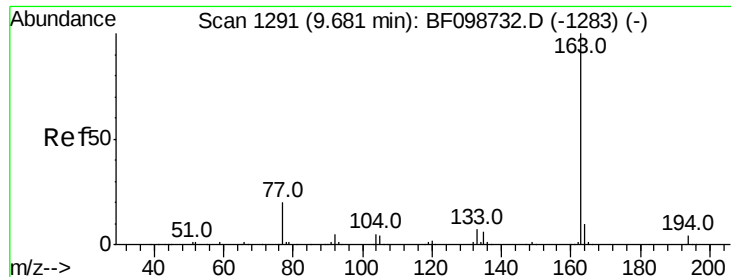


#44
 2-Fluorobiphenyl
 Concen: 18.609 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF099201.D
 Acq: 7 Oct 2017 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.9	29.7	44.5	
170	23.2	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





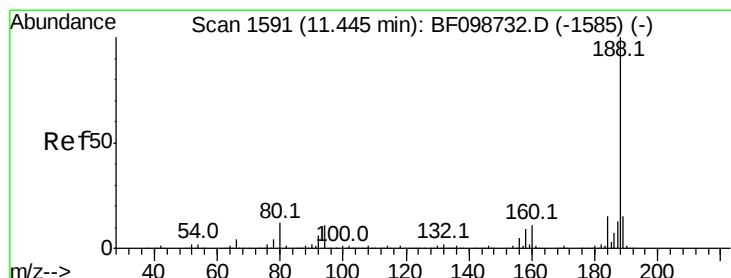
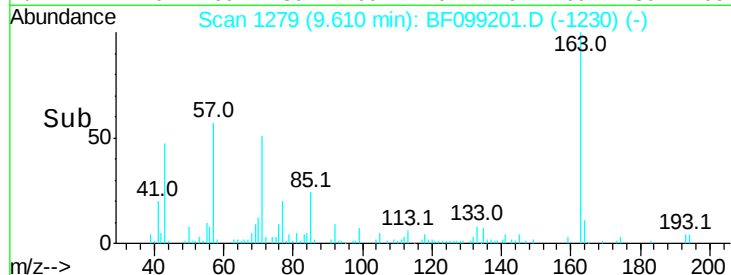
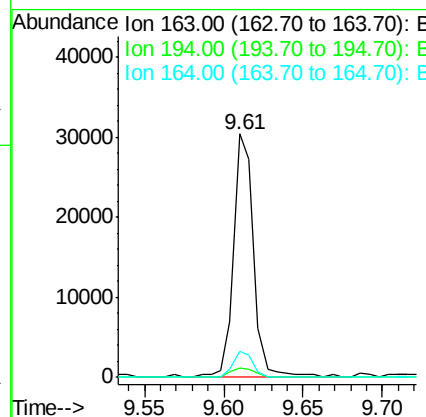
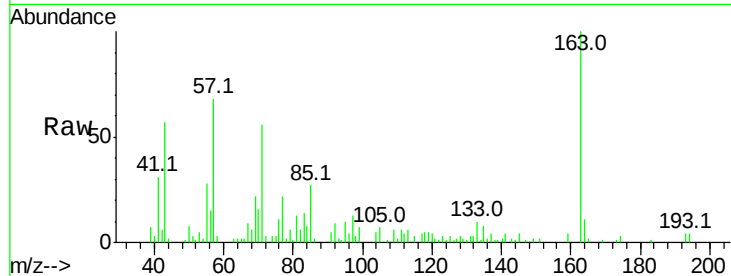
#49
Dimethylphthalate
Concen: 2.064 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF099201.D
Acq: 7 Oct 2017 18:28

