

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100219\
 Data File : BF117295.D
 Acq On : 2 Oct 2019 13:17
 Operator : JU
 Sample : K4946-06RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 03 01:30:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

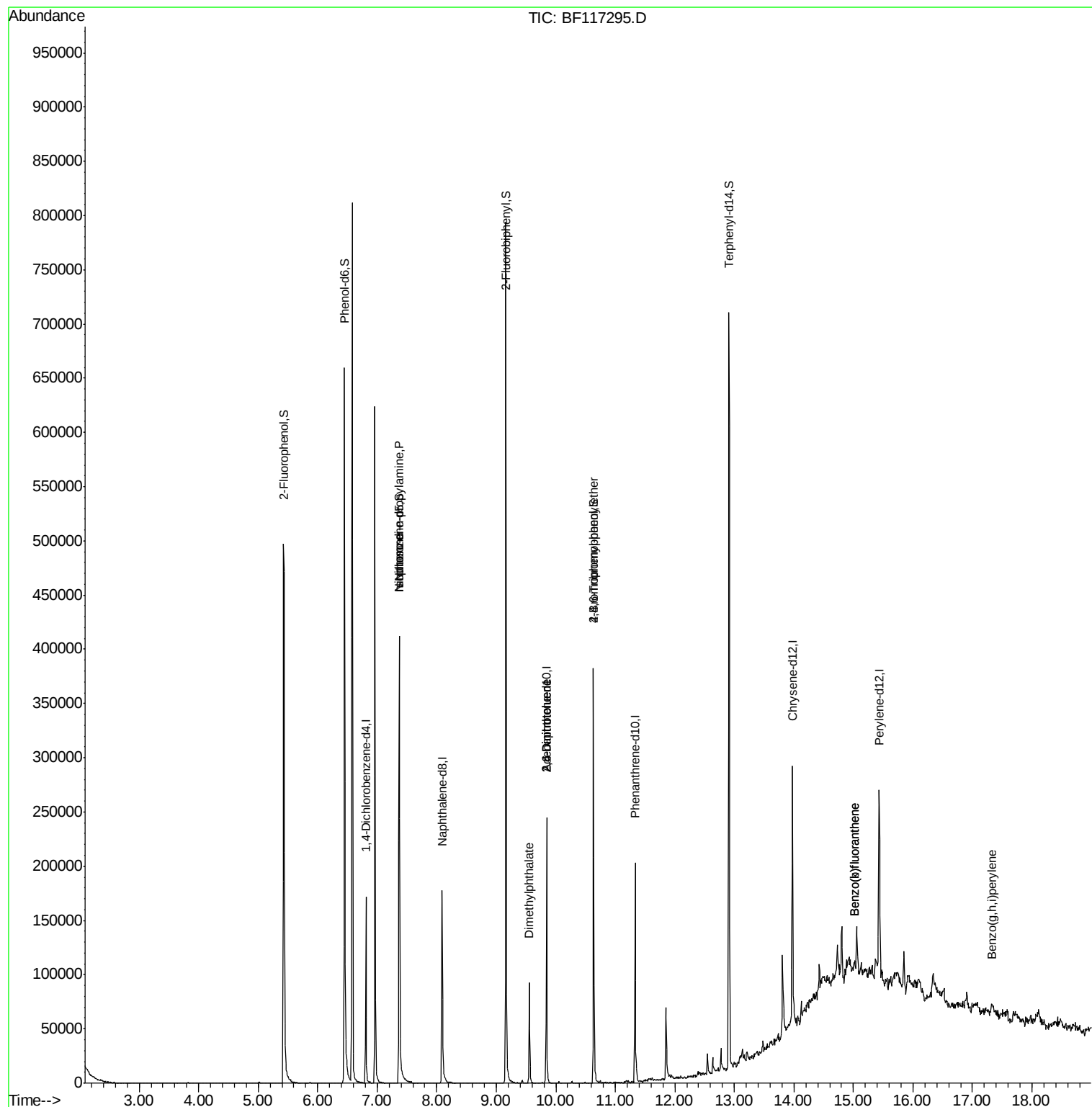
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	28333	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	112091	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	55382	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	85624	20.00	ng	0.00
76) Chrysene-d12	13.97	240	74367	20.00	ng	0.00
87) Perylene-d12	15.43	264	64331	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	184165	101.48	ng	0.00
7) Phenol-d6	6.45	99	250170	106.67	ng	0.00
23) Nitrobenzene-d5	7.37	82	160136	75.06	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	44206	95.50	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	246135	69.49	ng	-0.01
79) Terphenyl-d14	12.91	244	230416	57.92	ng	0.00
Target Compounds						
9) Benzaldehyde	6.45	77	258	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.37	70	21910	15.342 ng	#	80
25) Isophorone	7.37	82	160135	42.395 ng	#	66
50) Dimethylphthalate	9.56	163	38677	9.863 ng	#	99
51) 2,6-Dinitrotoluene	9.85	165	6527	8.173 ng	#	24
57) 2,4-Dinitrotoluene	9.85	165	6527	6.296 ng	#	18
67) 4-Bromophenyl-phenylether	10.63	248	2606	2.980 ng	#	1
88) Benzo(b)fluoranthene	15.02	252	7961	2.043 ng	#	69
89) Benzo(k)fluoranthene	15.02	252	7961	2.157 ng	#	69
92) Benzo(q,h,i)perylene	17.33	276	5551	2.045 ng	#	87

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100219\
Data File : BF117295.D
Acq On : 2 Oct 2019 13:17
Operator : JU
Sample : K4946-06RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 03 01:30:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration



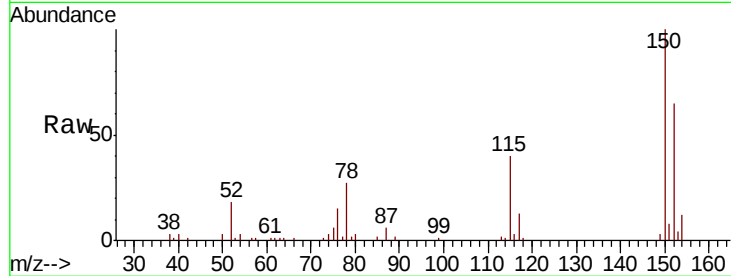


#1

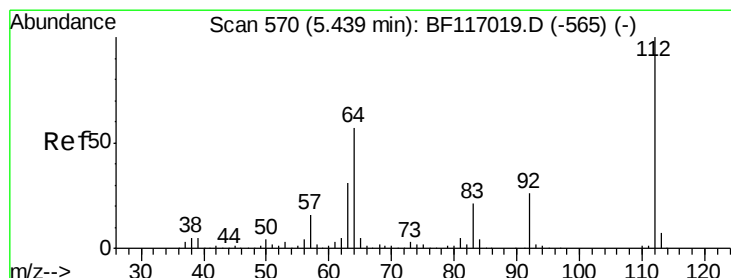
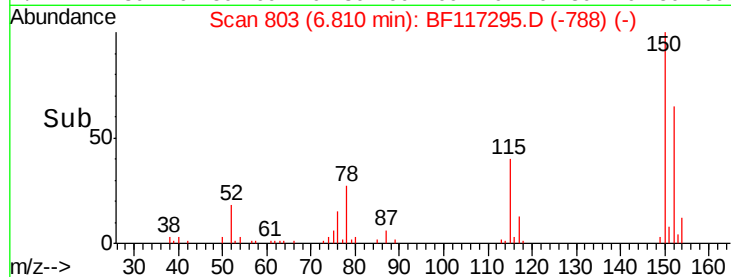
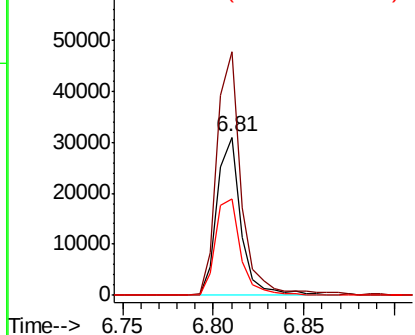
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF117295.D
 Acq: 2 Oct 2019 13:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 28333
 Ion Ratio Lower Upper
 152 100
 150 154.2 127.5 191.3
 115 61.5 55.0 82.4



