

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
 Data File : BF117037.D
 Acq On : 13 Sep 2019 21:58
 Operator : HP/JU
 Sample : K4848-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CBH-139-D

Quant Time: Sep 14 00:19:53 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	6.82	152	70652	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	277546	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	144289	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	240786	20.00	ng	0.00
76) Chrysene-d12	13.96	240	183862	20.00	ng	-0.01
87) Perylene-d12	15.41	264	157588	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	247147	54.61	ng	0.00
7) Phenol-d6	6.45	99	212632	36.36	ng	0.00
23) Nitrobenzene-d5	7.39	82	507948	96.16	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	176302	146.20	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	902061	97.75	ng	0.00
79) Terphenyl-d14	12.92	244	896266	91.12	ng	0.00

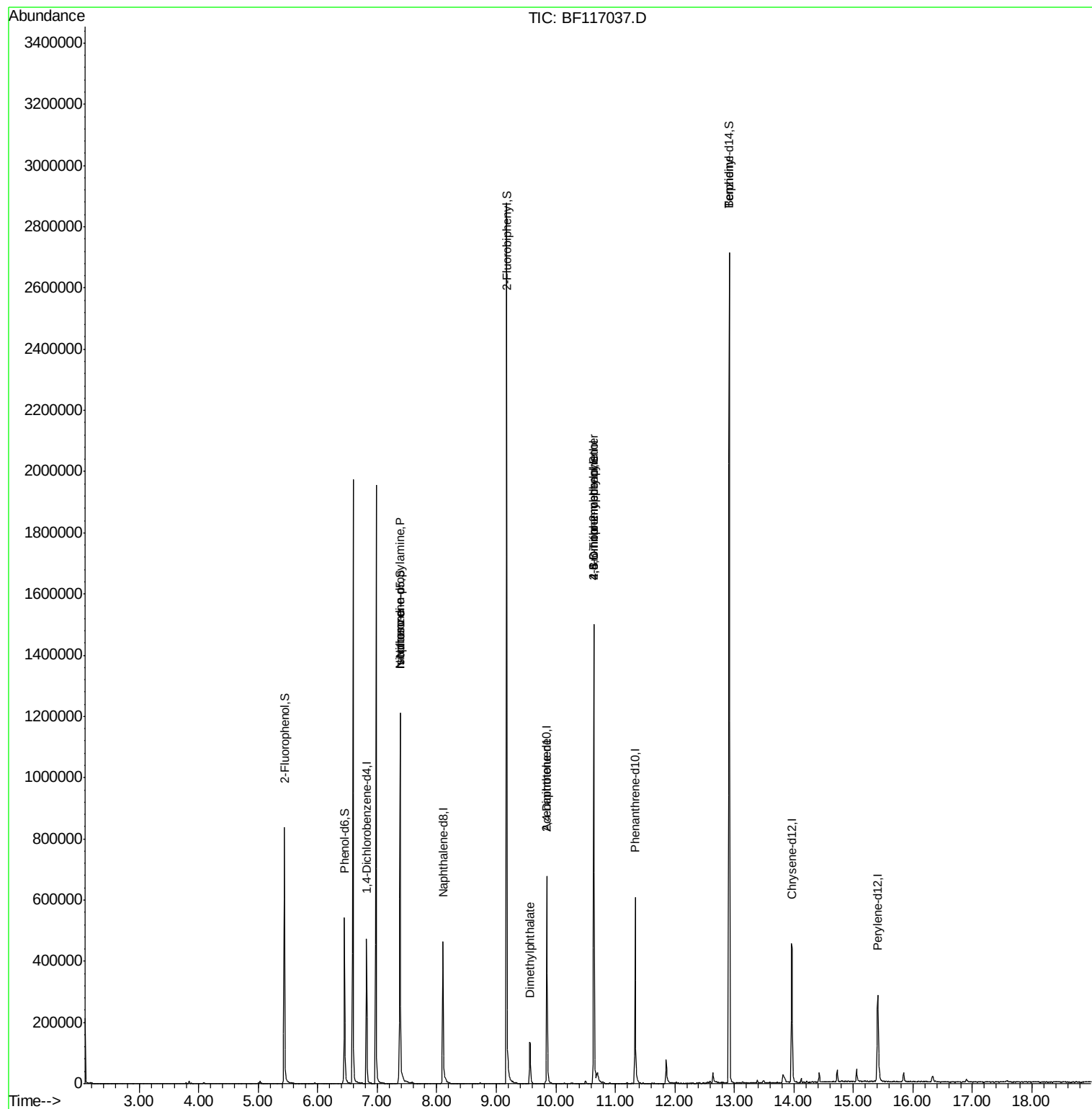
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.59	77	12179	Below Cal		# 80
19) n-Nitroso-di-n-propylamine	7.39	70	66877	18.779	ng	# 79
25) Isophorone	7.39	82	507945	54.310	ng	# 66
50) Dimethylphthalate	9.57	163	73404	7.185	ng	# 99
57) 2,4-Dinitrotoluene	9.85	165	17786	6.585	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.64	198	445	7.250	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	11370	4.624	ng	# 1
77) Benzidine	12.92	184	12784	2.158	ng	# 97

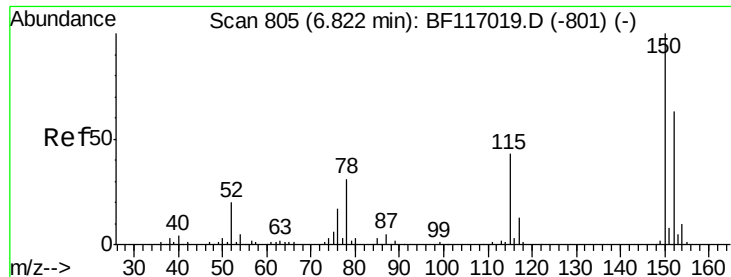
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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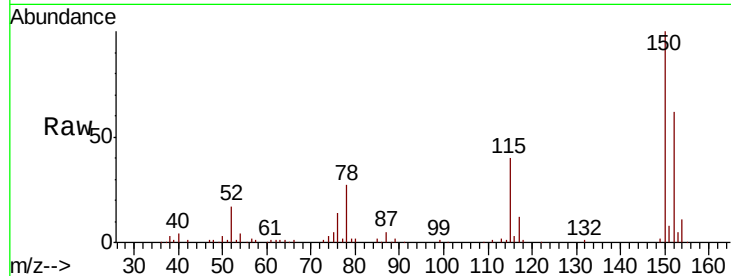


#1

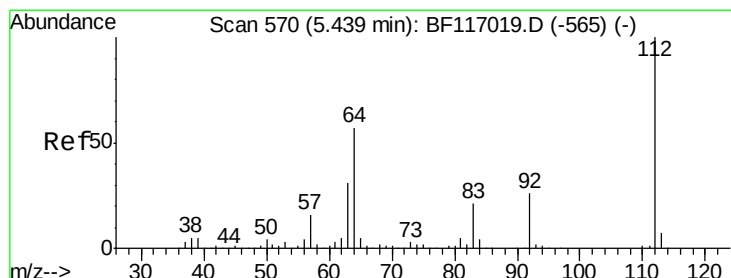
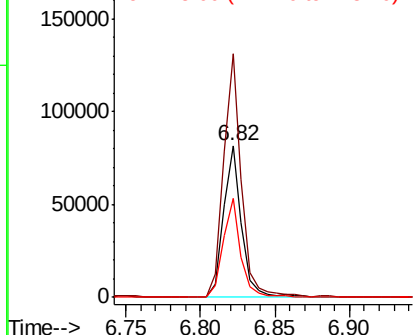
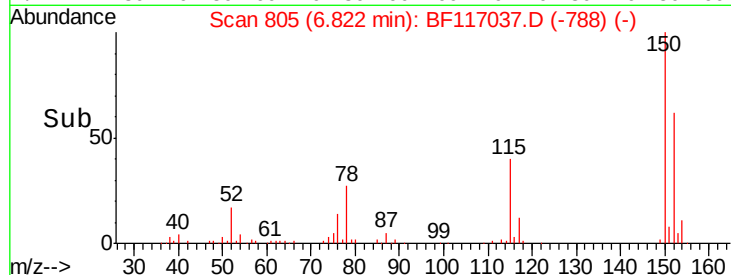
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF117037.D
Acq: 13 Sep 2019 21:58

