

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
 Data File : BF099335.D
 Acq On : 11 Oct 2017 8:58
 Operator : SJ/JU
 Sample : I5748-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-100617-A

Manual Integrations
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Quant Time: Oct 11 11:07:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	84261	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	316460	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	118953	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	188549	20.00	ng	0.00
75) Chrysene-d12	14.03	240	171842	20.00	ng	0.00
86) Perylene-d12	15.50	264	117924	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	593227	112.08	ng	0.02
7) Phenol-d6	6.50	99	611394	93.63	ng	0.00
23) Nitrobenzene-d5	7.43	82	390208	79.08	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	98115	100.80	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	742912	104.26	ng	-0.01
78) Terphenyl-d14	12.97	244	613619	81.21	ng	0.00
Target Compounds						
31) Naphthalene	8.17	128	150346	10.116	ng	99
70) Phenanthrene	11.41	178	20210	2.002	ng	98
72) Carbazole	11.62	167	57856	5.721	ng	99

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

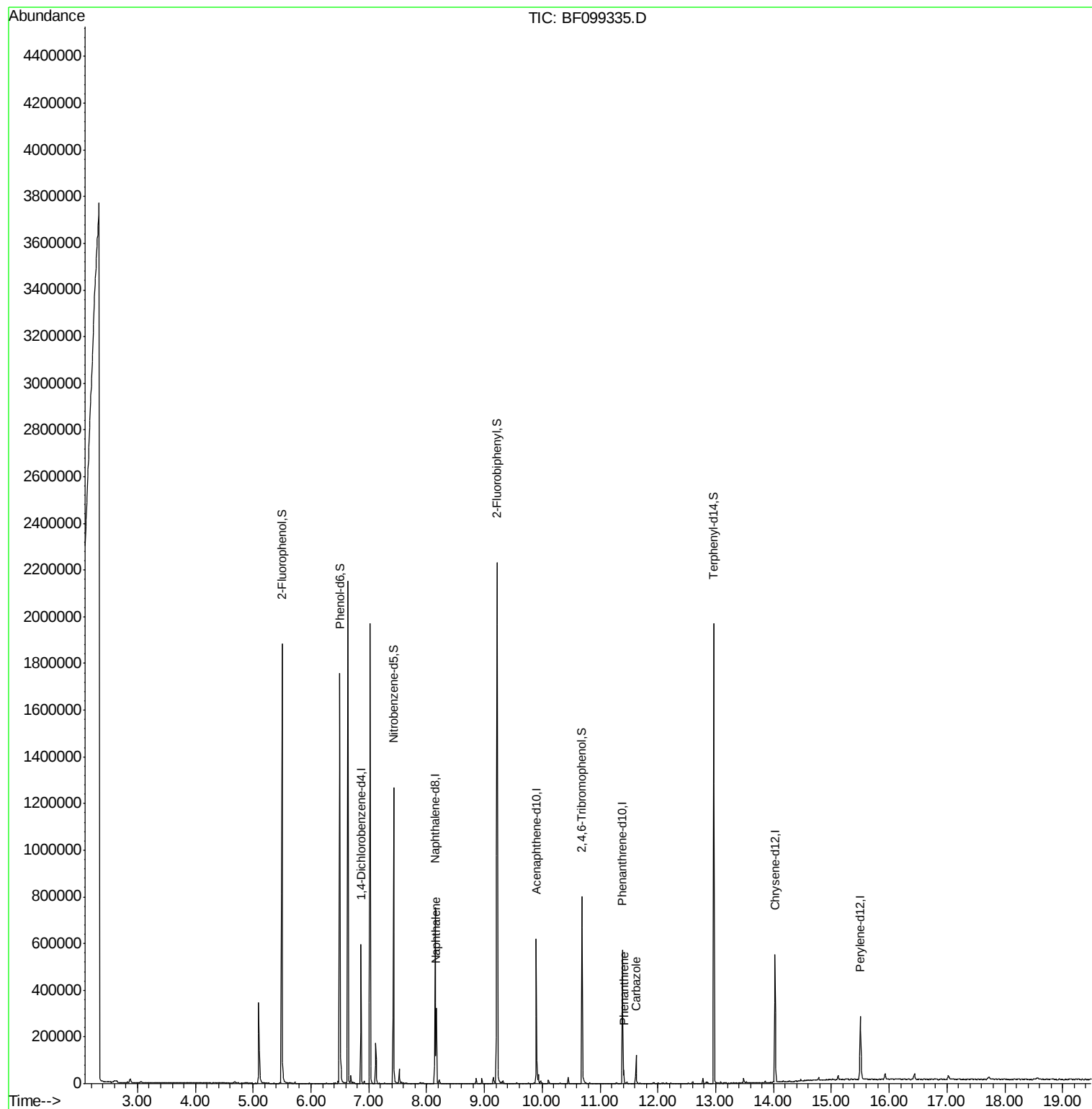
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
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#1

