

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103019\
 Data File : BF117636.D
 Acq On : 30 Oct 2019 20:26
 Operator : JU
 Sample : K5539-15 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 164-68-(0-1)

Quant Time: Oct 31 04:18:26 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

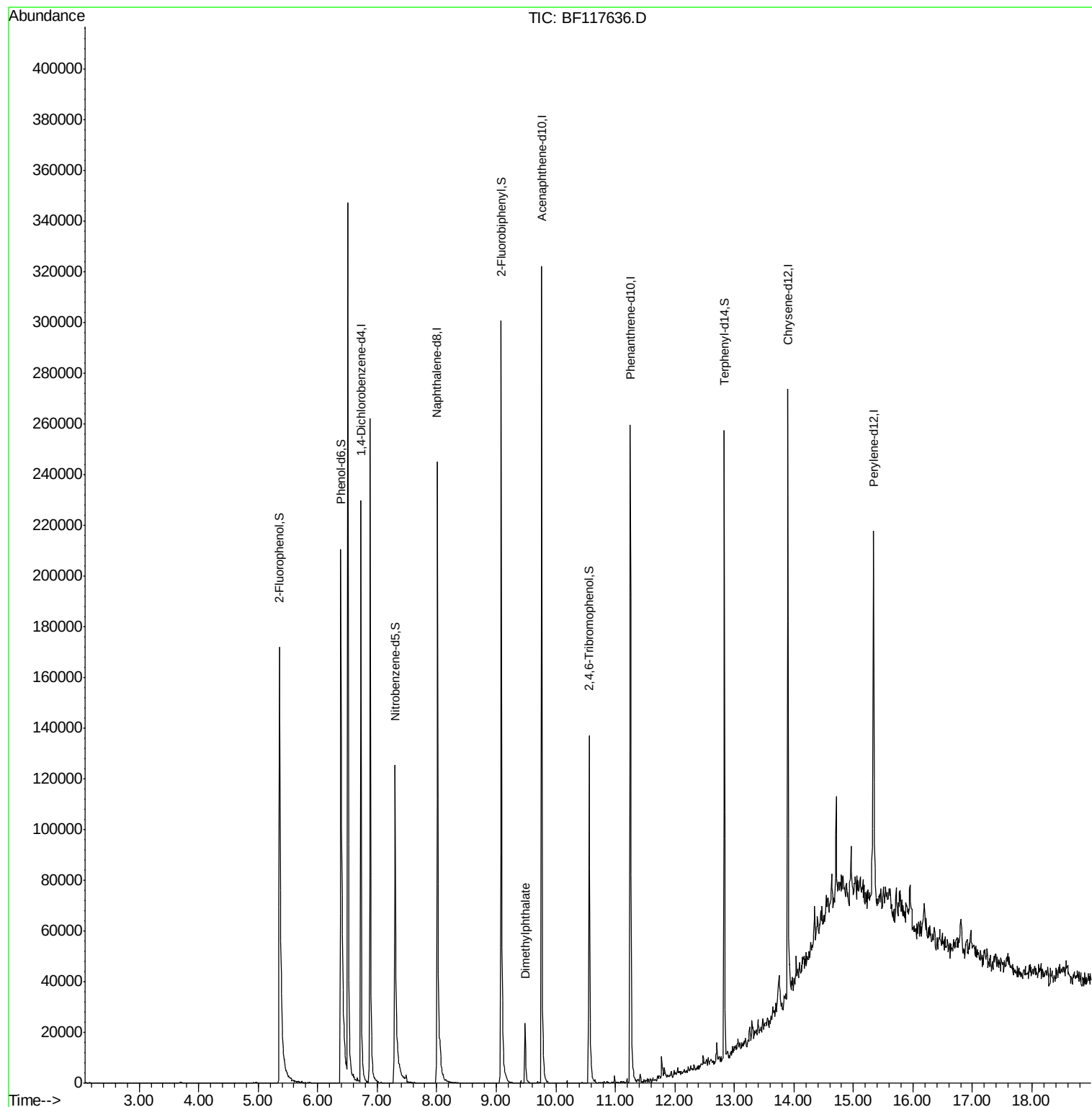
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	38476	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	162168	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	76368	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	112136	20.00	ng	0.00
76) Chrysene-d12	13.90	240	80401	20.00	ng	0.00
87) Perylene-d12	15.34	264	67800	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	100227	38.75	ng	0.00
7) Phenol-d6	6.39	99	142497	41.02	ng	0.00
23) Nitrobenzene-d5	7.30	82	78821	24.00	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	20823	31.51	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	125916	23.23	ng	-0.01
79) Terphenyl-d14	12.83	244	88079	17.87	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	15282	2.807	ng	Qvalue 99