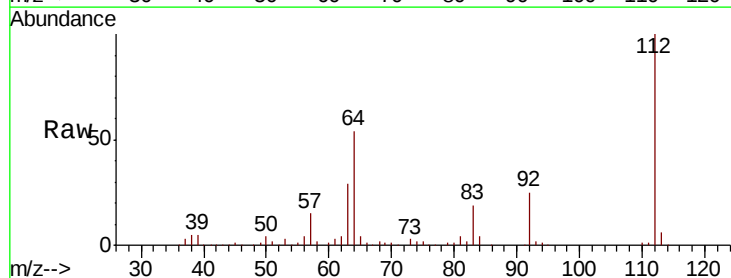
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



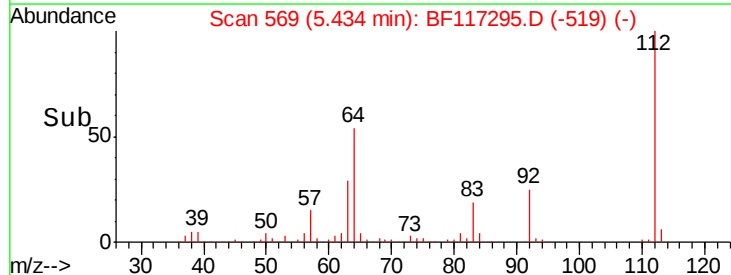
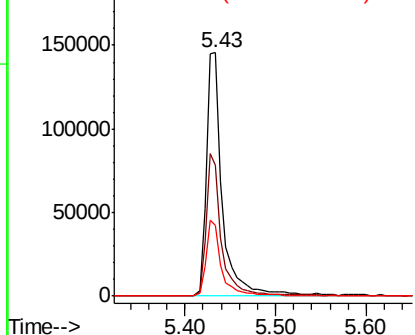
#5

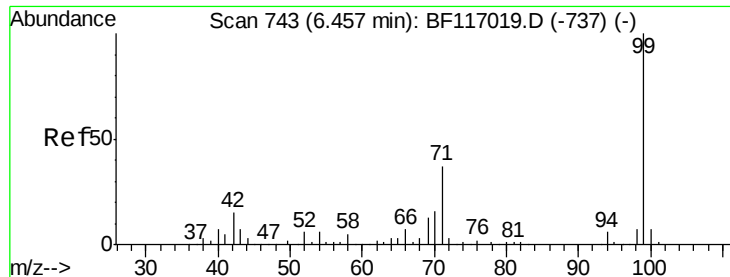
2-Fluorophenol
 Concen: 101.481 ng
 RT: 5.43 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: BF117295.D
 Acq: 2 Oct 2019 13:17

Tgt Ion:112 Resp: 184165
 Ion Ratio Lower Upper
 112 100
 64 53.7 45.7 68.5
 63 28.9 24.9 37.3



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: 106.667 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117295.D

Acq: 2 Oct 2019 13:17

Instrument :

BNA_F

ClientSampleId :

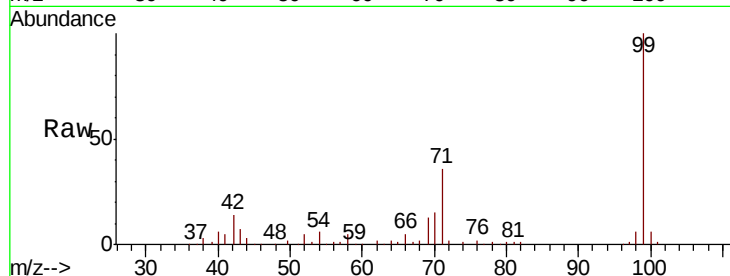
Tot Ion: 99 Resp: 250170

Ion Ratio Lower Upper

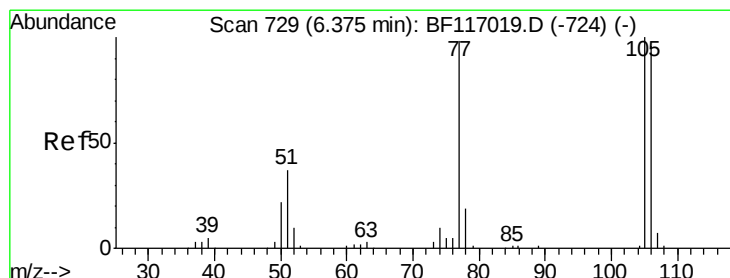
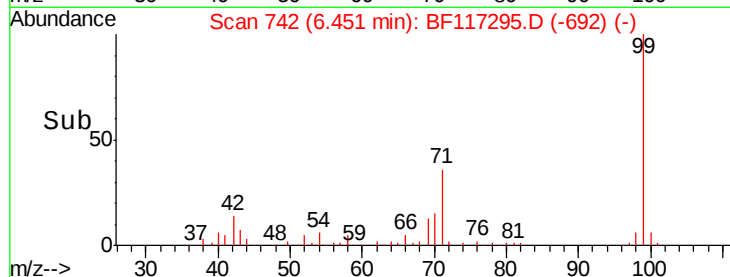
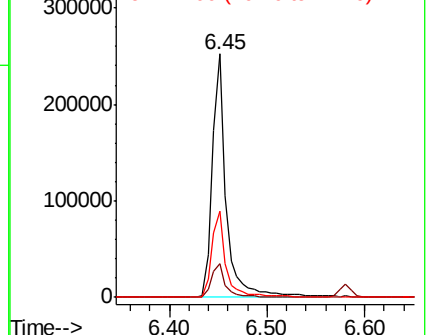
99 100

42 14.0 12.2 18.2

71 35.5 29.8 44.8



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



#9

Benzaldehyde

Concen: Below Cal

RT: 6.45 min Scan# 741

Delta R.T. 0.07 min

Lab File: BF117295.D

Acq: 2 Oct 2019 13:17

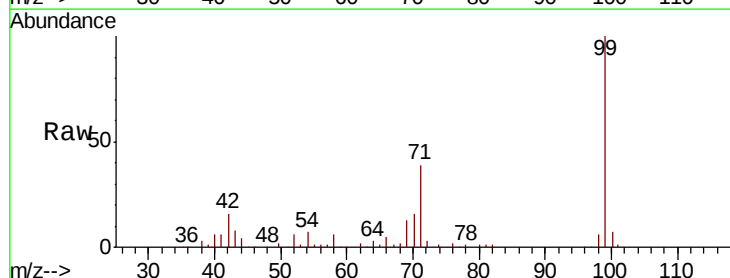
Tgt Ion: 77 Resp: 258

Ion Ratio Lower Upper

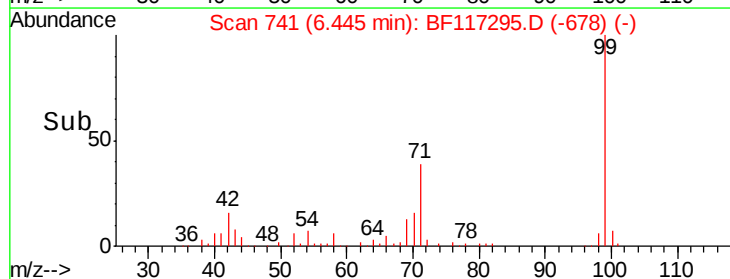
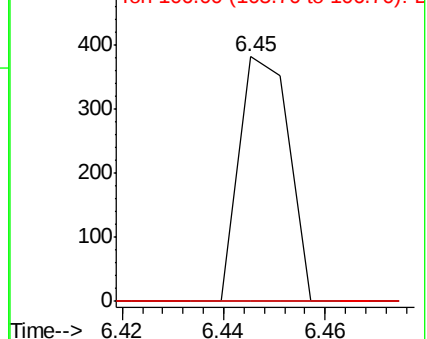
77 100

