

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 :

Quant Time: Oct 31 07:58:39 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

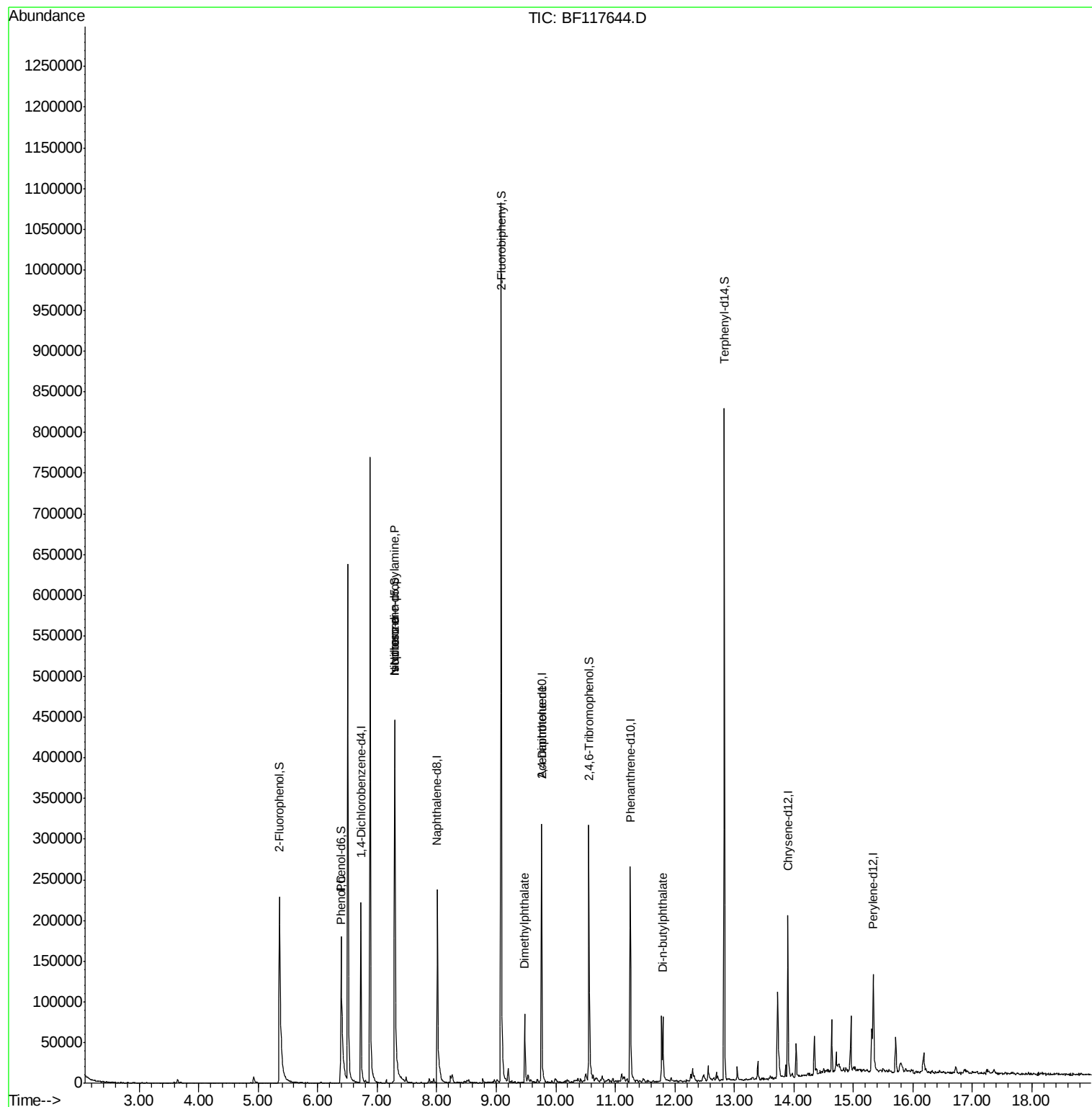
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	37378	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	151320	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	72245	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	104275	20.00	ng	0.00
76) Chrysene-d12	13.90	240	70272	20.00	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						
9) Benzaldehyde	6.50	77	4663	Below Cal		Qvalue 87
10) Phenol	6.40	94	12310	3.574 ng		91
19) n-Nitroso-di-n-propylamine	7.29	70	28150	13.659 ng	#	80
25) Isophorone	7.29	82	219562	41.407 ng	#	65
50) Dimethylphthalate	9.48	163	39378	7.646 ng		98
57) 2,4-Dinitrotoluene	9.76	165	8671	6.068 ng	#	12
74) Di-n-butylphthalate	11.80	149	36097	4.758 ng		97
77) Benzidine	12.83	184	3783	Below Cal	#	92

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

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 :

Quant Time: Oct 31 07:58:39 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



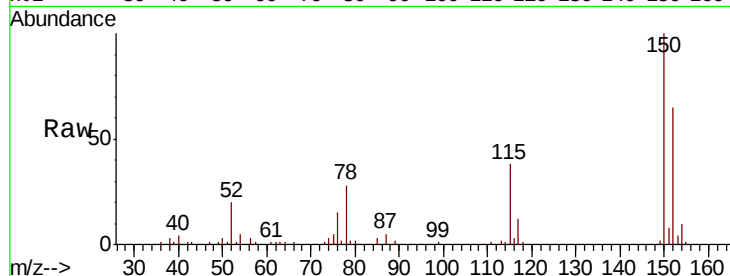


#1

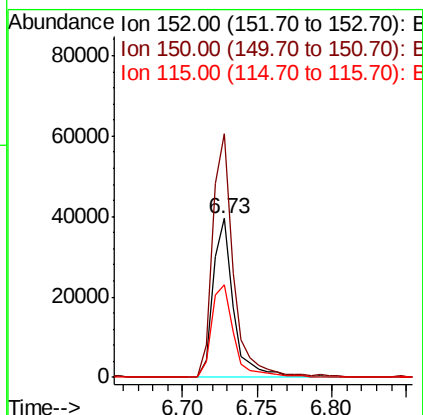
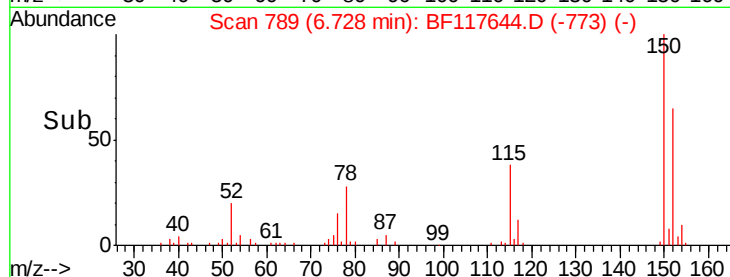
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117644.D
Acq: 31 Oct 2019 4:27