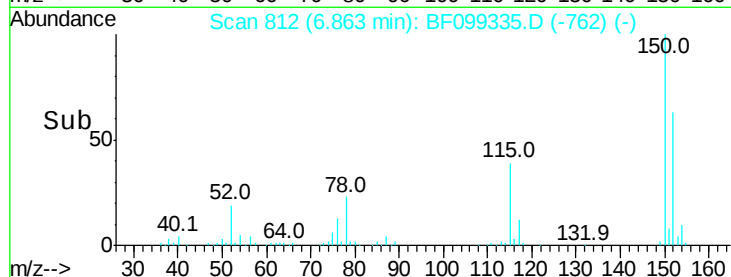
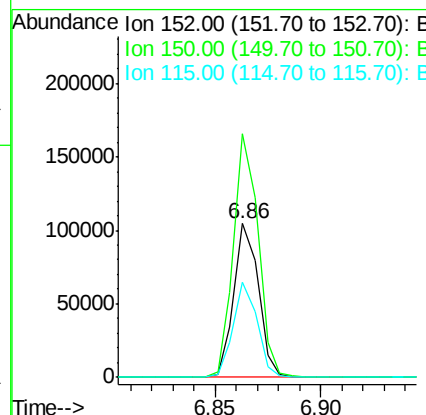
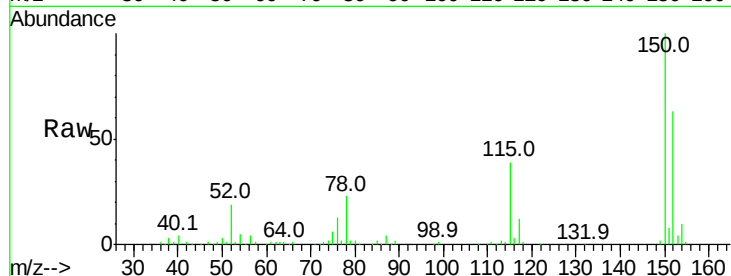
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099335.D
Acq: 11 Oct 2017 8:58

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.6	186.8
115	61.8	50.1	75.1

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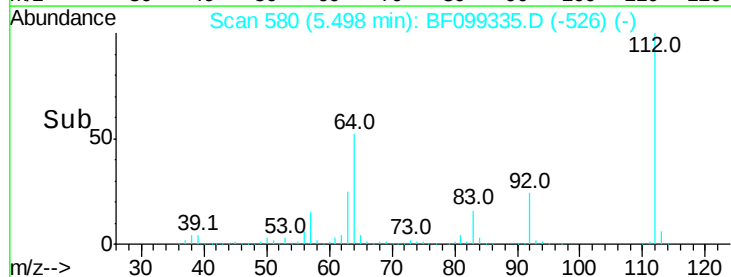
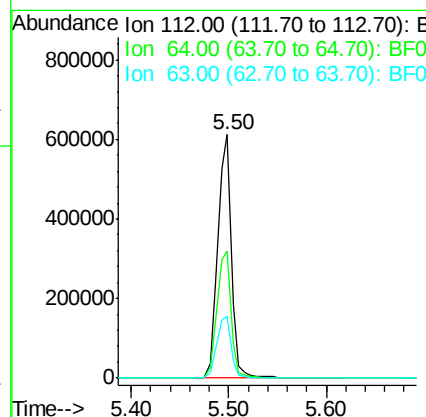
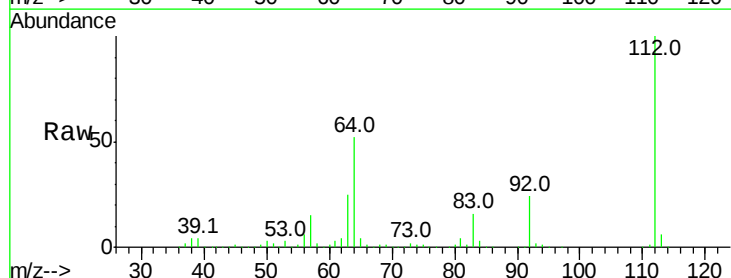
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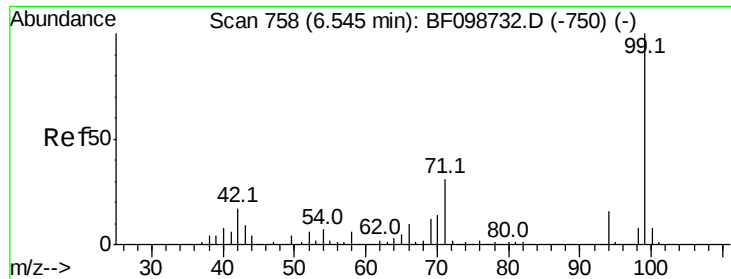


#5

2-Fluorophenol
Concen: 112.075 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.02 min
Lab File: BF099335.D
Acq: 11 Oct 2017 8:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.3	47.9	71.9
63	25.4	23.7	35.5





#7

Phenol-d6

Concen: 93.634 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099335.D

Acq: 11 Oct 2017 8:58

Instrument :

BNA_F

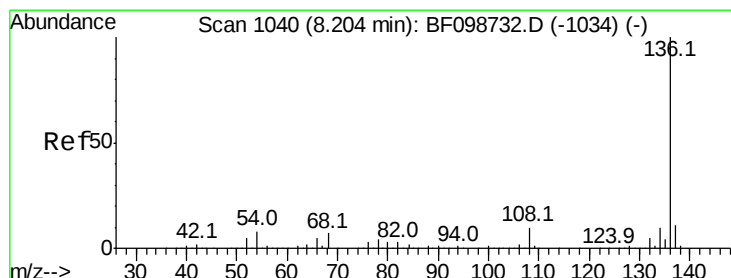
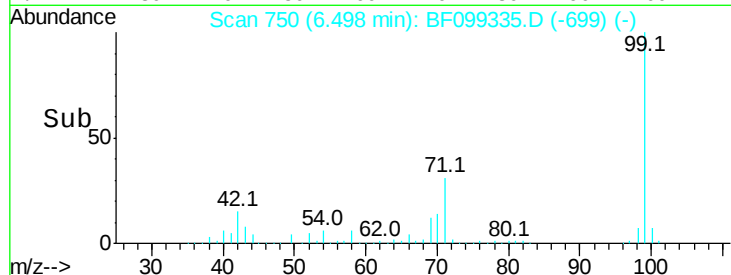
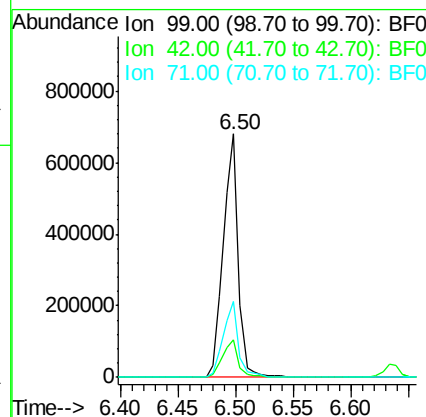
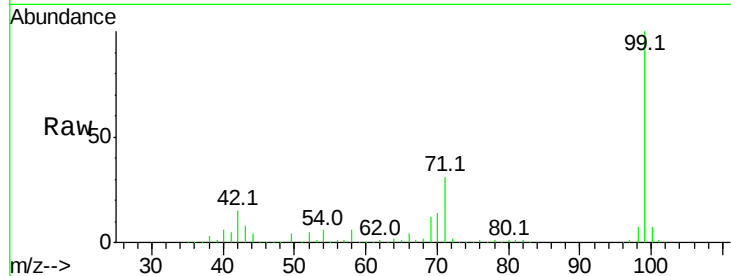
ClientSampleId :