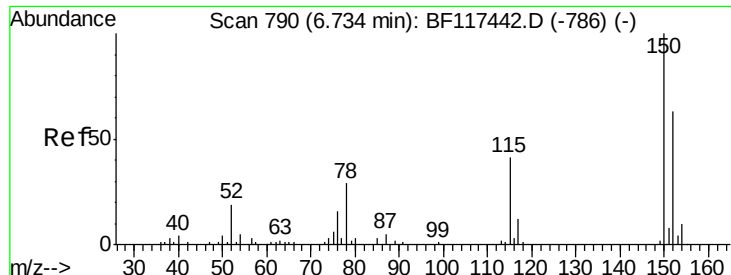
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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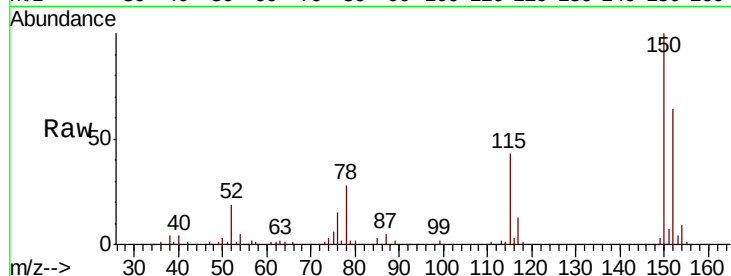


#1

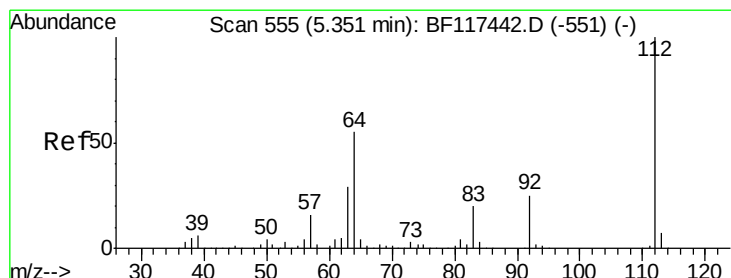
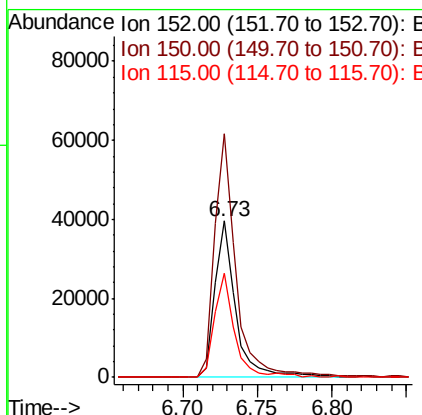
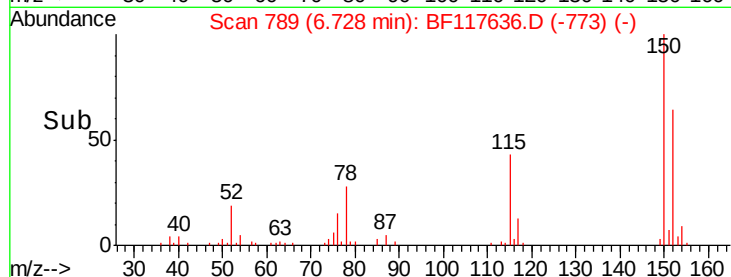
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF117636.D
 Acq: 30 Oct 2019 20:26

Instrument :
 BNA_F
 ClientSampleId :
 164-68-(0-1)

Tot Ion:152 Resp: 38476
 Ion Ratio Lower Upper
 152 100
 150 155.7 126.8 190.2
 115 66.4 51.6 77.4



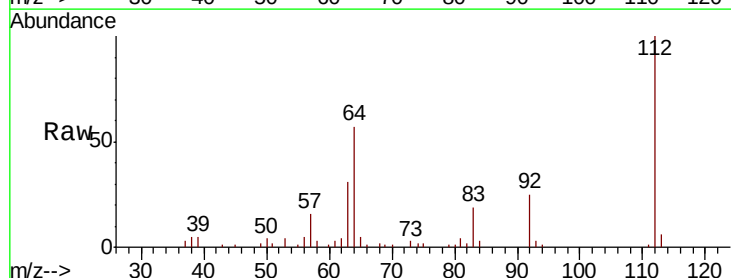
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



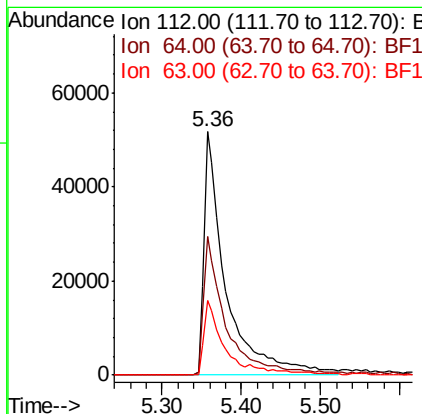
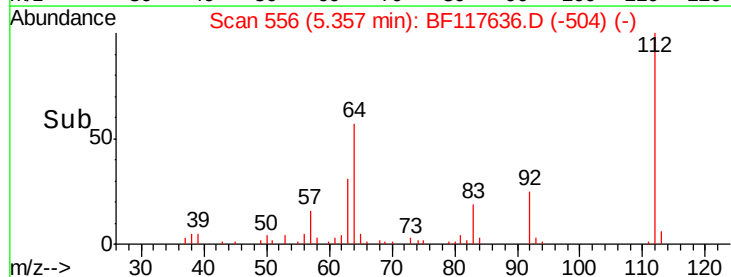
#5