Instrument :
BNA_F
ClientSampleId :

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



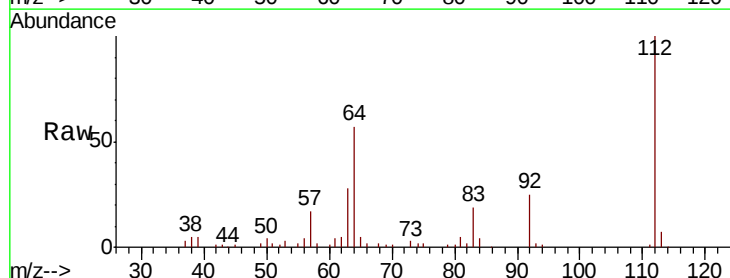
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



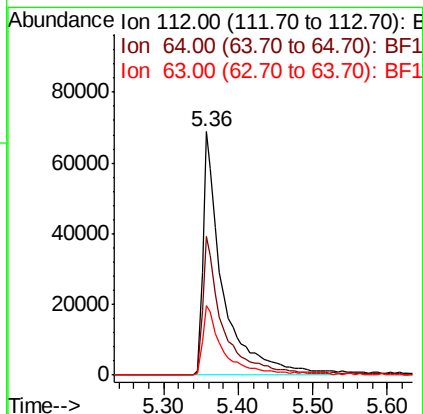
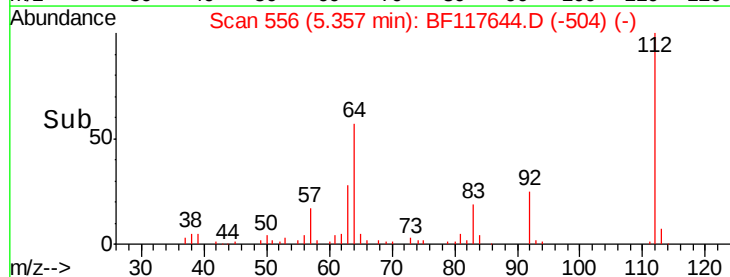
#5

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 :

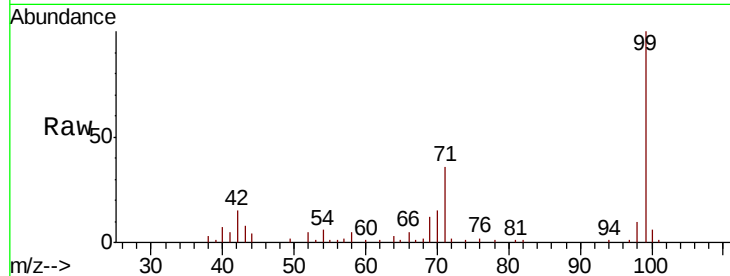
Tot Ion: 99 Resp: 122677

Ion Ratio Lower Upper

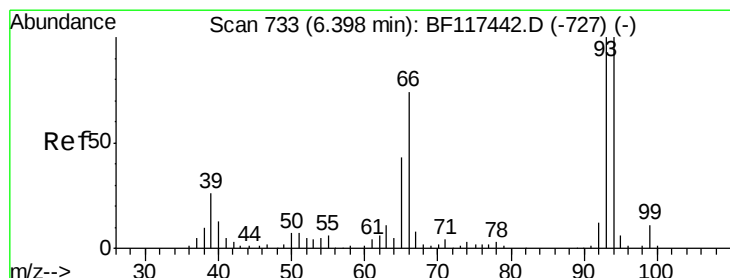
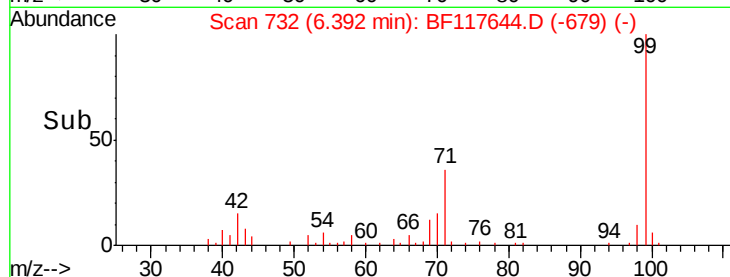
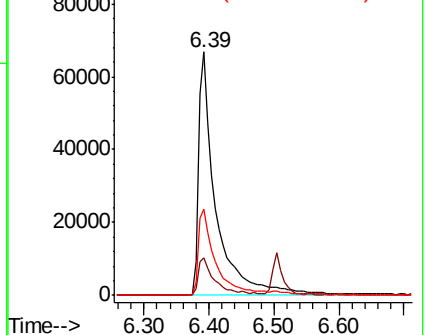
99 100

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

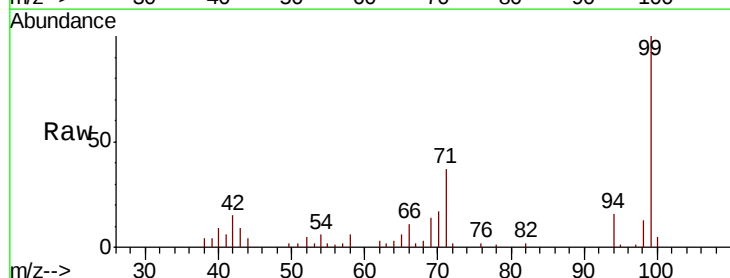
Tgt Ion: 94 Resp: 12310

Ion Ratio Lower Upper

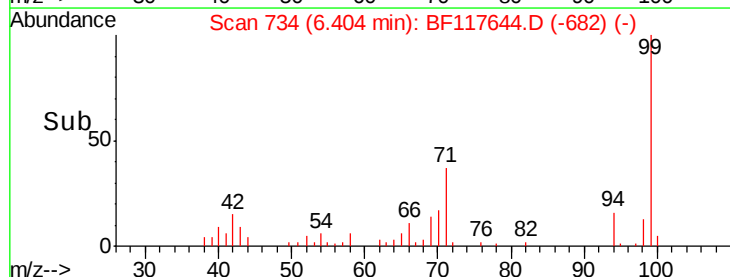
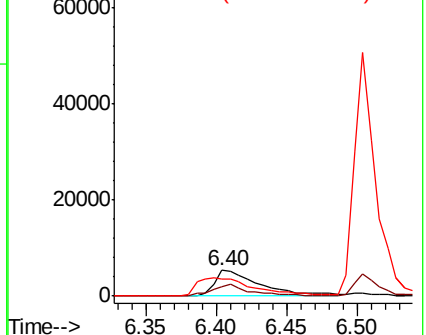
94 100

