

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
 Data File : BF118786.D
 Acq On : 31 Jan 2020 17:12
 Operator : CG/JU
 Sample : L1330-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 31 22:04:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:24:10 2020
 Response via : Initial Calibration

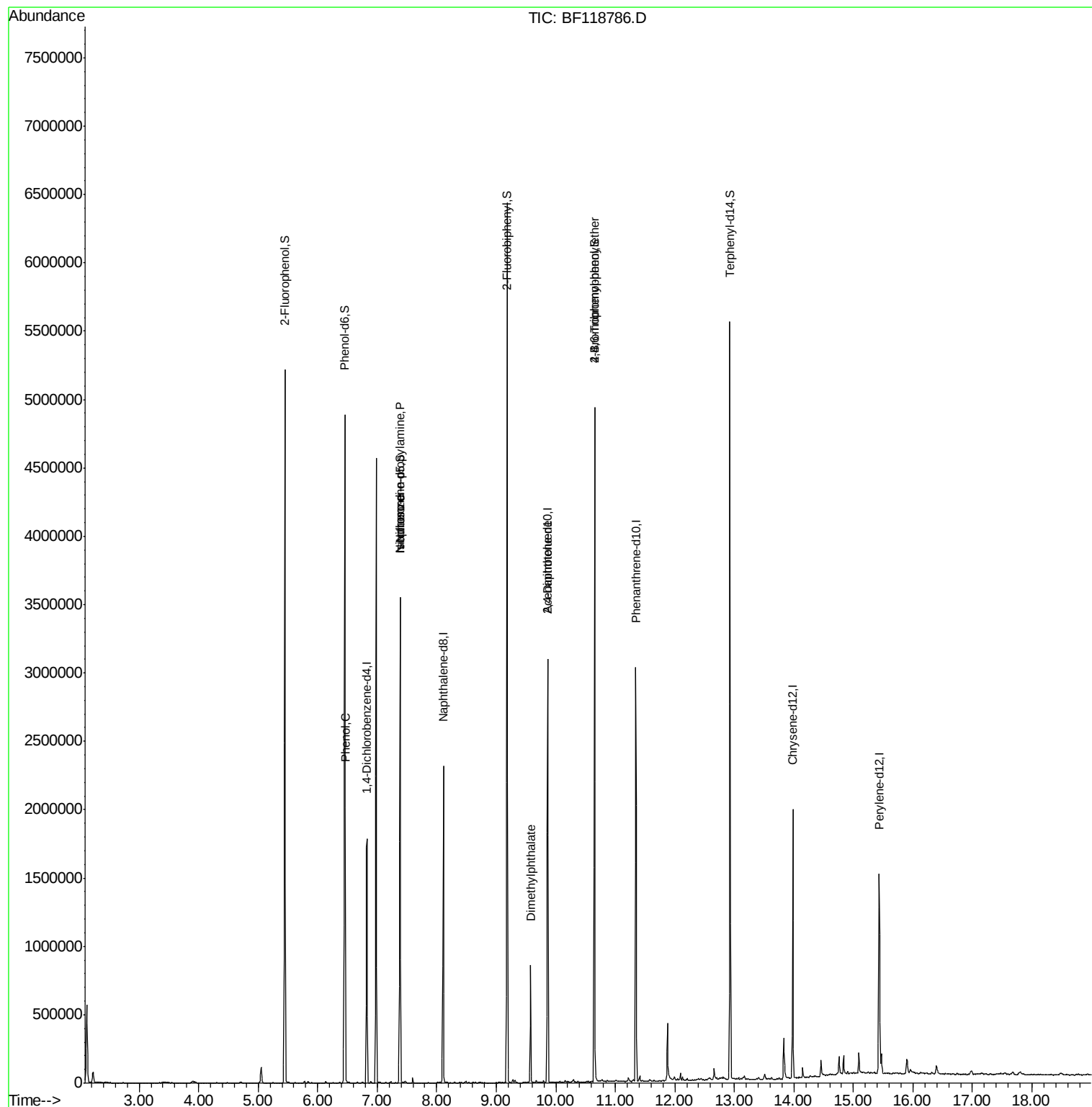
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	290330	20.00	ng	-0.04
21) Naphthalene-d8	8.11	136	1120606	20.00	ng	-0.04
39) Acenaphthene-d10	9.86	164	620419	20.00	ng	-0.04
64) Phenanthrene-d10	11.35	188	1082112	20.00	ng	-0.04
76) Chrysene-d12	13.98	240	616698	20.00	ng	-0.04
87) Perylene-d12	15.43	264	690523	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1550931	99.21	ng	-0.03
7) Phenol-d6	6.46	99	1930756	95.03	ng	-0.04
23) Nitrobenzene-d5	7.39	82	1250057	62.40	ng	-0.04
42) 2,4,6-Tribromophenol	10.65	330	681460	94.96	ng	-0.04
45) 2-Fluorobiphenyl	9.19	172	2067131	54.76	ng	-0.04
79) Terphenyl-d14	12.93	244	2116666	74.86	ng	-0.04
Target Compounds						
10) Phenol	6.47	94	94445	4.079	ng	93
19) n-Nitroso-di-n-propylamine	7.39	70	169497	12.355	ng	# 76
25) Isophorone	7.39	82	1228860	33.629	ng	# 63
50) Dimethylphthalate	9.57	163	308782	7.639	ng	99
57) 2,4-Dinitrotoluene	9.86	165	81083	7.106	ng	# 30
67) 4-Bromophenyl-phenylether	10.65	248	43659	3.266	ng	# 1