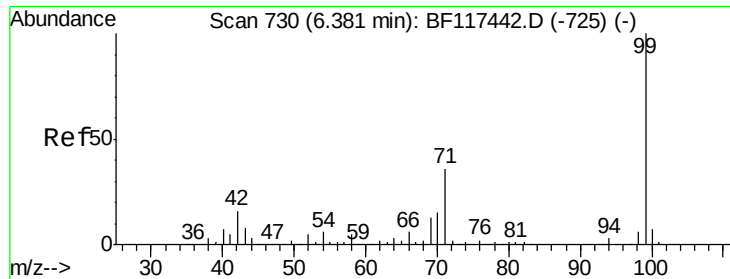
2-Fluorophenol
 Concen: 38.754 ng
 RT: 5.36 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF117636.D
 Acq: 30 Oct 2019 20:26

Tgt Ion:112 Resp: 100227
 Ion Ratio Lower Upper
 112 100
 64 56.9 44.1 66.1
 63 30.6 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: 41.022 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117636.D

Acq: 30 Oct 2019 20:26

Instrument :

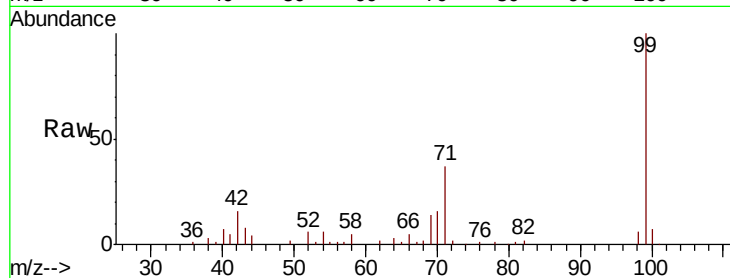
BNA_F

ClientSampleId :

164-68-(0-1)

Tot Ion: 99 Resp: 142497

Ion	Ratio	Lower	Upper
99	100		
42	16.0	12.8	19.2
71	37.4	28.6	43.0

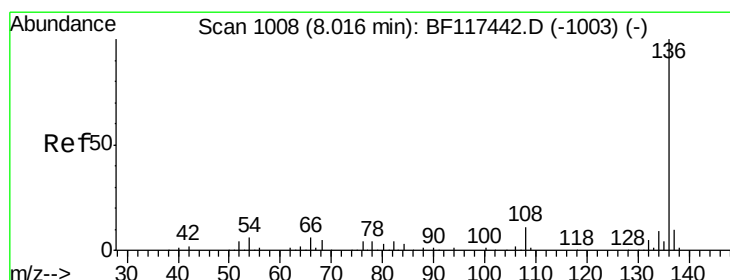
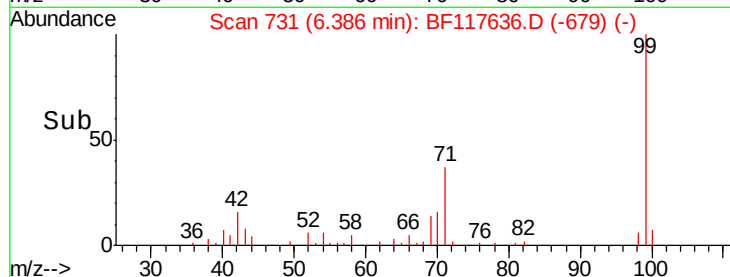
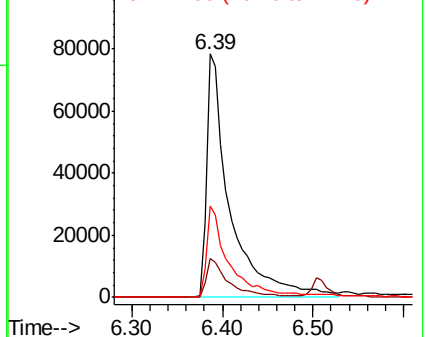


Abundance

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

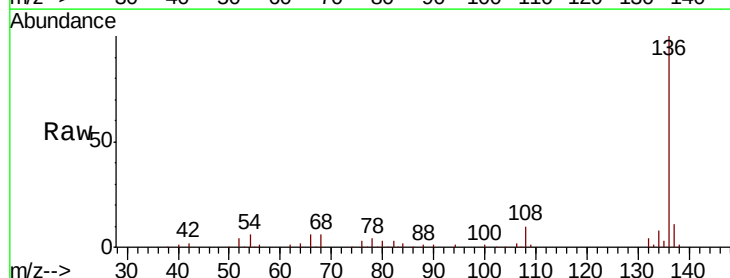
Delta R.T. -0.01 min

Lab File: BF117636.D

Acq: 30 Oct 2019 20:26

Tgt Ion: 136 Resp: 162168

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.2	12.4
54	5.7	4.5	6.7
68	5.6	4.3	6.5



