

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092319\
 Data File : BF117210.D
 Acq On : 23 Sep 2019 17:39
 Operator : HP/JU
 Sample : K4923-10RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 23 18:07:10 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

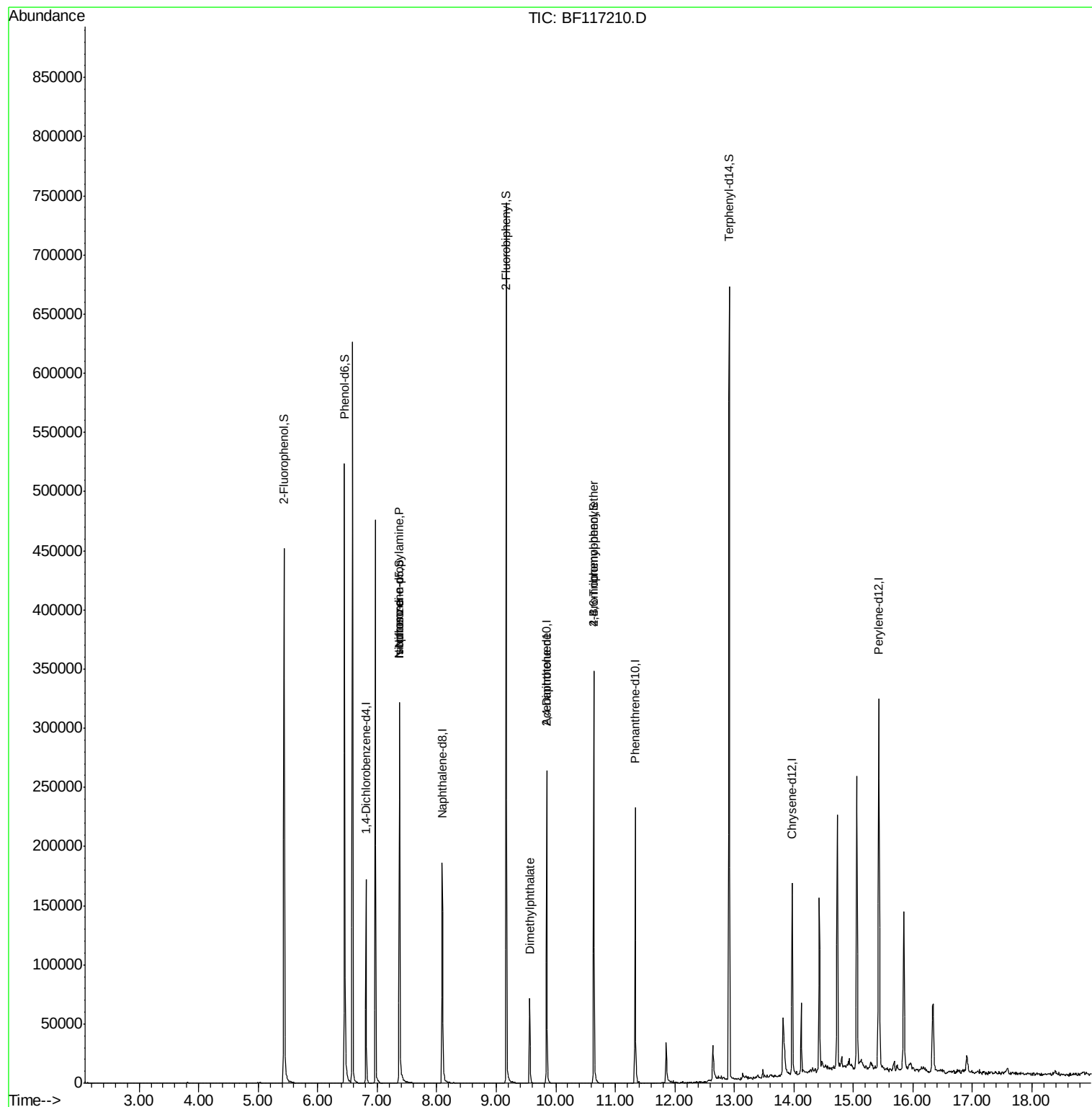
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	23558	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	98782	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	53994	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	89292	20.00	ng	0.00
76) Chrysene-d12	13.97	240	59076	20.00	ng	0.00
87) Perylene-d12	15.42	264	54829	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	126554	83.87	ng	0.00
7) Phenol-d6	6.45	99	179689	92.14	ng	0.00
23) Nitrobenzene-d5	7.37	82	112379	59.77	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	40226	89.14	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	209800	60.75	ng	0.00
79) Terphenyl-d14	12.92	244	208541	65.98	ng	0.00
Target Compounds						
9) Benzaldehyde	6.45	77	231	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	15408	12.976 ng	#	1
25) Isophorone	7.37	82	112378	33.760 ng	#	81
50) Dimethylphthalate	9.56	163	30881	8.078 ng	#	66
57) 2,4-Dinitrotoluene	9.85	165	6844	6.771 ng	#	99
67) 4-Bromophenyl-phenylether	10.64	248	2649	2.905 ng	#	18
					#	1

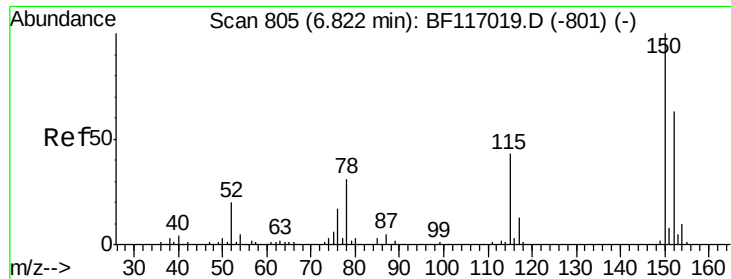
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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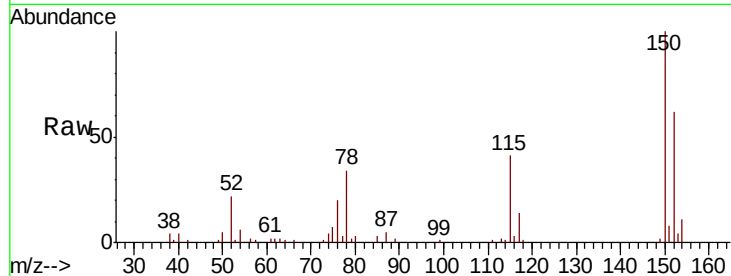


