

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
 Data File : BF117125.D
 Acq On : 17 Sep 2019 23:30
 Operator : HP/JU
 Sample : K4923-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 18 03:54:58 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

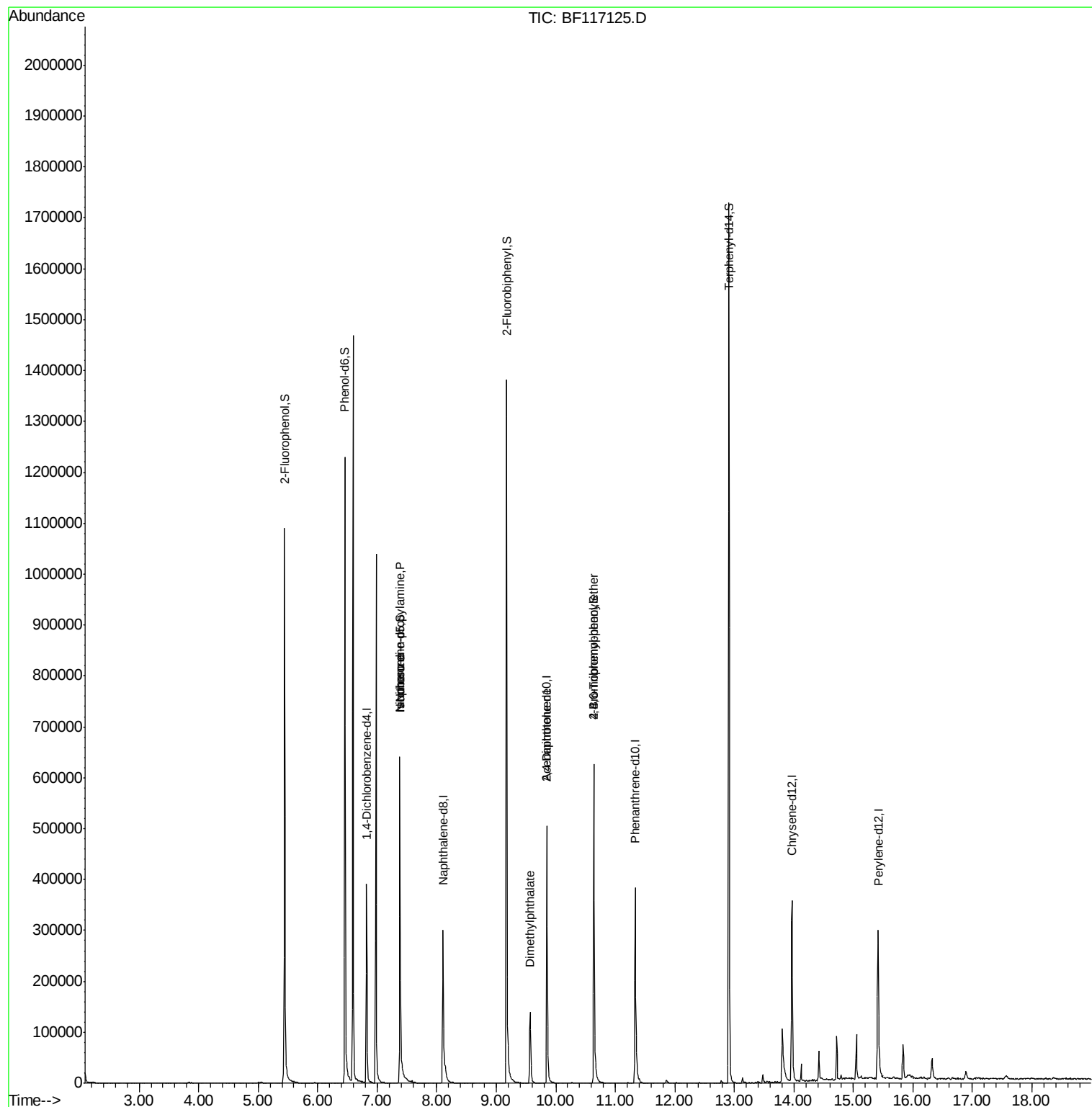
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	59291	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	234259	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	124323	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	209627	20.00	ng	0.00
76) Chrysene-d12	13.97	240	156456	20.00	ng	0.00
87) Perylene-d12	15.42	264	142089	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	337122	88.77	ng	0.00
7) Phenol-d6	6.46	99	468691	95.50	ng	0.00
23) Nitrobenzene-d5	7.38	82	292689	65.65	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	94913	91.35	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	555711	69.89	ng	0.00
79) Terphenyl-d14	12.91	244	565796	67.60	ng	0.00
Target Compounds						
9) Benzaldehyde	6.46	77	513	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.38	70	37691	12.612 ng	#	1
25) Isophorone	7.38	82	292688	37.077 ng	#	78
50) Dimethylphthalate	9.57	163	90104	10.236 ng	#	66
57) 2,4-Dinitrotoluene	9.85	165	15339	6.591 ng	#	99
67) 4-Bromophenyl-phenylether	10.64	248	5570	2.602 ng	#	18

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

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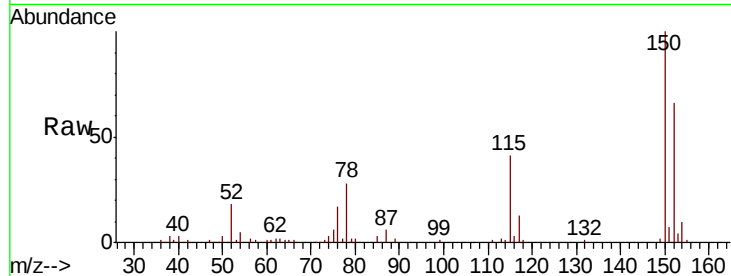