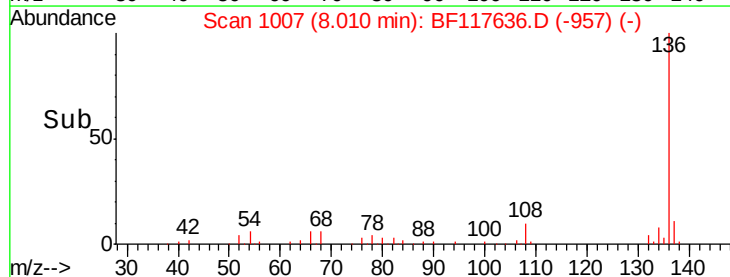
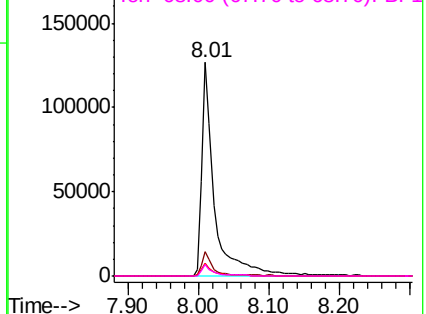
Abundance

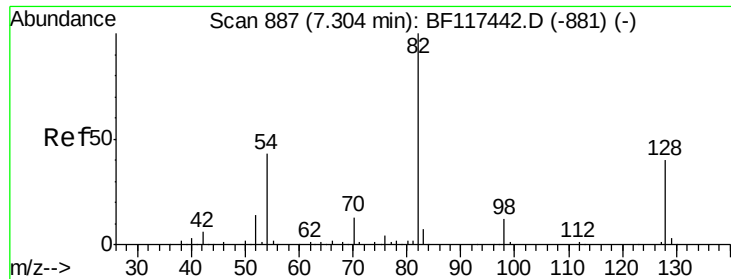
Ion 136.00 (135.70 to 136.70): E

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

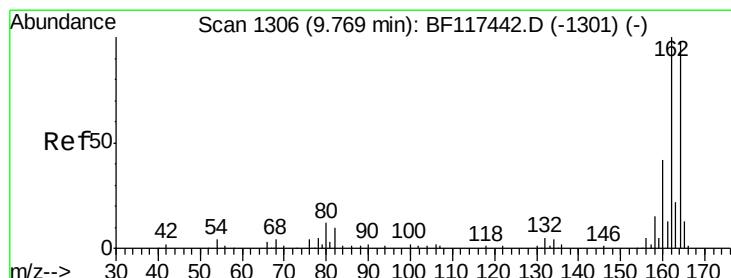
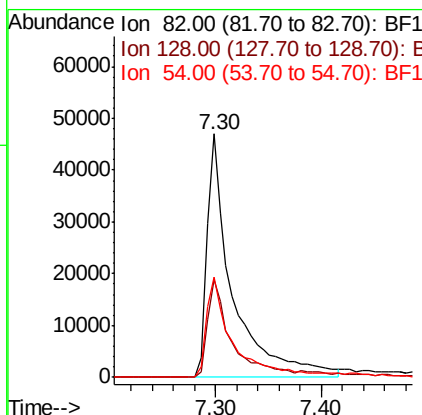
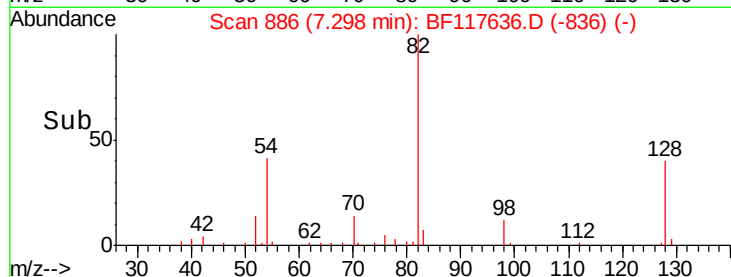
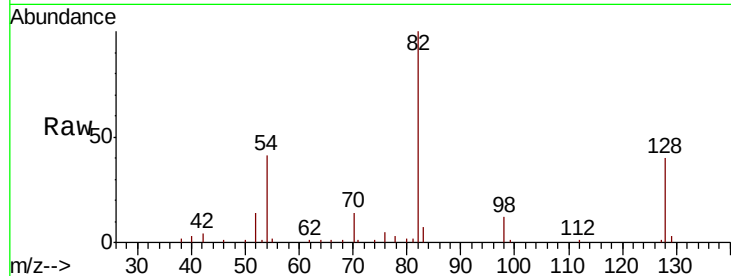




#23
 Nitrobenzene-d5
 Concen: 23.995 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF117636.D
 Acq: 30 Oct 2019 20:26