Instrument :
BNA_F
ClientSampleId :
CBH-139-D

Tot Ion:152 Resp: 70652
Ion Ratio Lower Upper
152 100
150 160.5 127.5 191.3
115 64.9 55.0 82.4



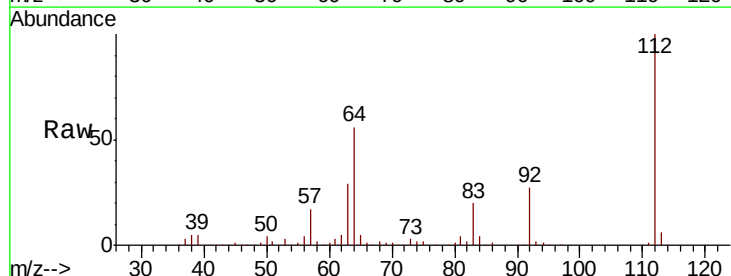
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



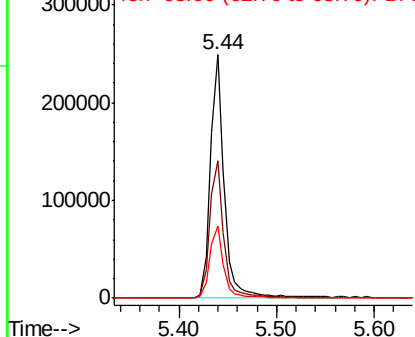
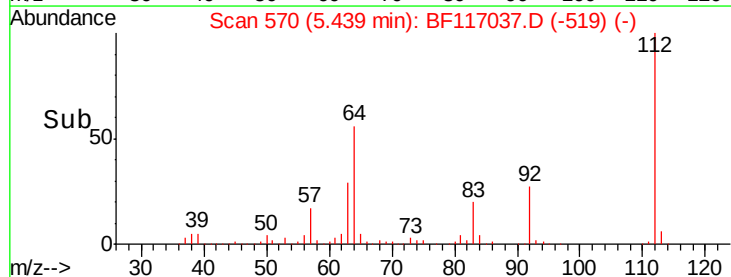
#5

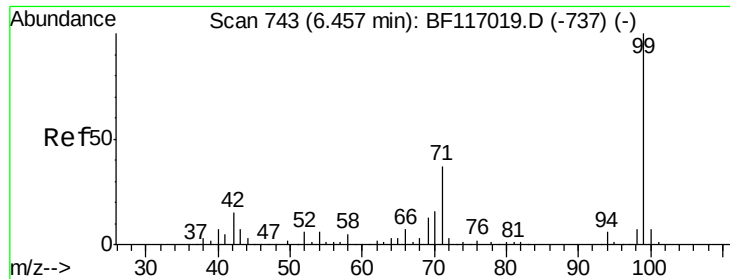
2-Fluorophenol
Concen: 54.614 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF117037.D
Acq: 13 Sep 2019 21:58

Tgt Ion:112 Resp: 247147
Ion Ratio Lower Upper
112 100
64 56.4 45.7 68.5
63 29.4 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: 36.357 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117037.D

Acq: 13 Sep 2019 21:58

Instrument :

BNA_F

ClientSampled :

CBH-139-D

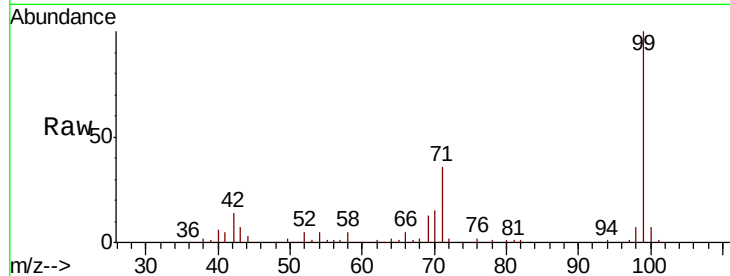
Tot Ion: 99 Resp: 212632

Ion Ratio Lower Upper

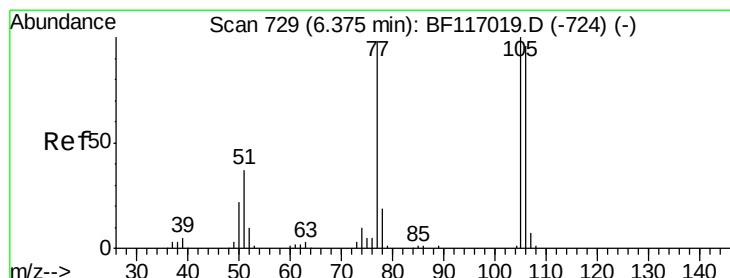
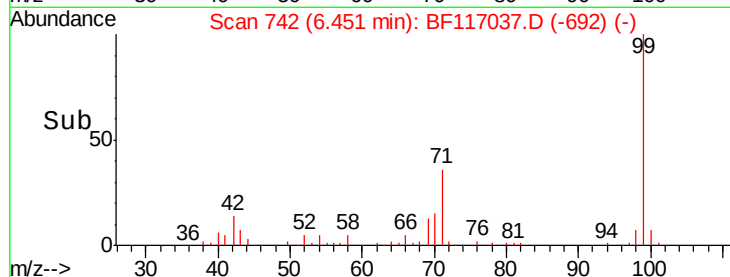
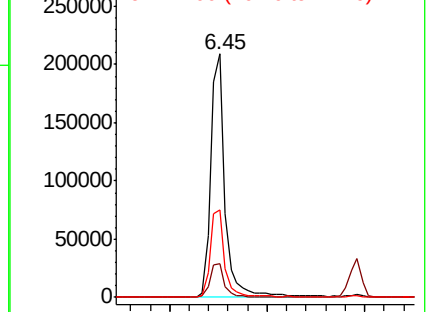
99 100

42 14.0 12.2 18.2

71 35.7 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: 6.59 min Scan# 766