#1

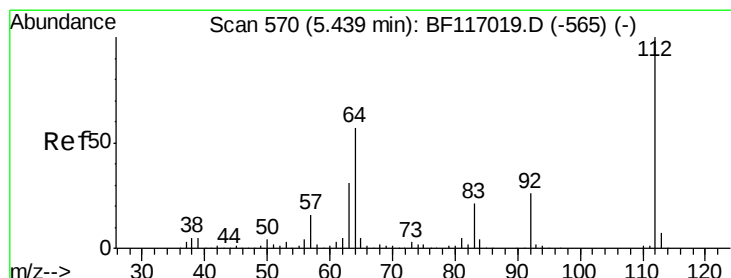
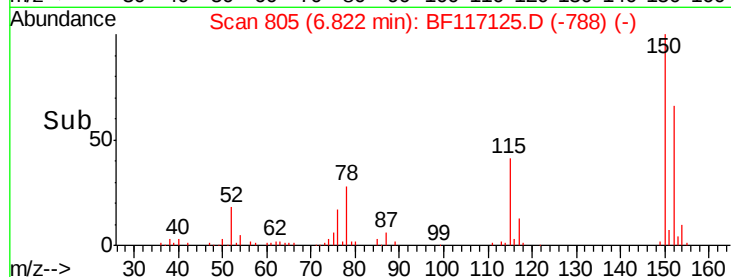
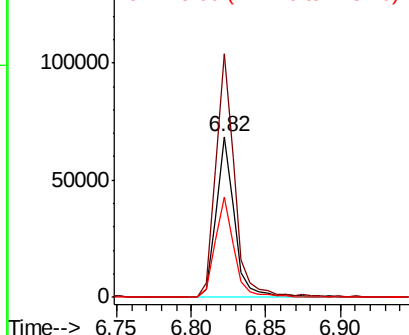
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117125.D
Acq: 17 Sep 2019 23:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 59291
Ion Ratio Lower Upper
152 100
150 151.5 127.5 191.3
115 62.5 55.0 82.4



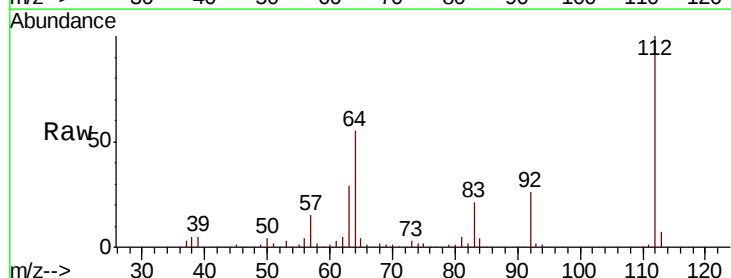
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



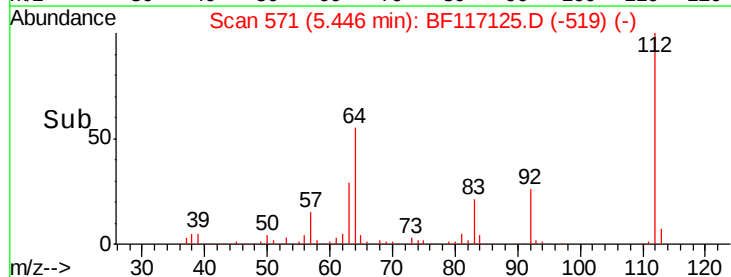
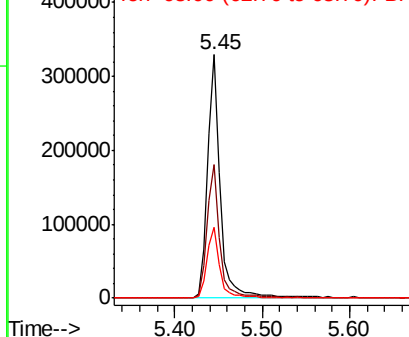
#5

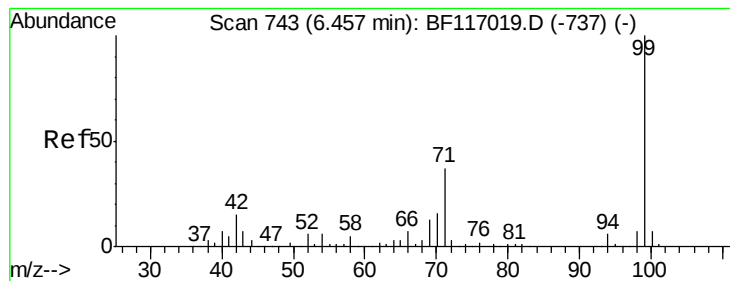
2-Fluorophenol
Concen: 88.771 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF117125.D
Acq: 17 Sep 2019 23:30

Tgt Ion:112 Resp: 337122
Ion Ratio Lower Upper
112 100
64 54.6 45.7 68.5
63 29.1 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: 95.496 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117125.D

Acq: 17 Sep 2019 23:30

Instrument :

BNA_F

ClientSampleId :

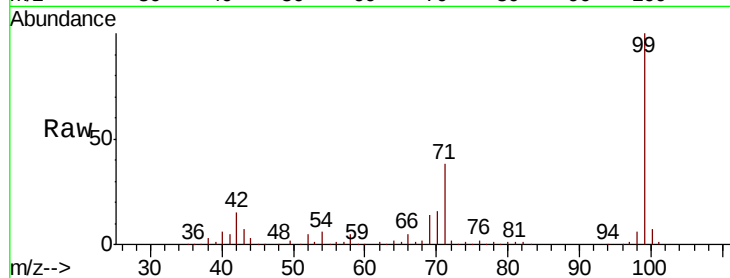
Tot Ion: 99 Resp: 468691

Ion Ratio Lower Upper

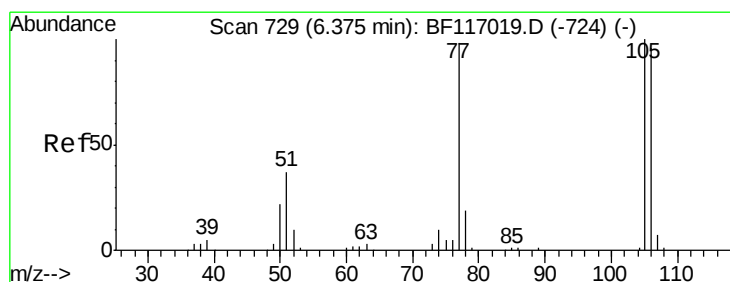
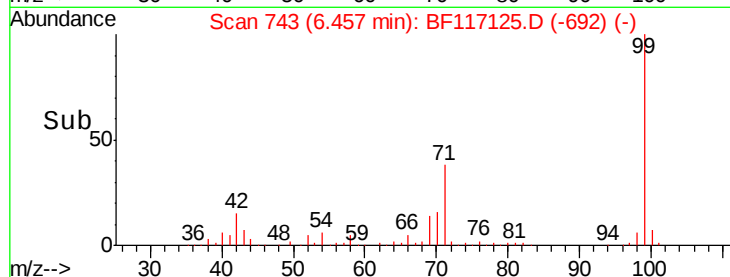
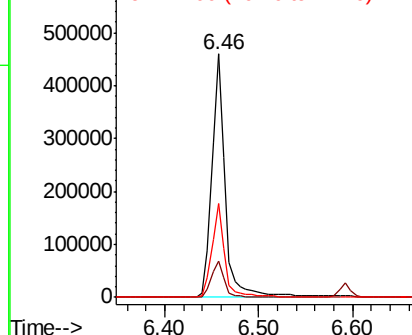
99 100