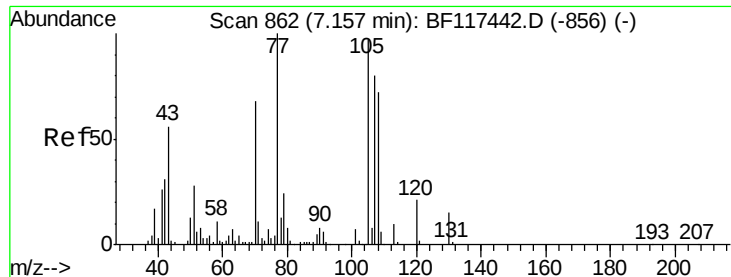
65 37.9 23.4 63.4

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

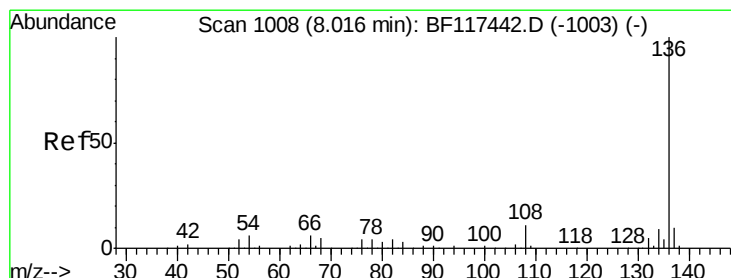
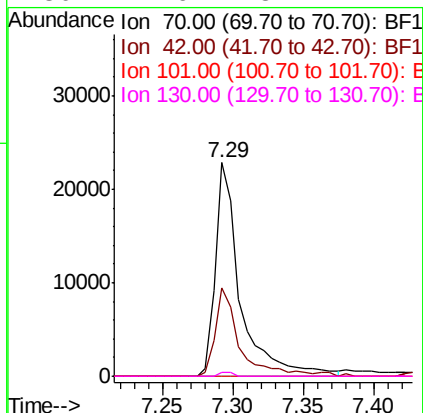
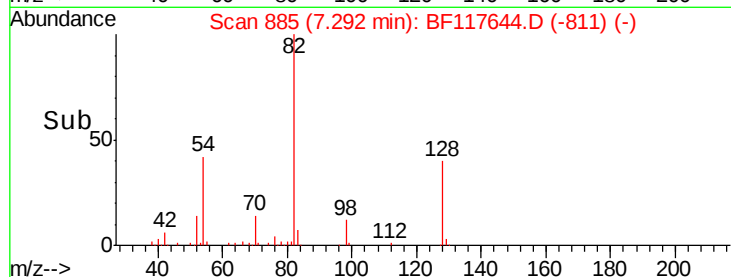
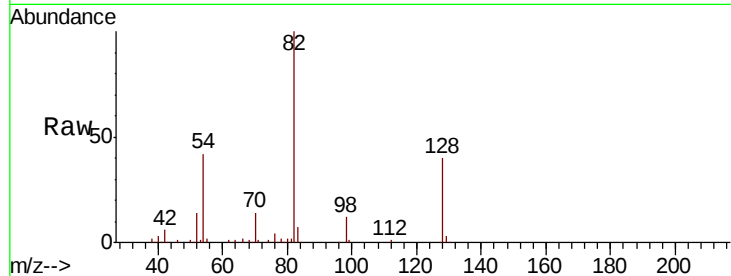




#19
n-Nitroso-di-n-propylamine
Concen: 13.659 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF117644.D
Acq: 31 Oct 2019 4:27

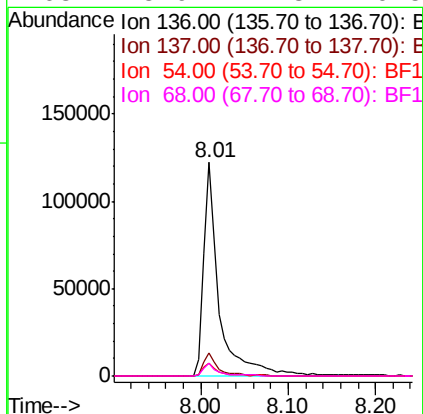
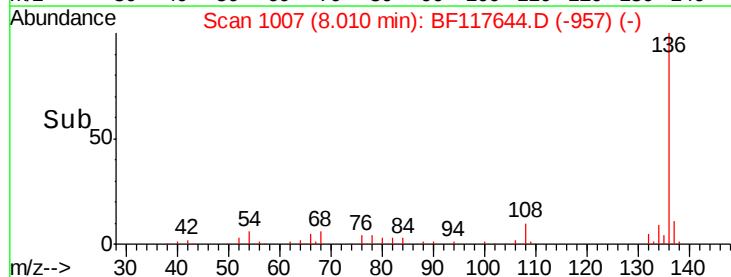
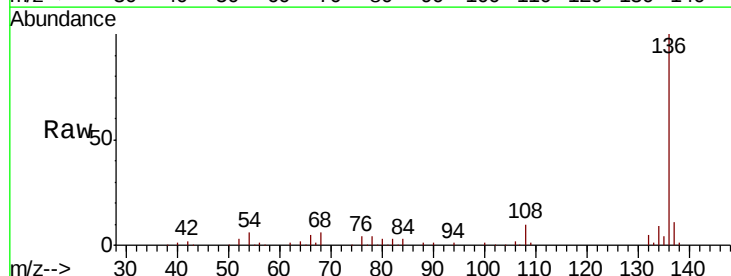
Instrument :
BNA_F
ClientSampleId :

