

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099343.D
 Acq On : 11 Oct 2017 13:49
 Operator : SJ/JU
 Sample : I5748-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Oct 11 16:33:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	99439	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	413804	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	190682	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	330797	20.00	ng	0.00
75) Chrysene-d12	14.01	240	192283	20.00	ng	0.00
86) Perylene-d12	15.47	264	170737	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	670595	107.35	ng	0.02
7) Phenol-d6	6.49	99	721704	93.66	ng	0.00
23) Nitrobenzene-d5	7.42	82	525375	81.42	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	195365	125.21	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1019229	89.23	ng	0.00
78) Terphenyl-d14	12.96	244	826137	97.71	ng	0.00
Target Compounds						
31) Naphthalene	8.15	128	194056	9.985	ng	98
70) Phenanthrene	11.40	178	36580	2.066	ng	98
72) Carbazole	11.60	167	95164	5.364	ng	99

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

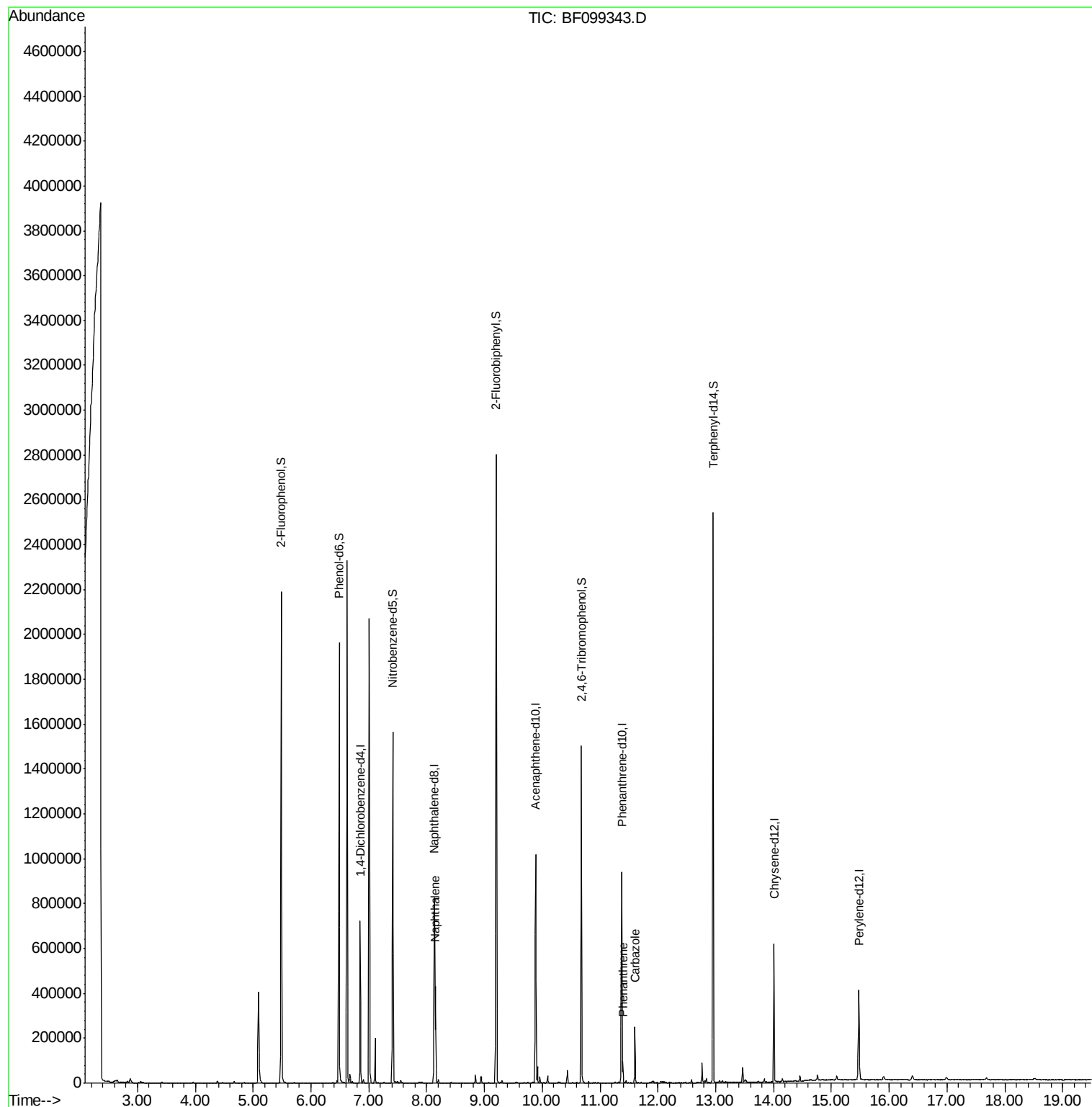
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
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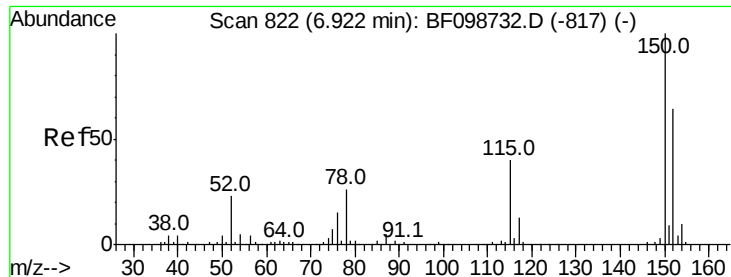
Instrument :
BNA_F
ClientSampleId :
CL-01-100617-A

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Quant Time: Oct 11 16:33:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
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Response via : Initial Calibration