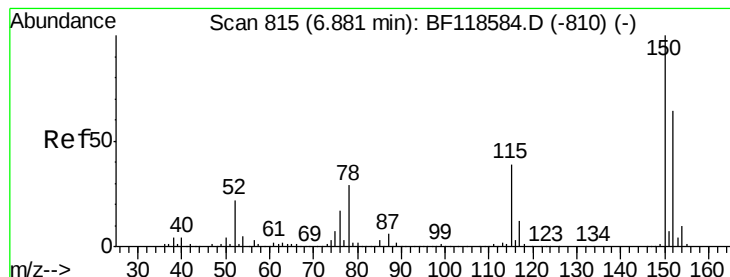
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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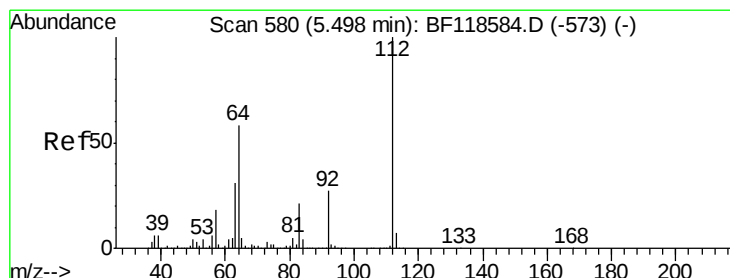
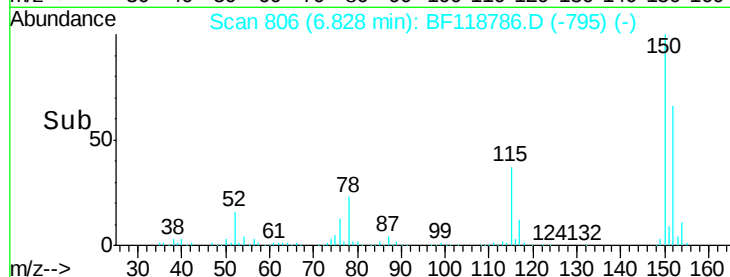
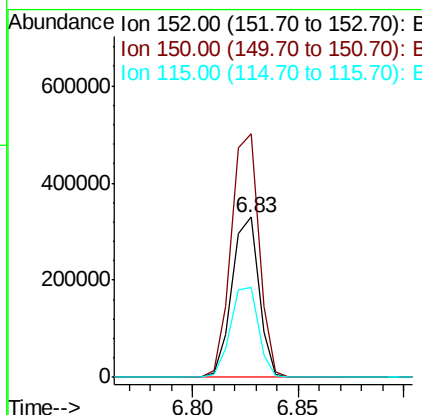
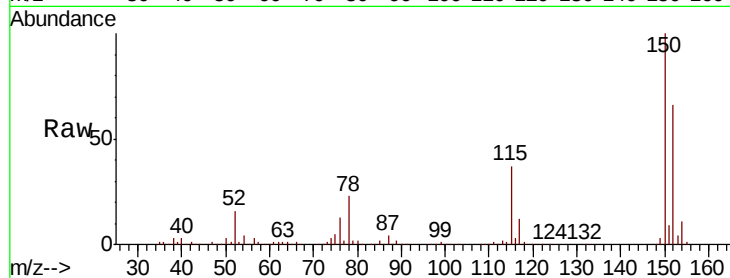


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.04 min
Lab File: BF118786.D
Acq: 31 Jan 2020 17:12

Instrument :
BNA_F
ClientSampleId :

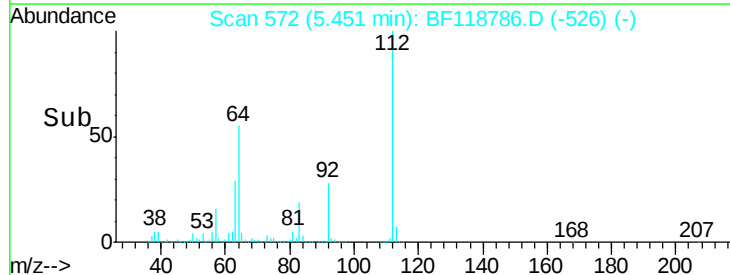
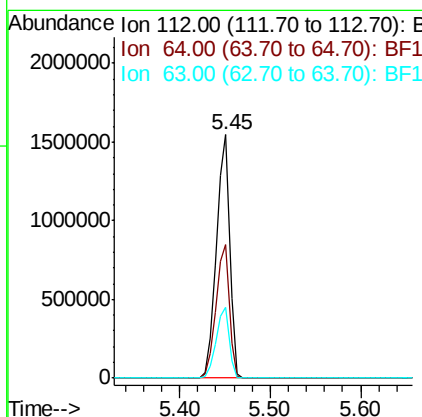
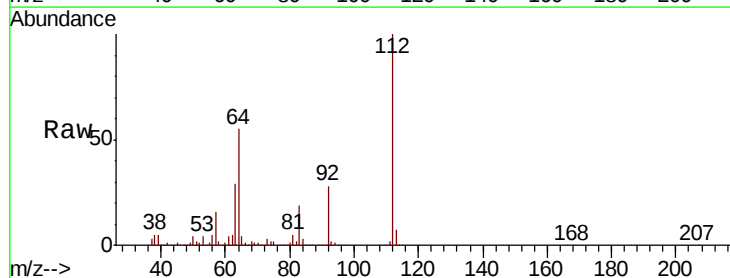
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	123.7	185.5
115	56.0	45.1	67.7

