

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
 Data File : BF117666.D
 Acq On : 31 Oct 2019 18:52
 Operator : JU
 Sample : K5583-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OB-722

Quant Time: Nov 01 02:02:25 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

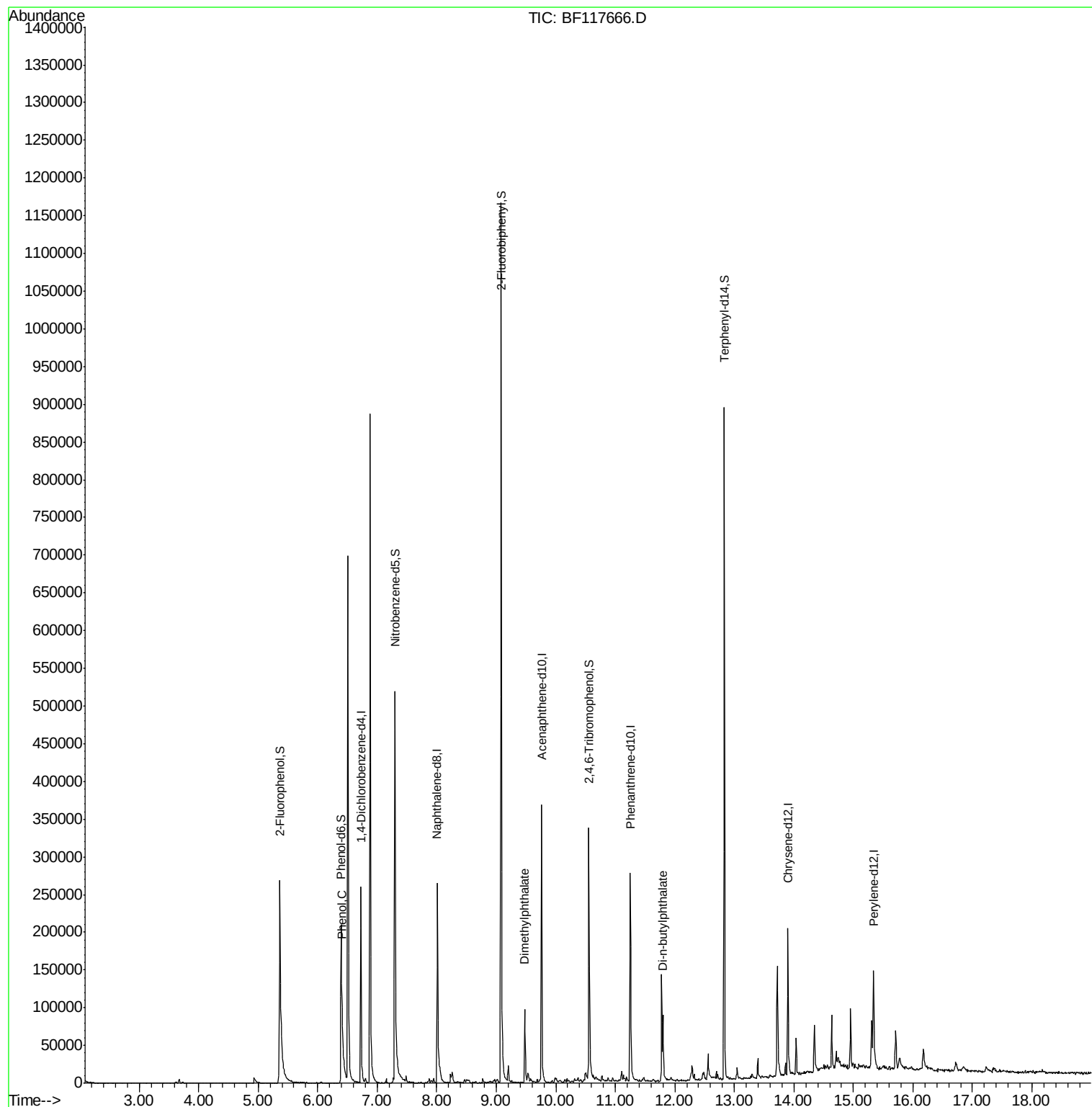
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	43762	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	172015	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	81977	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	111477	20.00	ng	0.00
76) Chrysene-d12	13.90	240	72276	20.00	ng	0.00
87) Perylene-d12	15.34	264	68906	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	140288	47.69	ng	0.01
7) Phenol-d6	6.39	99	139297	35.26	ng	0.01
23) Nitrobenzene-d5	7.30	82	257342	73.86	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	42293	59.63	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	420182	72.22	ng	-0.01
79) Terphenyl-d14	12.83	244	292723	66.06	ng	0.00
Target Compounds						
10) Phenol	6.41	94	13811	3.425	ng	90
50) Dimethylphthalate	9.48	163	45608	7.804	ng	98
74) Di-n-butylphthalate	11.80	149	38530	4.751	ng	99

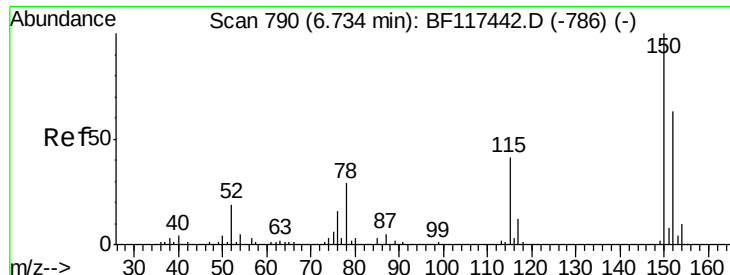
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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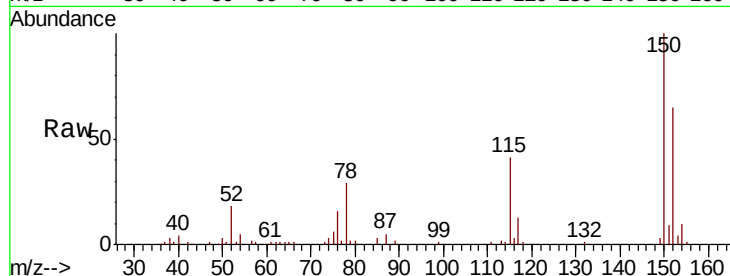