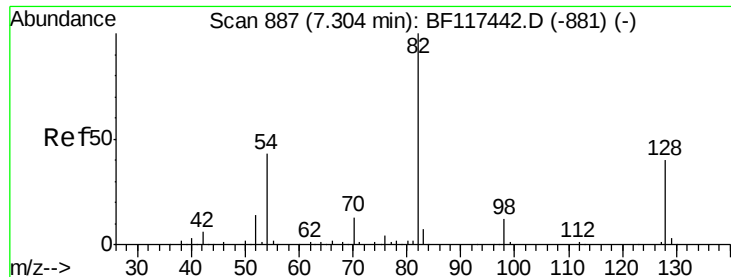
Tot Ion: 70 Resp: 28150
Ion Ratio Lower Upper
70 100
42 41.3 36.7 55.1
101 0.0 8.3 12.5#
130 1.6 18.1 27.1#



#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

Tgt 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

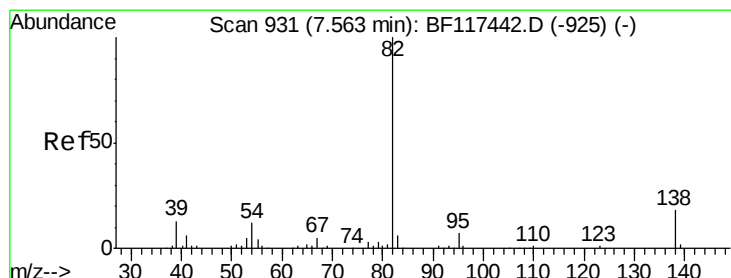
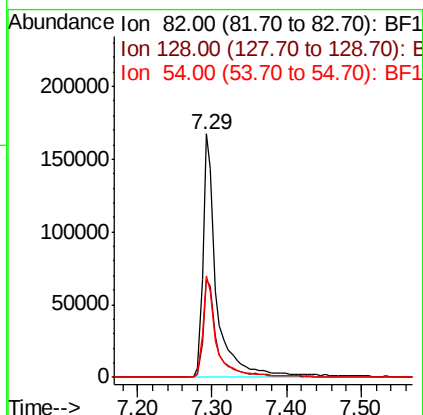
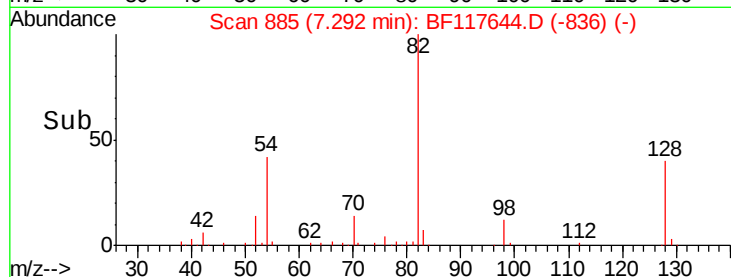
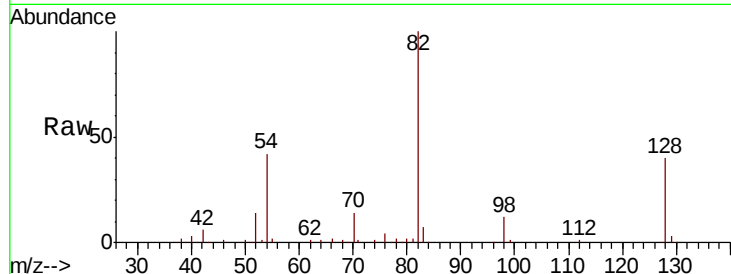




#23
Nitrobenzene-d5
Concen: 71.632 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117644.D
Acq: 31 Oct 2019 4:27

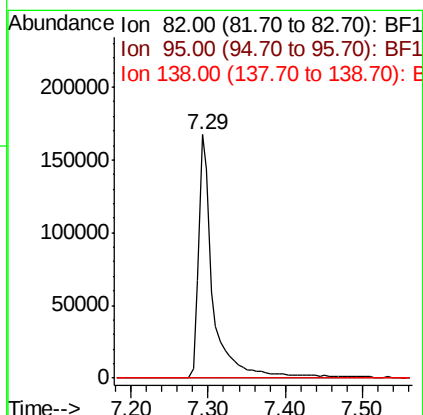
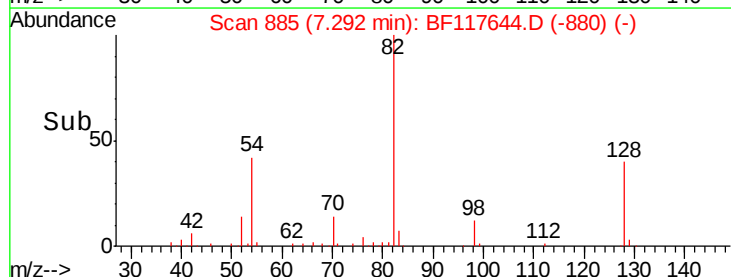
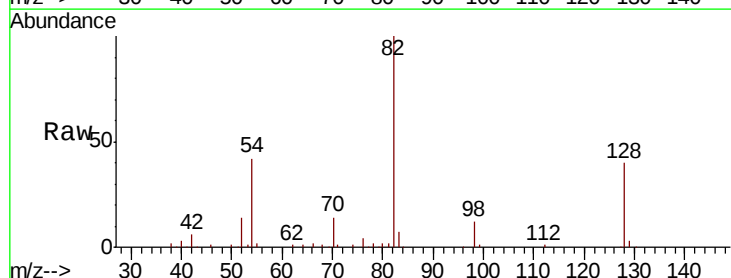
Instrument :
BNA_F
ClientSampleId :

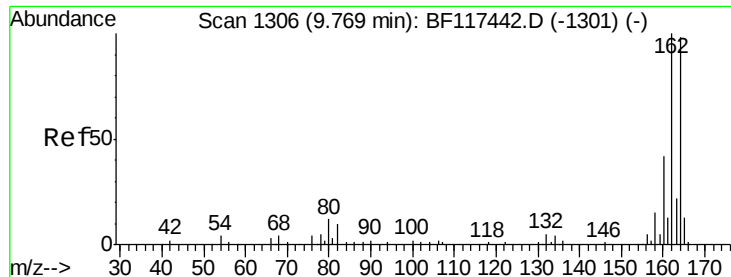
Tot Ion	82	Resp	219564
Ion Ratio	100	Lower	Upper
128	39.9	32.2	48.2
54	41.6	34.2	51.2



#25
Isophorone
Concen: 41.407 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.27 min
Lab File: BF117644.D
Acq: 31 Oct 2019 4:27