CL-01-100617-A

Tot Ion:	99	Resp:	611394
Ion Ratio	Lower	Upper	
99	100		
42	15.2	14.5	21.7
71	31.0	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

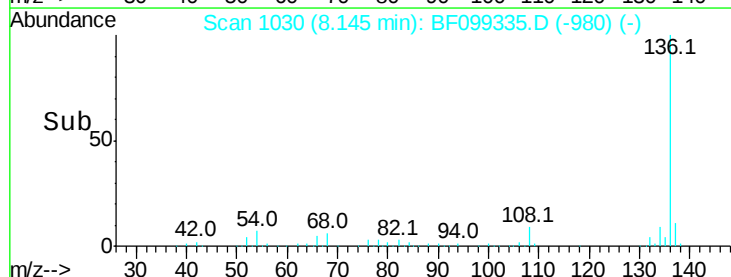
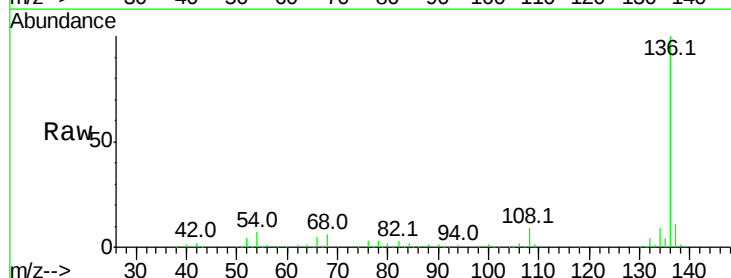
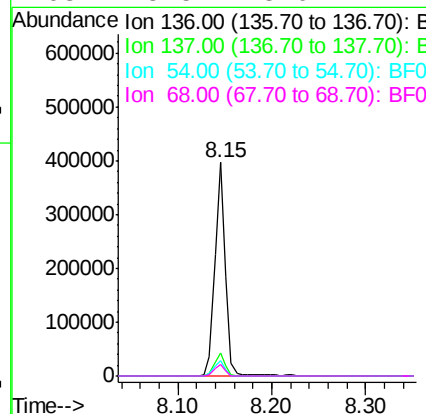
RT: 8.15 min Scan# 1030

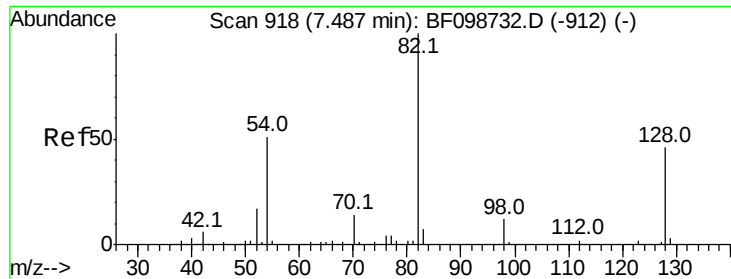
Delta R.T. -0.01 min

Lab File: BF099335.D

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Tgt Ion:	136	Resp:	316460
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	7.0	6.6	9.8
68	5.5	5.0	7.4