#1

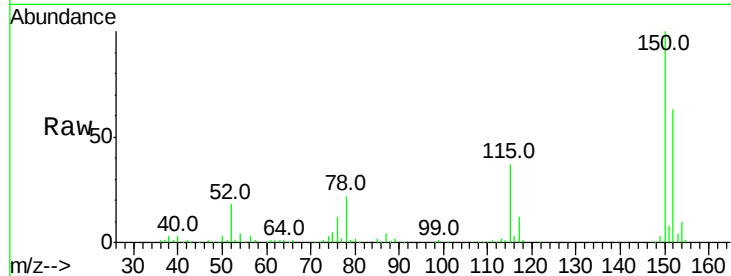
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF099343.D
Acq: 11 Oct 2017 13:49

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

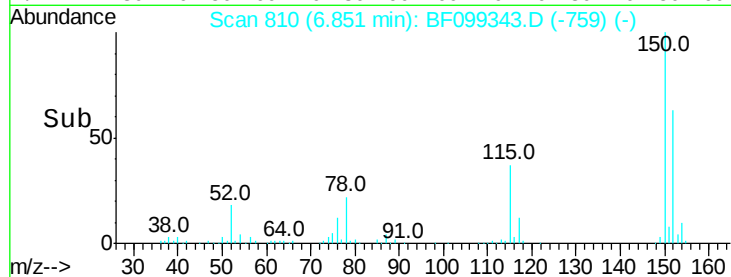
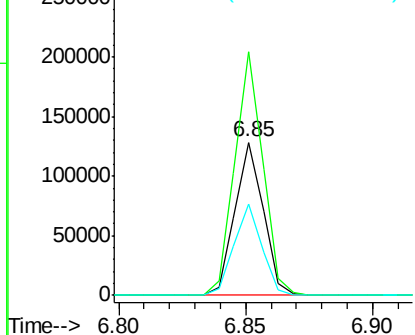
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.6	186.8
115	59.3	50.1	75.1

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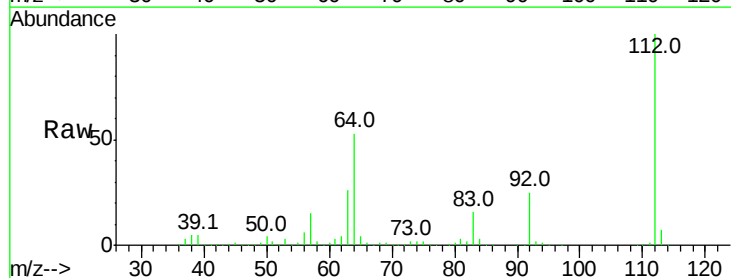
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



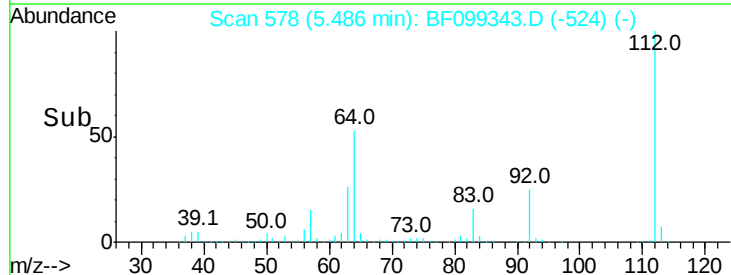
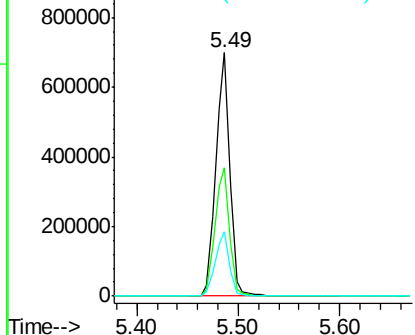
#5

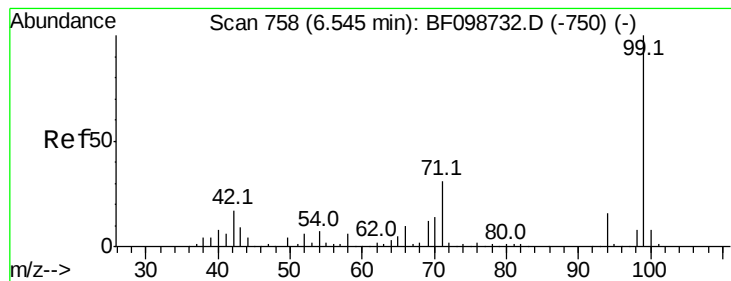
2-Fluorophenol
Concen: 107.354 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.02 min
Lab File: BF099343.D
Acq: 11 Oct 2017 13:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.0	47.9	71.9
63	26.4	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 93.657 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF099343.D

Acq: 11 Oct 2017 13:49

Instrument :