Tgt Ion	82	Resp	219562
Ion Ratio	100	Lower	Upper
95	0.0	5.4	8.0#
138	0.0	14.2	21.2#

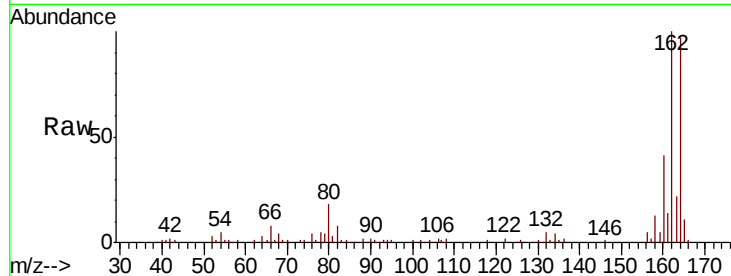




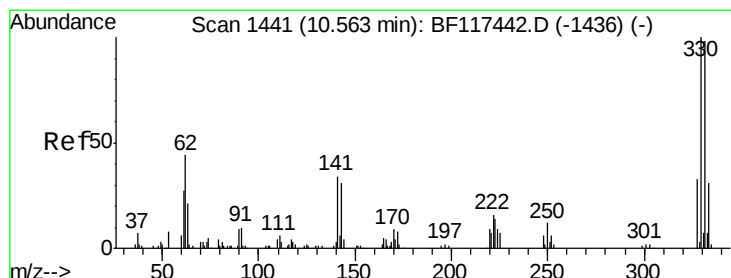
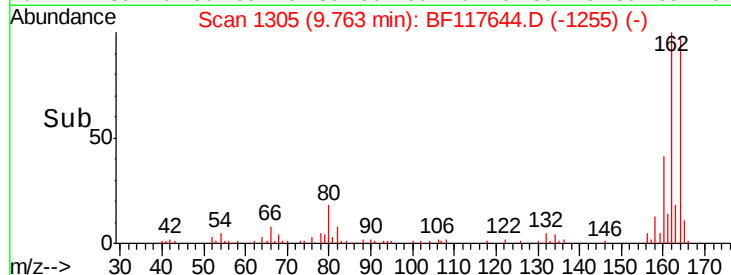
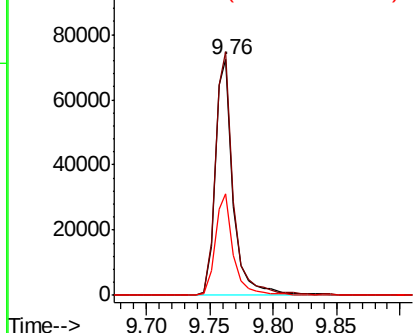
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117644.D
Acq: 31 Oct 2019 4:27

Instrument :
BNA_F
ClientSampleId :

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

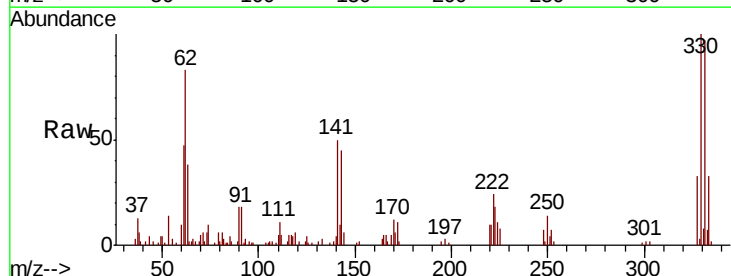


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

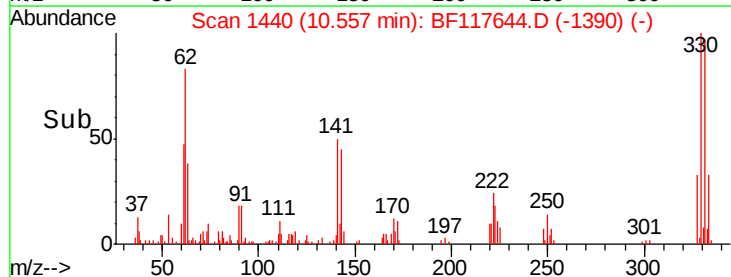
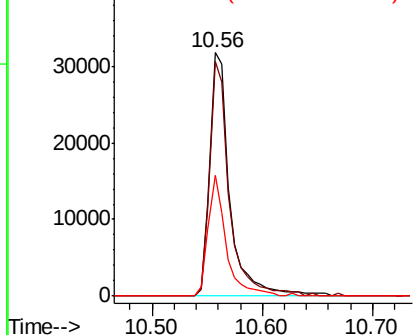


#42
2,4,6-Tribromophenol
Concen: 63.228 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117644.D
Acq: 31 Oct 2019 4:27

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

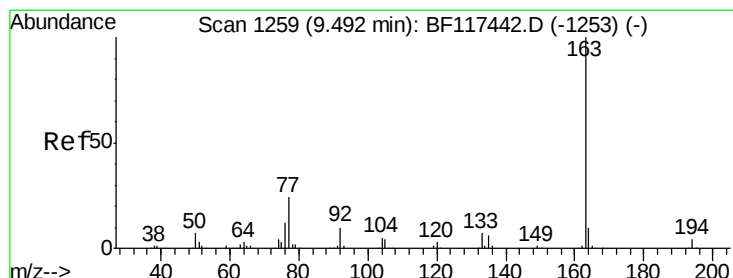
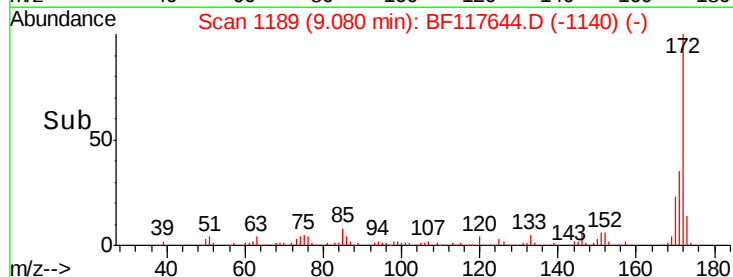
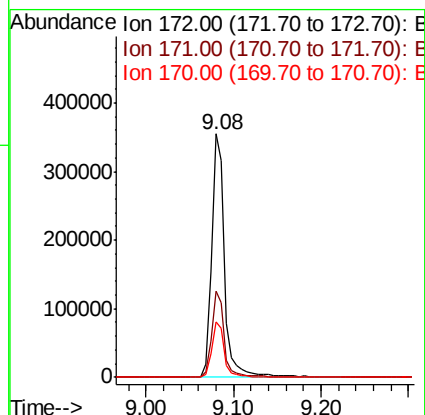
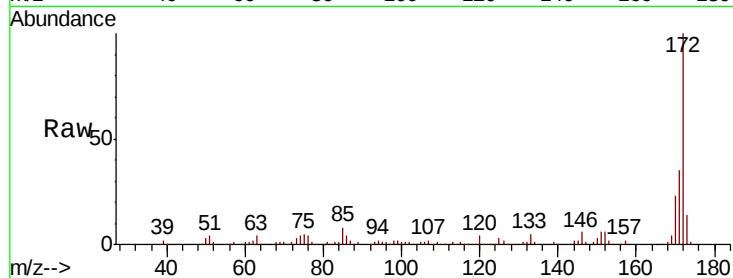




