

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100319\
 Data File : BF117321.D
 Acq On : 3 Oct 2019 17:33
 Operator : JU
 Sample : PB123339BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB123339BL

Quant Time: Oct 04 03:19:07 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

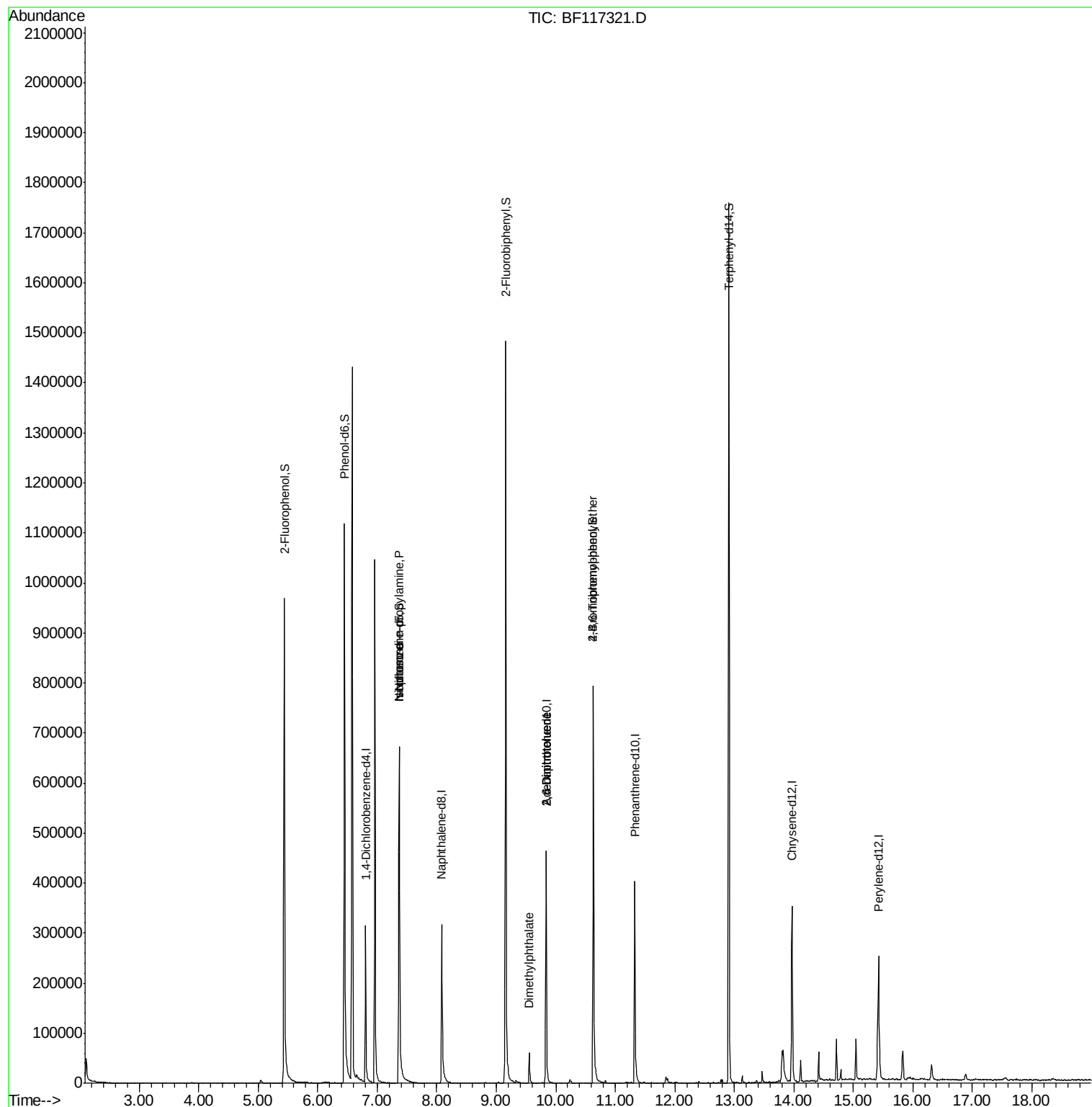
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	51579	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	210859	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	112425	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	186272	20.00	ng	0.00
76) Chrysene-d12	13.97	240	141791	20.00	ng	0.00
87) Perylene-d12	15.42	264	123530	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	335353	101.51	ng	0.00
7) Phenol-d6	6.45	99	495702	116.10	ng	0.00
23) Nitrobenzene-d5	7.37	82	307303	76.57	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	108404	115.37	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	581311	80.85	ng	-0.01
79) Terphenyl-d14	12.91	244	594702	78.40	ng	0.00
Target Compounds						
9) Benzaldehyde	6.45	77	507	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	39599	15.231 ng	#	1
25) Isophorone	7.37	82	307302	43.248 ng	#	83
50) Dimethylphthalate	9.55	163	33713	4.235 ng	#	66
51) 2,6-Dinitrotoluene	9.84	165	14232	8.778 ng	#	99
57) 2,4-Dinitrotoluene	9.84	165	14232	6.763 ng	#	24
67) 4-Bromophenyl-phenylether	10.63	248	7140	3.753 ng	#	18
					#	1

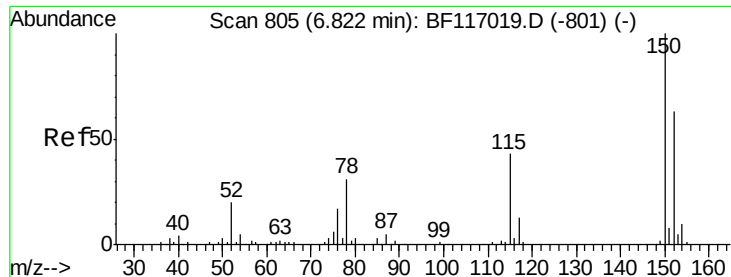
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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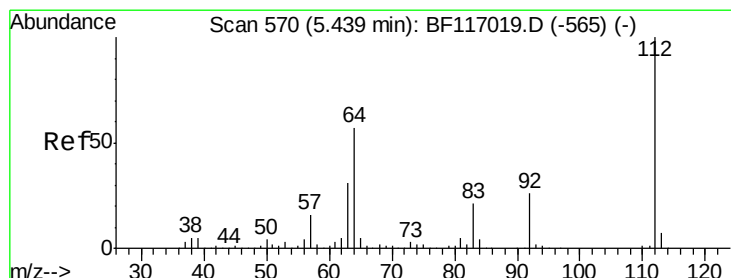
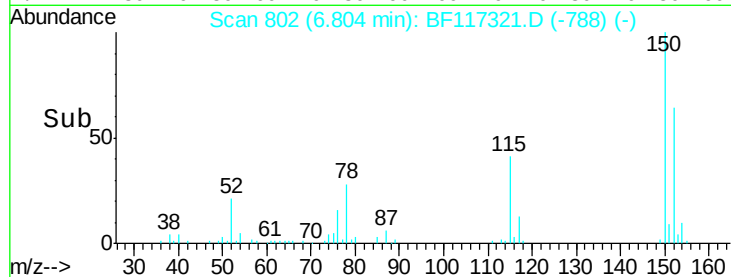
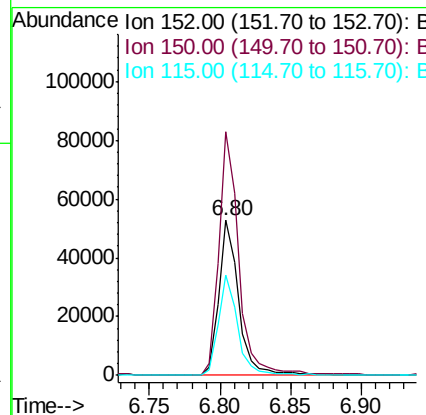
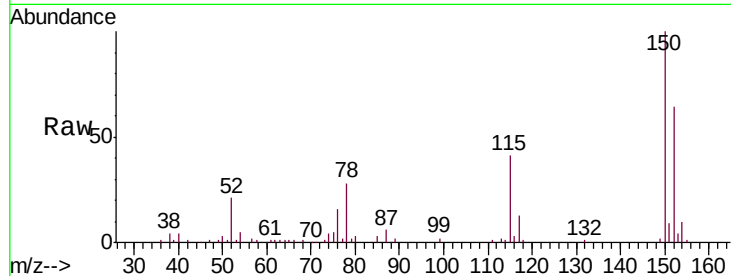


