

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100319\
 Data File : BF117318.D
 Acq On : 3 Oct 2019 16:07
 Operator : JU
 Sample : K5168-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Oct 04 03:18:11 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

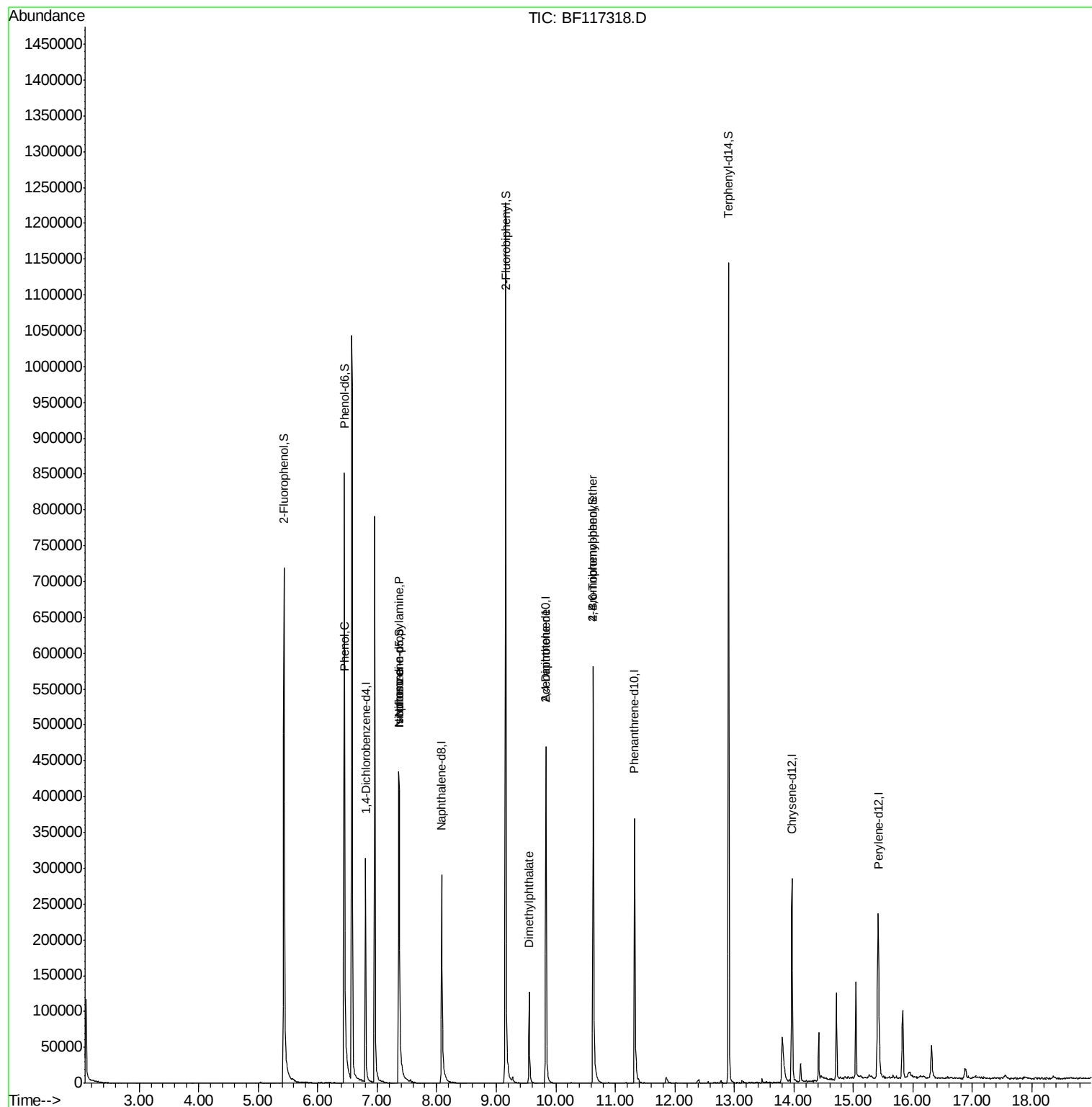
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	51409	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	219644	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	113089	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	187184	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	115384	20.00	ng	0.00
87) Perylene-d12	15.42	264	97047	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	253559	77.00	ng	0.00
7) Phenol-d6	6.45	99	383362	90.09	ng	-0.01
23) Nitrobenzene-d5	7.36	82	240439	57.52	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	79794	84.42	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	430242	59.49	ng	-0.02
79) Terphenyl-d14	12.90	244	391509	63.42	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.45	77	291	Below Cal	Qvalue	# 1
10) Phenol	6.46	94	14385	3.066 ng	#	85
19) n-Nitroso-di-n-propylamine	7.36	70	31825	12.282 ng	#	82
25) Isophorone	7.36	82	240438	32.485 ng	#	66
50) Dimethylphthalate	9.55	163	64845	8.098 ng	#	99
57) 2,4-Dinitrotoluene	9.83	165	14327	6.768 ng	#	18
67) 4-Bromophenyl-phenylether	10.63	248	4660	2.438 ng	#	1

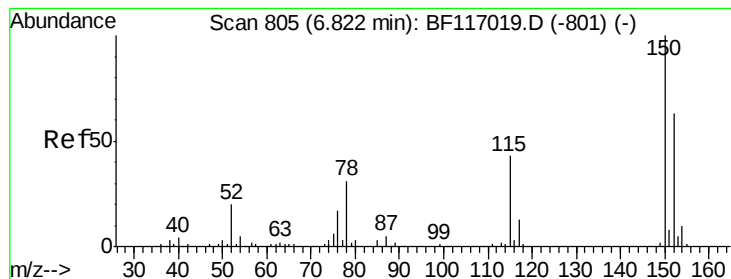
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