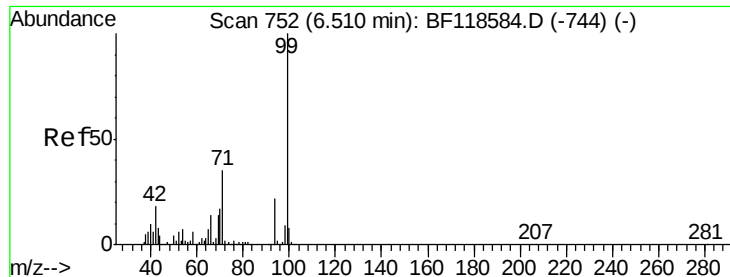


#5

2-Fluorophenol
Concen: 99.214 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.03 min
Lab File: BF118786.D
Acq: 31 Jan 2020 17:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	42.4	63.6
63	28.9	21.7	32.5





#7

Phenol-d6

Concen: 95.027 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.04 min

Lab File: BF118786.D

Acq: 31 Jan 2020 17:12

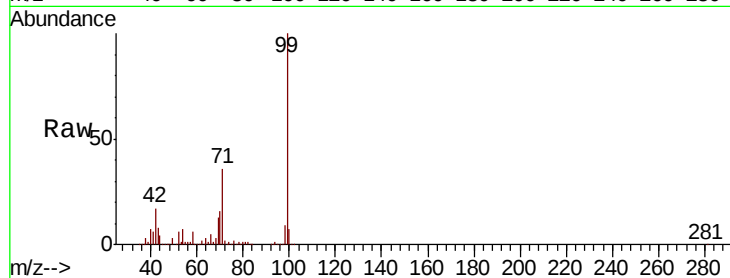
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1930756

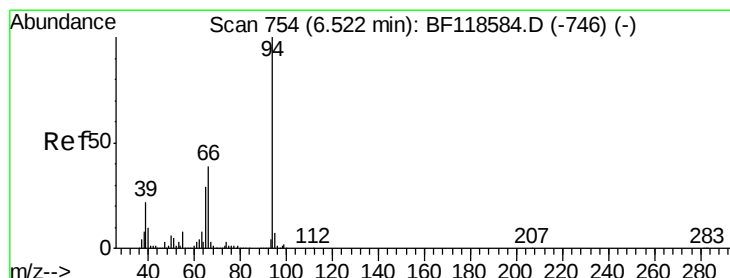
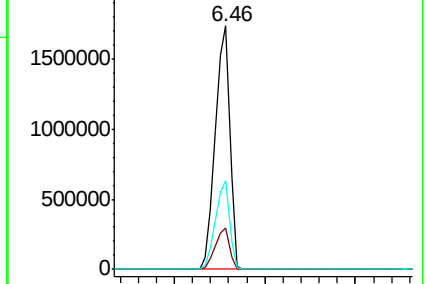
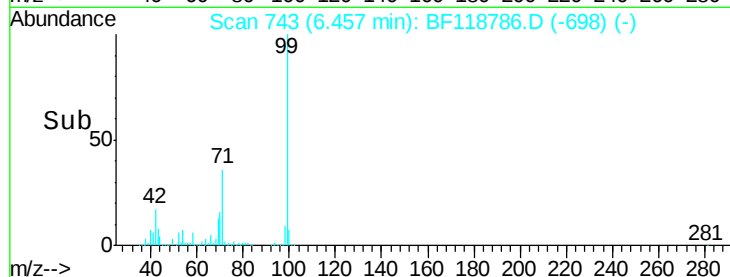
Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.1	19.7
71	36.4	28.4	42.6