BNA_F

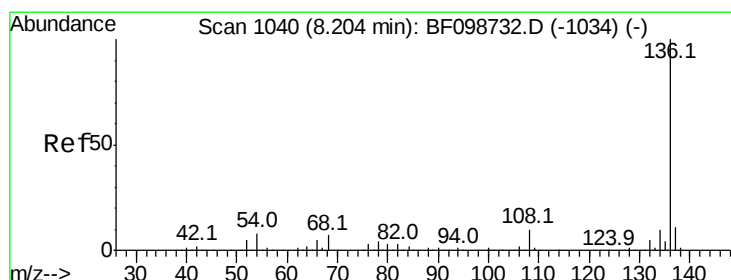
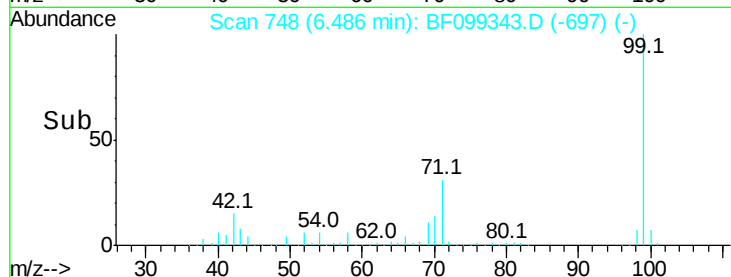
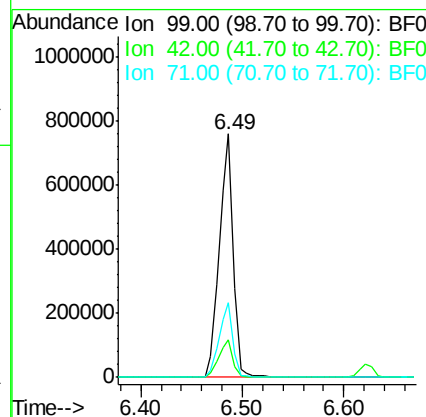
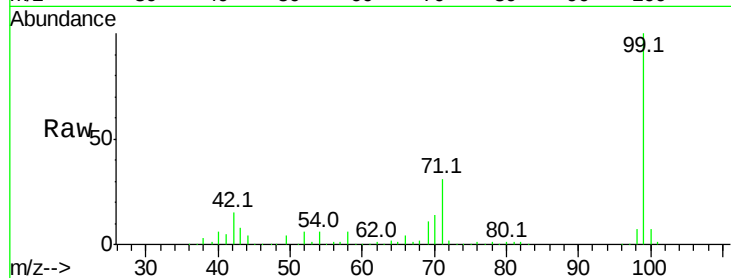
ClientSampleId :

CL-01-100617-A

Tot Ion:	99	Resp:	721704
Ion Ratio	Lower	Upper	
99	100		
42	15.4	14.5	21.7
71	30.5	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

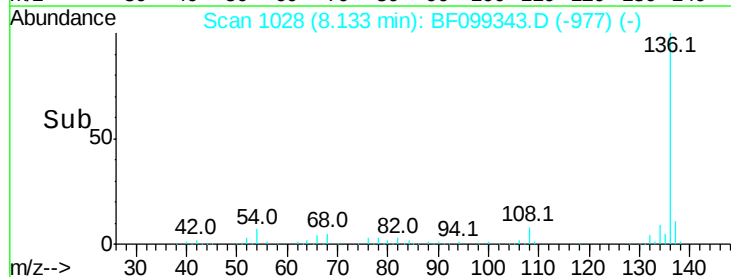
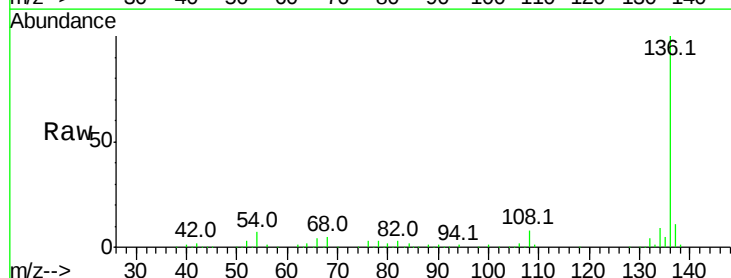
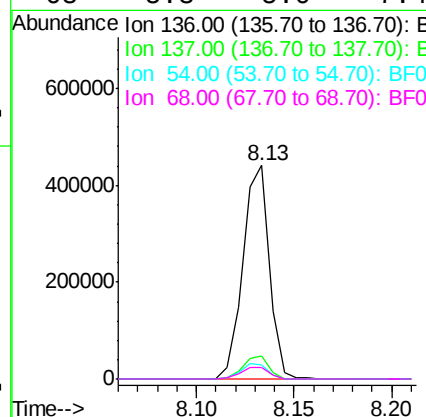
RT: 8.13 min Scan# 1028

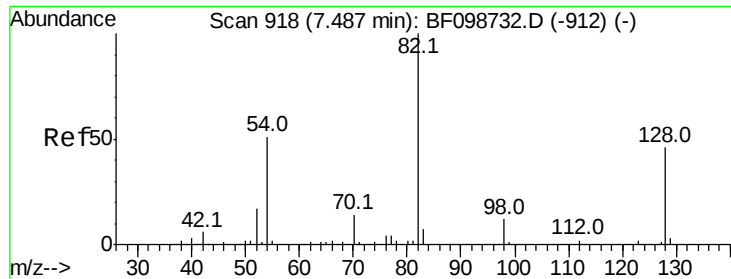
Delta R.T. -0.00 min

Lab File: BF099343.D

Acq: 11 Oct 2017 13:49

Tgt Ion:	136	Resp:	413804
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.9	13.3
54	6.7	6.6	9.8
68	5.3	5.0	7.4