#1

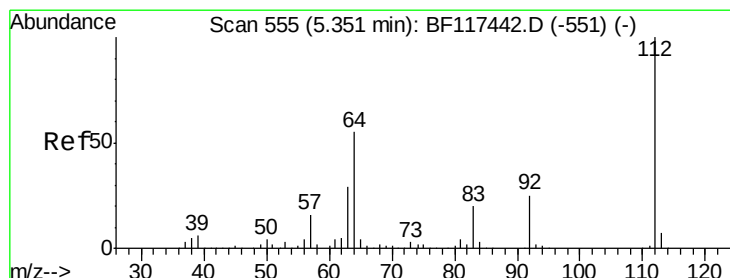
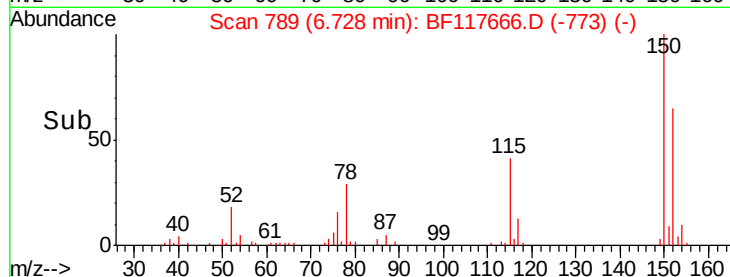
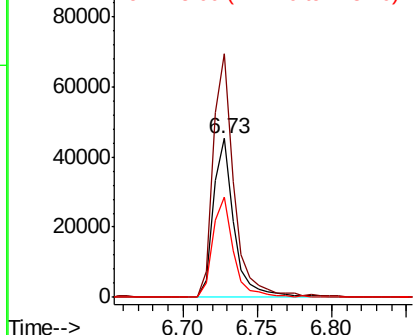
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF117666.D
 Acq: 31 Oct 2019 18:52

Instrument :
 BNA_F
 ClientSampleId :
 OB-722

Tot Ion:152 Resp: 43762
 Ion Ratio Lower Upper
 152 100
 150 153.1 126.8 190.2
 115 63.3 51.6 77.4



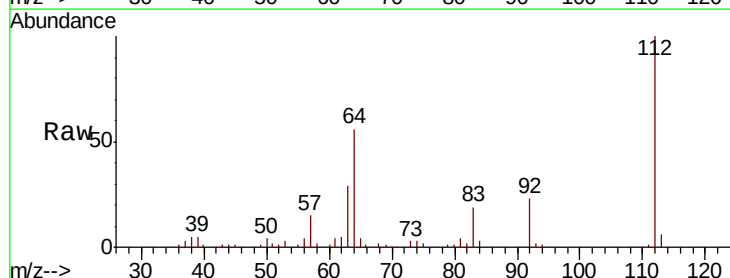
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



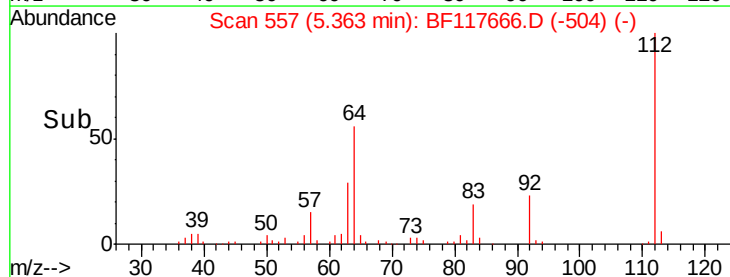
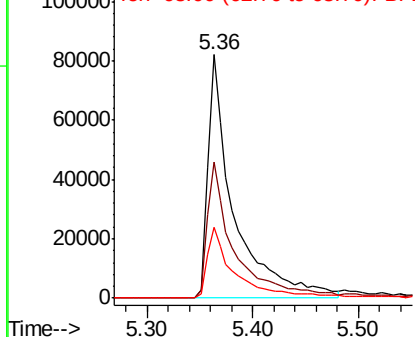
#5

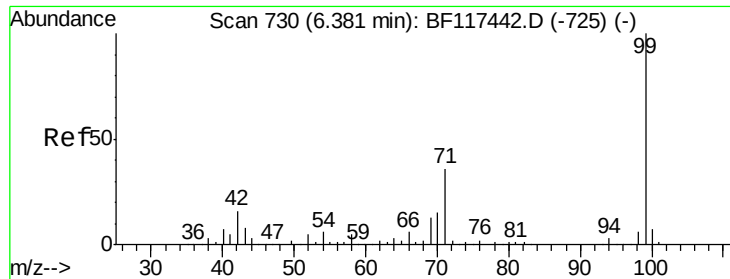
2-Fluorophenol
 Concen: 47.691 ng
 RT: 5.36 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: BF117666.D
 Acq: 31 Oct 2019 18:52

Tgt Ion:112 Resp: 140288
 Ion Ratio Lower Upper
 112 100
 64 55.9 44.1 66.1
 63 29.2 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: 35.257 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF117666.D

Acq: 31 Oct 2019 18:52

Instrument :

BNA_F

ClientSampleId :