Instrument :
BNA_F
ClientSampleId :
SU-02-100417

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1
164	10.7	8.2	12.2

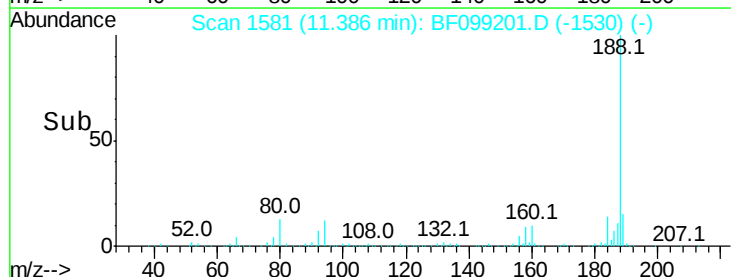
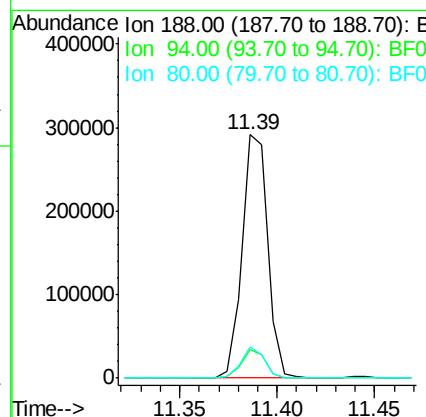
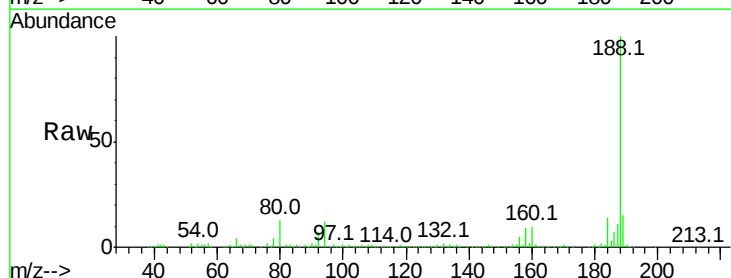
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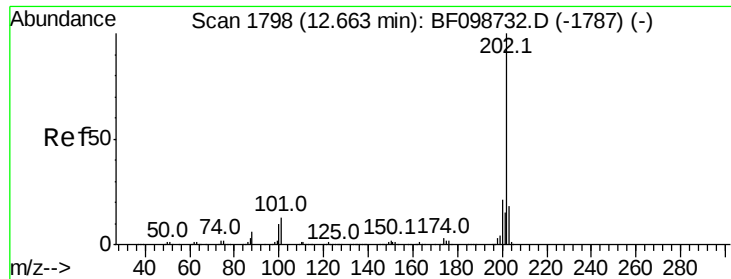
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BF099201.D
Acq: 7 Oct 2017 18:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.8	8.5	12.7
80	12.8	9.2	13.8





#74

Fluoranthene

Concen: 2.067 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BF099201.D

Acq: 7 Oct 2017 18:28

Instrument :