Delta R.T. 0.22 min

Lab File: BF117037.D

Acq: 13 Sep 2019 21:58

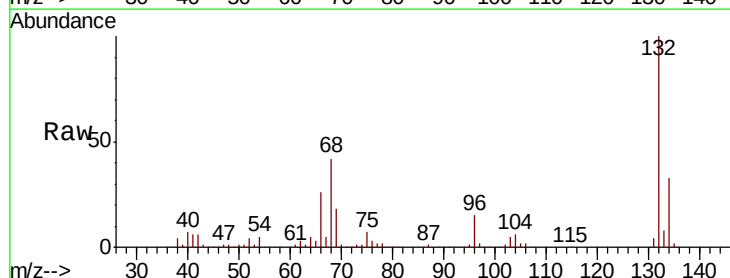
Tgt Ion: 77 Resp: 12179

Ion Ratio Lower Upper

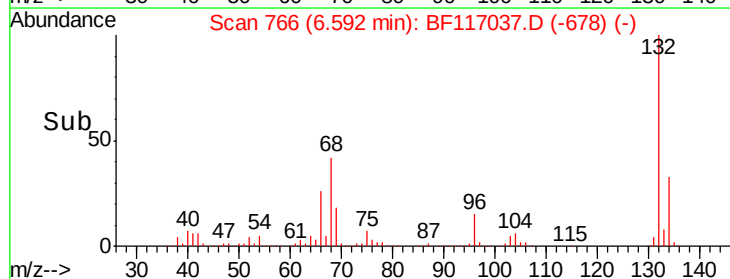
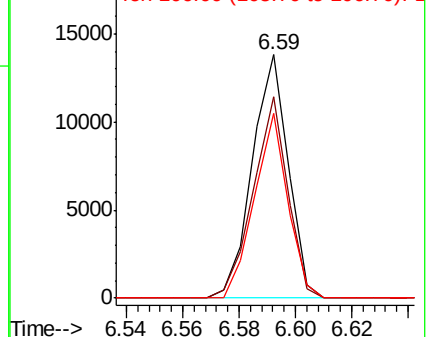
77 100

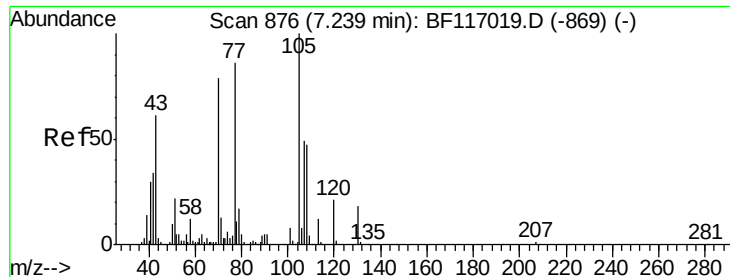
105 82.5 81.8 121.8

106 75.8 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

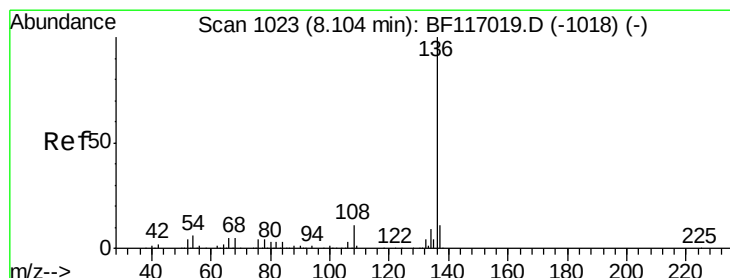
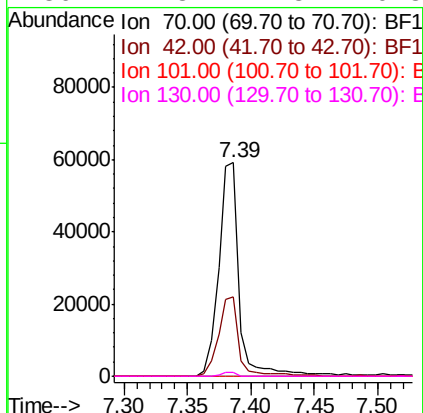
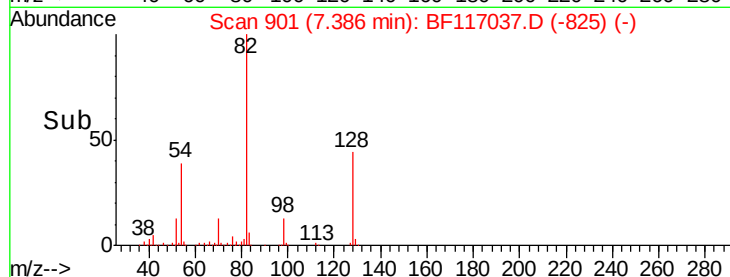
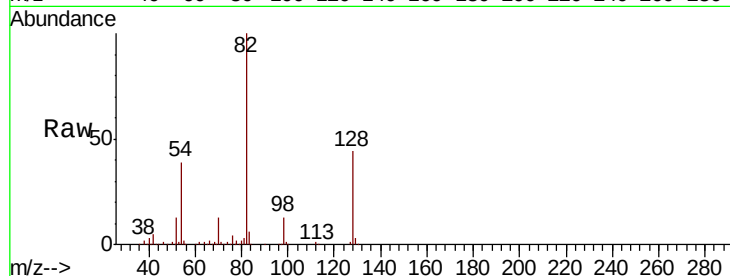




#19
n-Nitroso-di-n-propylamine
Concen: 18.779 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.15 min
Lab File: BF117037.D
Acq: 13 Sep 2019 21:58

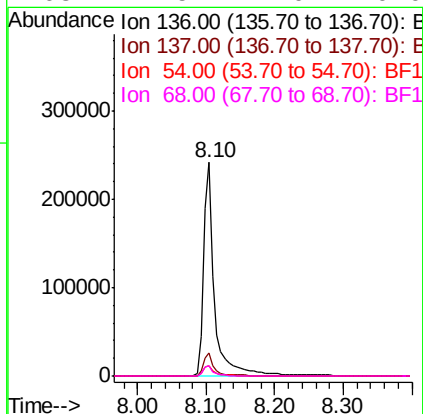
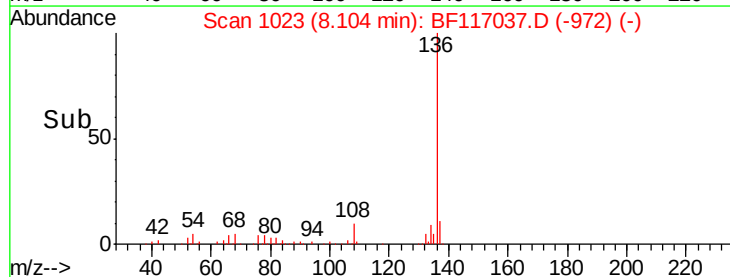
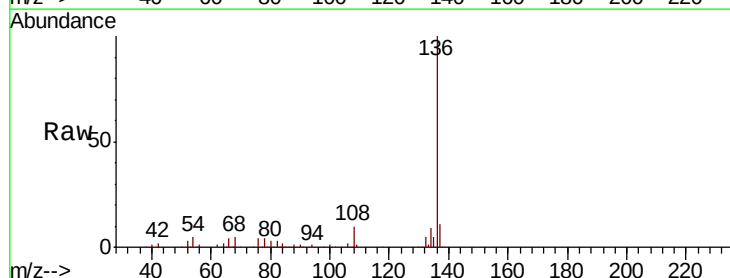
Instrument :
BNA_F
ClientSampleId :
CBH-139-D

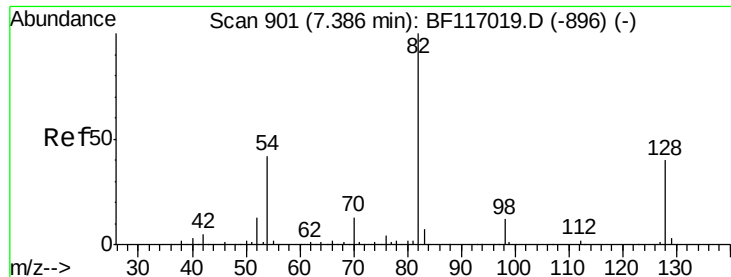
Tot Ion: 70 Resp: 66877
Ion Ratio Lower Upper
70 100
42 37.2 34.0 51.0
101 0.0 7.8 11.6#
130 1.8 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF117037.D
Acq: 13 Sep 2019 21:58

