

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
 Data File : BF099883.D
 Acq On : 27 Oct 2017 17:55
 Operator : SJ/JU
 Sample : I6113-01 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 27 18:52:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

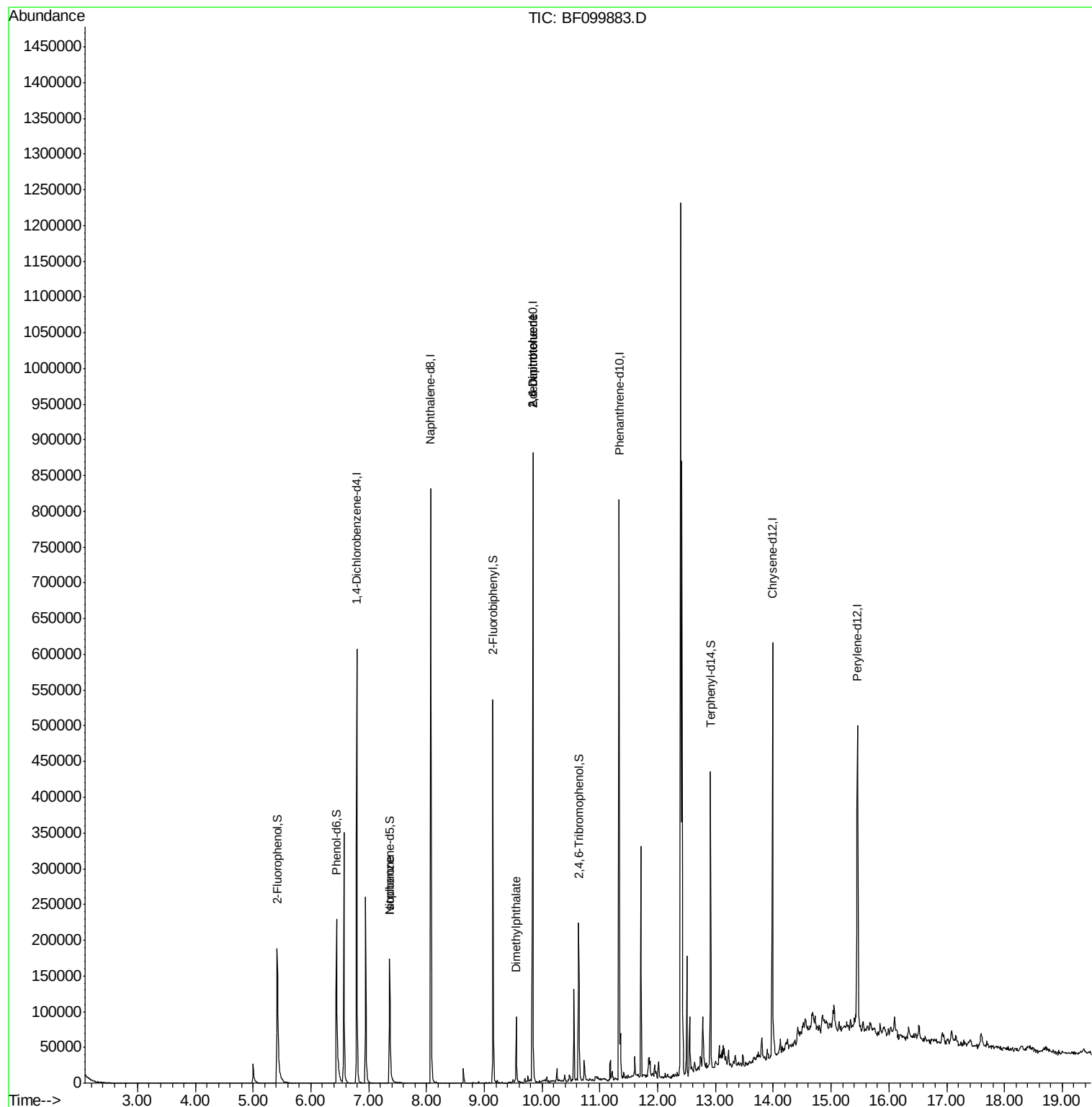
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	97246	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	390907	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	179156	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	302246	20.00	ng	0.00
75) Chrysene-d12	13.99	240	186002	20.00	ng	0.00
86) Perylene-d12	15.46	264	189026	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	98882	15.96	ng	0.00
7) Phenol-d6	6.44	99	126781	17.26	ng	0.00
23) Nitrobenzene-d5	7.36	82	68996	11.36	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	26422	16.18	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	163723	14.10	ng	0.00
78) Terphenyl-d14	12.92	244	122863	14.44	ng	0.00
Target Compounds						
25) Isophorone	7.36	82	68996	6.262	ng	# 64
49) Dimethylphthalate	9.55	163	41267	2.909	ng	# 98
50) 2,6-Dinitrotoluene	9.84	165	22816	7.650	ng	# 24
56) 2,4-Dinitrotoluene	9.84	165	22816	6.352	ng	# 21

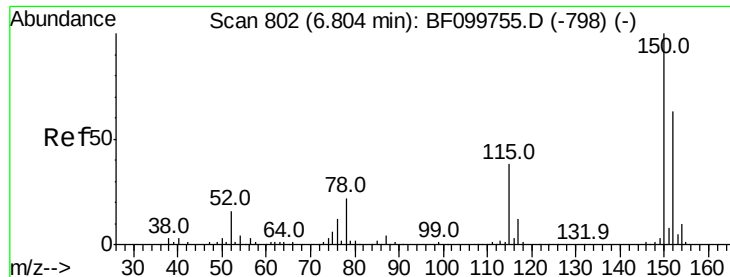
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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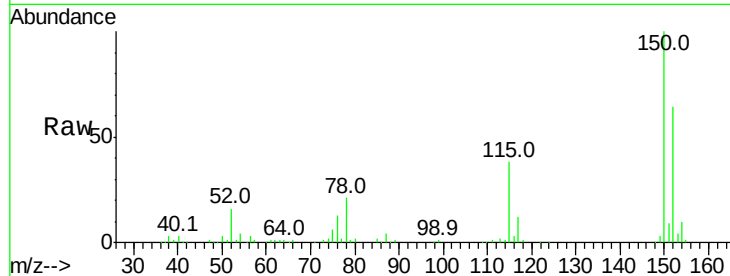