BNA_F

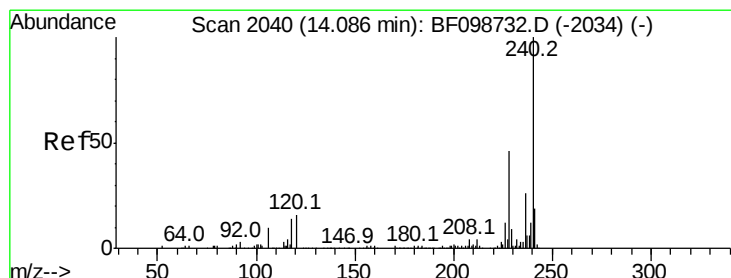
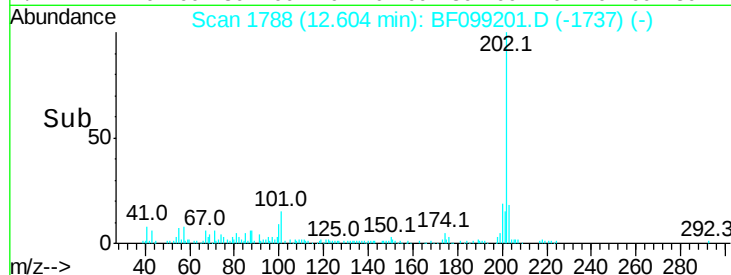
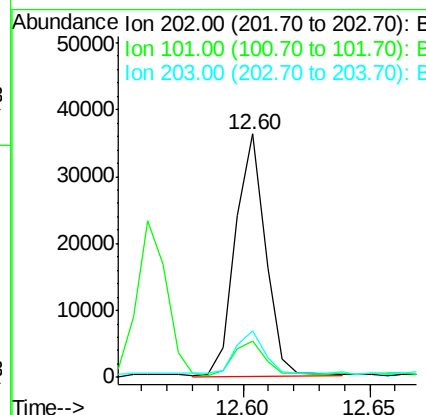
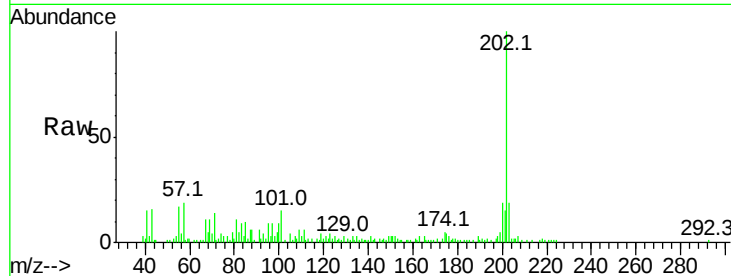
ClientSampleId :

SU-02-100417

Tot Ion:	202	Resp:	29807
Ion Ratio	Lower	Upper	
202	100		
101	15.0	0.0	34.1
203	18.9	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

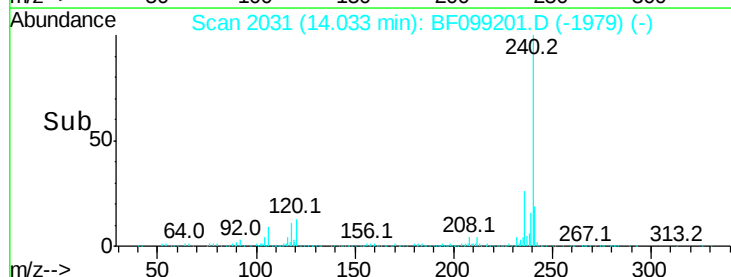
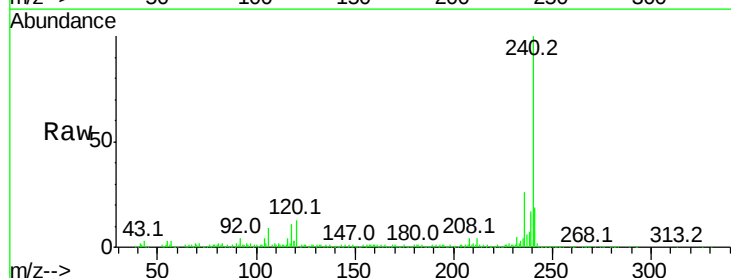
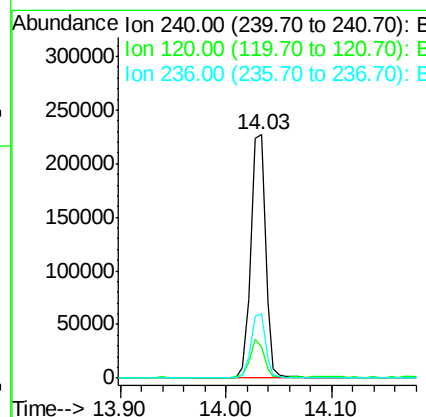
RT: 14.03 min Scan# 2031

