

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100119\
 Data File : BF117280.D
 Acq On : 1 Oct 2019 16:46
 Operator : JU
 Sample : K5083-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20190701-RR-COMPOSITE-1

Quant Time: Oct 01 17:15:58 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

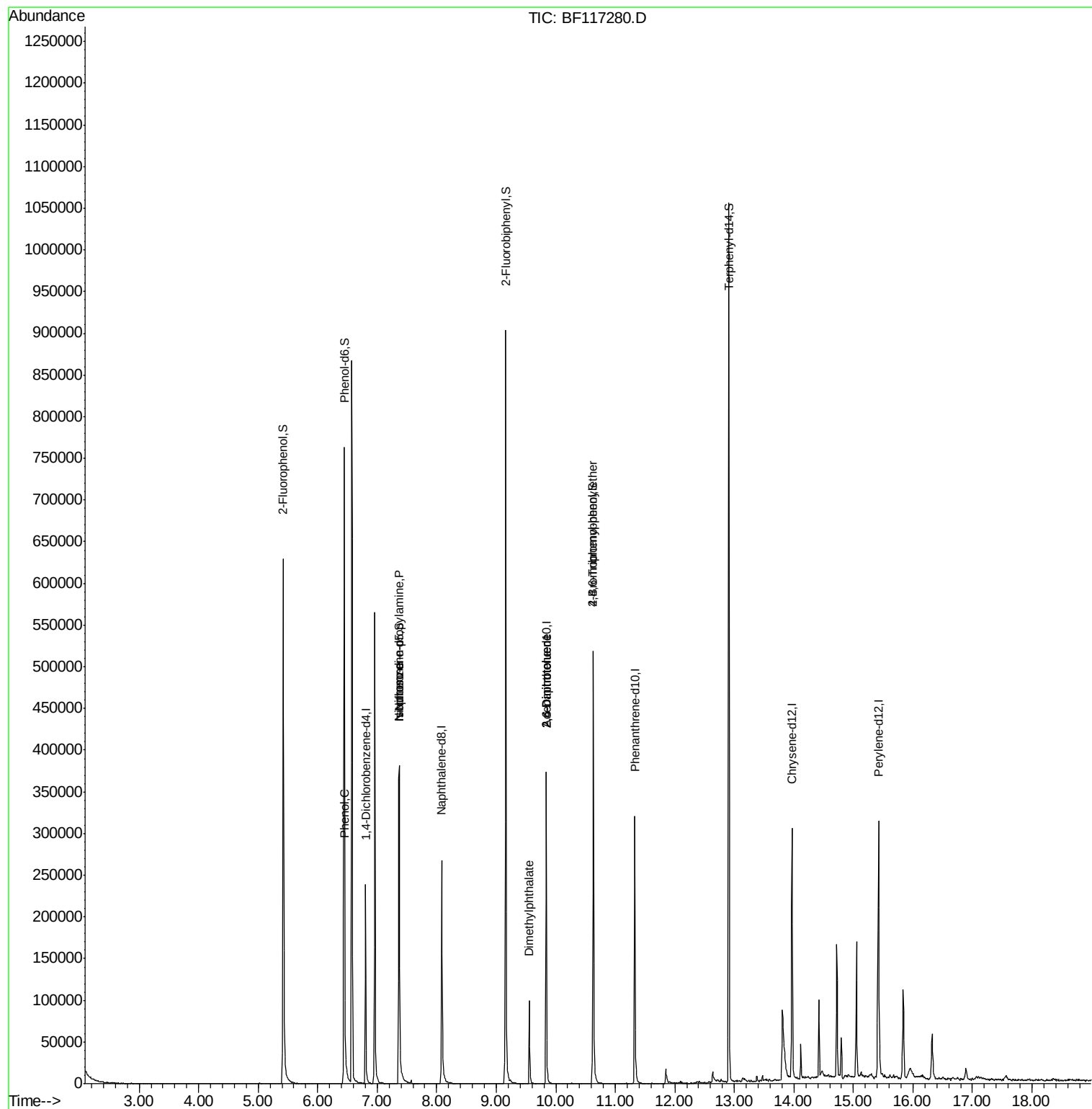
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	35423	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	148868	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	77911	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	135063	20.00	ng	0.00
76) Chrysene-d12	13.97	240	108585	20.00	ng	0.00
87) Perylene-d12	15.42	264	98743	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	202332	89.18	ng	-0.02
7) Phenol-d6	6.45	99	279509	95.32	ng	-0.01
23) Nitrobenzene-d5	7.37	82	168194	59.36	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	63283	97.19	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	311191	62.45	ng	-0.02
79) Terphenyl-d14	12.91	244	345835	59.53	ng	0.00
Target Compounds						
9) Benzaldehyde	6.44	77	334	Below Cal		Qvalue
10) Phenol	6.46	94	8152	2.522 ng	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	22293	12.486 ng	#	89
25) Isophorone	7.37	82	168193	33.527 ng	#	79
50) Dimethylphthalate	9.56	163	47882	8.680 ng	#	66
51) 2,6-Dinitrotoluene	9.84	165	9945	8.852 ng	#	97
57) 2,4-Dinitrotoluene	9.84	165	9945	6.819 ng	#	24
67) 4-Bromophenyl-phenylether	10.63	248	3835	2.780 ng	#	18
					#	1

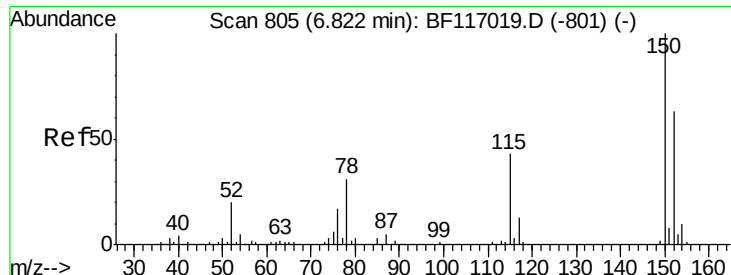
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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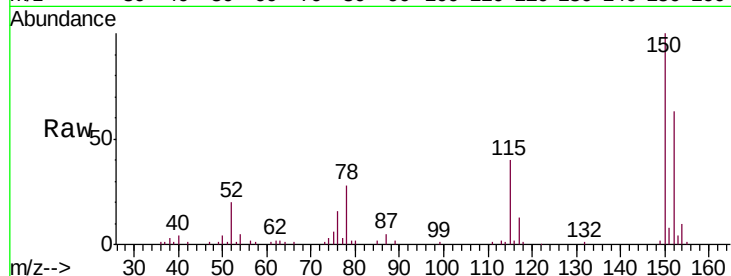