105 0.0 81.8 121.8#

106 0.0 77.3 117.3#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

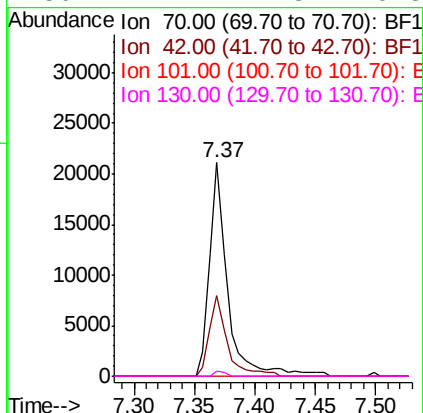
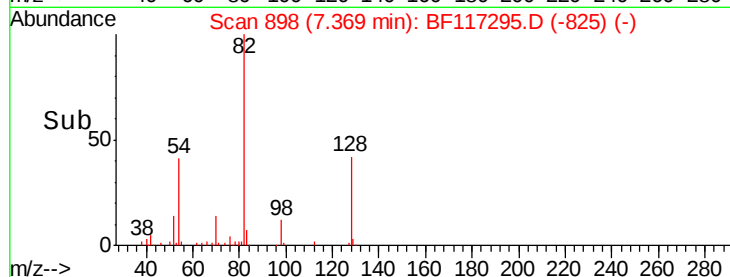
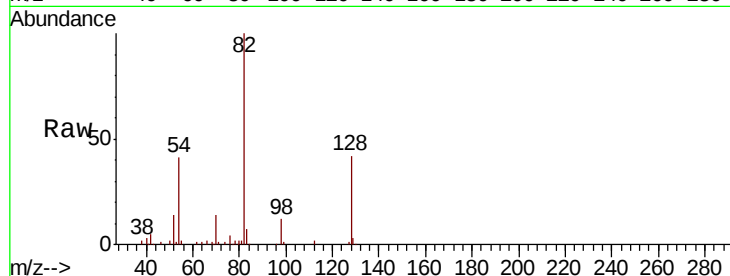




#19
n-Nitroso-di-n-propylamine
Concen: 15.342 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.13 min
Lab File: BF117295.D
Acq: 2 Oct 2019 13:17

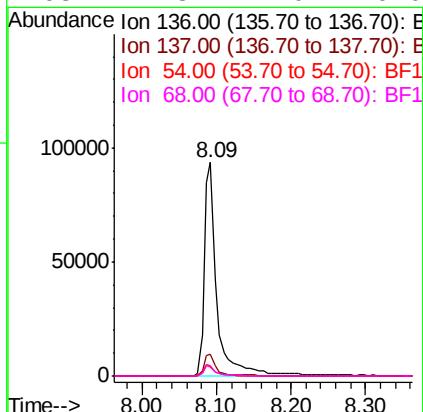
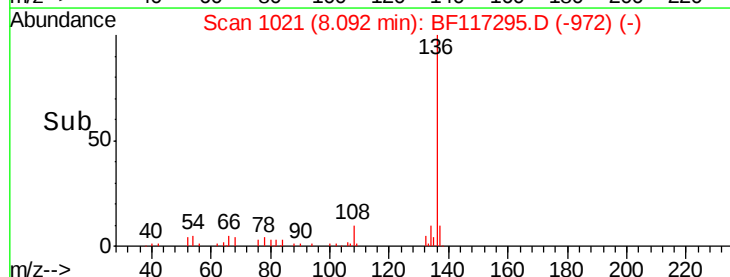
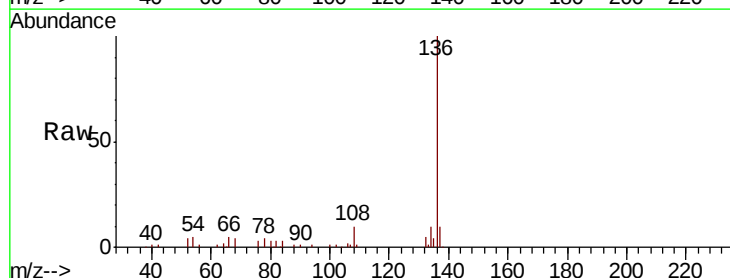
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 21910
Ion Ratio Lower Upper
70 100
42 38.0 34.0 51.0
101 0.0 7.8 11.6#
130 2.7 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF117295.D
Acq: 2 Oct 2019 13:17

Tgt Ion: 136 Resp: 112091
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.4
54 4.6 4.5 6.7
68 4.3 4.0 6.0

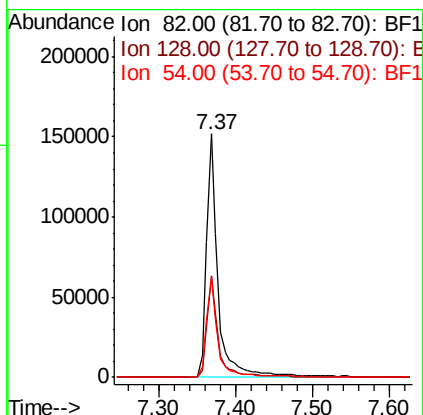
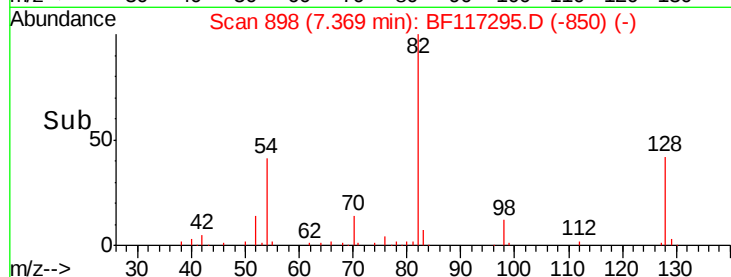
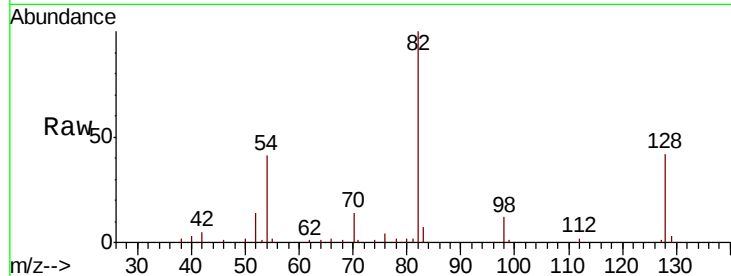




#23
Nitrobenzene-d5
Concen: 75.063 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF117295.D
Acq: 2 Oct 2019 13:17