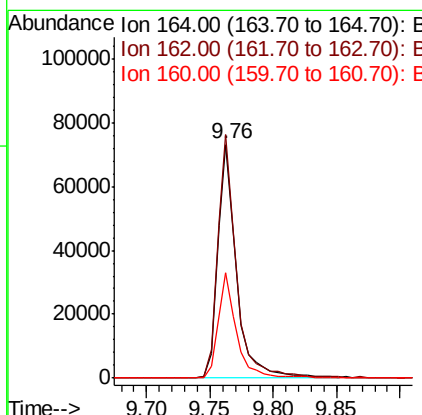
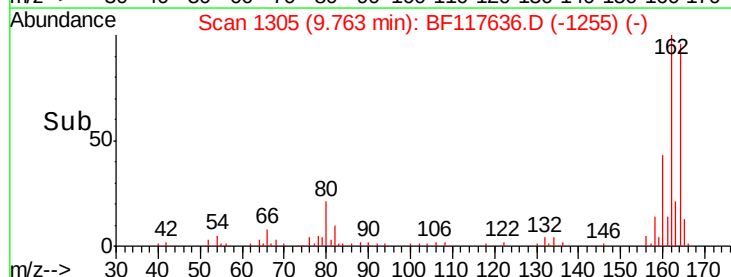
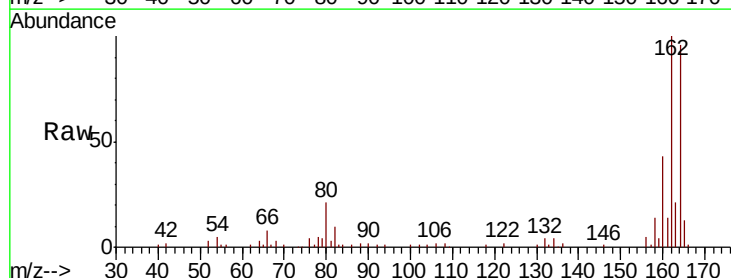
Instrument :
 BNA_F
 ClientSampleId :
 164-68-(0-1)

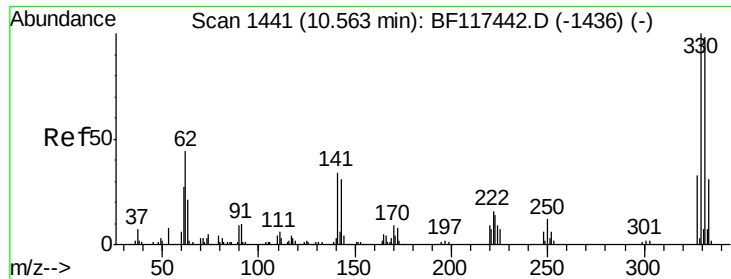
Tot Ion: 82 Resp: 78821
 Ion Ratio Lower Upper
 82 100
 128 39.9 32.2 48.2
 54 40.9 34.2 51.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF117636.D
 Acq: 30 Oct 2019 20:26

Tgt Ion: 164 Resp: 76368
 Ion Ratio Lower Upper
 164 100
 162 104.2 81.8 122.6
 160 45.2 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 31.513 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BF117636.D

Acq: 30 Oct 2019 20:26

Instrument :

BNA_F

ClientSampleId :

164-68-(0-1)

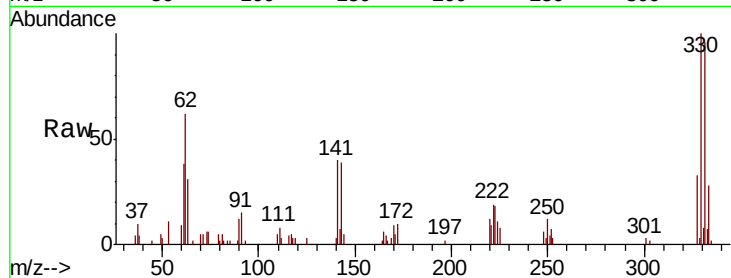
Tot Ion:330 Resp: 20823

Ion Ratio Lower Upper

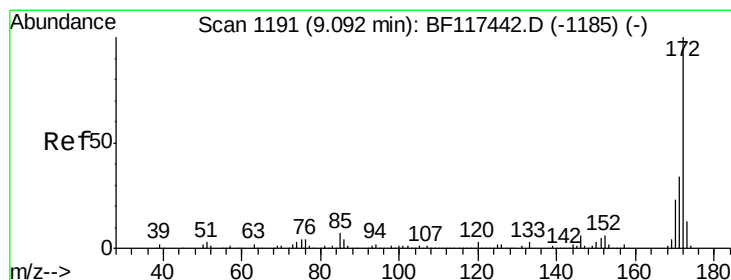
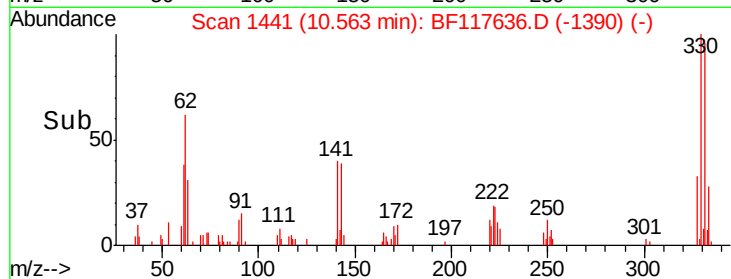
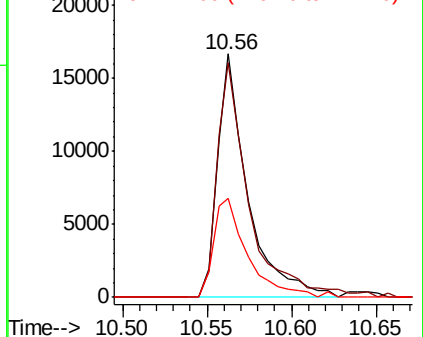
330 100