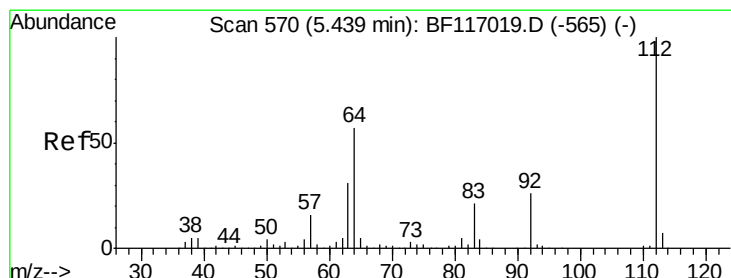
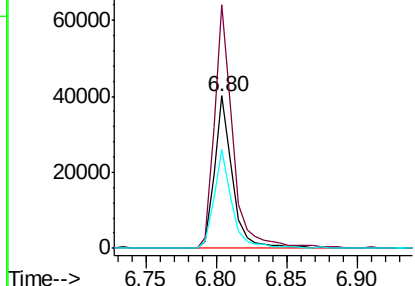
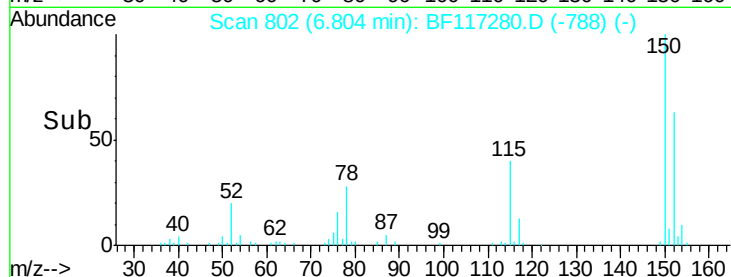
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.02 min
 Lab File: BF117280.D
 Acq: 1 Oct 2019 16:46

Instrument :
 BNA_F
 ClientSampleId :
 20190701-RR-COMPOSITE-1

Tgt Ion:152 Resp: 35423
 Ion Ratio Lower Upper
 152 100
 150 159.6 127.5 191.3
 115 64.6 55.0 82.4

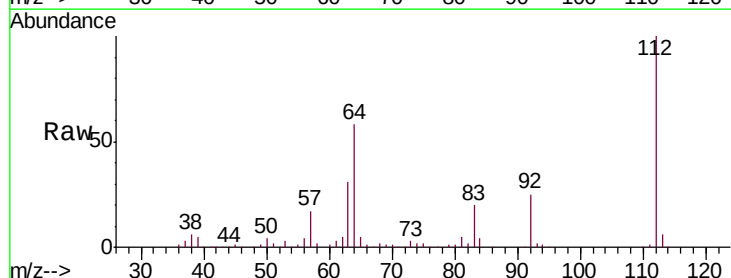


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

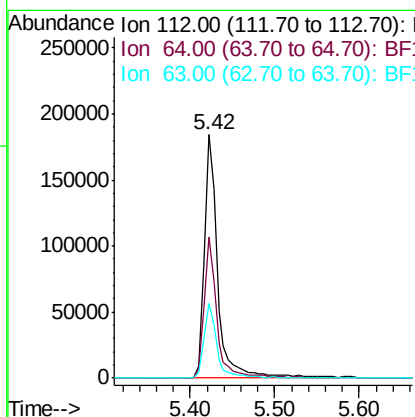
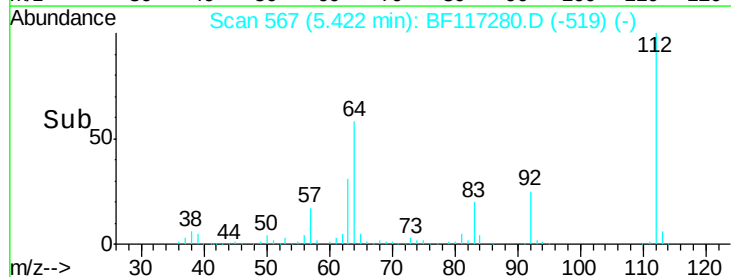


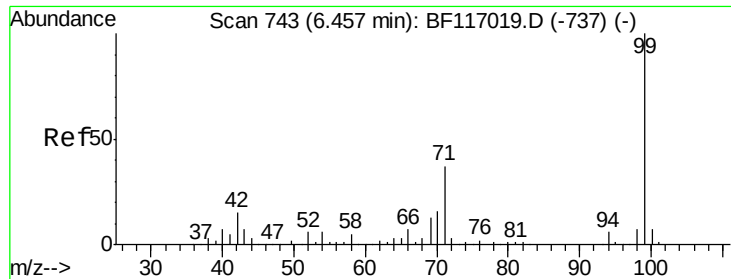
#5
 2-Fluorophenol
 Concen: 89.177 ng
 RT: 5.42 min Scan# 567
 Delta R.T. -0.02 min
 Lab File: BF117280.D
 Acq: 1 Oct 2019 16:46

Tgt Ion:112 Resp: 202332
 Ion Ratio Lower Upper
 112 100
 64 57.8 45.7 68.5
 63 30.9 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: 95.323 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF117280.D

Acq: 1 Oct 2019 16:46

Instrument :

BNA_F

ClientSampleId :

20190701-RR-COMPOSITE-1

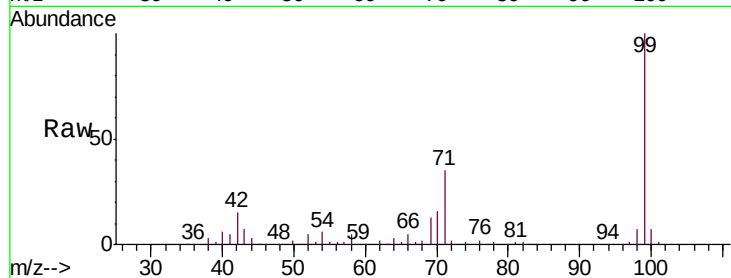
Tgt Ion: 99 Resp: 279509

Ion Ratio Lower Upper

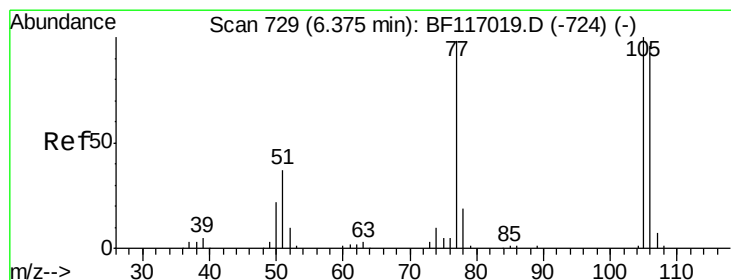
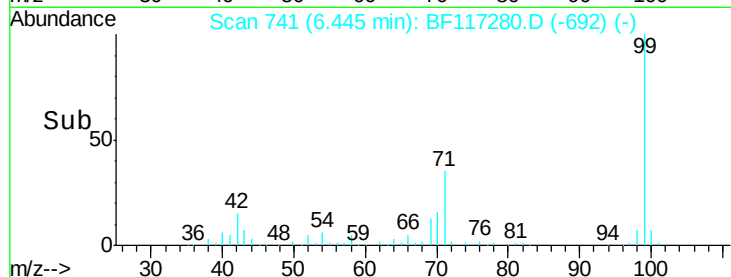
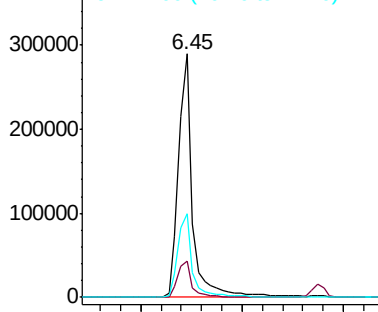
99 100

42 14.8 12.2 18.2

71 34.5 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: 6.44 min Scan# 740