#1

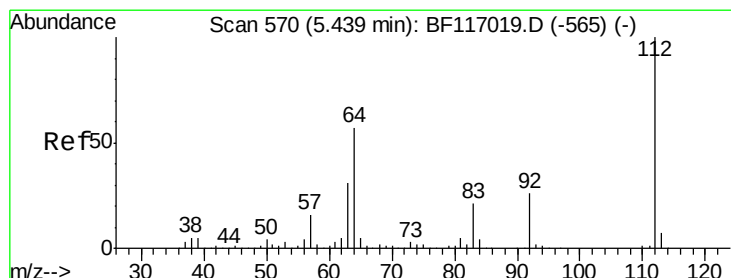
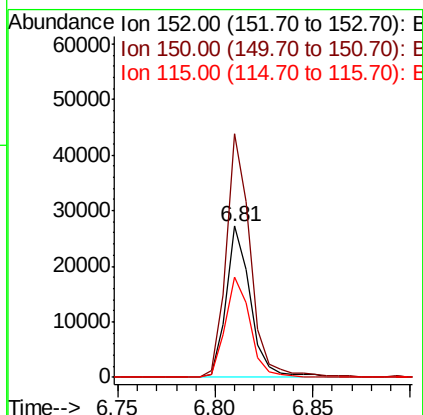
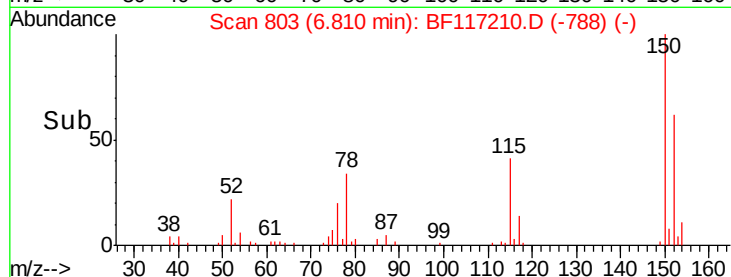
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF117210.D
Acq: 23 Sep 2019 17:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 23558
Ion Ratio Lower Upper
152 100
150 161.0 127.5 191.3
115 66.4 55.0 82.4



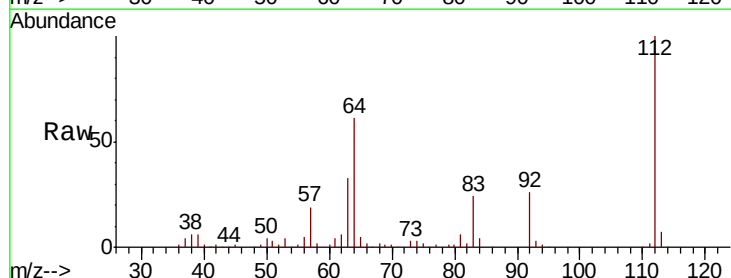
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



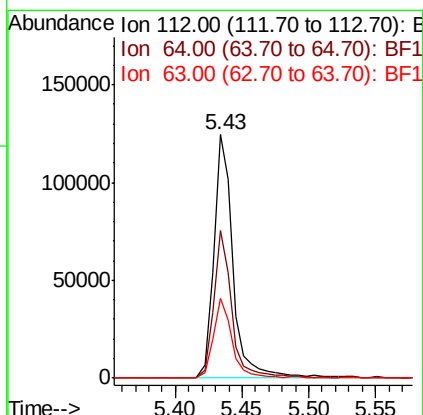
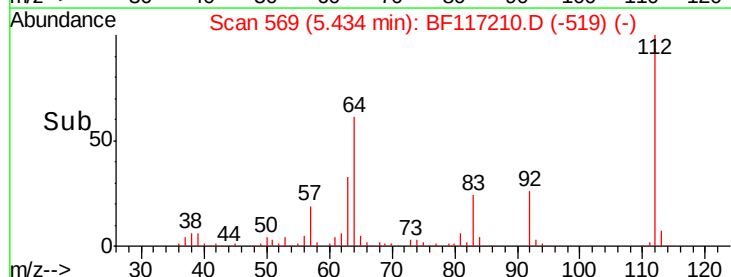
#5

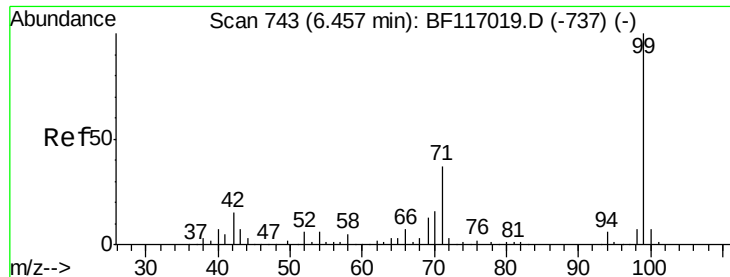
2-Fluorophenol
Concen: 83.870 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF117210.D
Acq: 23 Sep 2019 17:39

Tgt Ion:112 Resp: 126554
Ion Ratio Lower Upper
112 100
64 60.7 45.7 68.5
63 32.7 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: 92.145 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117210.D

Acq: 23 Sep 2019 17:39

Instrument :

BNA_F

ClientSampled :

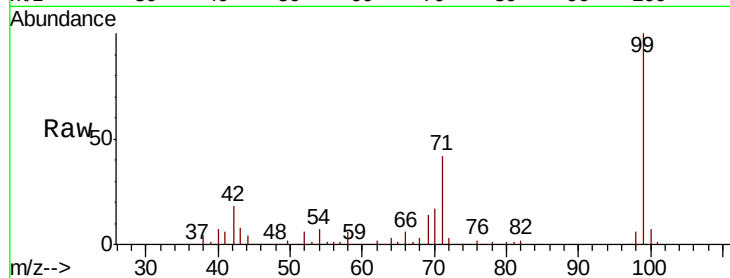
Tot Ion: 99 Resp: 179689

Ion Ratio Lower Upper

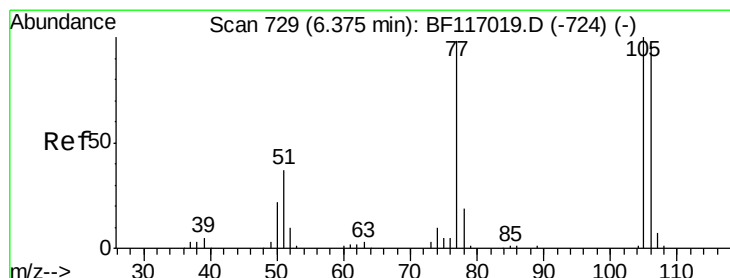
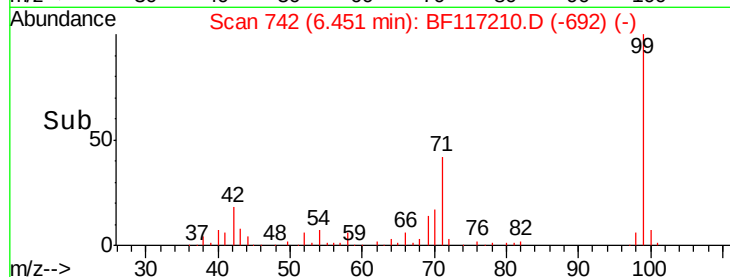
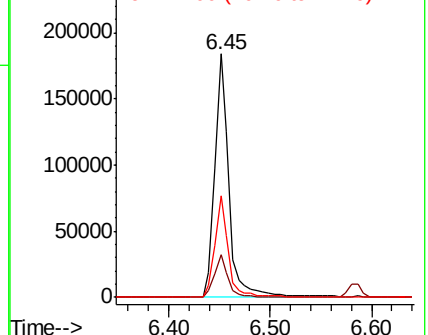
99 100