#45
2-Fluorobiphenyl
Concen: 71.042 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117644.D
Acq: 31 Oct 2019 4:27

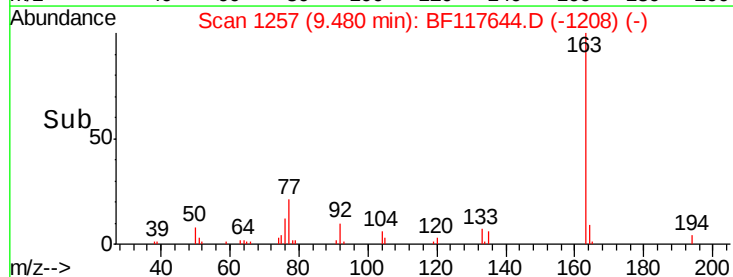
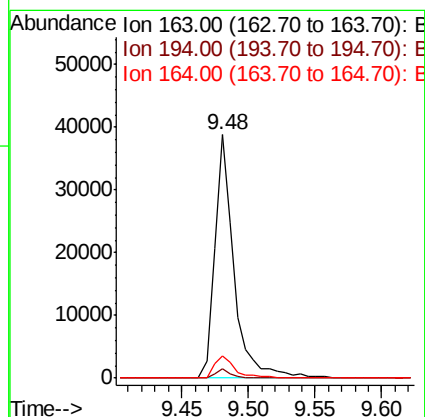
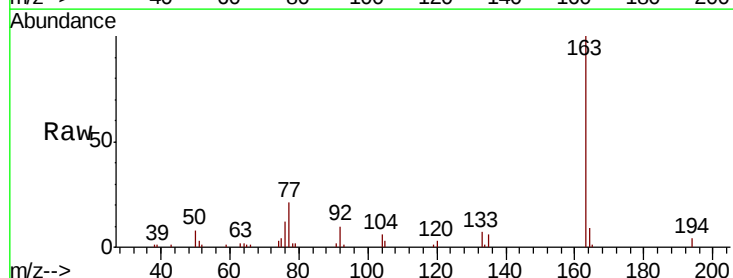
Instrument :
BNA_F
ClientSampleId :

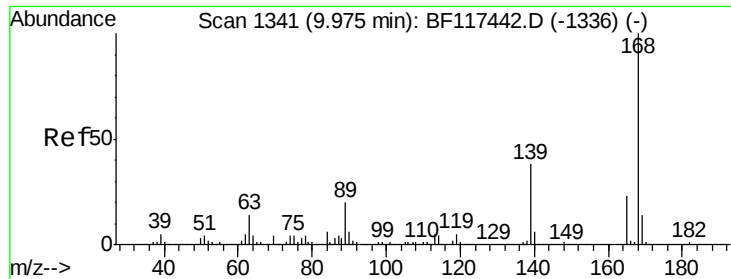
Tot Ion:172 Resp: 364265
Ion Ratio Lower Upper
172 100
171 35.3 27.5 41.3
170 23.0 18.6 27.8



#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

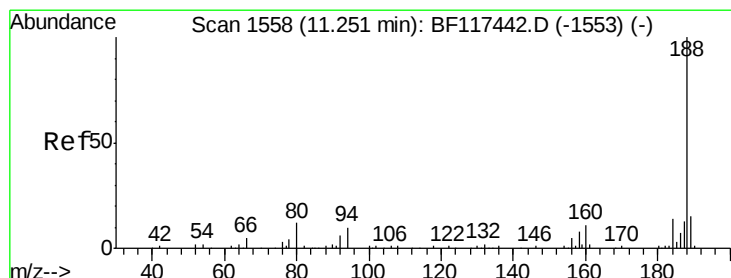
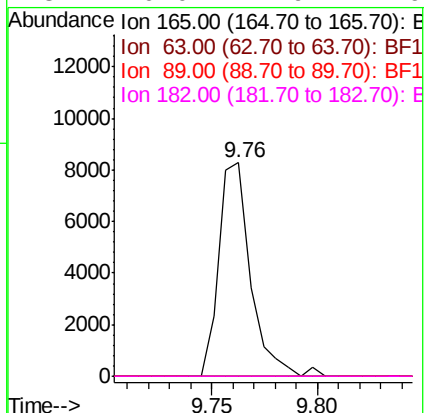
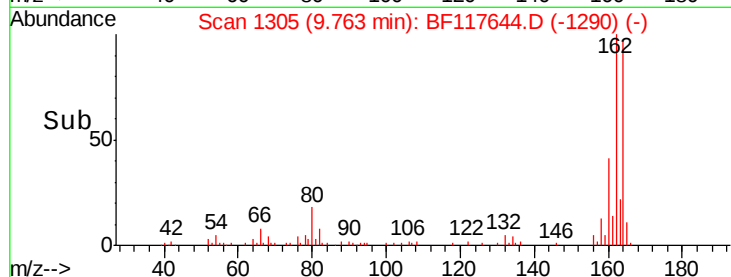
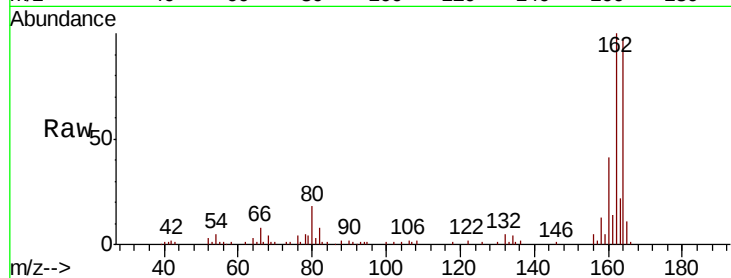




