

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103019\
 Data File : BF117644.D
 Acq On : 31 Oct 2019 4:27
 Operator : JU
 Sample : K5583-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OB-722

Quant Time: Oct 31 08:15:29 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

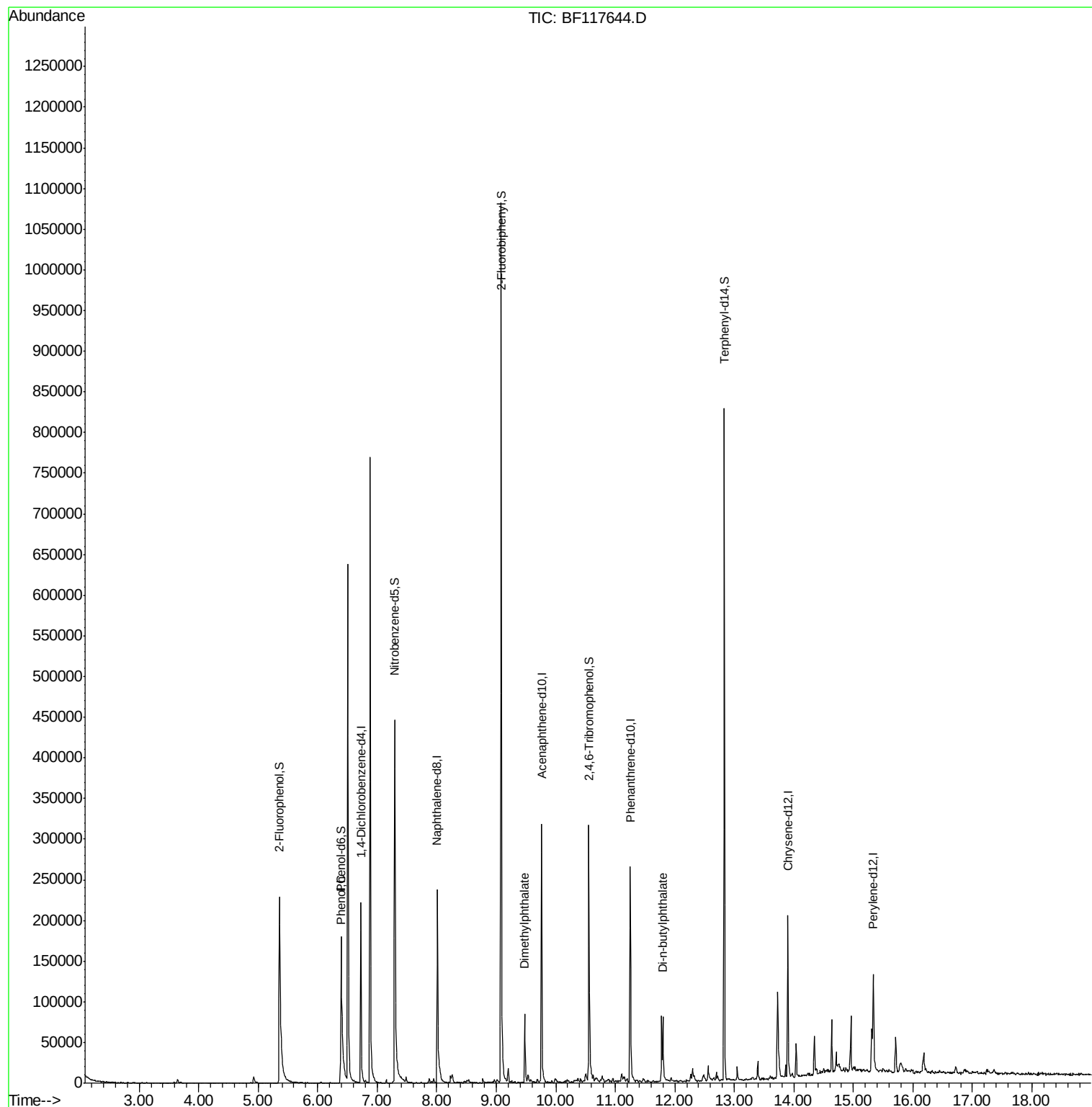
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	37378	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	151320	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	72245	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	104275	20.00	ng	0.00
76) Chrysene-d12	13.90	240	70272	20.00	ng	0.00
87) Perylene-d12	15.33	264	64135	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	128472	51.13	ng	0.00
7) Phenol-d6	6.39	99	122677	36.35	ng	0.01
23) Nitrobenzene-d5	7.29	82	219564	71.63	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	39524	63.23	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	364265	71.04	ng	-0.01
79) Terphenyl-d14	12.83	244	277297	64.36	ng	0.00
Target Compounds						
10) Phenol	6.40	94	12310	3.574	ng	91
50) Dimethylphthalate	9.48	163	39378	7.646	ng	98
74) Di-n-butylphthalate	11.80	149	36097	4.758	ng	97

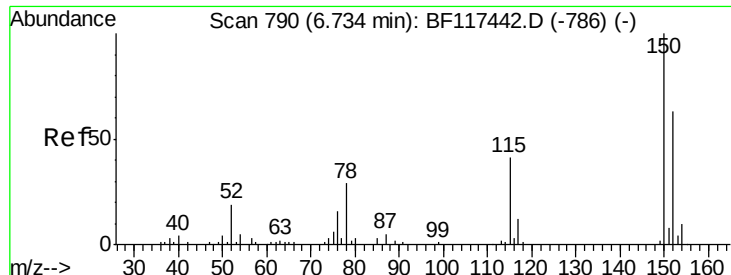
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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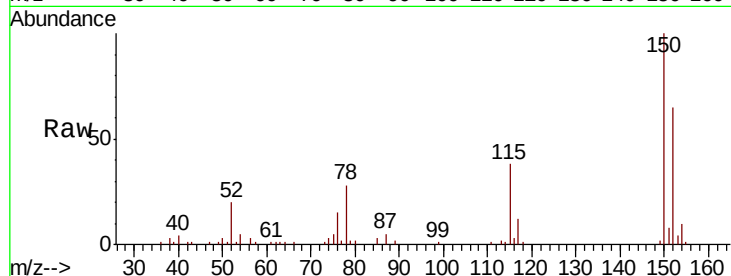