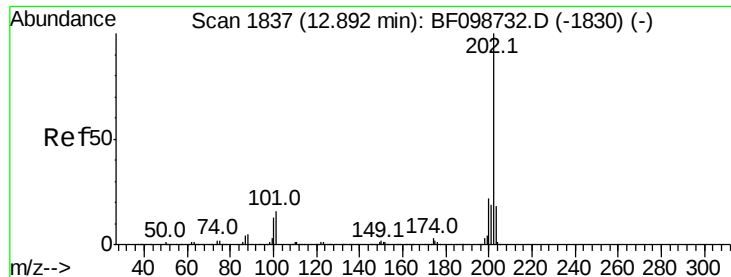
Delta R.T. 0.01 min

Lab File: BF099201.D

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Tgt Ion:	240	Resp:	221820
Ion Ratio	Lower	Upper	
240	100		
120	13.0	9.5	14.3
236	26.2	20.7	31.1





#77

Pvrene

Concen: 2.022 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF099201.D

Acq: 7 Oct 2017 18:28

Instrument :

BNA_F

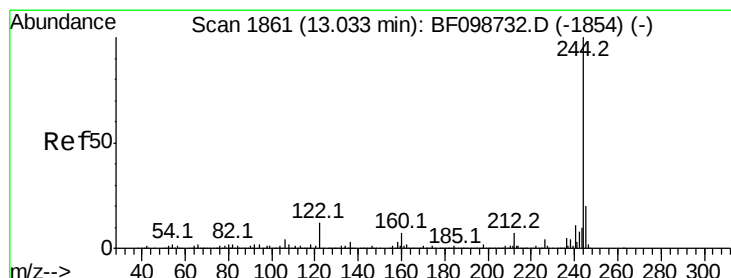
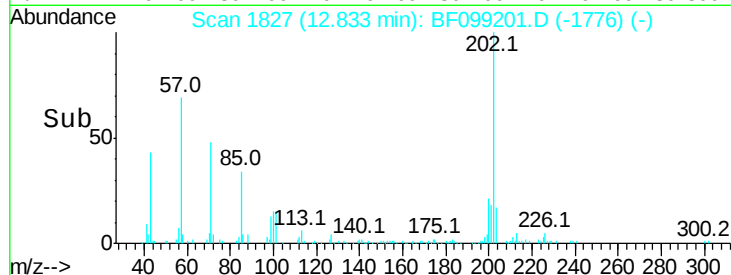
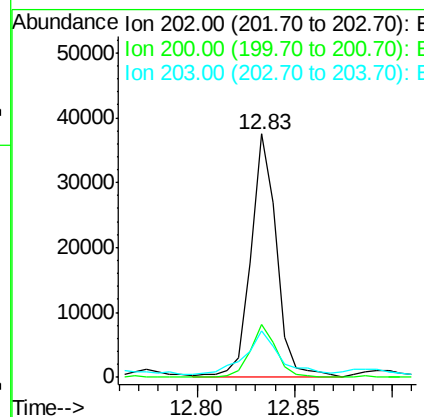
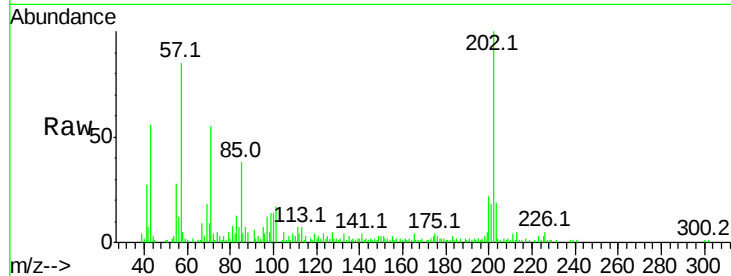
ClientSampleId :

SU-02-100417

Tot Ion:	202	Resp:	34202
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.4	26.2
203	19.1	14.3	21.5

