

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
 Data File : BF117600.D
 Acq On : 29 Oct 2019 19:25
 Operator : JU
 Sample : K5498-01 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 03:32:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

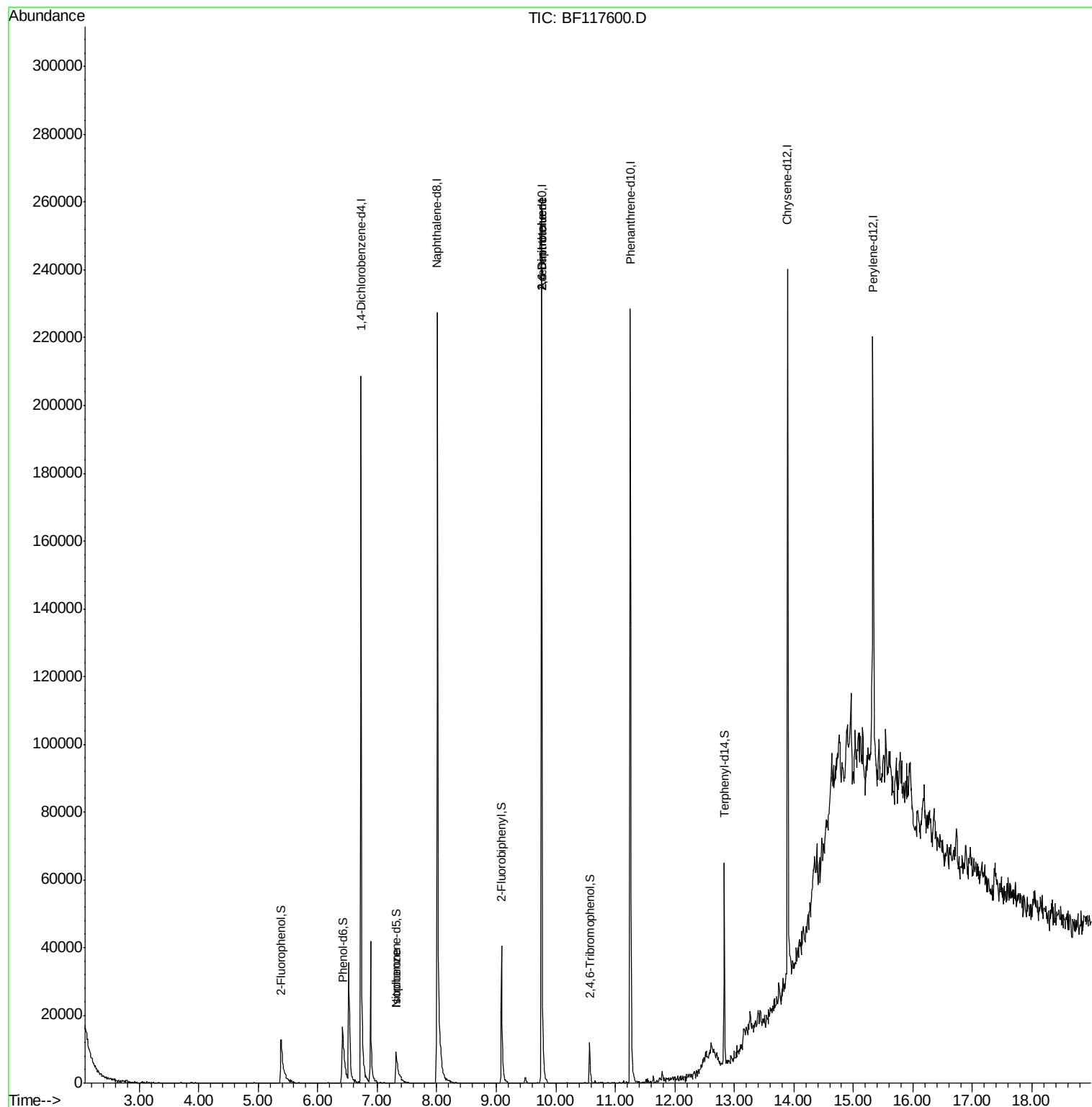
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	38462	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	150580	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	64990	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	100195	20.00	ng	0.00
76) Chrysene-d12	13.90	240	73779	20.00	ng	0.00
87) Perylene-d12	15.33	264	56835	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	15281	5.91	ng	0.04
7) Phenol-d6	6.42	99	20502	5.90	ng	0.04
23) Nitrobenzene-d5	7.32	82	12837	4.21	ng	0.01
42) 2,4,6-Tribromophenol	10.57	330	2969	5.28	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	24159	5.24	ng	0.00
79) Terphenyl-d14	12.83	244	21860	4.83	ng	0.00
Target Compounds						
25) Isophorone	7.32	82	12837	2.433	ng	# 65
51) 2,6-Dinitrotoluene	9.76	165	8381	8.669	ng	# 22
57) 2,4-Dinitrotoluene	9.76	165	8381	6.520	ng	# 12
77) Benzidine	12.83	184	174	Below Cal		# 67

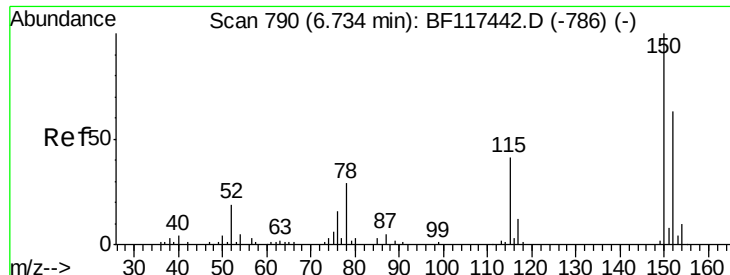
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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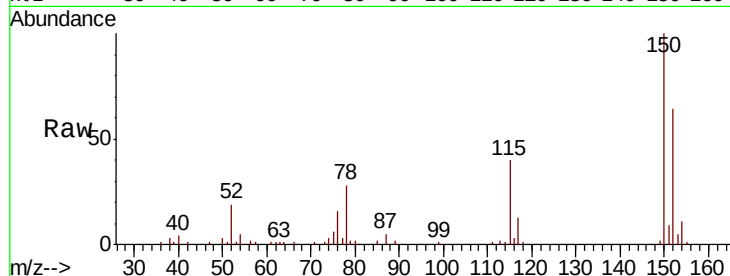