Tgt Ion: 136 Resp: 277546
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 5.0 4.5 6.7
68 4.5 4.0 6.0

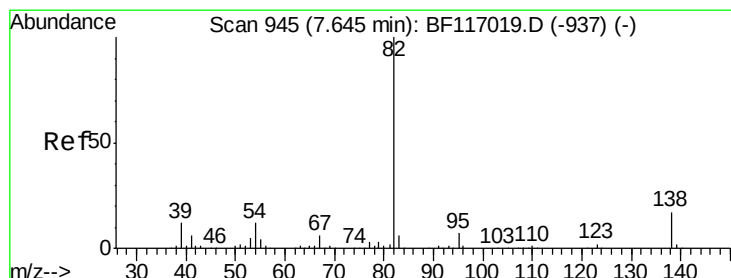
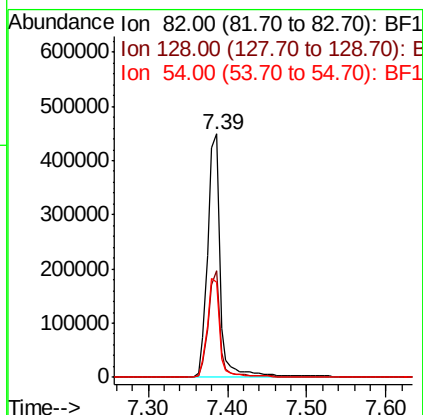
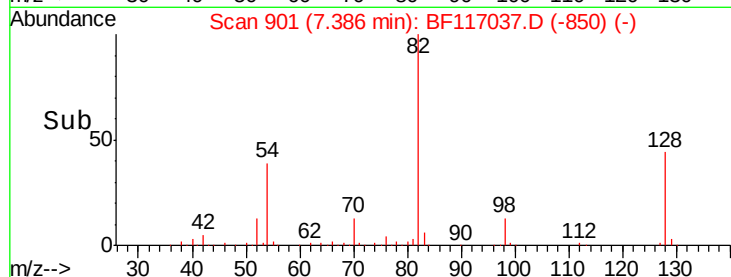
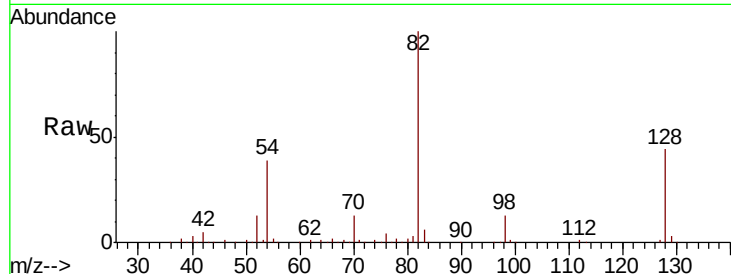




#23
Nitrobenzene-d5
Concen: 96.160 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF117037.D
Acq: 13 Sep 2019 21:58

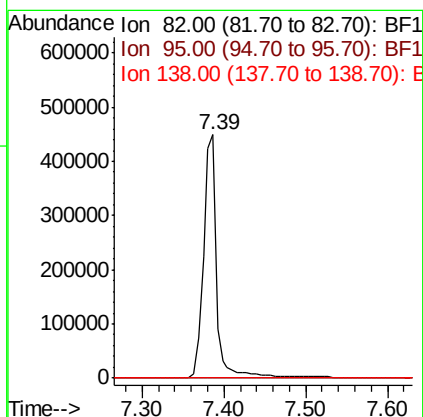
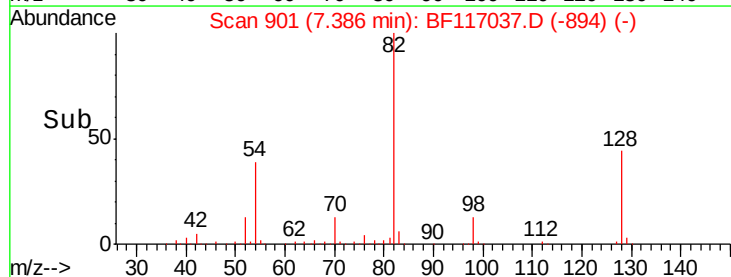
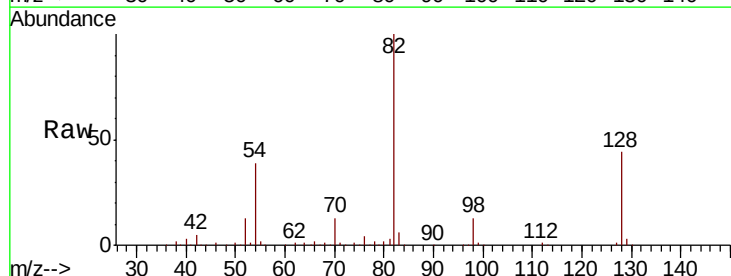
Instrument :
BNA_F
ClientSampleId :
CBH-139-D

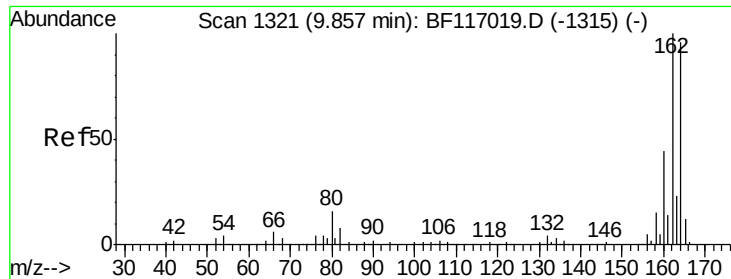
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.9	32.3	48.5
54	39.3	33.3	49.9



#25
Isophorone
Concen: 54.310 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.26 min
Lab File: BF117037.D
Acq: 13 Sep 2019 21:58

Tgt Ion	Ratio	Lower	Upper
82	100		
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# 1320

Delta R.T. -0.01 min

Lab File: BF117037.D

Acq: 13 Sep 2019 21:58

Instrument :

BNA_F

ClientSampleId :