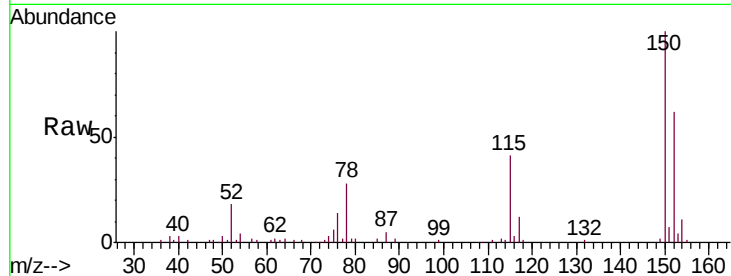




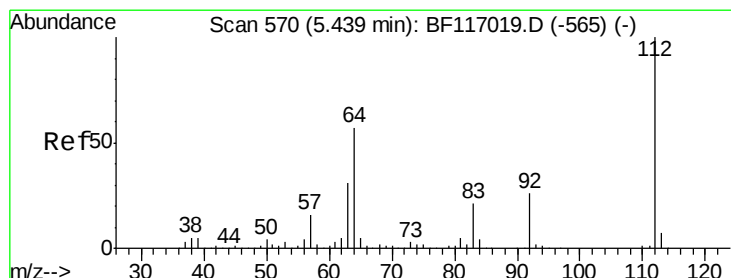
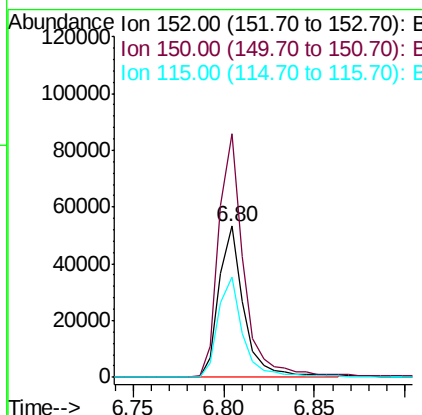
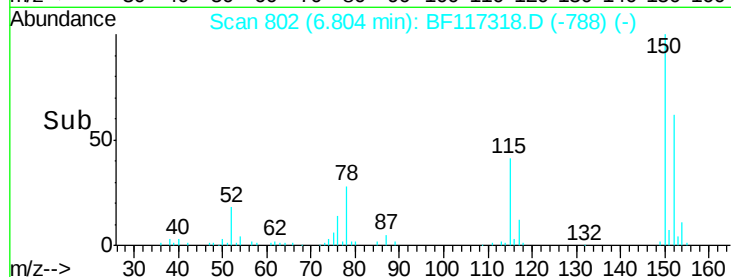
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.02 min
 Lab File: BF117318.D
 Acq: 3 Oct 2019 16:07

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:152 Resp: 51409
 Ion Ratio Lower Upper
 152 100
 150 161.0 127.5 191.3
 115 66.0 55.0 82.4

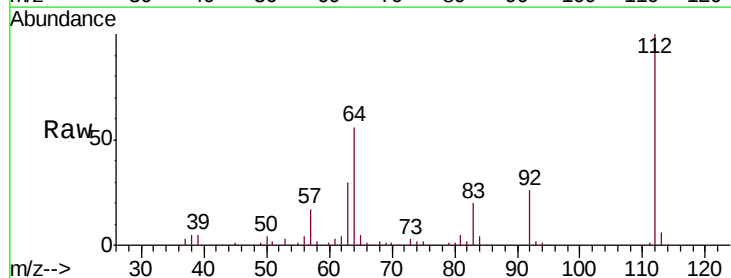


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

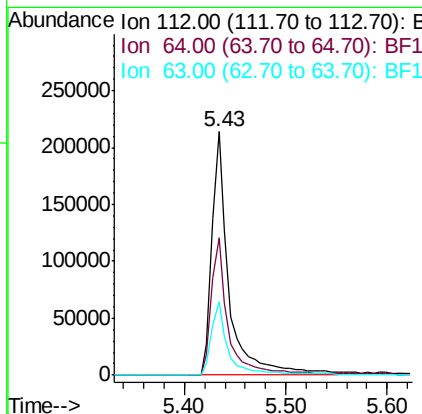
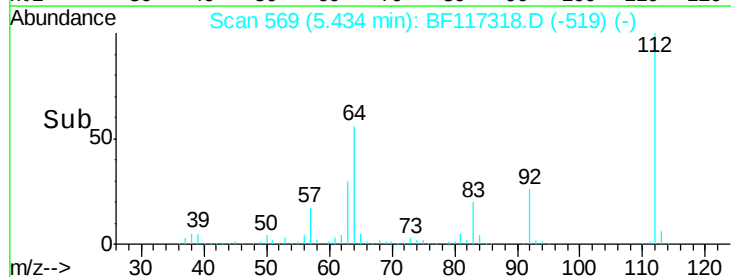


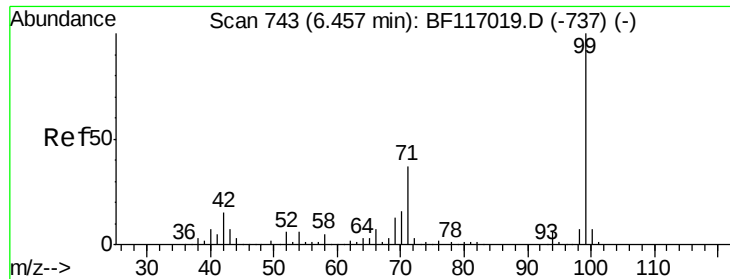
#5
 2-Fluorophenol
 Concen: 77.004 ng
 RT: 5.43 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: BF117318.D
 Acq: 3 Oct 2019 16:07

Tgt Ion:112 Resp: 253559
 Ion Ratio Lower Upper
 112 100
 64 56.4 45.7 68.5
 63 30.2 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: 90.086 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF117318.D

Acq: 3 Oct 2019 16:07

Instrument :

BNA_F

ClientSampleId :

DFTPP

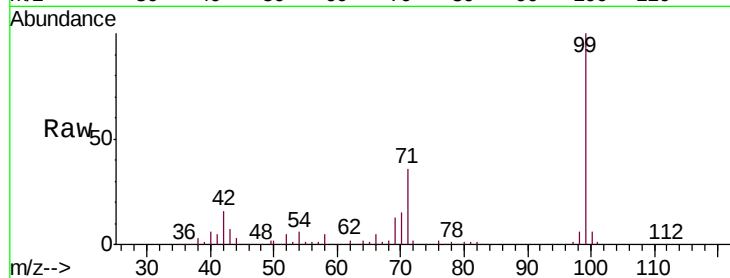
Tgt Ion: 99 Resp: 383362

Ion Ratio Lower Upper

99 100

42 15.6 12.2 18.2

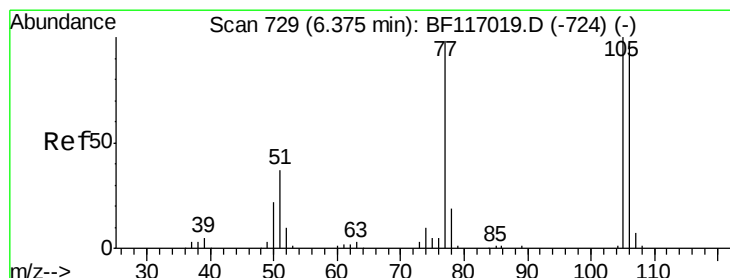
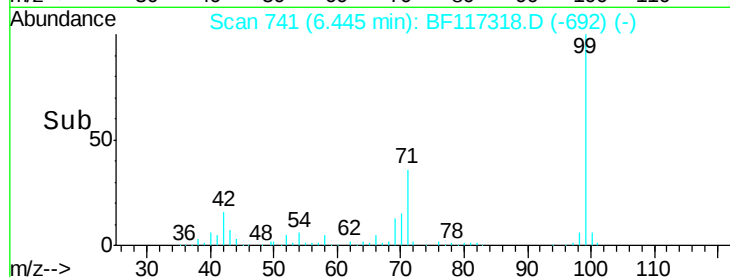
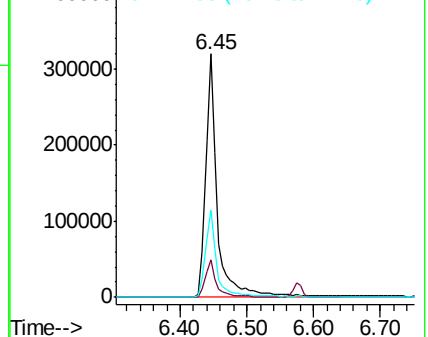
71 36.0 29.8 44.8