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF117321.D
Acq: 3 Oct 2019 17:33

Instrument :
BNA_F
ClientSampleId :
PB123339BL

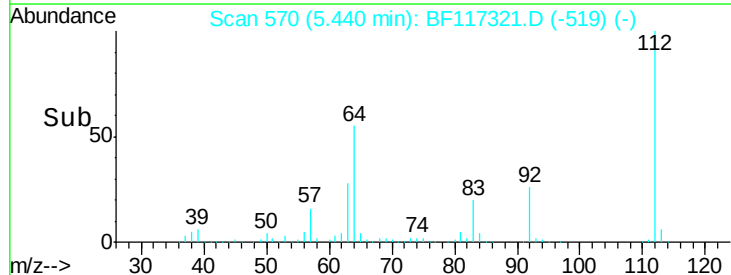
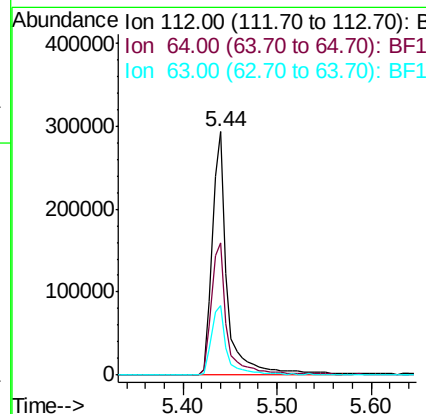
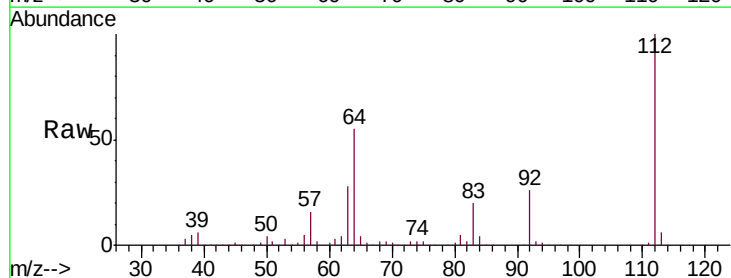
Tgt Ion:152 Resp: 51579
Ion Ratio Lower Upper
152 100
150 157.4 127.5 191.3
115 65.2 55.0 82.4

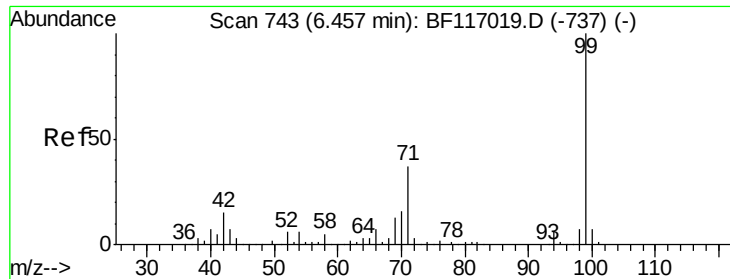


#5

2-Fluorophenol
Concen: 101.508 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF117321.D
Acq: 3 Oct 2019 17:33

Tgt Ion:112 Resp: 335353
Ion Ratio Lower Upper
112 100
64 54.6 45.7 68.5
63 28.4 24.9 37.3





#7

Phenol-d6

Concen: 116.101 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117321.D

Acq: 3 Oct 2019 17:33

Instrument :

BNA_F

ClientSampleID :

PB123339BL

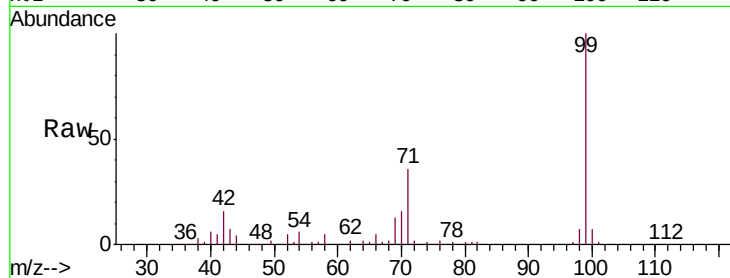
Tgt Ion: 99 Resp: 495702

Ion Ratio Lower Upper

99 100

42 15.6 12.2 18.2

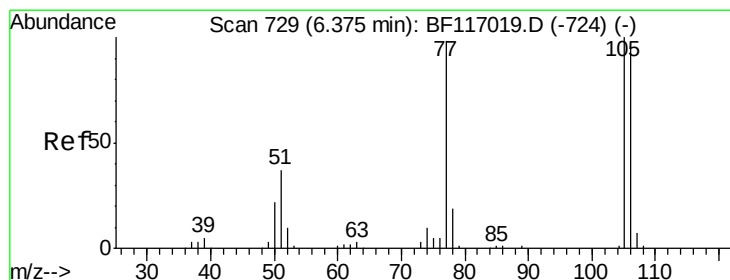
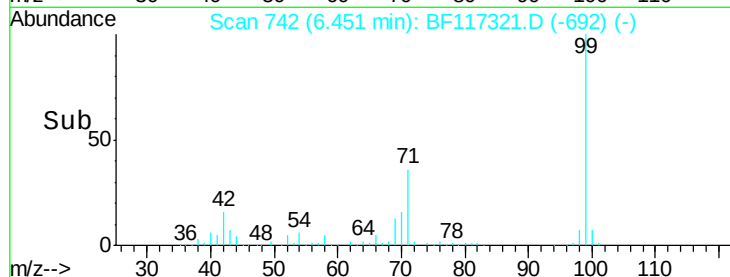
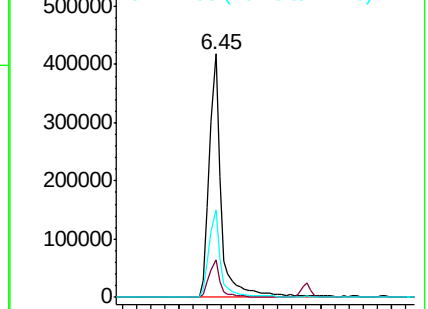
71 36.1 29.8 44.8