#1

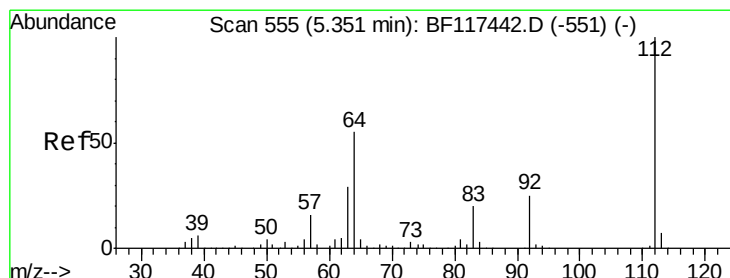
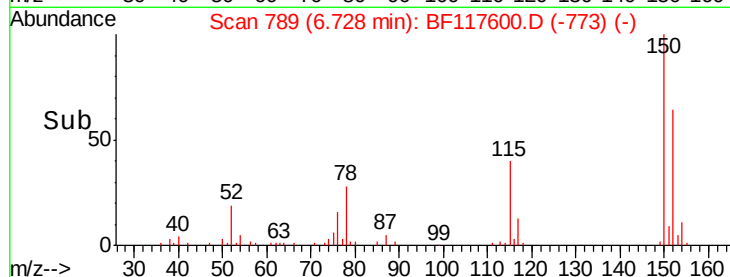
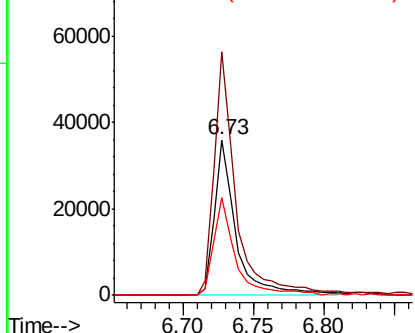
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117600.D
Acq: 29 Oct 2019 19:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.8	190.2
115	63.1	51.6	77.4



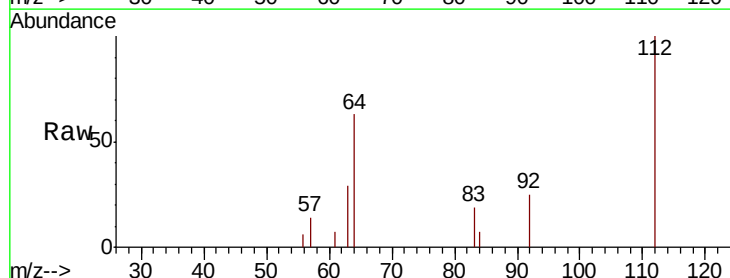
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



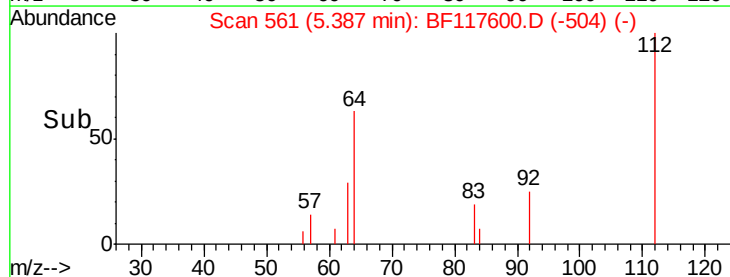
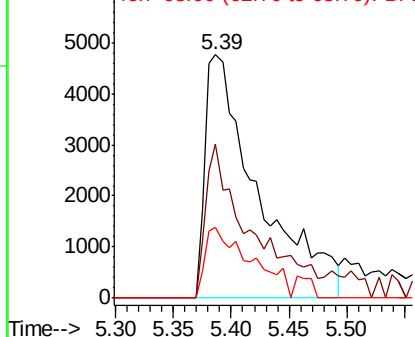
#5

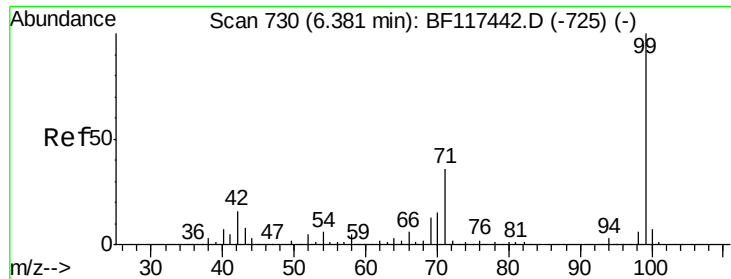
2-Fluorophenol
Concen: 5.911 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.04 min
Lab File: BF117600.D
Acq: 29 Oct 2019 19:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.4	44.1	66.1
63	29.0	23.4	35.2



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: 5.904 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.04 min

Lab File: BF117600.D

Acq: 29 Oct 2019 19:25

Instrument :

BNA_F

ClientSampled :