42 15.0 12.2 18.2

71 38.5 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: 6.46 min Scan# 743

Delta R.T. 0.08 min

Lab File: BF117125.D

Acq: 17 Sep 2019 23:30

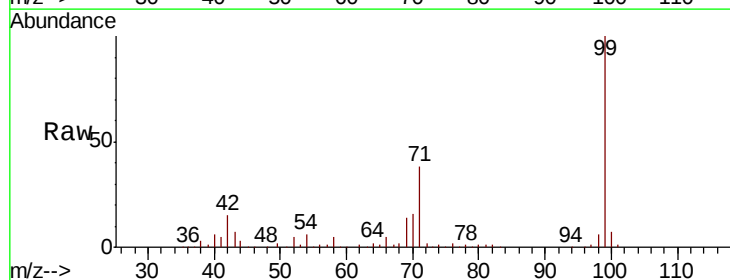
Tgt Ion: 77 Resp: 513

Ion Ratio Lower Upper

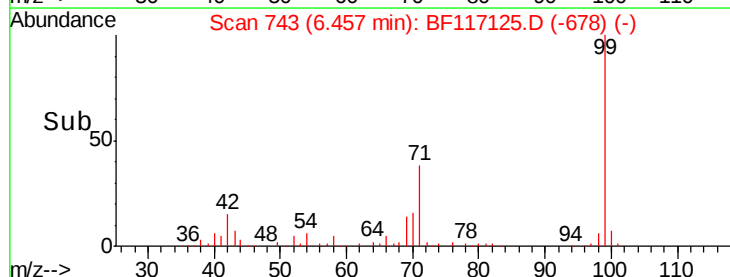
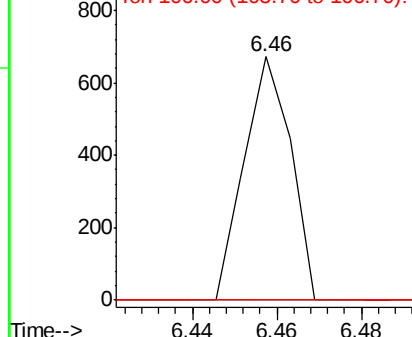
77 100

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

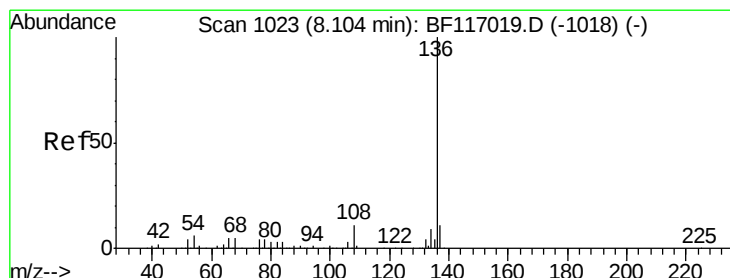
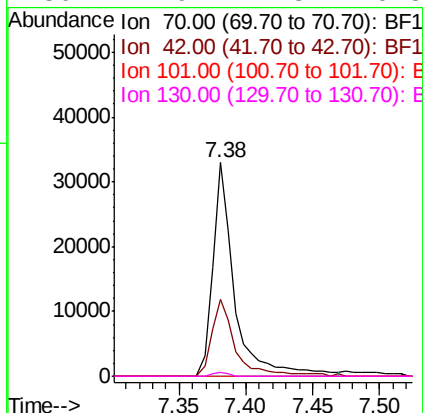
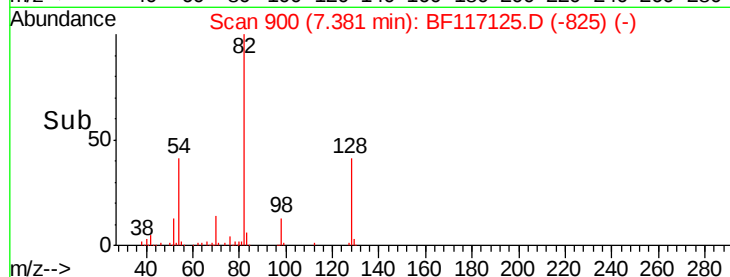
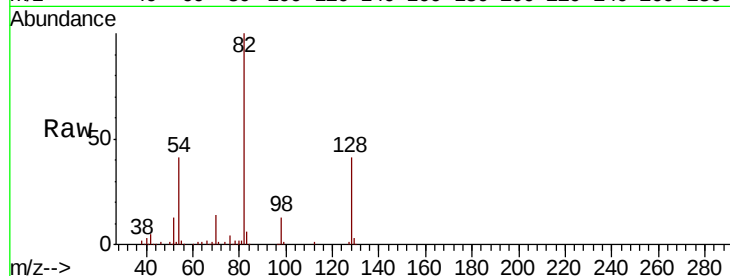




#19
n-Nitroso-di-n-propylamine
Concen: 12.612 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.14 min
Lab File: BF117125.D
Acq: 17 Sep 2019 23:30