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# 741

Delta R.T. 0.07 min

Lab File: BF117318.D

Acq: 3 Oct 2019 16:07

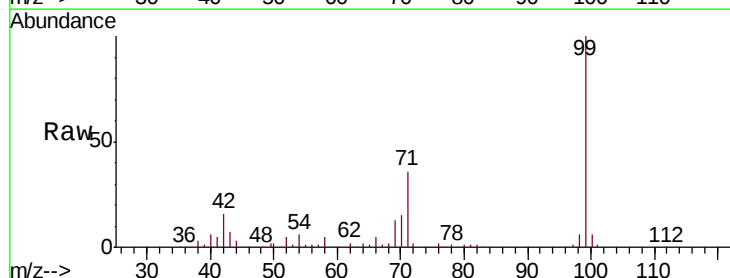
Tgt Ion: 77 Resp: 291

Ion Ratio Lower Upper

77 100

105 0.0 81.8 121.8#

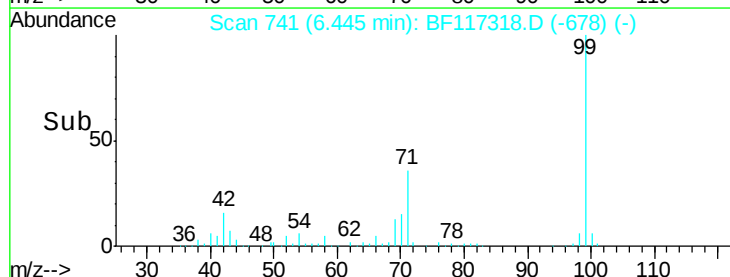
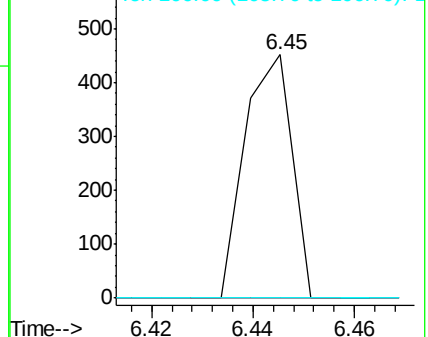
106 0.0 77.3 117.3#

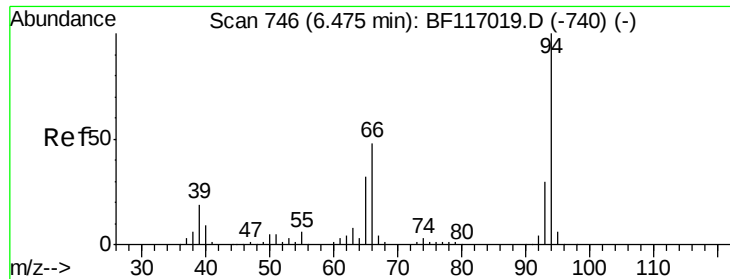


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

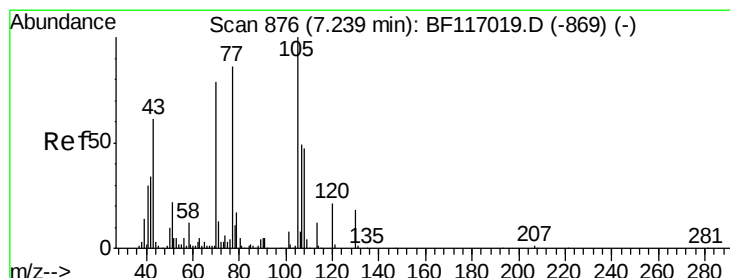
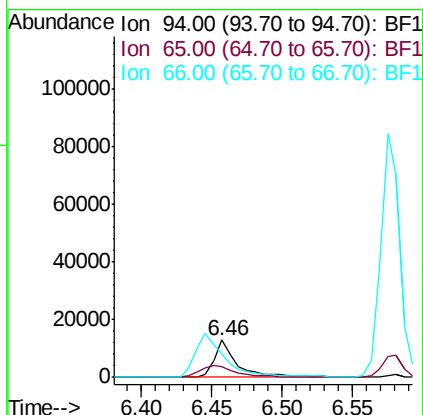
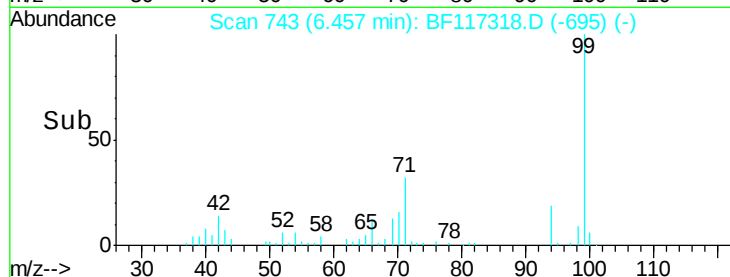
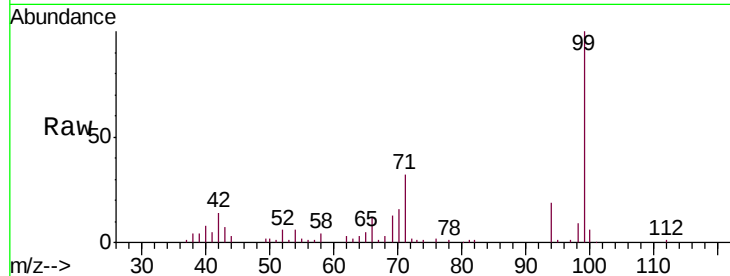




#10
Phenol
Concen: 3.066 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.02 min
Lab File: BF117318.D
Acq: 3 Oct 2019 16:07