#1

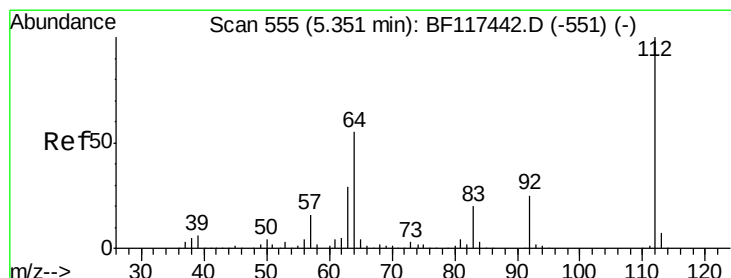
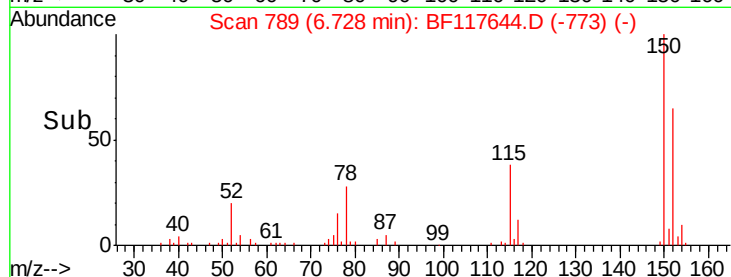
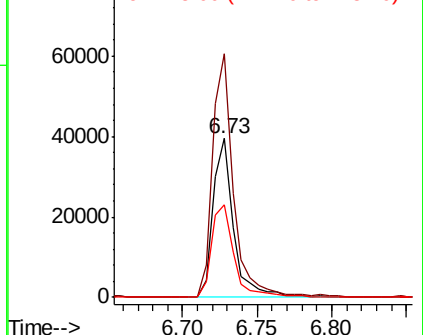
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117644.D
Acq: 31 Oct 2019 4:27

Instrument :
BNA_F
ClientSampleId :
OB-722

Tot Ion:152 Resp: 37378
Ion Ratio Lower Upper
152 100
150 153.4 126.8 190.2
115 58.7 51.6 77.4



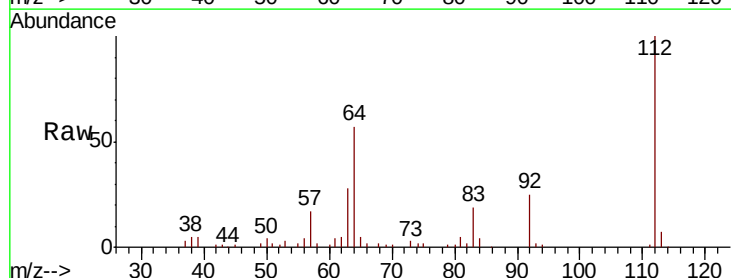
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



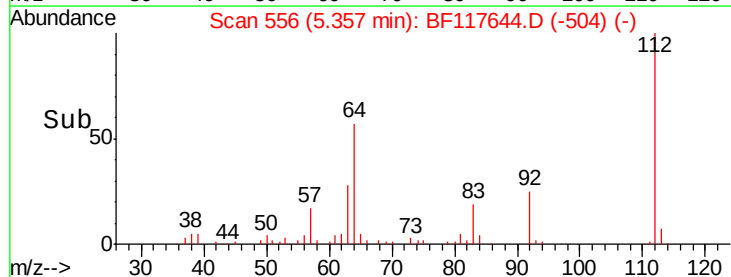
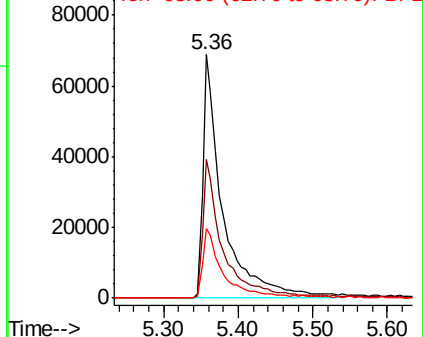
#5

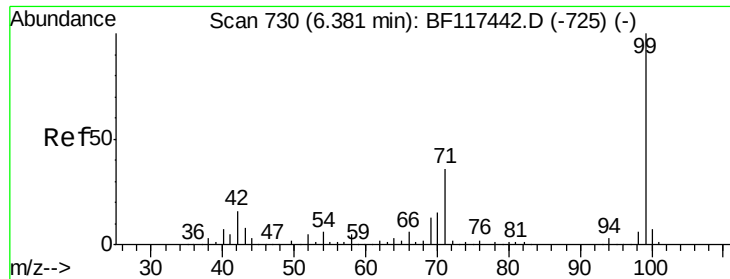
2-Fluorophenol
Concen: 51.134 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF117644.D
Acq: 31 Oct 2019 4:27

Tgt Ion:112 Resp: 128472
Ion Ratio Lower Upper
112 100
64 57.1 44.1 66.1
63 28.5 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: 36.354 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF117644.D

Acq: 31 Oct 2019 4:27

Instrument :

BNA_F

ClientSampleId :