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: BF117321.D

Acq: 3 Oct 2019 17:33

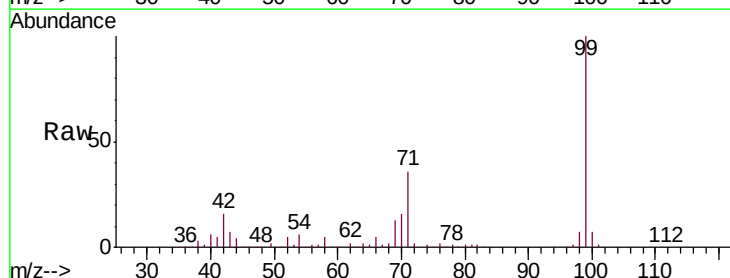
Tgt Ion: 77 Resp: 507

Ion Ratio Lower Upper

77 100

105 0.0 81.8 121.8#

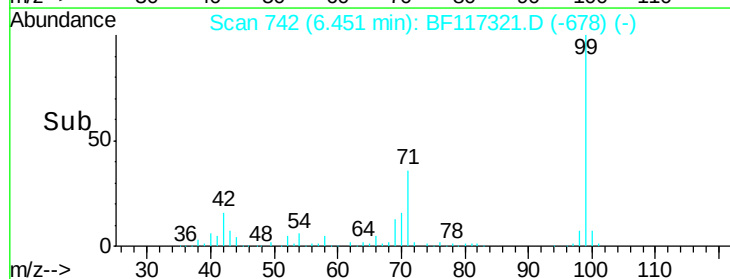
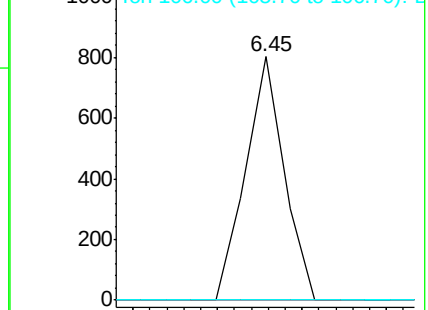
106 0.0 77.3 117.3#

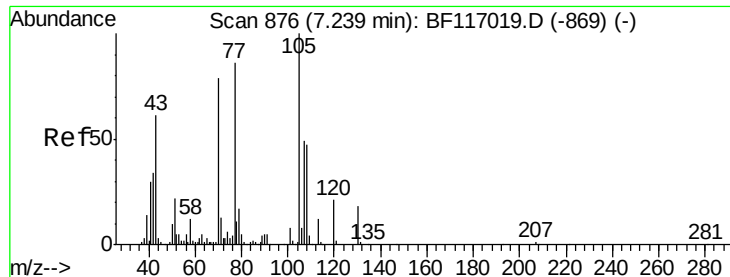


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 15.231 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.13 min

Lab File: BF117321.D

Acq: 3 Oct 2019 17:33

Instrument :

BNA_F

ClientSampleId :

PB123339BL

Tgt Ion: 70 Resp: 39599

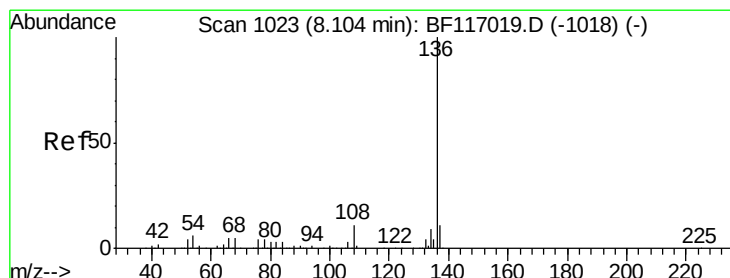
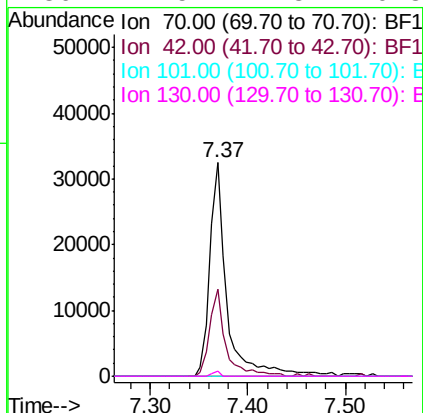
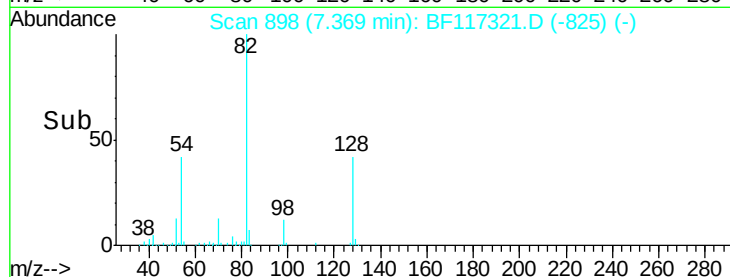
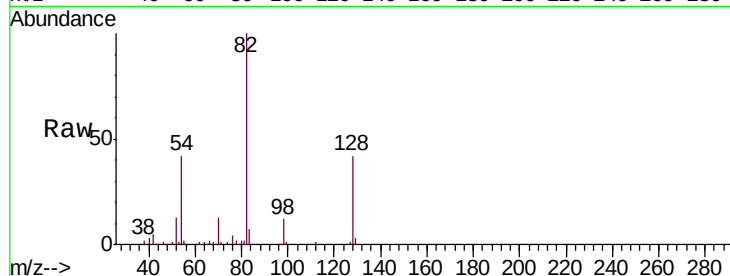
Ion Ratio Lower Upper

70 100

42 41.0 34.0 51.0

101 0.0 7.8 11.6#

130 2.5 17.8 26.8#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF117321.D

Acq: 3 Oct 2019 17:33

Tgt Ion: 136 Resp: 210859

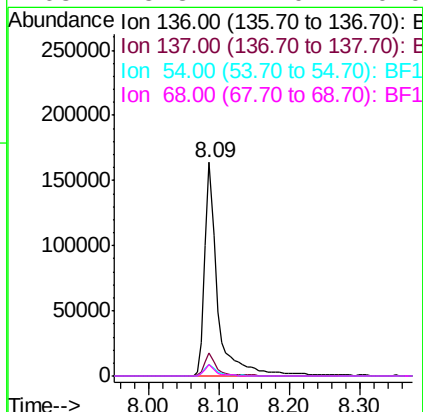
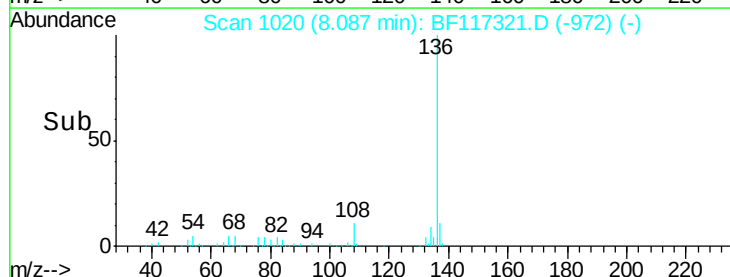
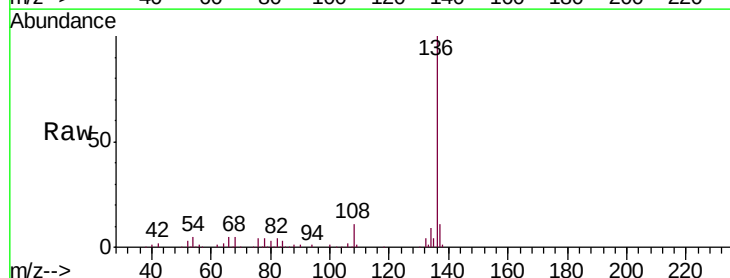
Ion Ratio Lower Upper