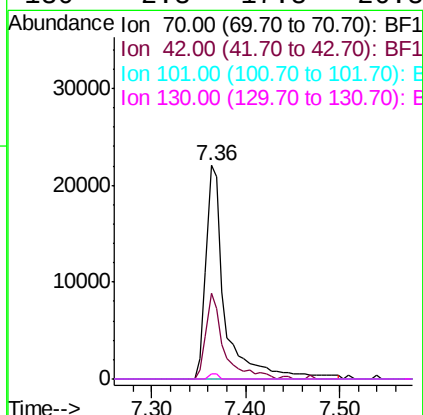
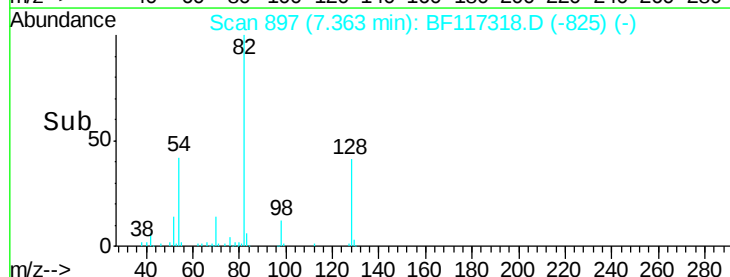
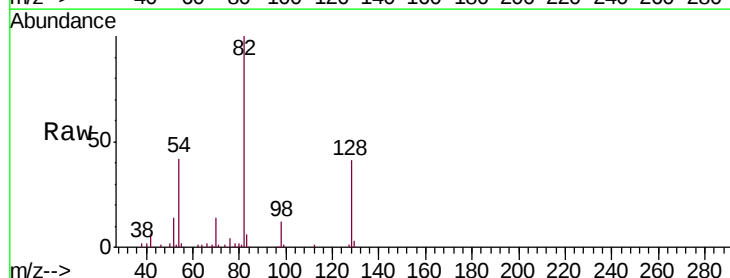
Instrument :
BNA_F
ClientSampleId :
DFTPP

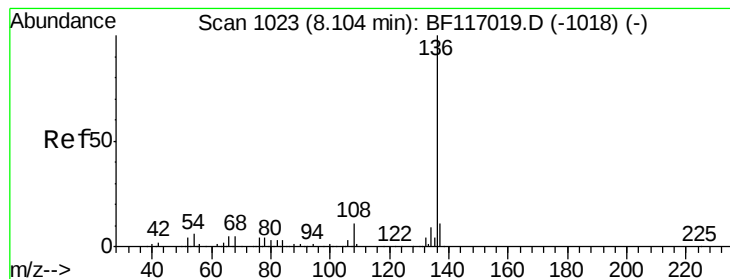
Tgt Ion: 94 Resp: 14385
Ion Ratio Lower Upper
94 100
65 27.2 12.5 52.5
66 62.2 28.9 68.9



#19
n-Nitroso-di-n-propylamine
Concen: 12.282 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.12 min
Lab File: BF117318.D
Acq: 3 Oct 2019 16:07

Tgt Ion: 70 Resp: 31825
Ion Ratio Lower Upper
70 100
42 40.3 34.0 51.0
101 0.0 7.8 11.6#
130 2.3 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: BF117318.D

Acq: 3 Oct 2019 16:07

Instrument :

BNA_F

ClientSampleId :

DFTPP

Tgt Ion: 136 Resp: 219644

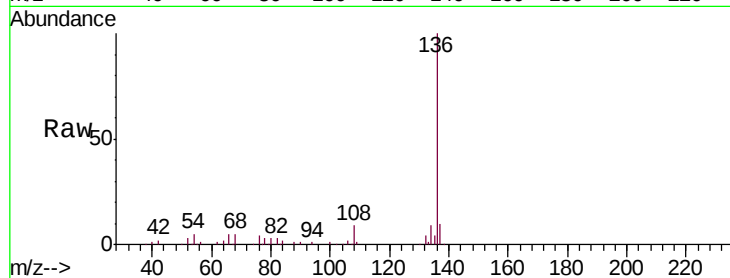
Ion Ratio Lower Upper

136 100

137 10.1 9.0 13.4

54 5.5 4.5 6.7

68 4.8 4.0 6.0

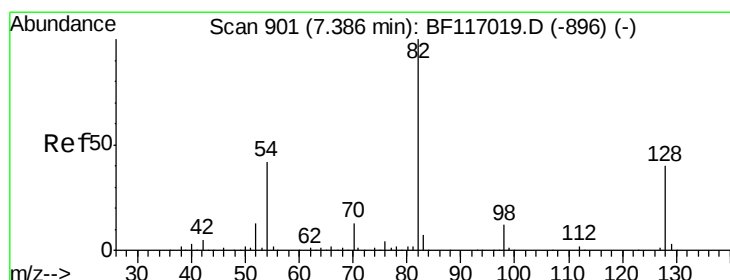
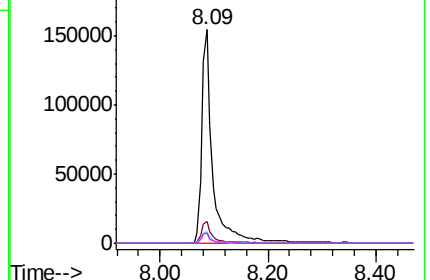
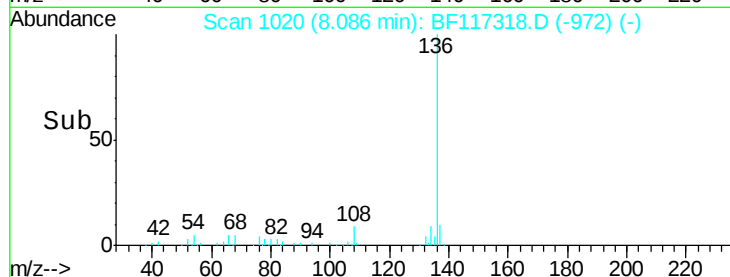


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 57.517 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF117318.D

Acq: 3 Oct 2019 16:07

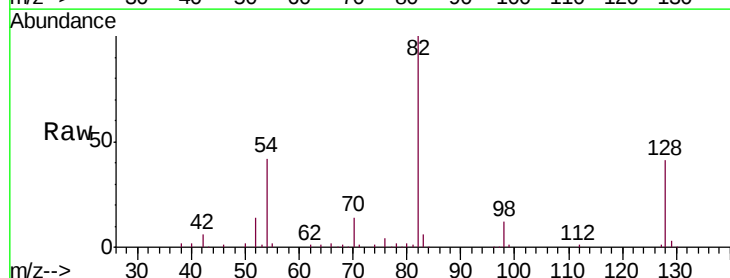
Tgt Ion: 82 Resp: 240439

Ion Ratio Lower Upper

82 100

128 41.0 32.3 48.5

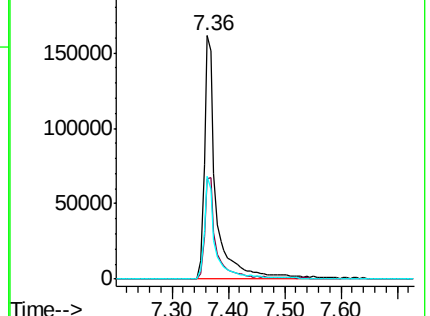
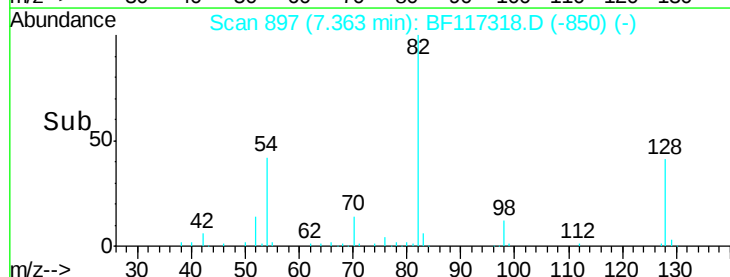
54 42.5 33.3 49.9