OB-722

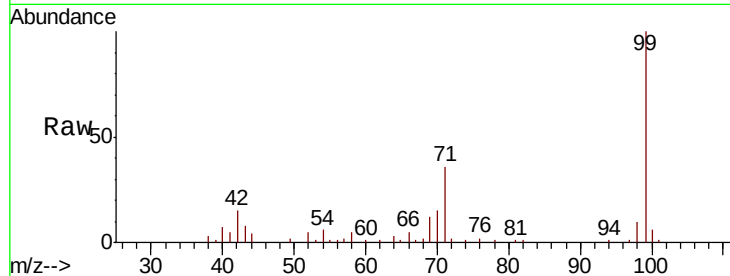
Tot Ion: 99 Resp: 122677

Ion Ratio Lower Upper

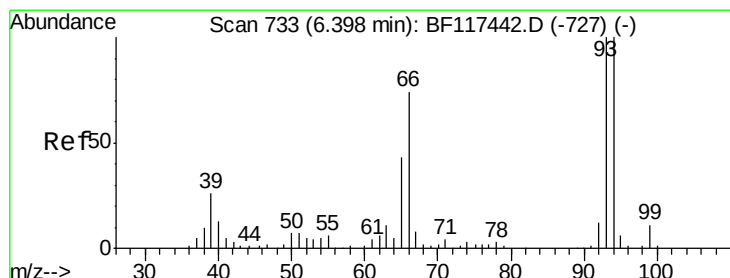
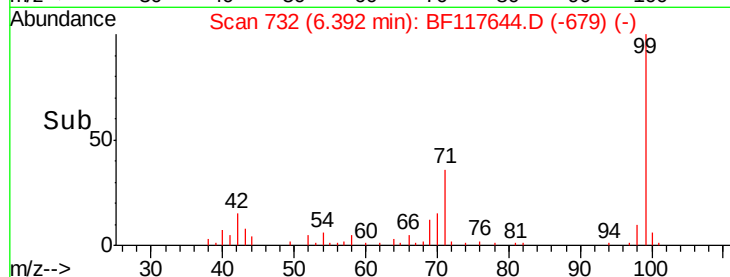
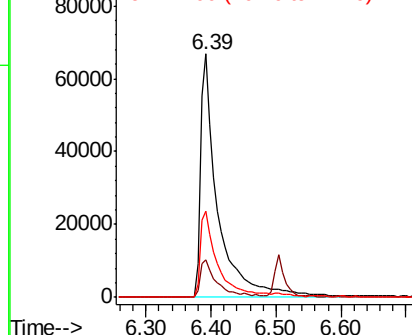
99 100

42 15.5 12.8 19.2

71 35.6 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



#10

Phenol

Concen: 3.574 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF117644.D

Acq: 31 Oct 2019 4:27

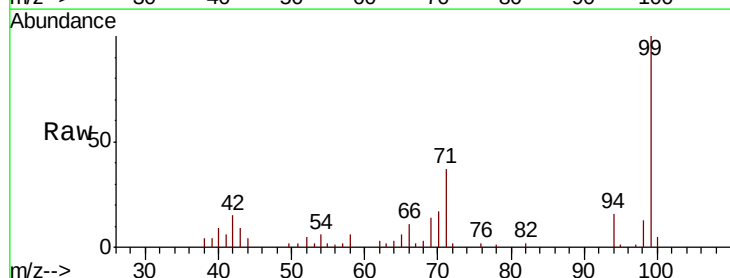
Tgt Ion: 94 Resp: 12310

Ion Ratio Lower Upper

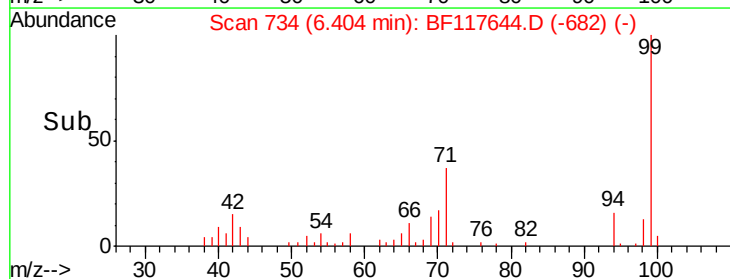
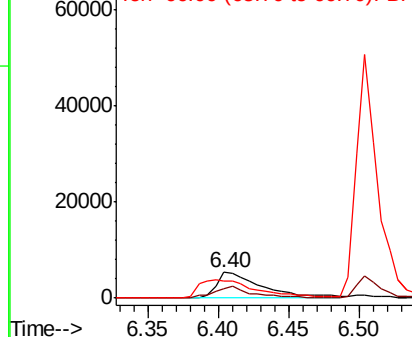
94 100