OB-722

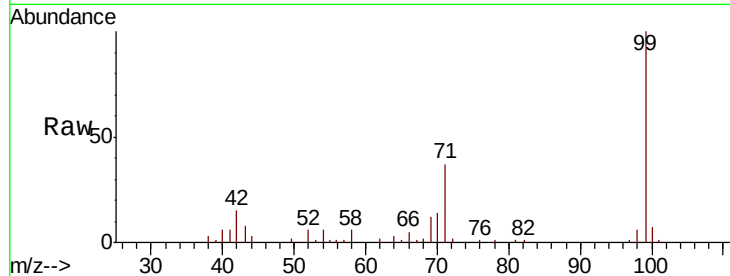
Tot Ion: 99 Resp: 139297

Ion Ratio Lower Upper

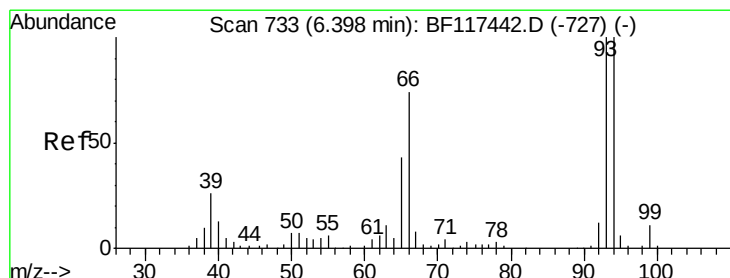
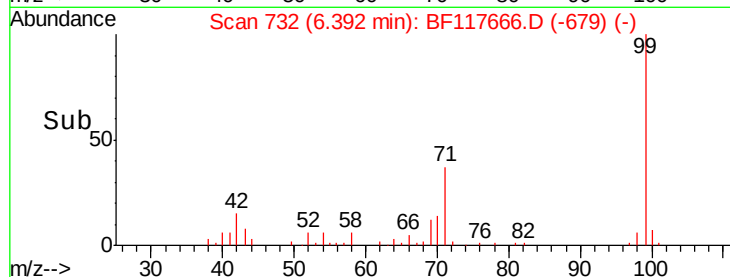
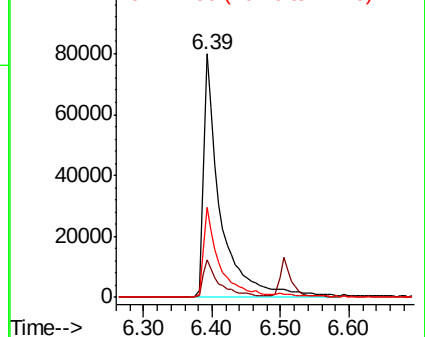
99 100

42 15.3 12.8 19.2

71 37.2 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



#10

Phenol

Concen: 3.425 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF117666.D

Acq: 31 Oct 2019 18:52

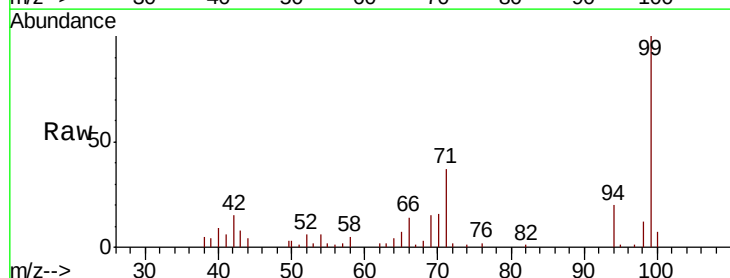
Tgt Ion: 94 Resp: 13811

Ion Ratio Lower Upper

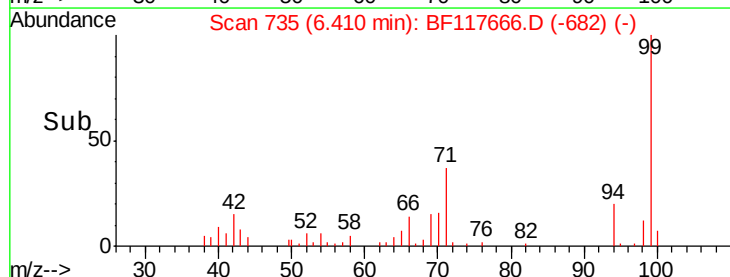
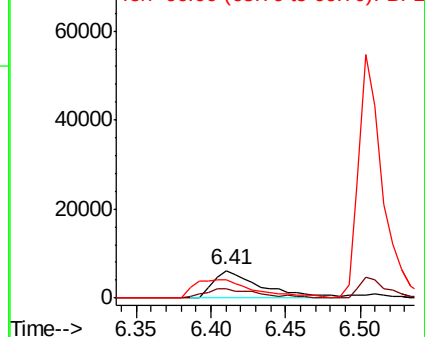
94 100