42 17.6 12.2 18.2

71 42.0 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# 742

Delta R.T. 0.08 min

Lab File: BF117210.D

Acq: 23 Sep 2019 17:39

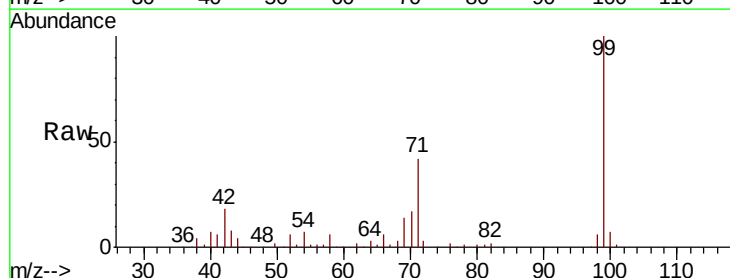
Tgt Ion: 77 Resp: 231

Ion Ratio Lower Upper

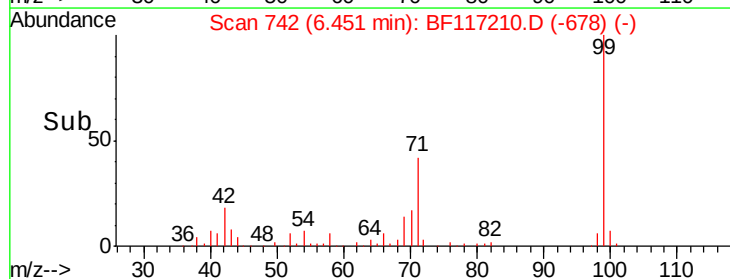
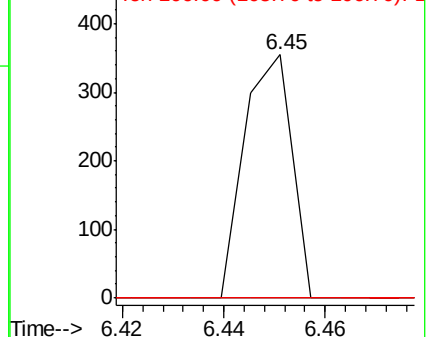
77 100

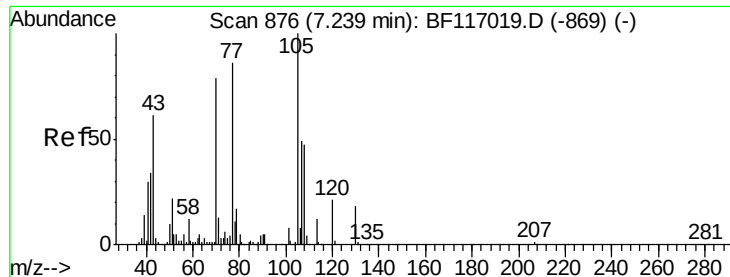
105 0.0 81.8 121.8#

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

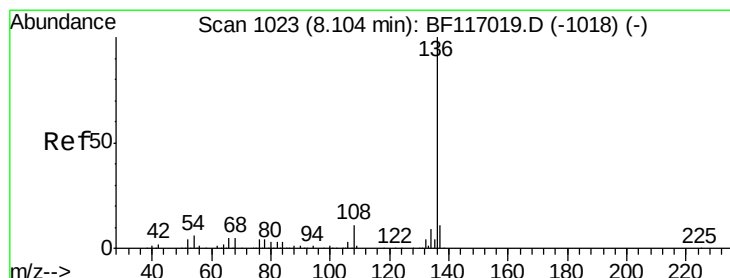
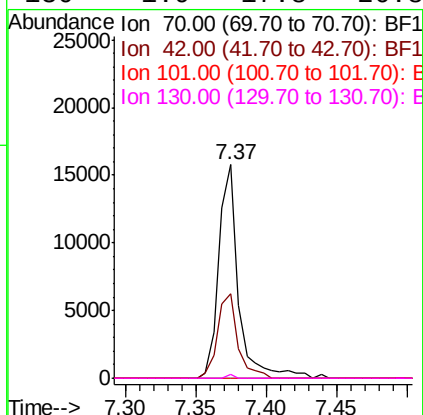
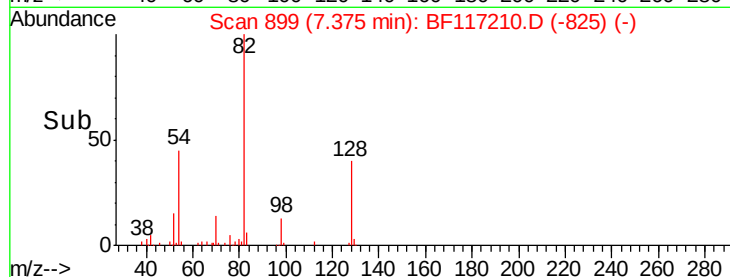
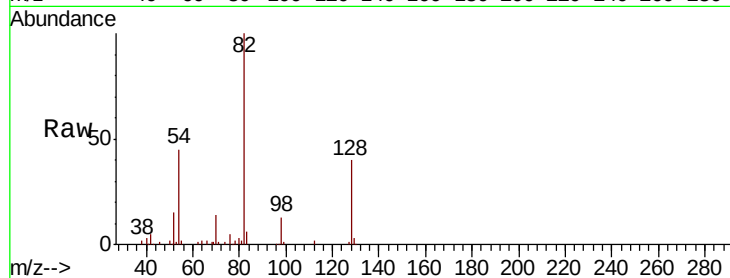




#19
n-Nitroso-di-n-propylamine
Concen: 12.976 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.14 min
Lab File: BF117210.D
Acq: 23 Sep 2019 17:39