CBH-139-D

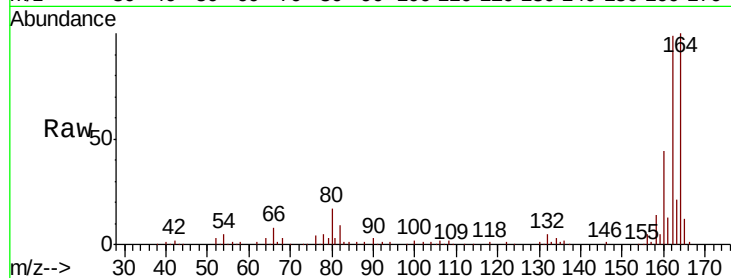
Tot Ion:164 Resp: 144289

Ion Ratio Lower Upper

164 100

162 98.6 83.4 125.2

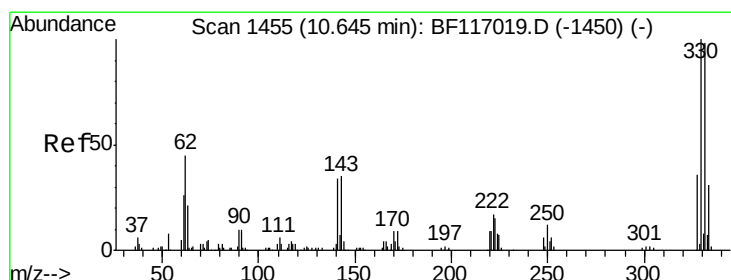
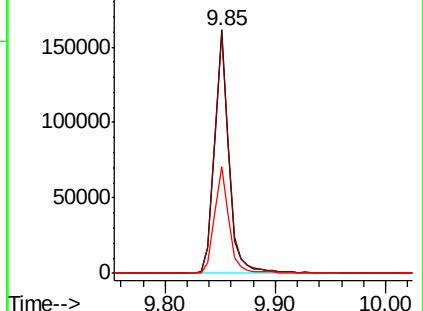
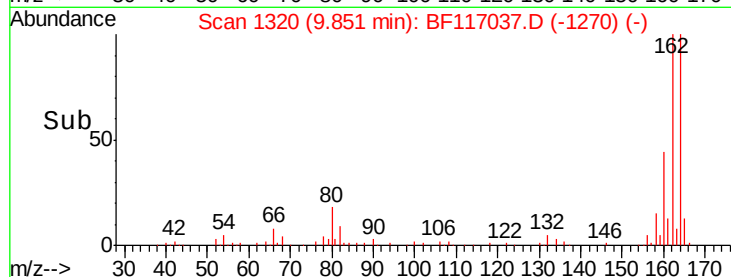
160 43.8 36.4 54.6



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: 146.196 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF117037.D

Acq: 13 Sep 2019 21:58

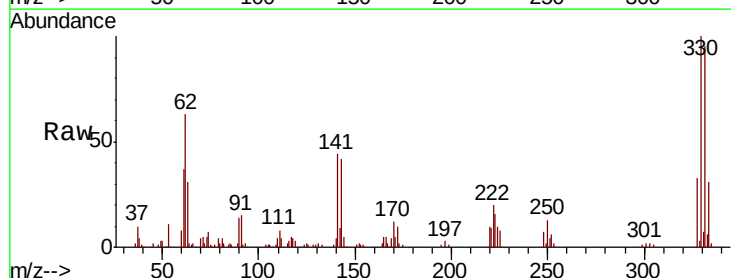
Tgt Ion:330 Resp: 176302

Ion Ratio Lower Upper

330 100

332 94.8 78.0 117.0

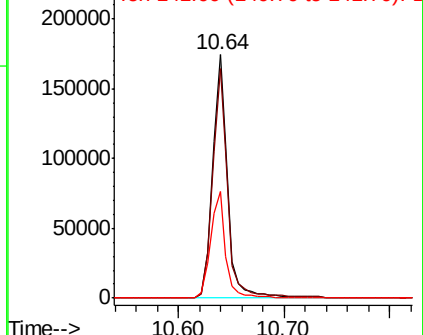
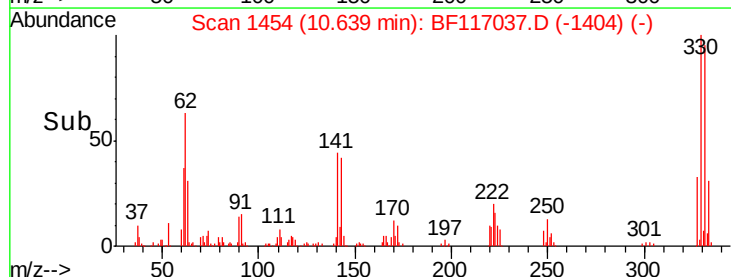
141 44.2 35.8 53.6

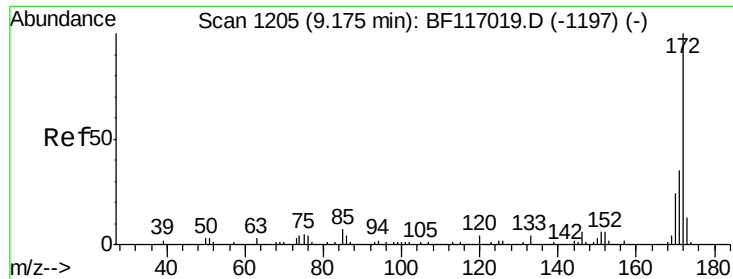


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

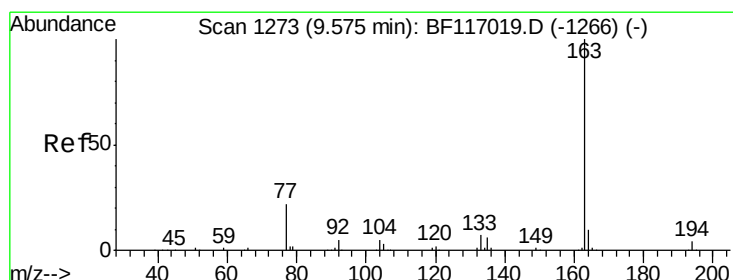
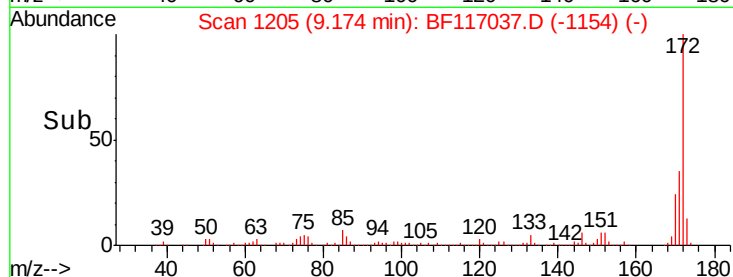
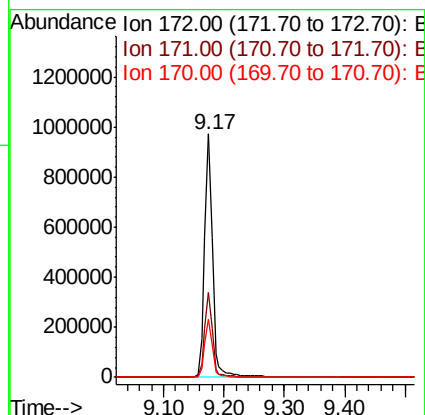
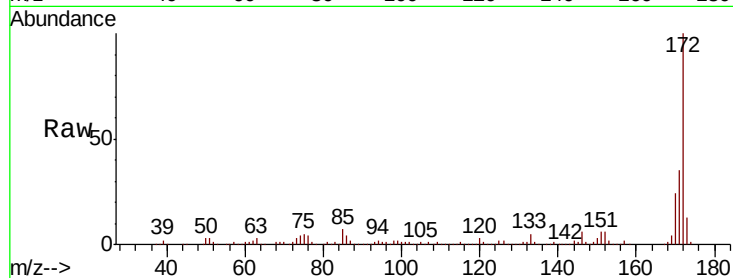




#45
2-Fluorobiphenyl
Concen: 97.751 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF117037.D
Acq: 13 Sep 2019 21:58