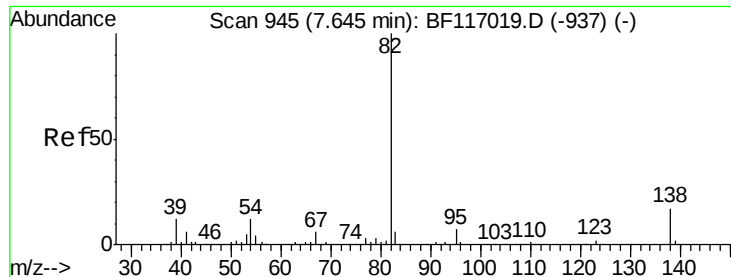


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 32.485 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.28 min

Lab File: BF117318.D

Acq: 3 Oct 2019 16:07

Instrument :

BNA_F

ClientSampleId :

DFTPP

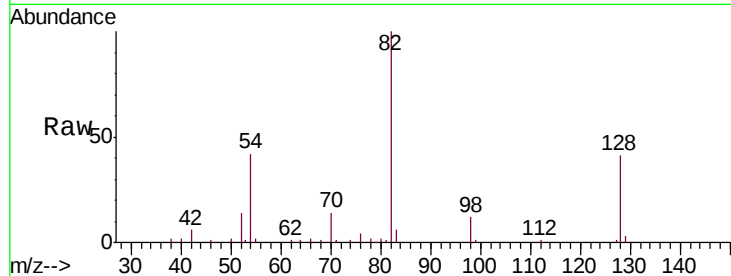
Tgt Ion: 82 Resp: 240438

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

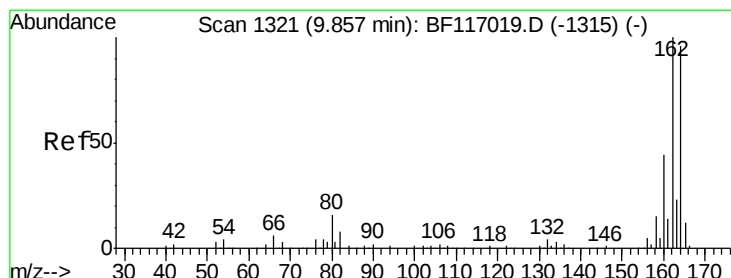
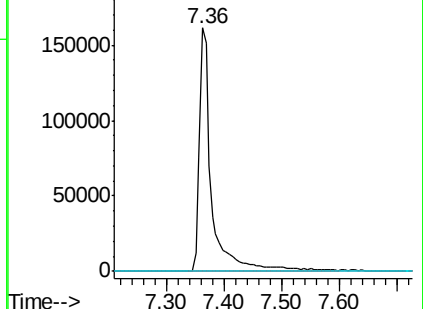
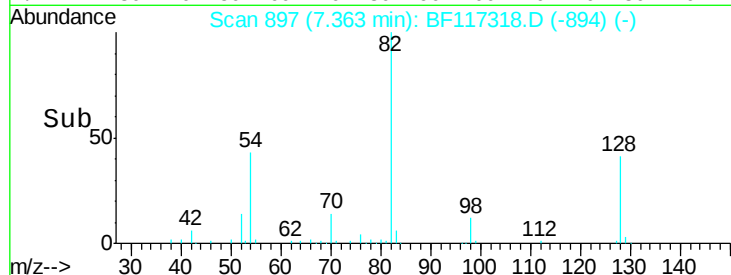
138 0.0 13.5 20.3#



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: 9.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BF117318.D

Acq: 3 Oct 2019 16:07

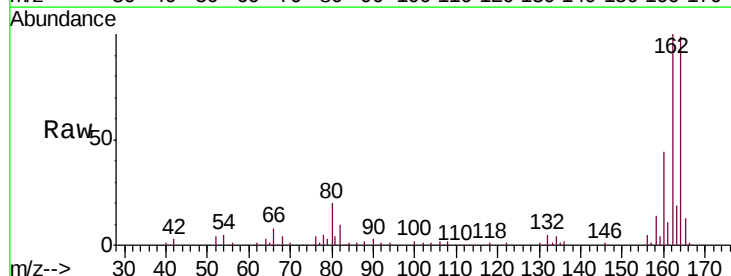
Tgt Ion: 164 Resp: 113089

Ion Ratio Lower Upper

164 100

162 100.9 83.4 125.2

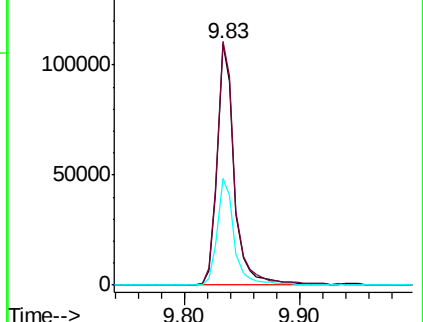
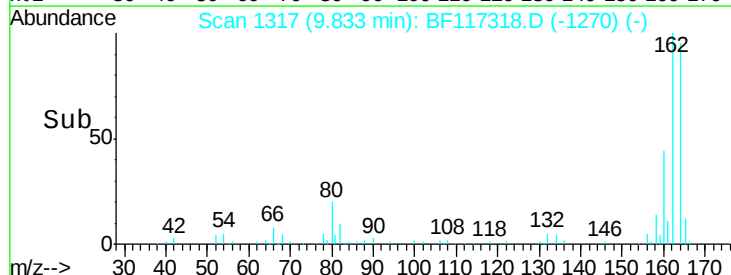
160 44.1 36.4 54.6