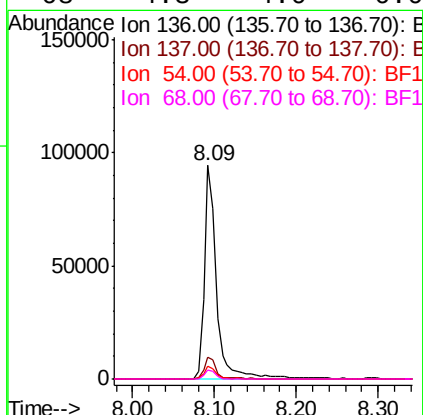
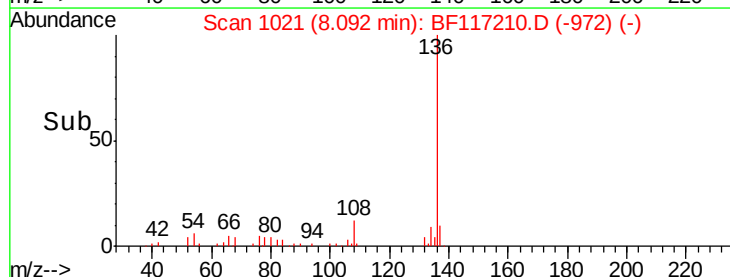
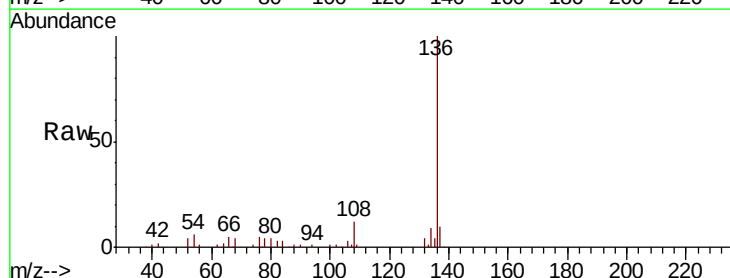
Instrument :
BNA_F
ClientSampled :

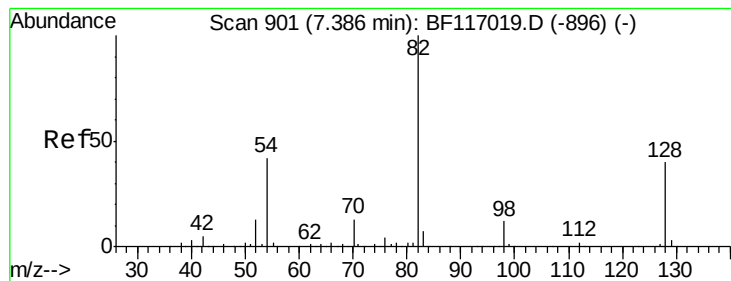
Tot Ion: 70 Resp: 15408
Ion Ratio Lower Upper
70 100
42 39.4 34.0 51.0
101 0.0 7.8 11.6#
130 1.9 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF117210.D
Acq: 23 Sep 2019 17:39

Tgt Ion: 136 Resp: 98782
Ion Ratio Lower Upper
136 100
137 10.2 9.0 13.4
54 6.1 4.5 6.7
68 4.3 4.0 6.0





#23

Nitrobenzene-d5

Concen: 59.775 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF117210.D

Acq: 23 Sep 2019 17:39

Instrument :

BNA_F

ClientSampleId :

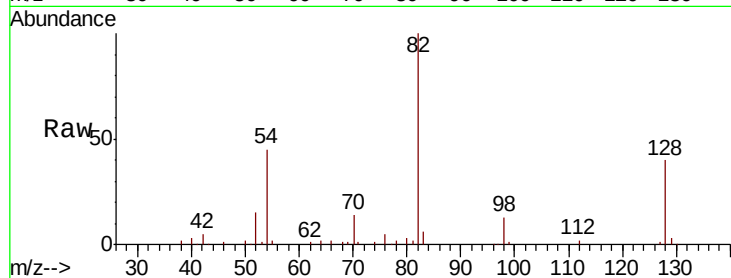
Tot Ion: 82 Resp: 112379

Ion Ratio Lower Upper

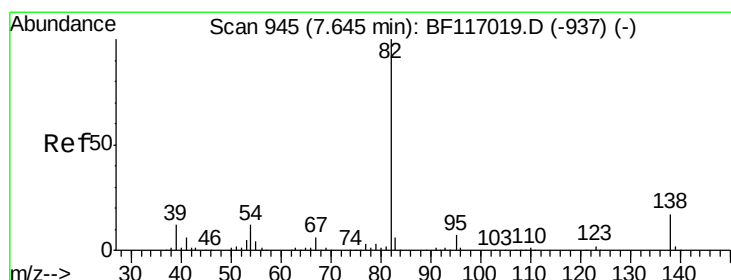
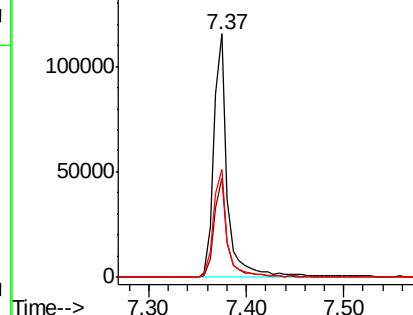
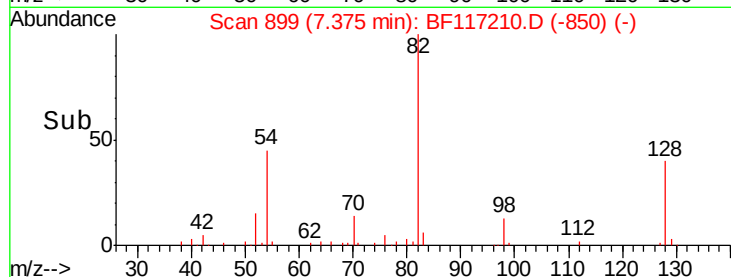
82 100

128 40.5 32.3 48.5

54 44.6 33.3 49.9



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 33.760 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.27 min

Lab File: BF117210.D

Acq: 23 Sep 2019 17:39

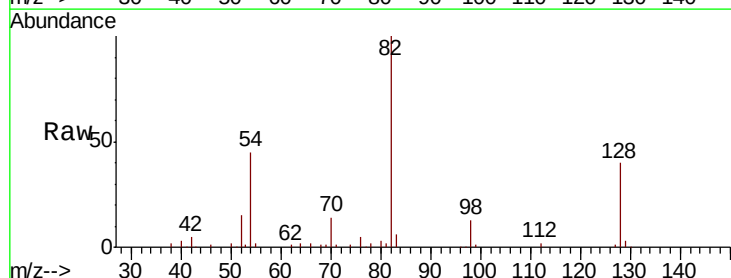
Tgt Ion: 82 Resp: 112378

Ion Ratio Lower Upper

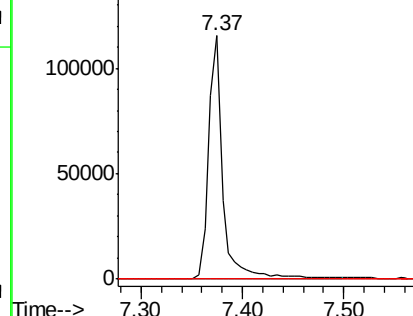
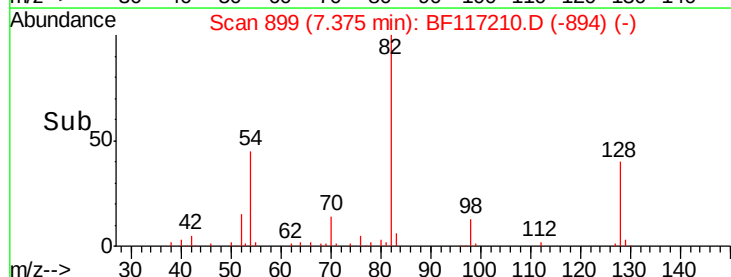
82 100