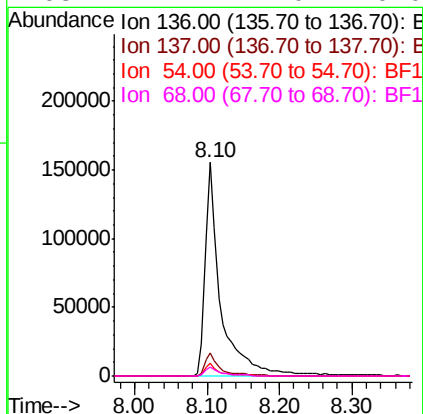
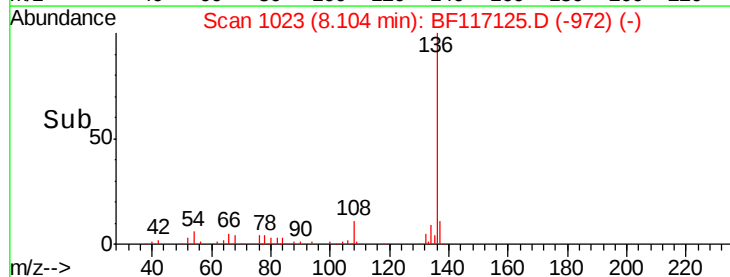
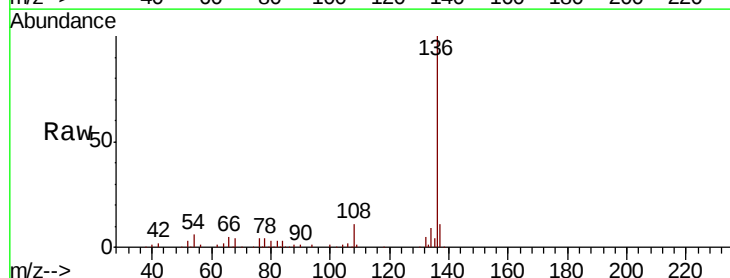
Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 37691
Ion Ratio Lower Upper
70 100
42 36.2 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: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117125.D
Acq: 17 Sep 2019 23:30

Tgt Ion: 136 Resp: 234259
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 5.7 4.5 6.7
68 4.4 4.0 6.0

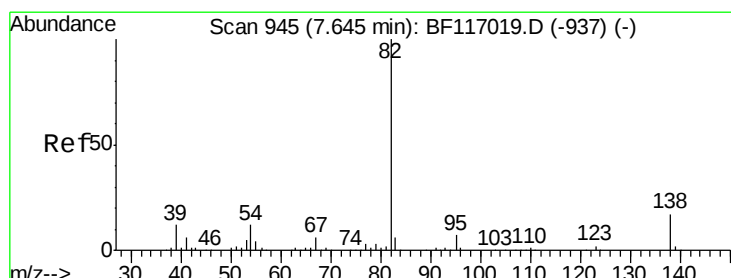
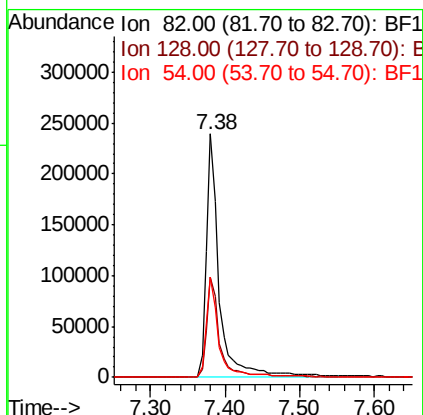
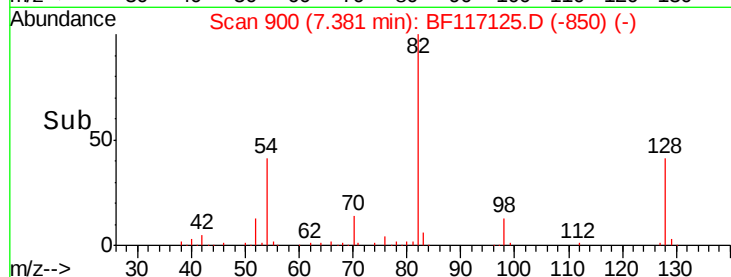
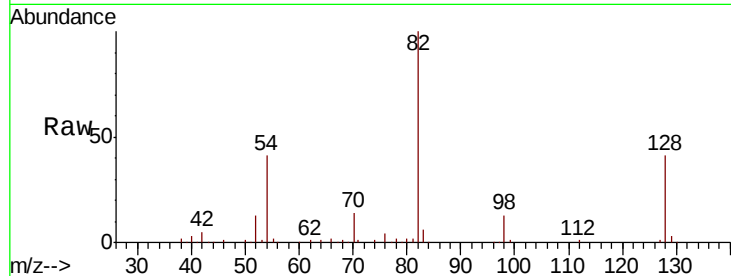




#23
 Nitrobenzene-d5
 Concen: 65.648 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF117125.D
 Acq: 17 Sep 2019 23:30

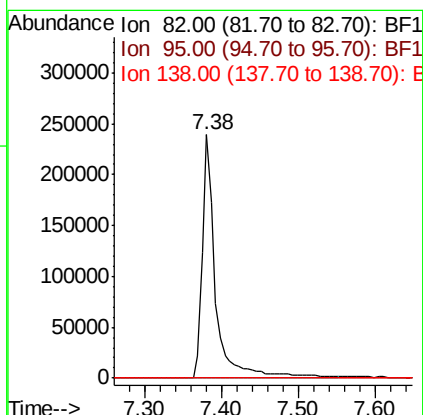
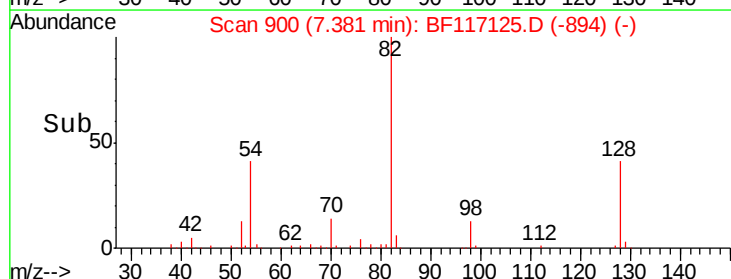
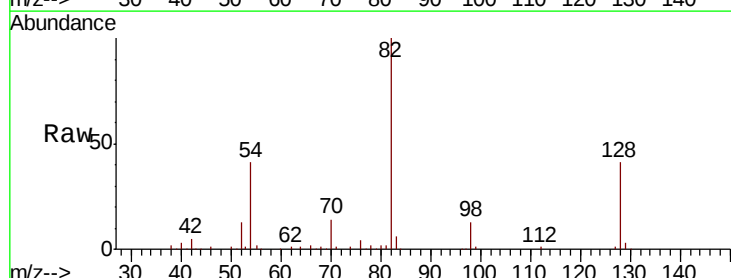
Instrument :
 BNA_F
 ClientSampleId :