#57
 2,4-Dinitrotoluene
 Concen: 6.068 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.21 min
 Lab File: BF117644.D
 Acq: 31 Oct 2019 4:27

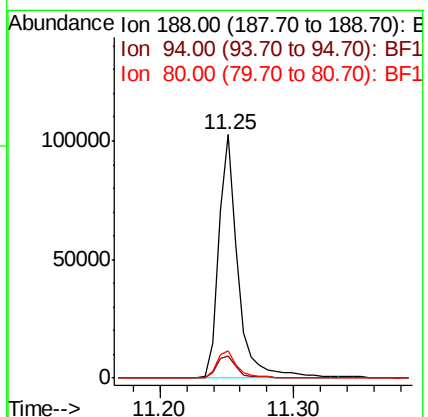
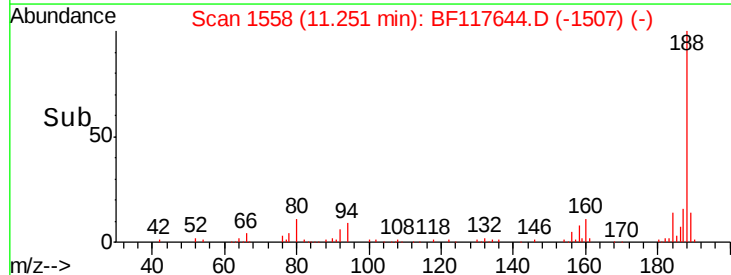
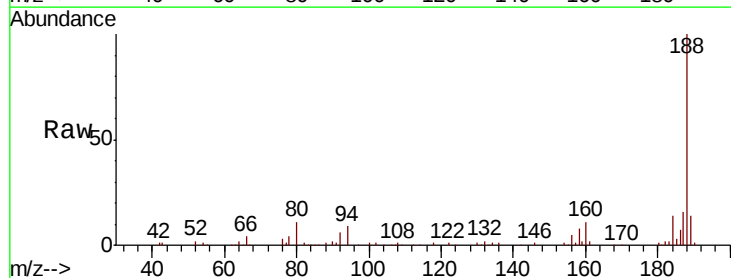
Instrument :
 BNA_F
 ClientSampleId :

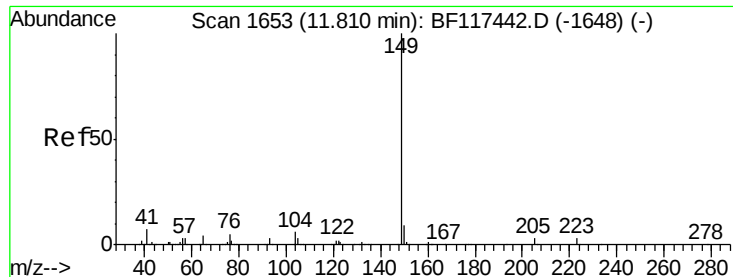
Tot Ion:165 Resp: 8671
 Ion Ratio Lower Upper
 165 100
 63 0.0 51.4 77.0#
 89 0.0 69.9 104.9#
 182 0.0 1.9 2.9#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: BF117644.D
 Acq: 31 Oct 2019 4:27

Tgt Ion:188 Resp: 104275
 Ion Ratio Lower Upper
 188 100
 94 9.1 8.0 12.0
 80 11.5 9.5 14.3

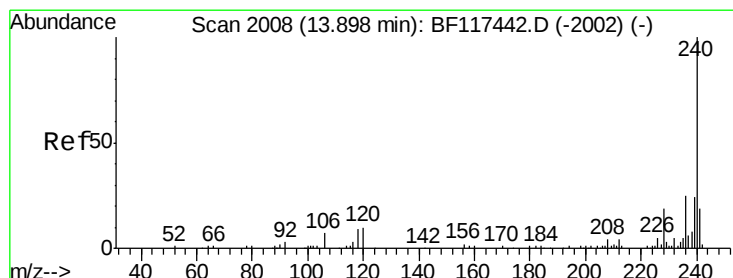
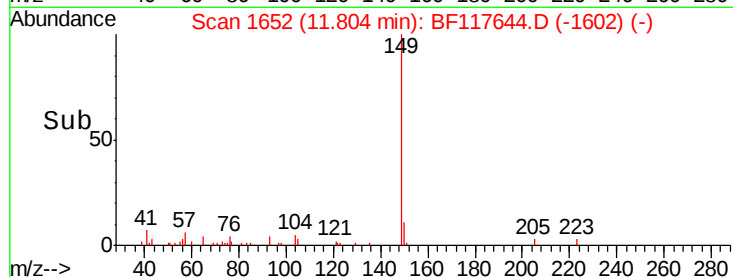
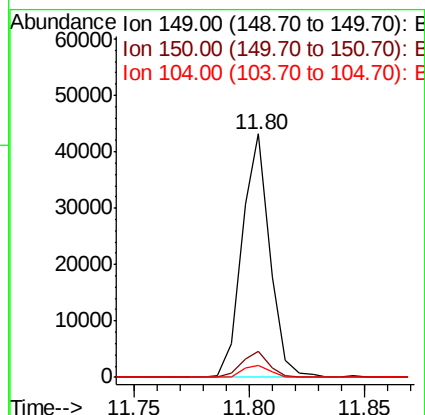
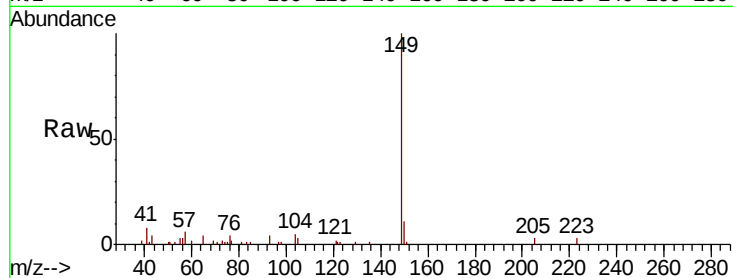




#74
Di-n-butylphthalate
Concen: 4.758 ng
RT: 11.80 min Scan# 1652
Delta R.T. -0.01 min
Lab File: BF117644.D
Acq: 31 Oct 2019 4:27