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



#10

Phenol

Concen: 4.079 ng

RT: 6.47 min Scan# 745

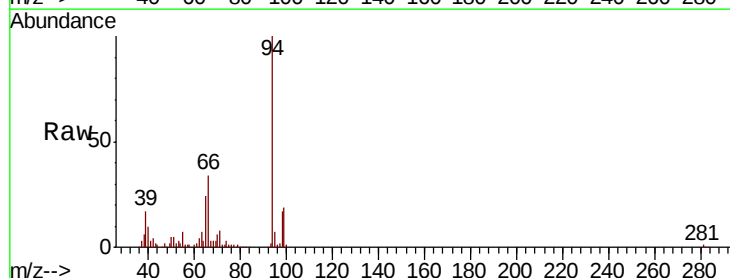
Delta R.T. -0.04 min

Lab File: BF118786.D

Acq: 31 Jan 2020 17:12

Tgt Ion: 94 Resp: 94445

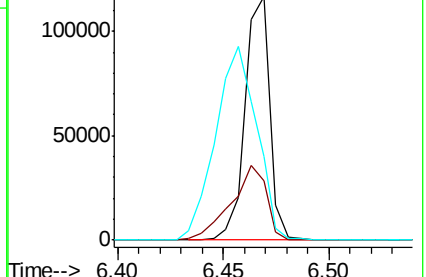
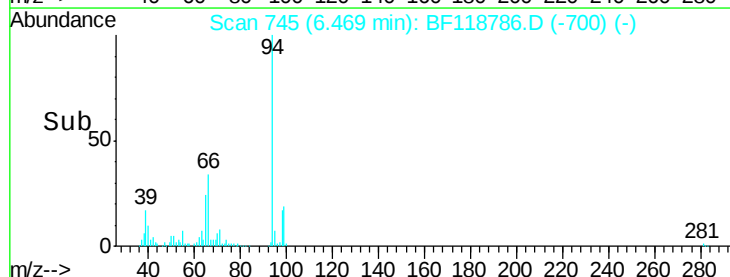
Ion	Ratio	Lower	Upper
94	100		
65	24.4	7.9	47.9
66	34.3	19.1	59.1



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: 12.355 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.11 min

Lab File: BF118786.D

Acq: 31 Jan 2020 17:12

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 169497

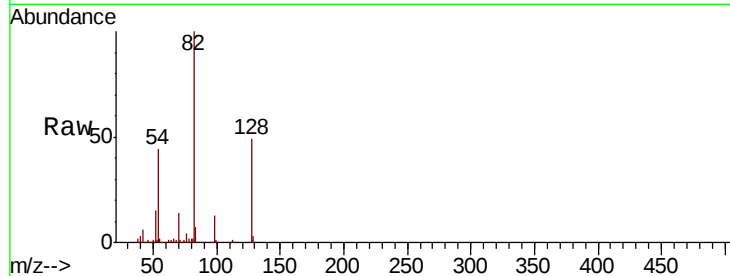
Ion Ratio Lower Upper

70 100

42 41.5 41.6 62.4#

101 0.0 7.9 11.9#

130 2.5 19.0 28.6#

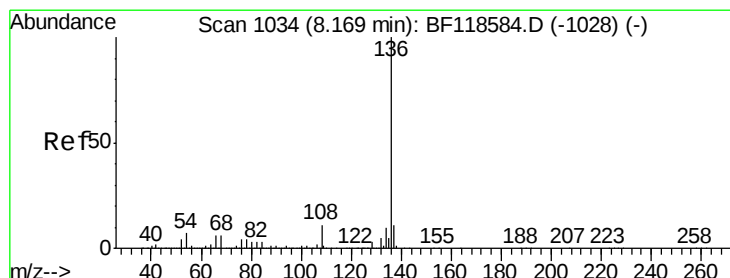
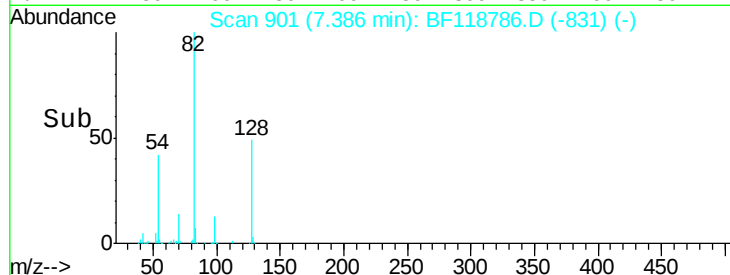
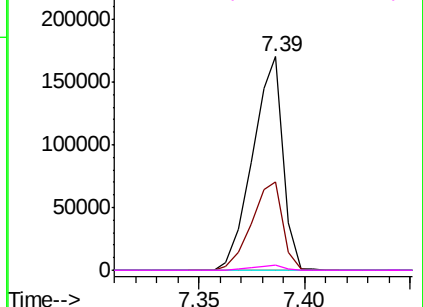