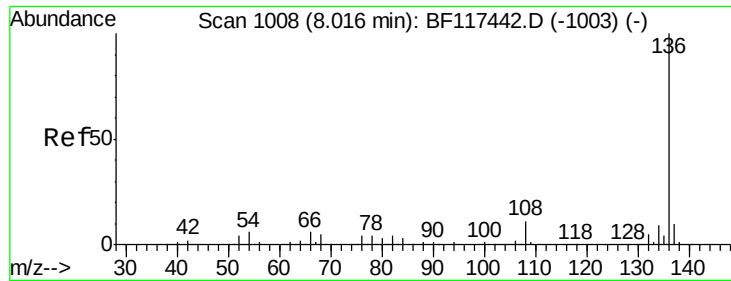
65 34.2 23.4 63.4

66 69.0 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

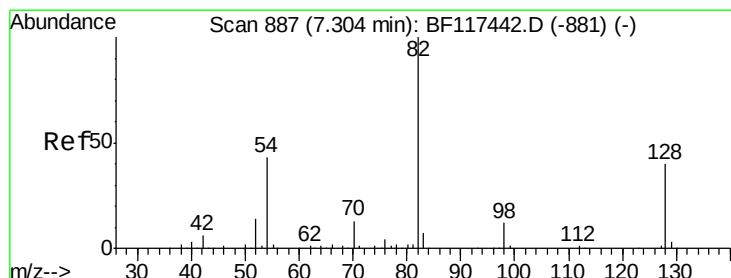
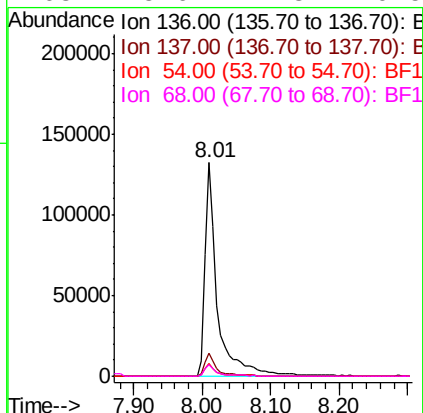
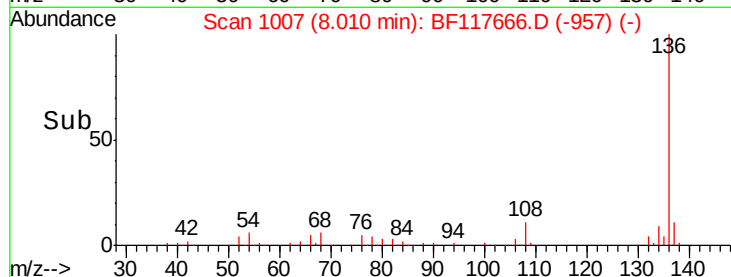
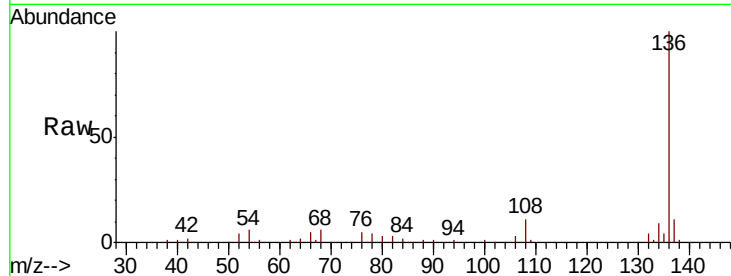




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117666.D
Acq: 31 Oct 2019 18:52

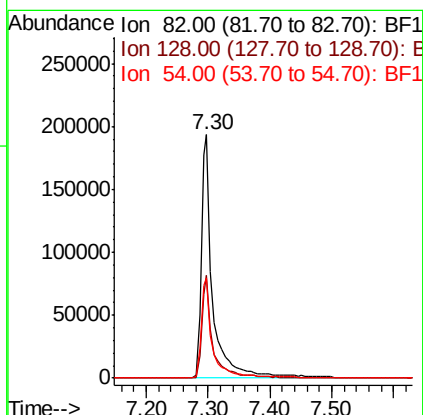
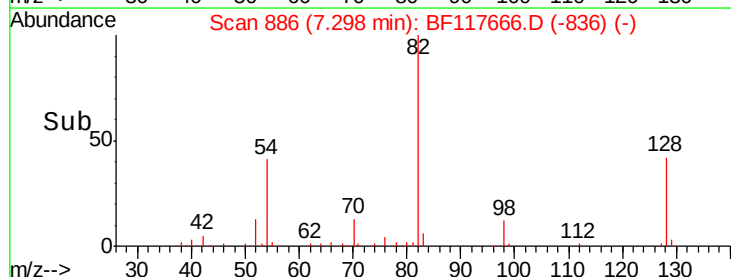
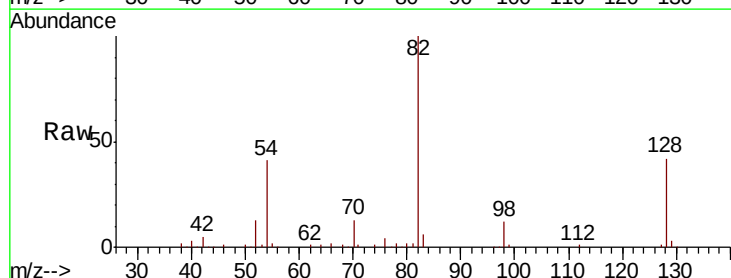
Instrument :
BNA_F
ClientSampleId :
OB-722

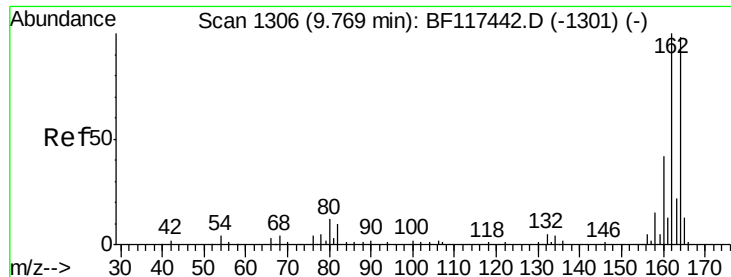
Tot Ion:	136	Resp:	172015
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.2	12.4
54	6.2	4.5	6.7
68	5.6	4.3	6.5



#23
Nitrobenzene-d5
Concen: 73.857 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117666.D
Acq: 31 Oct 2019 18:52

Tgt Ion:	82	Resp:	257342
Ion	Ratio	Lower	Upper
82	100		
128	42.2	32.2	48.2
54	41.0	34.2	51.2