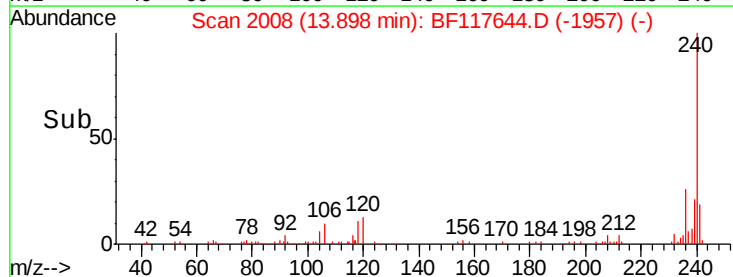
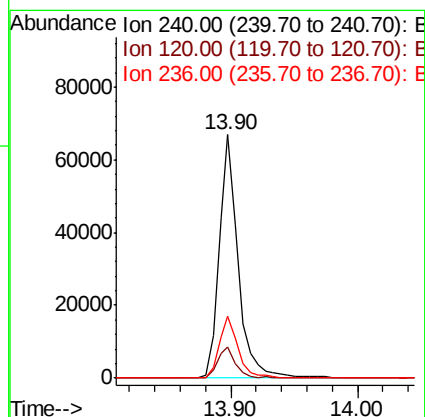
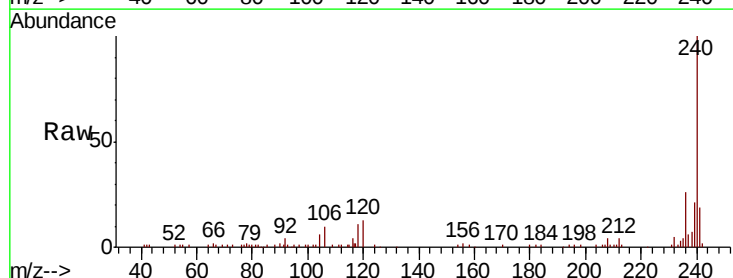
Instrument :
BNA_F
ClientSampled :

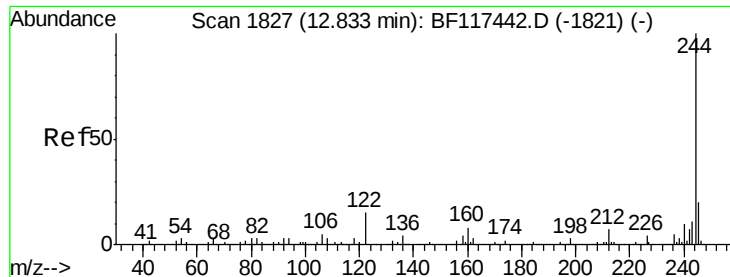
Tot Ion:149 Resp: 36097
Ion Ratio Lower Upper
149 100
150 10.6 7.5 11.3
104 4.7 4.6 6.8



#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

Tgt 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

Instrument :

BNA_F

ClientSampleId :

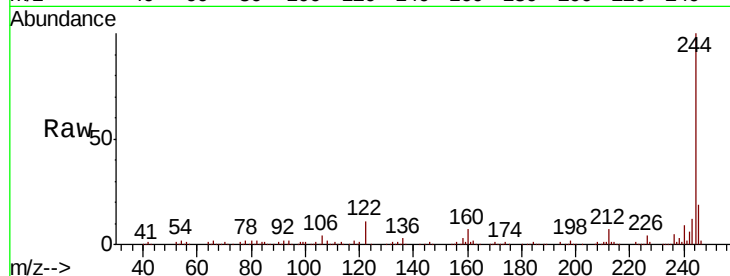
Tot Ion:244 Resp: 277297

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.6

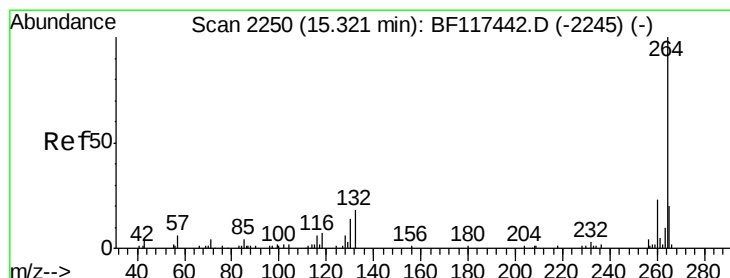
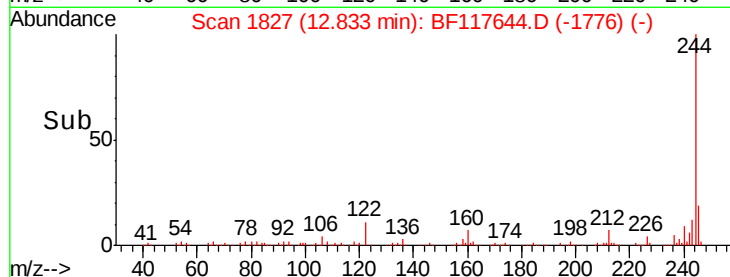
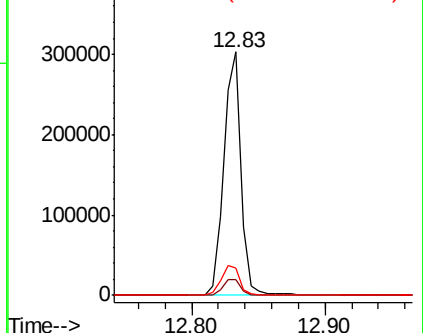
122 11.4 11.8 17.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-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

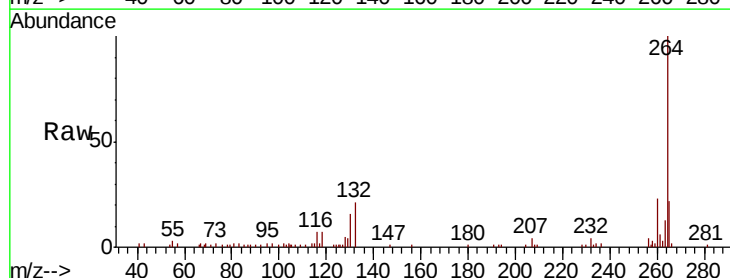
Tgt Ion:264 Resp: 64135

Ion Ratio Lower Upper

264 100

260 22.8 18.4 27.6

265 21.8 16.1 24.1



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