#1

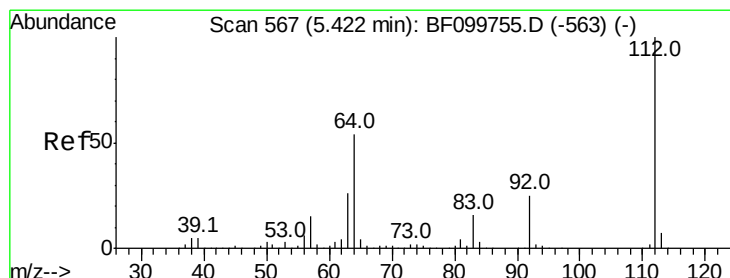
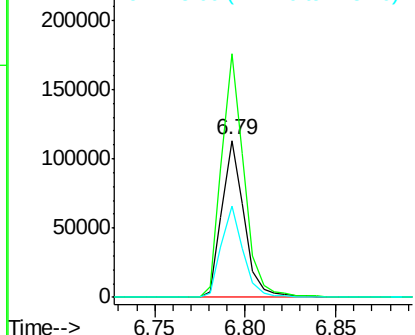
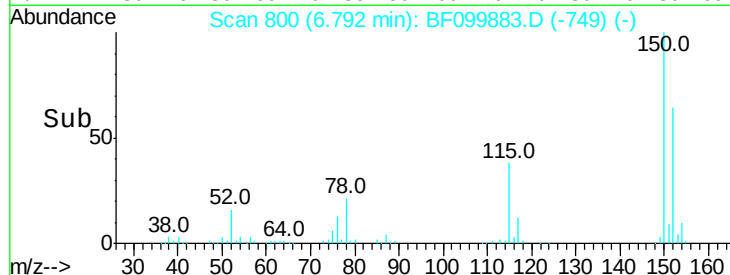
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF099883.D
Acq: 27 Oct 2017 17:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 97246
Ion Ratio Lower Upper
152 100
150 155.3 124.6 186.8
115 58.3 50.1 75.1



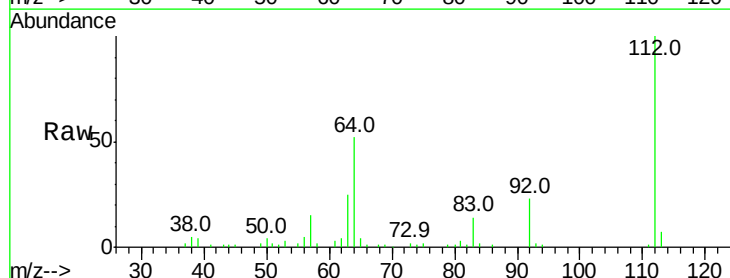
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



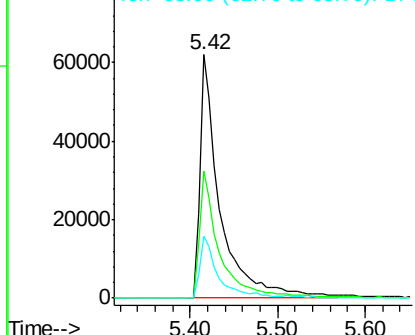
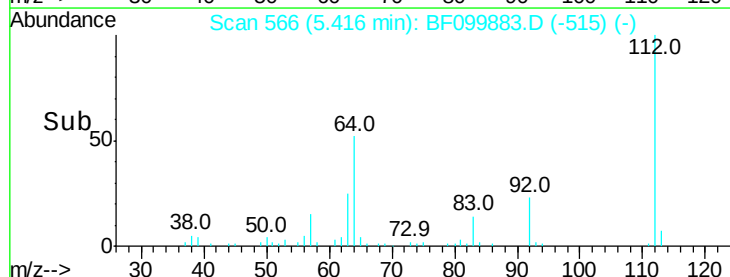
#5

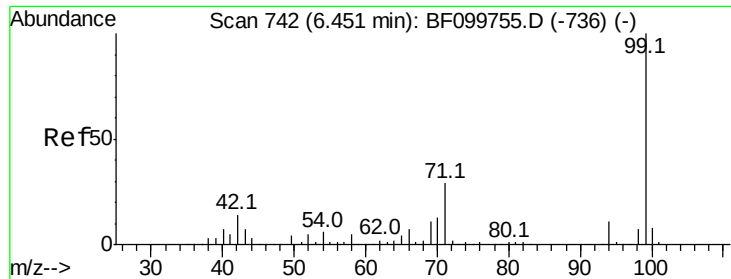
2-Fluorophenol
Concen: 15.964 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF099883.D
Acq: 27 Oct 2017 17:55

Tgt Ion:112 Resp: 98882
Ion Ratio Lower Upper
112 100
64 52.1 47.9 71.9
63 25.2 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: 17.262 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF099883.D