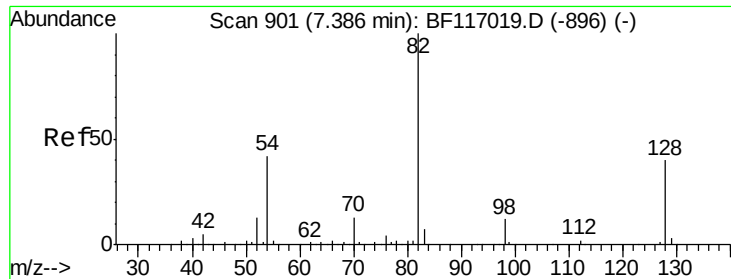
136 100

137 10.9 9.0 13.4

54 5.5 4.5 6.7

68 5.3 4.0 6.0

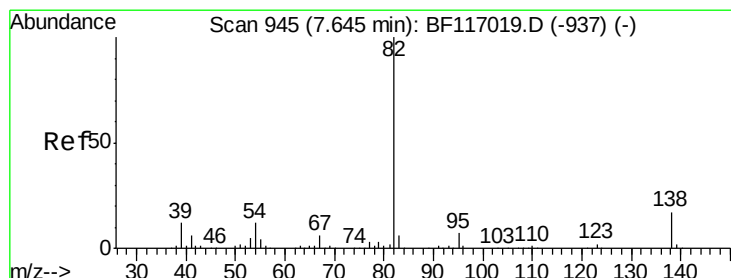
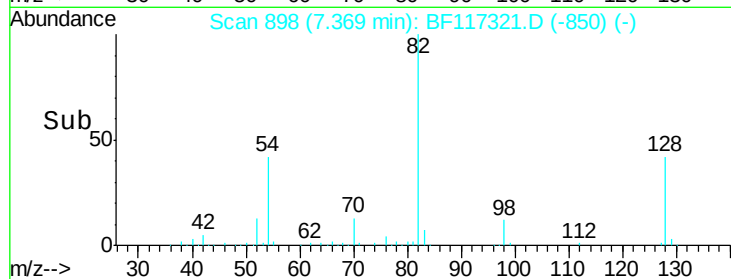
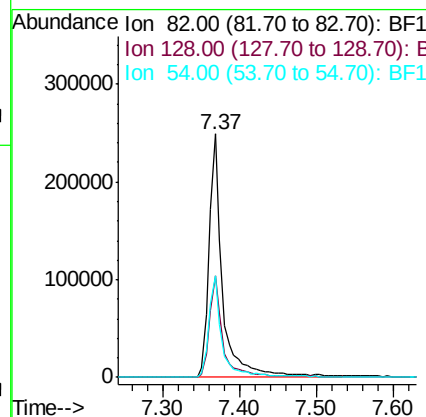
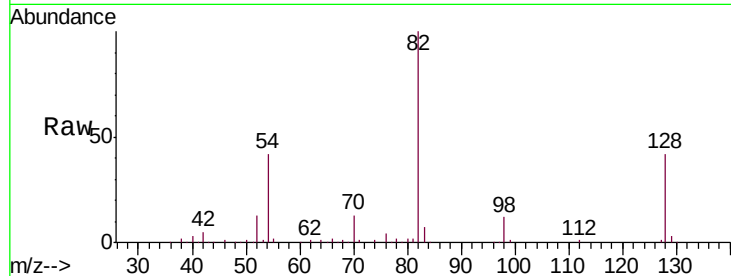




#23
Nitrobenzene-d5
Concen: 76.575 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF117321.D
Acq: 3 Oct 2019 17:33

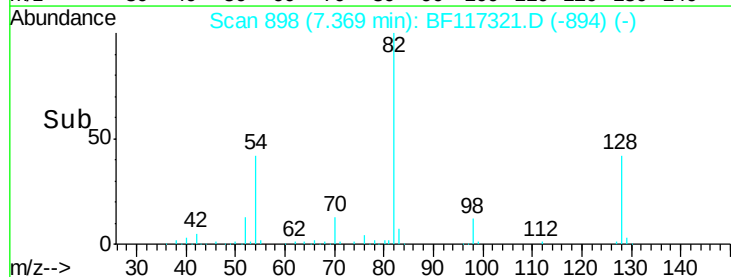
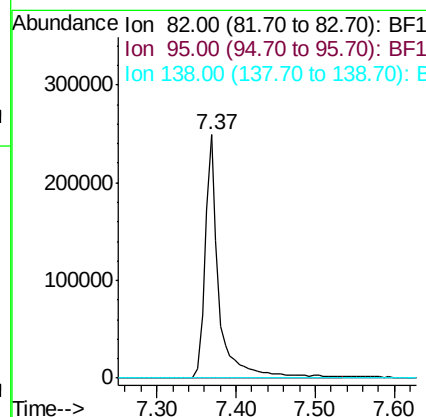
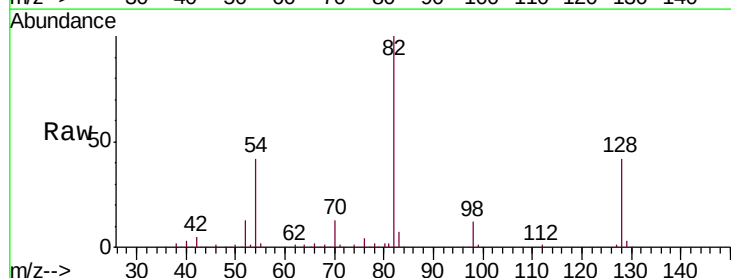
Instrument :
BNA_F
ClientSampleId :
PB123339BL

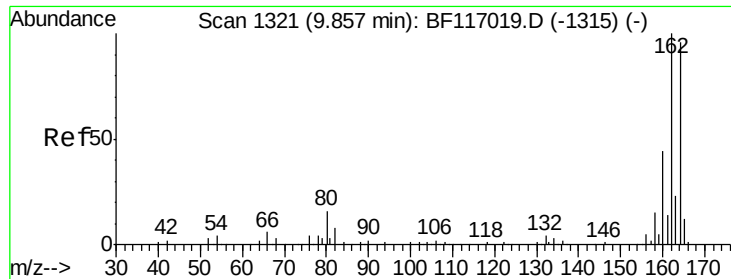
Tgt Ion: 82 Resp: 307303
Ion Ratio Lower Upper
82 100
128 41.6 32.3 48.5
54 41.9 33.3 49.9