332 102.3 78.5 117.7

141 45.8 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: 23.231 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF117636.D

Acq: 30 Oct 2019 20:26

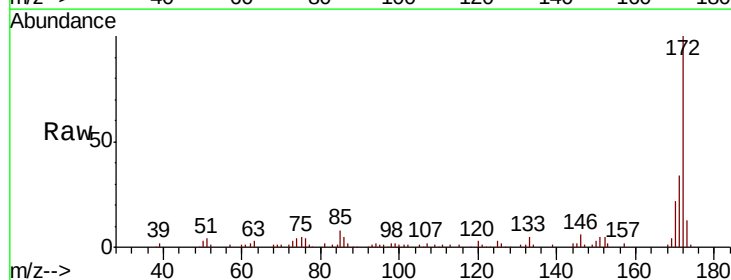
Tgt Ion:172 Resp: 125916

Ion Ratio Lower Upper

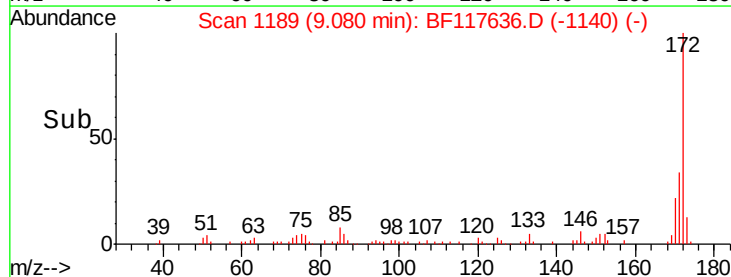
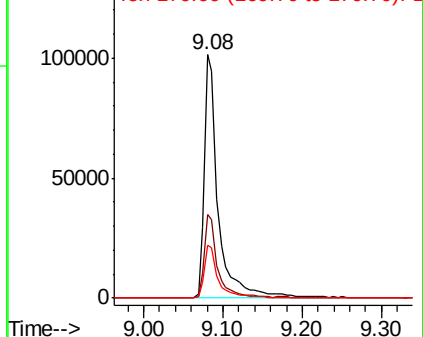
172 100

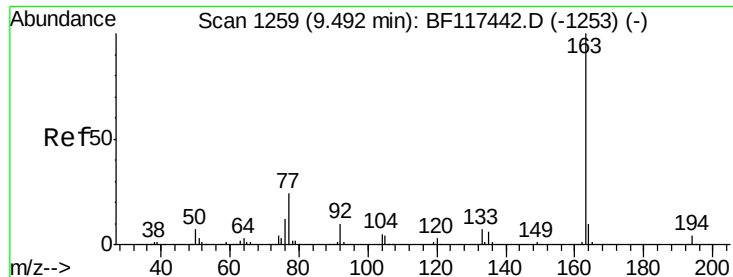
171 34.4 27.5 41.3

170 21.8 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

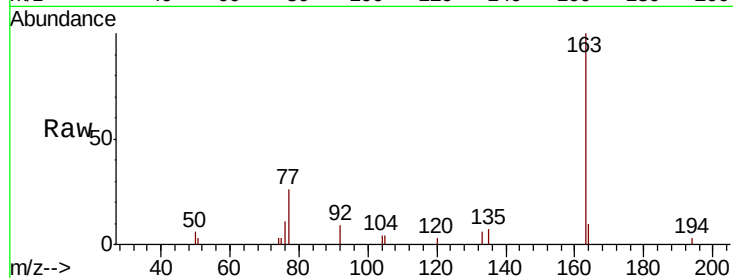




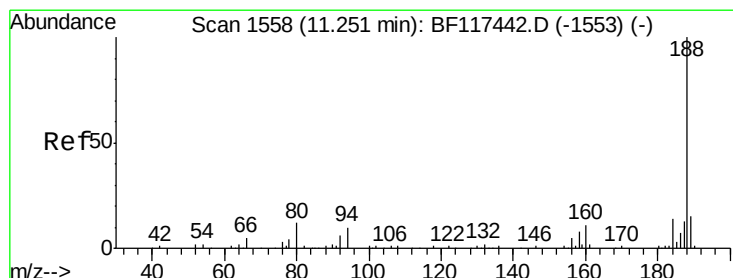
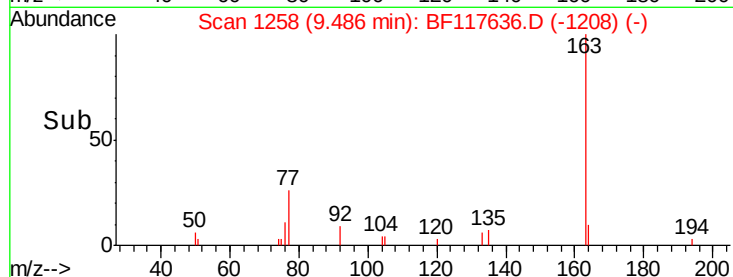
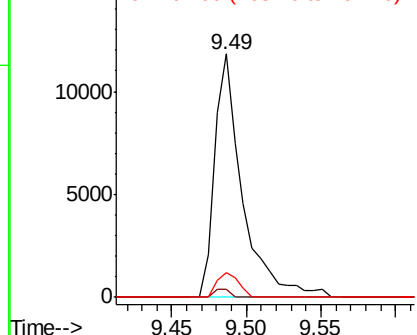
#50
Dimethylphthalate
Concen: 2.807 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF117636.D
Acq: 30 Oct 2019 20:26