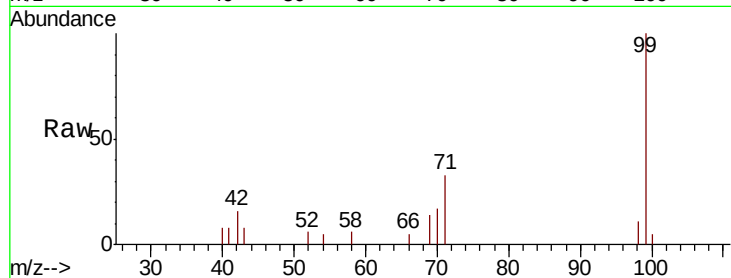
Tot Ion: 99 Resp: 20502

Ion Ratio Lower Upper

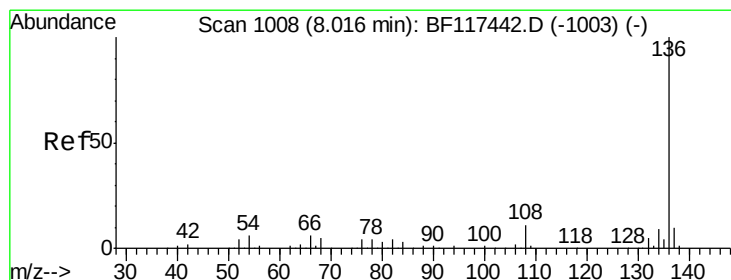
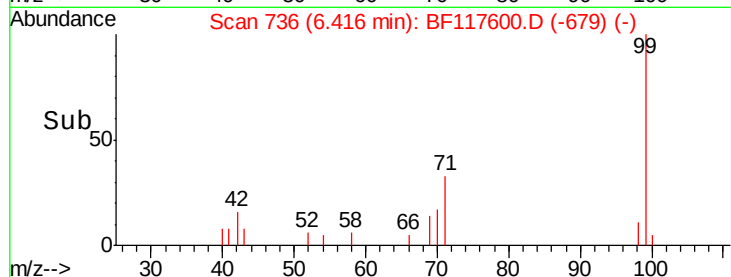
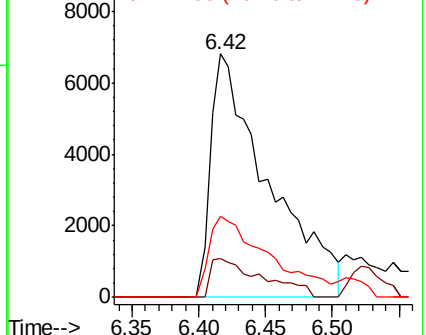
99 100

42 16.2 12.8 19.2

71 33.2 28.6 43.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF117600.D

Acq: 29 Oct 2019 19:25

Tgt Ion: 136 Resp: 150580

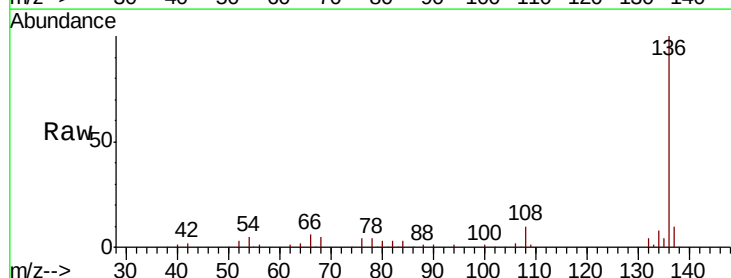
Ion Ratio Lower Upper

136 100

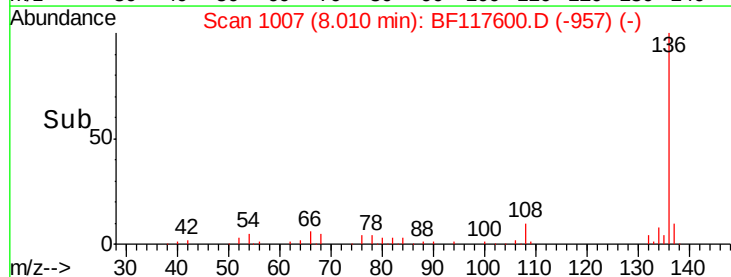
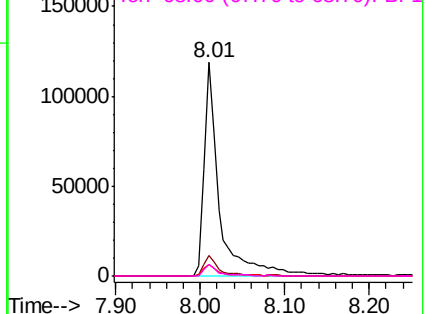
137 9.9 8.2 12.4