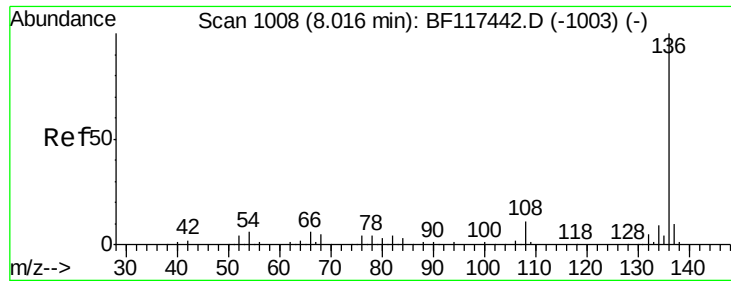
65 37.9 23.4 63.4

66 66.8 54.7 94.7



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

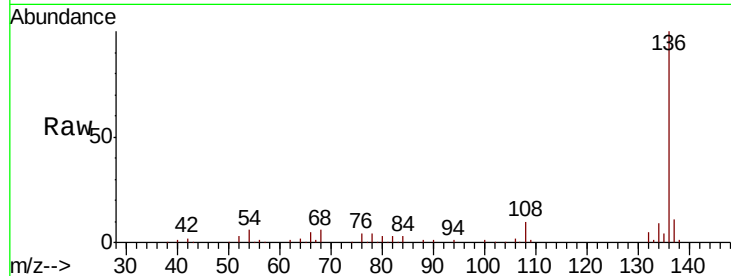




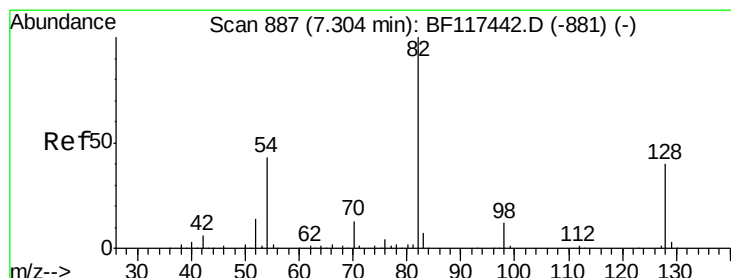
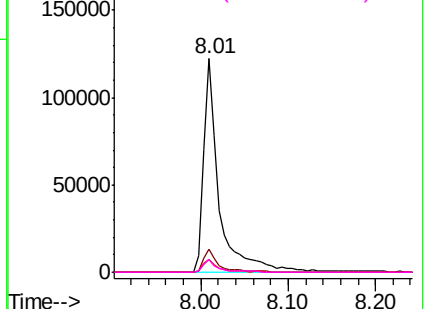
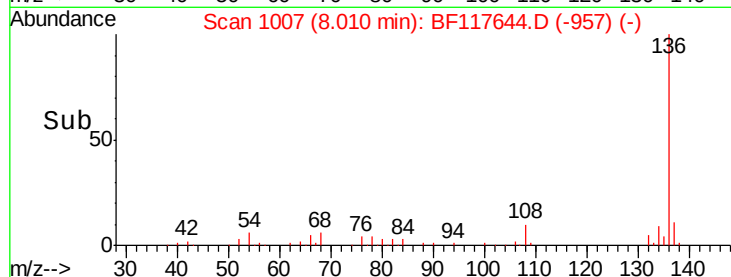
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117644.D
Acq: 31 Oct 2019 4:27

Instrument :
BNA_F
ClientSampleId :
OB-722

Tot Ion:136	Resp:	151320
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.2 12.4
54	6.2	4.5 6.7
68	5.9	4.3 6.5

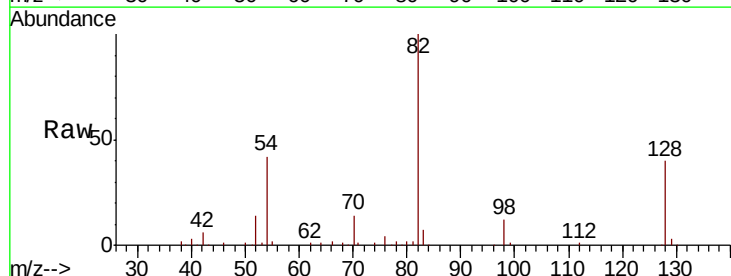


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

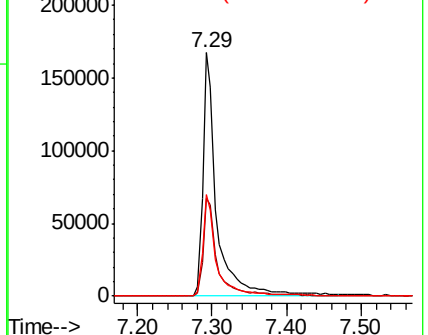
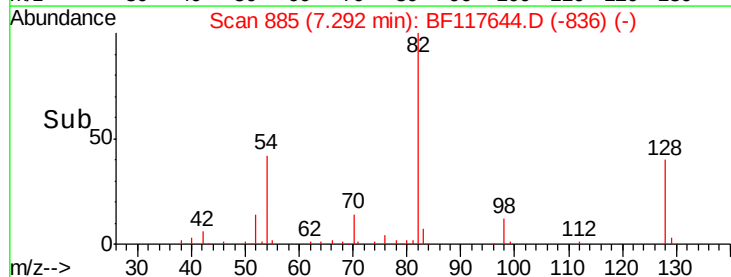


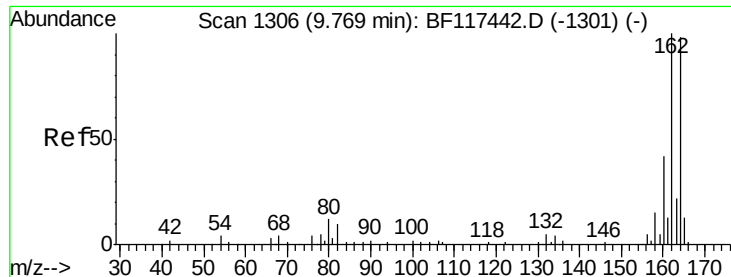
#23
Nitrobenzene-d5
Concen: 71.632 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117644.D
Acq: 31 Oct 2019 4:27

Tgt Ion: 82	Resp:	219564
Ion Ratio	Lower	Upper
82	100	
128	39.9	32.2 48.2
54	41.6	34.2 51.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

