

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
 Data File : BF117576.D
 Acq On : 28 Oct 2019 21:51
 Operator : JU
 Sample : K5563-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 29 14:08:01 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	42515	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	172750	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	79929	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	105094	20.00	ng	0.00
76) Chrysene-d12	13.90	240	80329	20.00	ng	0.00
87) Perylene-d12	15.33	264	70797	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	216647	75.81	ng	0.00
7) Phenol-d6	6.38	99	292204	76.13	ng	0.00
23) Nitrobenzene-d5	7.29	82	184765	52.80	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	40258	58.21	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	241995	42.66	ng	-0.01
79) Terphenyl-d14	12.83	244	162099	32.91	ng	0.00

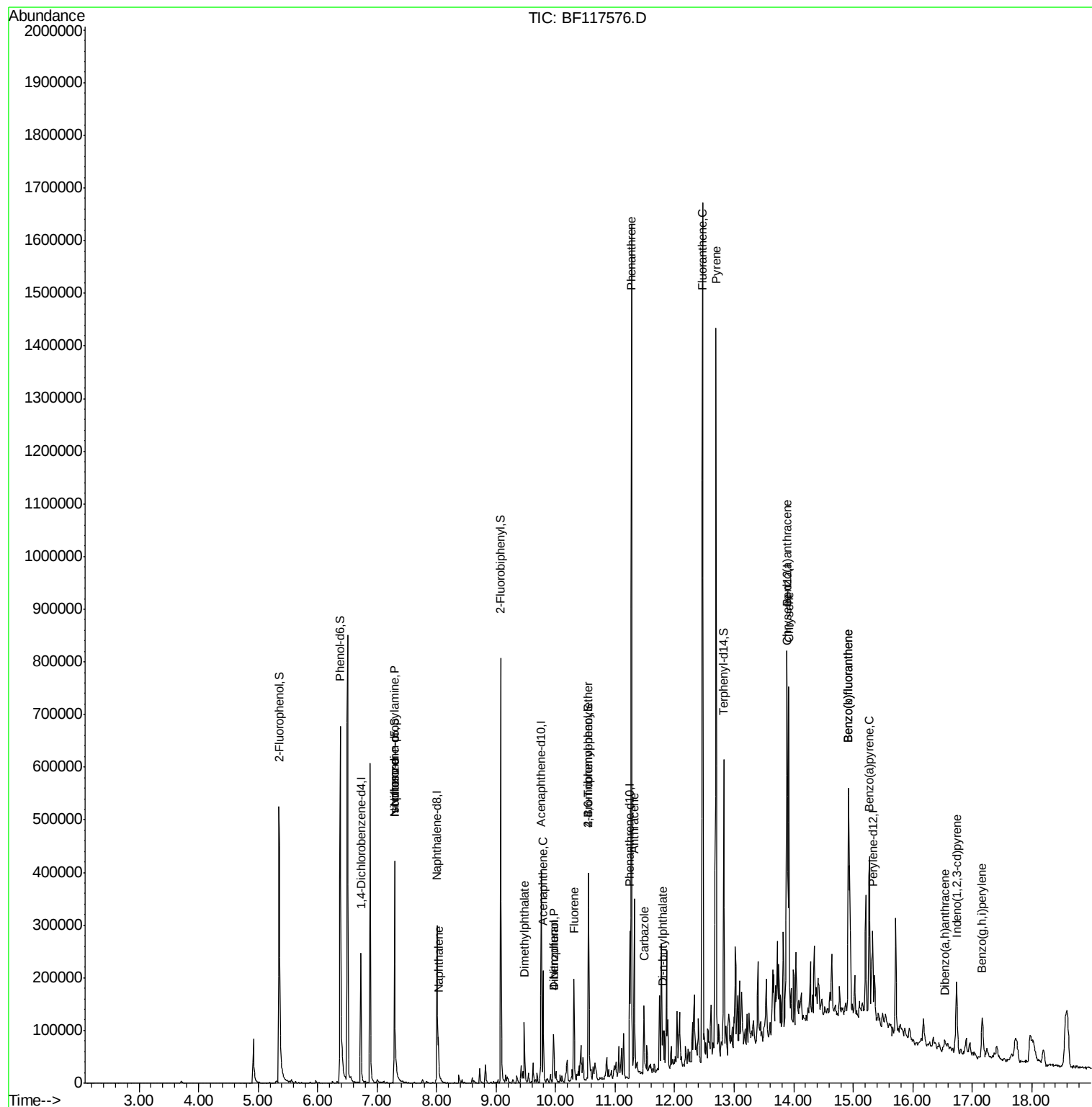
Target Compounds				Qvalue		
9) Benzaldehyde	6.38	77	357	Below Cal	#	3
19) n-Nitroso-di-n-propylamine	7.29	70	23808	10.156 ng	#	78
25) Isophorone	7.29	82	184776	30.524 ng	#	65
31) Naphthalene	8.03	128	35441	4.139 ng		97
50) Dimethylphthalate	9.47	163	48280	8.473 ng		97
52) Acenaphthene	9.79	154	47098	10.475 ng		100
55) Dibenzofuran	9.97	168	40705	6.249 ng		99
56) 4-Nitrophenol	9.97	139	15998	26.976 ng	#	7
58) Fluorene	10.31	166	56008	10.397 ng		97
67) 4-Bromophenyl-phenylether	10.55	248	2622	2.316 ng	#	1
71) Phenanthrene	11.27	178	601250	98.526 ng		99
72) Anthracene	11.32	178	136945	21.871 ng		97
73) Carbazole	11.49	167	50797	8.877 ng		98
74) Di-n-butylphthalate	11.80	149	30742	4.021 ng		99
75) Fluoranthene	12.47	202	643482	105.333 ng		99
77) Benzidine	12.57	184	135	Below Cal	#	1
78) Pyrene	12.70	202	516820	74.903 ng		99
81) Benzo(a)anthracene	13.89	228	271498	50.106 ng		98
83) Chrysene	13.92	228	217533	40.963 ng		97
86) Indeno(1,2,3-cd)pyrene	16.74	276	66467	16.764 ng		96
88) Benzo(b)fluoranthene	14.92	252	301712	72.169 ng		98
89) Benzo(k)fluoranthene	14.92	252	301712	70.413 ng	#	98
90) Benzo(a)pyrene	15.27	252	144848	38.107 ng		98
91) Dibenzo(a,h)anthracene	16.54	278	13088	3.982 ng		94
92) Benzo(g,h,i)perylene	17.17	276	59925	19.270 ng		93

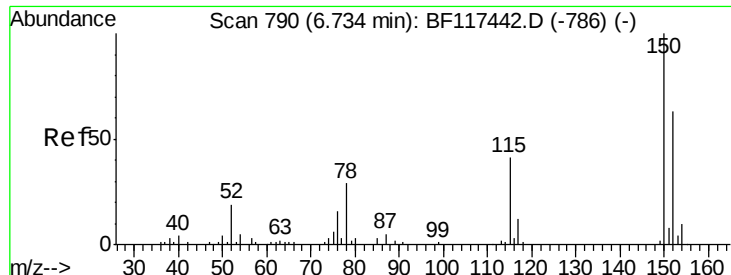
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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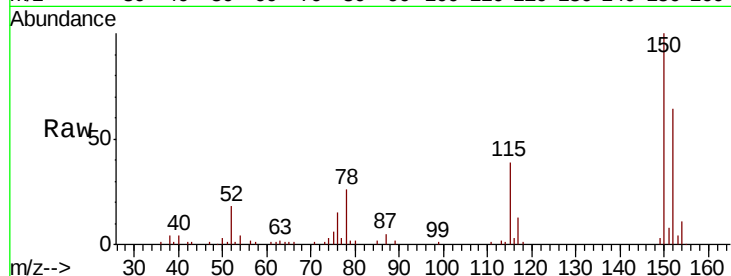


#1

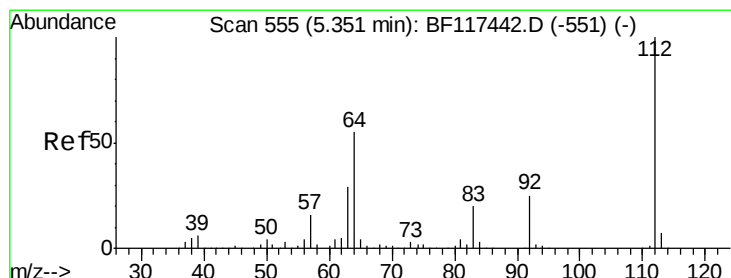
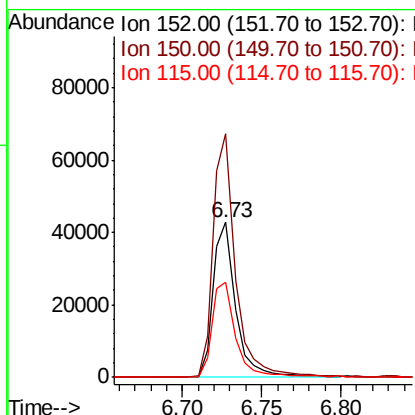
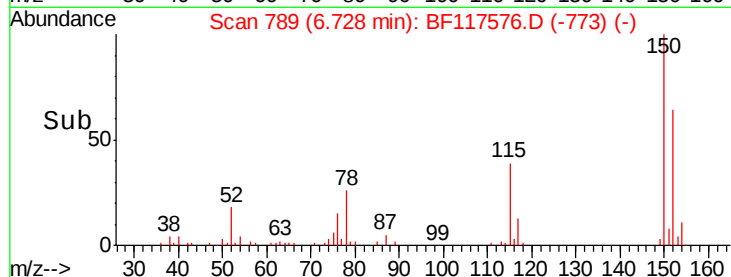
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117576.D
Acq: 28 Oct 2019 21:51

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 42515
Ion Ratio Lower Upper
152 100
150 157.3 126.8 190.2
115 61.6 51.6 77.4



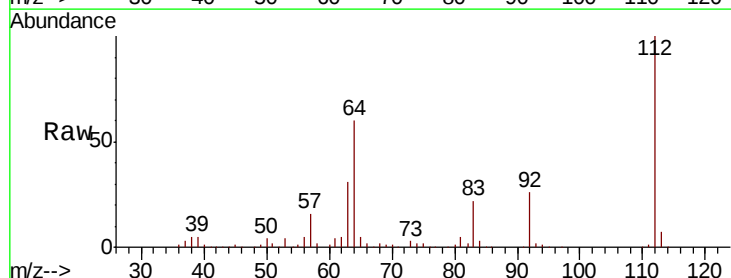
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



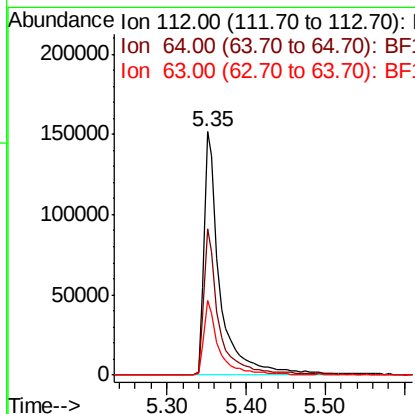
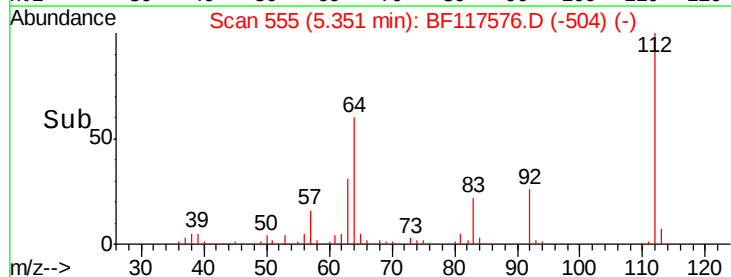
#5

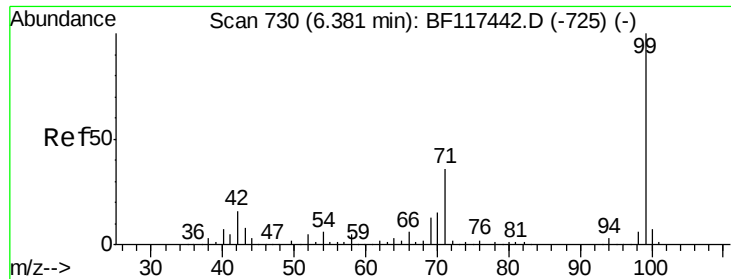
2-Fluorophenol
Concen: 75.810 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF117576.D
Acq: 28 Oct 2019 21:51

Tgt Ion:112 Resp: 216647
Ion Ratio Lower Upper
112 100
64 60.0 44.1 66.1
63 30.9 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: 76.129 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF117576.D

Acq: 28 Oct 2019 21:51

Instrument :