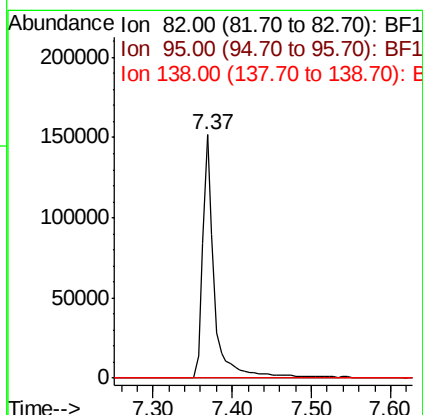
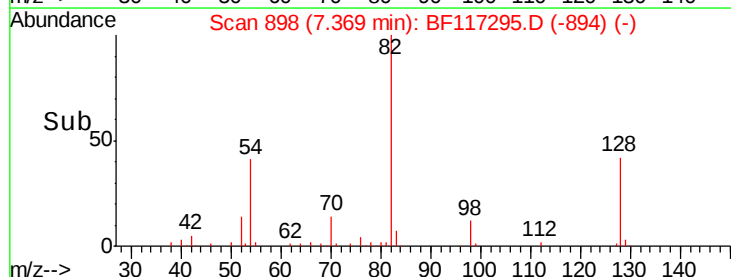
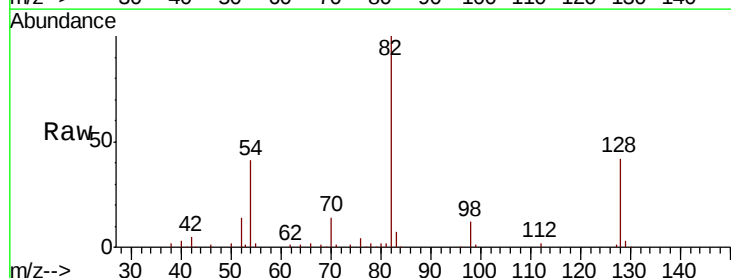
Instrument :
BNA_F
ClientSampleId :

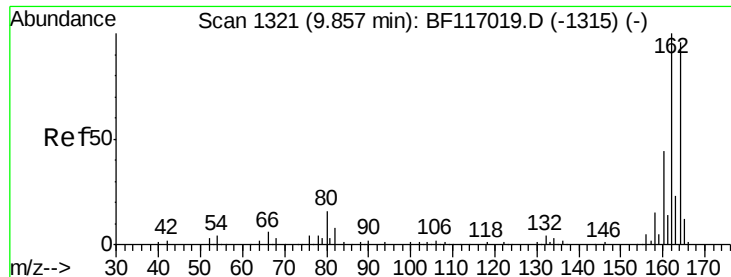
Tot Ion	82	Resp	160136
Ion Ratio	100	Lower	Upper
128	41.8	32.3	48.5
54	41.2	33.3	49.9



#25
Isophorone
Concen: 42.395 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.28 min
Lab File: BF117295.D
Acq: 2 Oct 2019 13:17

Tgt Ion	82	Resp	160135
Ion Ratio	100	Lower	Upper
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#

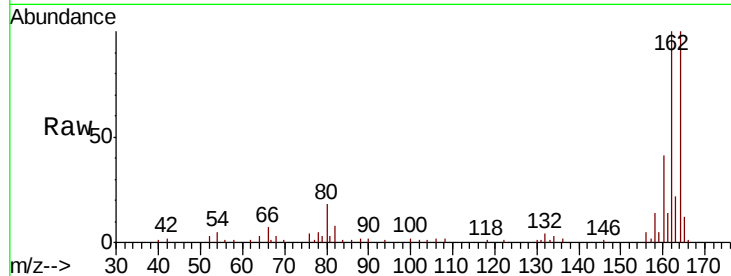




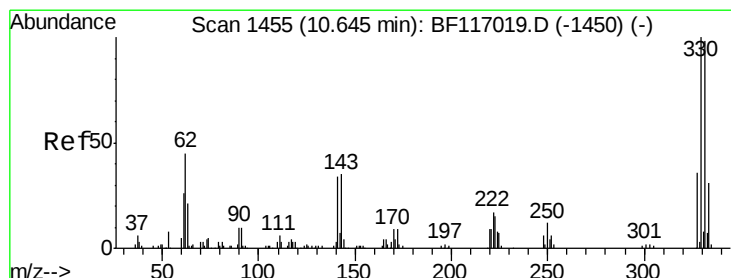
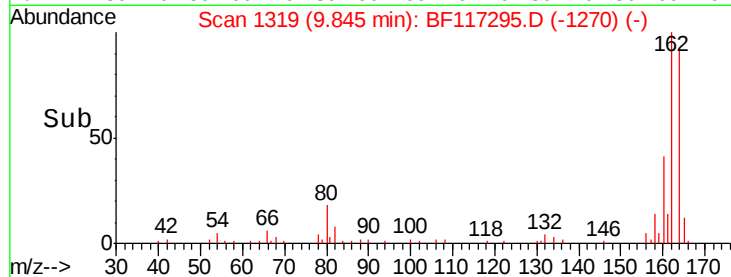
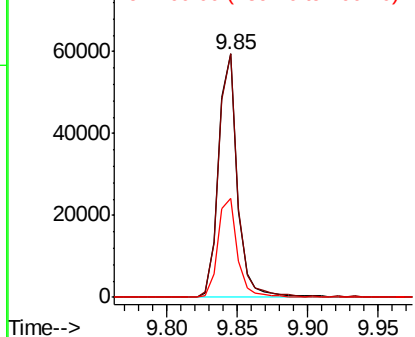
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF117295.D
Acq: 2 Oct 2019 13:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 55382
Ion Ratio Lower Upper
164 100
162 99.9 83.4 125.2
160 40.7 36.4 54.6

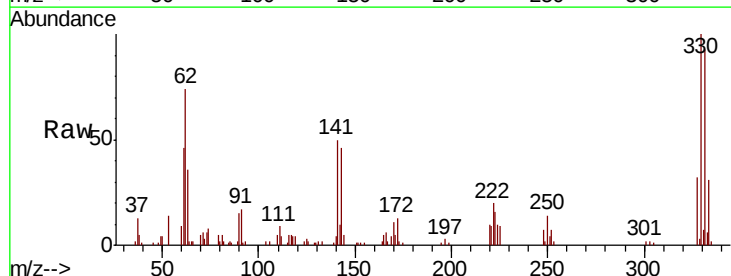


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

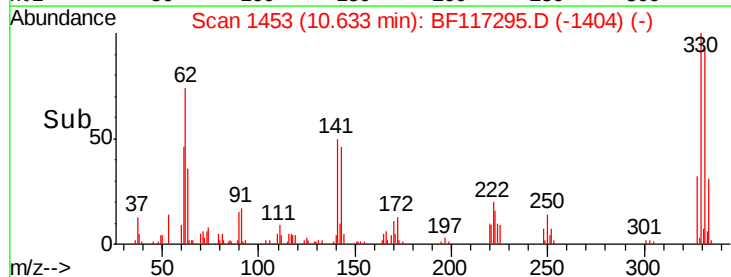
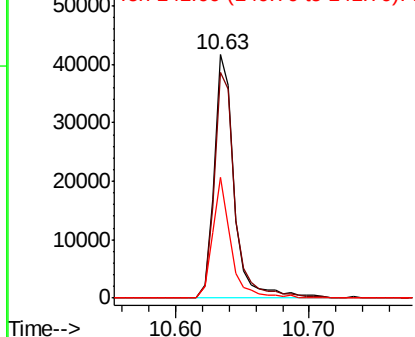


#42
2,4,6-Tribromophenol
Concen: 95.505 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF117295.D
Acq: 2 Oct 2019 13:17

Tgt Ion:330 Resp: 44206
Ion Ratio Lower Upper
330 100
332 95.8 78.0 117.0
141 44.9 35.8 53.6