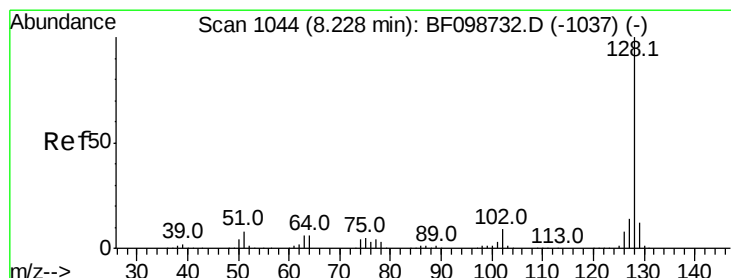
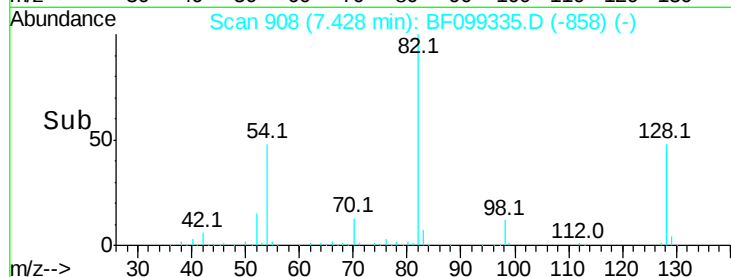
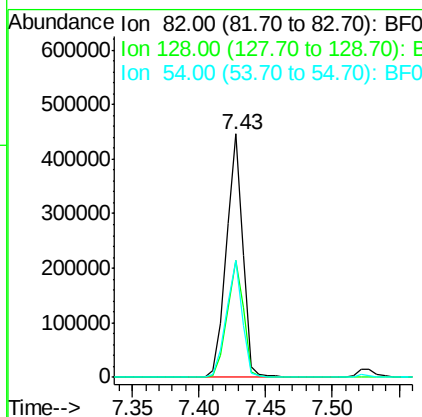
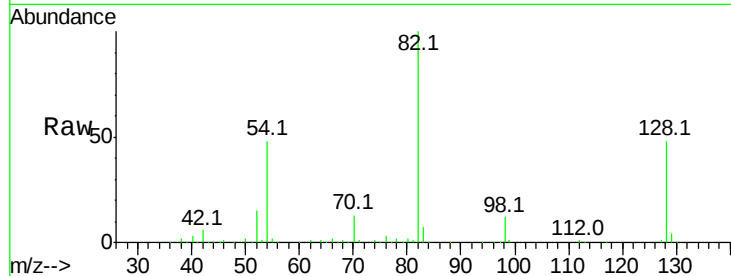
#23
Nitrobenzene-d5
Concen: 79.075 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF099335.D
Acq: 11 Oct 2017 8:58

Instrument :
BNA_F
ClientSampleId :
CL-01-100617-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.8	36.1	54.1
54	48.1	41.4	62.2

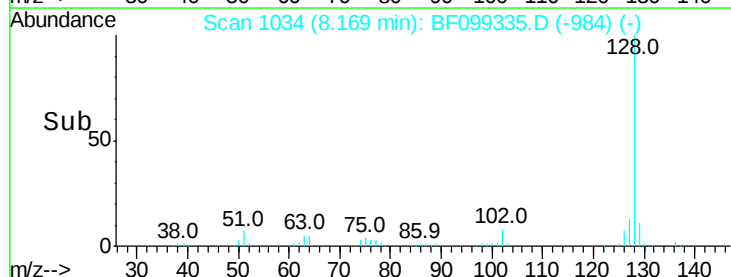
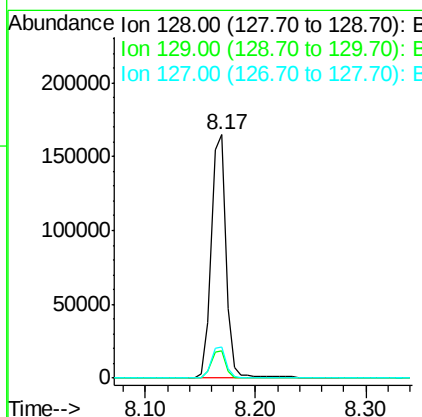
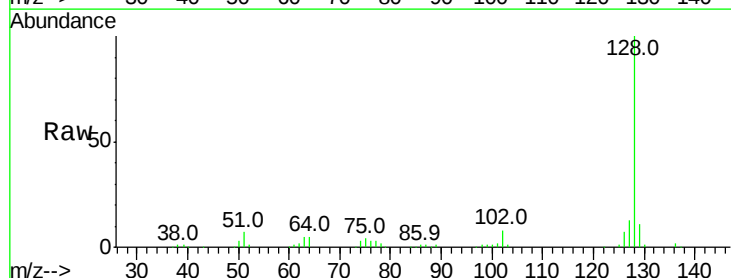
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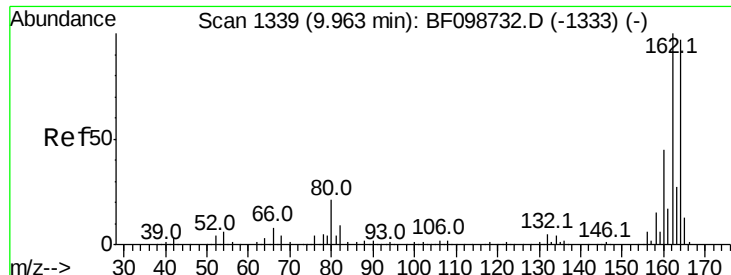
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#31
Naphthalene
Concen: 10.116 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF099335.D
Acq: 11 Oct 2017 8:58