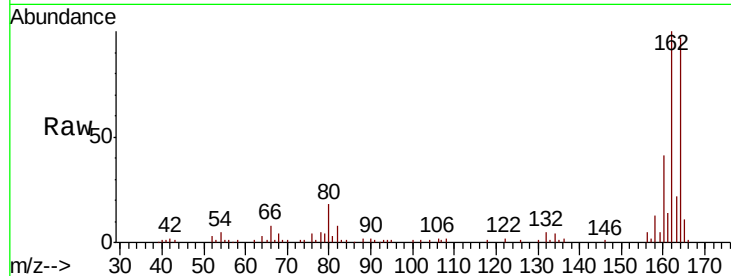




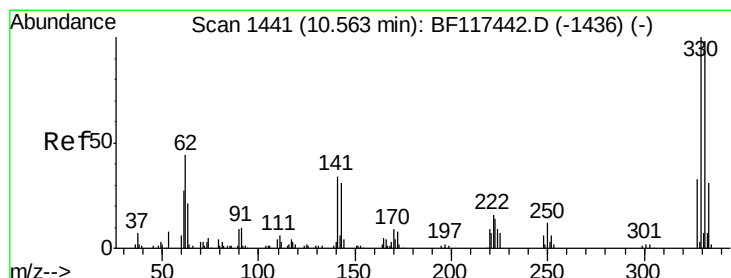
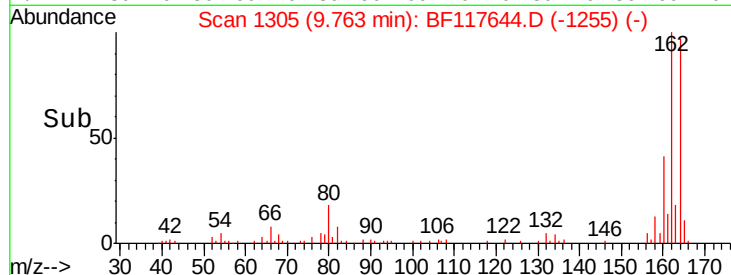
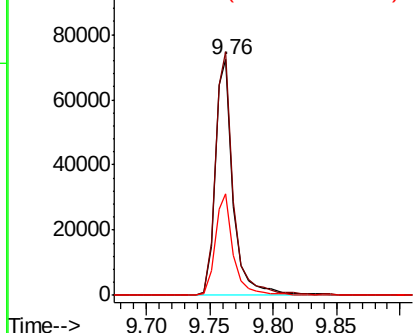
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117644.D
Acq: 31 Oct 2019 4:27

Instrument :
BNA_F
ClientSampleId :
OB-722

Tot Ion:164 Resp: 72245
Ion Ratio Lower Upper
164 100
162 103.2 81.8 122.6
160 42.8 34.4 51.6

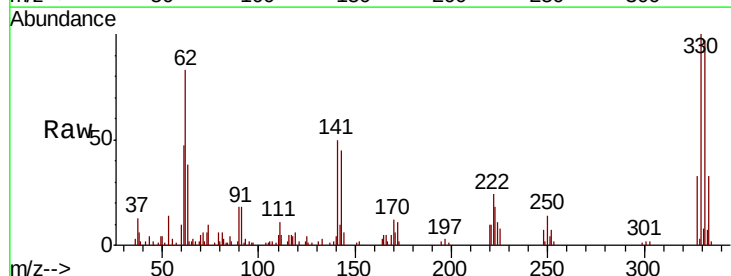


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

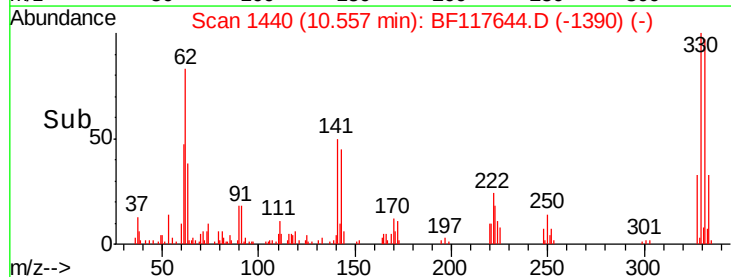
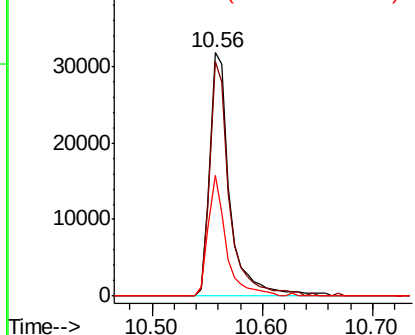


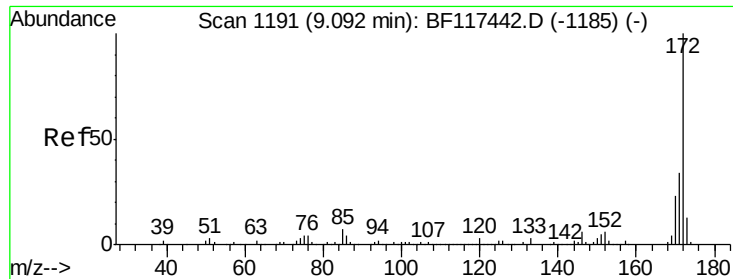
#42
2,4,6-Tribromophenol
Concen: 63.228 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117644.D
Acq: 31 Oct 2019 4:27

Tgt Ion:330 Resp: 39524
Ion Ratio Lower Upper
330 100
332 93.8 78.5 117.7
141 43.8 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

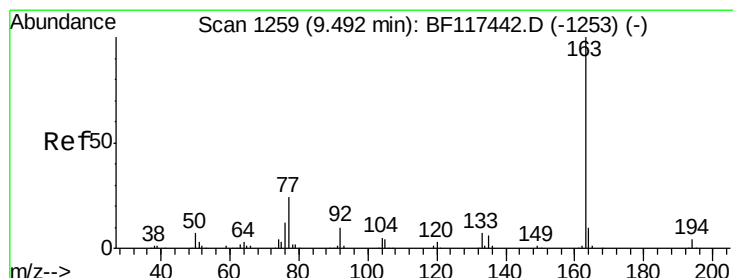
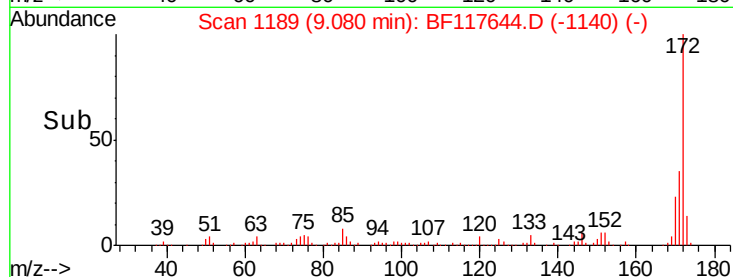
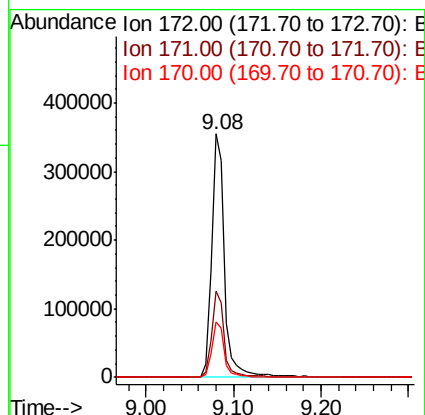
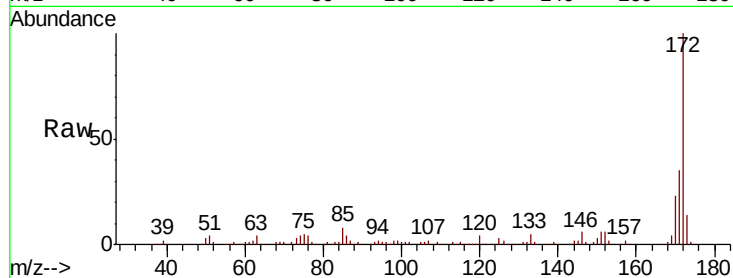