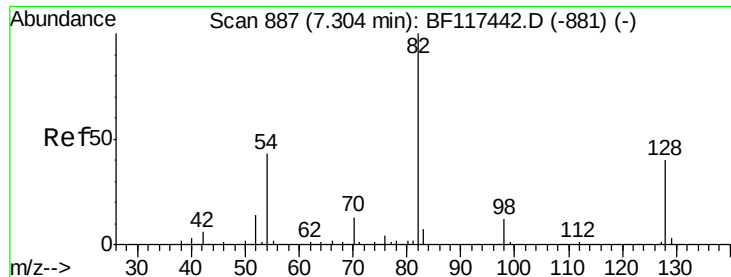
54 5.4 4.5 6.7

68 5.2 4.3 6.5



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

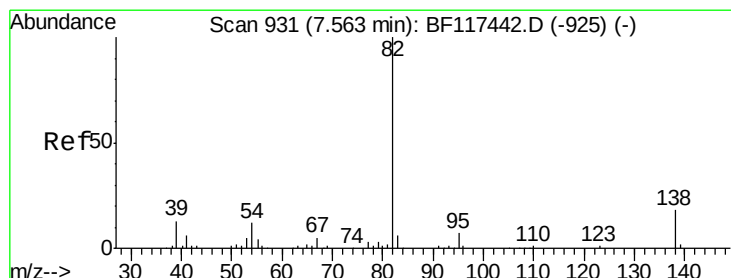
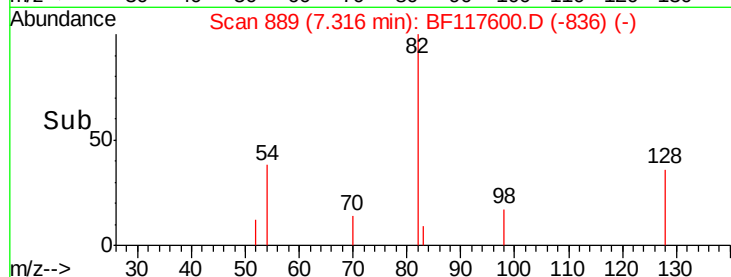
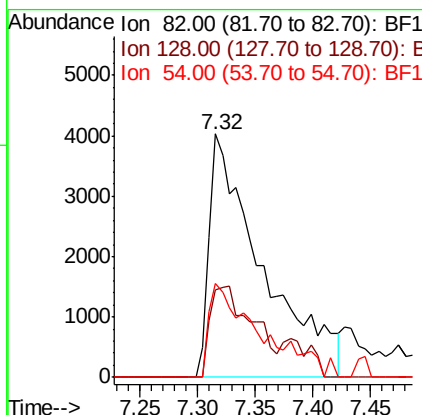
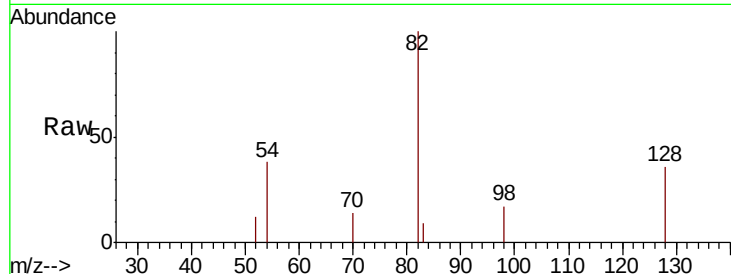




#23
Nitrobenzene-d5
Concen: 4.209 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF117600.D
Acq: 29 Oct 2019 19:25

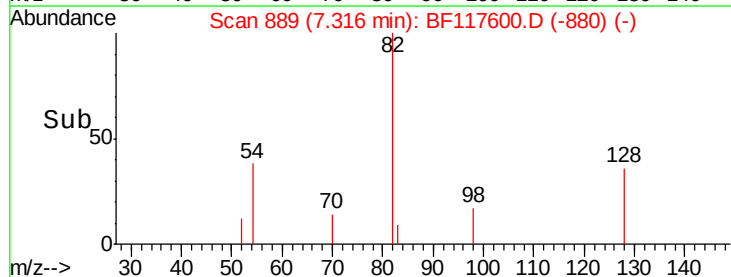
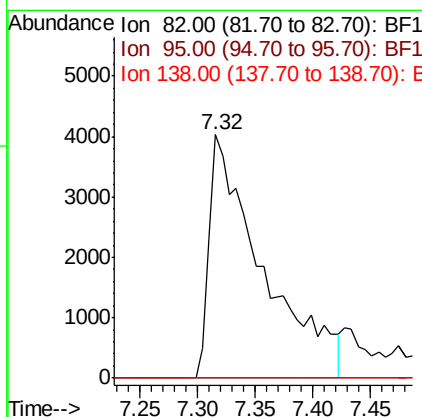
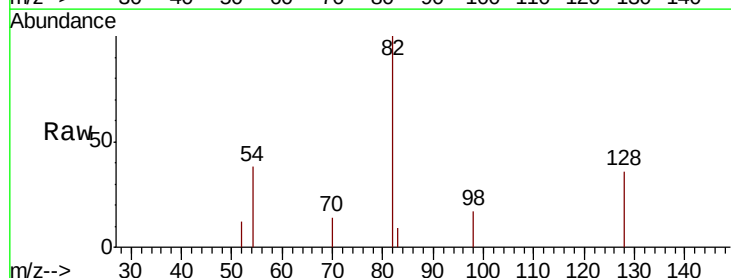
Instrument :
BNA_F
ClientSampled :

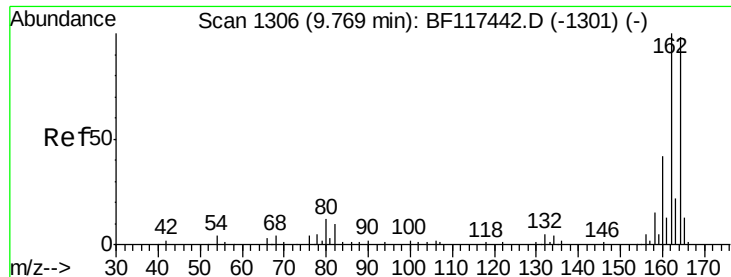
Tot Ion	82	Resp	12837
Ion Ratio	Lower	Upper	
82	100		
128	36.0	32.2	48.2
54	38.3	34.2	51.2



#25
Isophorone
Concen: 2.433 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.25 min
Lab File: BF117600.D
Acq: 29 Oct 2019 19:25

Tgt Ion	82	Resp	12837
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.4	8.0#
138	0.0	14.2	21.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF117600.D

Acq: 29 Oct 2019 19:25

Instrument :

BNA_F

ClientSampleId :