Acq: 27 Oct 2017 17:55

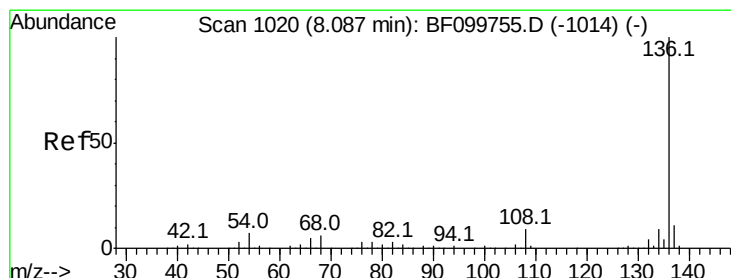
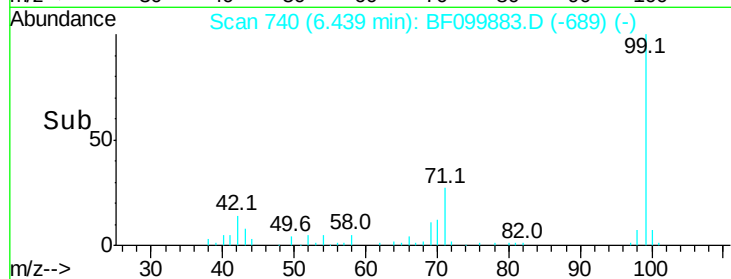
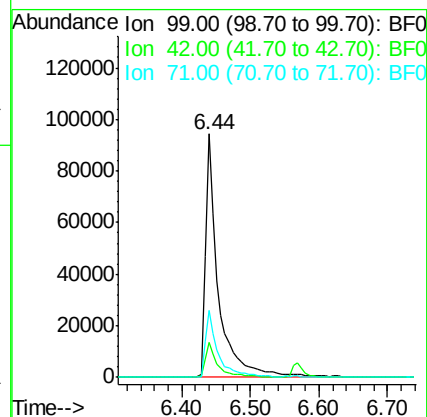
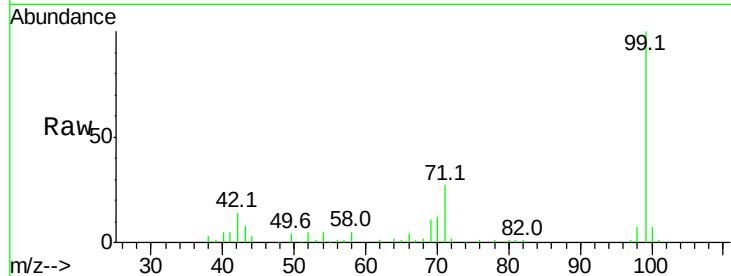
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 126781

Ion	Ratio	Lower	Upper
99	100		
42	14.4	14.5	21.7#
71	27.4	25.4	38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

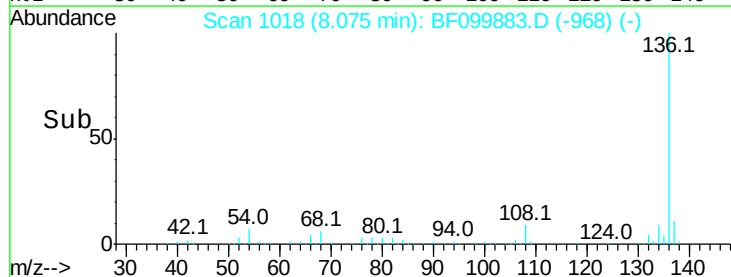
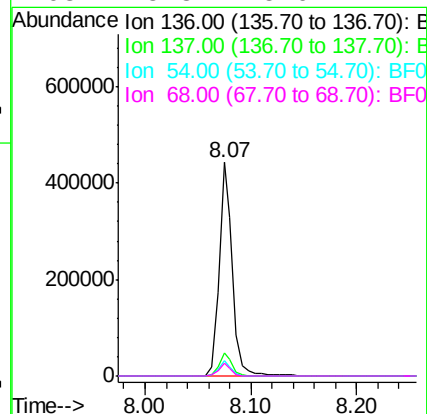
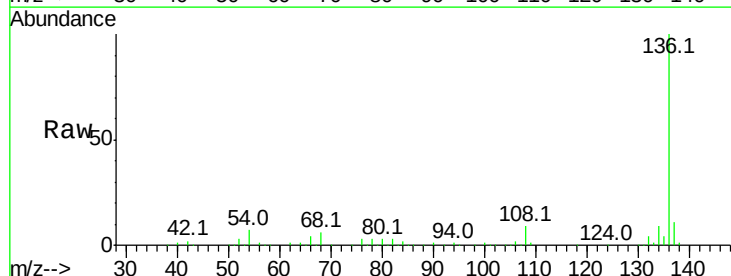
Delta R.T. -0.01 min