BNA_E

ClientSampleId :

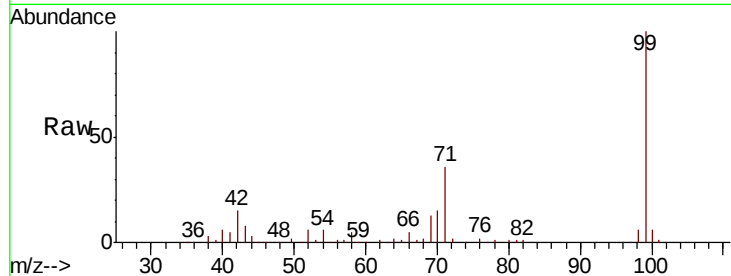
Tot Ion: 99 Resp: 292204

Ion Ratio Lower Upper

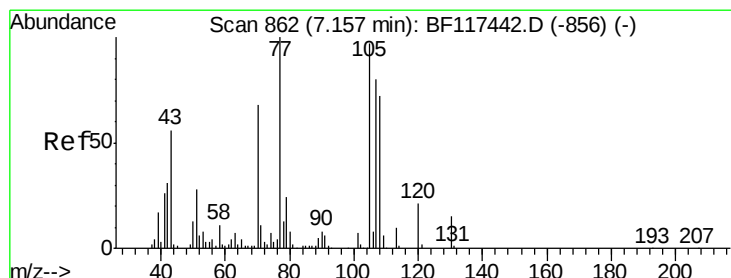
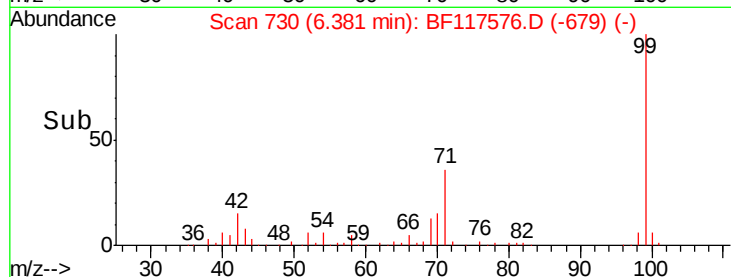
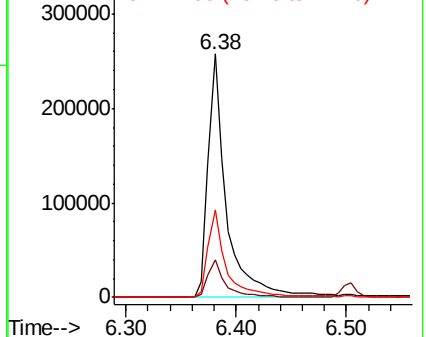
99 100

42 15.3 12.8 19.2

71 35.8 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



#19

n-Nitroso-di-n-propylamine

Concen: 10.156 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.14 min

Lab File: BF117576.D

Acq: 28 Oct 2019 21:51

Tgt Ion: 70 Resp: 23808

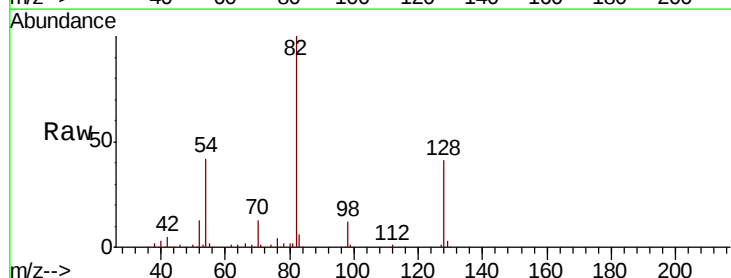
Ion Ratio Lower Upper

70 100

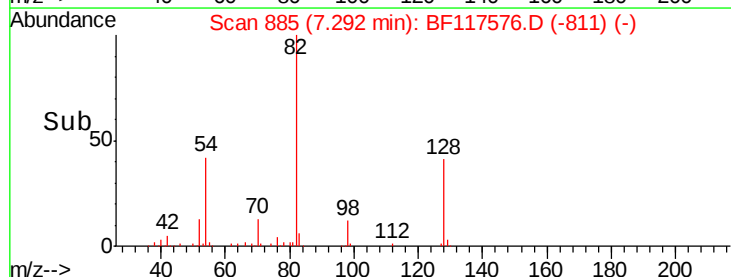
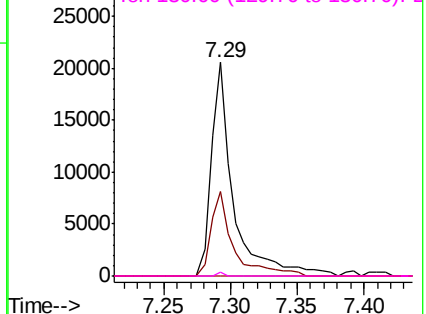
42 39.4 36.7 55.1

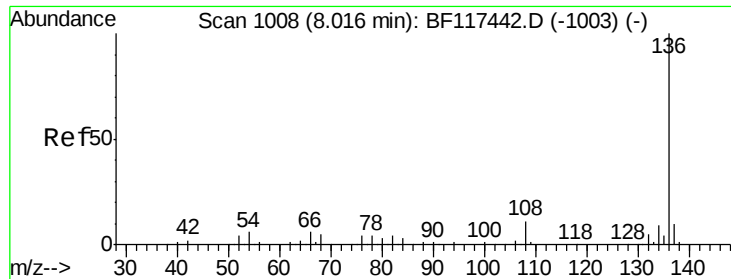
101 0.0 8.3 12.5#

130 1.9 18.1 27.1#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

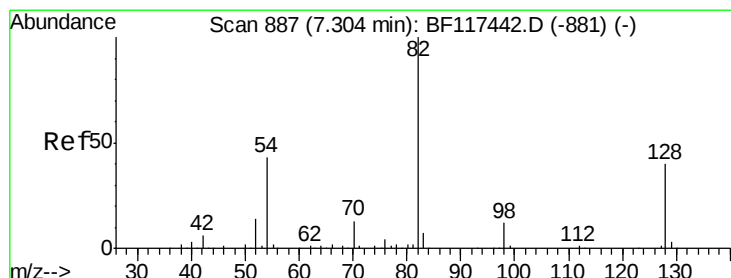
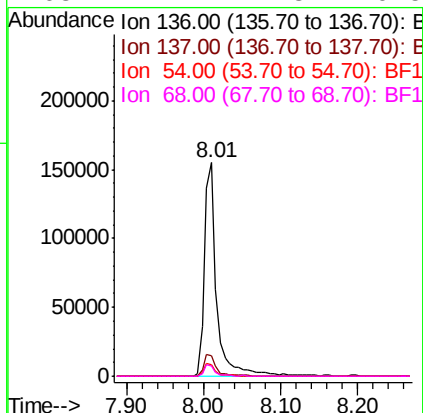
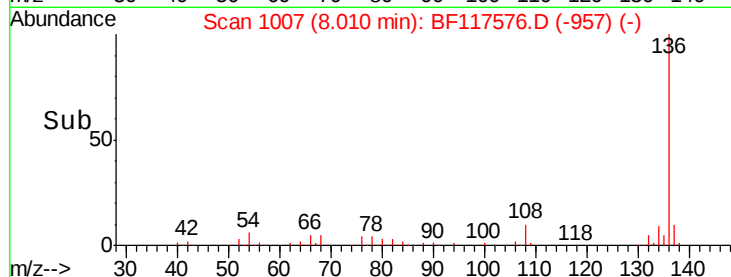
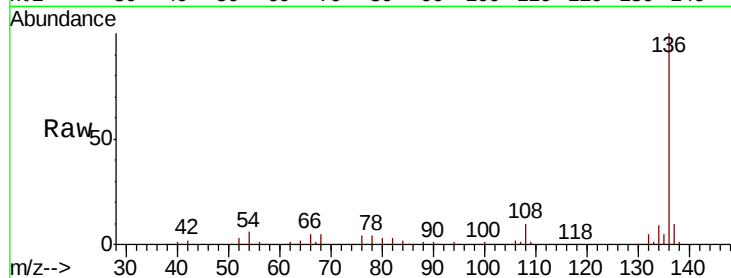




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117576.D
Acq: 28 Oct 2019 21:51

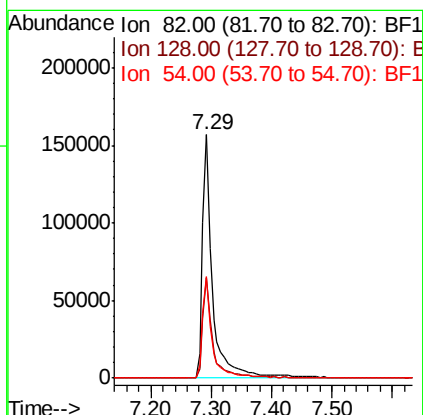
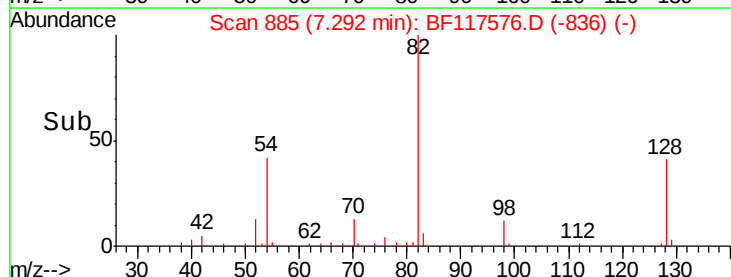
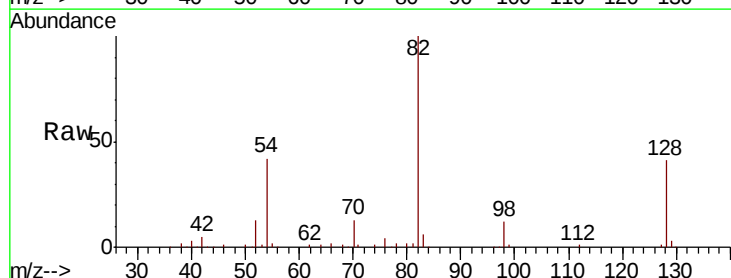
Instrument :
BNA_E
ClientSampleId :

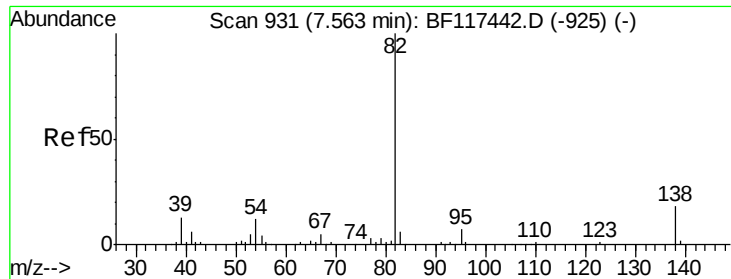
Tot Ion:	136	Resp:	172750
Ion	Ratio	Lower	Upper
136	100		
137	9.7	8.2	12.4
54	5.6	4.5	6.7
68	4.7	4.3	6.5



#23
Nitrobenzene-d5
Concen: 52.801 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117576.D
Acq: 28 Oct 2019 21:51

Tgt Ion:	82	Resp:	184765
Ion	Ratio	Lower	Upper
82	100		
128	40.9	32.2	48.2
54	41.7	34.2	51.2





#25

Isophorone

Concen: 30.524 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.27 min

Lab File: BF117576.D

Acq: 28 Oct 2019 21:51

Instrument :

BNA_E

ClientSampleId :