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

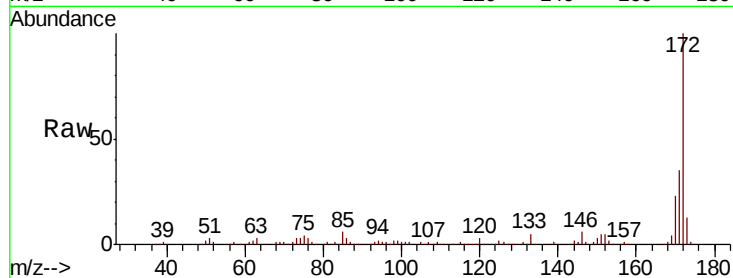




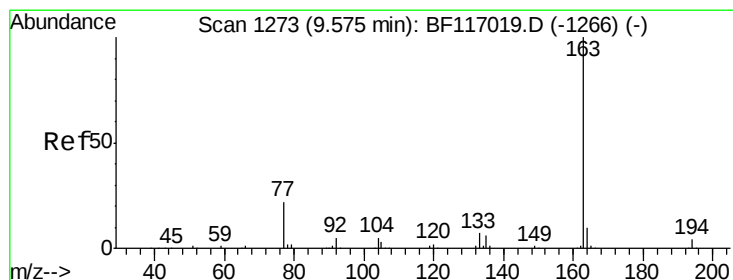
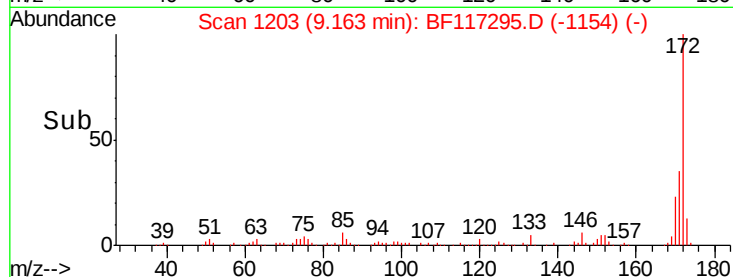
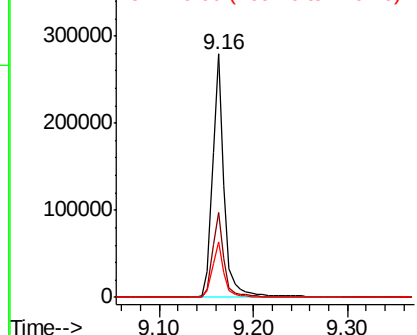
#45
2-Fluorobiphenyl
Concen: 69.490 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF117295.D
Acq: 2 Oct 2019 13:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 246135
Ion Ratio Lower Upper
172 100
171 34.6 28.2 42.2
170 22.8 18.9 28.3

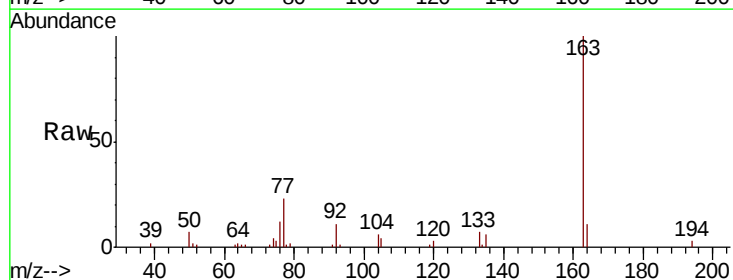


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

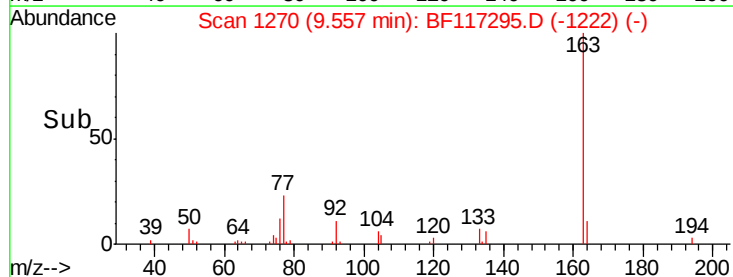
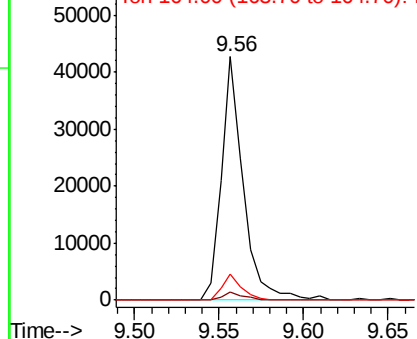


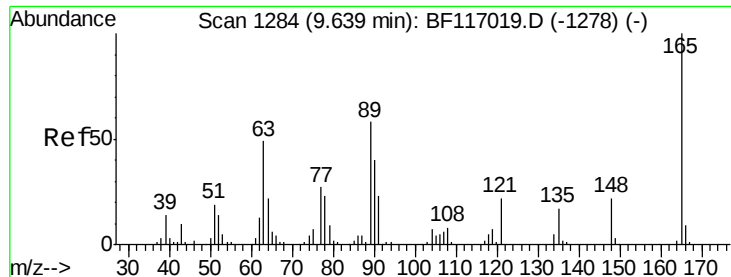
#50
Dimethylphthalate
Concen: 9.863 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF117295.D
Acq: 2 Oct 2019 13:17

Tgt Ion:163 Resp: 38677
Ion Ratio Lower Upper
163 100
194 3.5 2.9 4.3
164 10.6 8.2 12.4



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

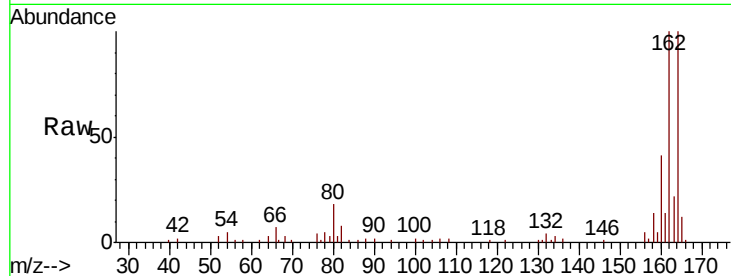




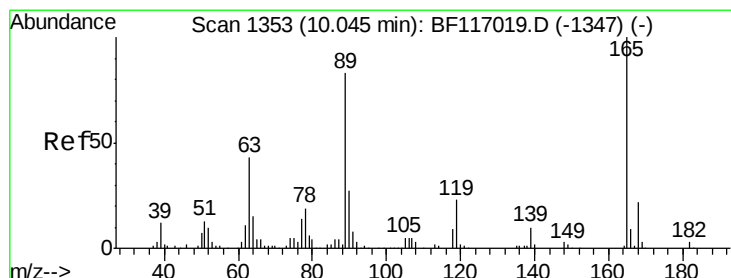
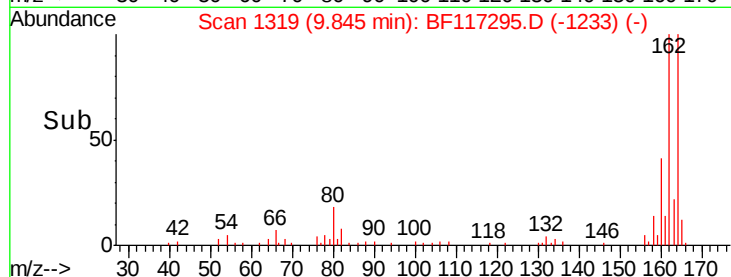
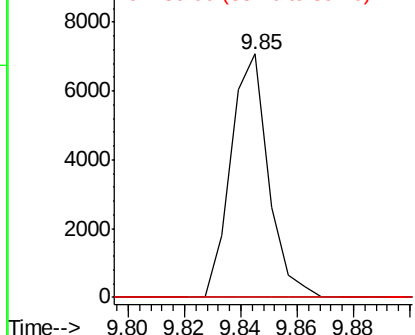
#51
 2,6-Dinitrotoluene
 Concen: 8.173 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.21 min
 Lab File: BF117295.D
 Acq: 2 Oct 2019 13:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.8	62.8#
89	0.0	46.5	69.7#