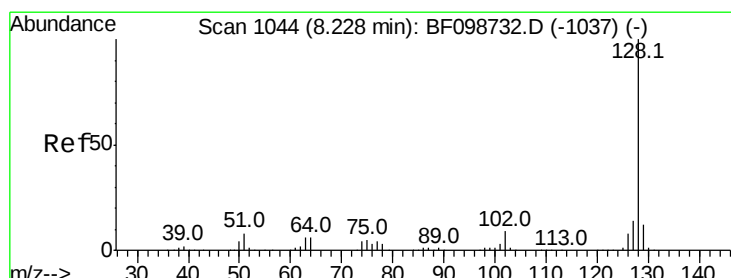
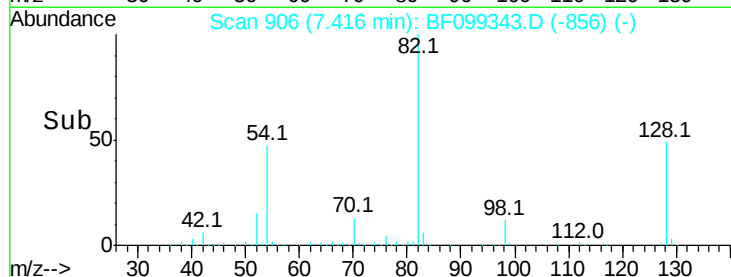
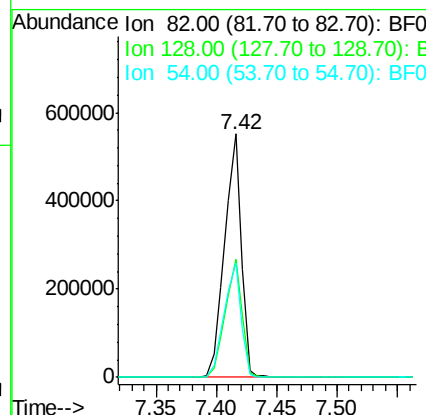
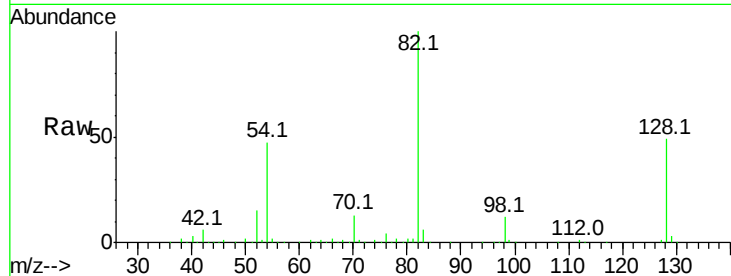
#23
 Nitrobenzene-d5
 Concen: 81.421 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF099343.D
 Acq: 11 Oct 2017 13:49

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.6	36.1	54.1
54	47.0	41.4	62.2

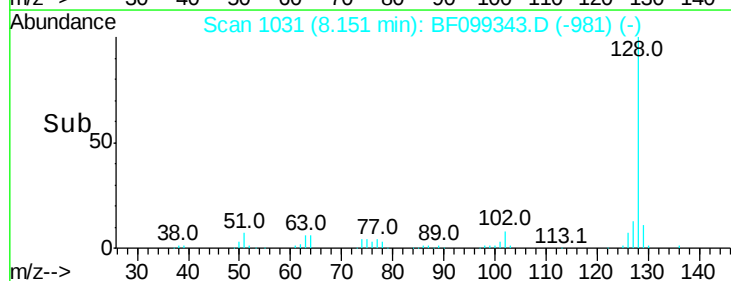
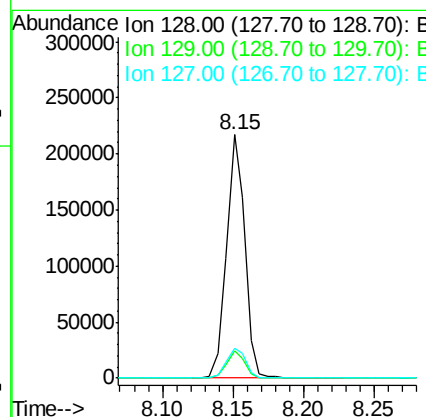
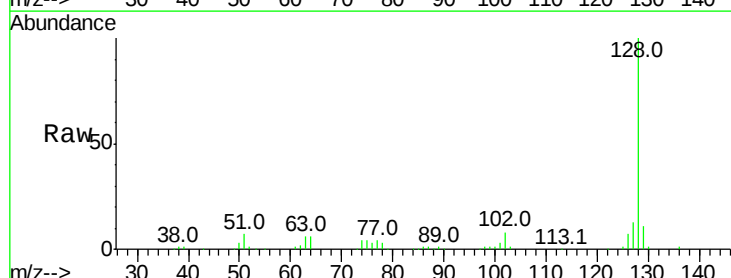
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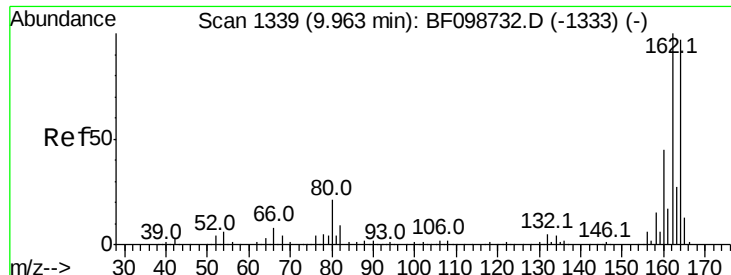
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#31
 Naphthalene
 Concen: 9.985 ng
 RT: 8.15 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF099343.D
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Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	12.5	10.9	16.3