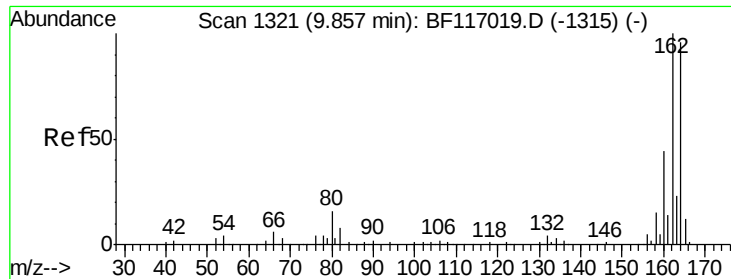
Tot Ion	82	Resp	292689
Ion Ratio	Lower	Upper	
82	100		
128	41.3	32.3	48.5
54	41.1	33.3	49.9



#25
 Isophorone
 Concen: 37.077 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.26 min
 Lab File: BF117125.D
 Acq: 17 Sep 2019 23:30

Tgt Ion	82	Resp	292688
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#

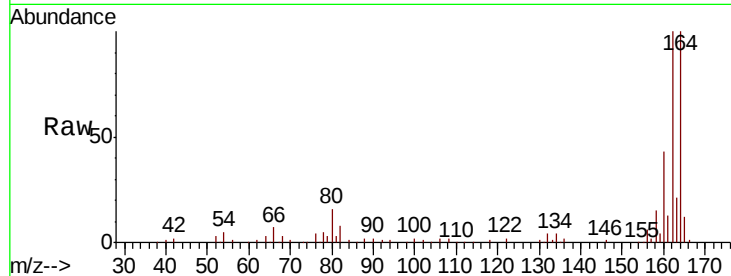




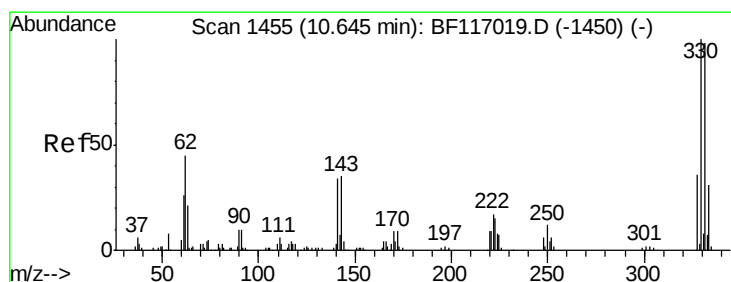
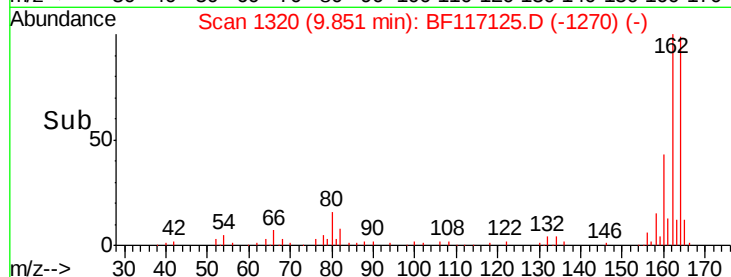
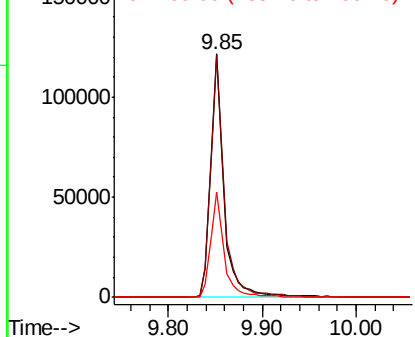
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117125.D
Acq: 17 Sep 2019 23:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 124323
Ion Ratio Lower Upper
164 100
162 99.6 83.4 125.2
160 43.2 36.4 54.6

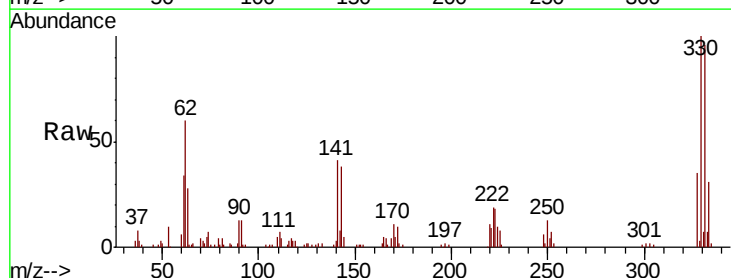


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

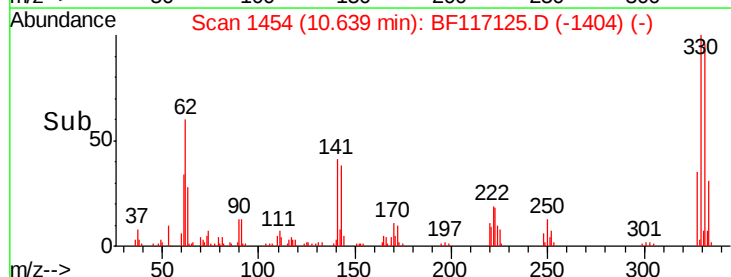
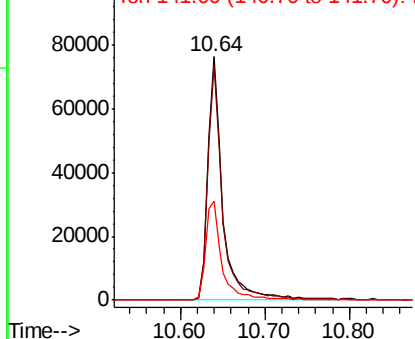


#42
2,4,6-Tribromophenol
Concen: 91.345 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117125.D
Acq: 17 Sep 2019 23:30

Tgt Ion:330 Resp: 94913
Ion Ratio Lower Upper
330 100
332 94.9 78.0 117.0
141 43.6 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