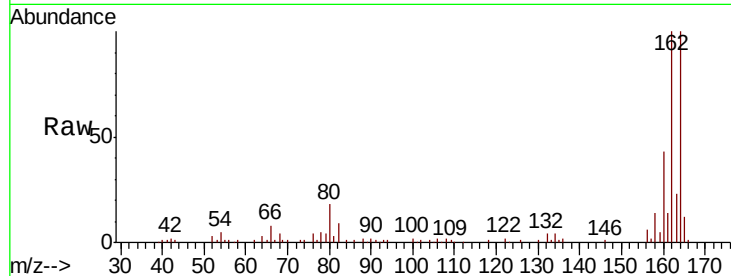




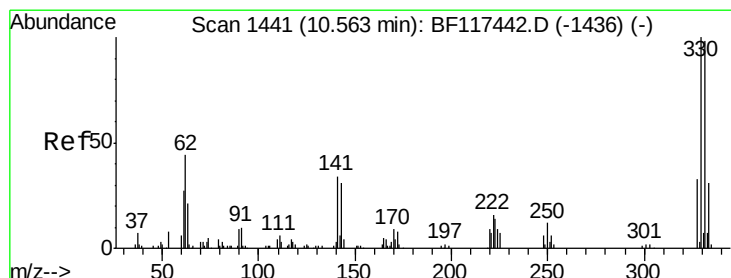
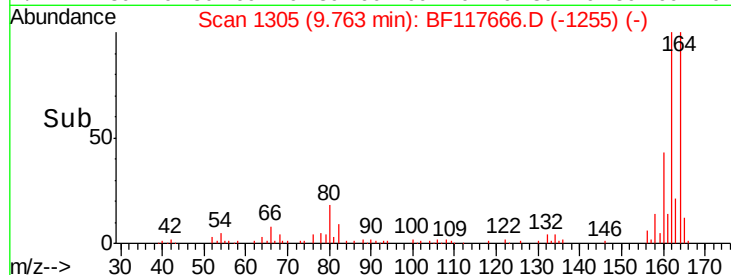
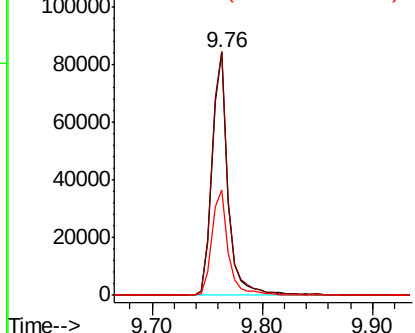
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF117666.D
 Acq: 31 Oct 2019 18:52

Instrument :
 BNA_F
 ClientSampleId :
 OB-722

Tot Ion:164 Resp: 81977
 Ion Ratio Lower Upper
 164 100
 162 99.8 81.8 122.6
 160 43.3 34.4 51.6

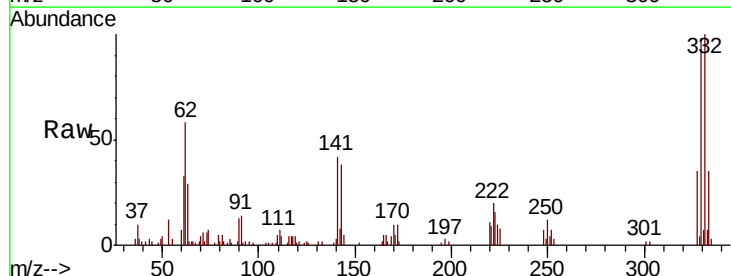


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

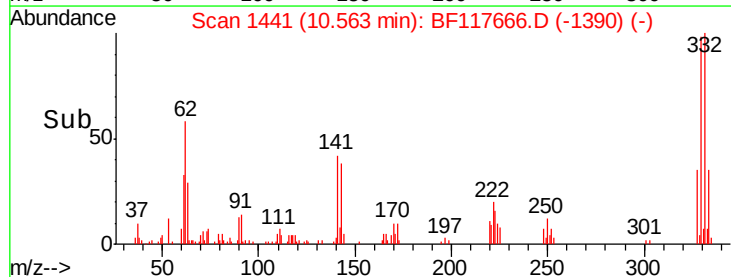
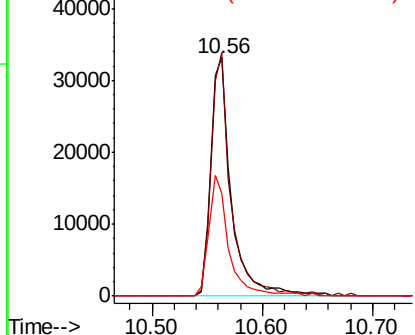


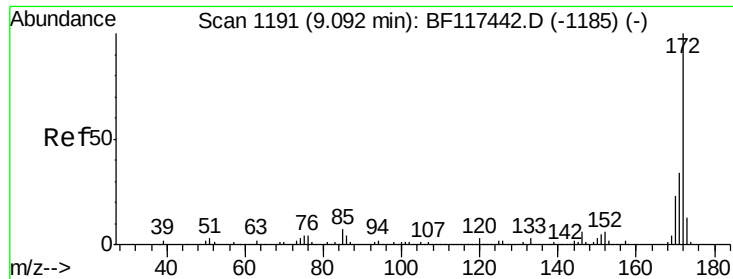
#42
 2,4,6-Tribromophenol
 Concen: 59.625 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: BF117666.D
 Acq: 31 Oct 2019 18:52

Tgt Ion:330 Resp: 42293
 Ion Ratio Lower Upper
 330 100
 332 97.8 78.5 117.7
 141 48.9 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