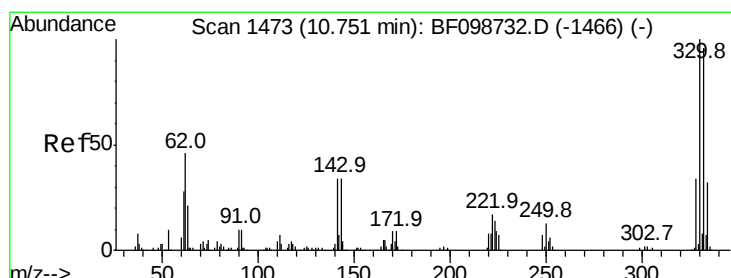
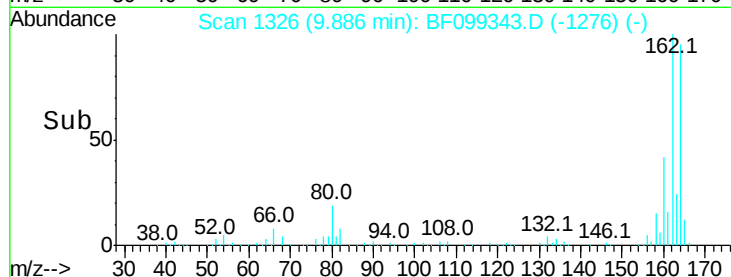
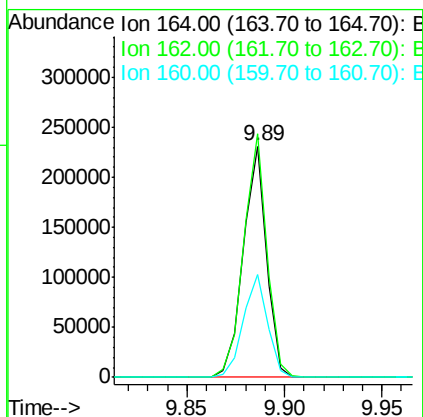
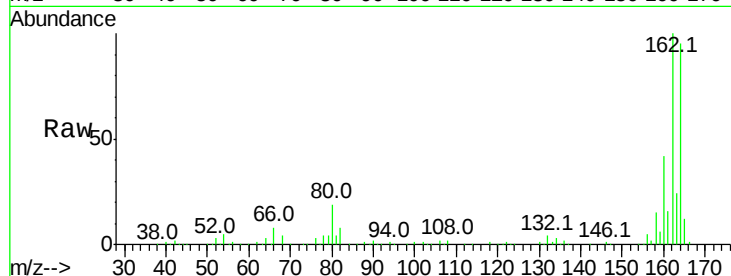
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099343.D
Acq: 11 Oct 2017 13:49

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.4	86.1	129.1
160	44.6	38.3	57.5

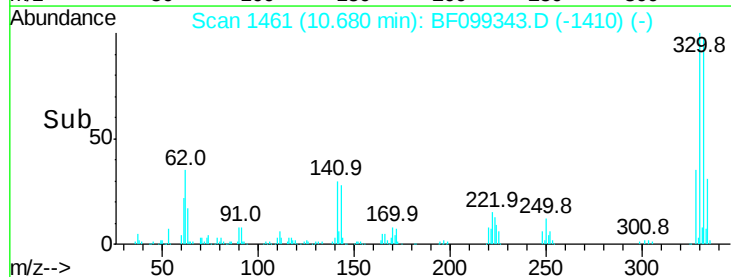
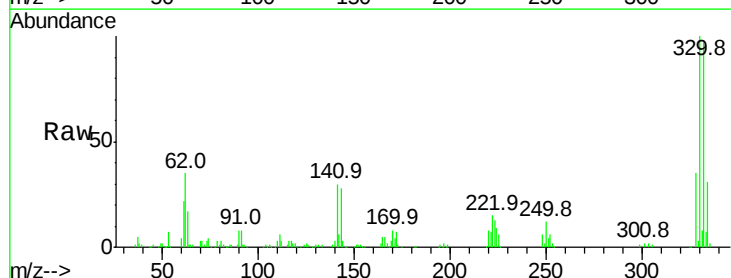
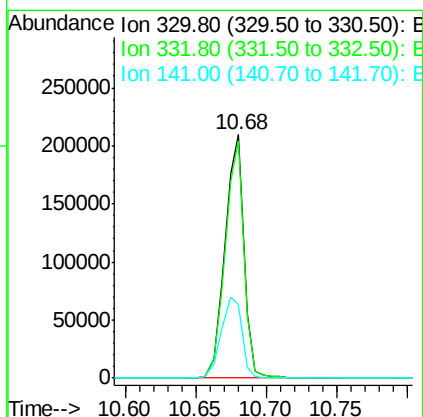
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#41
2,4,6-Tribromophenol
Concen: 125.210 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.00 min
Lab File: BF099343.D
Acq: 11 Oct 2017 13:49

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	36.6	29.9	44.9





#44
 2-Fluorobiphenyl
 Concen: 89.233 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF099343.D
 Acq: 11 Oct 2017 13:49