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

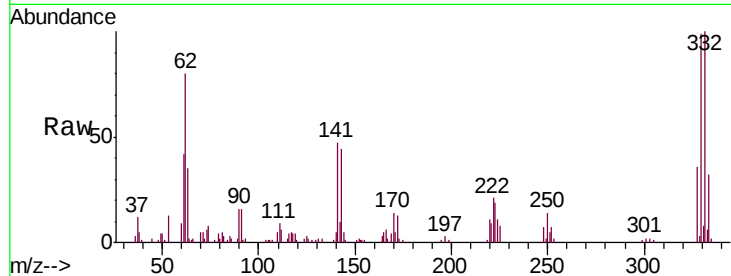




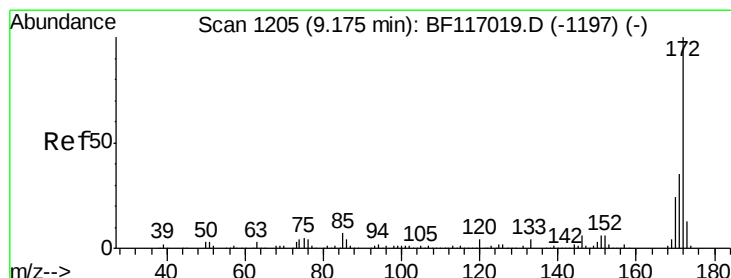
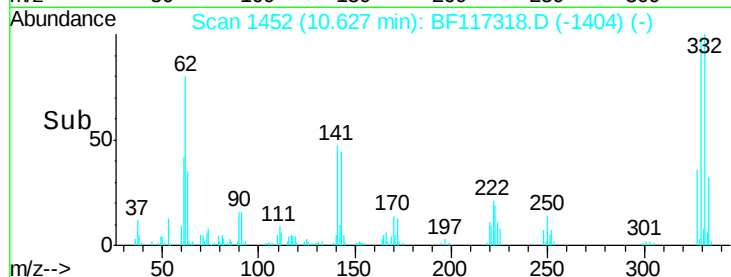
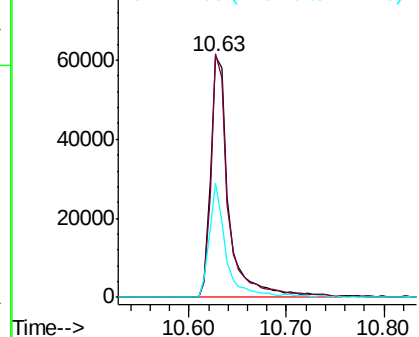
#42
 2,4,6-Tribromophenol
 Concen: 84.423 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BF117318.D
 Acq: 3 Oct 2019 16:07

Instrument :
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 DFTPP

Tgt Ion:330 Resp: 79794
 Ion Ratio Lower Upper
 330 100
 332 96.5 78.0 117.0
 141 42.1 35.8 53.6

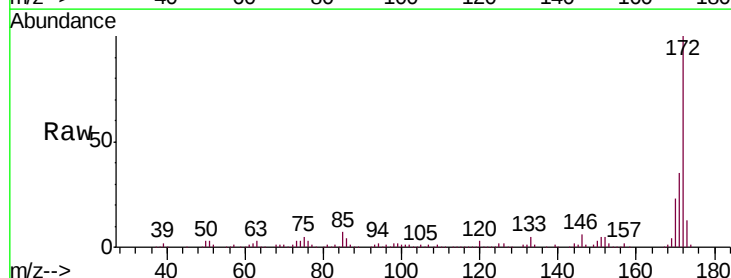


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

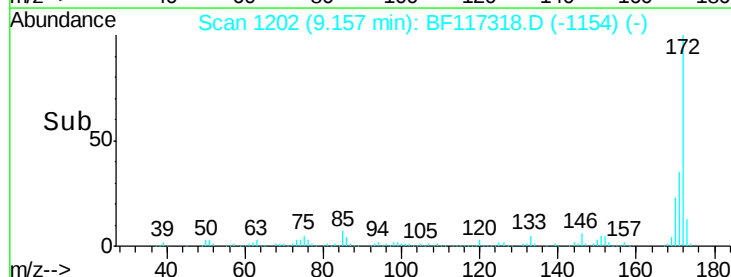
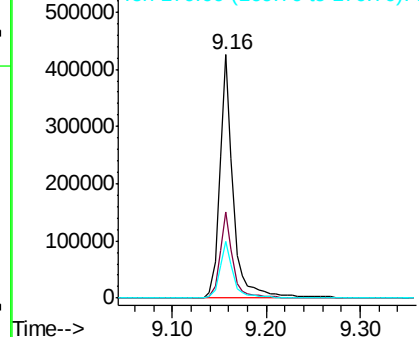


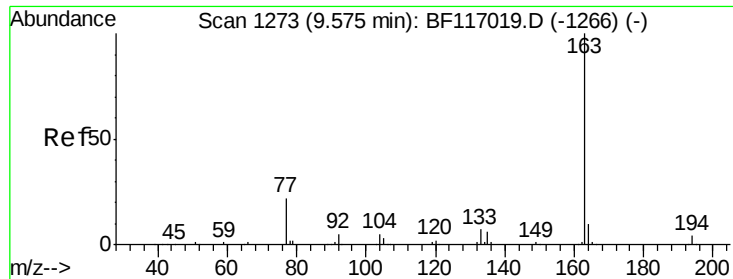
#45
 2-Fluorobiphenyl
 Concen: 59.486 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF117318.D
 Acq: 3 Oct 2019 16:07

Tgt Ion:172 Resp: 430242
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.2 42.2
 170 23.3 18.9 28.3



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

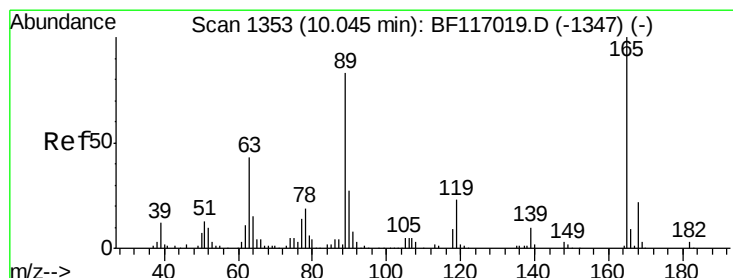
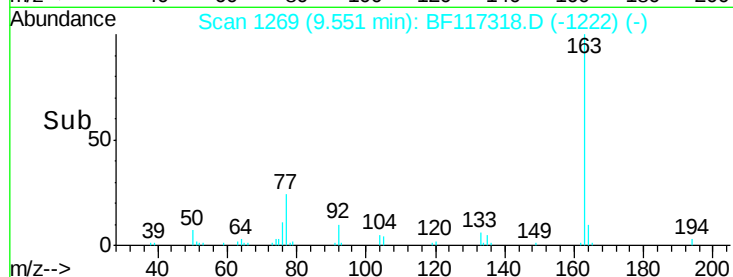
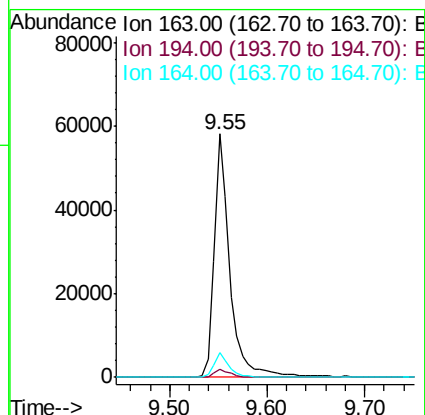
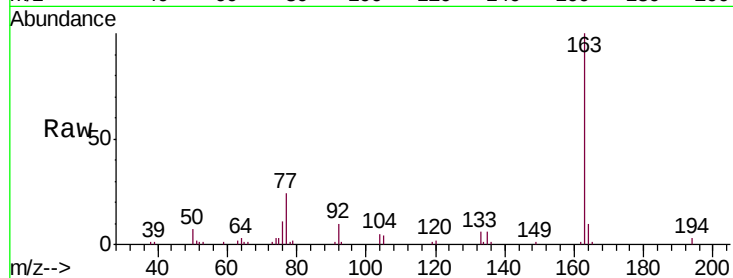