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#78

Terphenyl-d14

Concen: 14.404 ng

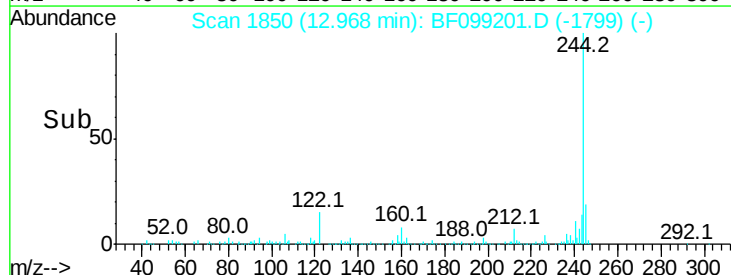
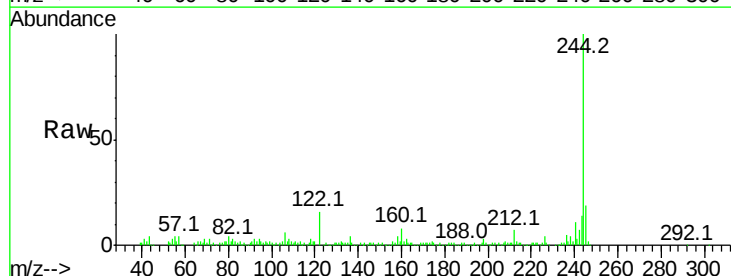
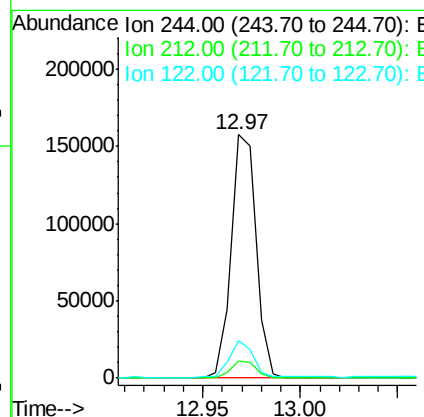
RT: 12.97 min Scan# 1850

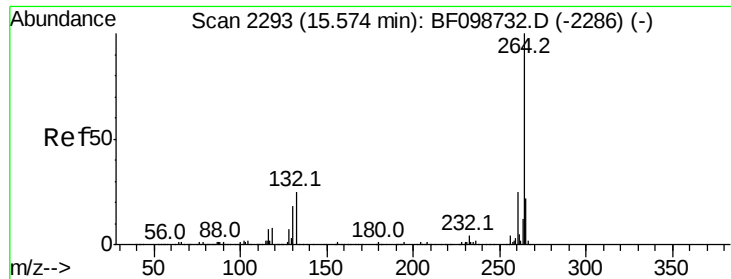
Delta R.T. -0.00 min

Lab File: BF099201.D

Acq: 7 Oct 2017 18:28

Tgt Ion:	244	Resp:	140493
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.4	8.0
122	15.5	11.0	16.4





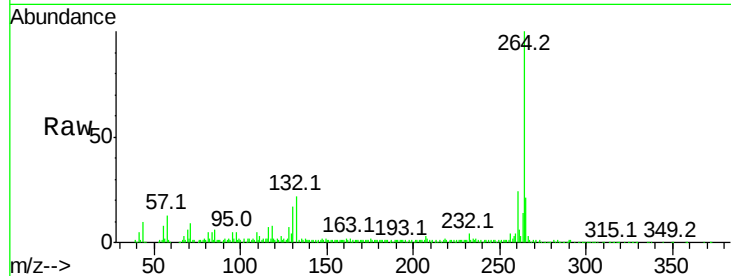
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF099201.D
Acq: 7 Oct 2017 18:28

Instrument :
BNA_F
ClientSampleId :
SU-02-100417

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.2	17.5	26.3

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