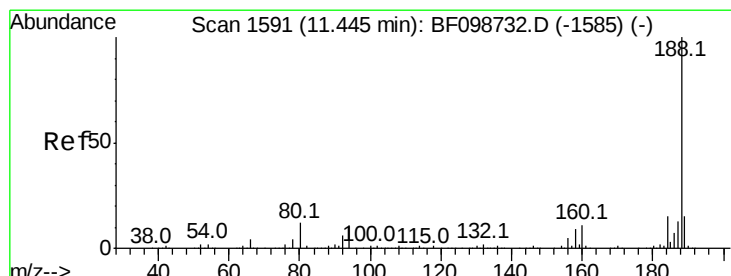
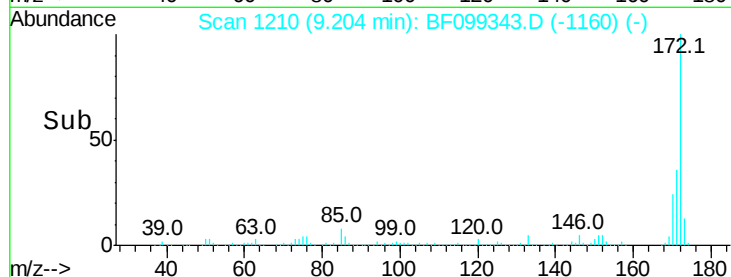
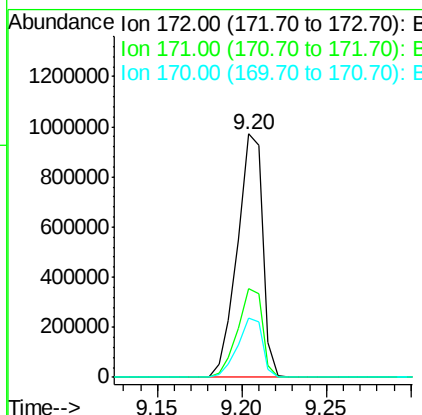
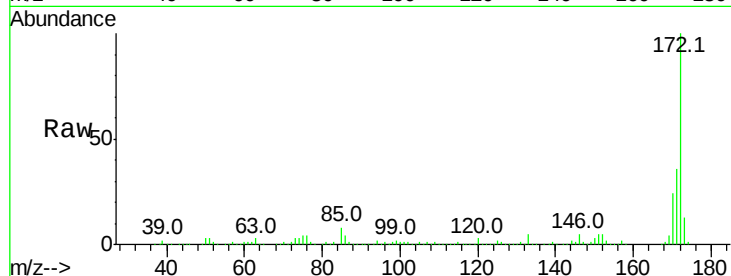
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-100617-A

Tot Ion:172 Resp: 1019229

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.2	19.6	29.4

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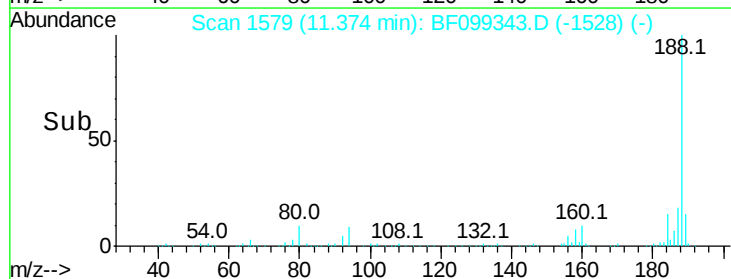
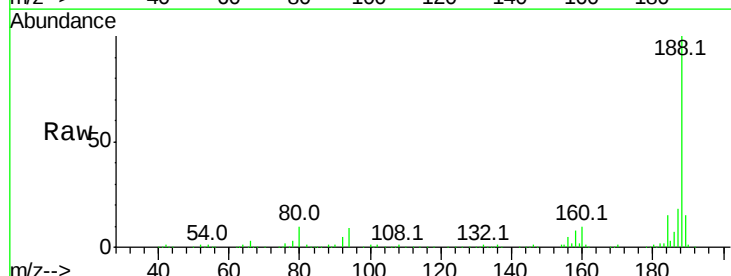
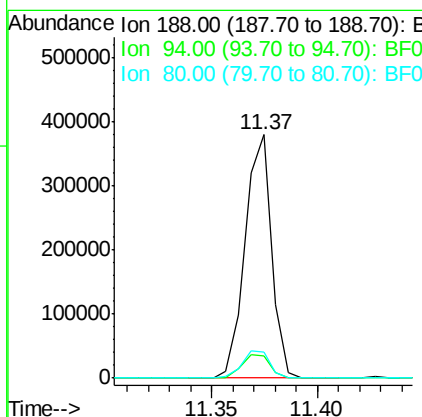
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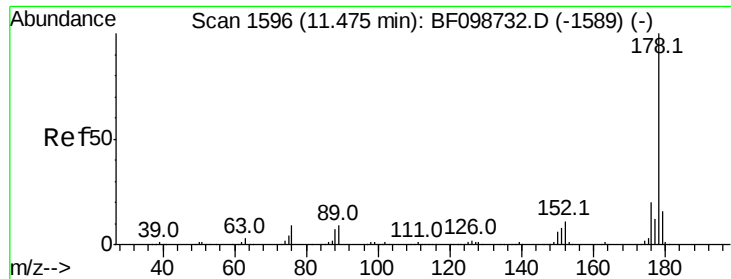


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF099343.D
 Acq: 11 Oct 2017 13:49