Delta R.T. 0.07 min

Lab File: BF117280.D

Acq: 1 Oct 2019 16:46

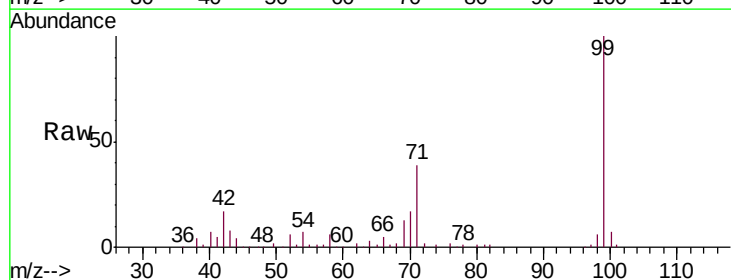
Tgt Ion: 77 Resp: 334

Ion Ratio Lower Upper

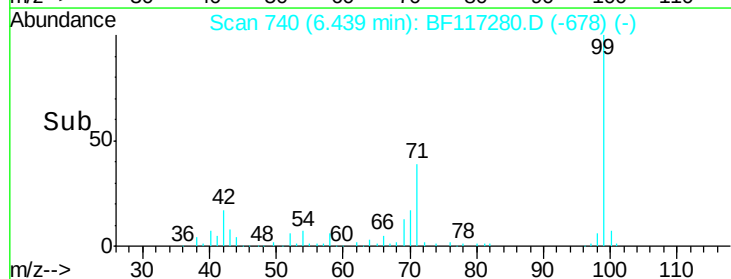
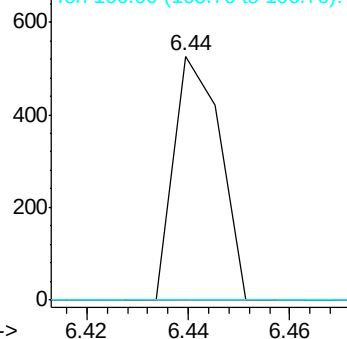
77 100

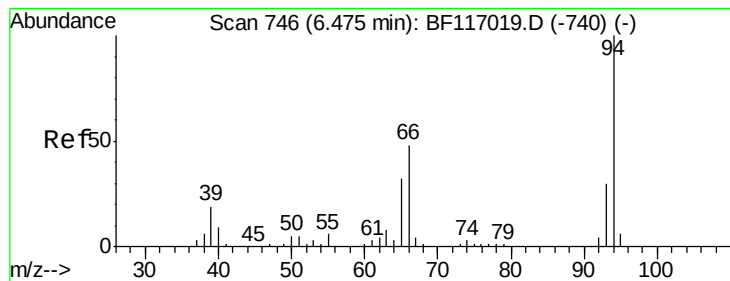
105 0.0 81.8 121.8#

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: 2.522 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF117280.D

Acq: 1 Oct 2019 16:46

Instrument :

BNA_F

ClientSampleId :

20190701-RR-COMPOSITE-1

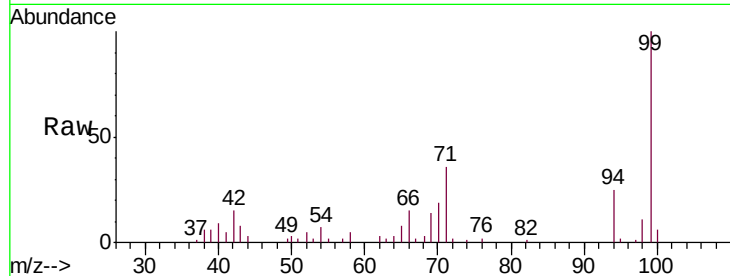
Tgt Ion: 94 Resp: 8152

Ion Ratio Lower Upper

94 100

65 33.7 12.5 52.5

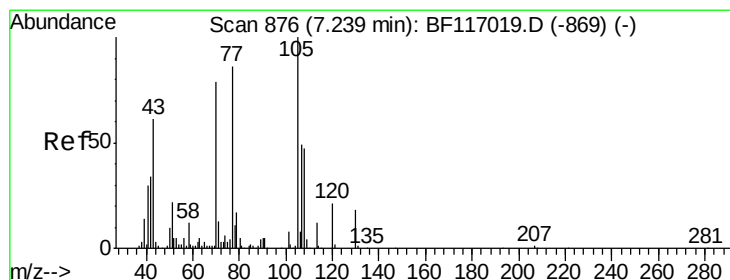
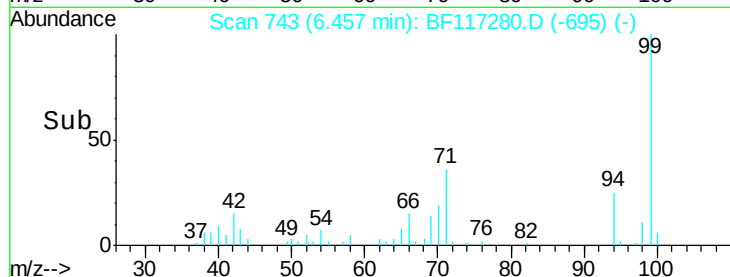
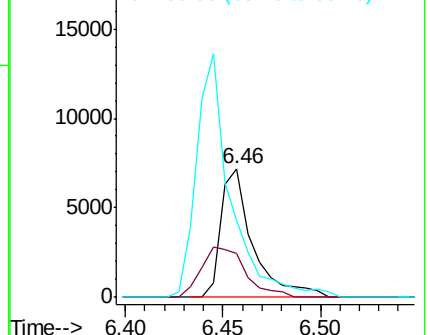
66 60.5 28.9 68.9



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 12.486 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.13 min

Lab File: BF117280.D

Acq: 1 Oct 2019 16:46

Tgt Ion: 70 Resp: 22293

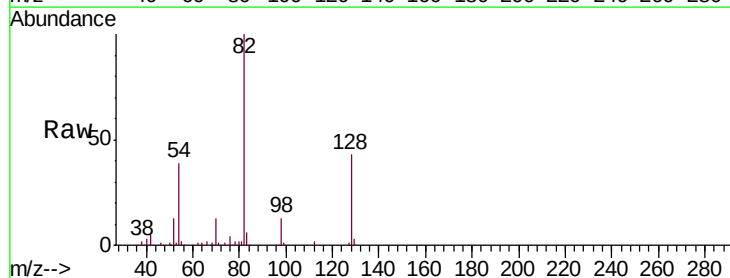
Ion Ratio Lower Upper

70 100

42 37.3 34.0 51.0

101 0.0 7.8 11.6#

130 1.7 17.8 26.8#

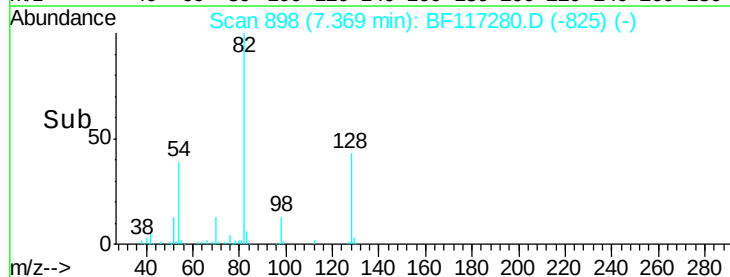
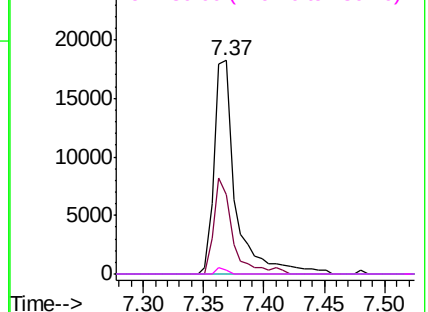