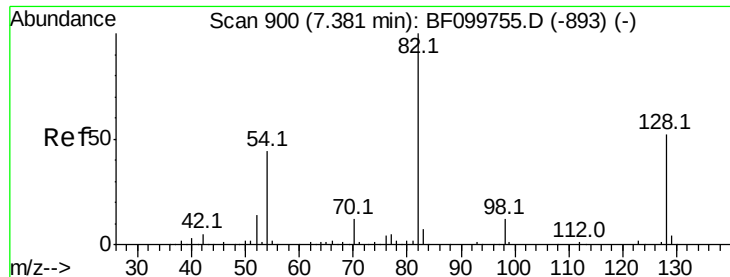
Lab File: BF099883.D

Acq: 27 Oct 2017 17:55

Tgt Ion: 136 Resp: 390907

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.0	6.6	9.8
68	5.8	5.0	7.4





#23

Nitrobenzene-d5

Concen: 11.363 ng

RT: 7.36 min Scan# 897

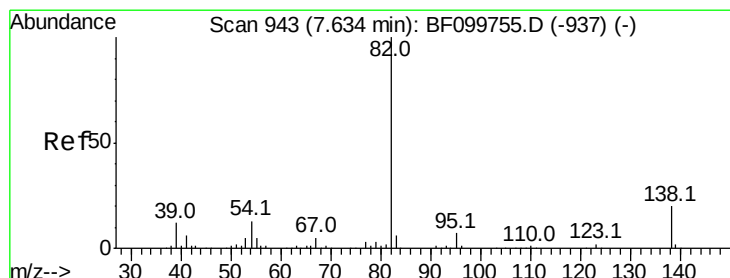
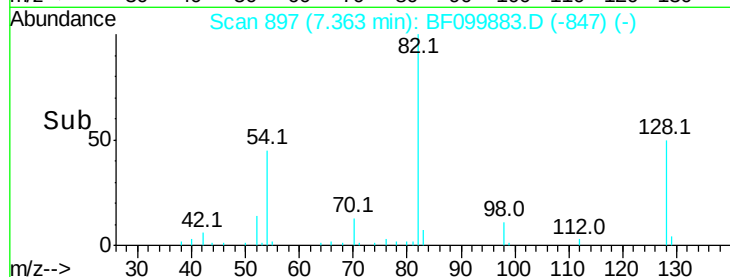
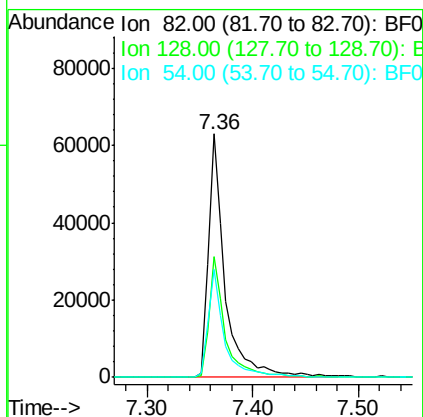
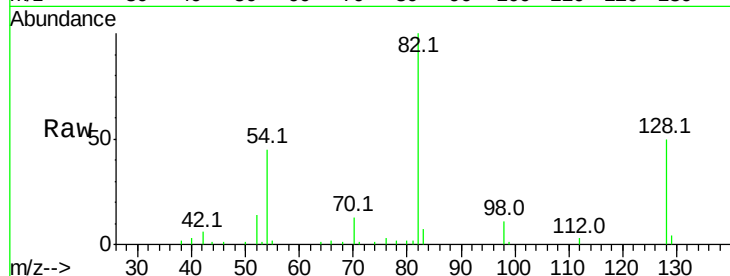
Delta R.T. -0.01 min

Lab File: BF099883.D

Acq: 27 Oct 2017 17:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:	82	Resp:	68996
Ion	Ratio	Lower	Upper
82	100		
128	49.8	36.1	54.1
54	44.5	41.4	62.2



#25

Isophorone

Concen: 6.262 ng

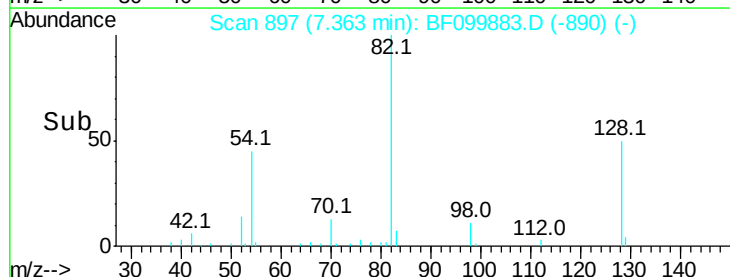
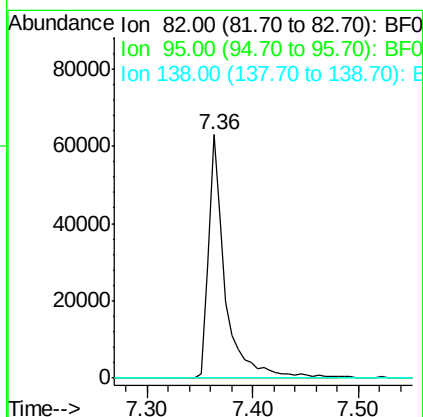
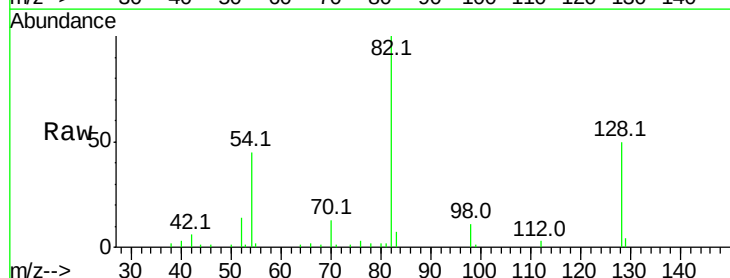
RT: 7.36 min Scan# 897