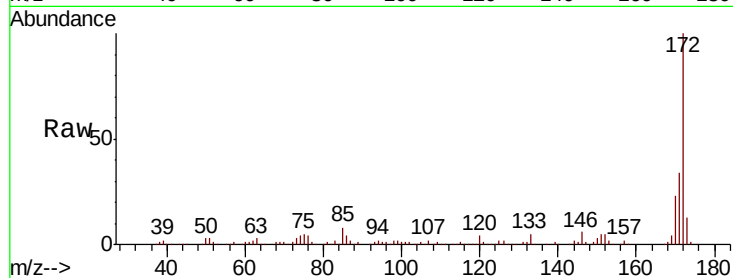




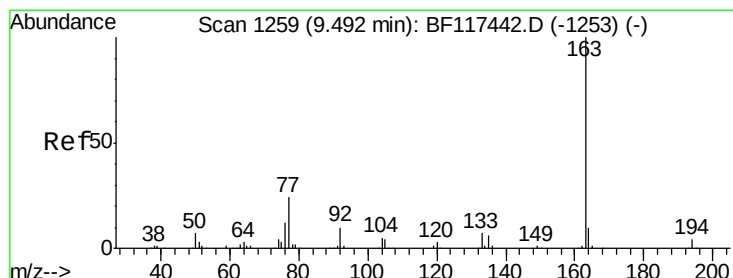
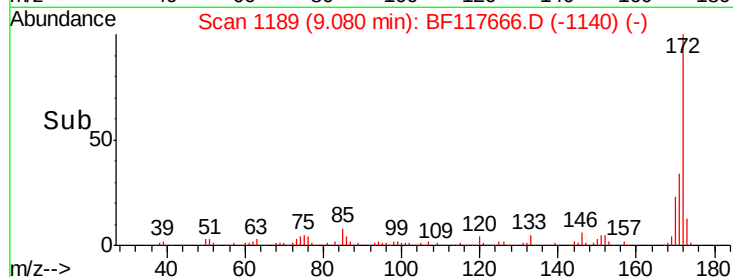
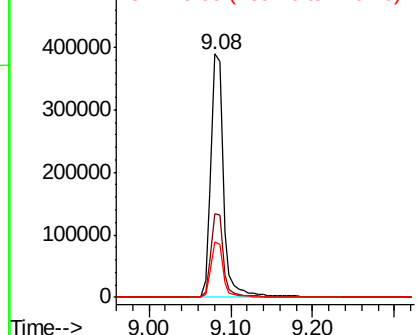
#45
2-Fluorobiphenyl
Concen: 72.219 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117666.D
Acq: 31 Oct 2019 18:52

Instrument :
BNA_F
ClientSampled :
OB-722

Tot Ion:172 Resp: 420182
Ion Ratio Lower Upper
172 100
171 34.3 27.5 41.3
170 22.6 18.6 27.8

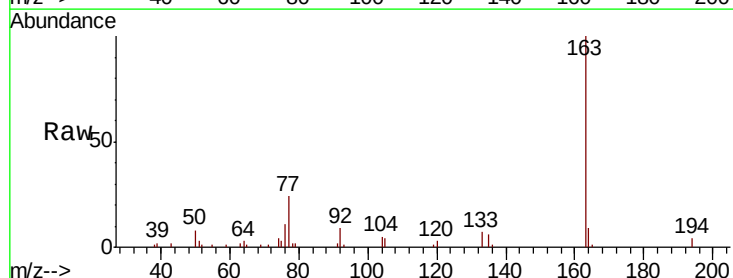


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

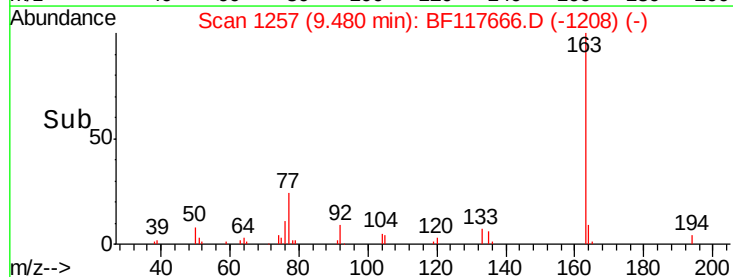
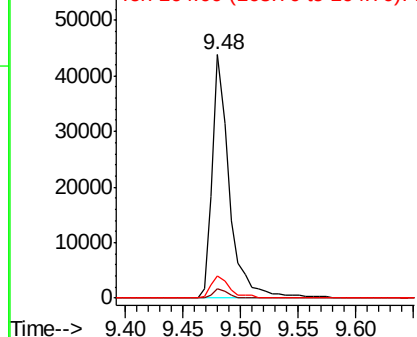


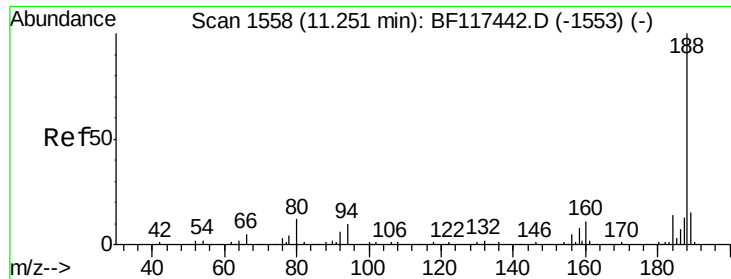
#50
Dimethylphthalate
Concen: 7.804 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117666.D
Acq: 31 Oct 2019 18:52

Tgt Ion:163 Resp: 45608
Ion Ratio Lower Upper
163 100
194 3.6 2.9 4.3
164 9.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