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.11 min Scan# 1024

Delta R.T. -0.04 min

Lab File: BF118786.D

Acq: 31 Jan 2020 17:12

Tgt Ion: 136 Resp: 1120606

Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.0 5.1 7.7

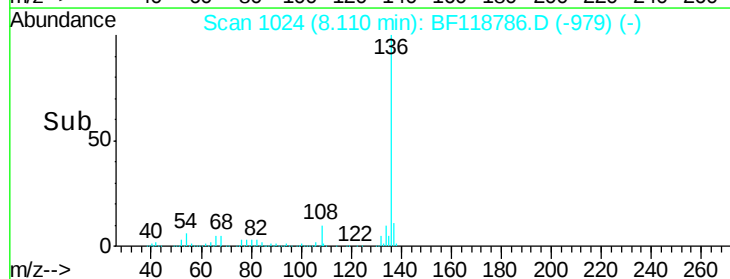
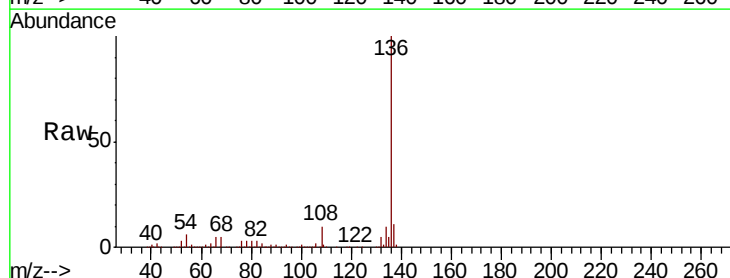
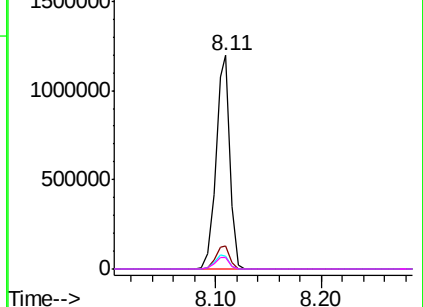
68 5.5 4.3 6.5

Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 62.395 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.04 min

Lab File: BF118786.D

Acq: 31 Jan 2020 17:12

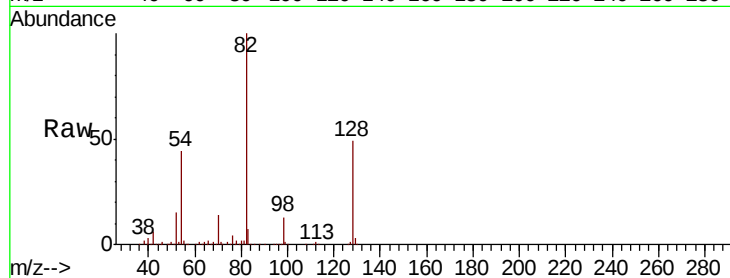
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 82 Resp: 1250057

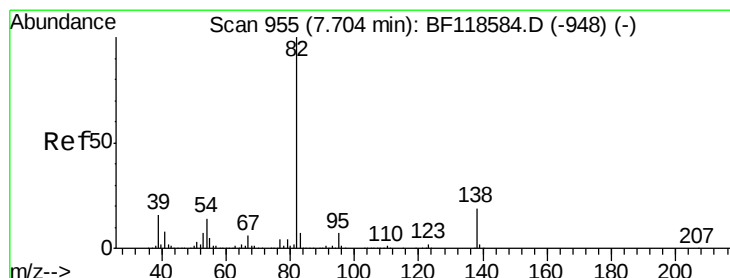
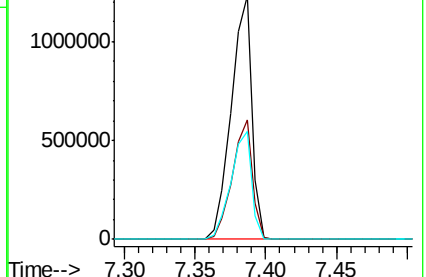
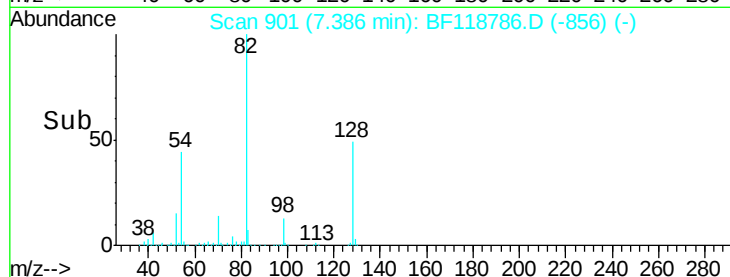
Ion	Ratio	Lower	Upper
82	100		
128	49.3	38.2	57.2
54	44.2	36.1	54.1



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: 33.629 ng

RT: 7.39 min Scan# 901

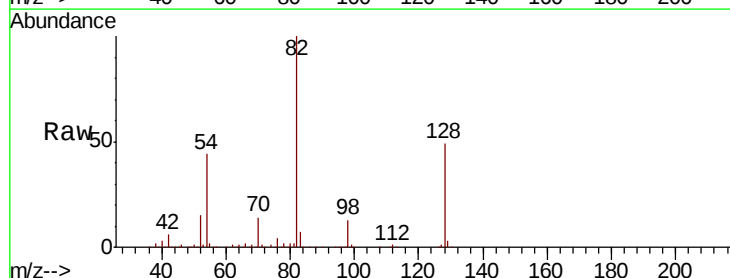
Delta R.T. -0.29 min

Lab File: BF118786.D

Acq: 31 Jan 2020 17:12

Tgt Ion: 82 Resp: 1228860

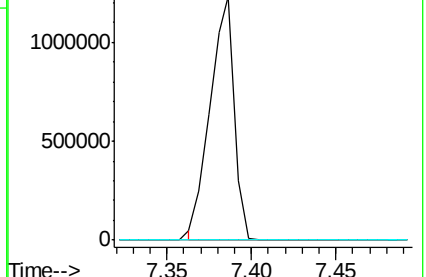
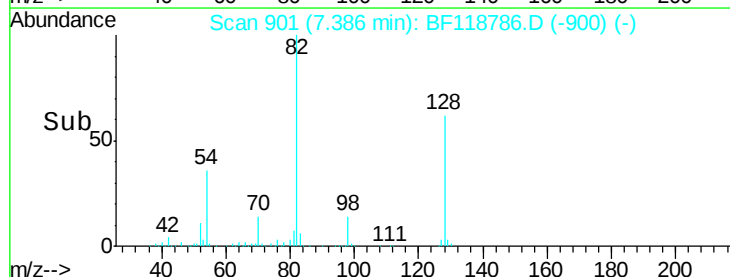
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.8#
138	0.0	15.8	23.8#