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.0	10.9	16.3





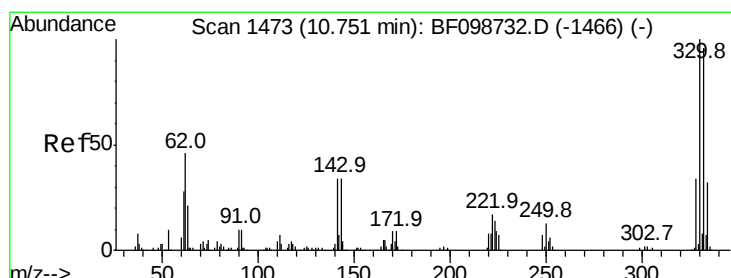
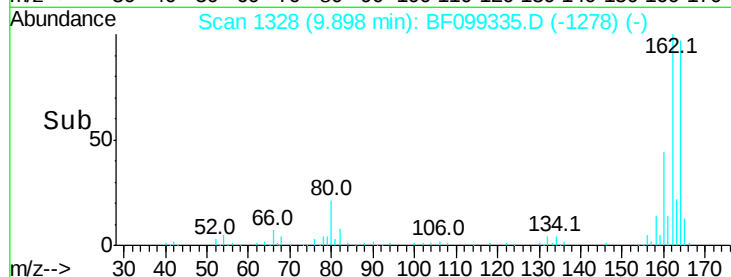
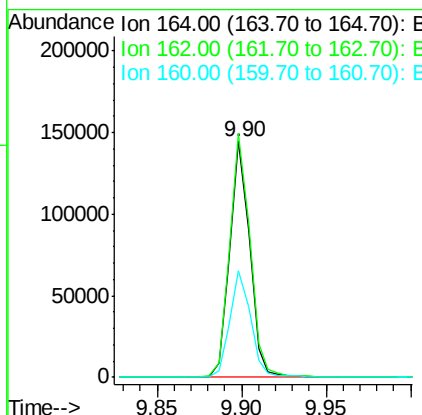
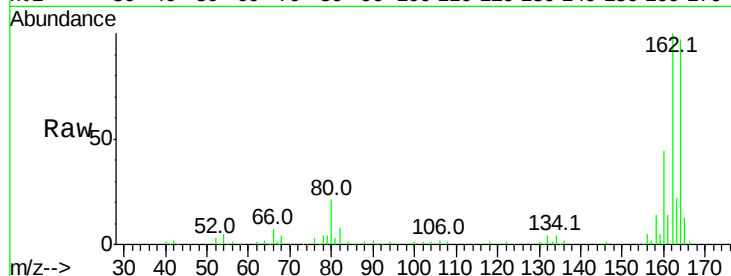
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099335.D
Acq: 11 Oct 2017 8:58

Instrument :
BNA_F
ClientSampleId :
CL-01-100617-A

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.4	86.1	129.1	
160	45.2	38.3	57.5	

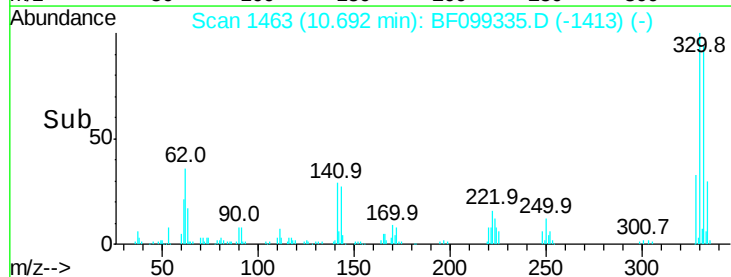
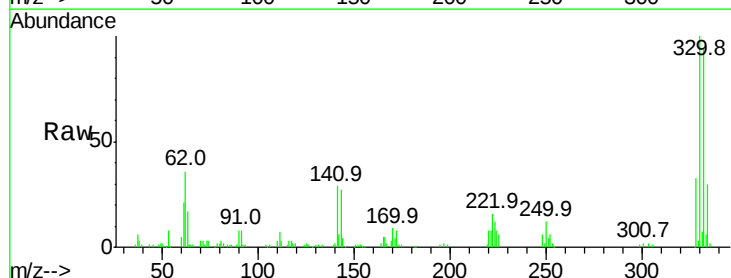
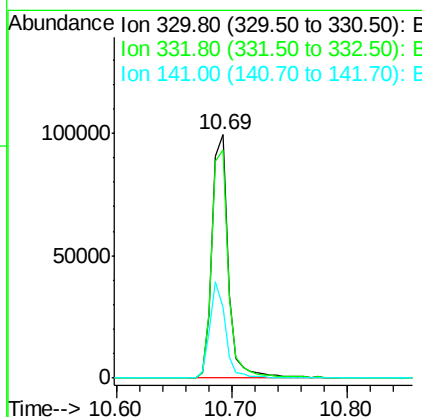
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#41
2,4,6-Tribromophenol
Concen: 100.801 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF099335.D
Acq: 11 Oct 2017 8:58

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.6	77.0	115.6	
141	38.0	29.9	44.9	





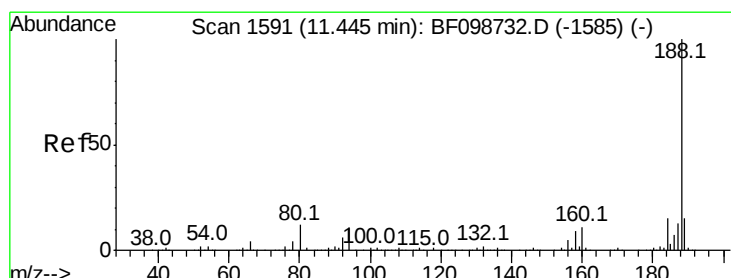
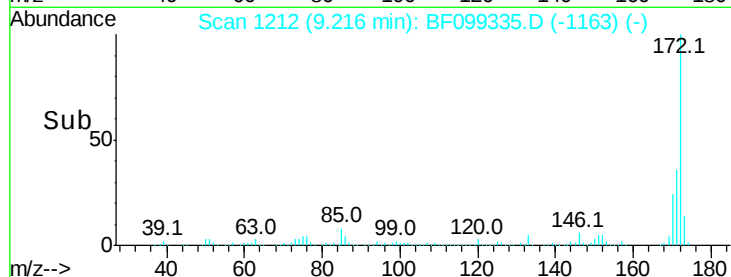
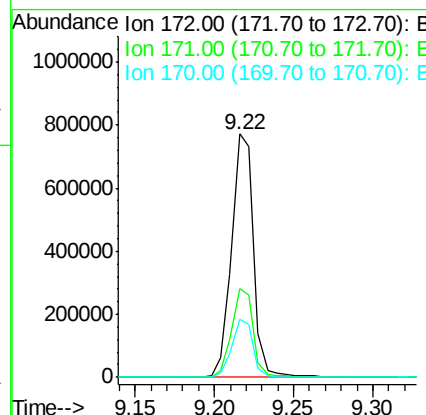
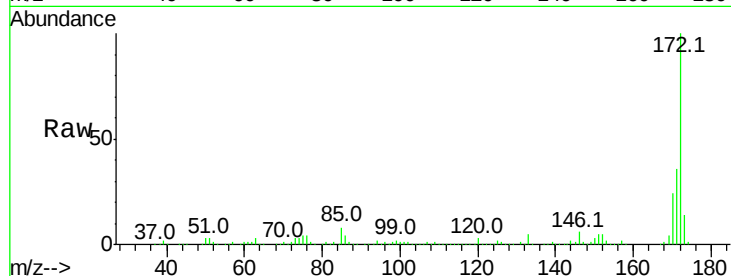
#44
 2-Fluorobiphenyl
 Concen: 104.262 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF099335.D
 Acq: 11 Oct 2017 8:58