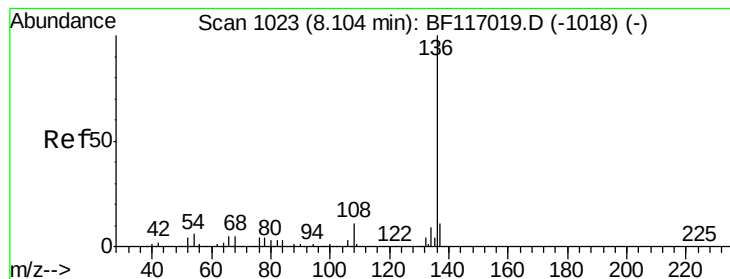
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF117280.D

Acq: 1 Oct 2019 16:46

Instrument :

BNA_F

ClientSampleId :

20190701-RR-COMPOSITE-1

Tgt Ion: 136 Resp: 148868

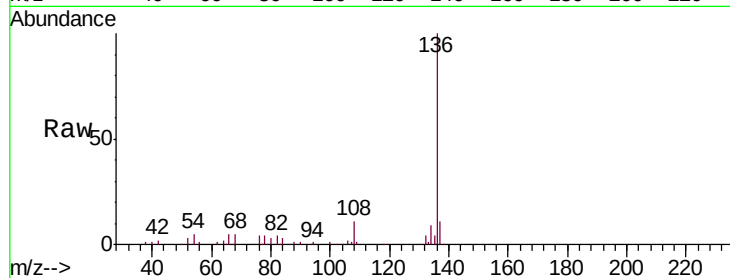
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 5.3 4.5 6.7

68 4.7 4.0 6.0

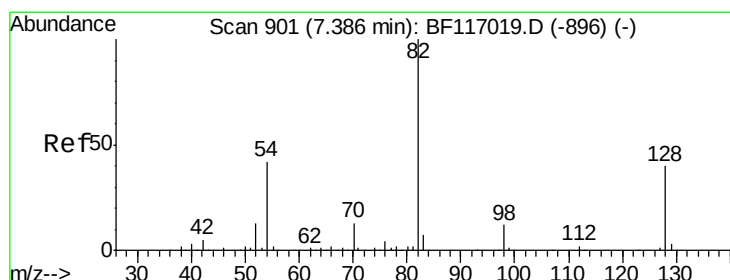
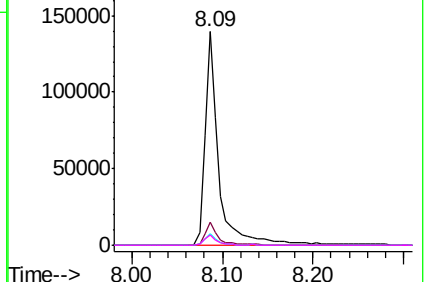
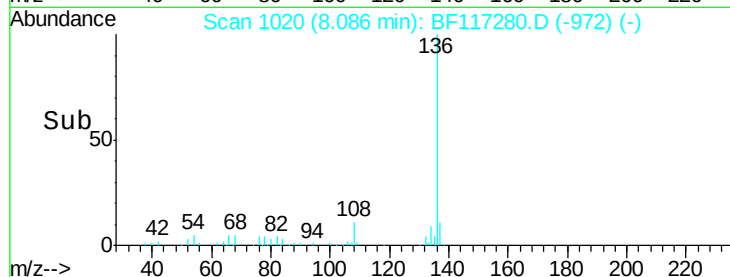


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.363 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.02 min

Lab File: BF117280.D

Acq: 1 Oct 2019 16:46

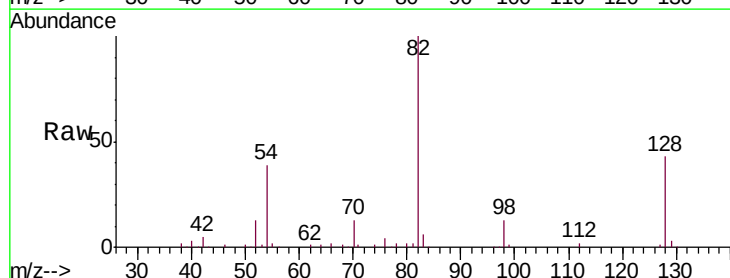
Tgt Ion: 82 Resp: 168194

Ion Ratio Lower Upper

82 100

128 43.3 32.3 48.5

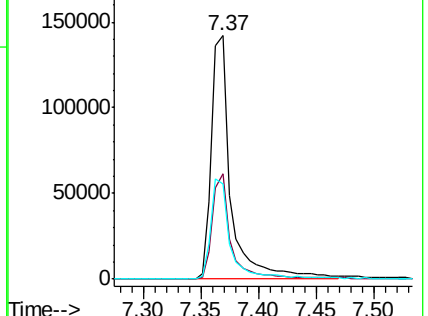
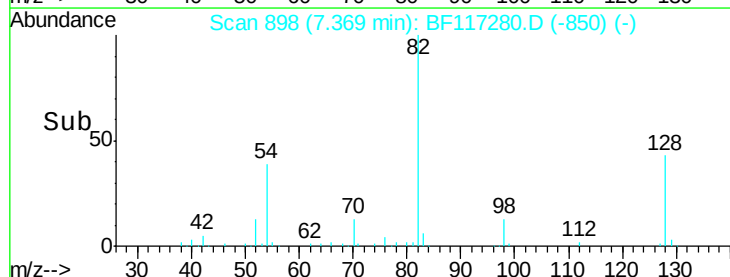
54 39.3 33.3 49.9

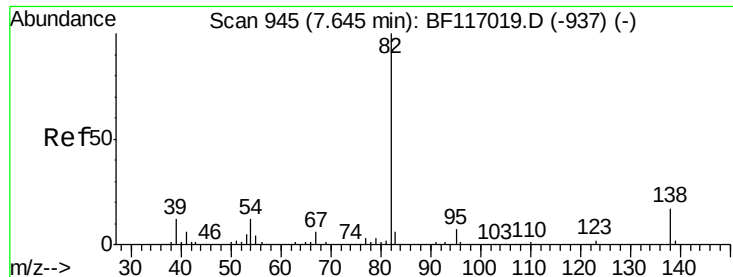


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 33.527 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.28 min

Lab File: BF117280.D

Acq: 1 Oct 2019 16:46

Instrument :

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ClientSampleId :

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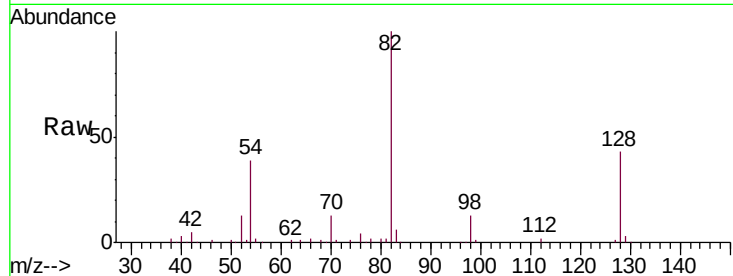
Tgt Ion: 82 Resp: 168193