Tgt Ion:188 Resp: 330797

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.5	9.2	13.8





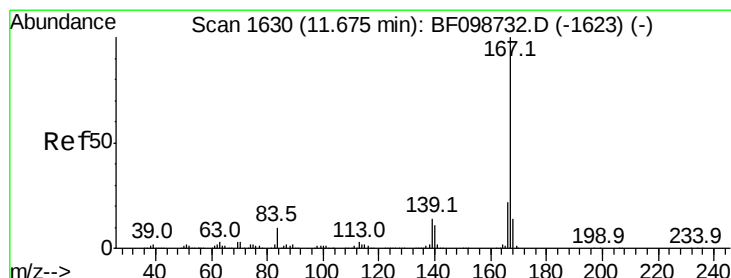
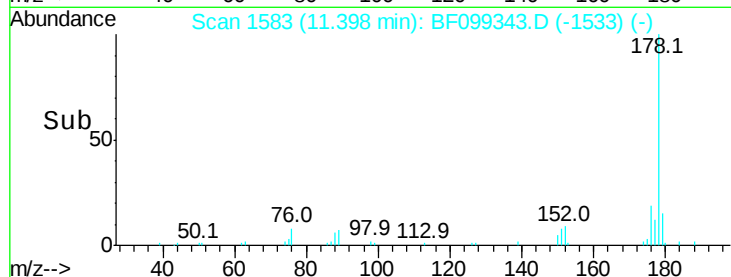
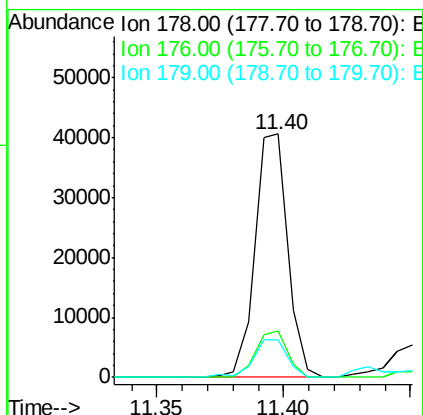
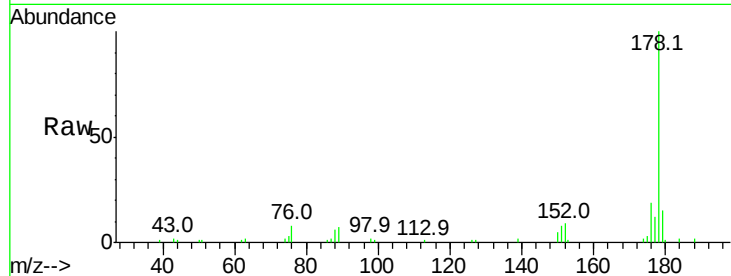
#70
Phenanthrene
Concen: 2.066 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF099343.D
Acq: 11 Oct 2017 13:49

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.2	13.0	19.6

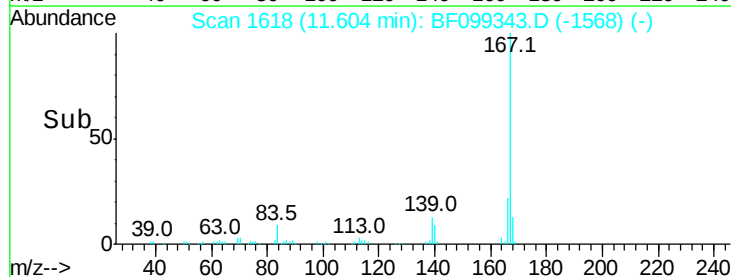
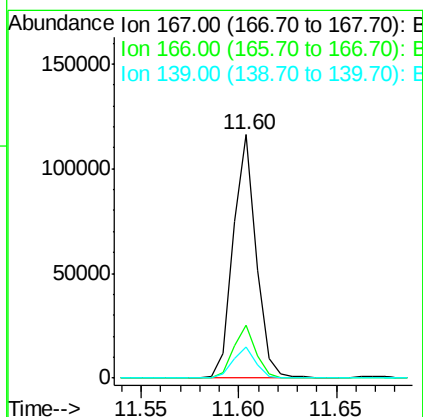
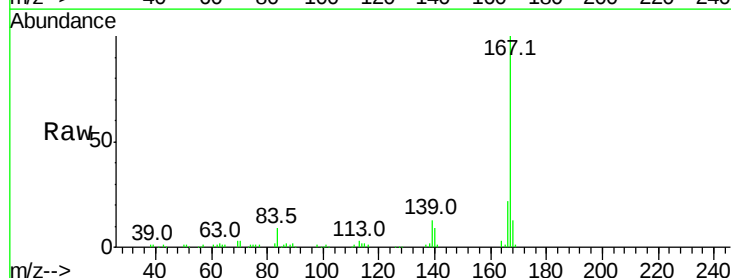
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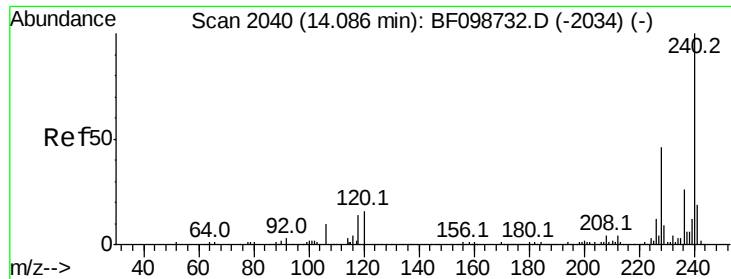
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#72
Carbazole
Concen: 5.364 ng
RT: 11.60 min Scan# 1618
Delta R.T. -0.01 min
Lab File: BF099343.D
Acq: 11 Oct 2017 13:49

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	12.6	10.9	16.3





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF099343.D

Acq: 11 Oct 2017 13:49

Instrument :