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-100617-A

Tot Ion	Ratio	Resp	Lower	Upper
172	100	742912		
171	36.5		29.7	44.5
170	24.1		19.6	29.4

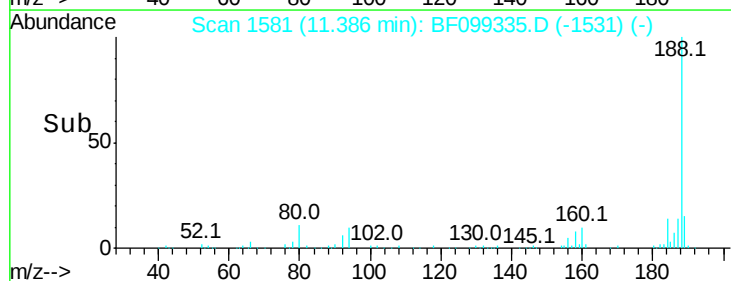
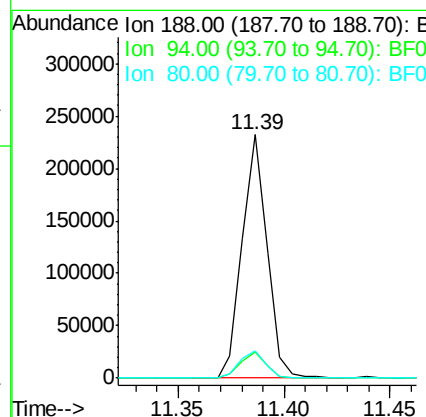
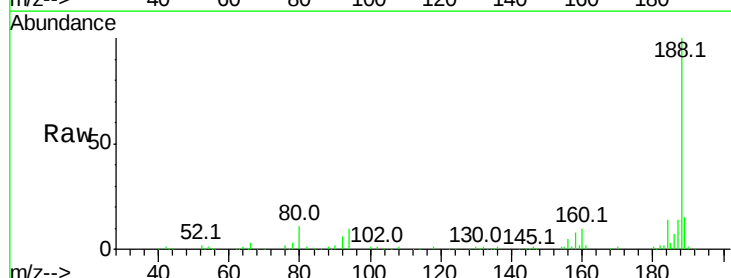
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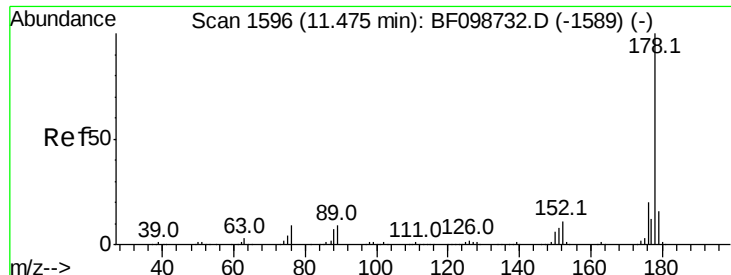
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099335.D
 Acq: 11 Oct 2017 8:58

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	188549		
94	10.4		8.5	12.7
80	11.3		9.2	13.8





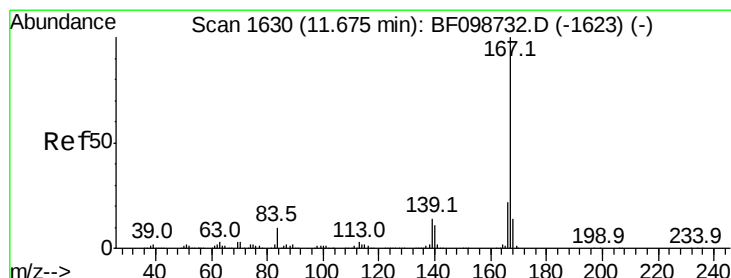
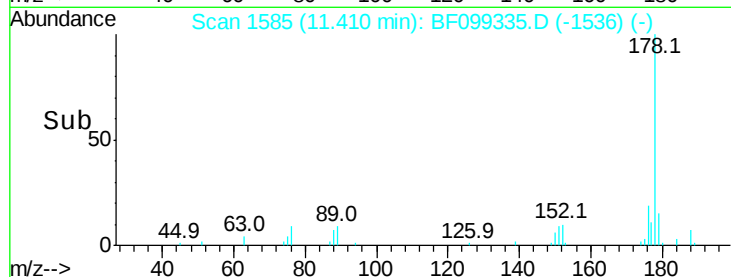
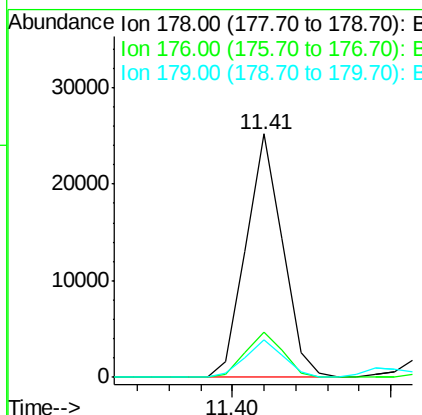
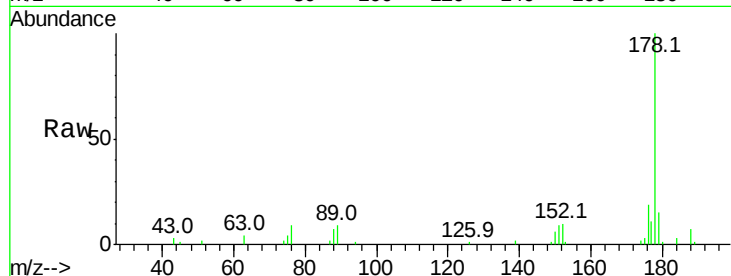
#70
Phenanthrene
Concen: 2.002 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF099335.D
Acq: 11 Oct 2017 8:58