Ion Ratio Lower Upper

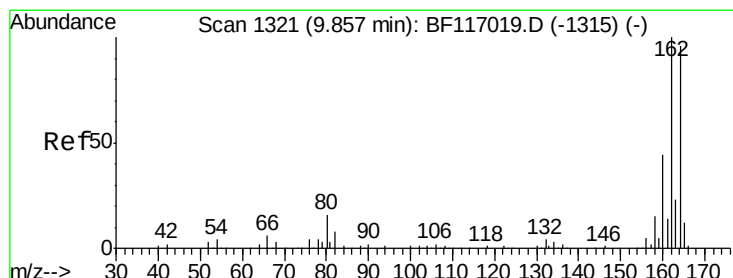
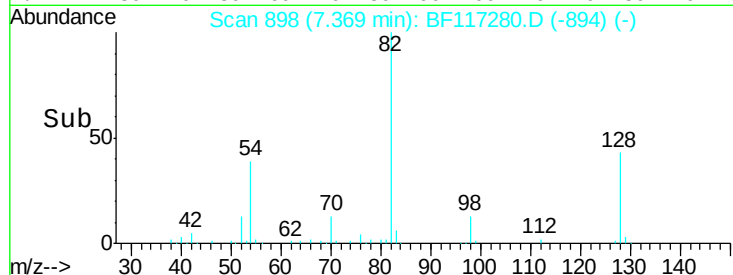
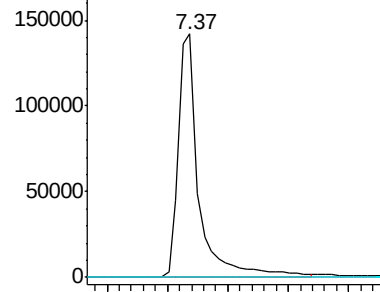
82 100

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: 9.84 min Scan# 1318

Delta R.T. -0.02 min

Lab File: BF117280.D

Acq: 1 Oct 2019 16:46

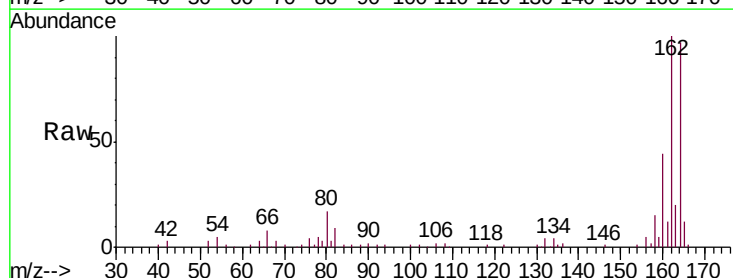
Tgt Ion: 164 Resp: 77911

Ion Ratio Lower Upper

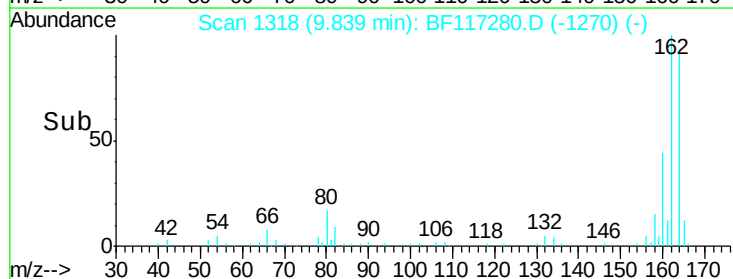
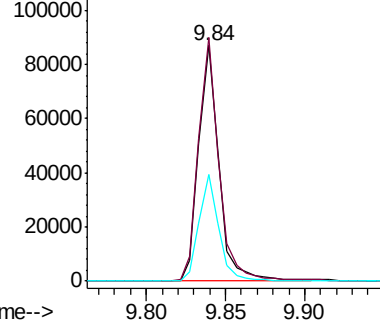
164 100

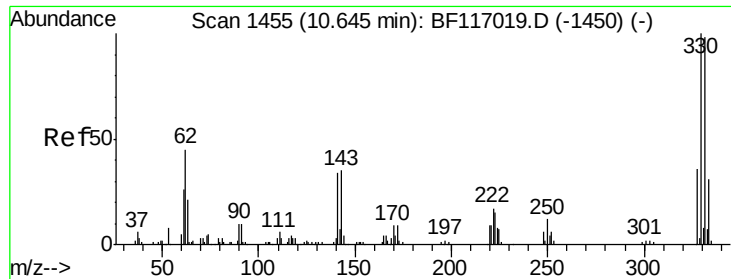
162 103.4 83.4 125.2

160 45.4 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

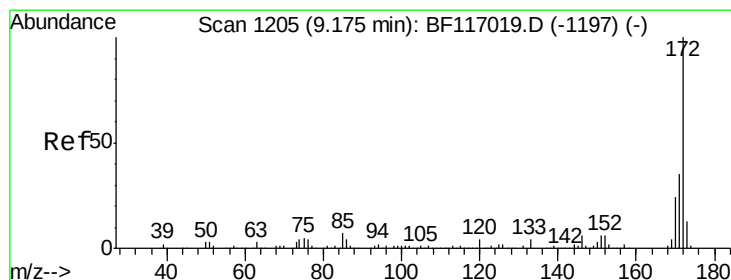
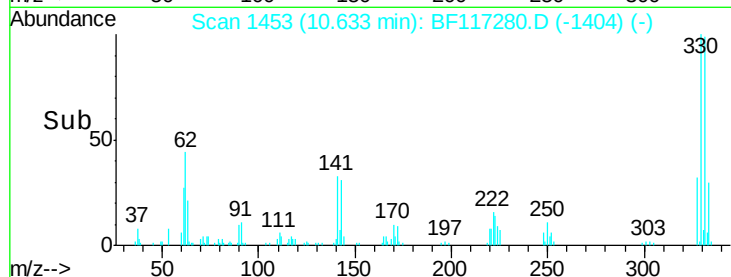
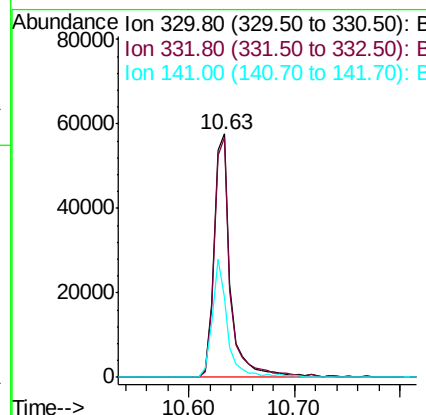
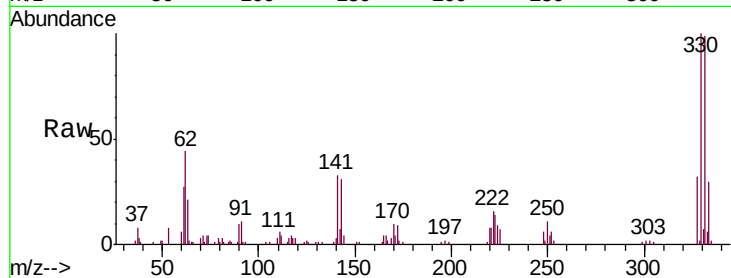




#42
 2,4,6-Tribromophenol
 Concen: 97.185 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF117280.D
 Acq: 1 Oct 2019 16:46