#25
Isophorone
Concen: 43.248 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.28 min
Lab File: BF117321.D
Acq: 3 Oct 2019 17:33

Tgt Ion: 82 Resp: 307302
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 13.5 20.3#

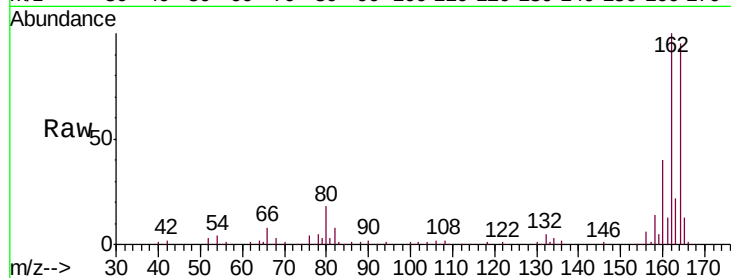




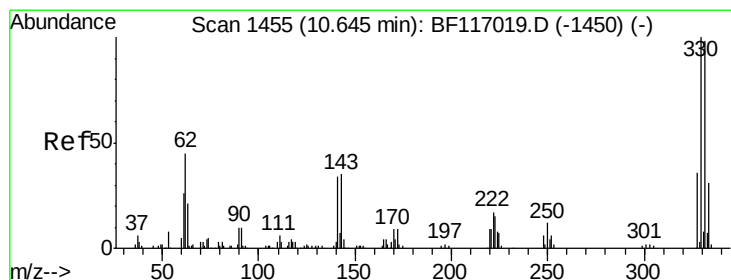
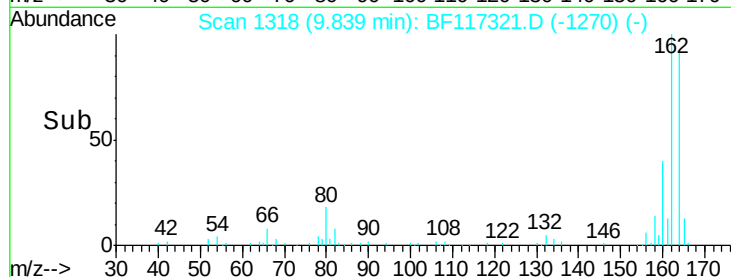
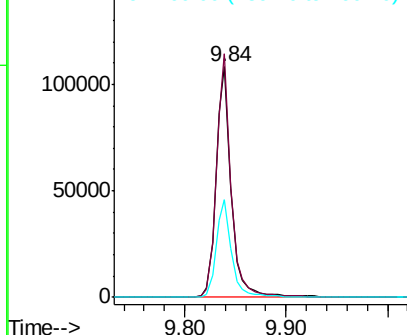
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.02 min
 Lab File: BF117321.D
 Acq: 3 Oct 2019 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB123339BL

Tgt Ion:164 Resp: 112425
 Ion Ratio Lower Upper
 164 100
 162 105.7 83.4 125.2
 160 42.6 36.4 54.6

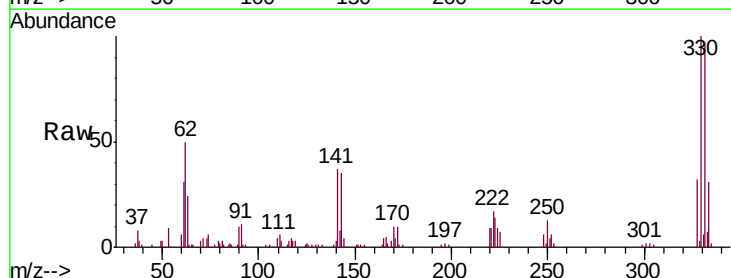


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

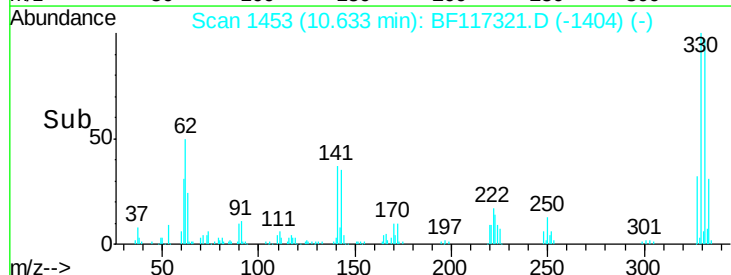
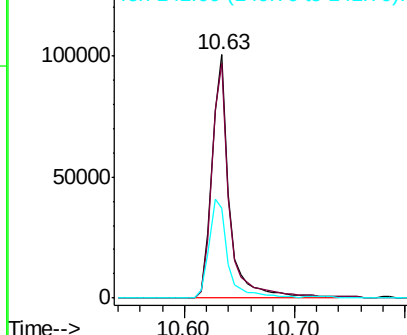


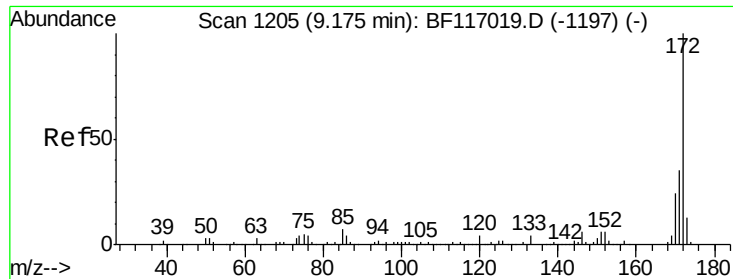
#42
 2,4,6-Tribromophenol
 Concen: 115.371 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF117321.D
 Acq: 3 Oct 2019 17:33

Tgt Ion:330 Resp: 108404
 Ion Ratio Lower Upper
 330 100
 332 97.8 78.0 117.0
 141 43.8 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