Instrument :
BNA_F
ClientSampleId :
CL-01-100617-A

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.5	13.0	19.6

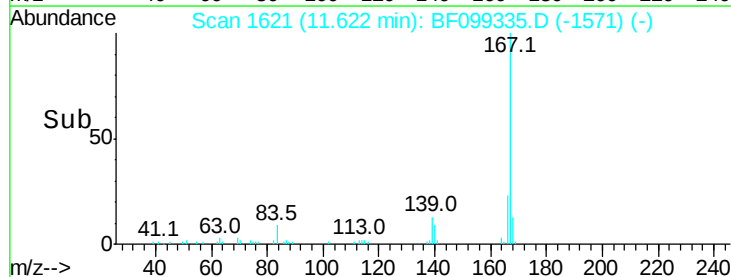
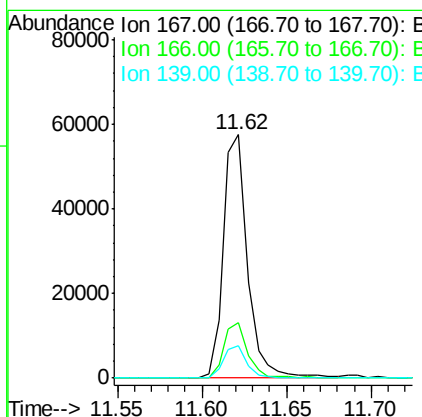
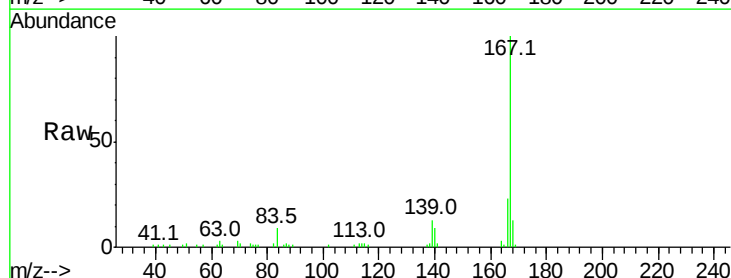
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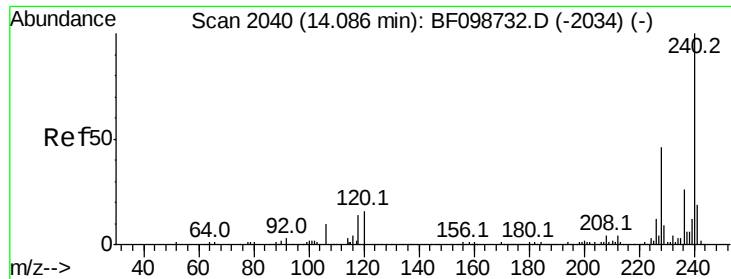
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#72
Carbazole
Concen: 5.721 ng
RT: 11.62 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BF099335.D
Acq: 11 Oct 2017 8:58

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.6	26.4
139	13.2	10.9	16.3





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF099335.D

Acq: 11 Oct 2017 8:58

Instrument :

BNA_F

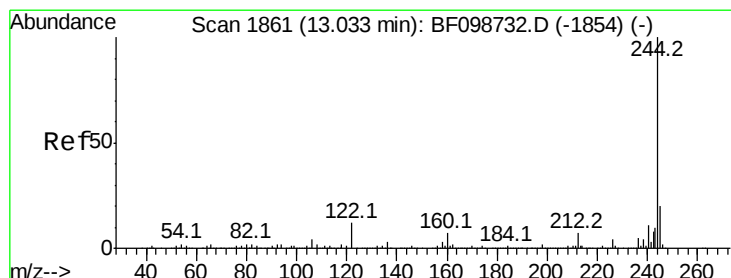
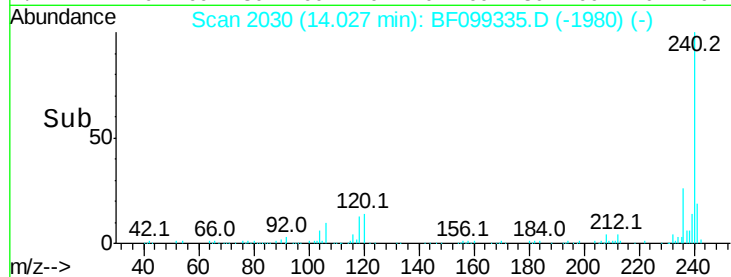
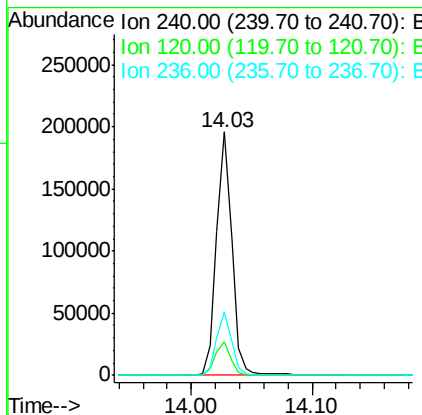
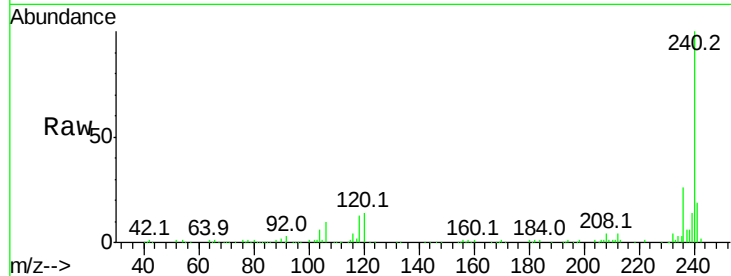
ClientSampleId :