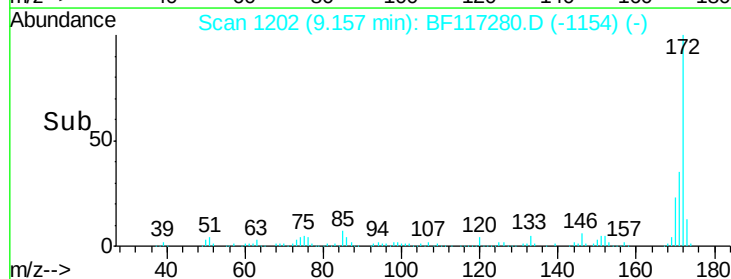
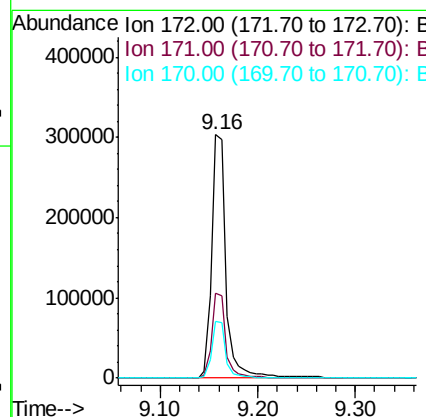
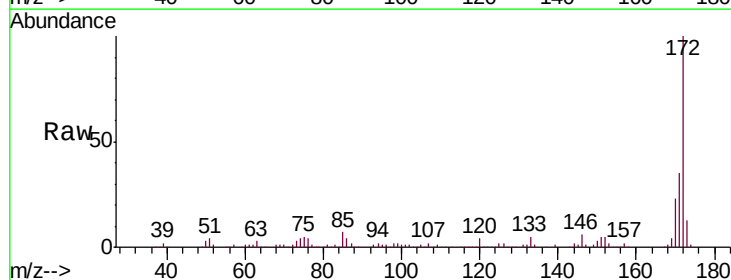
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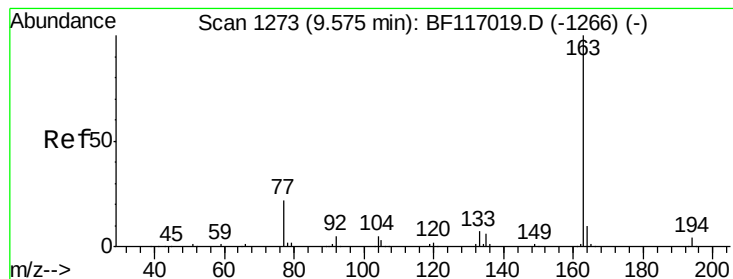
Tgt Ion:330 Resp: 63283
 Ion Ratio Lower Upper
 330 100
 332 97.7 78.0 117.0
 141 44.1 35.8 53.6



#45
 2-Fluorobiphenyl
 Concen: 62.452 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF117280.D
 Acq: 1 Oct 2019 16:46

Tgt Ion:172 Resp: 311191
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.2 42.2
 170 23.3 18.9 28.3





#50

Dimethylphthalate

Concen: 8.680 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF117280.D

Acq: 1 Oct 2019 16:46

Instrument :

BNA_F

ClientSampleId :

20190701-RR-COMPOSITE-1

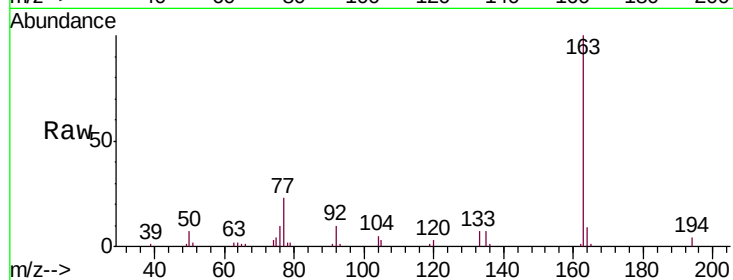
Tgt Ion:163 Resp: 47882

Ion Ratio Lower Upper

163 100

194 3.8 2.9 4.3

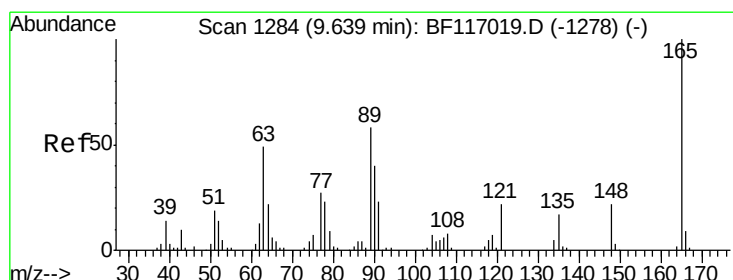
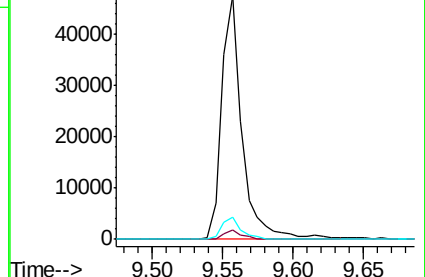
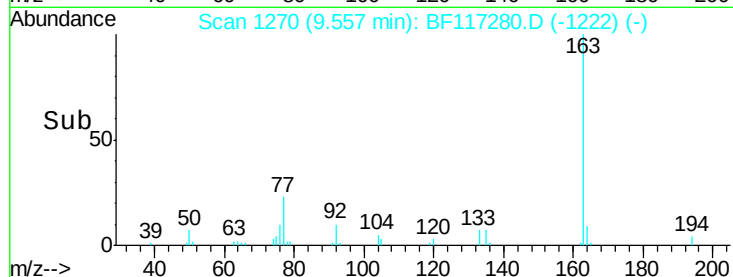
164 9.0 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 8.852 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.20 min

Lab File: BF117280.D

Acq: 1 Oct 2019 16:46

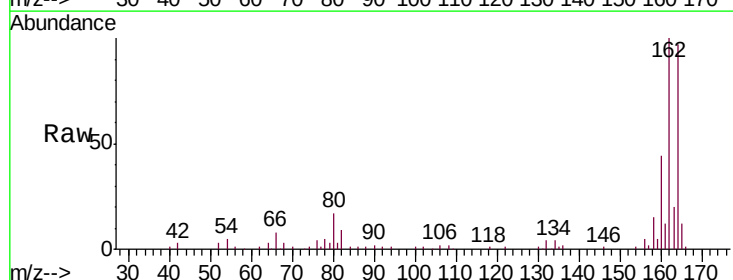
Tgt Ion:165 Resp: 9945

Ion Ratio Lower Upper

165 100

63 0.0 41.8 62.8#

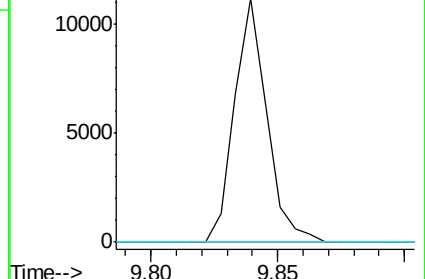
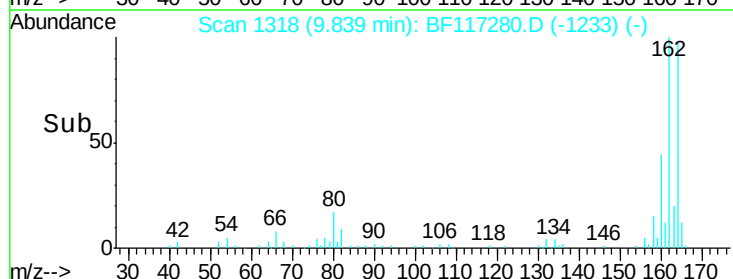
89 0.0 46.5 69.7#