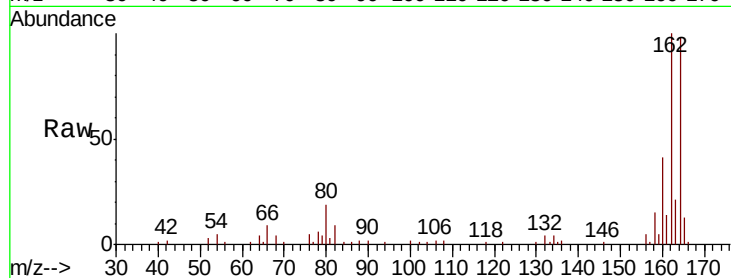
Tot Ion:164 Resp: 64990

Ion Ratio Lower Upper

164 100

162 102.4 81.8 122.6

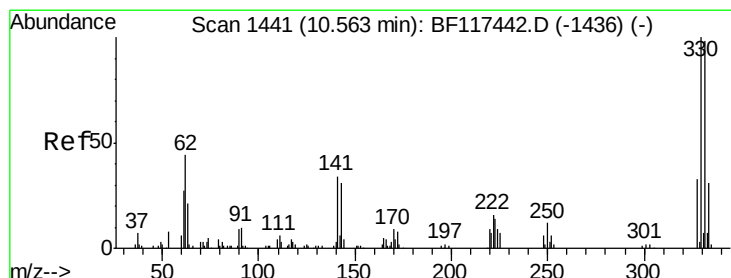
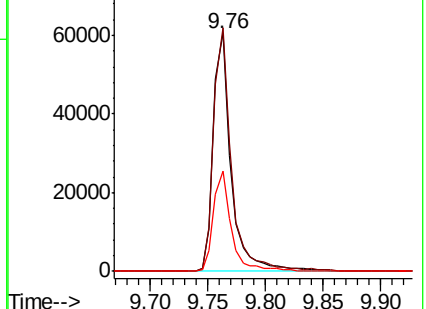
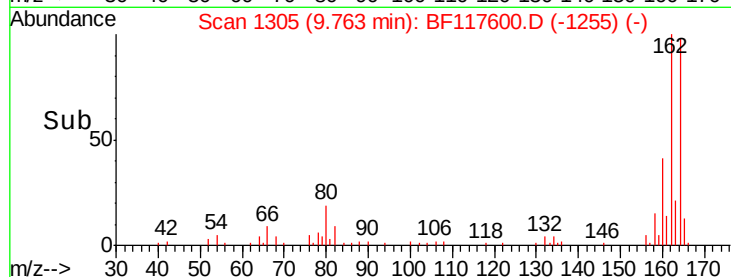
160 42.1 34.4 51.6



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



#42

2,4,6-Tribromophenol

Concen: 5.280 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BF117600.D

Acq: 29 Oct 2019 19:25

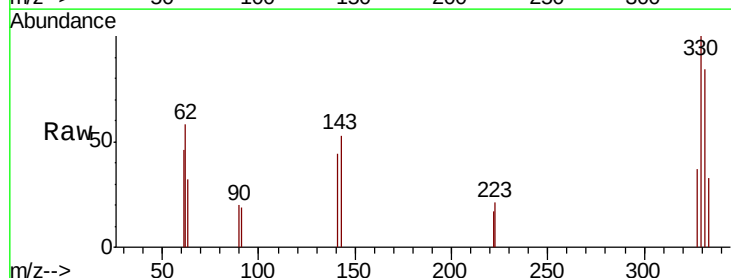
Tgt Ion:330 Resp: 2969

Ion Ratio Lower Upper

330 100

332 99.0 78.5 117.7

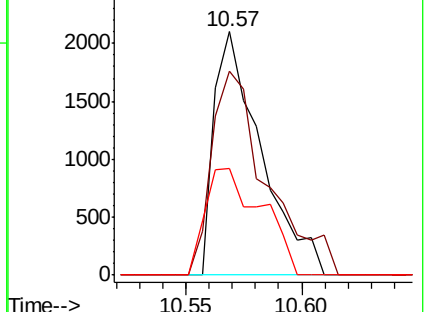
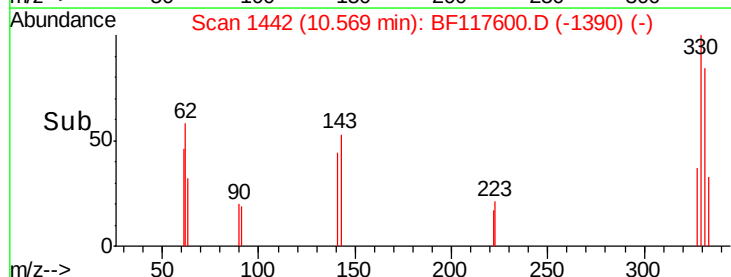
141 52.7 37.0 55.6