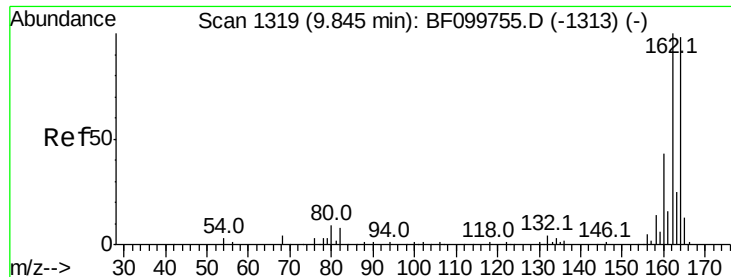
Delta R.T. -0.26 min

Lab File: BF099883.D

Acq: 27 Oct 2017 17:55

Tgt Ion:	82	Resp:	68996
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

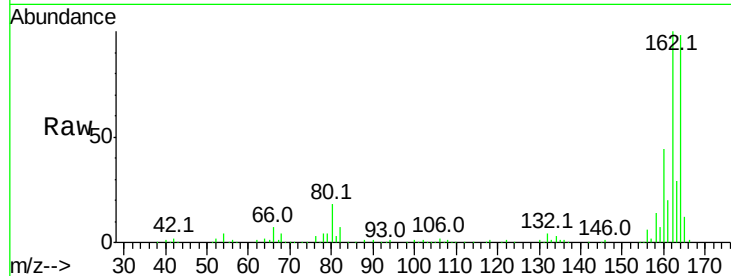




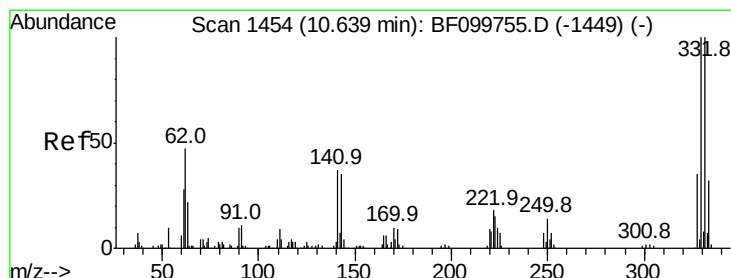
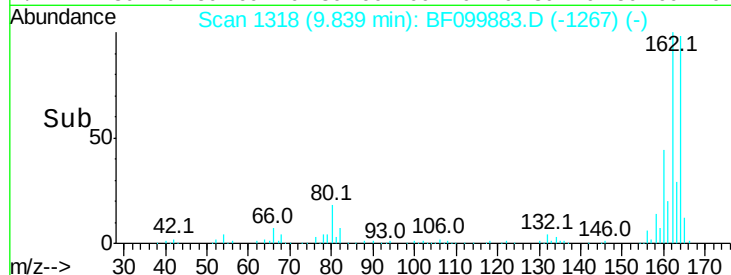
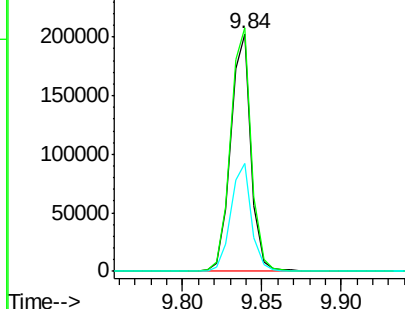
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF099883.D
Acq: 27 Oct 2017 17:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 179156
Ion Ratio Lower Upper
164 100
162 102.5 86.1 129.1
160 45.5 38.3 57.5

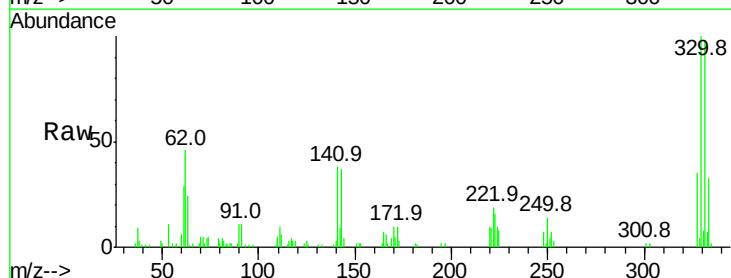


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

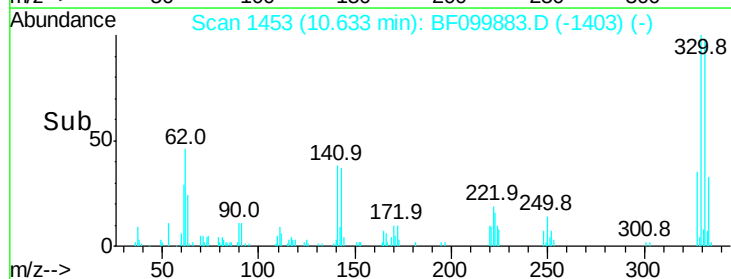
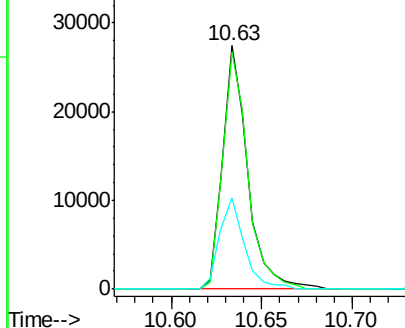


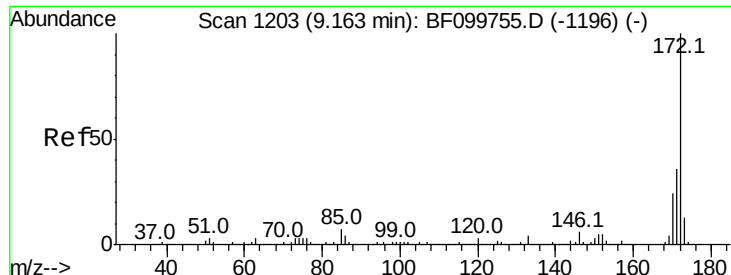
#41
2,4,6-Tribromophenol
Concen: 16.183 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF099883.D
Acq: 27 Oct 2017 17:55

Tgt Ion:330 Resp: 26422
Ion Ratio Lower Upper
330 100
332 97.7 77.0 115.6
141 37.4 29.9 44.9



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



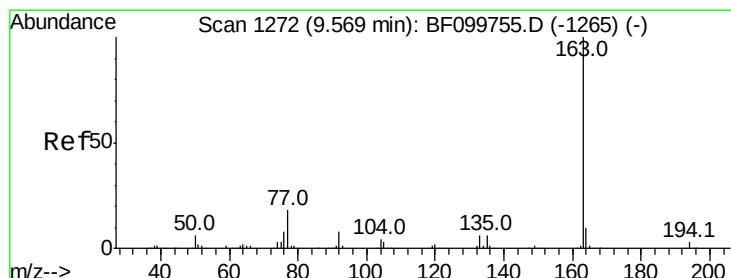
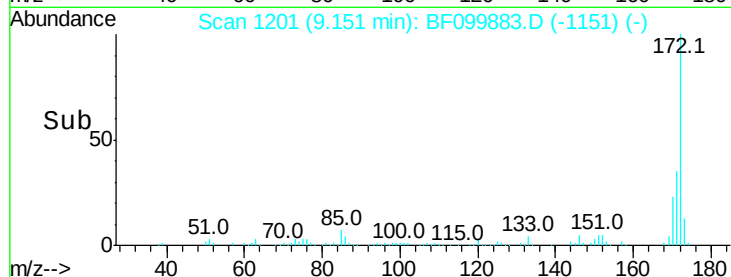
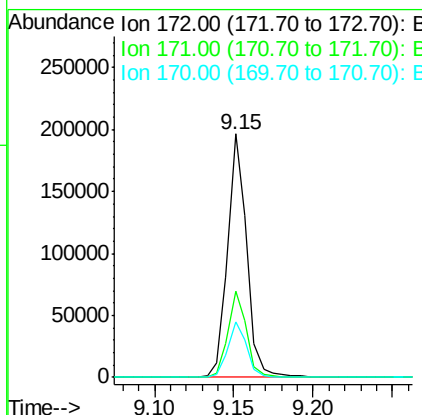
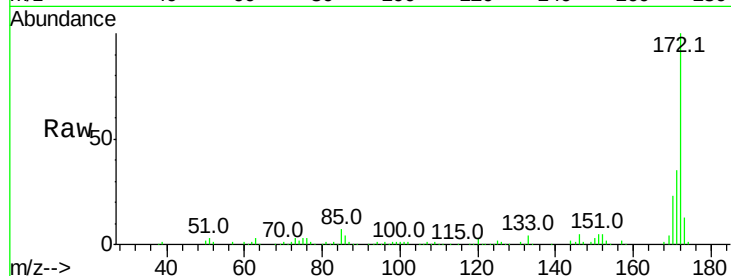