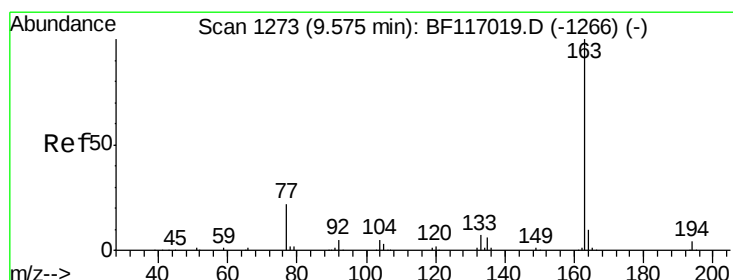
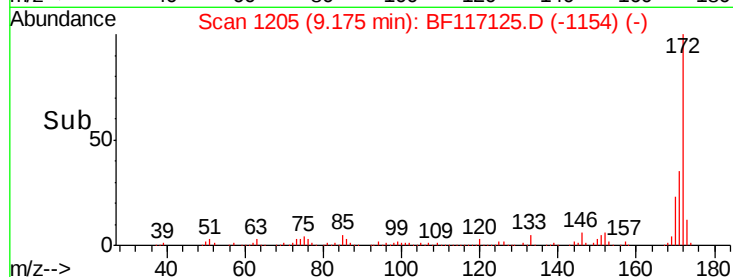
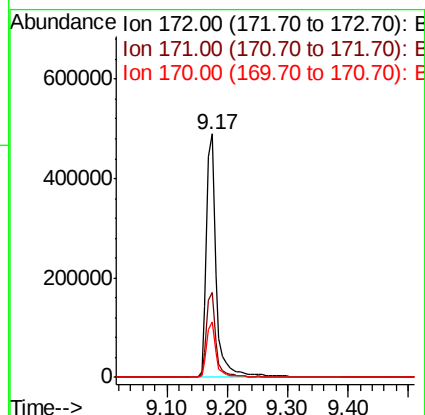
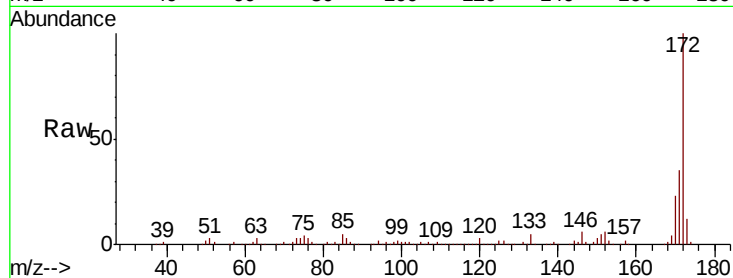




#45
2-Fluorobiphenyl
Concen: 69.890 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117125.D
Acq: 17 Sep 2019 23:30

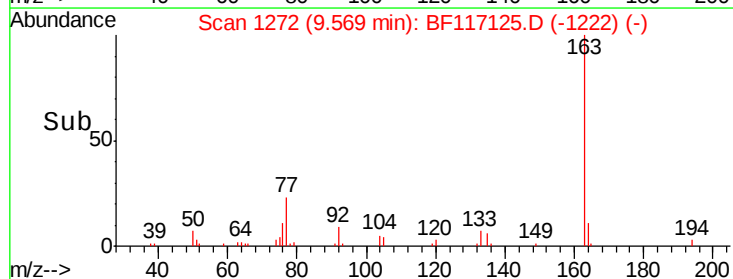
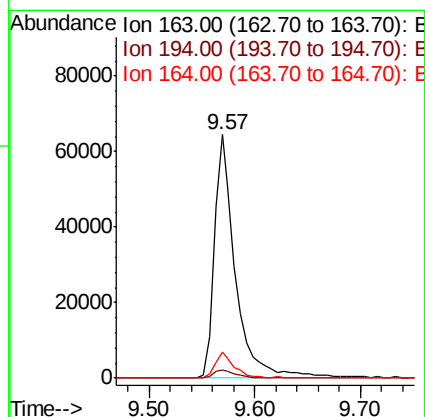
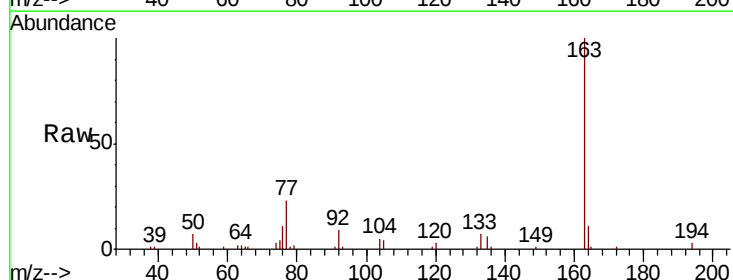
Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 555711
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.0 18.9 28.3



#50
Dimethylphthalate
Concen: 10.236 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF117125.D
Acq: 17 Sep 2019 23:30

Tgt Ion:163 Resp: 90104
Ion Ratio Lower Upper
163 100
194 3.4 2.9 4.3
164 10.6 8.2 12.4

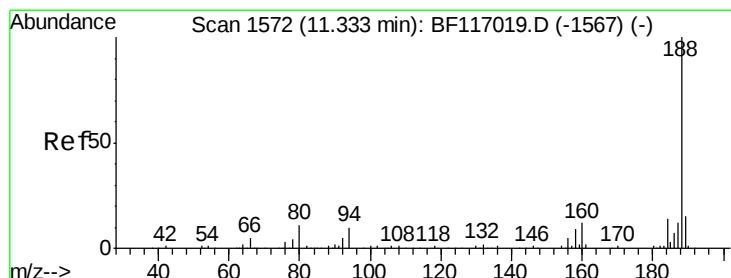
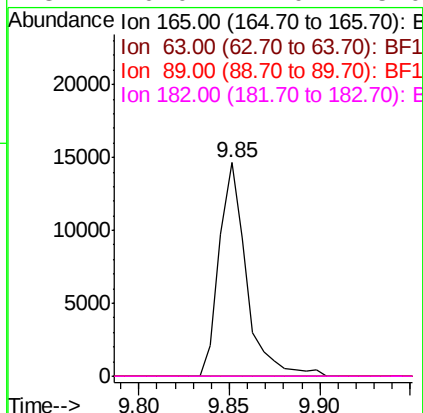
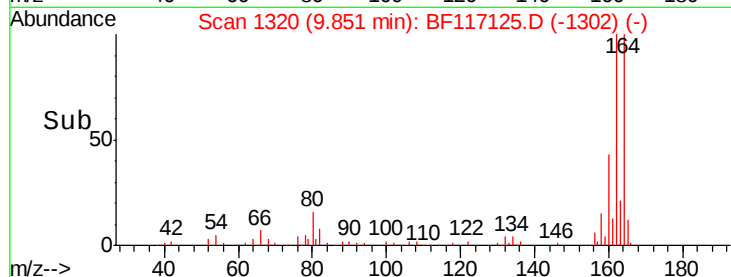
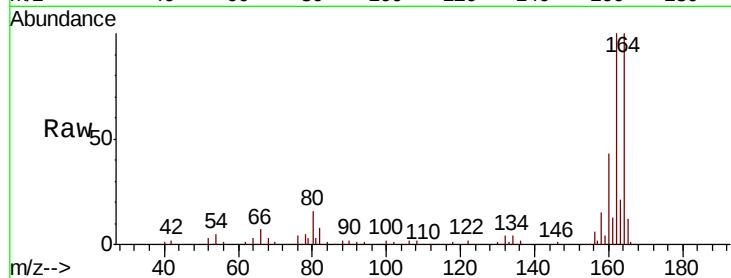