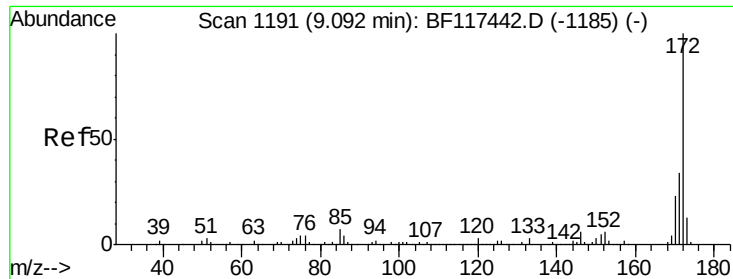


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

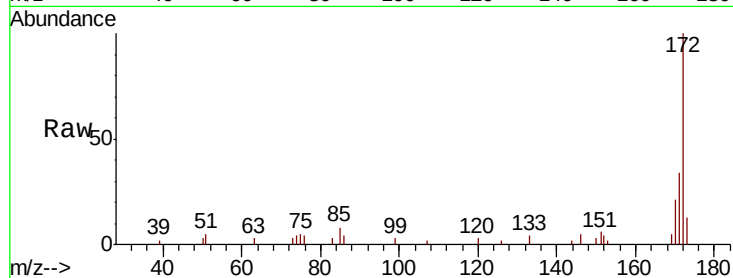




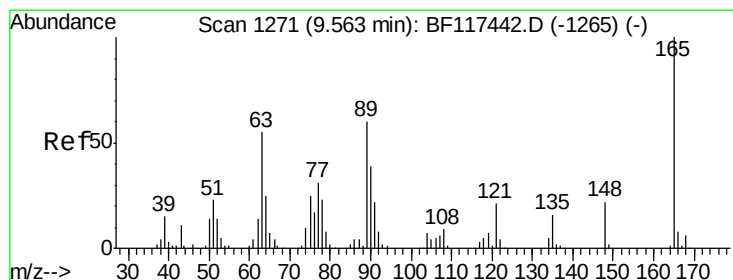
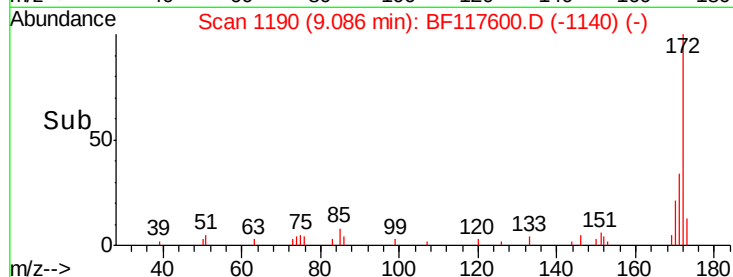
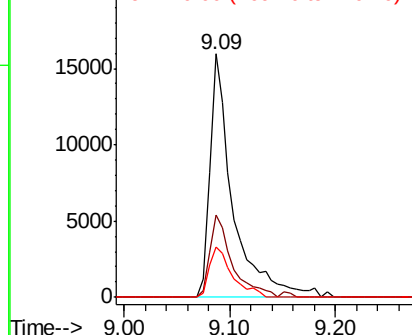
#45
2-Fluorobiphenyl
Concen: 5.238 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117600.D
Acq: 29 Oct 2019 19:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 24159
Ion Ratio Lower Upper
172 100
171 33.7 27.5 41.3
170 20.9 18.6 27.8

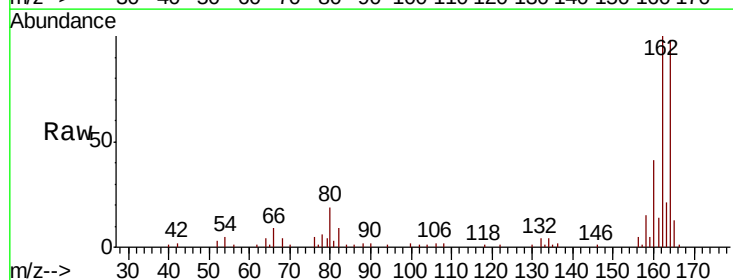


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

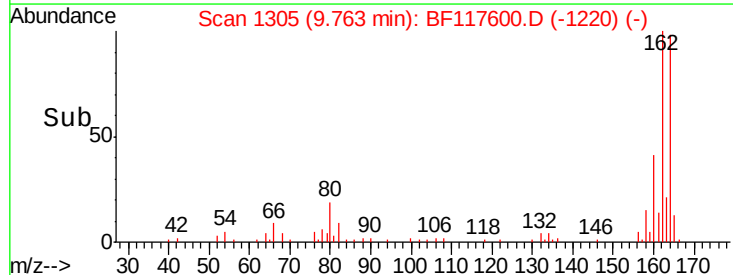
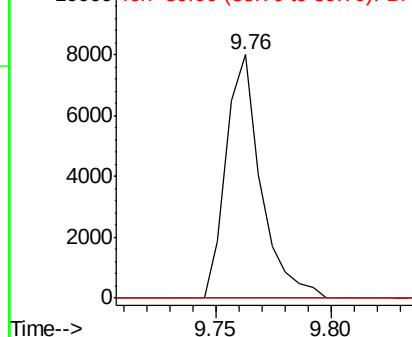


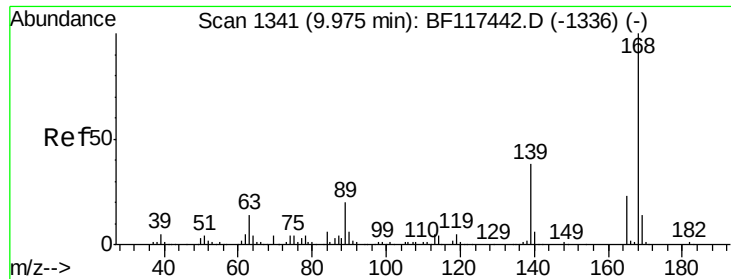
#51
2,6-Dinitrotoluene
Concen: 8.669 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.20 min
Lab File: BF117600.D
Acq: 29 Oct 2019 19:25

Tgt Ion:165 Resp: 8381
Ion Ratio Lower Upper
165 100
63 0.0 43.8 65.8#
89 0.0 47.6 71.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