BNA_F

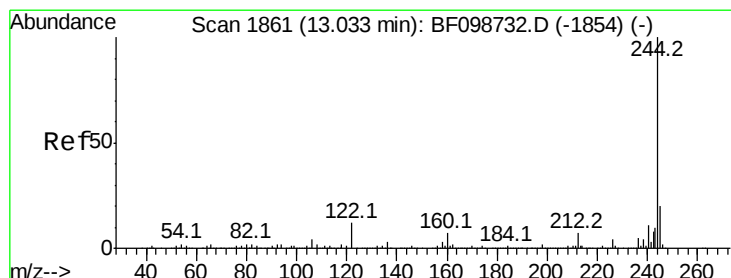
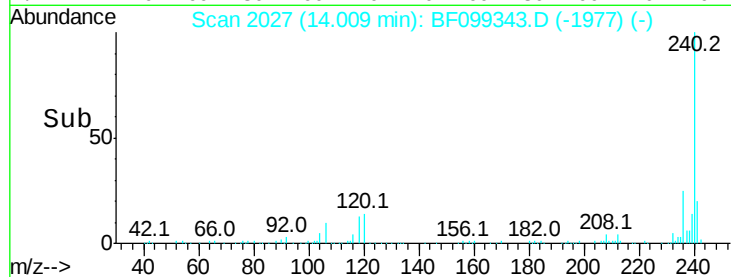
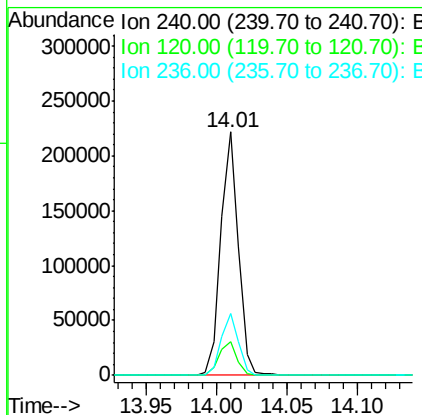
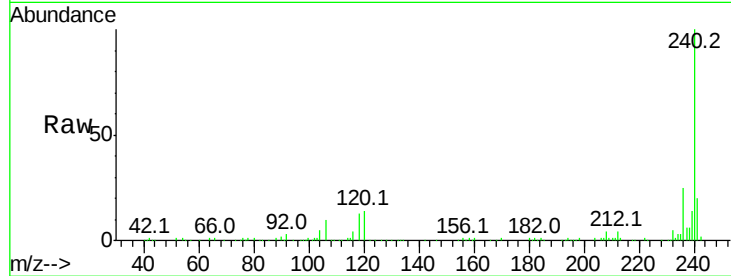
ClientSampleId :

CL-01-100617-A

Tot Ion:	240	Resp:	192283
Ion Ratio	Lower	Upper	
240	100		
120	13.9	9.5	14.3
236	25.3	20.7	31.1

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#78

Terphenyl-d14

Concen: 97.710 ng

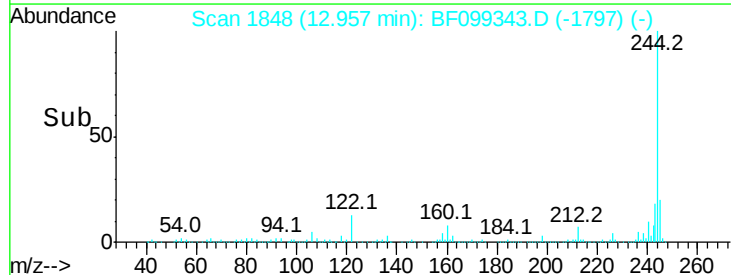
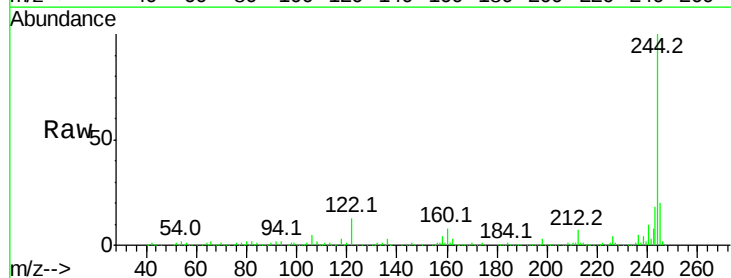
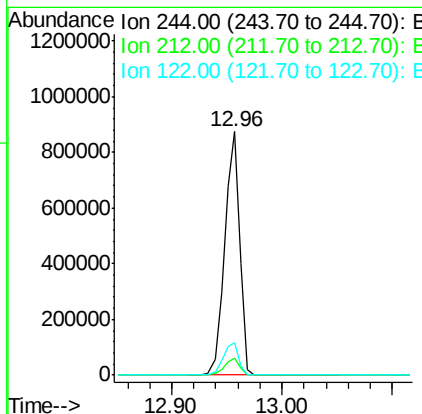
RT: 12.96 min Scan# 1848

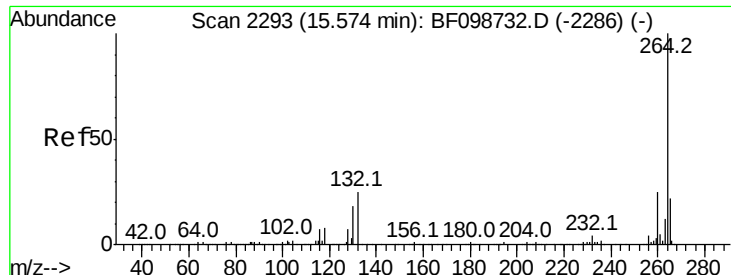
Delta R.T. -0.00 min

Lab File: BF099343.D

Acq: 11 Oct 2017 13:49

Tgt Ion:	244	Resp:	826137
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.4	8.0
122	13.1	11.0	16.4





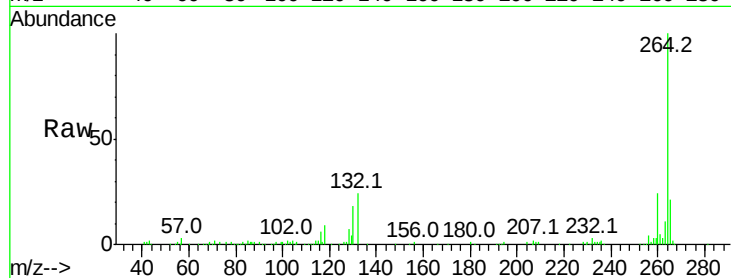
#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. -0.01 min
 Lab File: BF099343.D
 Acq: 11 Oct 2017 13:49

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

Tot Ion:	264	Resp:	170737
Ion Ratio		Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.0	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