#50
Dimethylphthalate
Concen: 8.098 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF117318.D
Acq: 3 Oct 2019 16:07

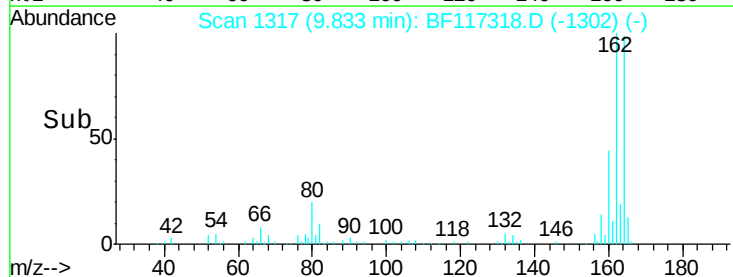
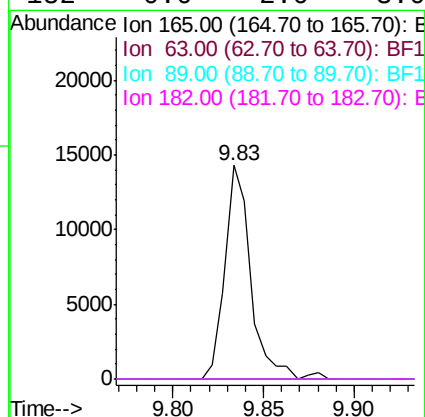
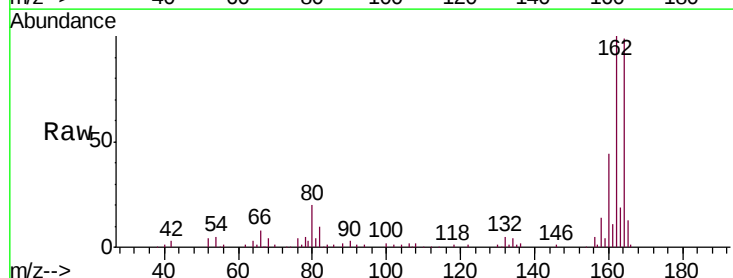
Instrument :
BNA_F
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DFTPP

Tgt Ion:163 Resp: 64845
Ion Ratio Lower Upper
163 100
194 3.2 2.9 4.3
164 10.1 8.2 12.4



#57
2,4-Dinitrotoluene
Concen: 6.768 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.21 min
Lab File: BF117318.D
Acq: 3 Oct 2019 16:07

Tgt Ion:165 Resp: 14327
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#

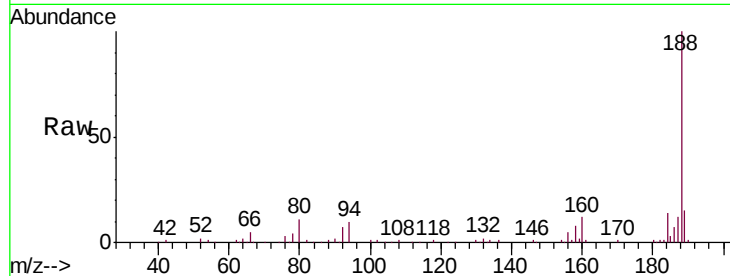




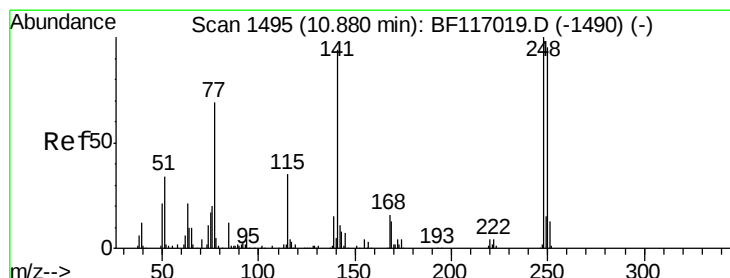
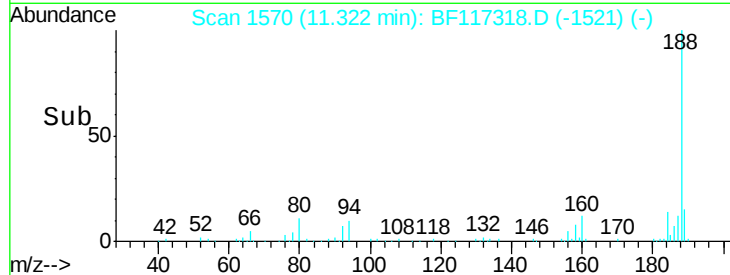
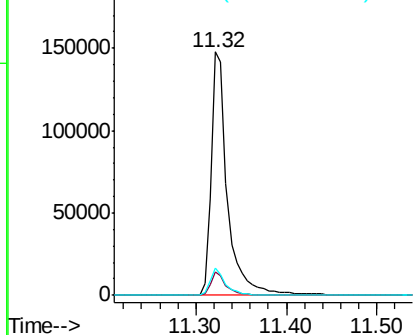
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF117318.D
Acq: 3 Oct 2019 16:07

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:188 Resp: 187184
Ion Ratio Lower Upper
188 100
94 9.7 8.2 12.2
80 11.0 9.0 13.6

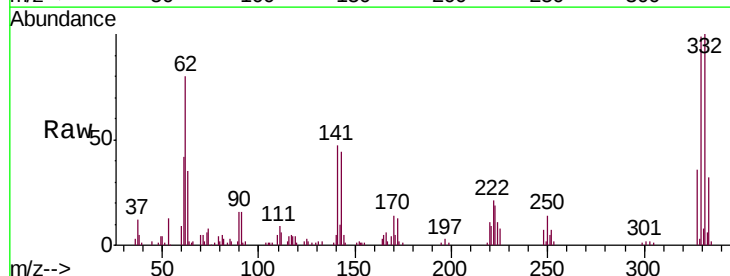


Abundance Ion 188.00 (187.70 to 188.70): E
200000
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

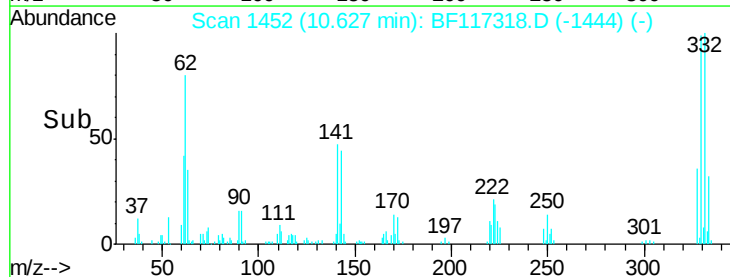
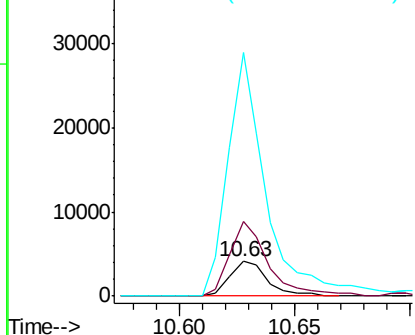