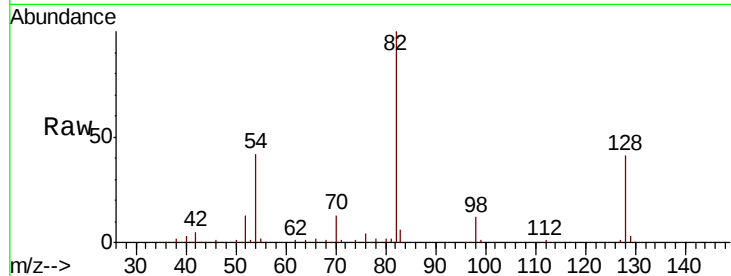
Tot Ion: 82 Resp: 184776

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

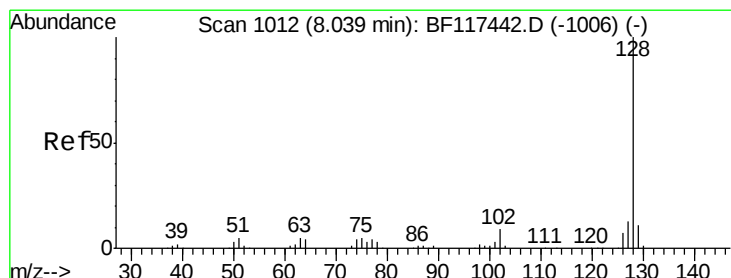
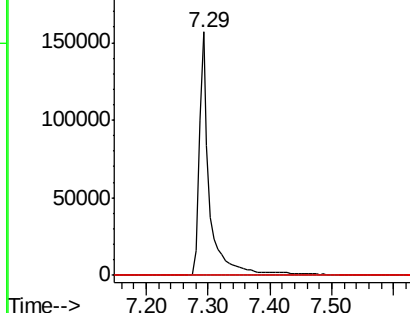
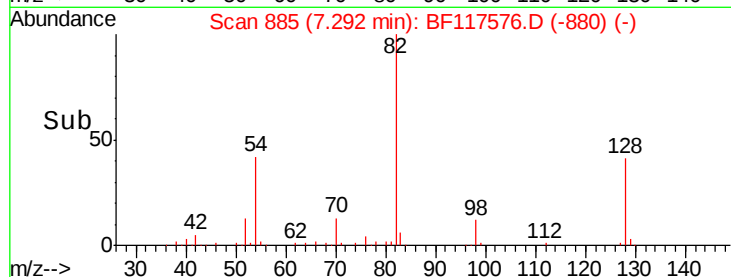
138 0.0 14.2 21.2#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#31

Naphthalene

Concen: 4.139 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF117576.D

Acq: 28 Oct 2019 21:51

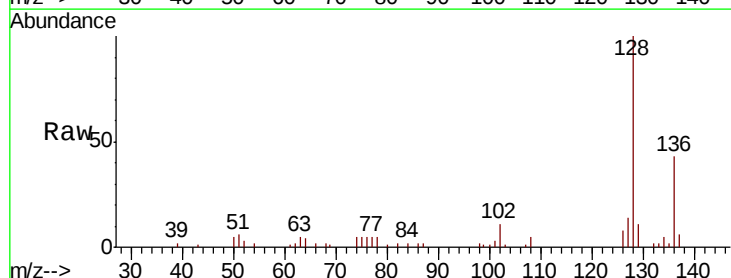
Tgt Ion: 128 Resp: 35441

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.4

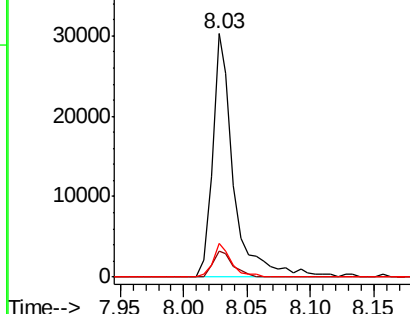
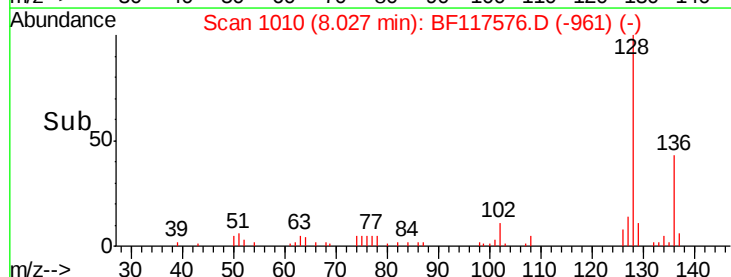
127 14.1 10.2 15.2

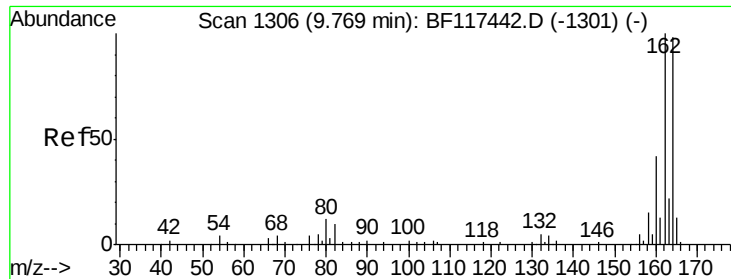


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF117576.D

Acq: 28 Oct 2019 21:51

Instrument :

BNA_E

ClientSampleId :

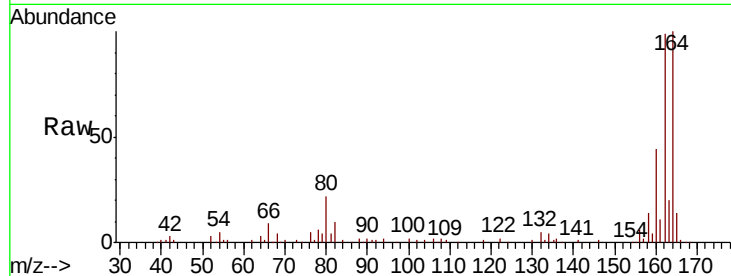
Tot Ion:164 Resp: 79929

Ion Ratio Lower Upper

164 100

162 99.2 81.8 122.6

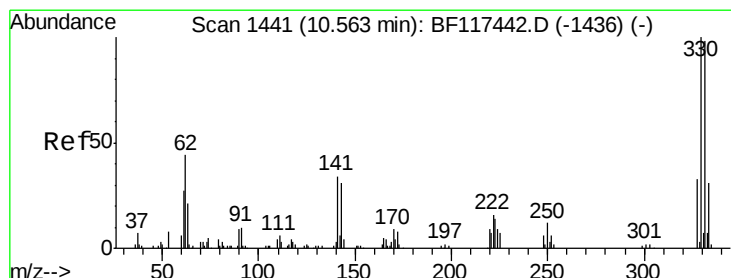
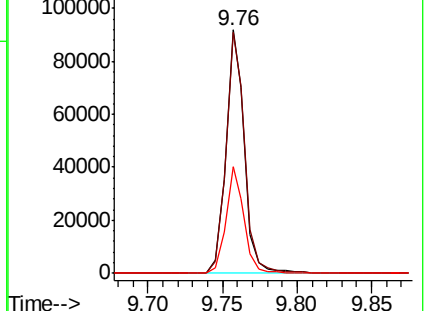
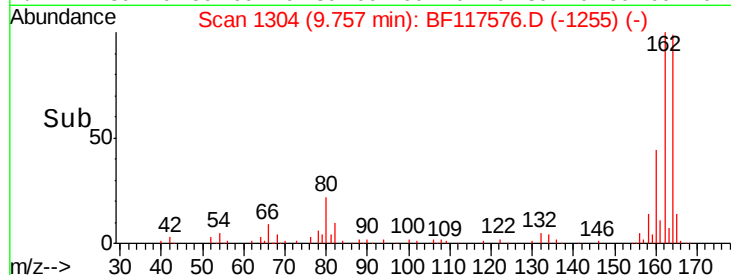
160 43.8 34.4 51.6



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: 58.211 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF117576.D

Acq: 28 Oct 2019 21:51

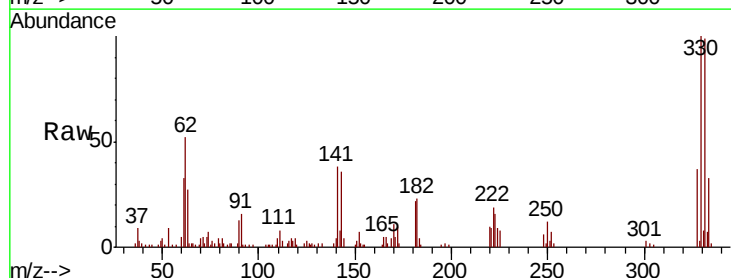
Tgt Ion:330 Resp: 40258

Ion Ratio Lower Upper

330 100

332 97.8 78.5 117.7

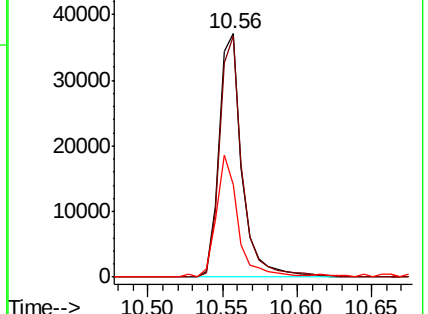
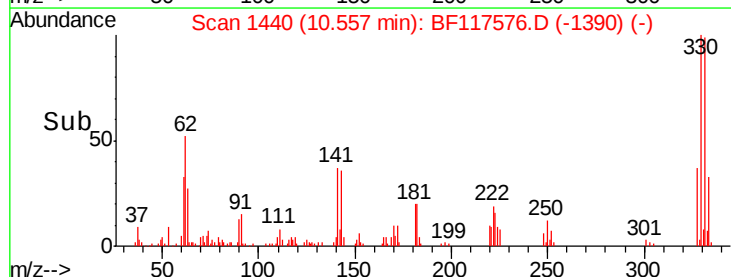
141 47.4 37.0 55.6

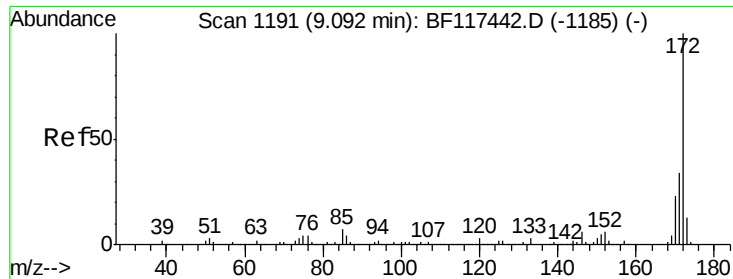


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

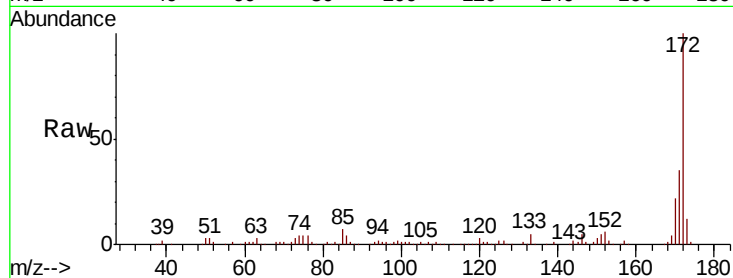




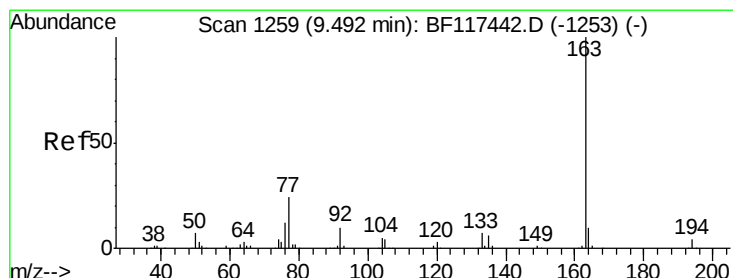
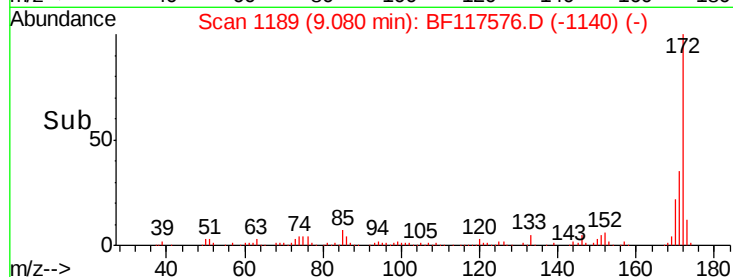
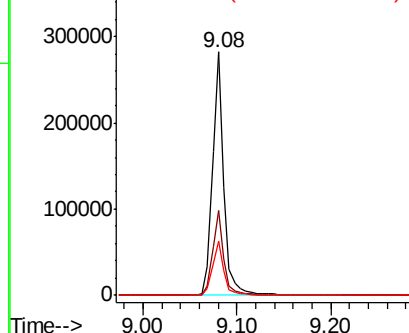
#45
2-Fluorobiphenyl
Concen: 42.659 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117576.D
Acq: 28 Oct 2019 21:51

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 241995
Ion Ratio Lower Upper
172 100
171 34.6 27.5 41.3
170 22.2 18.6 27.8