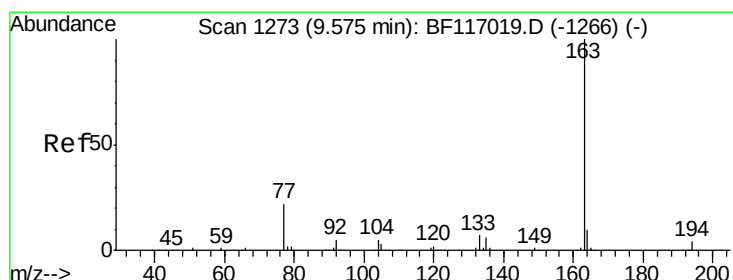
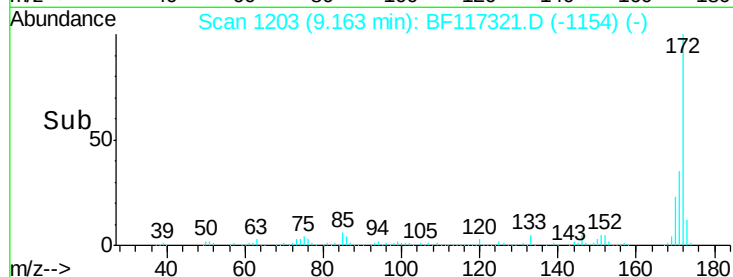
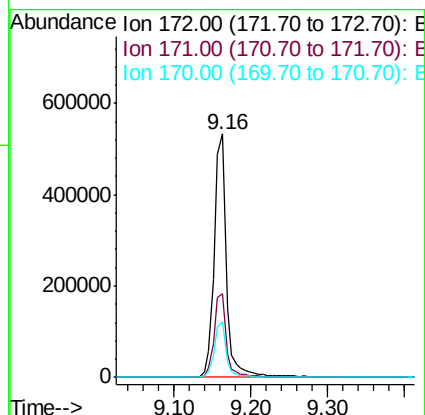
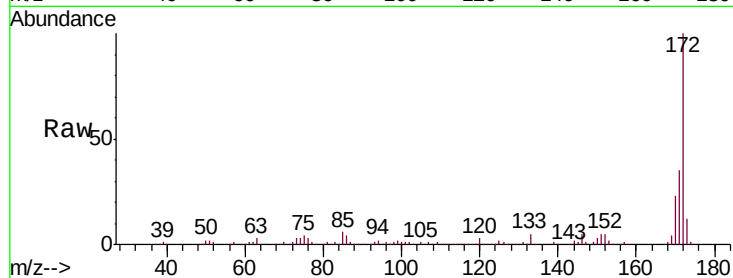




#45
2-Fluorobiphenyl
Concen: 80.847 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF117321.D
Acq: 3 Oct 2019 17:33

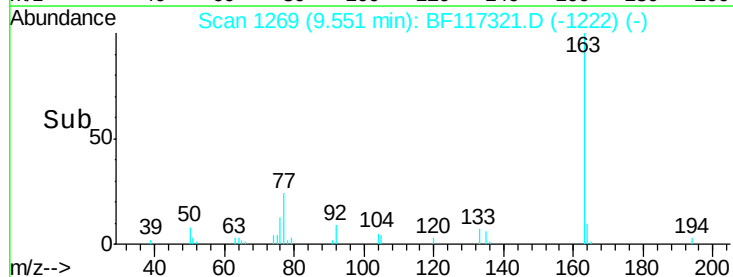
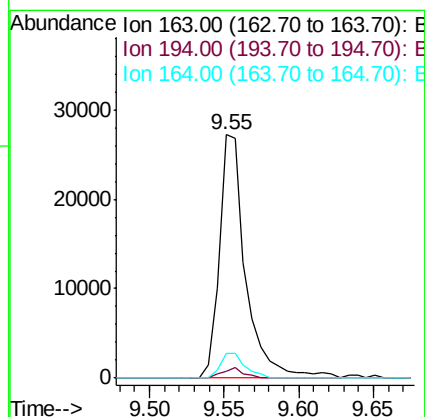
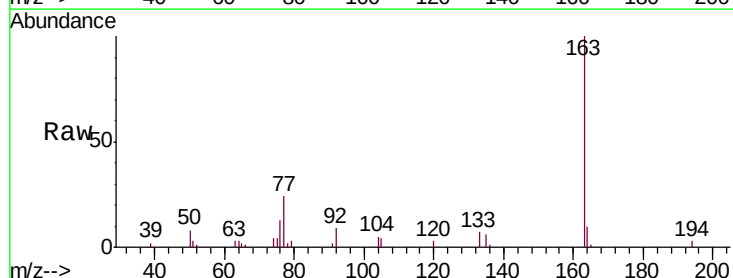
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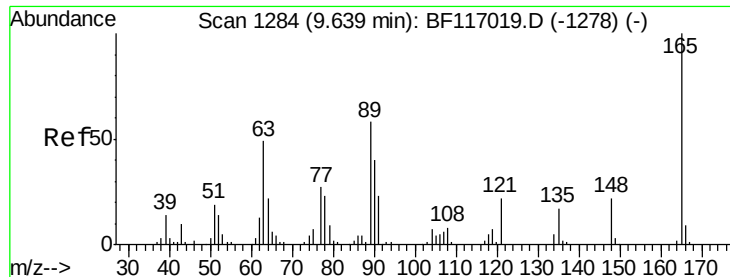
Tgt Ion:172 Resp: 581311
Ion Ratio Lower Upper
172 100
171 34.5 28.2 42.2
170 23.0 18.9 28.3



#50
Dimethylphthalate
Concen: 4.235 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF117321.D
Acq: 3 Oct 2019 17:33

Tgt Ion:163 Resp: 33713
Ion Ratio Lower Upper
163 100
194 2.6 2.9 4.3#
164 10.2 8.2 12.4

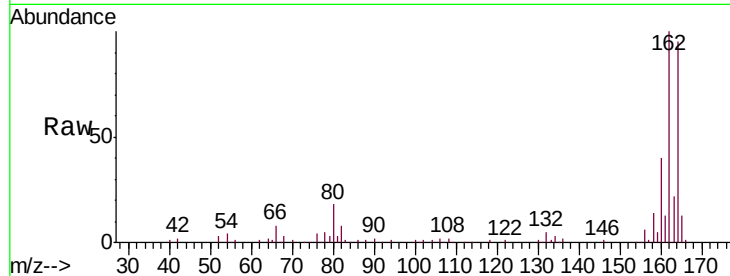




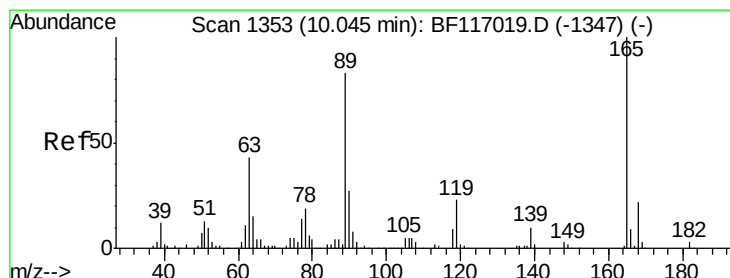
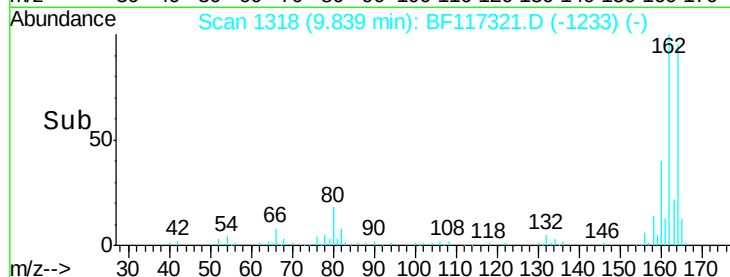
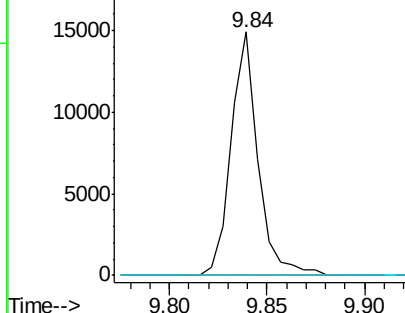
#51
 2,6-Dinitrotoluene
 Concen: 8.778 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.20 min
 Lab File: BF117321.D
 Acq: 3 Oct 2019 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB123339BL