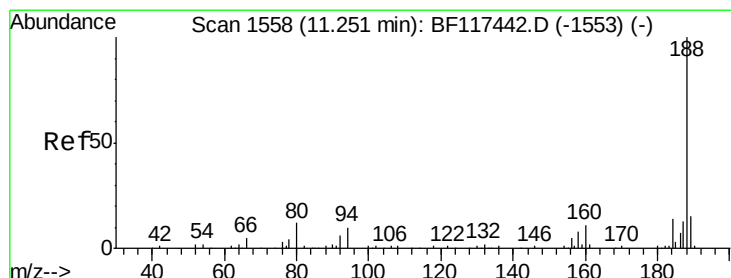
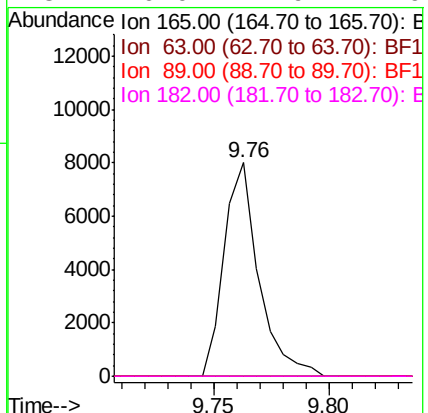
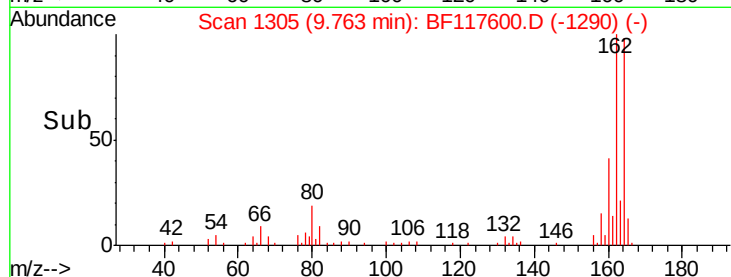
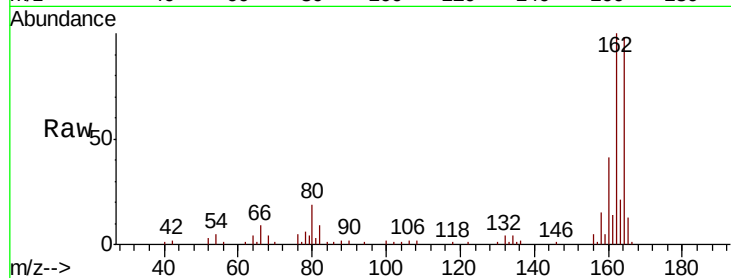




#57
 2,4-Dinitrotoluene
 Concen: 6.520 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.21 min
 Lab File: BF117600.D
 Acq: 29 Oct 2019 19:25

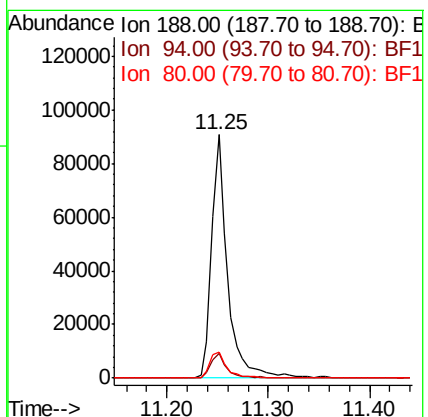
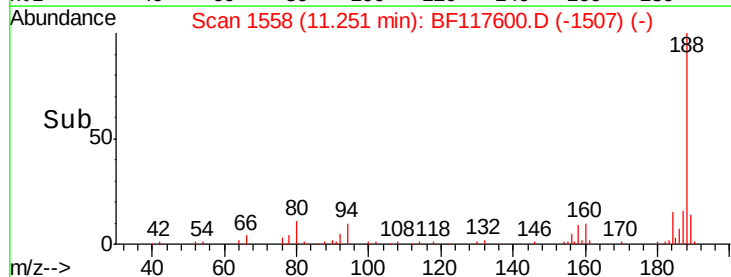
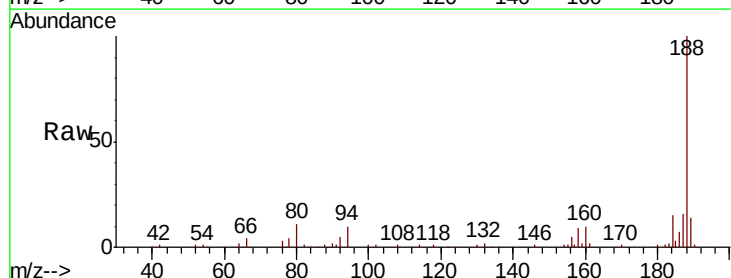
Instrument :
 BNA_F
 ClientSampleId :

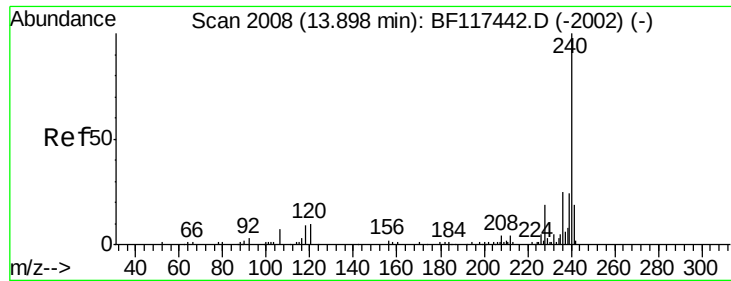
Tot Ion:165 Resp: 8381
 Ion Ratio Lower Upper
 165 100
 63 0.0 51.4 77.0#
 89 0.0 69.9 104.9#
 182 0.0 1.9 2.9#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: BF117600.D
 Acq: 29 Oct 2019 19:25

Tgt Ion:188 Resp: 100195
 Ion Ratio Lower Upper
 188 100
 94 10.0 8.0 12.0
 80 10.5 9.5 14.3