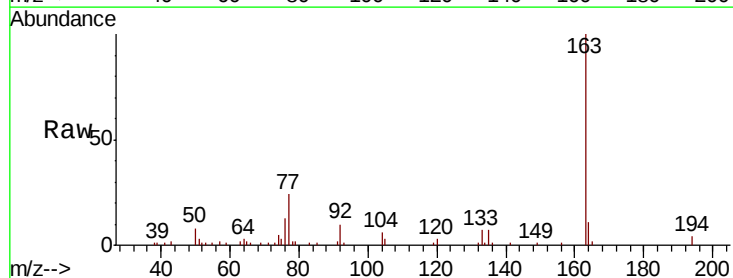


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

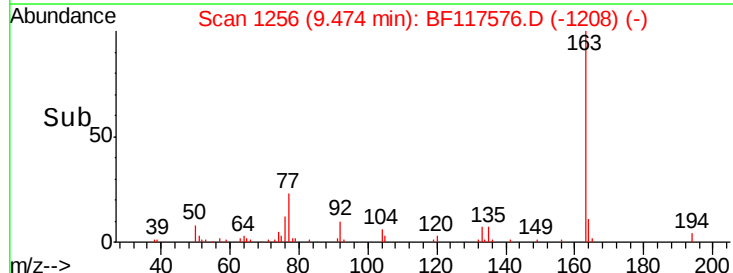
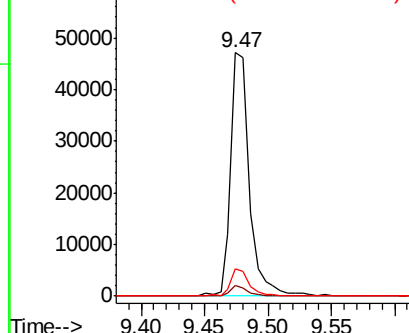


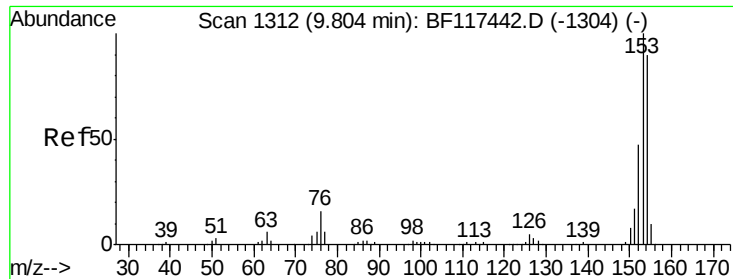
#50
Dimethylphthalate
Concen: 8.473 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF117576.D
Acq: 28 Oct 2019 21:51

Tgt Ion:163 Resp: 48280
Ion Ratio Lower Upper
163 100
194 4.2 2.9 4.3
164 11.4 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





#52

Acenaphthene

Concen: 10.475 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF117576.D

Acq: 28 Oct 2019 21:51

Instrument :

BNA_E

ClientSampleId :

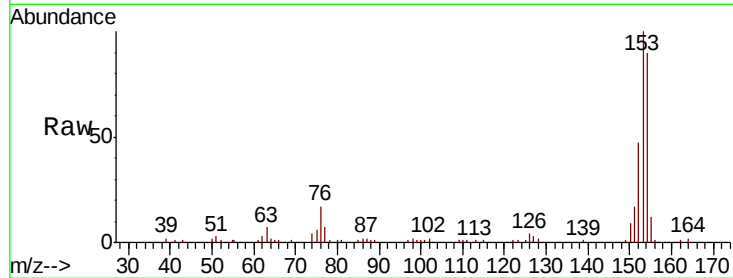
Tot Ion:154 Resp: 47098

Ion Ratio Lower Upper

154 100

153 111.0 89.2 133.8

152 52.3 41.8 62.6

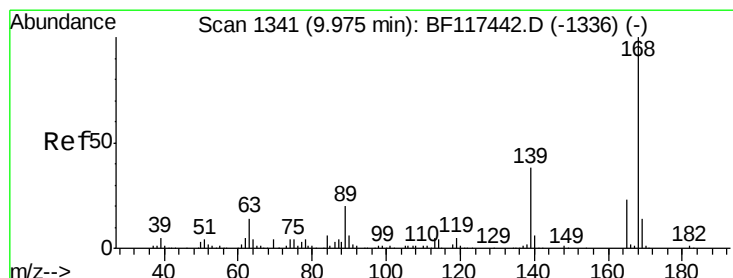
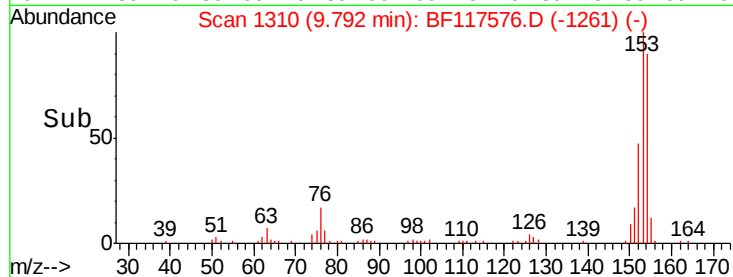
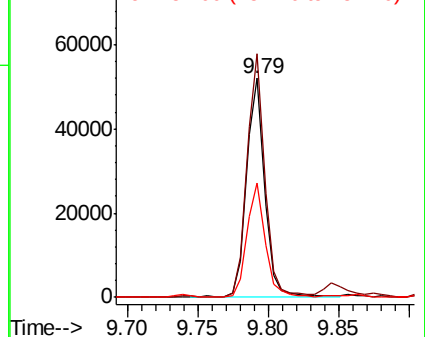


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#55

Dibenzofuran

Concen: 6.249 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF117576.D

Acq: 28 Oct 2019 21:51

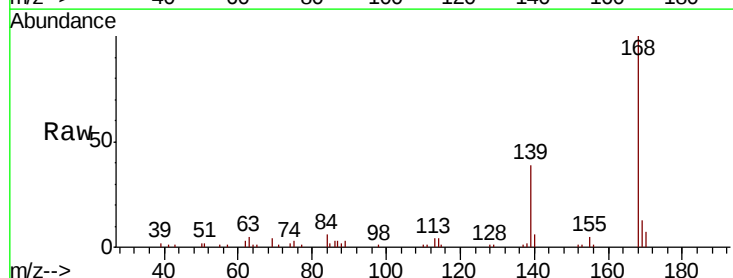
Tgt Ion:168 Resp: 40705

Ion Ratio Lower Upper

168 100

139 38.8 31.8 47.6

169 13.3 11.2 16.8

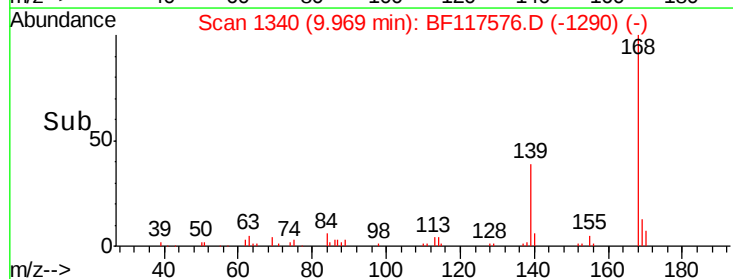
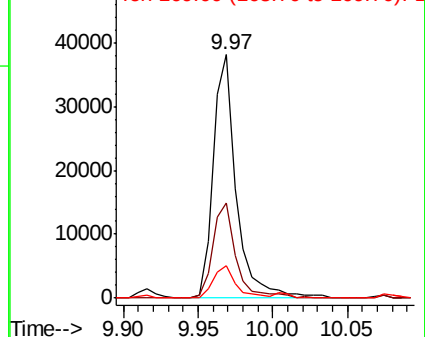


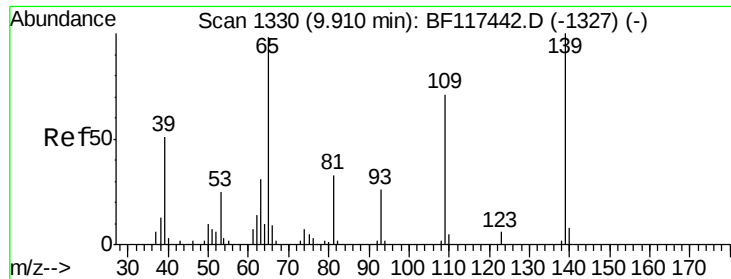
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

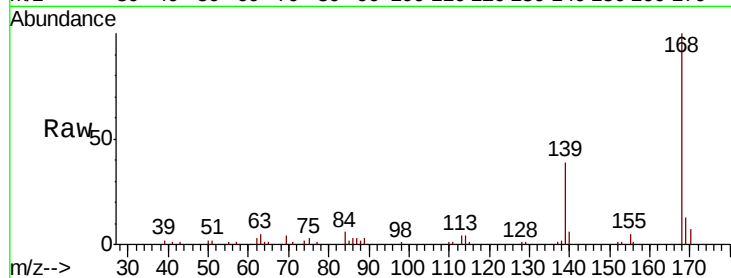




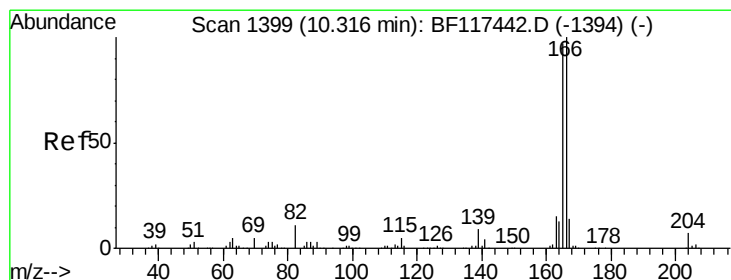
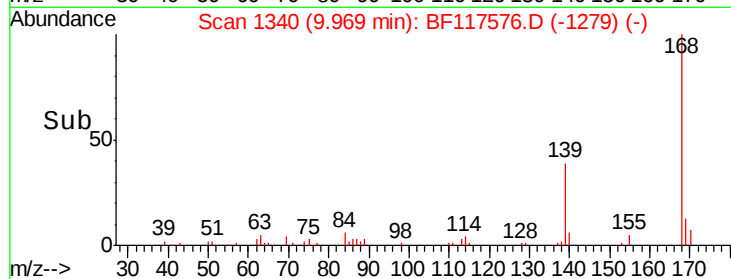
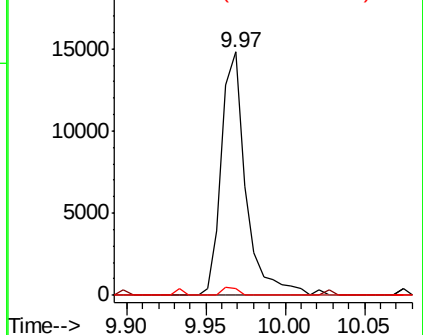
#56
4-Nitrophenol
Concen: 26.976 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.06 min
Lab File: BF117576.D
Acq: 28 Oct 2019 21:51

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	0.0	51.4	91.4#
65	2.6	79.4	119.4#

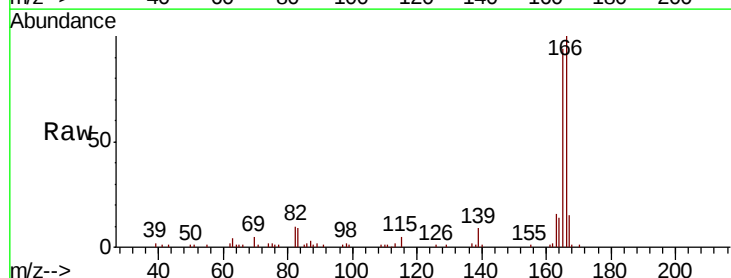


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

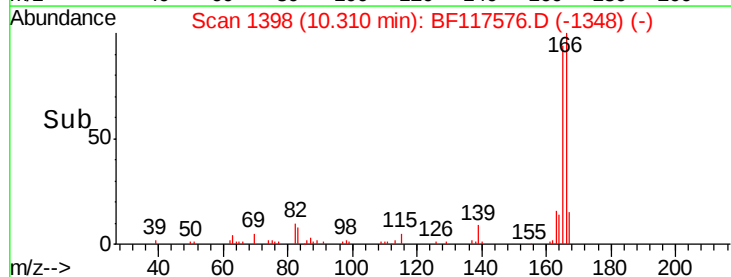
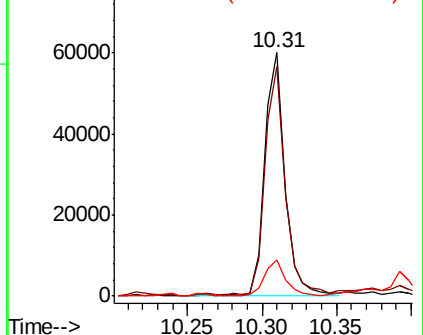


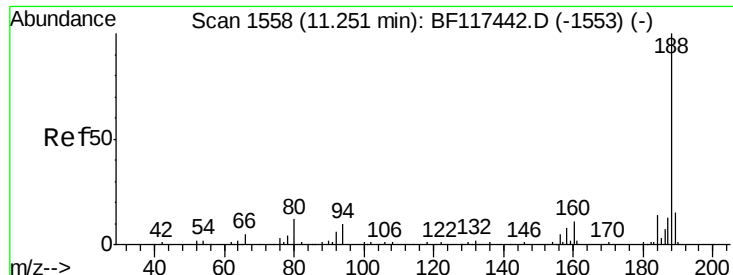
#58
Fluorene
Concen: 10.397 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF117576.D
Acq: 28 Oct 2019 21:51