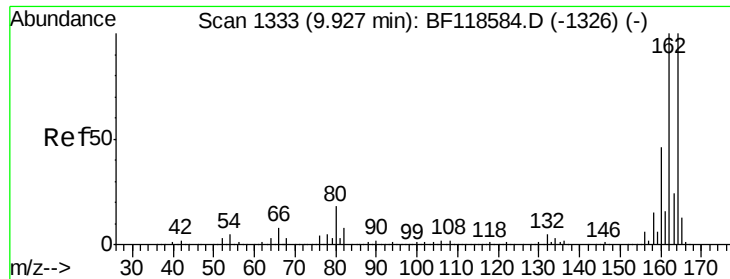


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.86 min Scan# 1322

Delta R.T. -0.04 min

Lab File: BF118786.D

Acq: 31 Jan 2020 17:12

Instrument :

BNA_F

ClientSampleId :

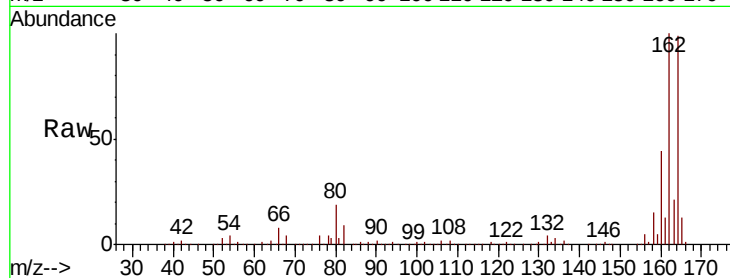
Tot Ion:164 Resp: 620419

Ion Ratio Lower Upper

164 100

162 101.4 80.8 121.2

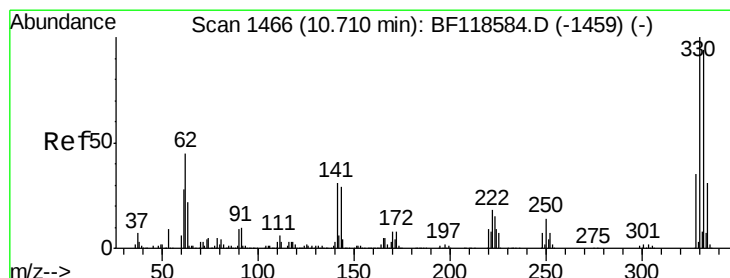
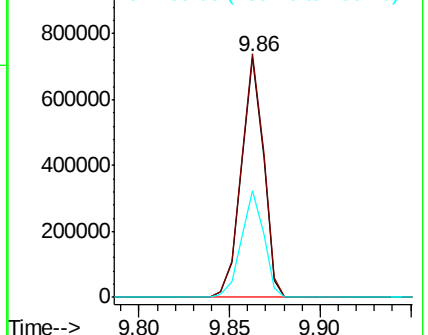
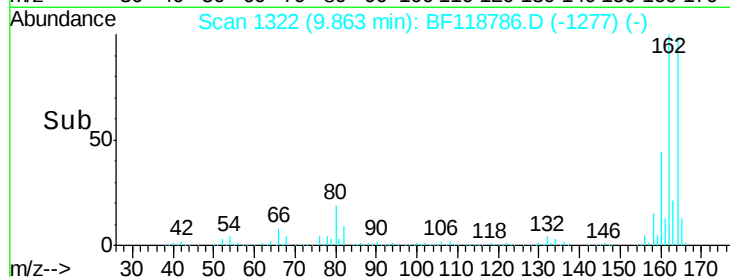
160 44.6 35.4 53.0



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: 94.965 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.04 min