CL-01-100617-A

Tot Ion:	240	Resp:	171842
Ion Ratio	Lower	Upper	
240	100		
120	13.9	9.5	14.3
236	25.7	20.7	31.1

Manual Integrations
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#78

Terphenyl-d14

Concen: 81.208 ng

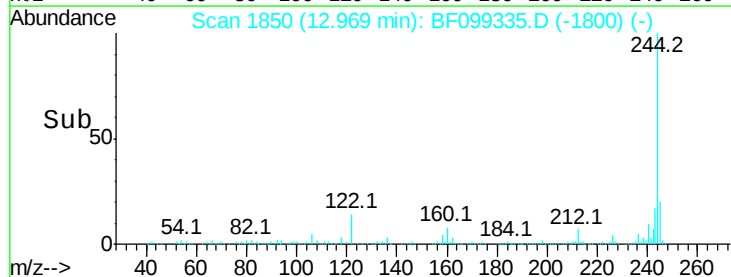
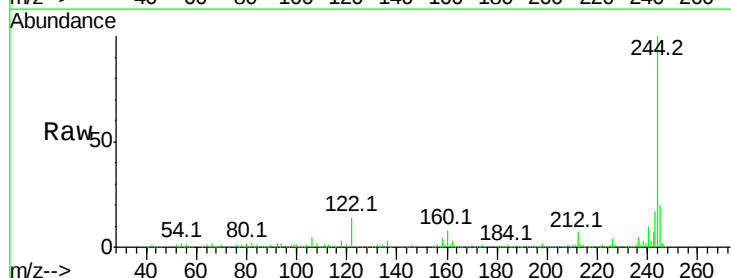
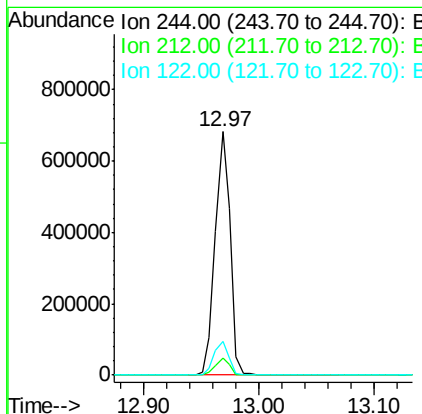
RT: 12.97 min Scan# 1850

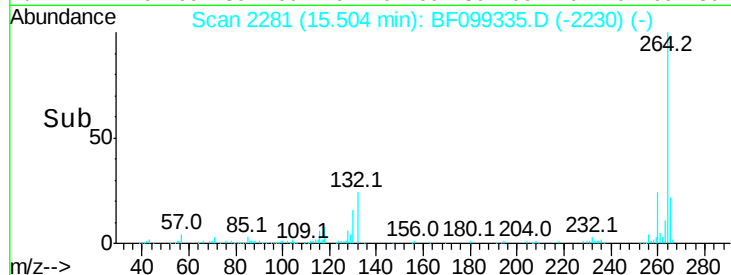
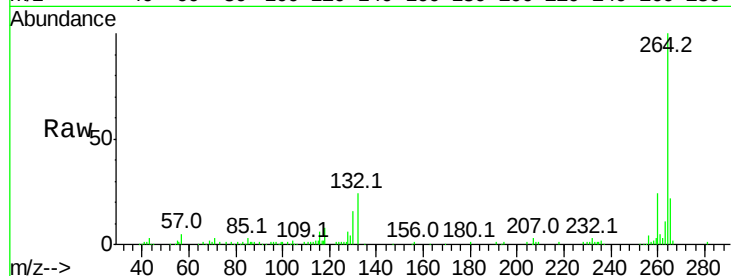
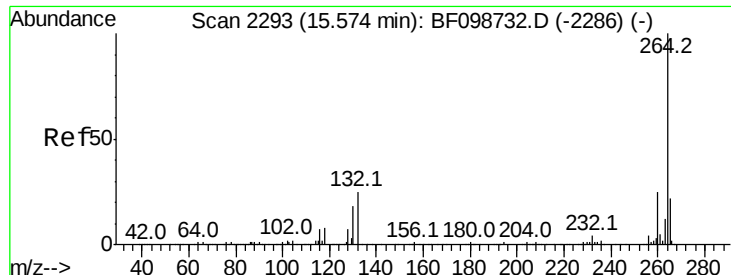
Delta R.T. -0.01 min

Lab File: BF099335.D

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Tgt Ion:	244	Resp:	613619
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.4	8.0
122	13.8	11.0	16.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. 0.00 min
 Lab File: BF099335.D
 Acq: 11 Oct 2017 8:58

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-100617-A

Tot Ion:	264	Resp:	117924
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.2	28.8
265	21.8	17.5	26.3

Manual Integrations
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