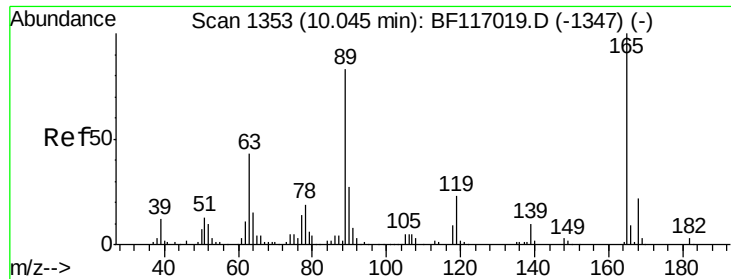


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

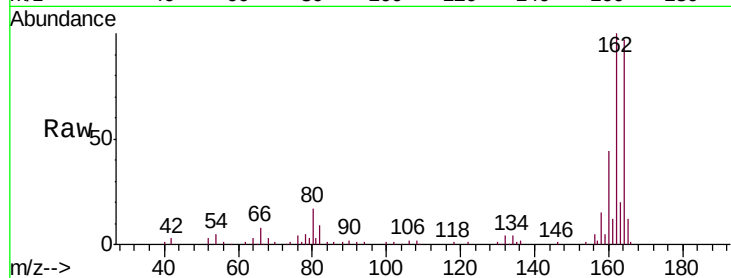




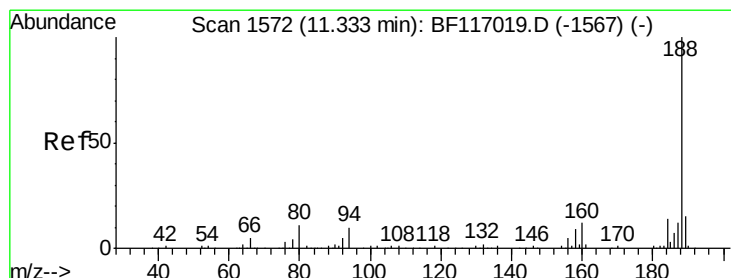
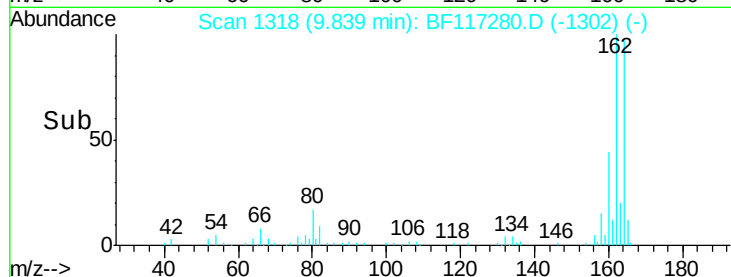
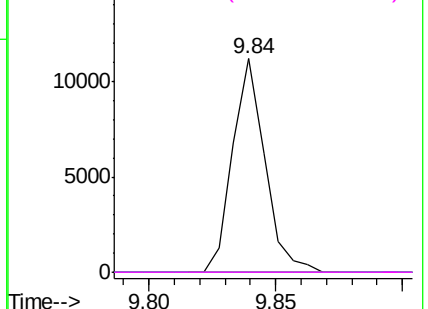
#57
 2,4-Dinitrotoluene
 Concen: 6.819 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.21 min
 Lab File: BF117280.D
 Acq: 1 Oct 2019 16:46

Instrument :
 BNA_F
 ClientSampleId :
 20190701-RR-COMPOSITE-1

Tgt Ion:165 Resp: 9945
 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#

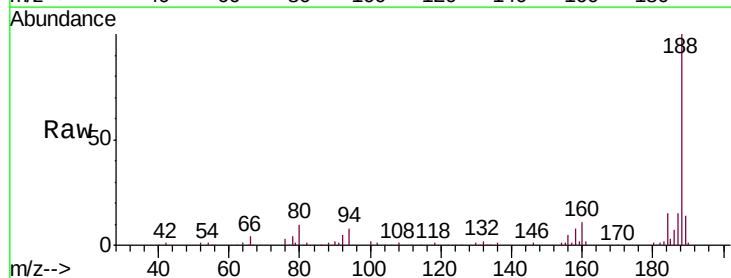


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

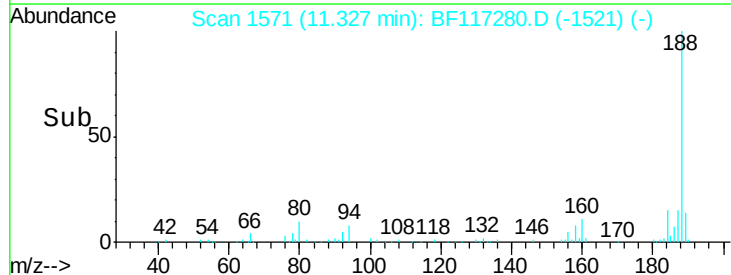
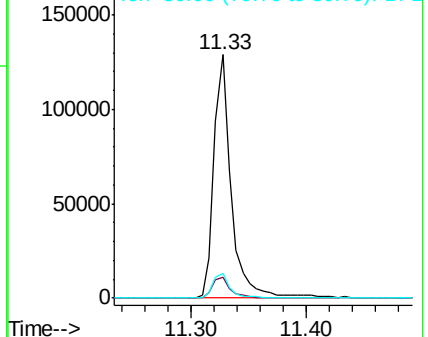


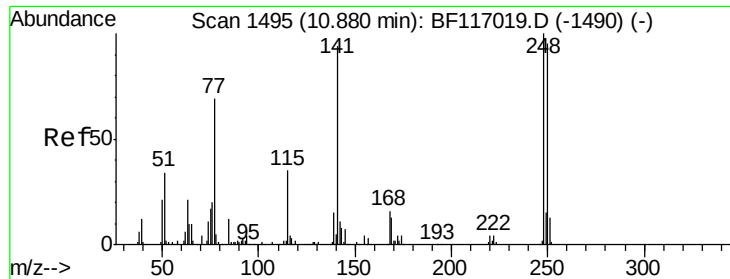
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF117280.D
 Acq: 1 Oct 2019 16:46

Tgt Ion:188 Resp: 135063
 Ion Ratio Lower Upper
 188 100
 94 8.4 8.2 12.2
 80 9.9 9.0 13.6