Lab File: BF118786.D

Acq: 31 Jan 2020 17:12

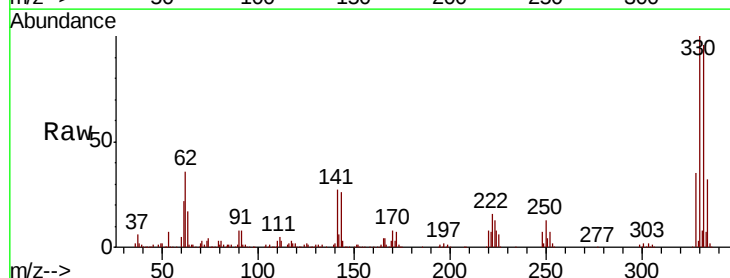
Tgt Ion:330 Resp: 681460

Ion Ratio Lower Upper

330 100

332 95.7 77.6 116.4

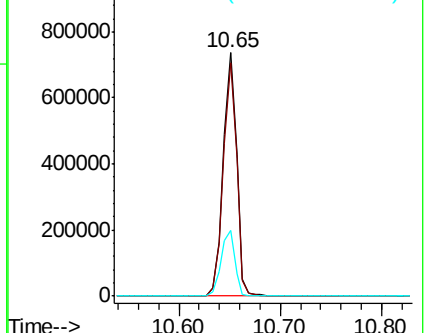
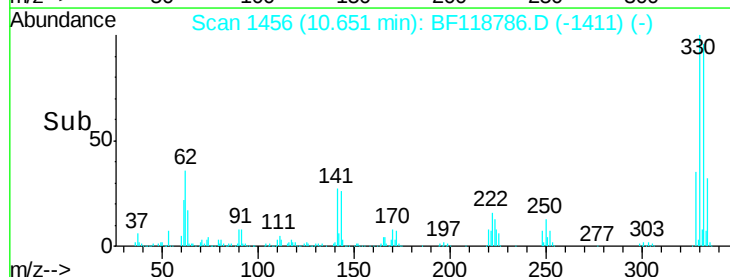
141 27.7 22.2 33.2

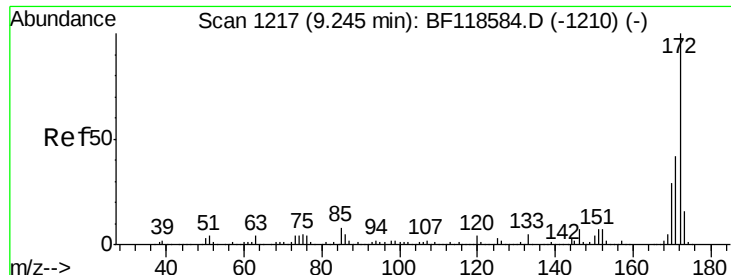


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

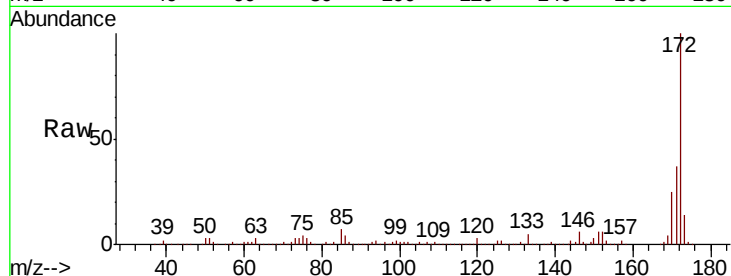




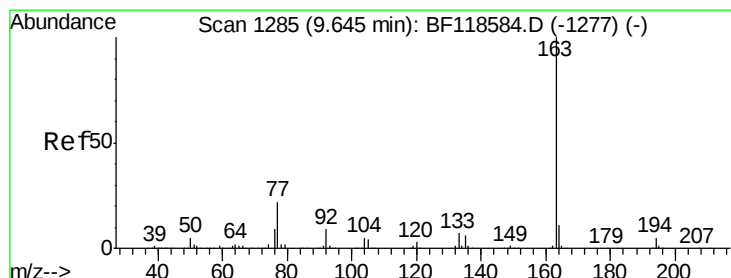
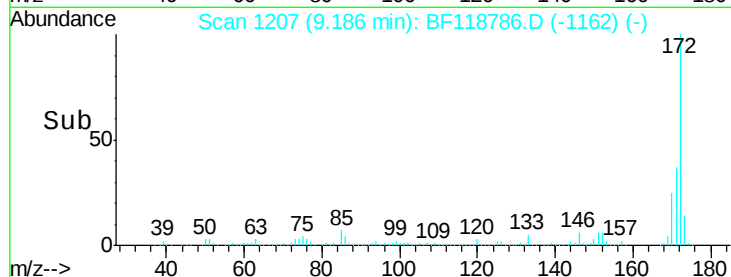
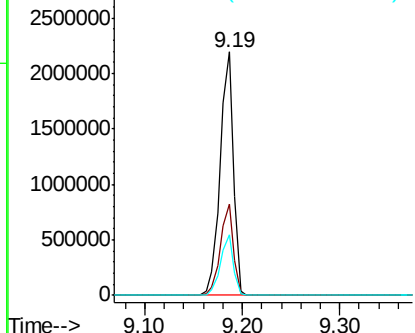
#45
2-Fluorobiphenyl
Concen: 54.762 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.04 min
Lab File: BF118786.D
Acq: 31 Jan 2020 17:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 2067131
Ion Ratio Lower Upper
172 100
171 37.3 31.0 46.4
170 24.7 20.7 31.1