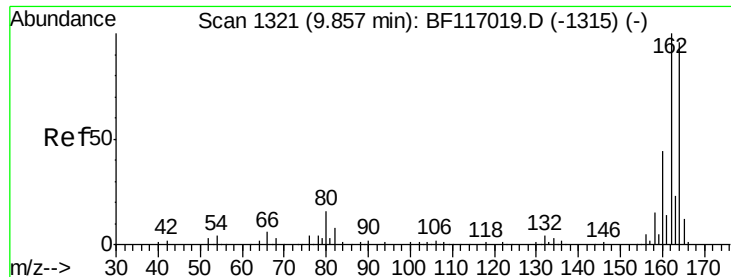
95 0.0 5.8 8.6#

138 0.0 13.5 20.3#



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF117210.D

Acq: 23 Sep 2019 17:39

Instrument :

BNA_F

ClientSampleId :

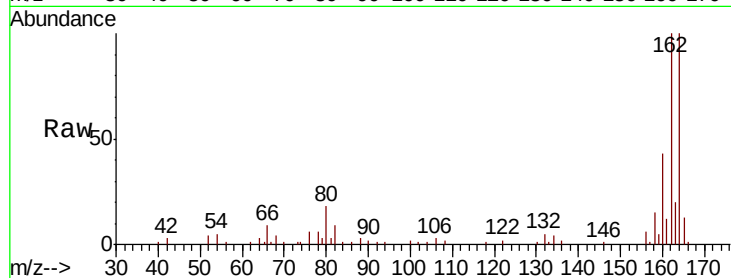
Tot Ion:164 Resp: 53994

Ion Ratio Lower Upper

164 100

162 100.0 83.4 125.2

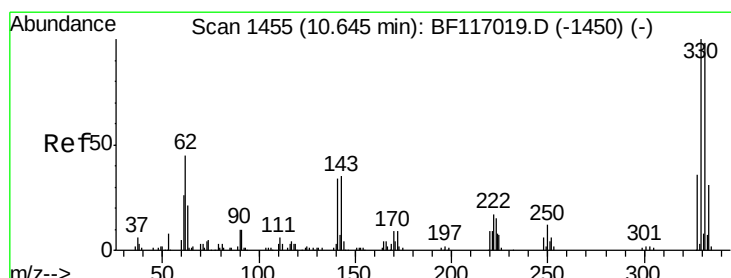
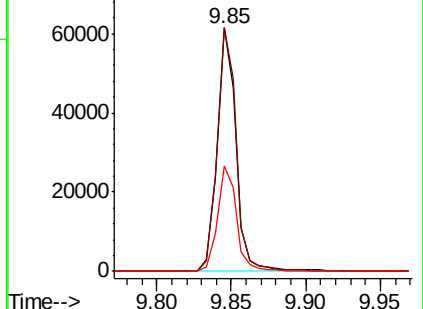
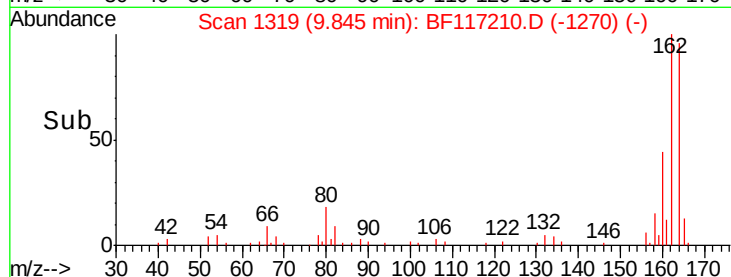
160 43.4 36.4 54.6



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: 89.140 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF117210.D

Acq: 23 Sep 2019 17:39

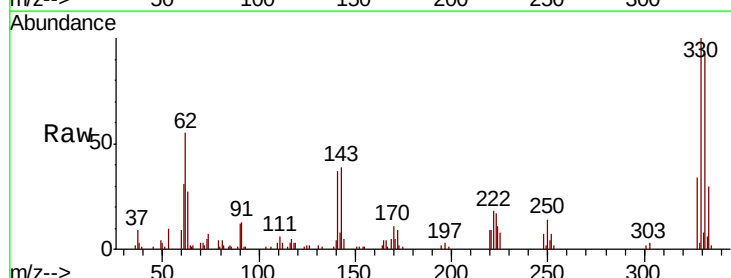
Tgt Ion:330 Resp: 40226

Ion Ratio Lower Upper

330 100

332 93.8 78.0 117.0

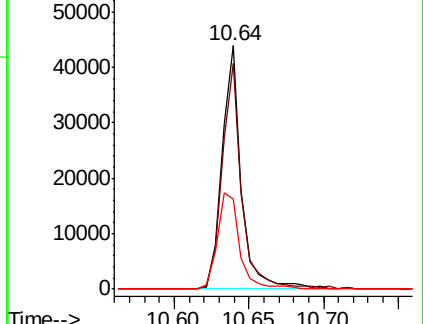
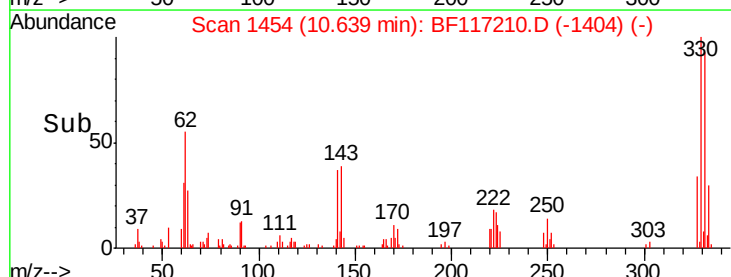
141 45.1 35.8 53.6