Instrument :
BNA_F
ClientSampleId :
164-68-(0-1)

Tot Ion:163 Resp: 15282
Ion Ratio Lower Upper
163 100
194 3.4 2.9 4.3
164 9.9 8.2 12.2

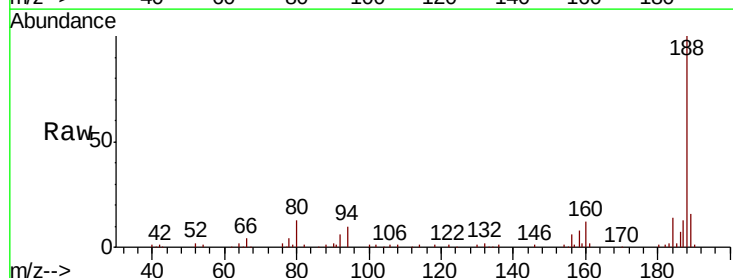


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

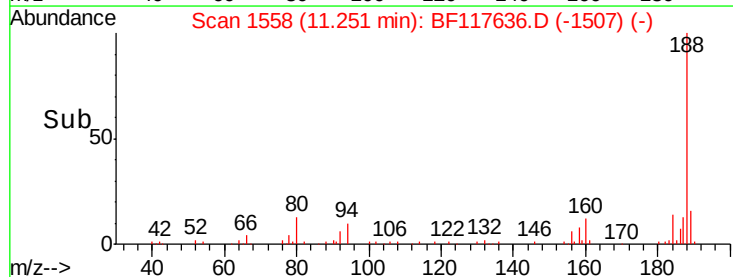
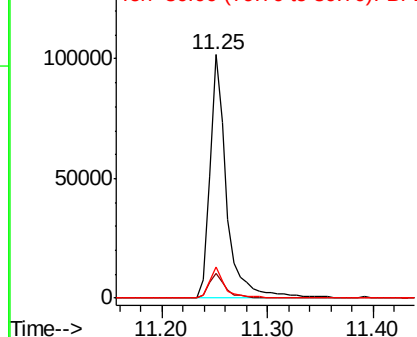


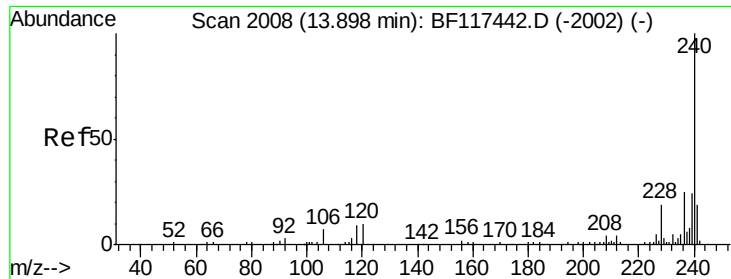
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117636.D
Acq: 30 Oct 2019 20:26

Tgt Ion:188 Resp: 112136
Ion Ratio Lower Upper
188 100
94 10.0 8.0 12.0
80 12.7 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