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.4	77.6	116.4
167	14.9	11.0	16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

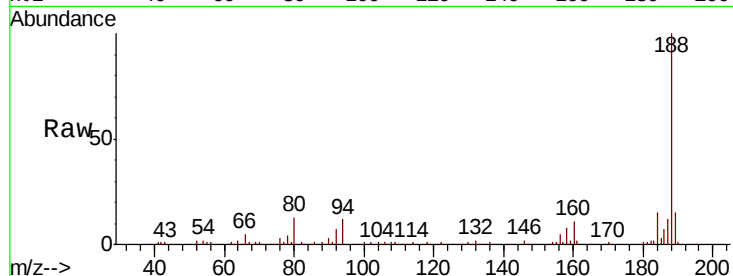




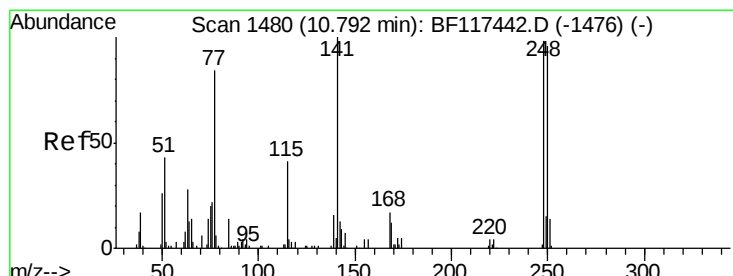
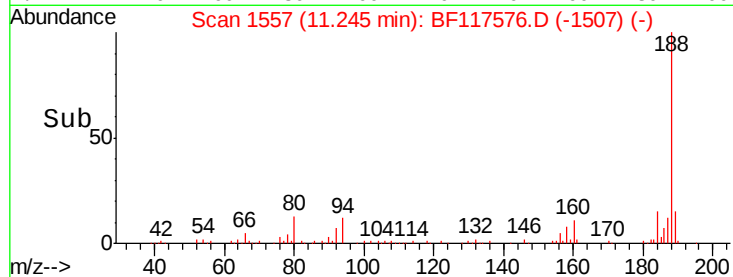
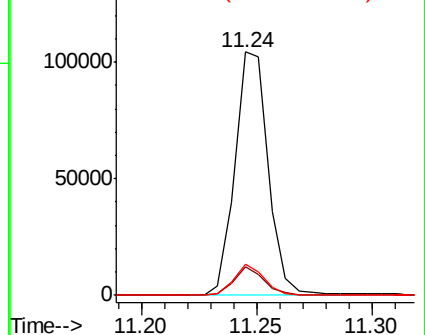
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF117576.D
 Acq: 28 Oct 2019 21:51

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:188 Resp: 105094
 Ion Ratio Lower Upper
 188 100
 94 11.8 8.0 12.0
 80 12.7 9.5 14.3

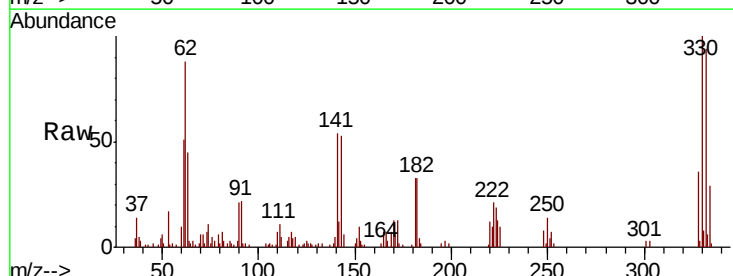


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

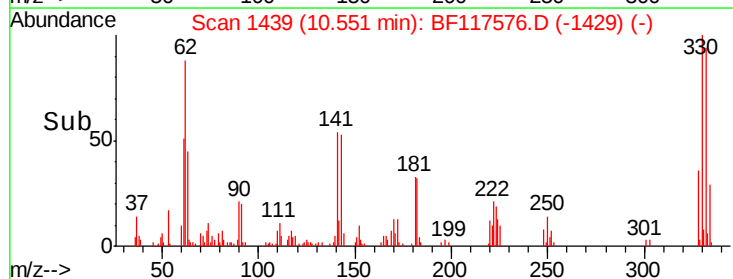
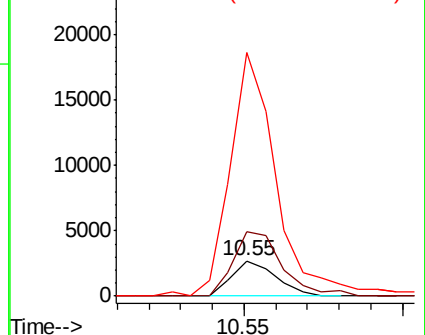


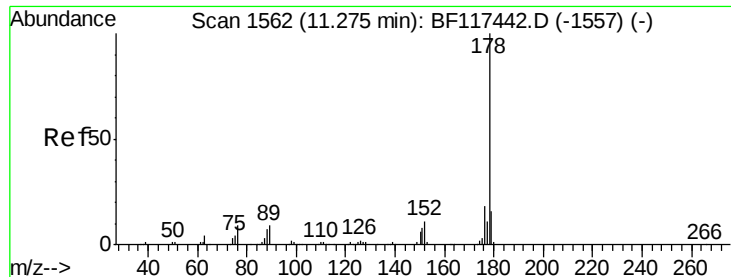
#67
 4-Bromophenyl-phenylether
 Concen: 2.316 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.24 min
 Lab File: BF117576.D
 Acq: 28 Oct 2019 21:51

Tgt Ion:248 Resp: 2622
 Ion Ratio Lower Upper
 248 100
 250 182.7 78.0 117.0#
 141 693.5 81.7 122.5#



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





#71

Phenanthrene

Concen: 98.526 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BF117576.D

Acq: 28 Oct 2019 21:51

Instrument :

BNA_E

ClientSampleId :

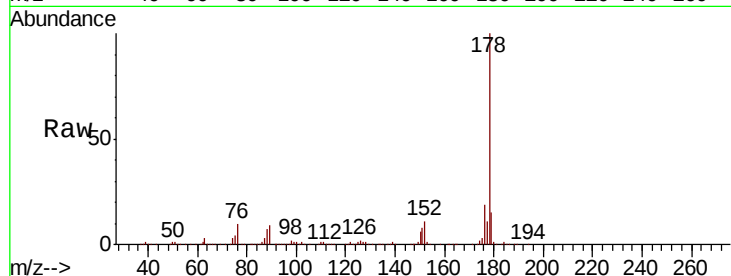
Tot Ion:178 Resp: 601250

Ion Ratio Lower Upper

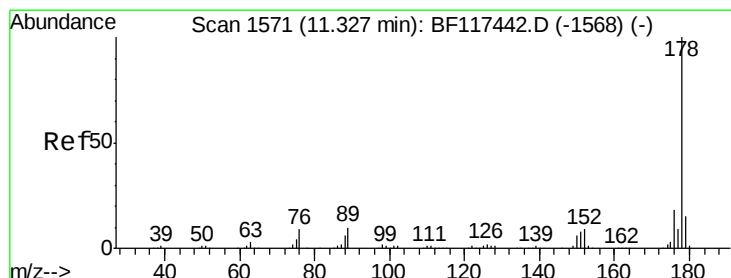
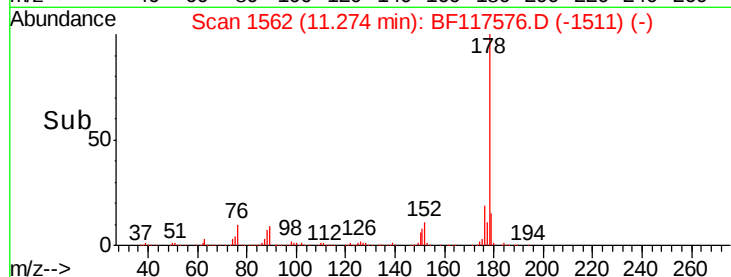
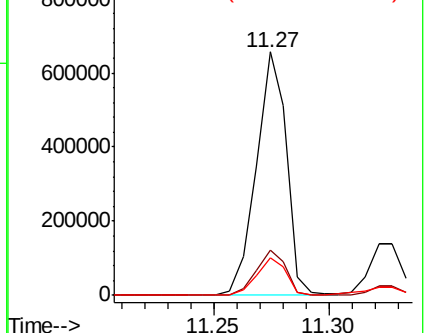
178 100

176 18.6 14.6 22.0

179 15.4 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 21.871 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BF117576.D

Acq: 28 Oct 2019 21:51

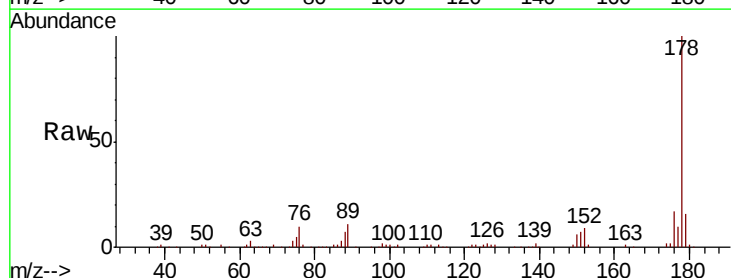
Tgt Ion:178 Resp: 136945

Ion Ratio Lower Upper

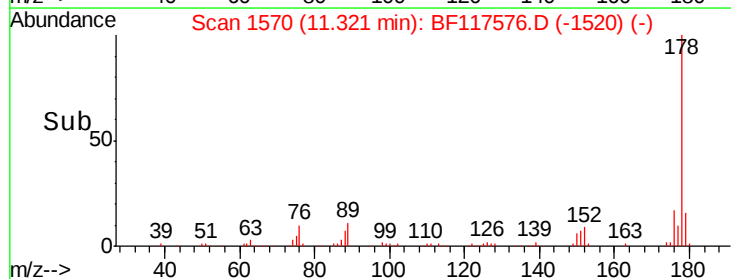
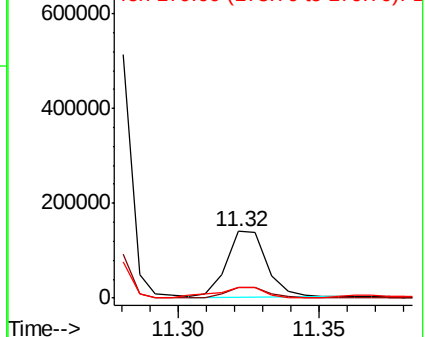
178 100

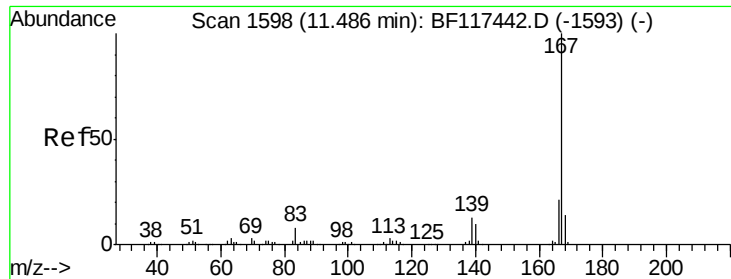
176 16.8 14.7 22.1

179 16.4 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

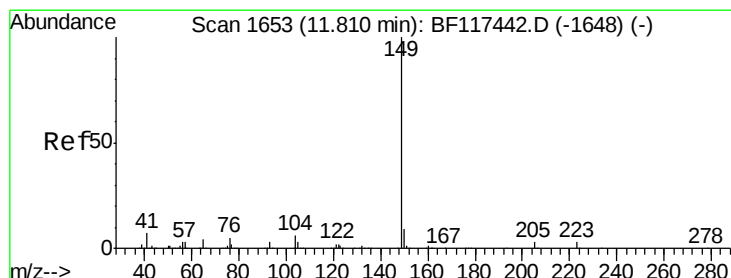
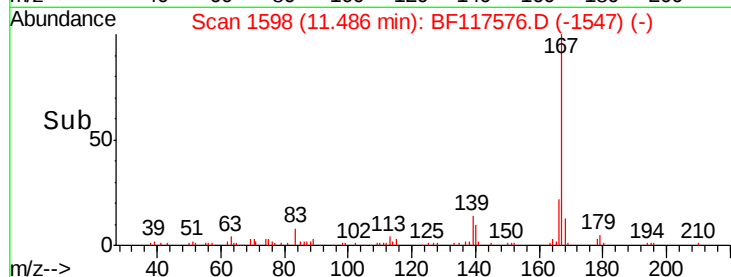
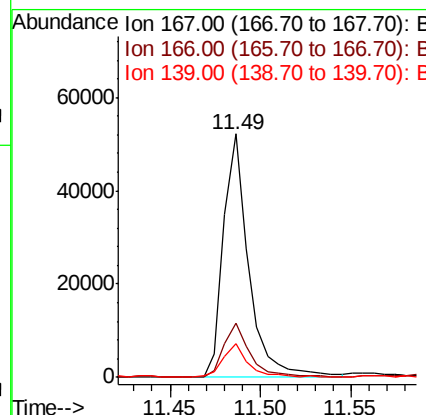
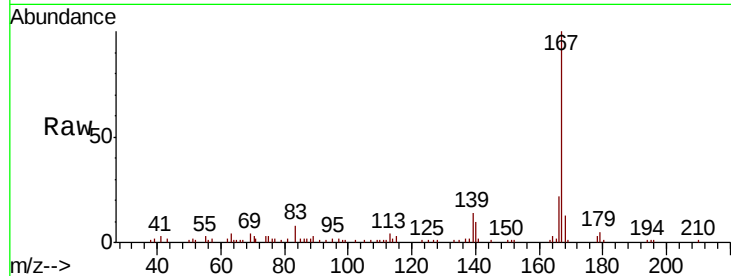