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

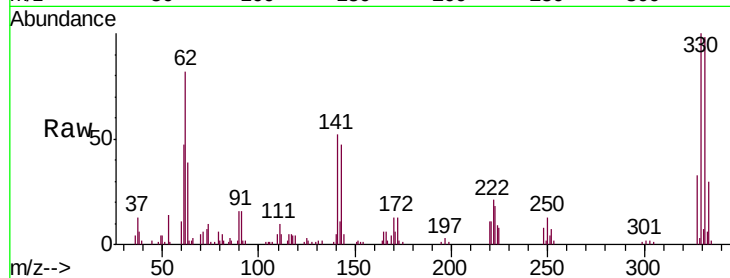




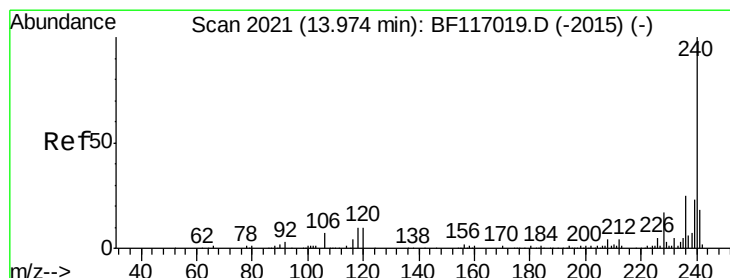
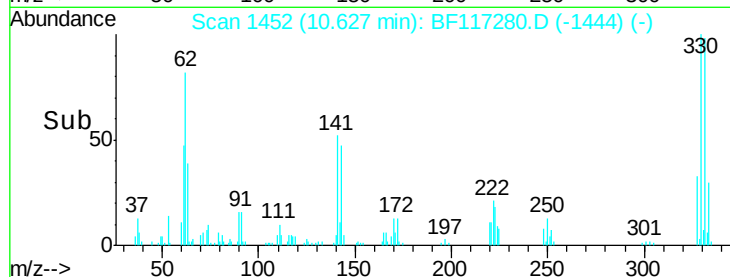
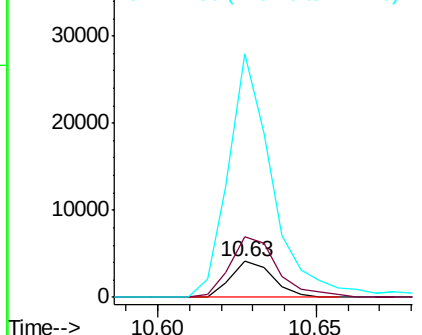
#67
 4-Bromophenyl-phenylether
 Concen: 2.780 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.25 min
 Lab File: BF117280.D
 Acq: 1 Oct 2019 16:46

Instrument :
 BNA_F
 ClientSampleId :
 20190701-RR-COMPOSITE-1

Tgt Ion: 248 Resp: 3835
 Ion Ratio Lower Upper
 248 100
 250 169.9 76.2 114.4#
 141 678.6 75.0 112.4#

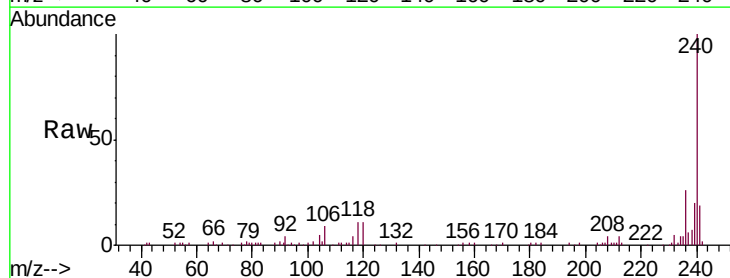


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

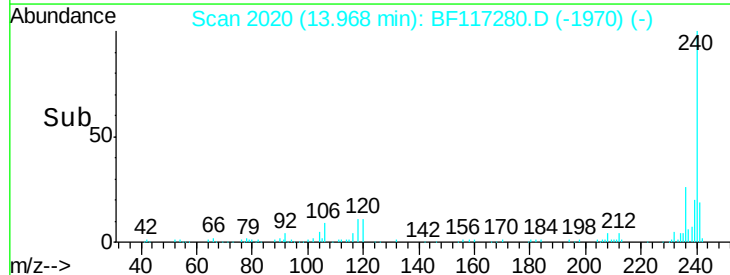
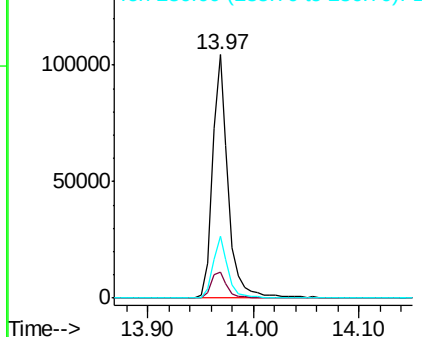


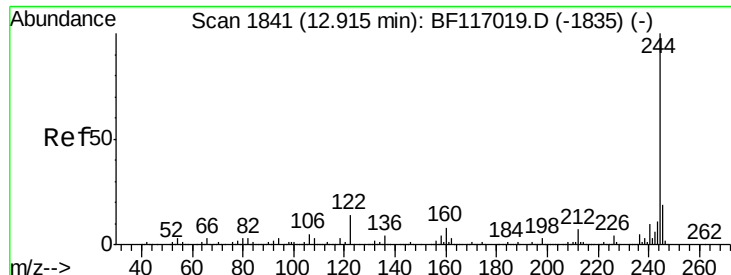
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF117280.D
 Acq: 1 Oct 2019 16:46

Tgt Ion: 240 Resp: 108585
 Ion Ratio Lower Upper
 240 100
 120 10.8 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

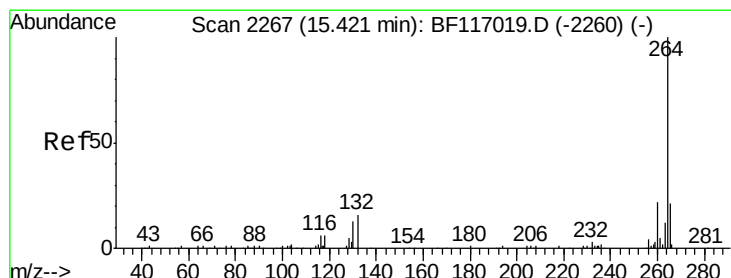
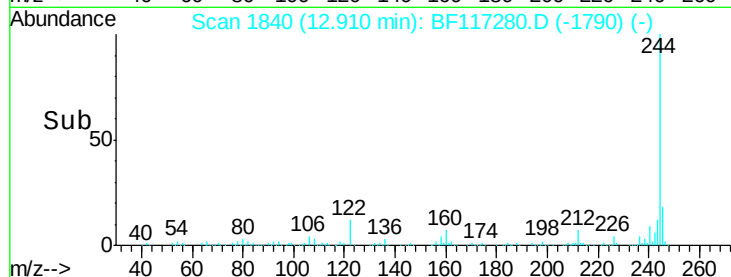
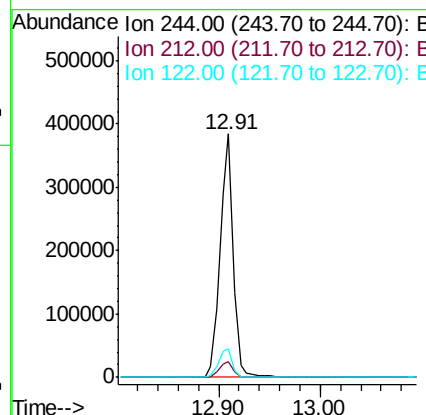
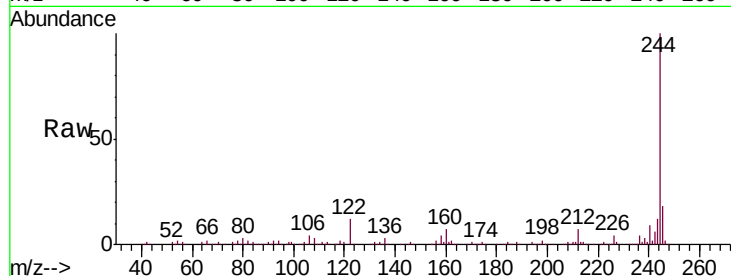




#79
 Terphenyl-d14
 Concen: 59.533 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF117280.D
 Acq: 1 Oct 2019 16:46

Instrument :
 BNA_F
 ClientSampleId :
 20190701-RR-COMPOSITE-1

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.8
122	12.0	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: BF117280.D
 Acq: 1 Oct 2019 16:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.6	26.4
265	20.1	16.6	24.8