#45
2-Fluorobiphenyl
Concen: 71.042 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117644.D
Acq: 31 Oct 2019 4:27

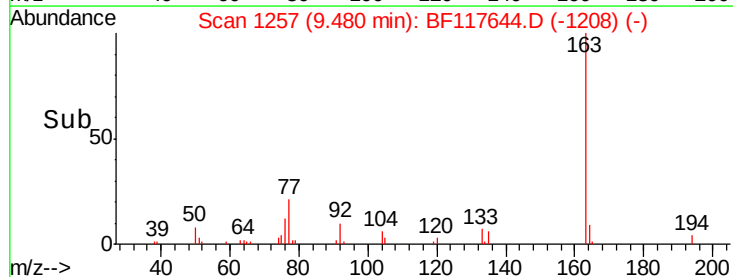
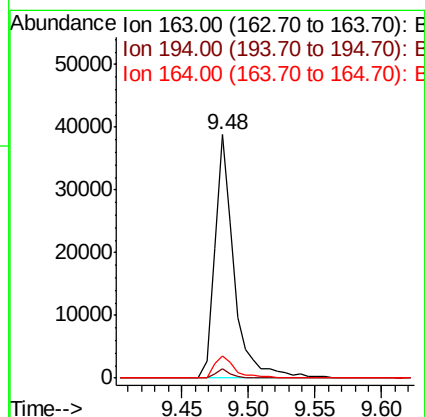
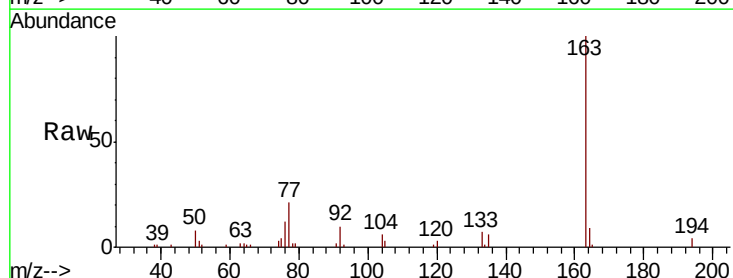
Instrument :
BNA_F
ClientSampleId :
OB-722

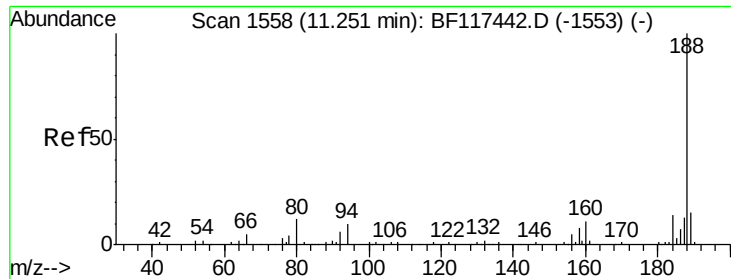
Tot Ion:172 Resp: 364265
Ion Ratio Lower Upper
172 100
171 35.3 27.5 41.3
170 23.0 18.6 27.8



#50
Dimethylphthalate
Concen: 7.646 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117644.D
Acq: 31 Oct 2019 4:27

Tgt Ion:163 Resp: 39378
Ion Ratio Lower Upper
163 100
194 4.1 2.9 4.3
164 9.3 8.2 12.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BF117644.D

Acq: 31 Oct 2019 4:27

Instrument :

BNA_F

ClientSampleId :