#73
 Carbazole
 Concen: 8.877 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF117576.D
 Acq: 28 Oct 2019 21:51

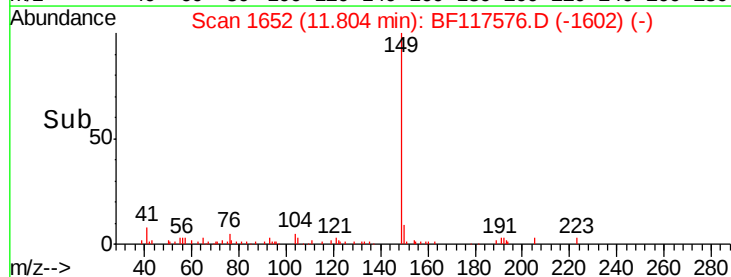
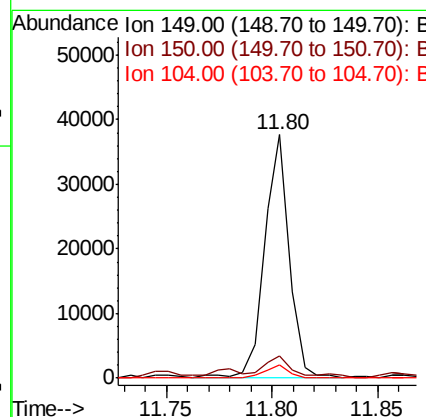
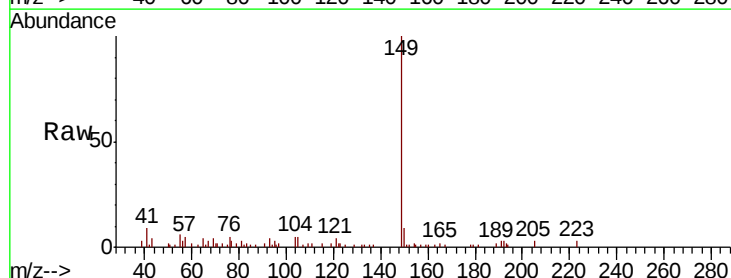
Instrument :
 BNA_E
 ClientSampleId :

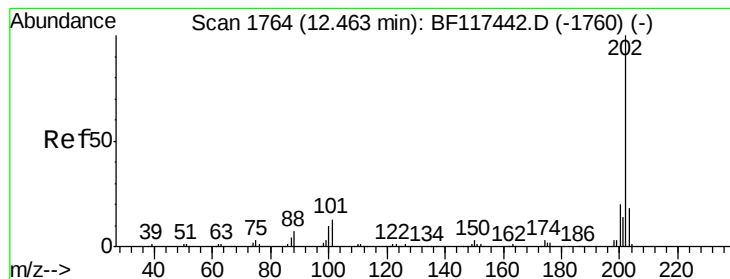
Tot Ion:167 Resp: 50797
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.0 25.6
 139 14.1 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 4.021 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. -0.01 min
 Lab File: BF117576.D
 Acq: 28 Oct 2019 21:51

Tgt Ion:149 Resp: 30742
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 5.3 4.6 6.8





#75

Fluoranthene

Concen: 105.333 ng

RT: 12.47 min Scan# 1765

Delta R.T. 0.01 min

Lab File: BF117576.D

Acq: 28 Oct 2019 21:51

Instrument :

BNA_E

ClientSampled :

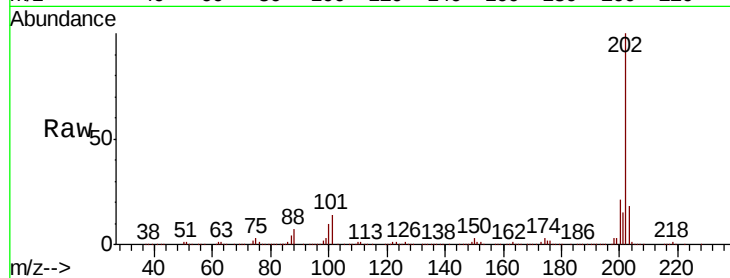
Tot Ion:202 Resp: 643482

Ion Ratio Lower Upper

202 100

101 13.8 0.0 32.7

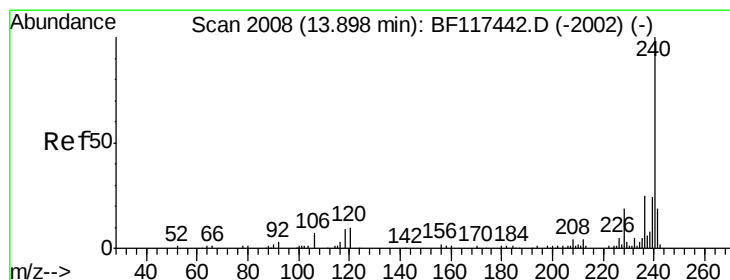
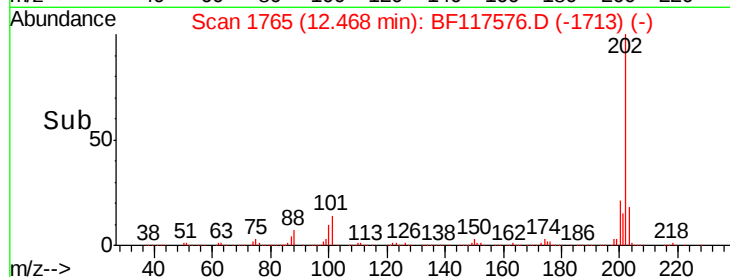
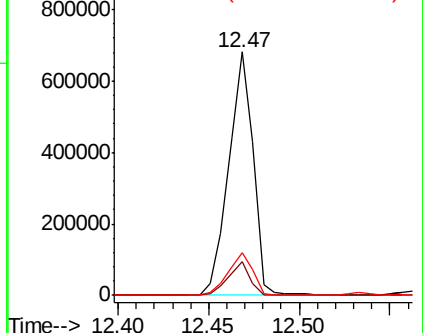
203 17.7 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF117576.D

Acq: 28 Oct 2019 21:51

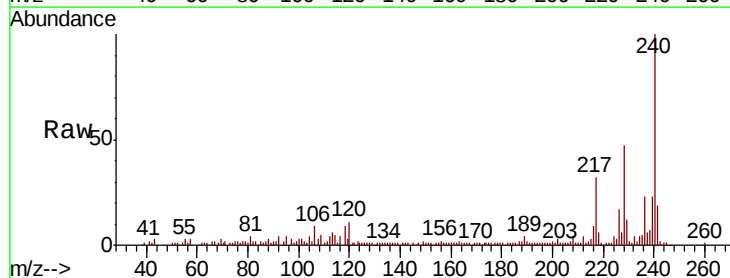
Tgt Ion:240 Resp: 80329

Ion Ratio Lower Upper

240 100

120 10.9 8.4 12.6

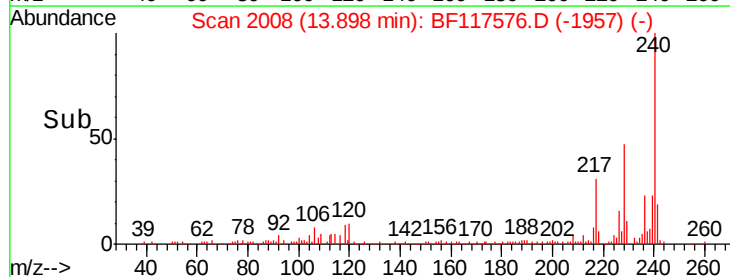
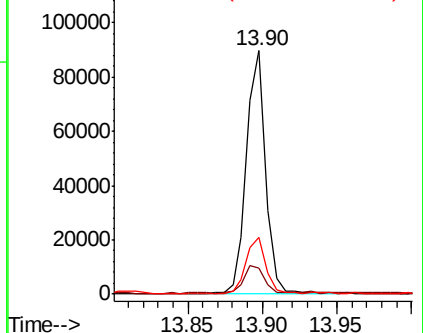
236 23.3 20.0 30.0

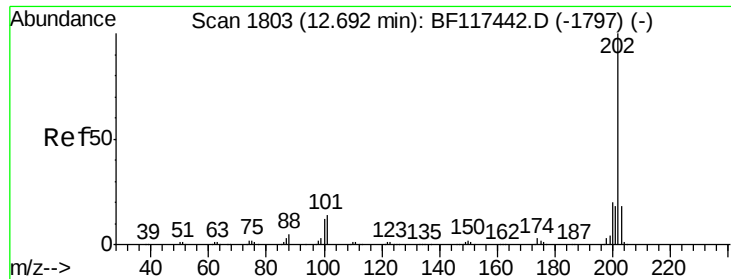


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

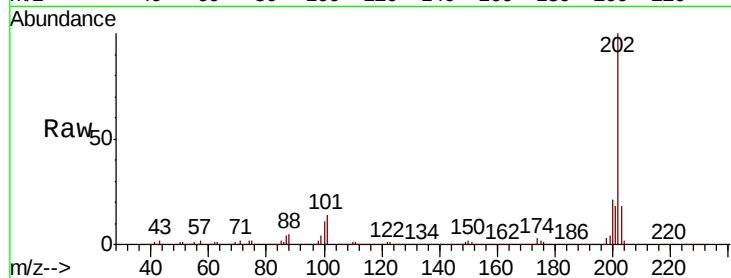




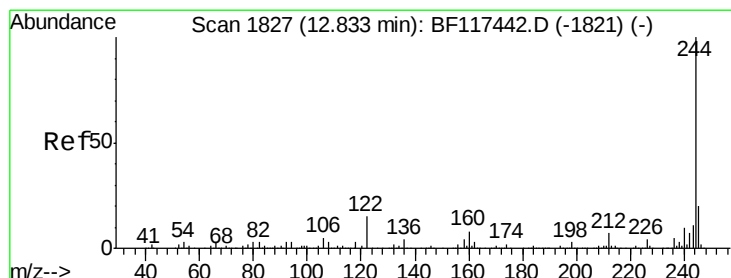
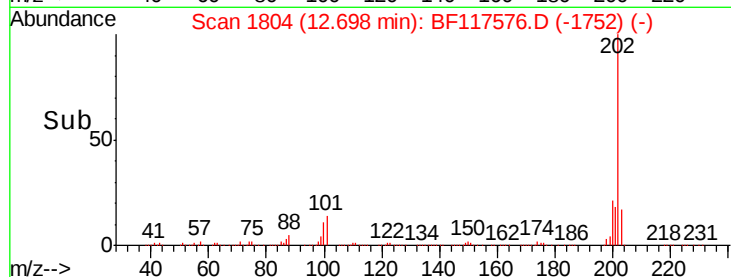
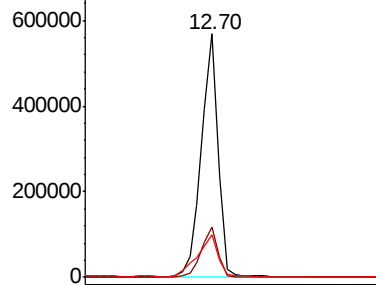
#78
Pvrene
Concen: 74.903 ng
RT: 12.70 min Scan# 1804
Delta R.T. 0.01 min
Lab File: BF117576.D
Acq: 28 Oct 2019 21:51

Instrument :
BNA_E
ClientSampleId :

Tot Ion:202 Resp: 516820
Ion Ratio Lower Upper
202 100
200 20.8 16.2 24.2
203 17.5 14.0 21.0