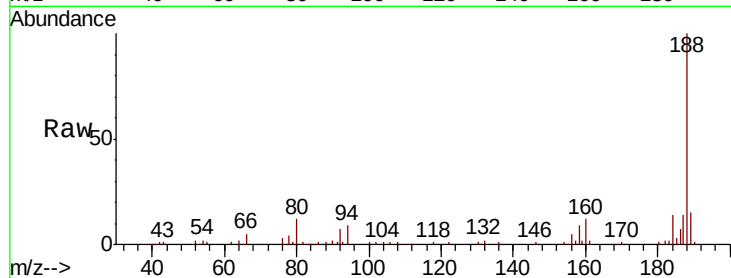




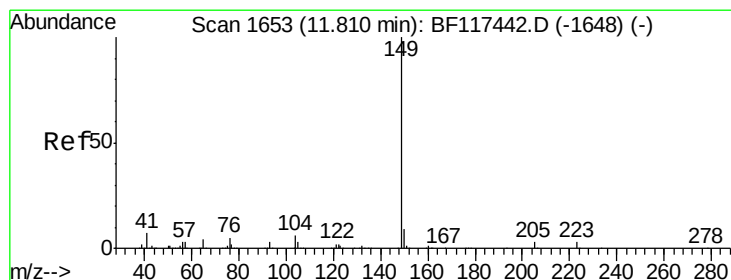
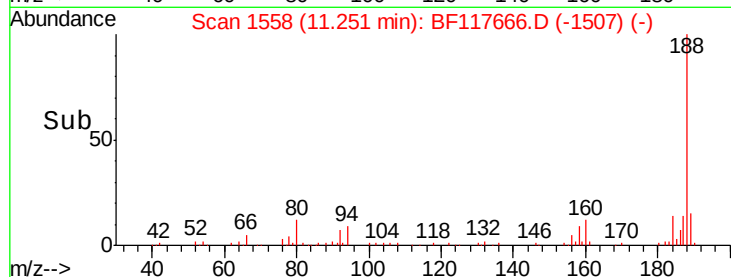
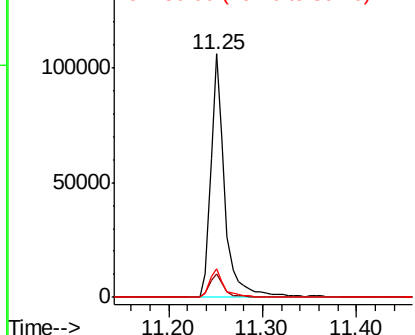
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117666.D
Acq: 31 Oct 2019 18:52

Instrument :
BNA_F
ClientSampled :
OB-722

Tot Ion:188 Resp: 111477
Ion Ratio Lower Upper
188 100
94 9.4 8.0 12.0
80 11.9 9.5 14.3

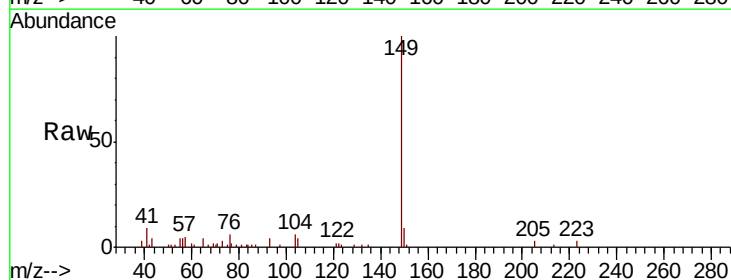


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

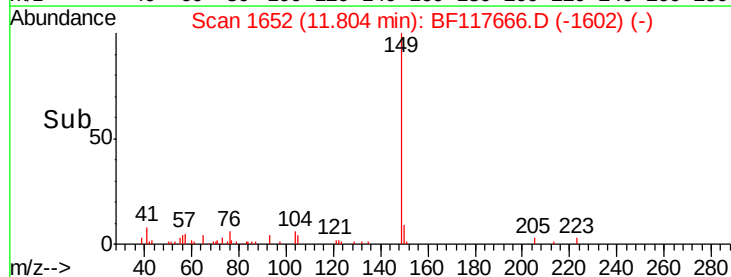
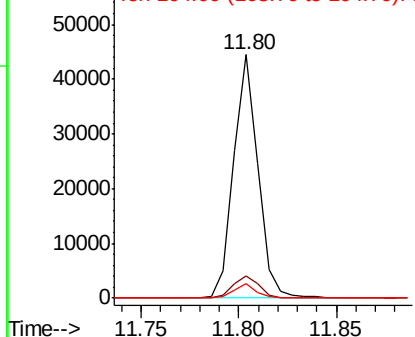


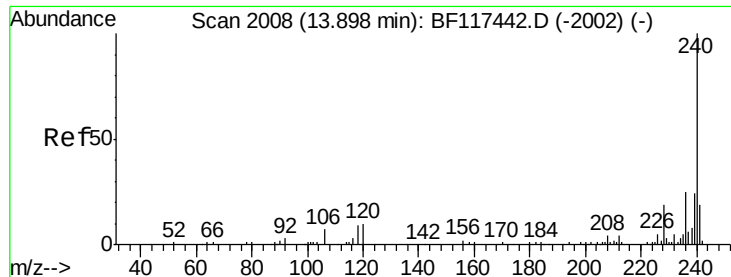
#74
Di-n-butylphthalate
Concen: 4.751 ng
RT: 11.80 min Scan# 1652
Delta R.T. -0.01 min
Lab File: BF117666.D
Acq: 31 Oct 2019 18:52

Tgt Ion:149 Resp: 38530
Ion Ratio Lower Upper
149 100
150 8.9 7.5 11.3
104 5.9 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