OB-722

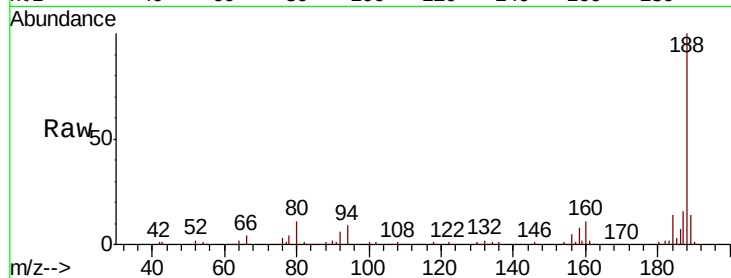
Tot Ion:188 Resp: 104275

Ion Ratio Lower Upper

188 100

94 9.1 8.0 12.0

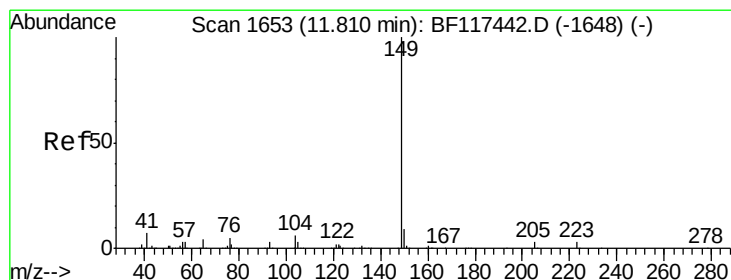
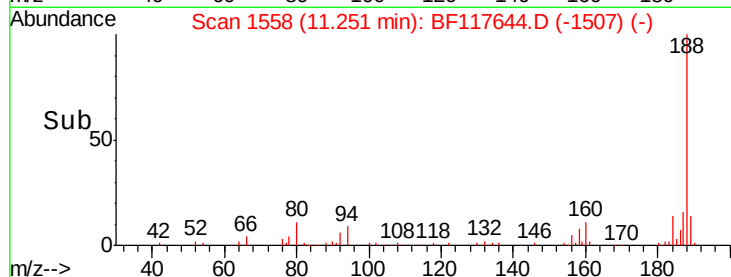
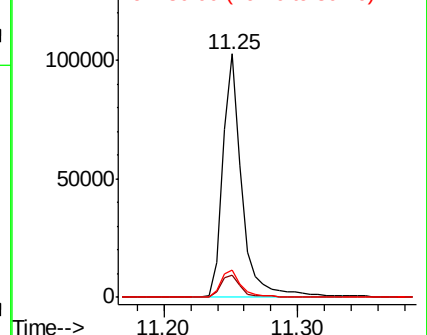
80 11.5 9.5 14.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#74

Di-n-butylphthalate

Concen: 4.758 ng

RT: 11.80 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BF117644.D

Acq: 31 Oct 2019 4:27

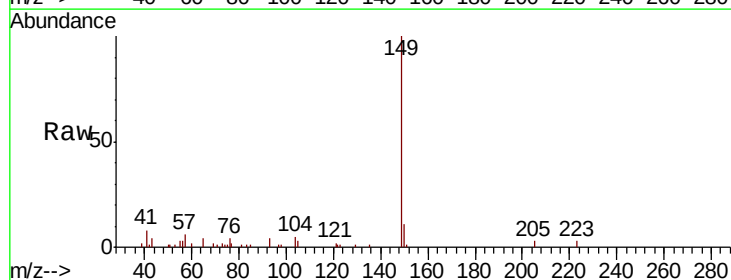
Tgt Ion:149 Resp: 36097

Ion Ratio Lower Upper

149 100

150 10.6 7.5 11.3

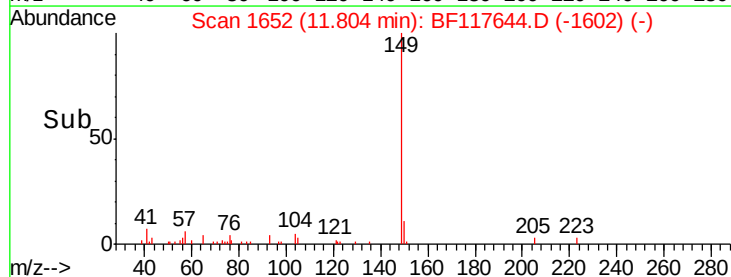
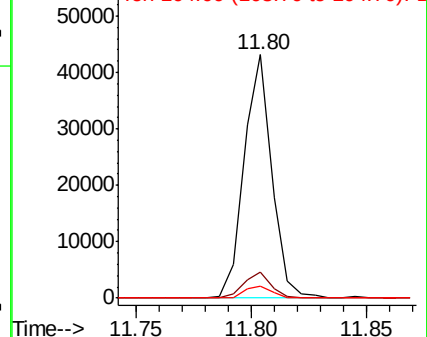
104 4.7 4.6 6.8

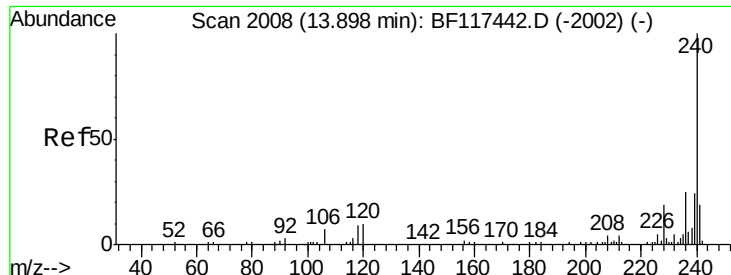


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

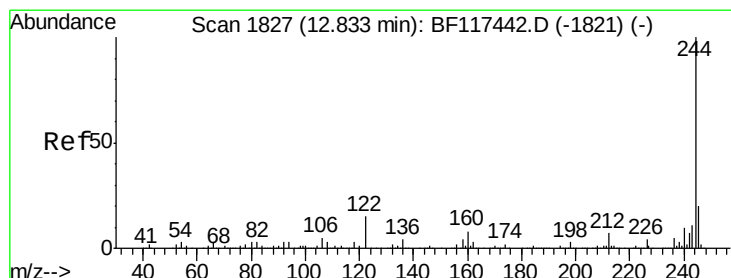
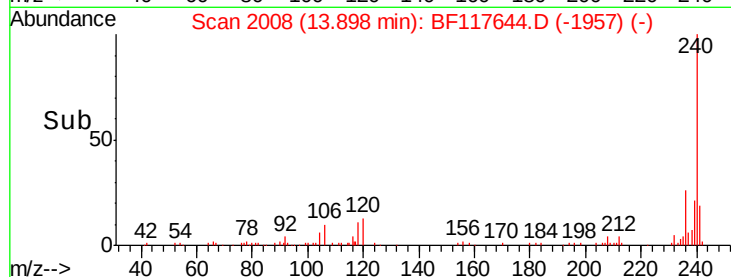
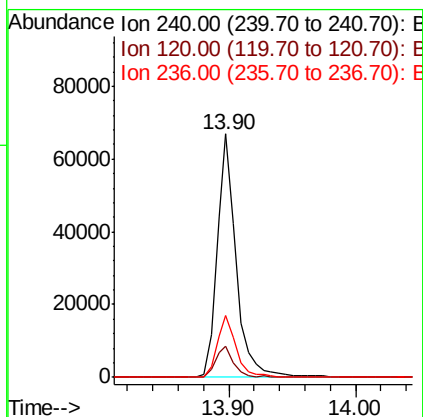
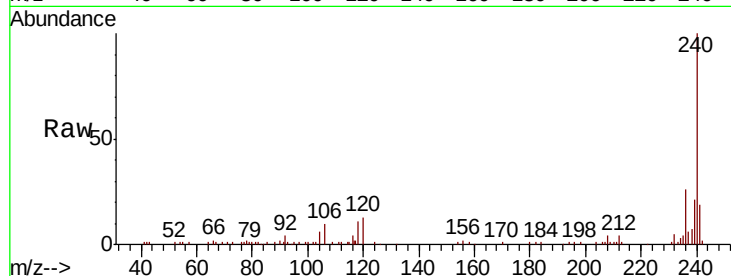