#44
 2-Fluorobiphenyl
 Concen: 14.099 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF099883.D
 Acq: 27 Oct 2017 17:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 163723

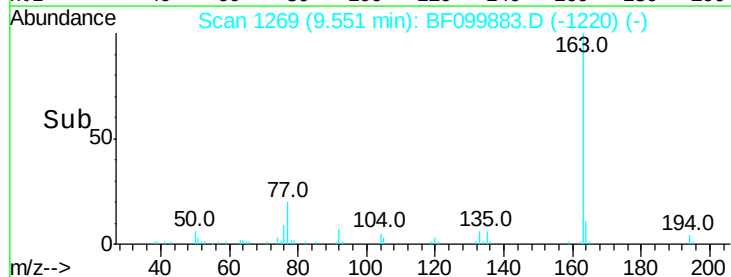
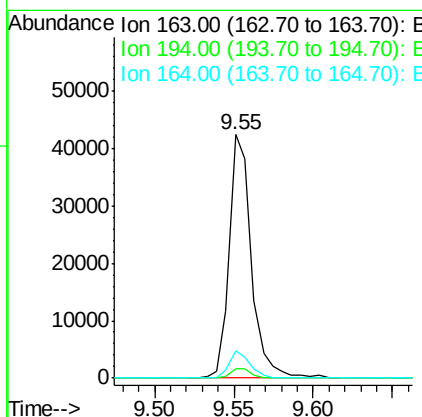
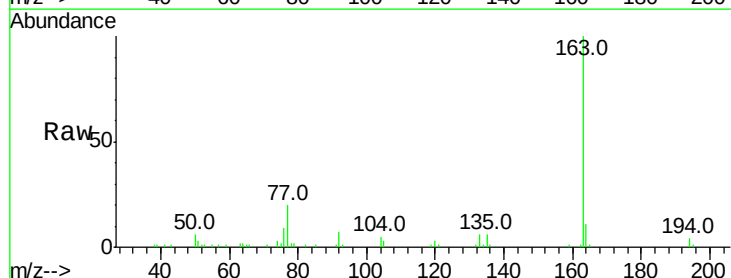
Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	22.8	19.6	29.4

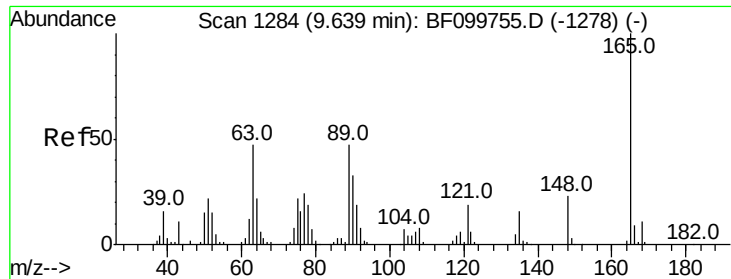


#49
 Dimethylphthalate
 Concen: 2.909 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF099883.D
 Acq: 27 Oct 2017 17:55

Tgt Ion:163 Resp: 41267

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	11.1	8.2	12.2

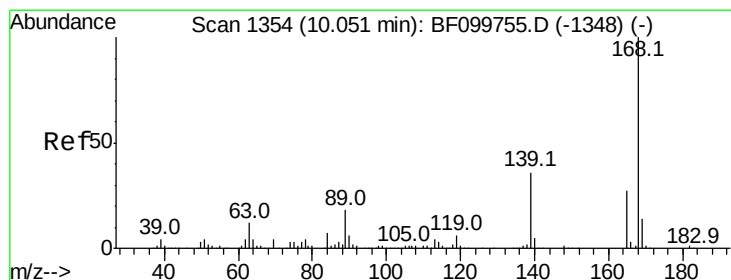
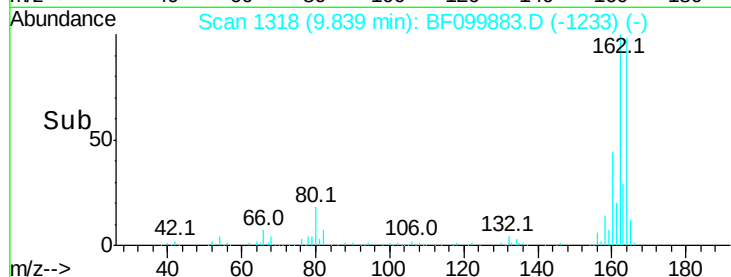
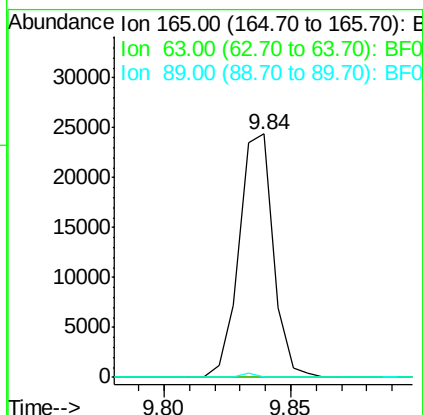
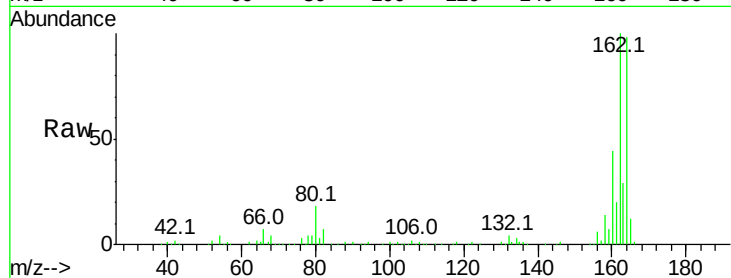