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

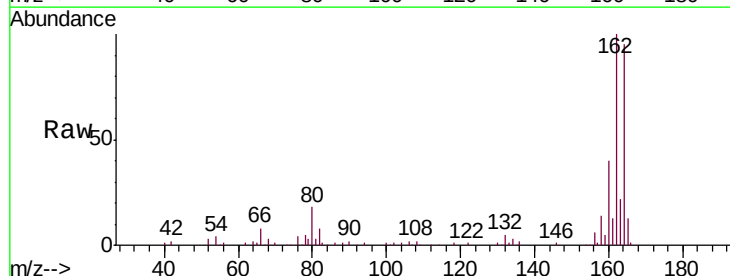


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

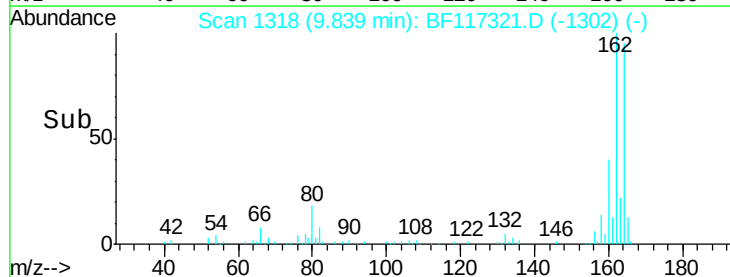
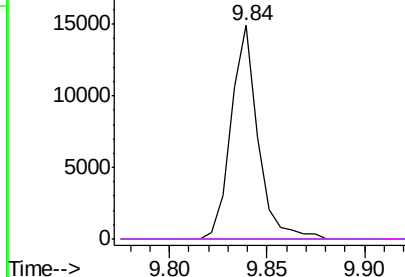


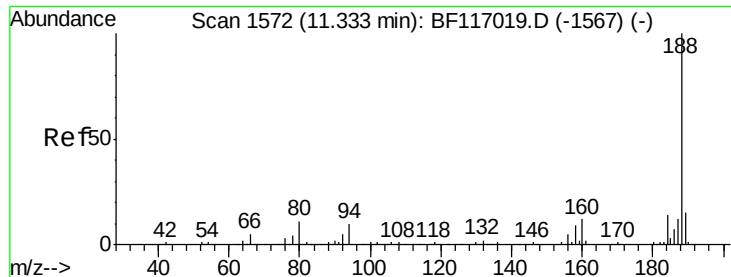
#57
 2,4-Dinitrotoluene
 Concen: 6.763 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.21 min
 Lab File: BF117321.D
 Acq: 3 Oct 2019 17:33

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



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

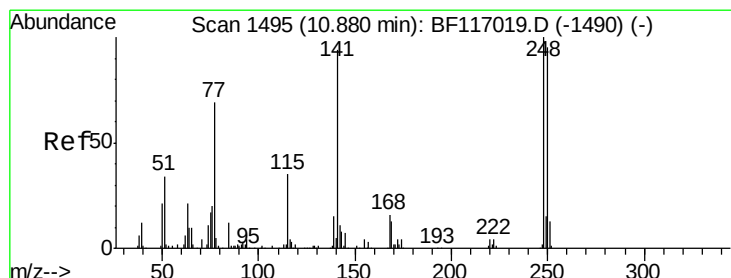
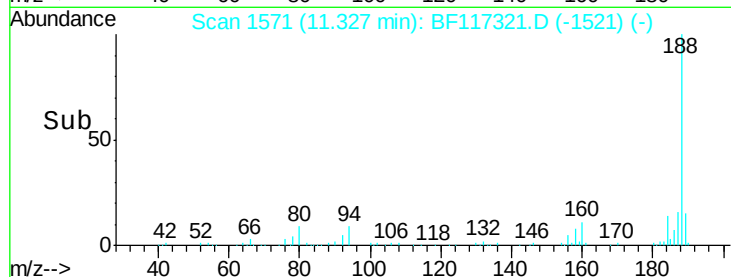
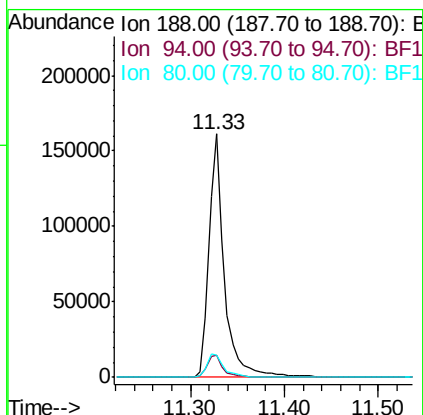
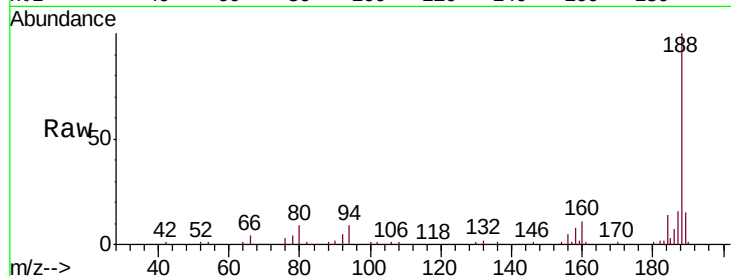




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF117321.D
Acq: 3 Oct 2019 17:33

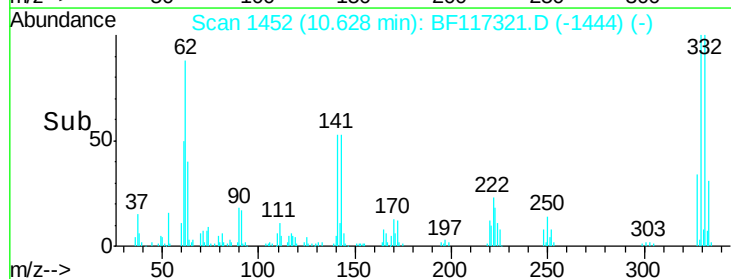
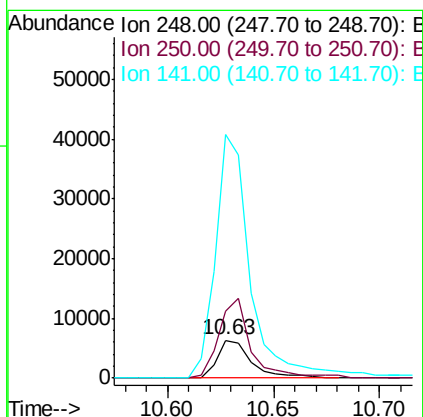
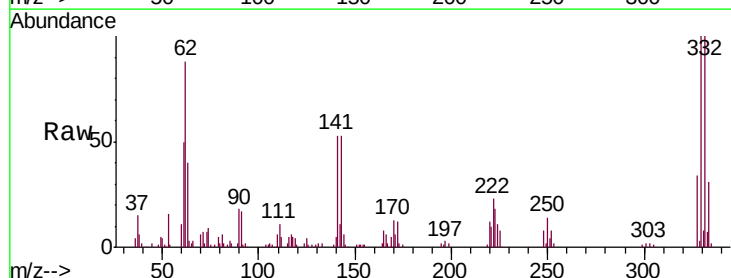
Instrument :
BNA_F
ClientSampleId :
PB123339BL