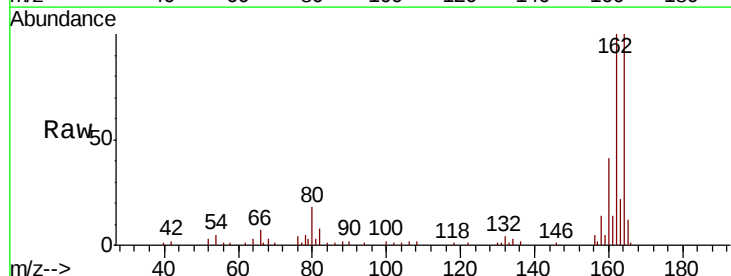


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

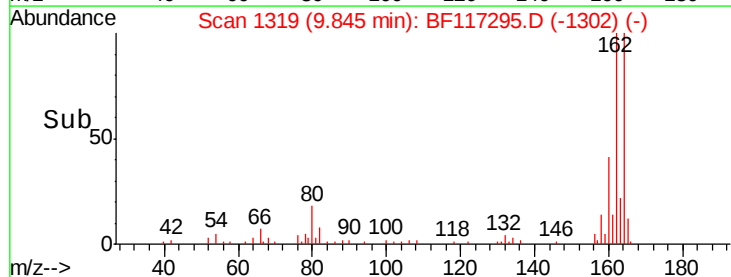
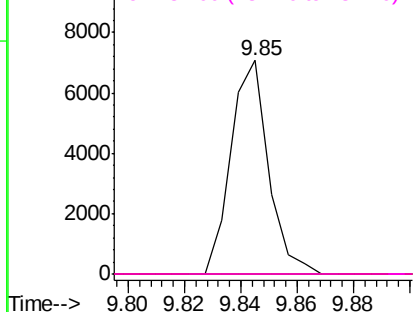


#57
 2,4-Dinitrotoluene
 Concen: 6.296 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.20 min
 Lab File: BF117295.D
 Acq: 2 Oct 2019 13:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.4#
89	0.0	66.1	99.1#
182	0.0	2.0	3.0#



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
 Ion 182.00 (181.70 to 182.70): E

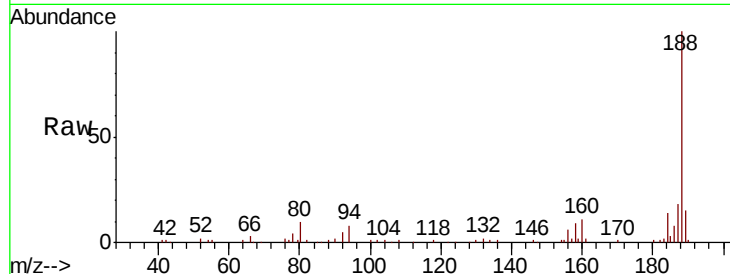




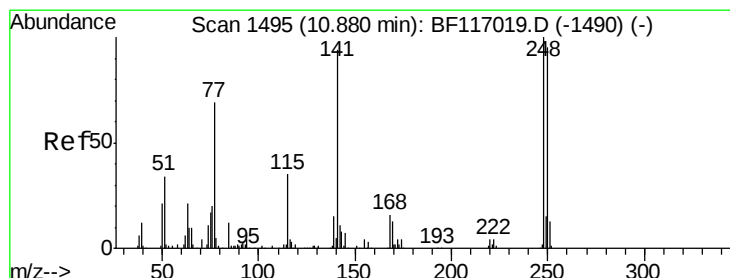
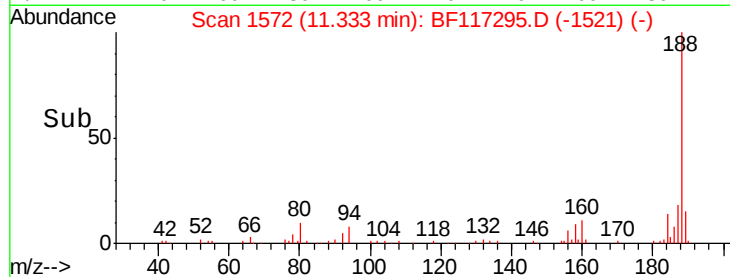
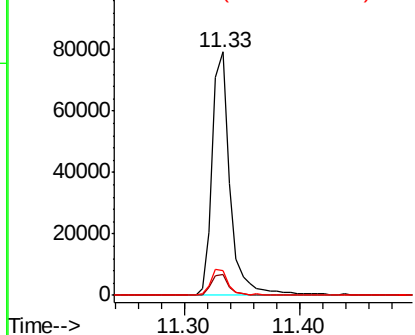
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BF117295.D
 Acq: 2 Oct 2019 13:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 85624
 Ion Ratio Lower Upper
 188 100
 94 8.5 8.2 12.2
 80 9.9 9.0 13.6

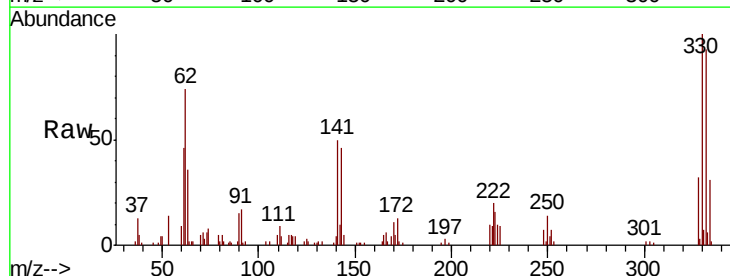


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

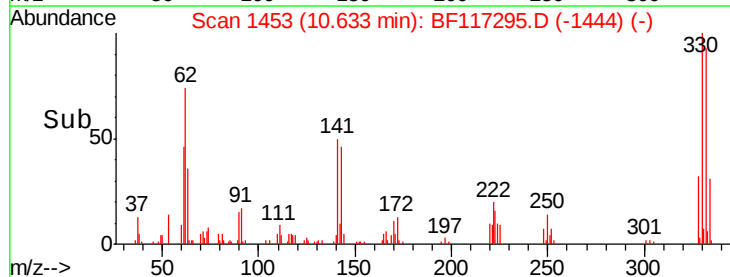
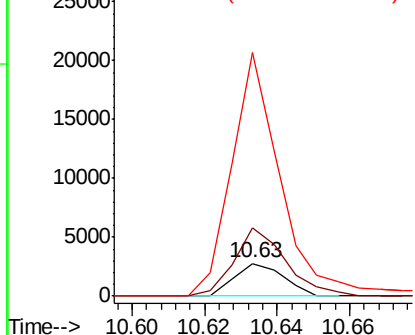


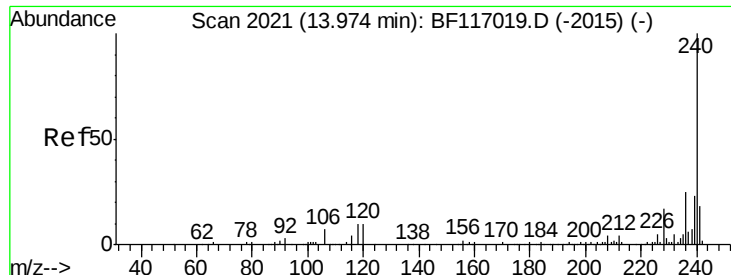
#67
 4-Bromophenyl-phenylether
 Concen: 2.980 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.25 min
 Lab File: BF117295.D
 Acq: 2 Oct 2019 13:17