#50
 2,6-Dinitrotoluene
 Concen: 7.650 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.20 min
 Lab File: BF099883.D
 Acq: 27 Oct 2017 17:55

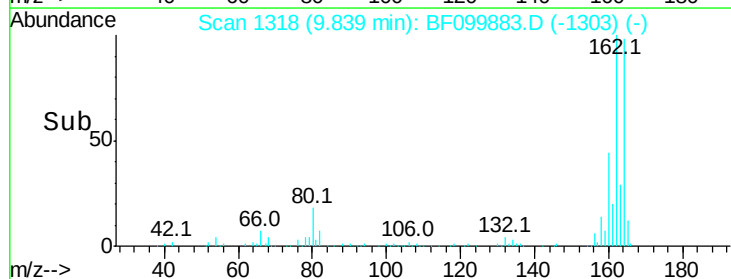
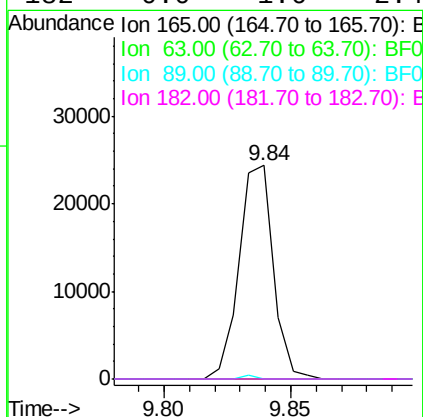
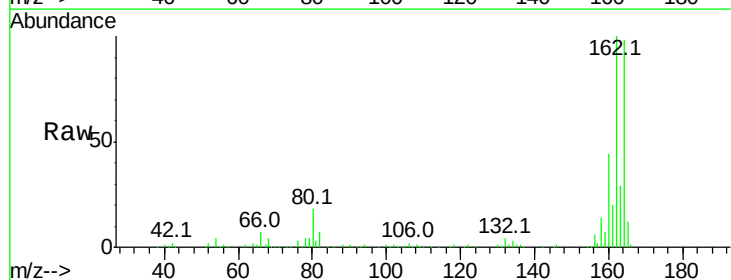
Instrument :
 BNA_F
 ClientSampleId :

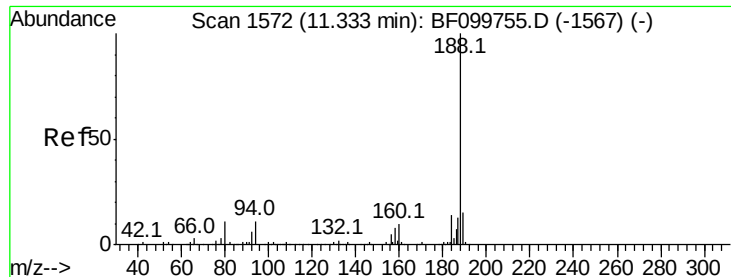
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.352 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.21 min
 Lab File: BF099883.D
 Acq: 27 Oct 2017 17:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

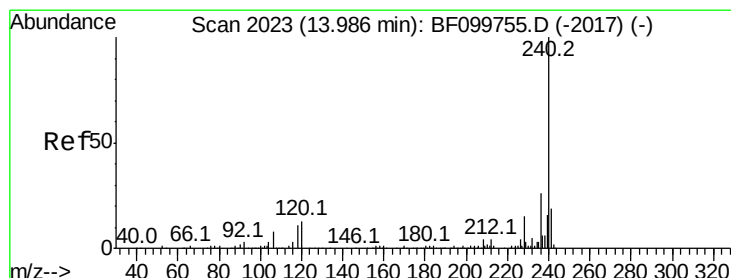
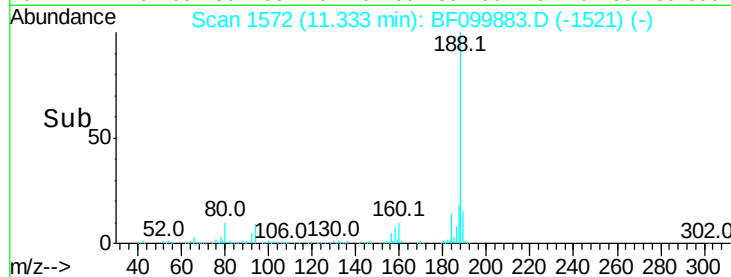
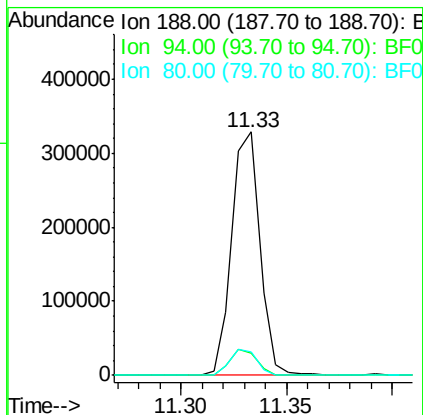
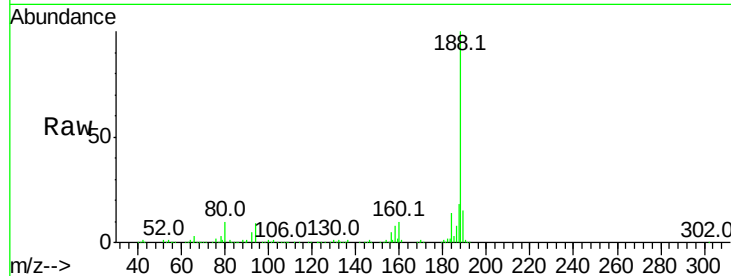