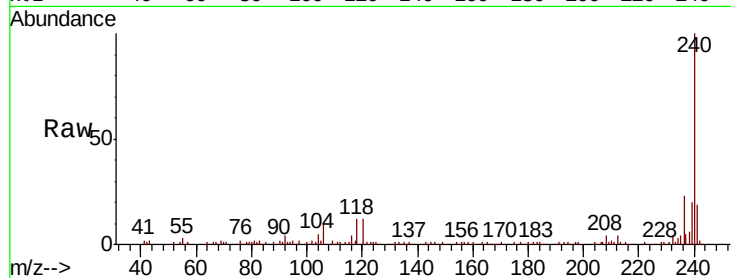




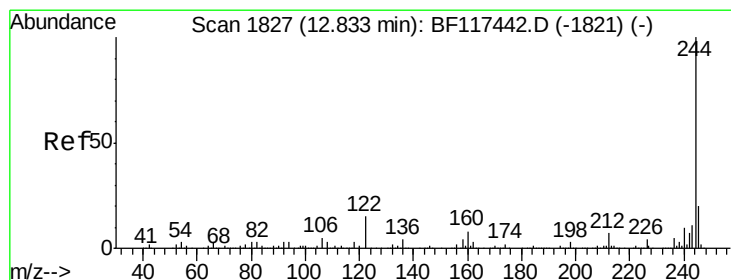
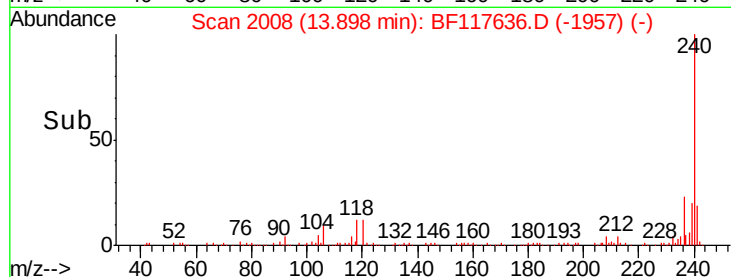
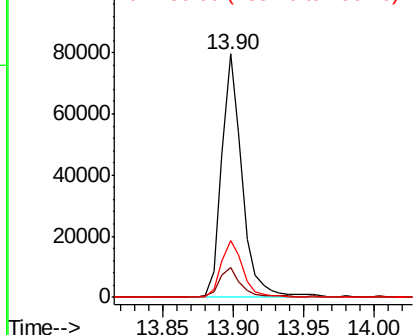
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BF117636.D
 Acq: 30 Oct 2019 20:26

Instrument :
 BNA_F
 ClientSampleId :
 164-68-(0-1)

Tot Ion:240 Resp: 80401
 Ion Ratio Lower Upper
 240 100
 120 12.2 8.4 12.6
 236 23.3 20.0 30.0

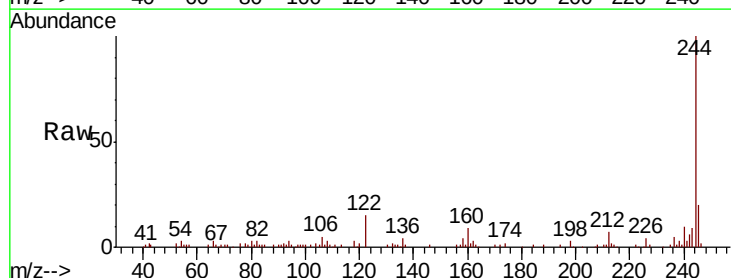


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

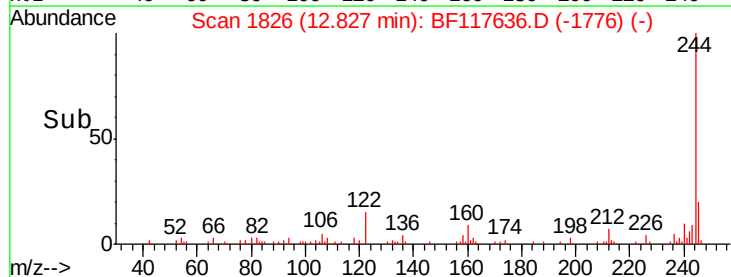
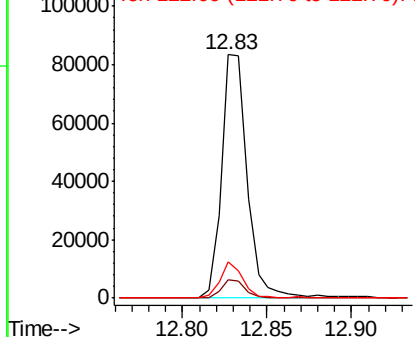


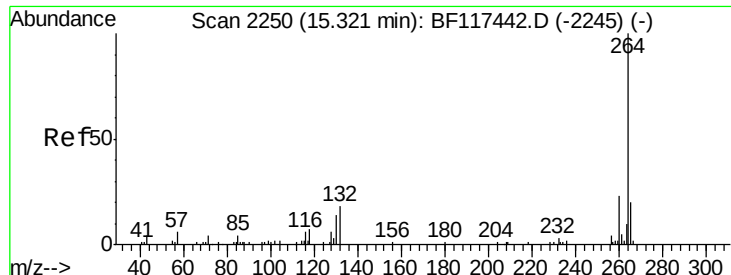
#79
 Terphenyl-d14
 Concen: 17.869 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF117636.D
 Acq: 30 Oct 2019 20:26

Tgt Ion:244 Resp: 88079
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 15.0 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

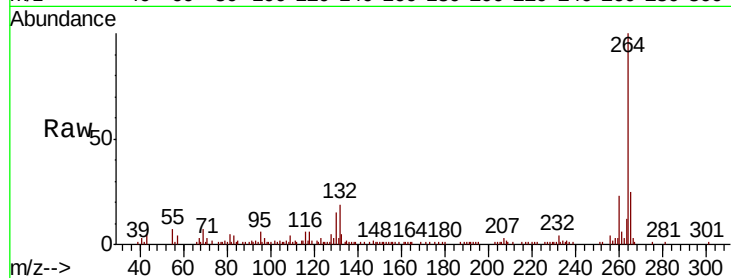




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.34 min Scan# 2253
 Delta R.T. 0.02 min
 Lab File: BF117636.D
 Acq: 30 Oct 2019 20:26

Instrument :
 BNA_F
 ClientSampleId :
 164-68-(0-1)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.4	27.6
265	24.5	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