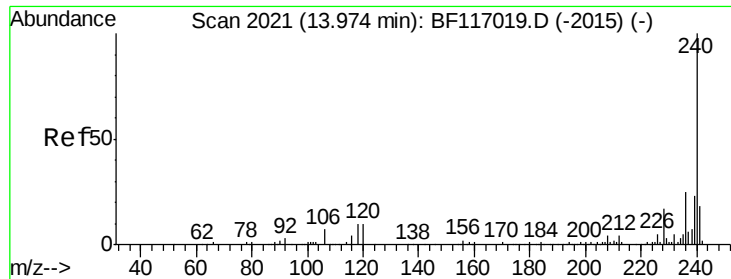
#67
4-Bromophenyl-phenylether
Concen: 2.438 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.25 min
Lab File: BF117318.D
Acq: 3 Oct 2019 16:07

Tgt Ion:248 Resp: 4660
Ion Ratio Lower Upper
248 100
250 216.0 76.2 114.4#
141 707.4 75.0 112.4#



Abundance Ion 248.00 (247.70 to 248.70): E
40000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

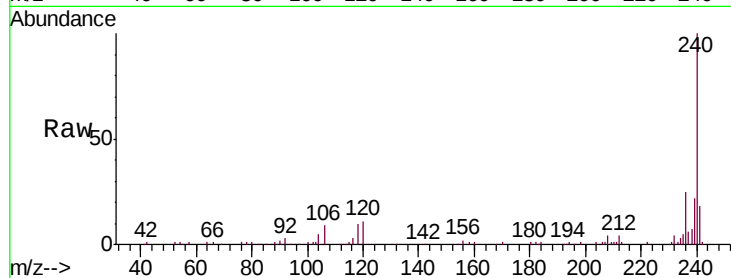




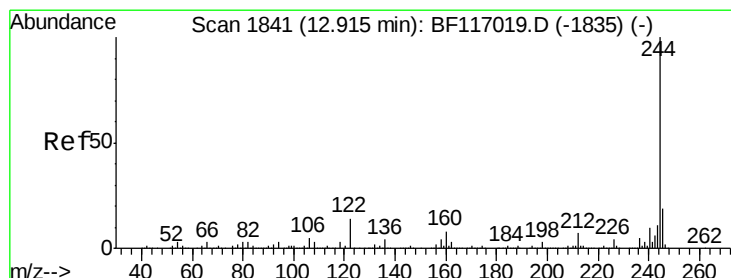
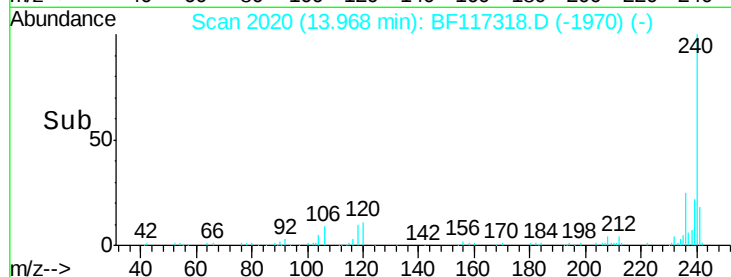
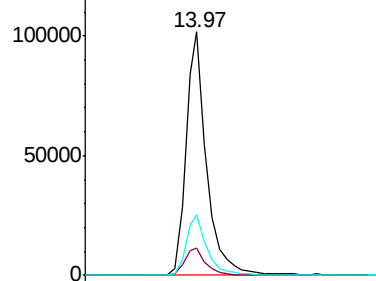
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117318.D
Acq: 3 Oct 2019 16:07

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:240 Resp: 115384
Ion Ratio Lower Upper
240 100
120 11.0 8.3 12.5
236 25.0 20.3 30.5

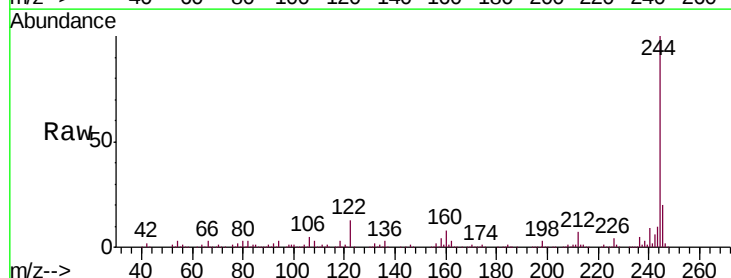


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

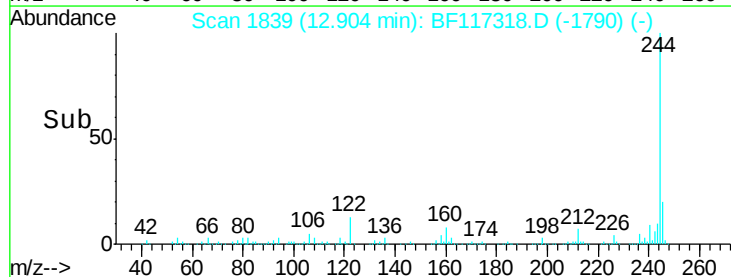
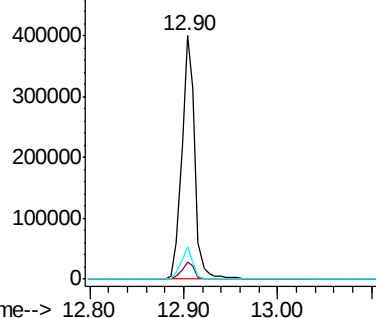


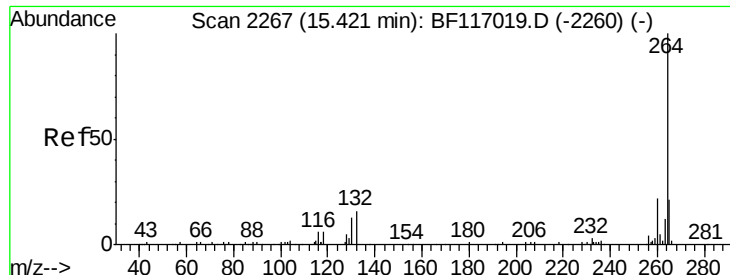
#79
Terphenyl-d14
Concen: 63.425 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF117318.D
Acq: 3 Oct 2019 16:07

Tgt Ion:244 Resp: 391509
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 13.4 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# 2267
Delta R.T. 0.00 min
Lab File: BF117318.D
Acq: 3 Oct 2019 16:07

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion: 264 Resp: 97047

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.6	26.4
265	20.9	16.6	24.8