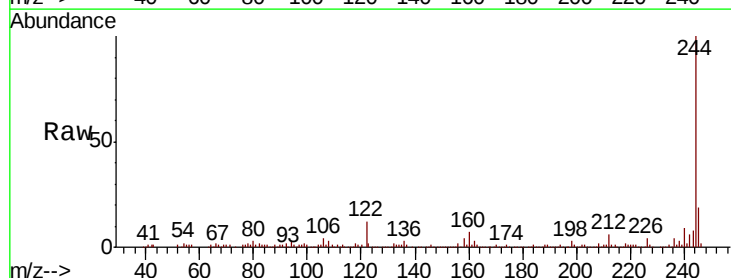


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

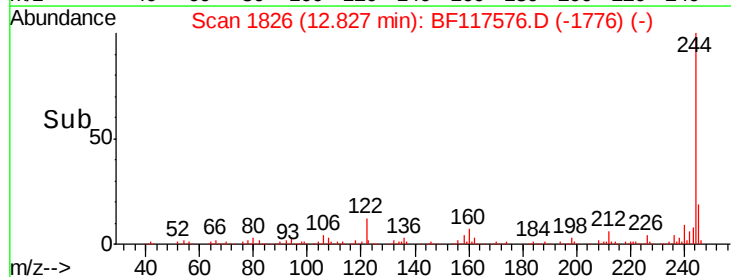
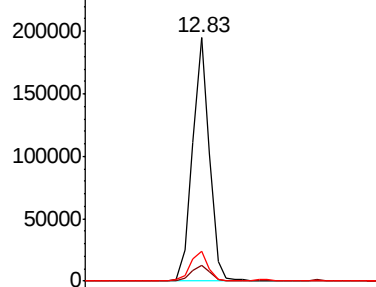


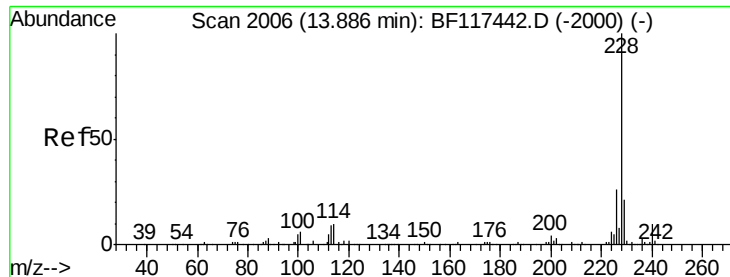
#79
Terphenyl-d14
Concen: 32.915 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF117576.D
Acq: 28 Oct 2019 21:51

Tgt Ion:244 Resp: 162099
Ion Ratio Lower Upper
244 100
212 6.5 5.8 8.6
122 12.4 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

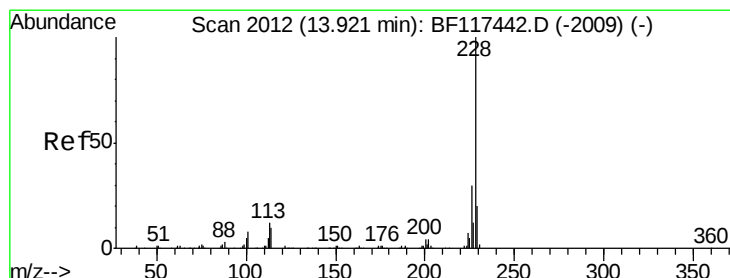
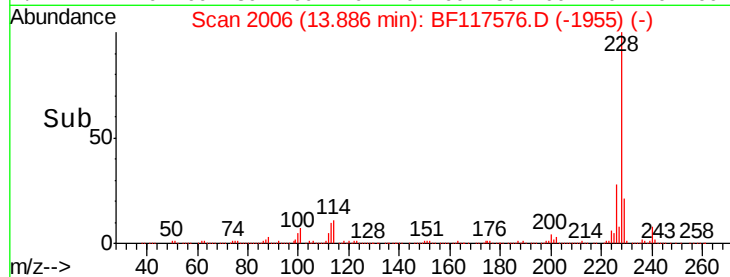
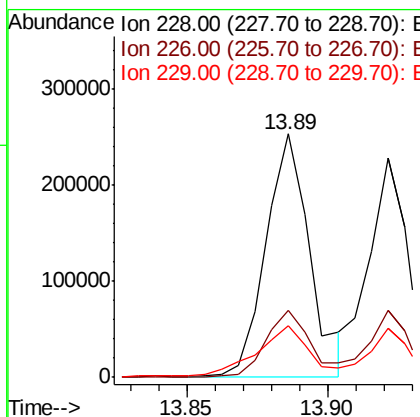
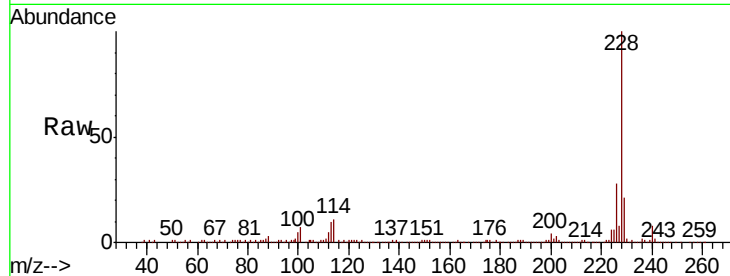




#81
Benzo(a)anthracene
Concen: 50.106 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF117576.D
Acq: 28 Oct 2019 21:51

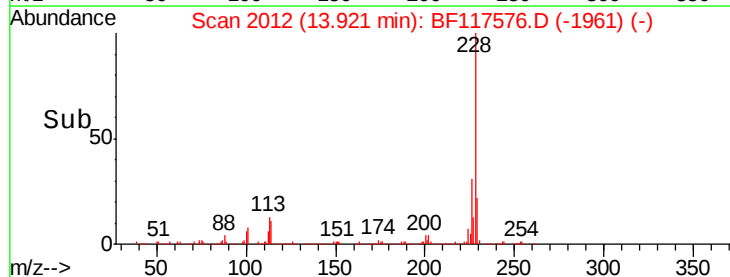
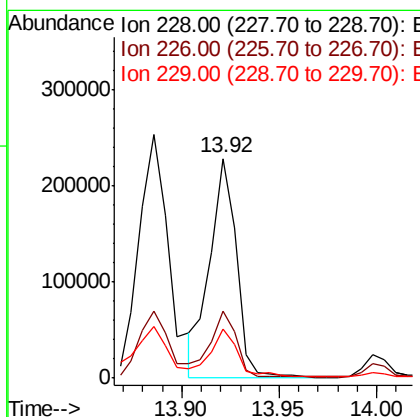
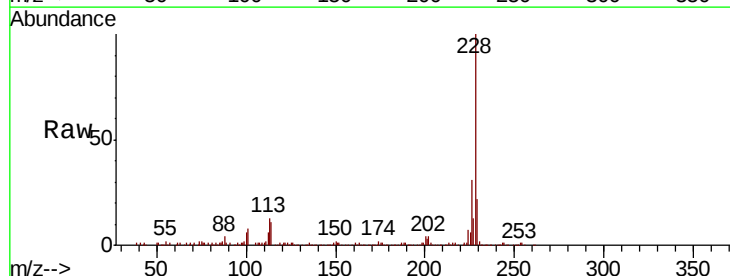
Instrument :
BNA_E
ClientSampleId :

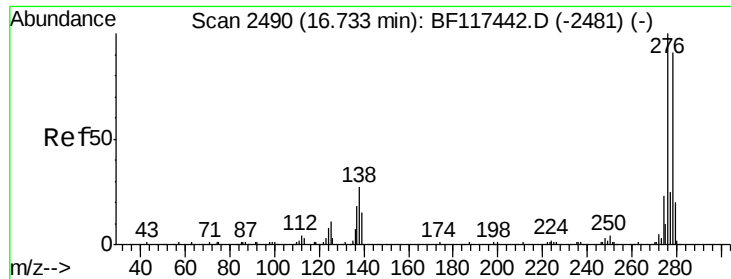
Tot Ion:228 Resp: 271498
Ion Ratio Lower Upper
228 100
226 27.7 21.0 31.4
229 21.0 16.4 24.6



#83
Chrysene
Concen: 40.963 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BF117576.D
Acq: 28 Oct 2019 21:51

Tgt Ion:228 Resp: 217533
Ion Ratio Lower Upper
228 100
226 30.7 23.9 35.9
229 22.3 15.8 23.6

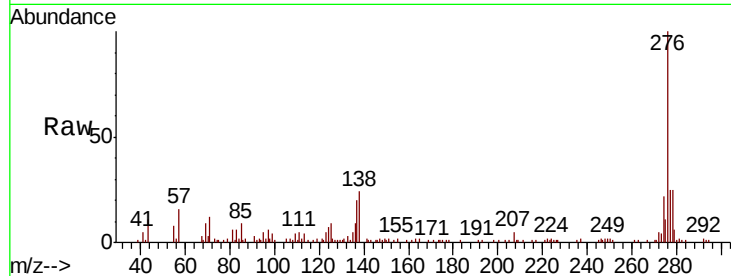




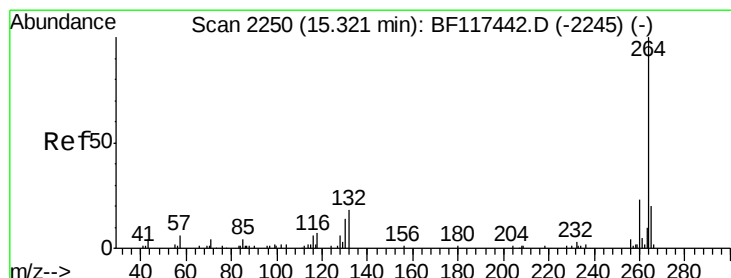
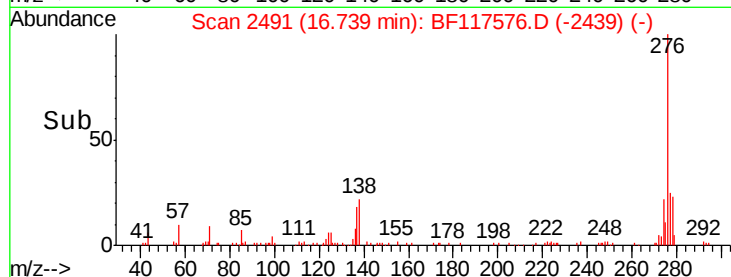
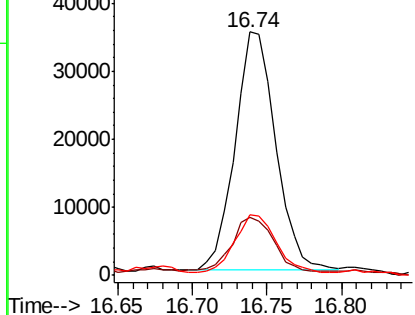
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 16.764 ng
 RT: 16.74 min Scan# 2491
 Delta R.T. 0.01 min
 Lab File: BF117576.D
 Acq: 28 Oct 2019 21:51

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.7	21.8	32.8
277	24.7	20.0	30.0

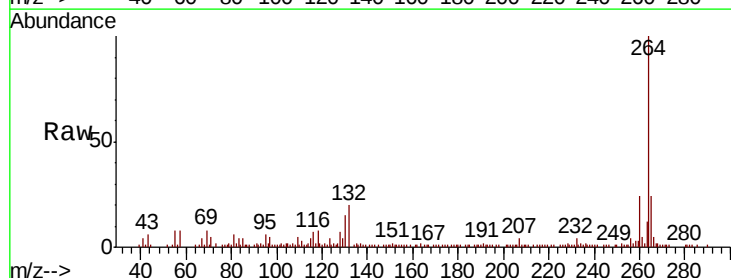


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

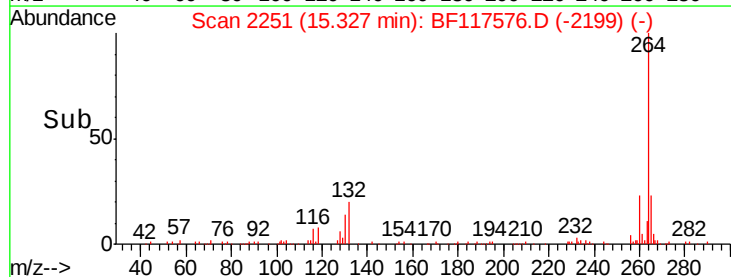
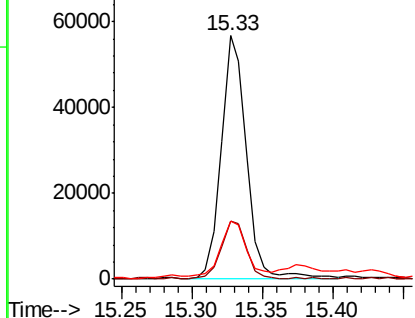