Tgt Ion:248 Resp: 2606
 Ion Ratio Lower Upper
 248 100
 250 209.7 76.2 114.4#
 141 741.5 75.0 112.4#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

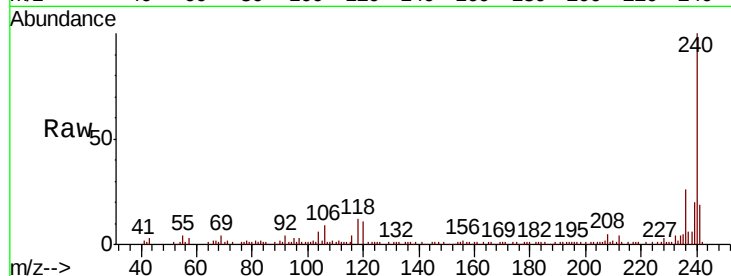




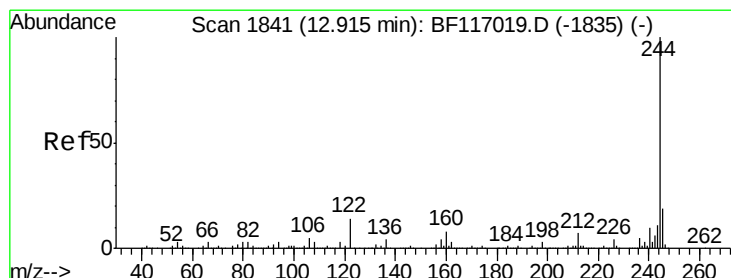
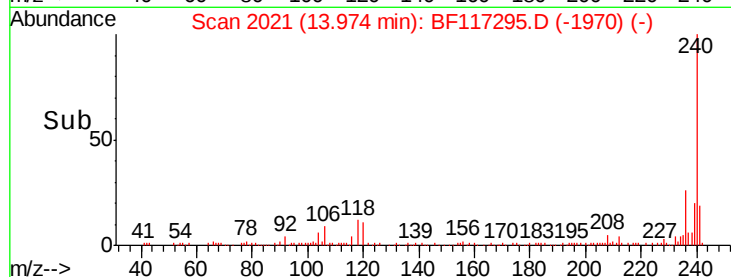
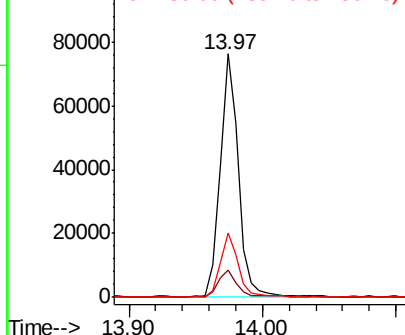
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF117295.D
Acq: 2 Oct 2019 13:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:240 Resp: 74367
Ion Ratio Lower Upper
240 100
120 11.3 8.3 12.5
236 26.3 20.3 30.5

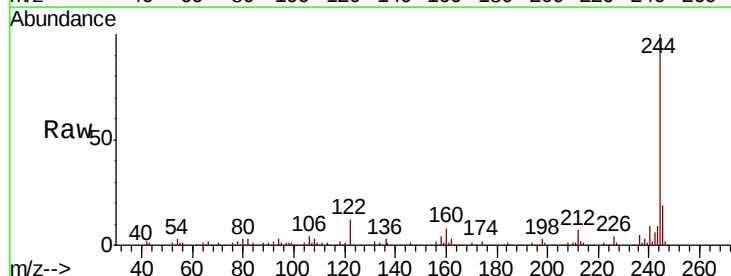


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

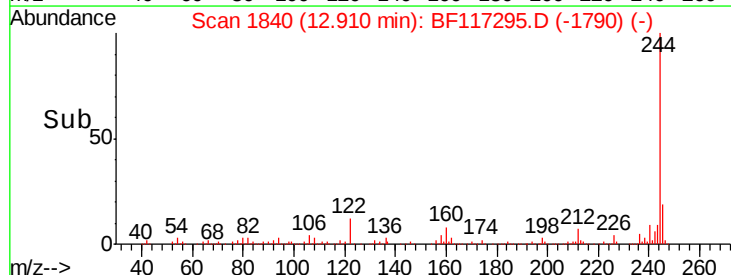
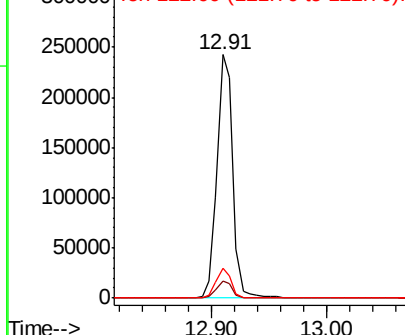


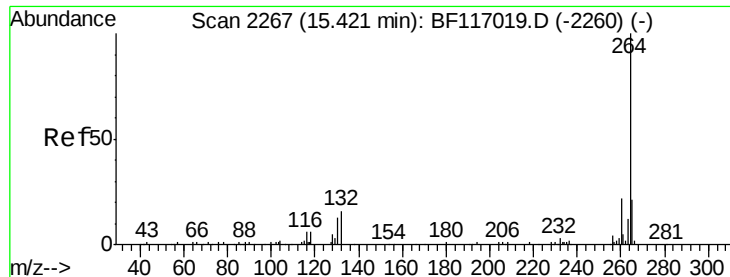
#79
Terphenyl-d14
Concen: 57.915 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117295.D
Acq: 2 Oct 2019 13:17

Tgt Ion:244 Resp: 230416
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.8
122 12.2 11.3 16.9



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

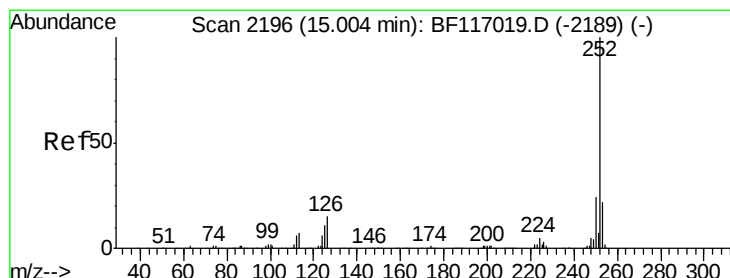
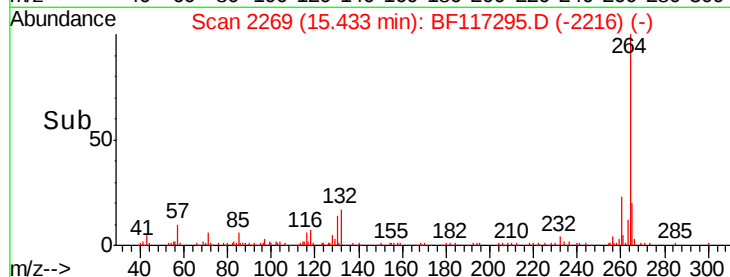
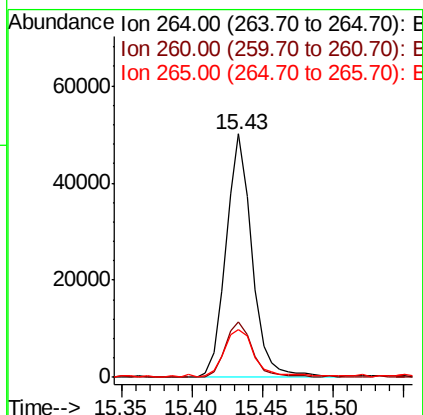
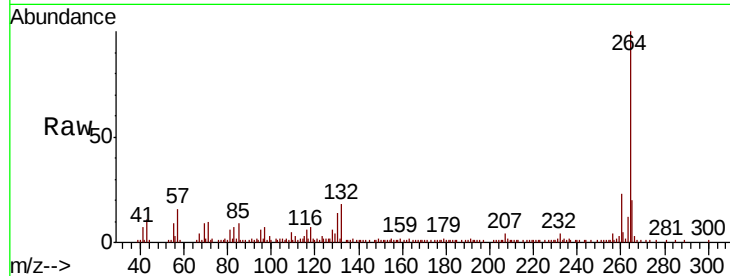