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF099883.D
Acq: 27 Oct 2017 17:55

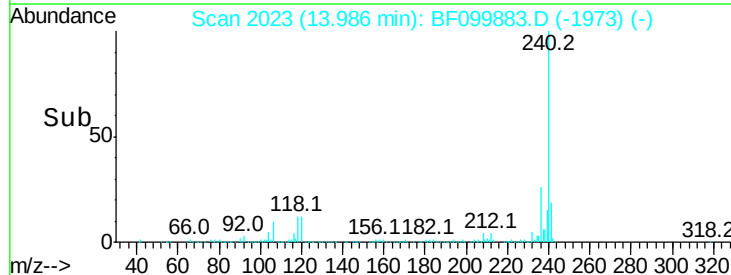
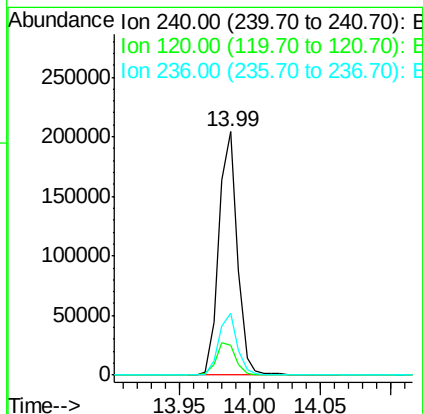
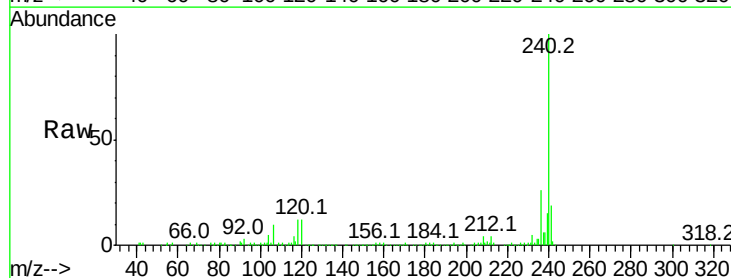
Instrument :
BNA_F
ClientSampleId :

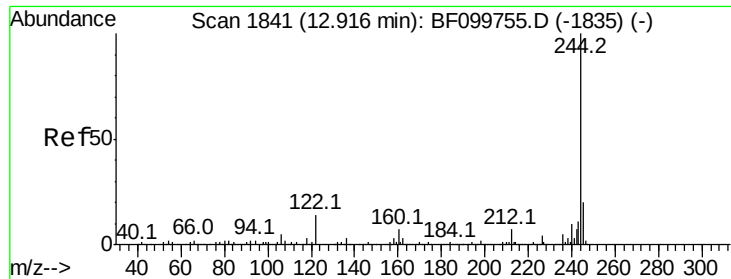
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	9.8	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF099883.D
Acq: 27 Oct 2017 17:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.5	14.3
236	25.5	20.7	31.1



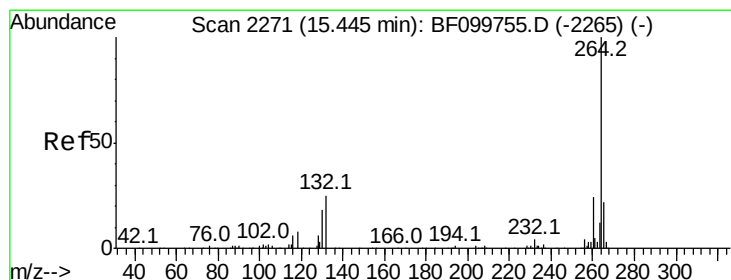
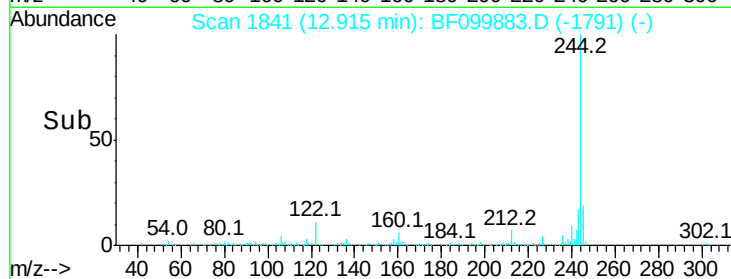
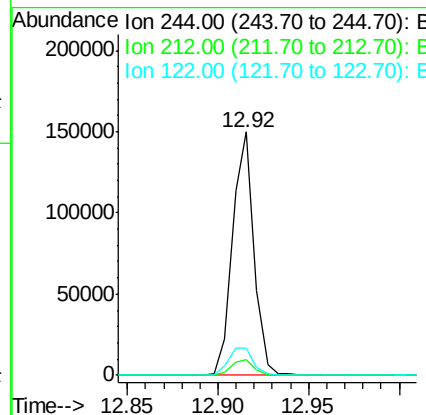
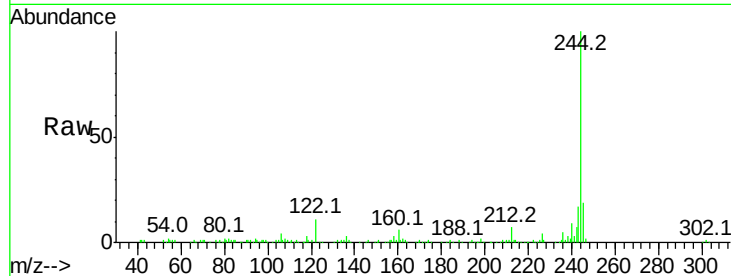


#78
 Terphenyl-d14
 Concen: 14.435 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF099883.D
 Acq: 27 Oct 2017 17:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 122863

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	11.4	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: BF099883.D
 Acq: 27 Oct 2017 17:55

Tgt Ion:264 Resp: 189026

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.2	17.5	26.3