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BF117644.D
 Acq: 31 Oct 2019 4:27

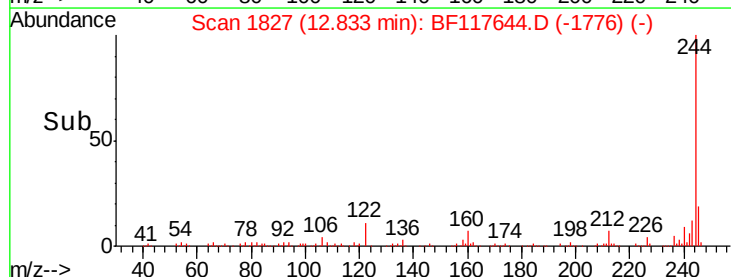
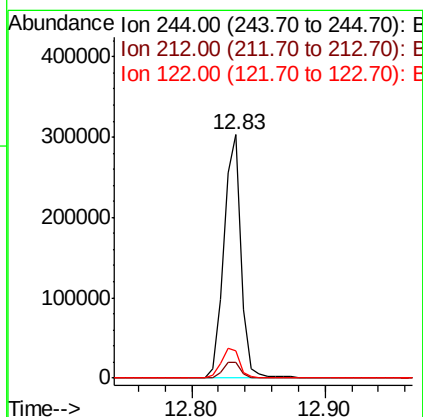
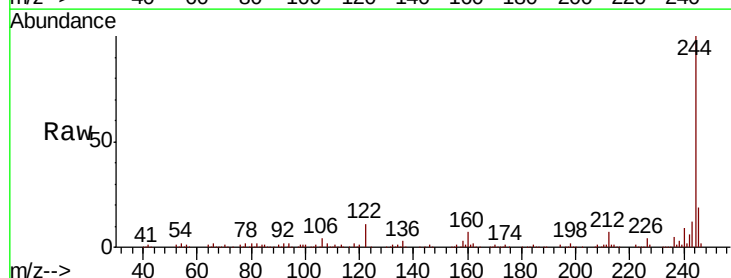
Instrument :
 BNA_F
 ClientSampled :
 OB-722

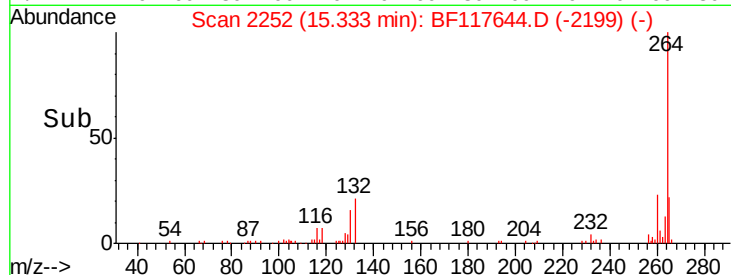
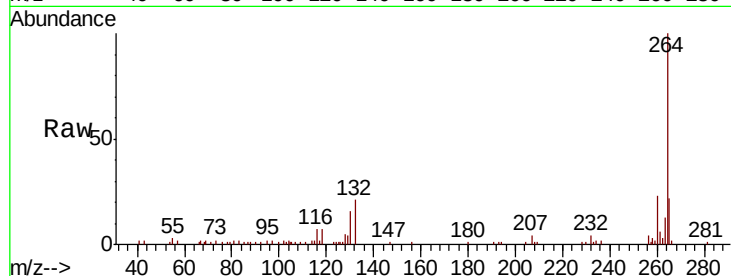
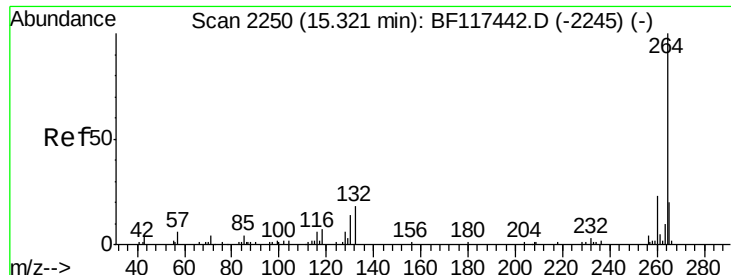
Tot Ion:240 Resp: 70272
 Ion Ratio Lower Upper
 240 100
 120 12.7 8.4 12.6#
 236 25.6 20.0 30.0



#79
 Terphenyl-d14
 Concen: 64.365 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF117644.D
 Acq: 31 Oct 2019 4:27

Tgt Ion:244 Resp: 277297
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.6
 122 11.4 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: BF117644.D
 Acq: 31 Oct 2019 4:27

Instrument :
 BNA_F
 ClientSampleId :
 OB-722

Tot Ion:	264	Resp:	64135
Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.4	27.6
265	21.8	16.1	24.1