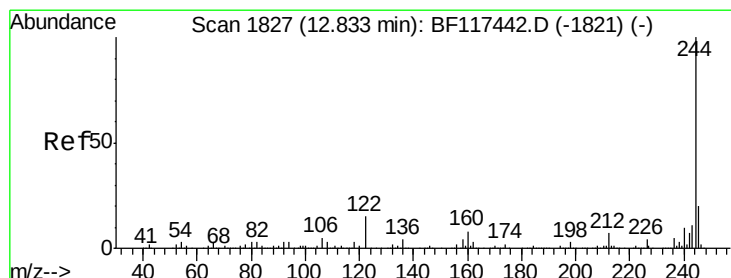
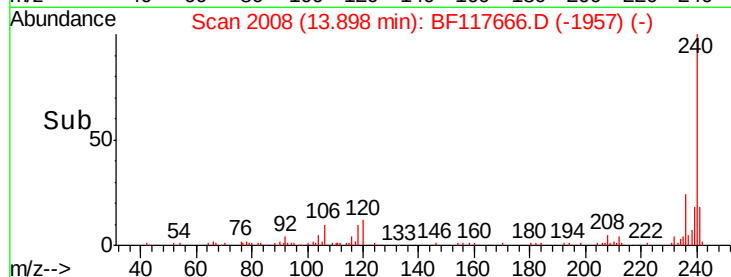
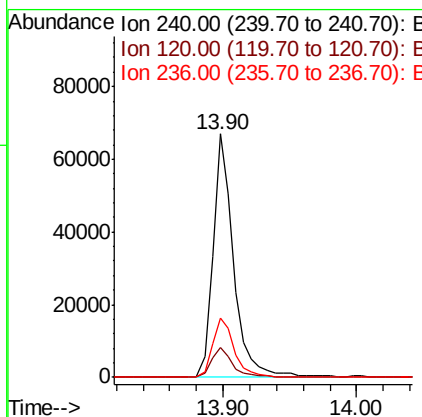
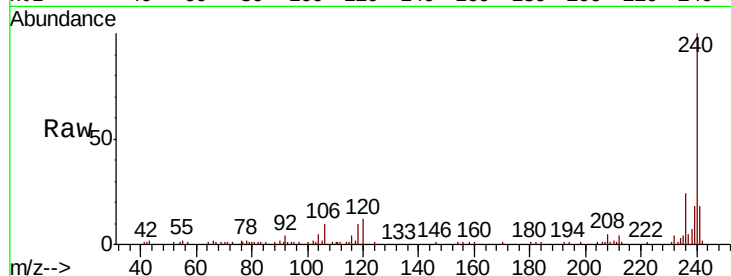




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BF117666.D
 Acq: 31 Oct 2019 18:52

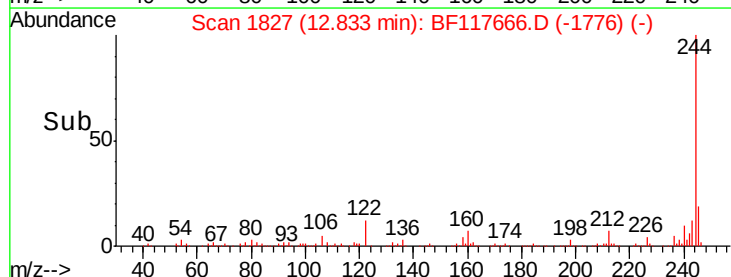
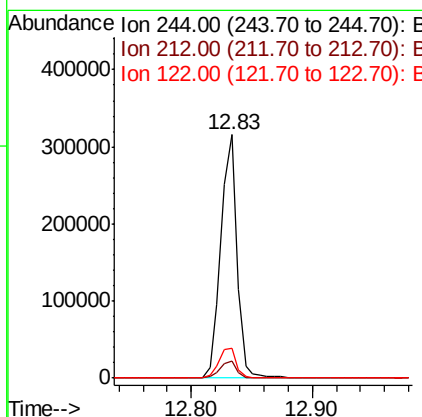
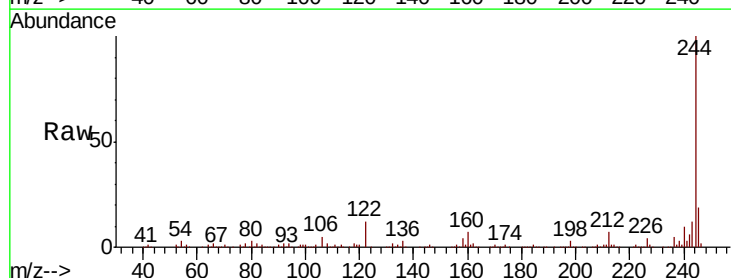
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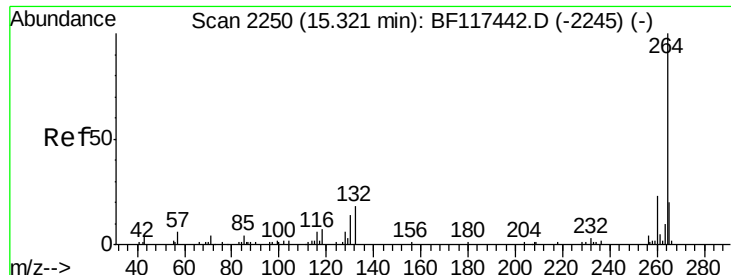
Tot Ion:240 Resp: 72276
 Ion Ratio Lower Upper
 240 100
 120 12.5 8.4 12.6
 236 24.3 20.0 30.0



#79
 Terphenyl-d14
 Concen: 66.061 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF117666.D
 Acq: 31 Oct 2019 18:52

Tgt Ion:244 Resp: 292723
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 12.3 11.8 17.8





#87
Pervlone-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.02 min
Lab File: BF117666.D
Acq: 31 Oct 2019 18:52

Instrument :
BNA_F
ClientSampleId :
OB-722

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.4	27.6
265	19.7	16.1	24.1