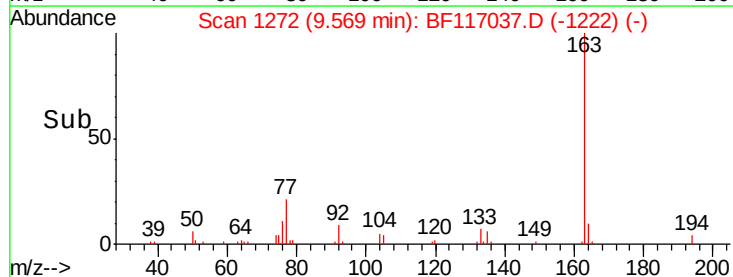
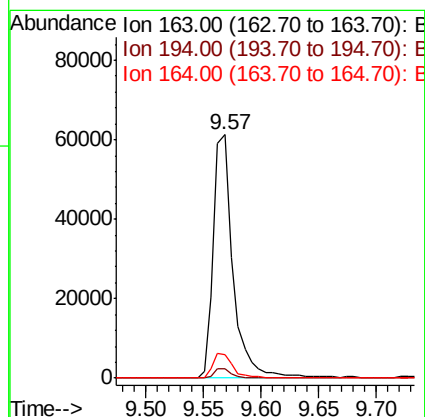
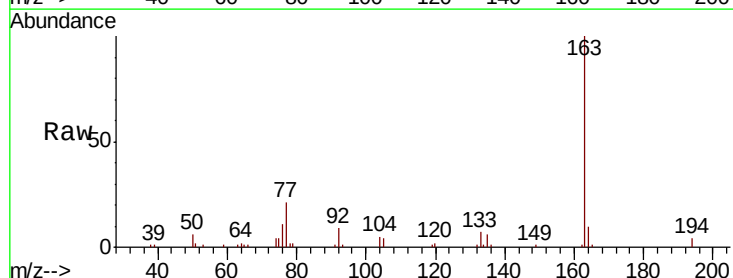
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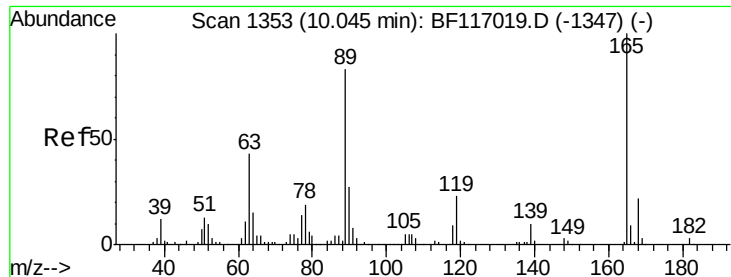
Tot Ion:172 Resp: 902061
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.2
170 23.8 18.9 28.3



#50
Dimethylphthalate
Concen: 7.185 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF117037.D
Acq: 13 Sep 2019 21:58

Tgt Ion:163 Resp: 73404
Ion Ratio Lower Upper
163 100
194 3.8 2.9 4.3
164 9.9 8.2 12.4

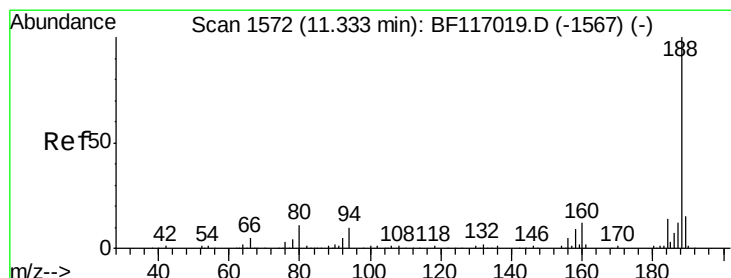
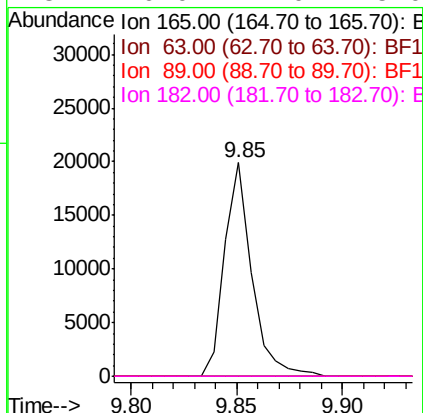
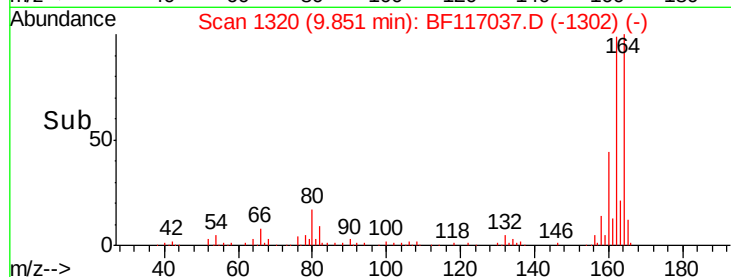
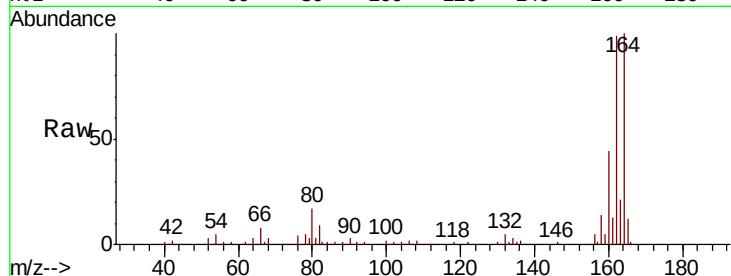




#57
 2,4-Dinitrotoluene
 Concen: 6.585 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.19 min
 Lab File: BF117037.D
 Acq: 13 Sep 2019 21:58

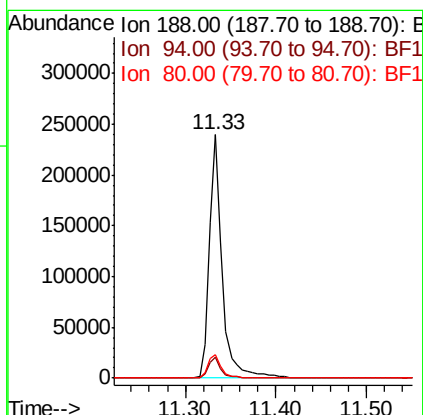
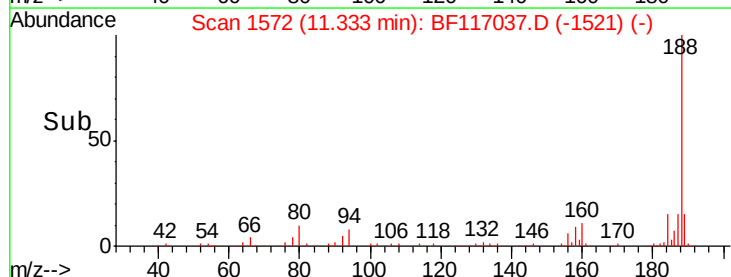
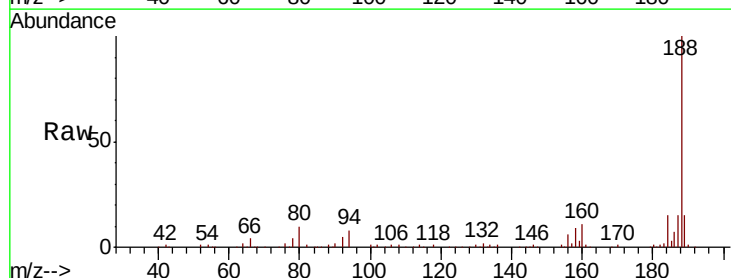
Instrument :
 BNA_F
 ClientSampleId :
 CBH-139-D