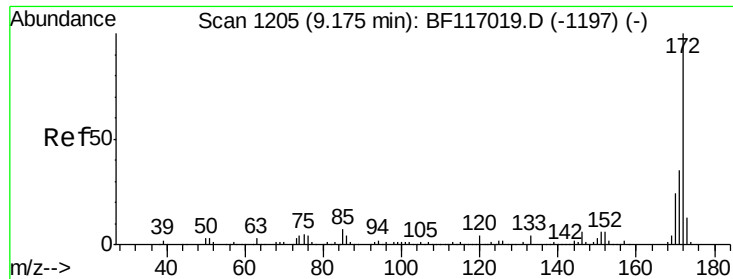


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

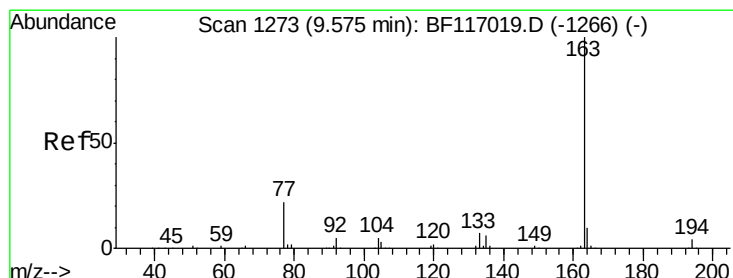
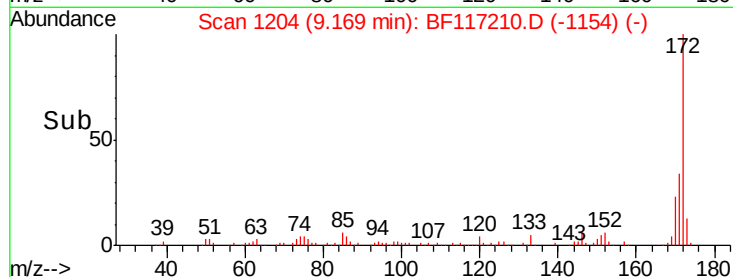
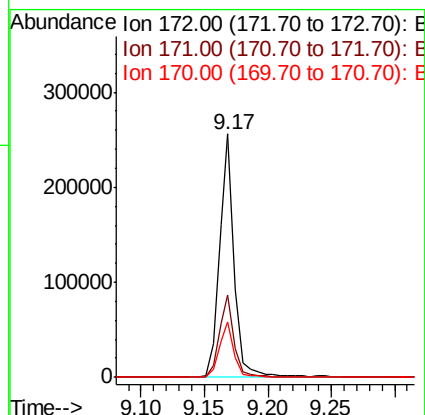
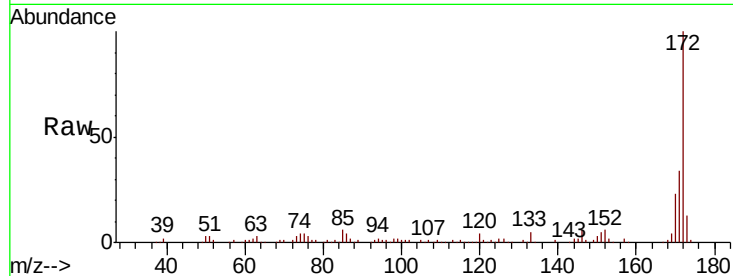




#45
2-Fluorobiphenyl
Concen: 60.755 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF117210.D
Acq: 23 Sep 2019 17:39

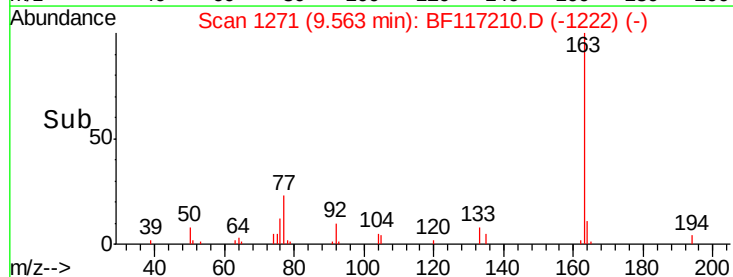
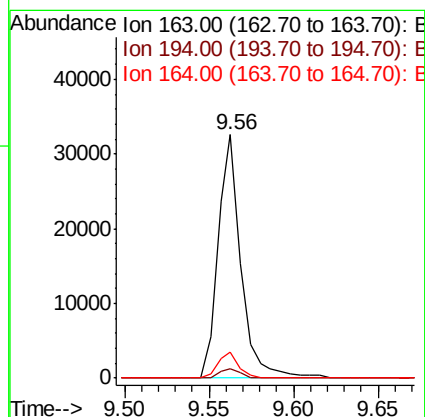
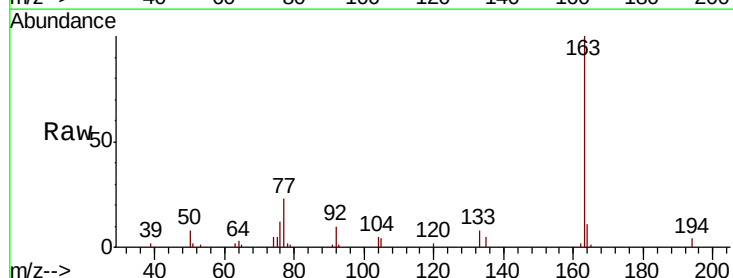
Instrument :
BNA_F
ClientSampleId :

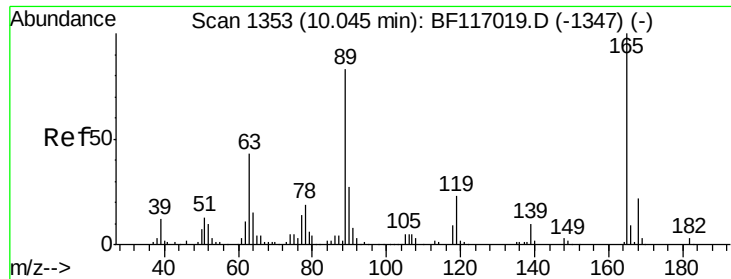
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.2	42.2
170	22.7	18.9	28.3



#50
Dimethylphthalate
Concen: 8.078 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF117210.D
Acq: 23 Sep 2019 17:39