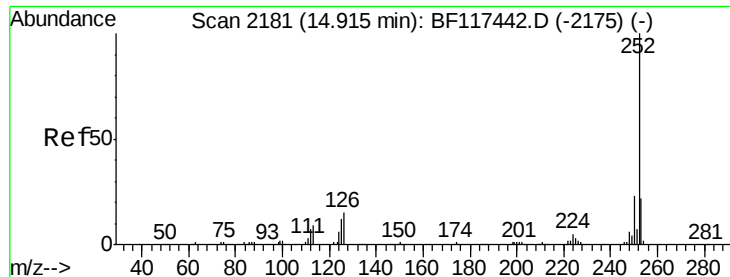
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2251
 Delta R.T. 0.01 min
 Lab File: BF117576.D
 Acq: 28 Oct 2019 21:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.4	27.6
265	23.7	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





#88

Benzo(b)fluoranthene

Concen: 72.169 ng

RT: 14.92 min Scan# 2182

Delta R.T. 0.01 min

Lab File: BF117576.D

Acq: 28 Oct 2019 21:51

Instrument :

BNA_E

ClientSampleId :

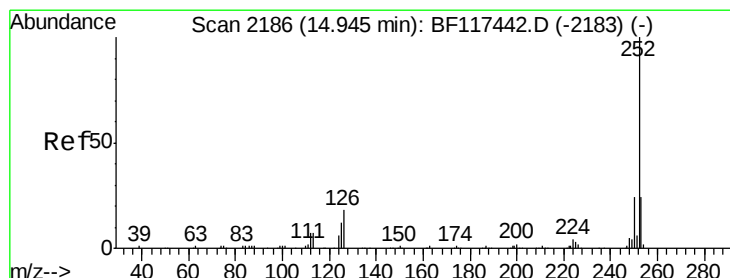
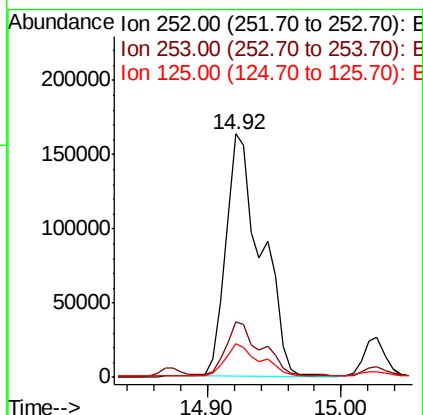
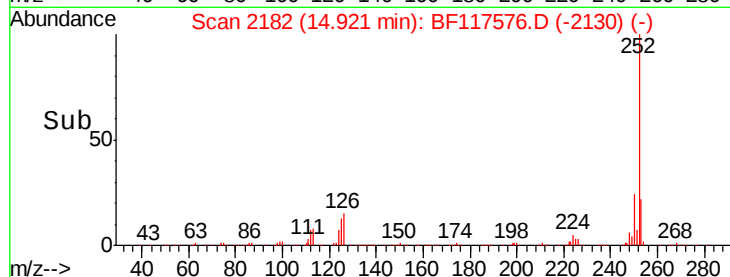
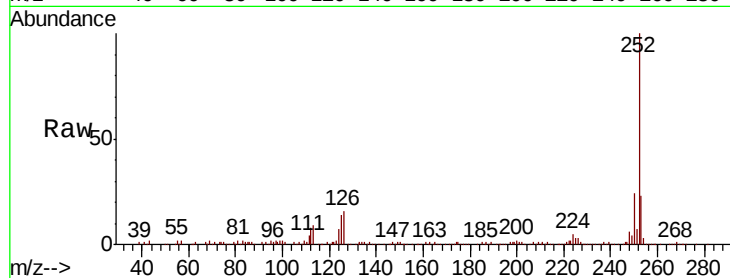
Tot Ion:252 Resp: 301712

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

125 13.6 9.9 14.9



#89

Benzo(k)fluoranthene

Concen: 70.413 ng

RT: 14.92 min Scan# 2182

Delta R.T. -0.02 min

Lab File: BF117576.D

Acq: 28 Oct 2019 21:51

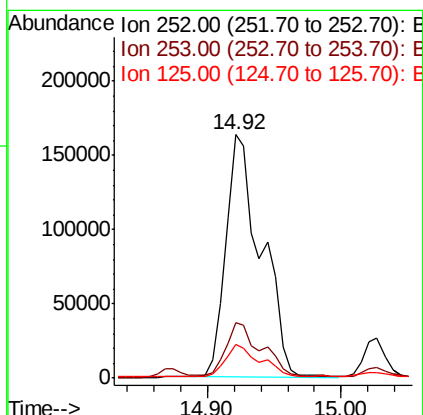
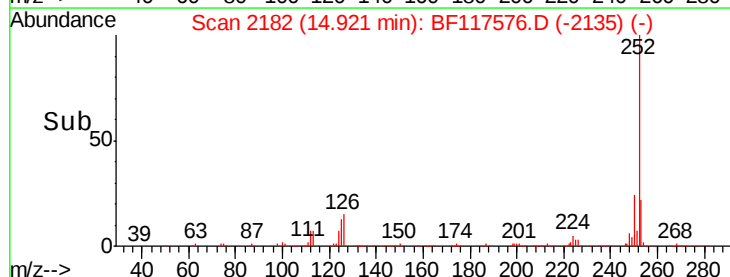
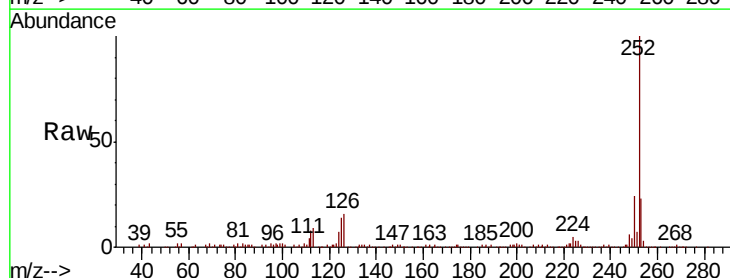
Tgt Ion:252 Resp: 301712

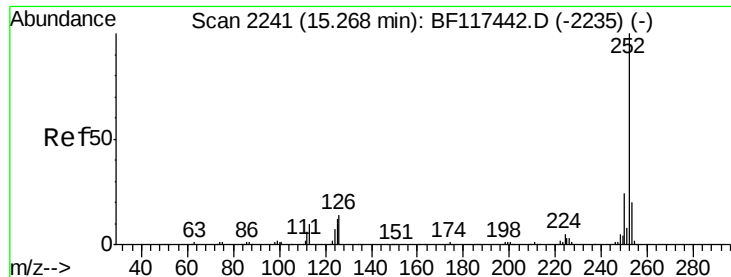
Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

125 13.6 8.9 13.3#

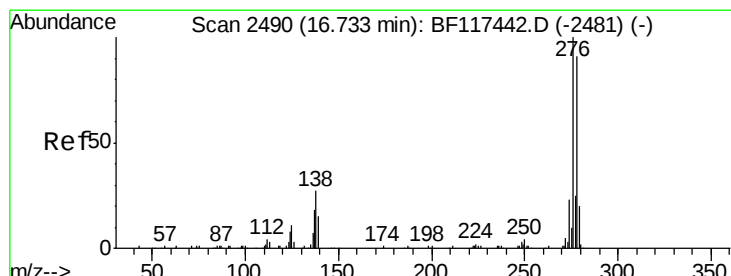
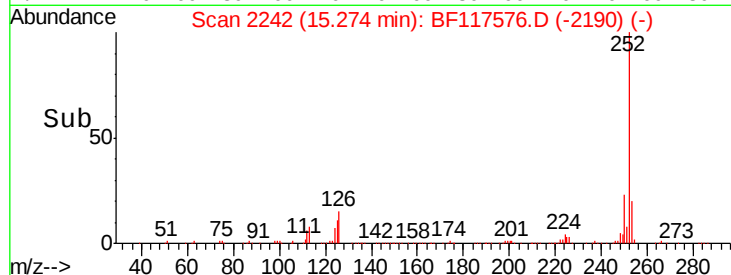
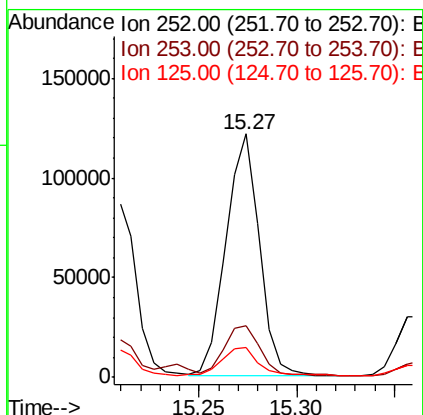
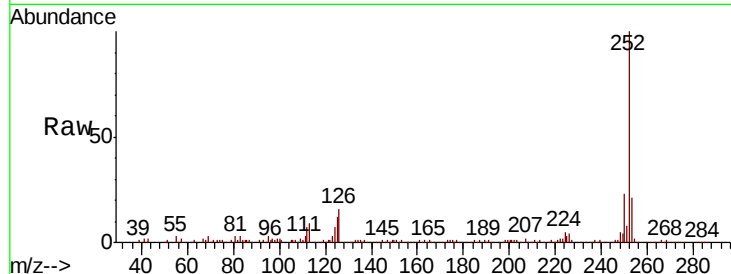




#90
Benzo(a)pyrene
Concen: 38.107 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF117576.D
Acq: 28 Oct 2019 21:51

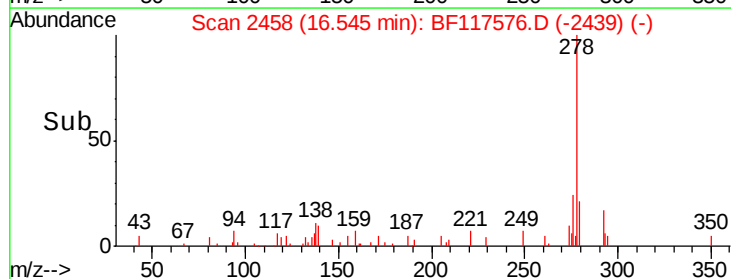
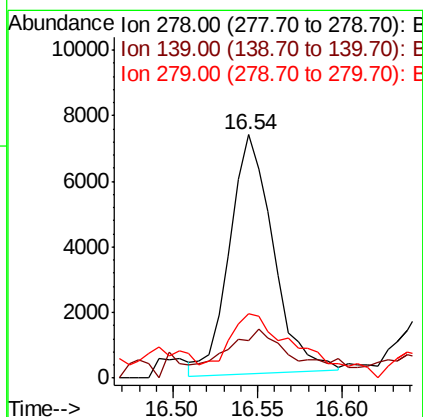
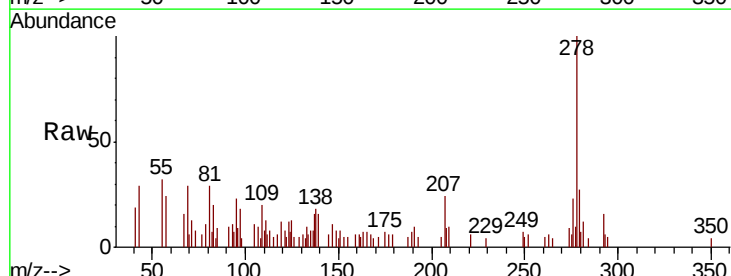
Instrument :
BNA_E
ClientSampleId :

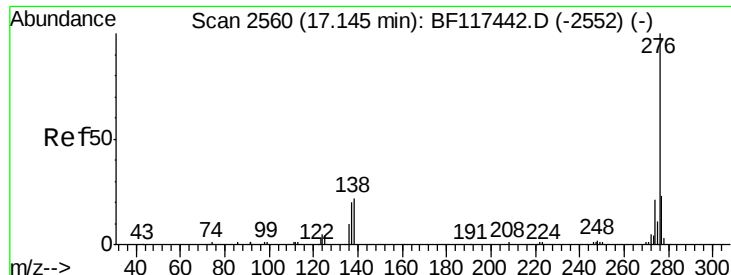
Tot Ion:252 Resp: 144848
Ion Ratio Lower Upper
252 100
253 21.3 16.3 24.5
125 12.4 9.2 13.8



#91
Dibenzo(a,h)anthracene
Concen: 3.982 ng
RT: 16.54 min Scan# 2458
Delta R.T. -0.19 min
Lab File: BF117576.D
Acq: 28 Oct 2019 21:51

Tgt Ion:278 Resp: 13088
Ion Ratio Lower Upper
278 100
139 15.6 13.4 20.0
279 26.6 17.8 26.6





#92
 Benzo(a,h,i)perylene
 Concen: 19.270 ng
 RT: 17.17 min Scan# 2564
 Delta R.T. 0.02 min
 Lab File: BF117576.D
 Acq: 28 Oct 2019 21:51

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.8	18.4	27.6
138	25.7	17.8	26.6