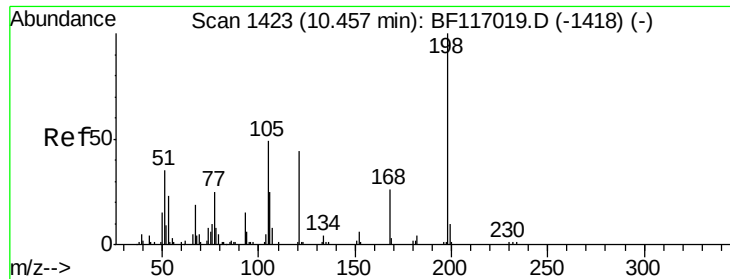
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.4#
89	0.0	66.1	99.1#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BF117037.D
 Acq: 13 Sep 2019 21:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.2	12.2
80	9.8	9.0	13.6

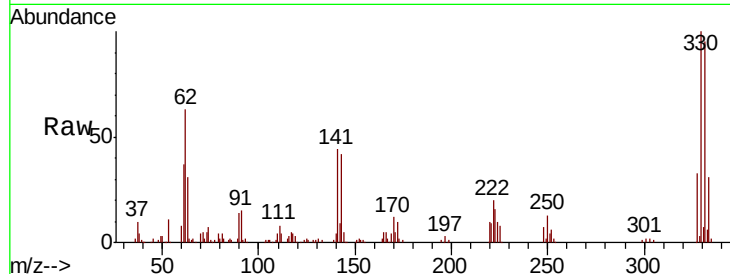




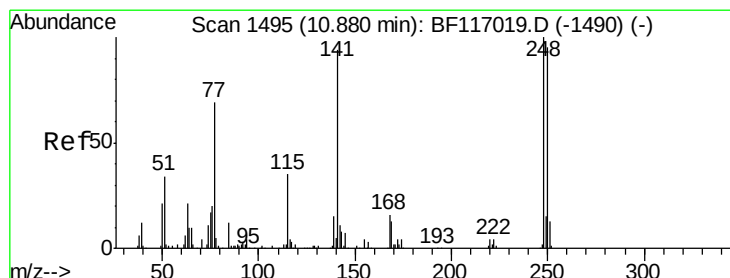
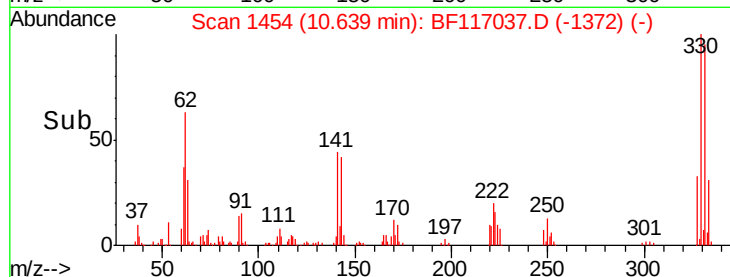
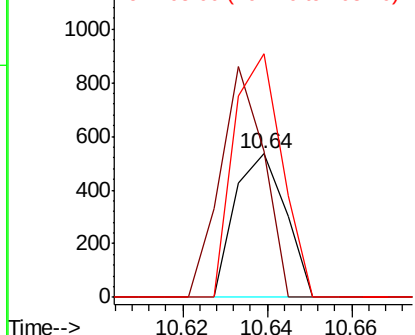
#65
4,6-Dinitro-2-methylphenol
Concen: 7.250 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.18 min
Lab File: BF117037.D
Acq: 13 Sep 2019 21:58

Instrument :
BNA_F
ClientSampleId :
CBH-139-D

Tot Ion:198 Resp: 445
Ion Ratio Lower Upper
198 100
51 102.2 18.7 58.7#
105 169.7 30.2 70.2#

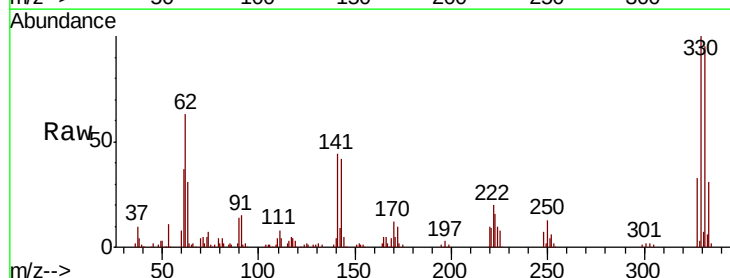


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

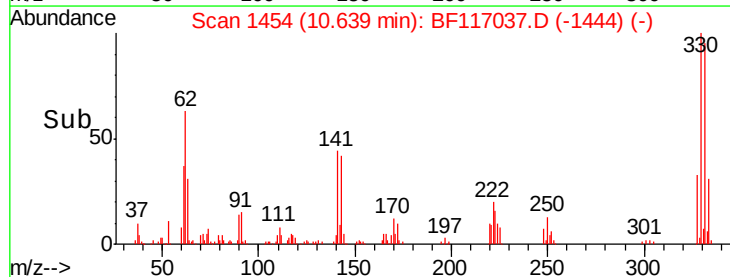
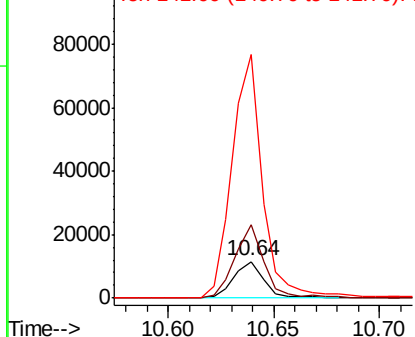


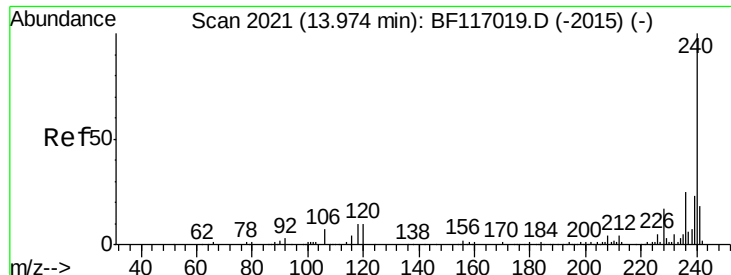
#67
4-Bromophenyl-phenylether
Concen: 4.624 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF117037.D
Acq: 13 Sep 2019 21:58

Tgt Ion:248 Resp: 11370
Ion Ratio Lower Upper
248 100
250 199.6 76.2 114.4#
141 666.3 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