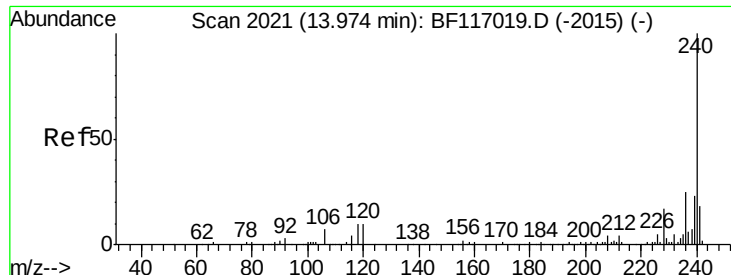
Tgt Ion:188 Resp: 186272
Ion Ratio Lower Upper
188 100
94 9.0 8.2 12.2
80 9.4 9.0 13.6



#67
4-Bromophenyl-phenylether
Concen: 3.753 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.25 min
Lab File: BF117321.D
Acq: 3 Oct 2019 17:33

Tgt Ion:248 Resp: 7140
Ion Ratio Lower Upper
248 100
250 176.3 76.2 114.4#
141 640.1 75.0 112.4#

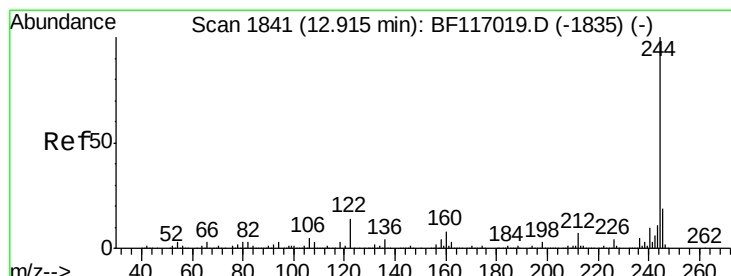
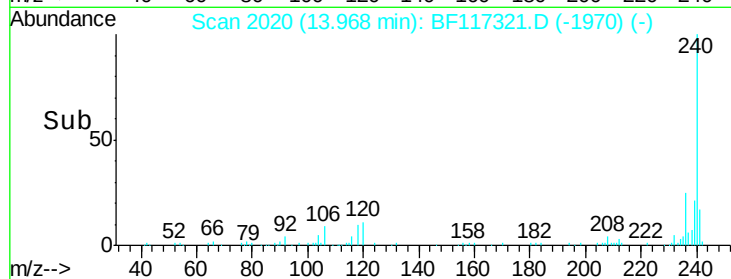
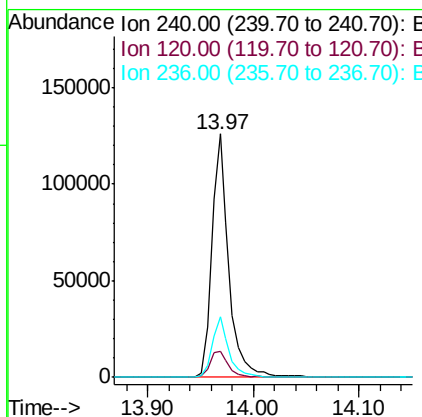
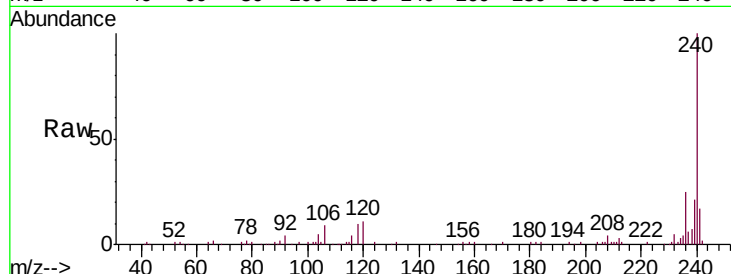




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF117321.D
 Acq: 3 Oct 2019 17:33

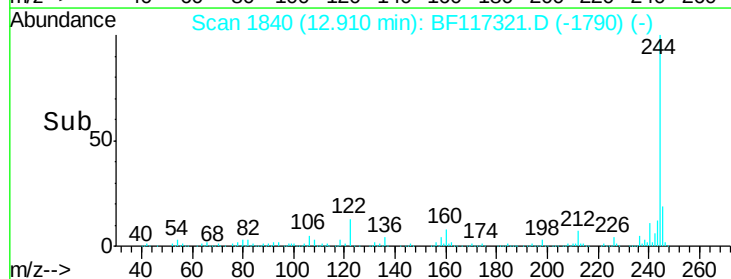
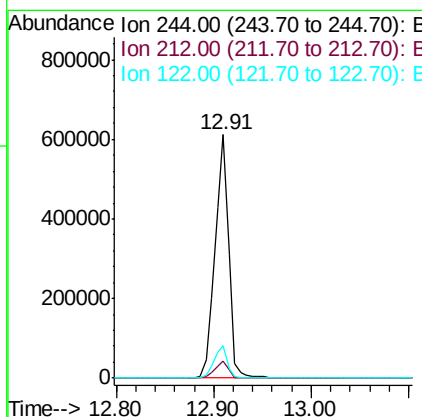
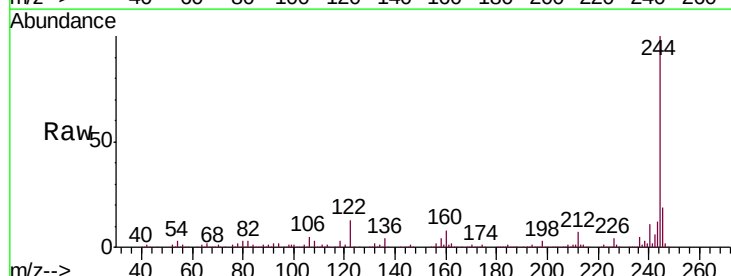
Instrument :
 BNA_F
 ClientSampleId :
 PB123339BL

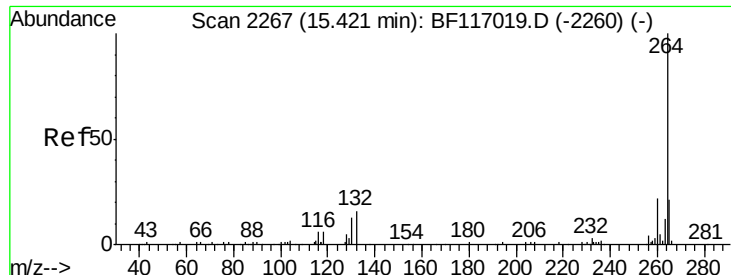
Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.3	12.5
236	25.0	20.3	30.5



#79
 Terphenyl-d14
 Concen: 78.399 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF117321.D
 Acq: 3 Oct 2019 17:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	13.4	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: BF117321.D
Acq: 3 Oct 2019 17:33

Instrument :
BNA_F
ClientSampleId :
PB123339BL

Tgt Ion:	264	Resp:	123530
Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.6	26.4
265	22.0	16.6	24.8