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.9	4.3
164	10.8	8.2	12.4

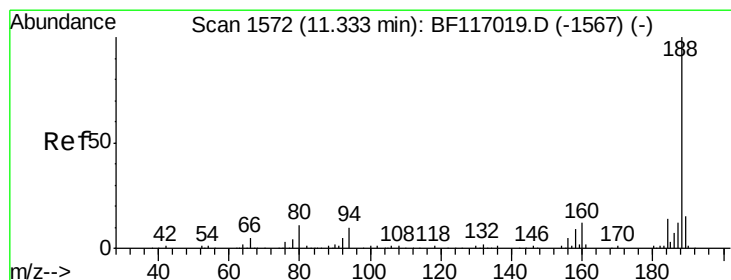
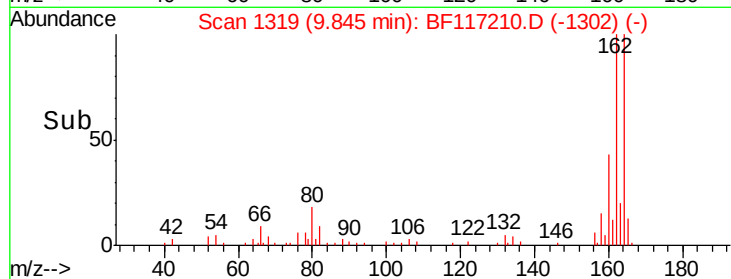
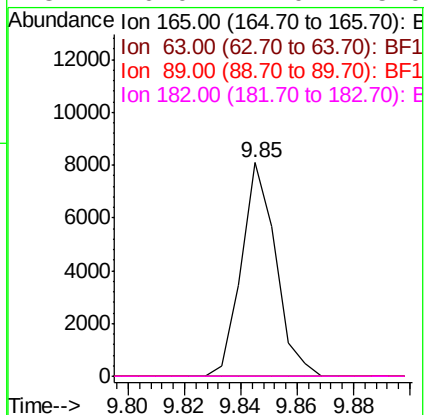
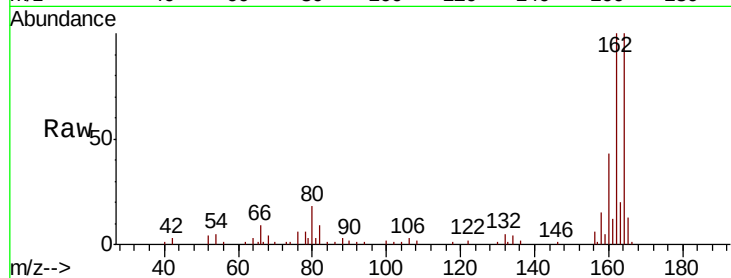




#57
 2,4-Dinitrotoluene
 Concen: 6.771 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.20 min
 Lab File: BF117210.D
 Acq: 23 Sep 2019 17:39

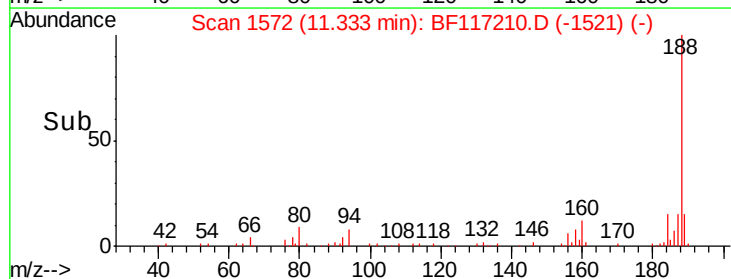
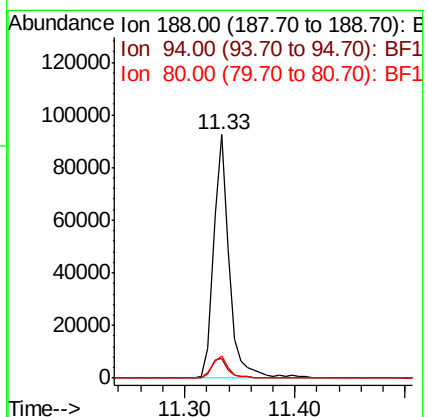
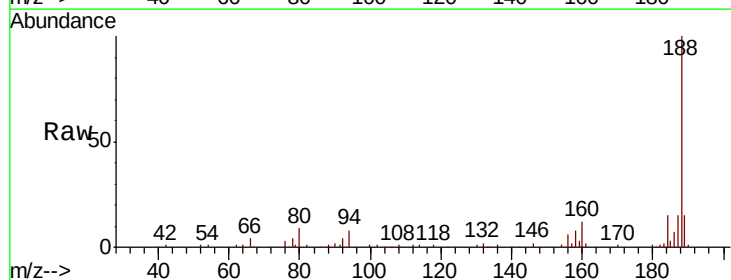
Instrument :
 BNA_F
 ClientSampleId :

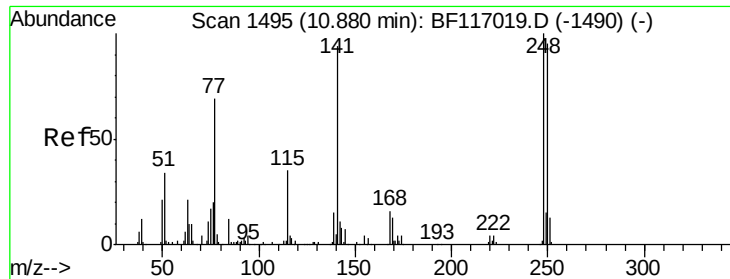
Tot Ion:	165	Resp:	6844
Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.4#
89	0.0	66.1	99.1#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BF117210.D
 Acq: 23 Sep 2019 17:39

Tgt Ion:	188	Resp:	89292
Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.2	12.2
80	9.2	9.0	13.6

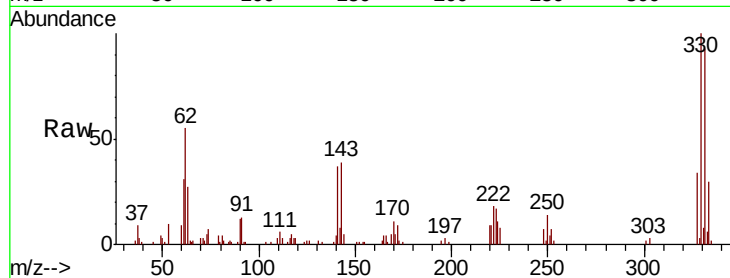




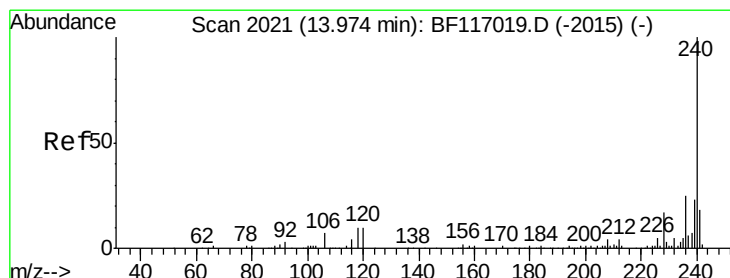
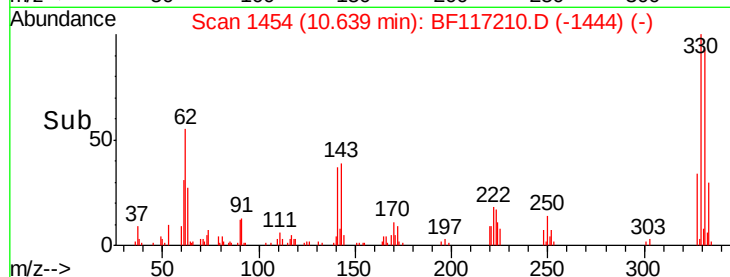
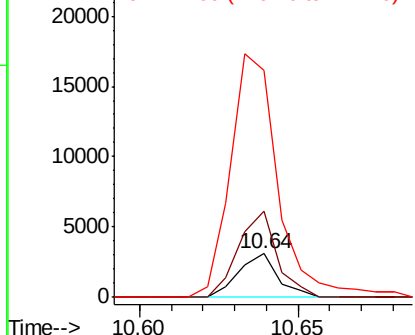
#67
4-Bromophenyl-phenylether
Concen: 2.905 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF117210.D
Acq: 23 Sep 2019 17:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 2649
Ion Ratio Lower Upper
248 100
250 198.2 76.2 114.4#
141 518.2 75.0 112.4#