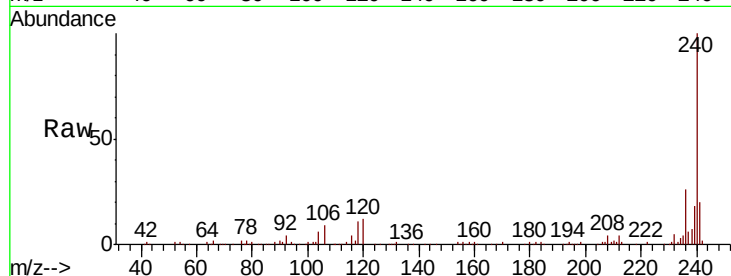




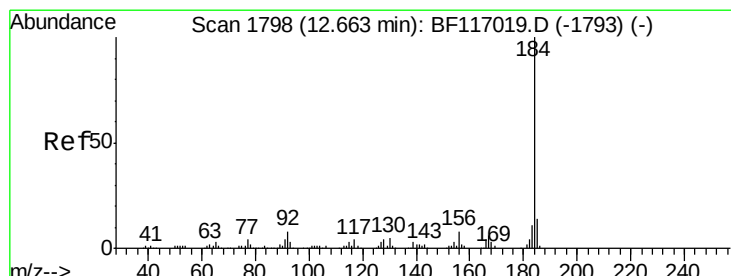
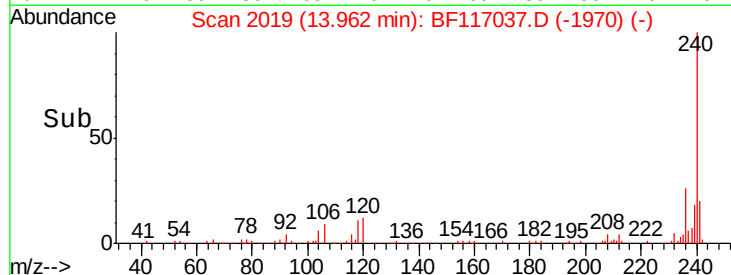
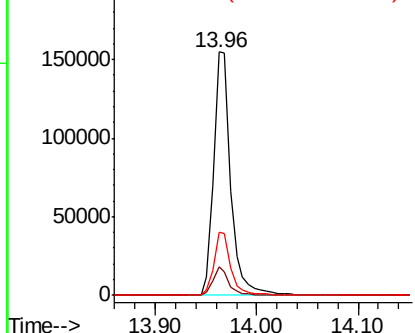
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF117037.D
Acq: 13 Sep 2019 21:58

Instrument :
BNA_F
ClientSampleId :
CBH-139-D

Tot Ion:240 Resp: 183862
Ion Ratio Lower Upper
240 100
120 11.7 8.3 12.5
236 26.0 20.3 30.5

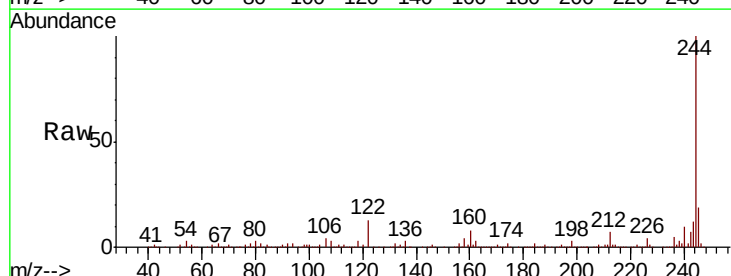


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

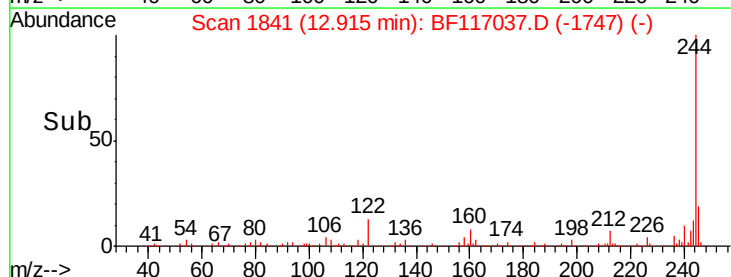
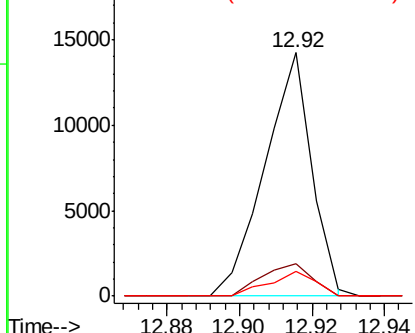


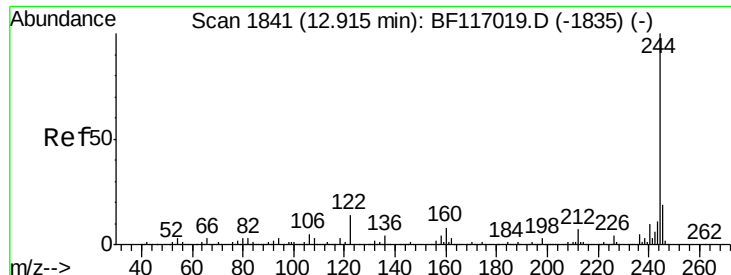
#77
Benzidine
Concen: 2.158 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.25 min
Lab File: BF117037.D
Acq: 13 Sep 2019 21:58

Tgt Ion:184 Resp: 12784
Ion Ratio Lower Upper
184 100
185 13.3 11.6 17.4
183 9.9 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

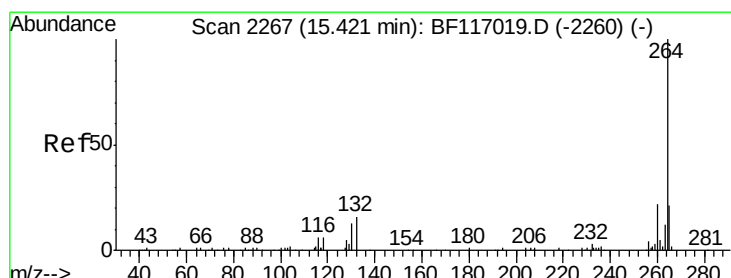
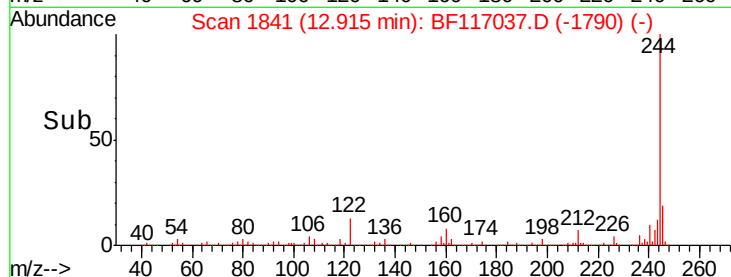
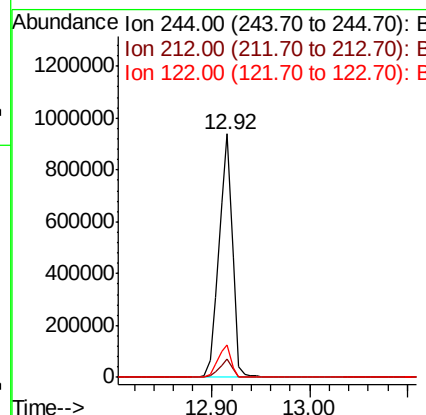
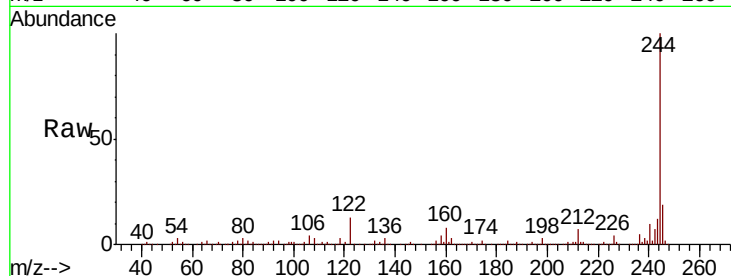




#79
 Terphenyl-d14
 Concen: 91.118 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF117037.D
 Acq: 13 Sep 2019 21:58

Instrument :
 BNA_F
 ClientSampleId :
 CBH-139-D

Tot Ion:244 Resp: 896266
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 13.2 11.3 16.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. -0.01 min
 Lab File: BF117037.D
 Acq: 13 Sep 2019 21:58

Tgt Ion:264 Resp: 157588
 Ion Ratio Lower Upper
 264 100
 260 23.4 17.6 26.4
 265 21.3 16.6 24.8