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF117295.D
Acq: 2 Oct 2019 13:17

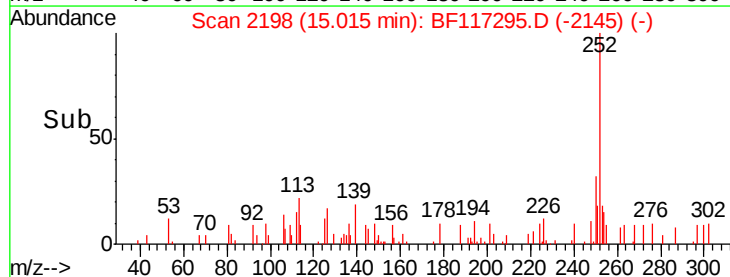
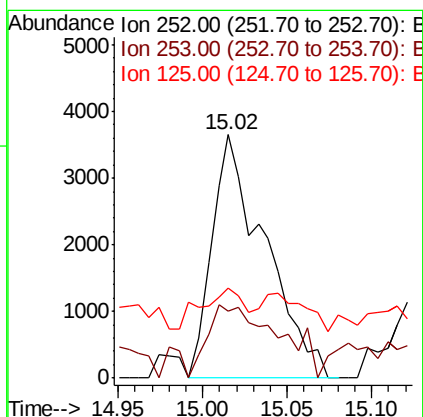
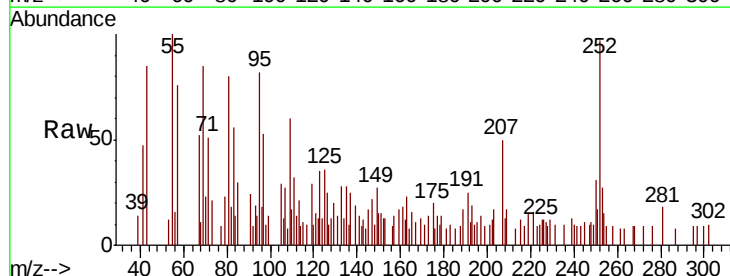
Instrument :
BNA_F
ClientSampleId :

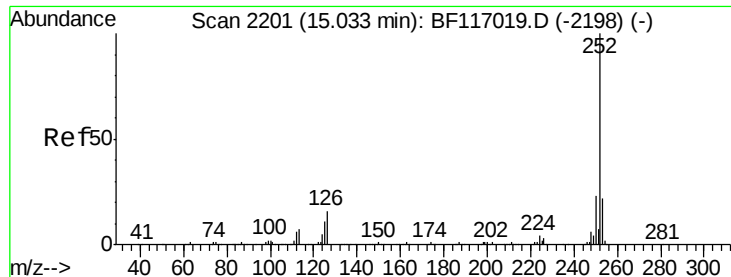
Tot Ion:264 Resp: 64331
Ion Ratio Lower Upper
264 100
260 22.7 17.6 26.4
265 19.8 16.6 24.8



#88
Benzo(b)fluoranthene
Concen: 2.043 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF117295.D
Acq: 2 Oct 2019 13:17

Tgt Ion:252 Resp: 7961
Ion Ratio Lower Upper
252 100
253 27.7 17.6 26.4#
125 37.2 8.6 12.8#

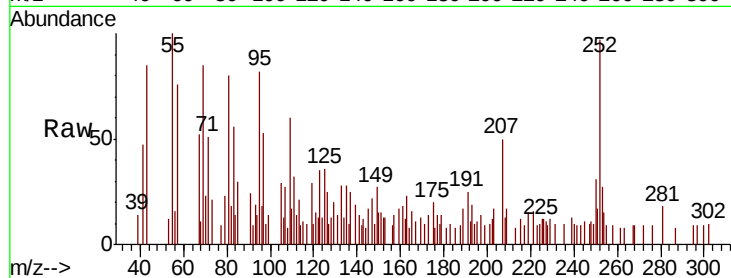




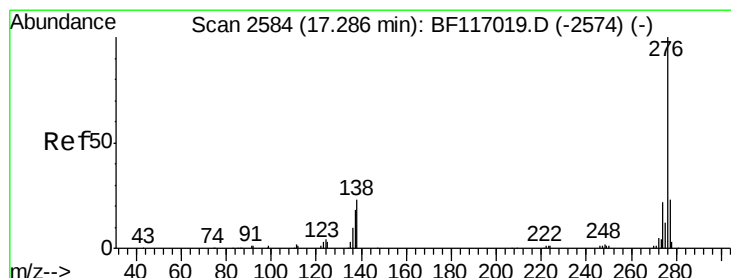
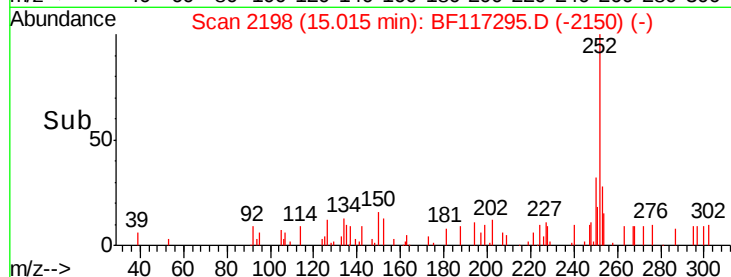
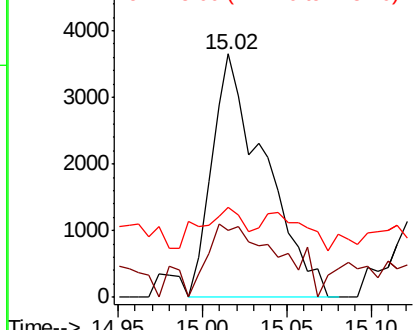
#89
Benzo(k)fluoranthene
Concen: 2.157 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BF117295.D
Acq: 2 Oct 2019 13:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 7961
Ion Ratio Lower Upper
252 100
253 27.7 17.4 26.2#
125 37.2 8.8 13.2#

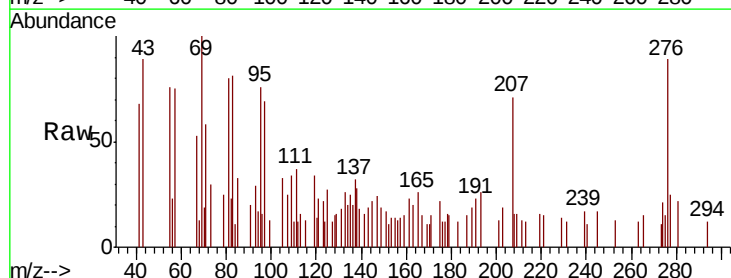


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#92
Benzo(g,h,i)perylene
Concen: 2.045 ng
RT: 17.33 min Scan# 2592
Delta R.T. 0.05 min
Lab File: BF117295.D
Acq: 2 Oct 2019 13:17

Tgt Ion:276 Resp: 5551
Ion Ratio Lower Upper
276 100
277 27.9 18.6 27.8#
138 30.8 18.0 27.0#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