#57
 2,4-Dinitrotoluene
 Concen: 6.591 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.19 min
 Lab File: BF117125.D
 Acq: 17 Sep 2019 23:30

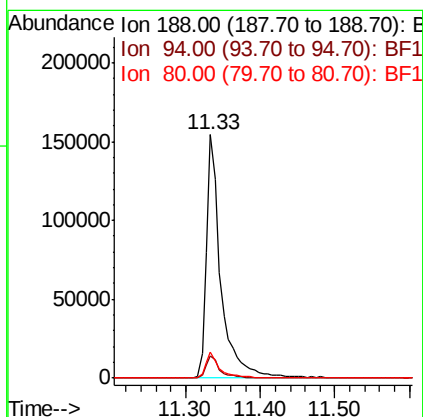
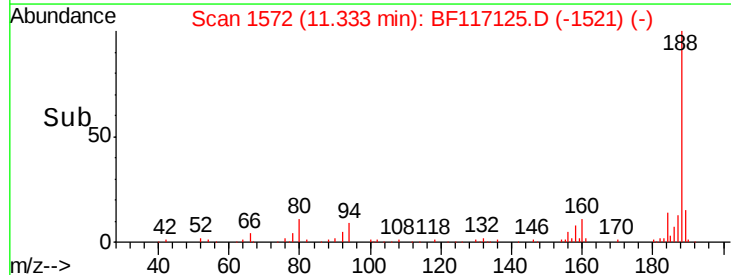
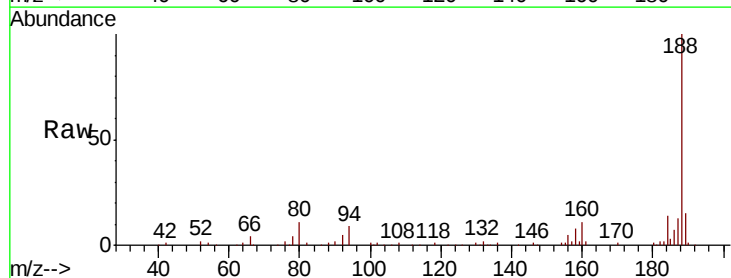
Instrument :
 BNA_F
 ClientSampleId :

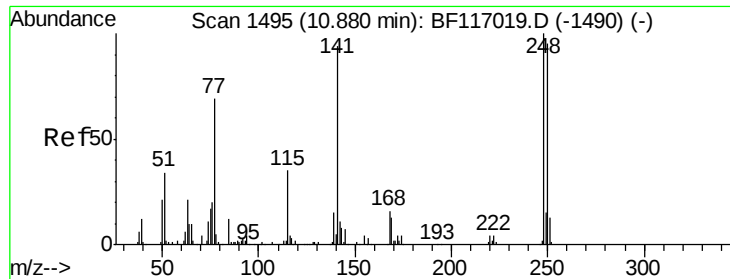
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.4#
89	0.0	66.1	99.1#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF117125.D
 Acq: 17 Sep 2019 23:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.2	12.2
80	10.6	9.0	13.6

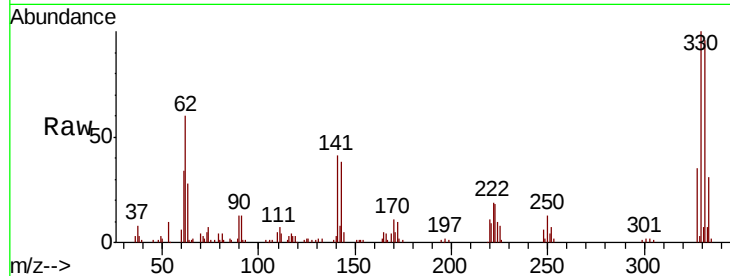




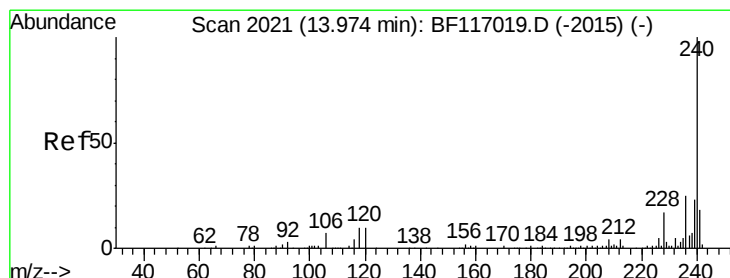
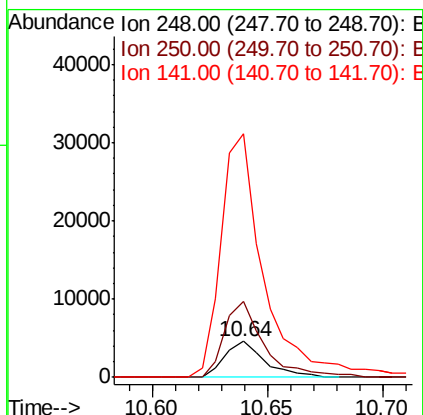
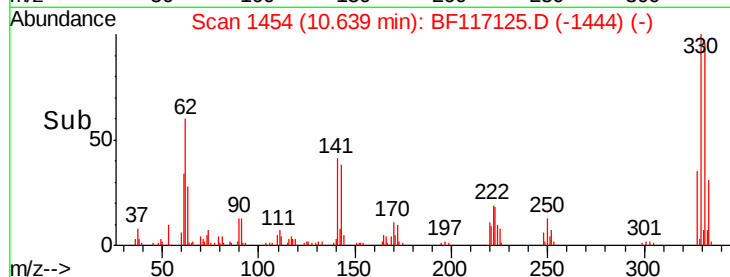
#67
 4-Bromophenyl-phenylether
 Concen: 2.602 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF117125.D
 Acq: 17 Sep 2019 23:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 5570
 Ion Ratio Lower Upper
 248 100
 250 213.7 76.2 114.4#
 141 681.9 75.0 112.4#