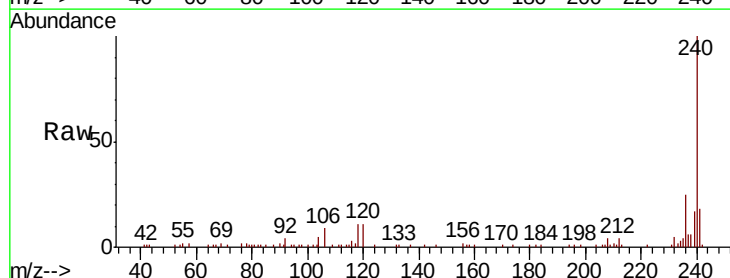


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

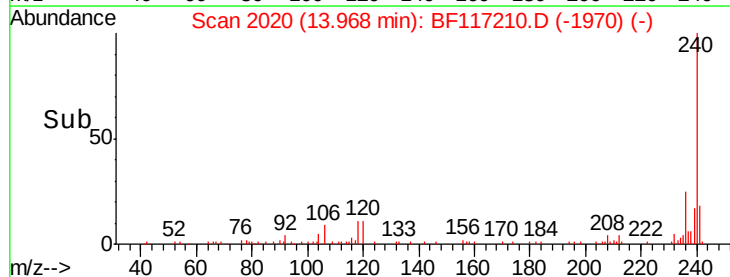
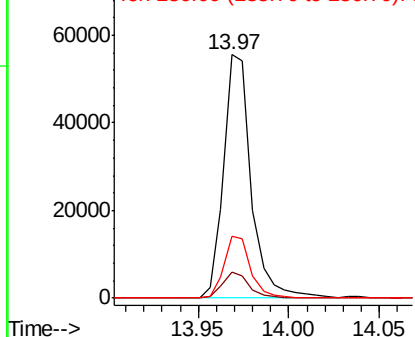


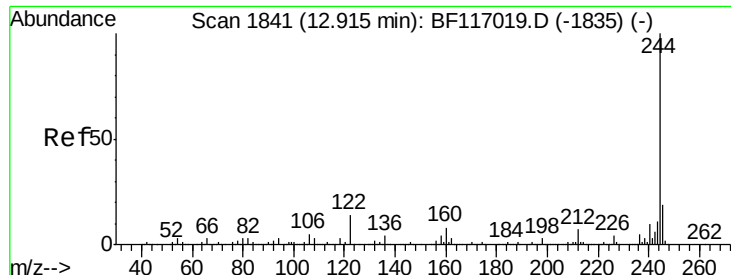
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117210.D
Acq: 23 Sep 2019 17:39

Tgt Ion:240 Resp: 59076
Ion Ratio Lower Upper
240 100
120 10.6 8.3 12.5
236 25.5 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

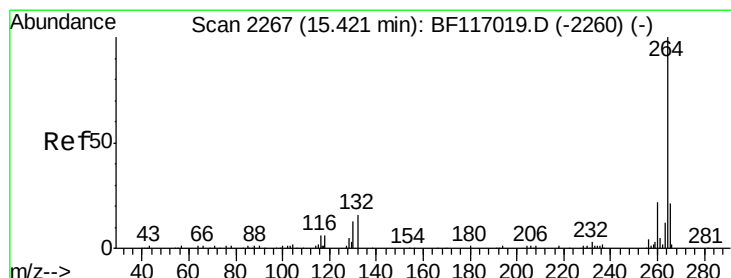
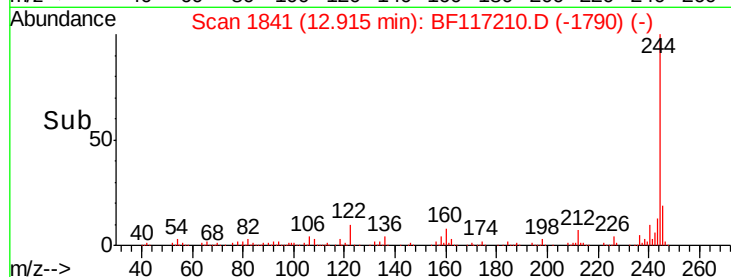
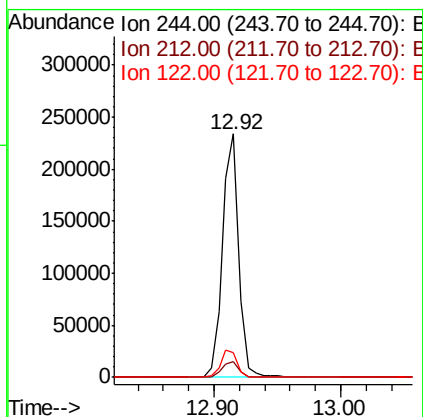
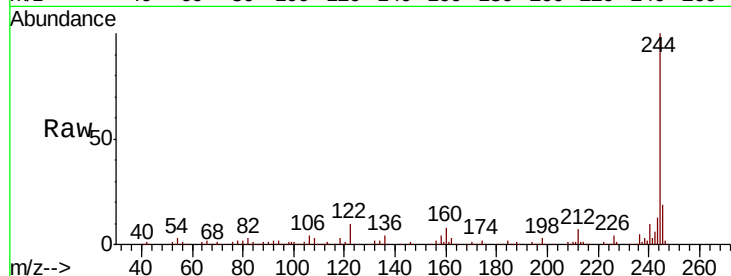




#79
 Terphenyl-d14
 Concen: 65.984 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF117210.D
 Acq: 23 Sep 2019 17:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 208541
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.8
 122 10.3 11.3 16.9#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. -0.00 min
 Lab File: BF117210.D
 Acq: 23 Sep 2019 17:39

Tgt Ion:264 Resp: 54829
 Ion Ratio Lower Upper
 264 100
 260 25.8 17.6 26.4
 265 22.0 16.6 24.8