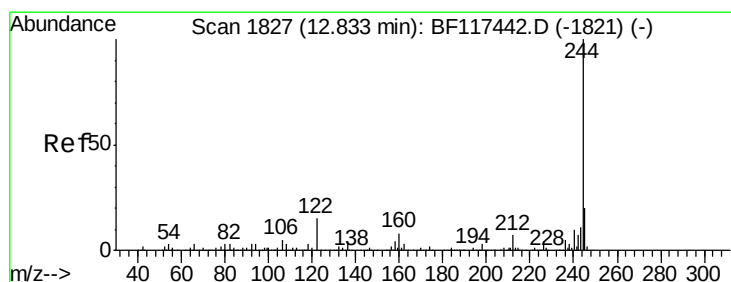
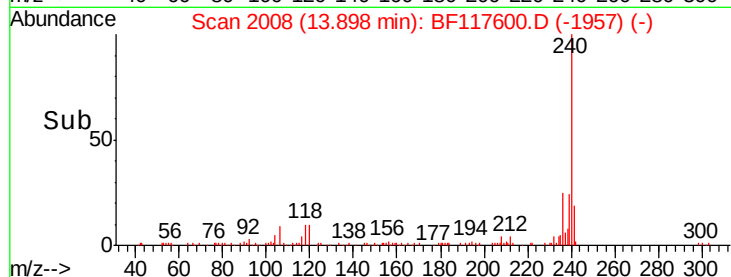
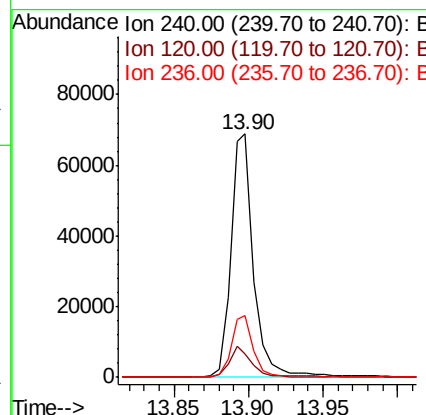
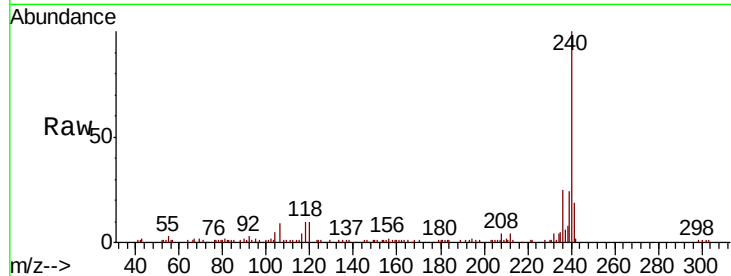




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF117600.D
Acq: 29 Oct 2019 19:25

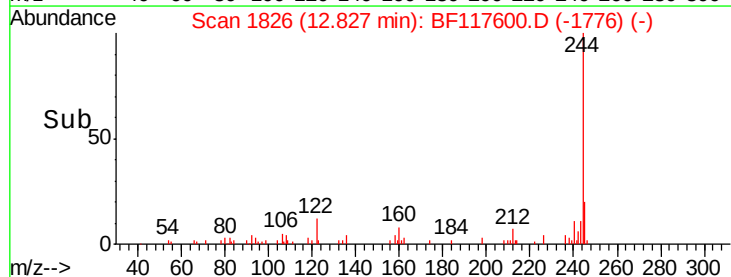
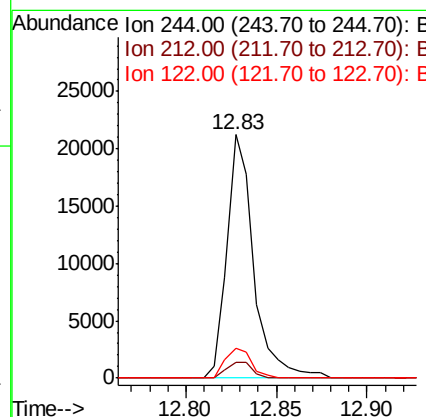
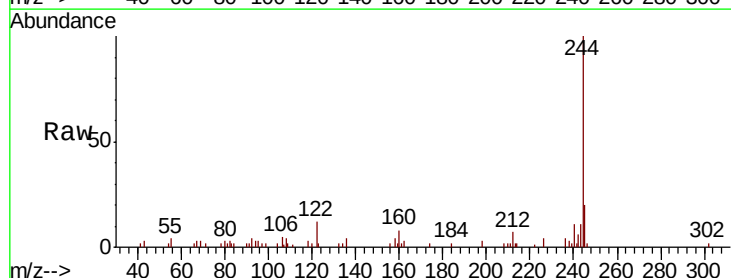
Instrument :
BNA_F
ClientSampleId :

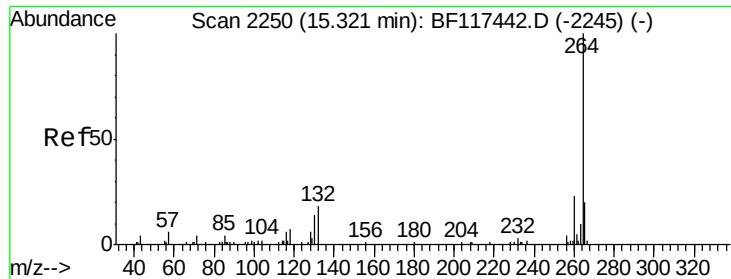
Tot Ion:240 Resp: 73779
Ion Ratio Lower Upper
240 100
120 9.9 8.4 12.6
236 25.3 20.0 30.0



#79
Terphenyl-d14
Concen: 4.833 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF117600.D
Acq: 29 Oct 2019 19:25

Tgt Ion:244 Resp: 21860
Ion Ratio Lower Upper
244 100
212 6.7 5.8 8.6
122 12.4 11.8 17.8





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF117600.D
Acq: 29 Oct 2019 19:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.7	18.4	27.6
265	20.6	16.1	24.1