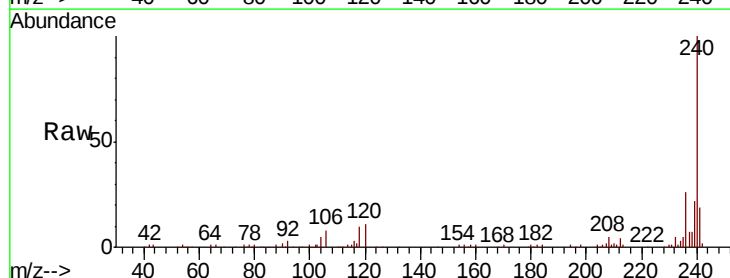


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

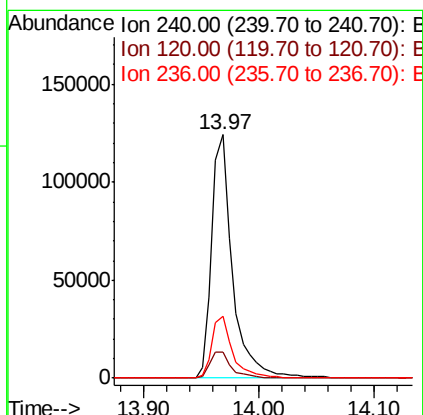
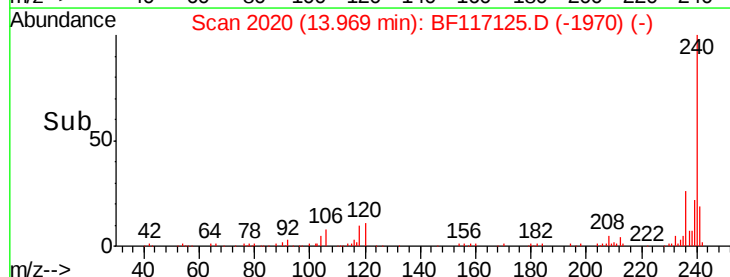


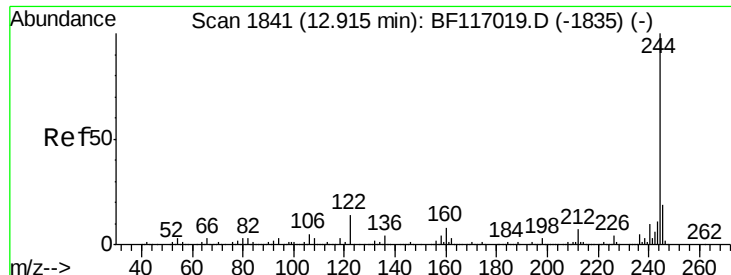
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF117125.D
 Acq: 17 Sep 2019 23:30

Tgt Ion:240 Resp: 156456
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.3 12.5
 236 25.6 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: 67.597 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF117125.D

Acq: 17 Sep 2019 23:30

Instrument :

BNA_F

ClientSampleId :

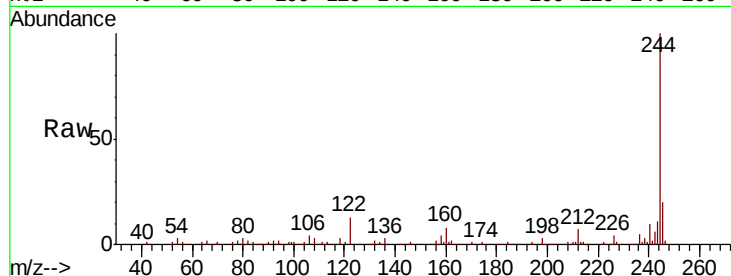
Tot Ion:244 Resp: 565796

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

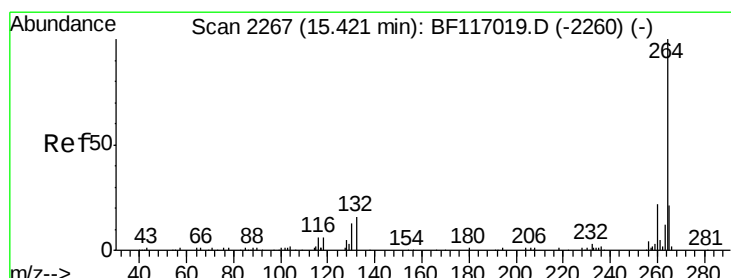
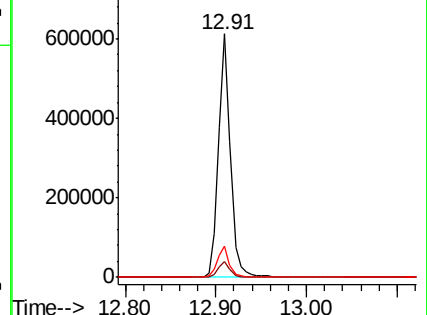
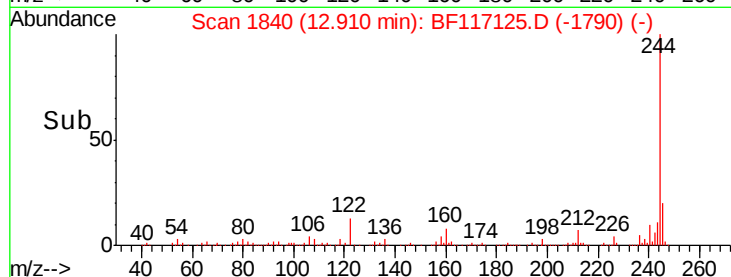
122 13.0 11.3 16.9



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

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF117125.D

Acq: 17 Sep 2019 23:30

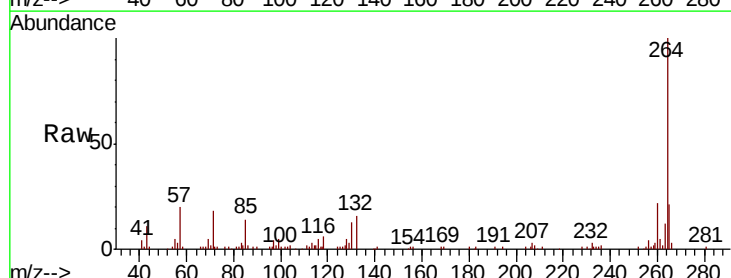
Tgt Ion:264 Resp: 142089

Ion Ratio Lower Upper

264 100

260 22.5 17.6 26.4

265 21.2 16.6 24.8



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