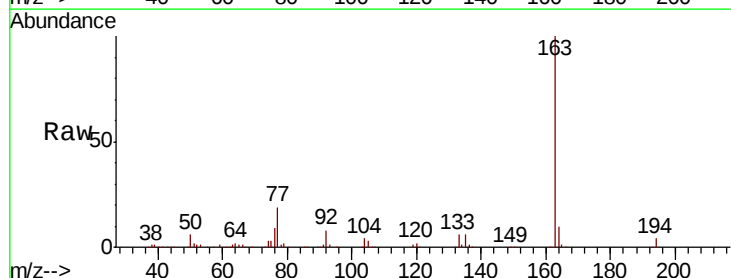


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

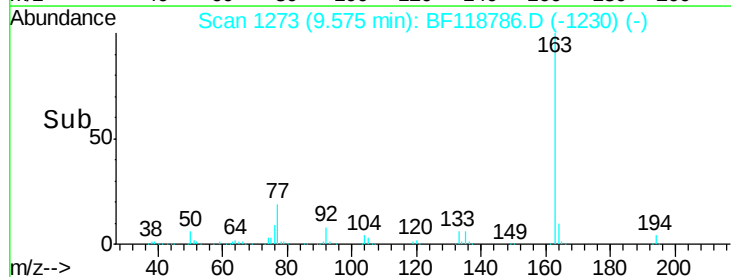
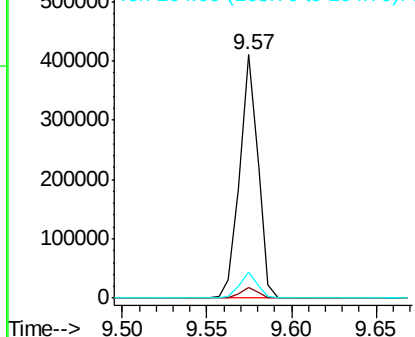


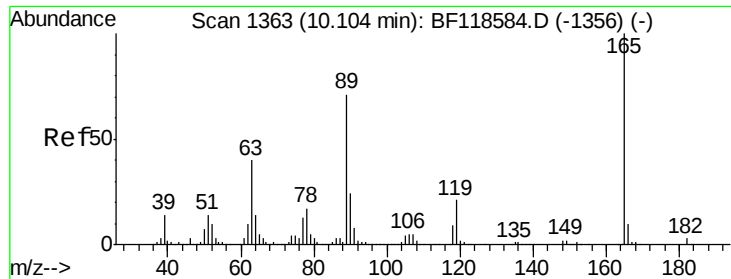
#50
Dimethylphthalate
Concen: 7.639 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.05 min
Lab File: BF118786.D
Acq: 31 Jan 2020 17:12

Tgt Ion:163 Resp: 308782
Ion Ratio Lower Upper
163 100
194 4.5 3.7 5.5
164 10.5 8.2 12.2



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

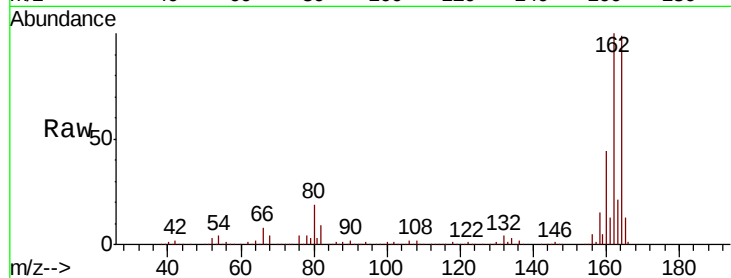




#57
 2,4-Dinitrotoluene
 Concen: 7.106 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.22 min
 Lab File: BF118786.D
 Acq: 31 Jan 2020 17:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	28.5	42.7#
89	1.3	50.4	75.6#
182	0.0	2.3	3.5#

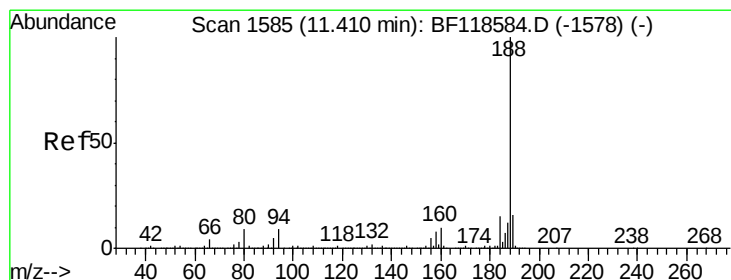
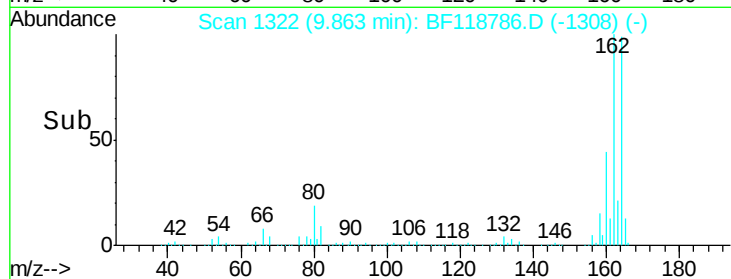
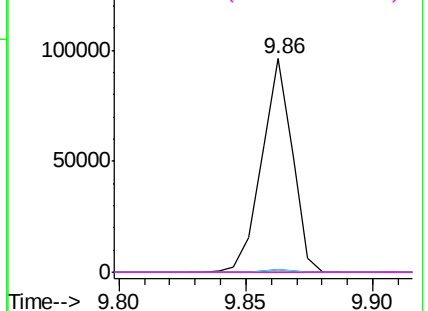


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

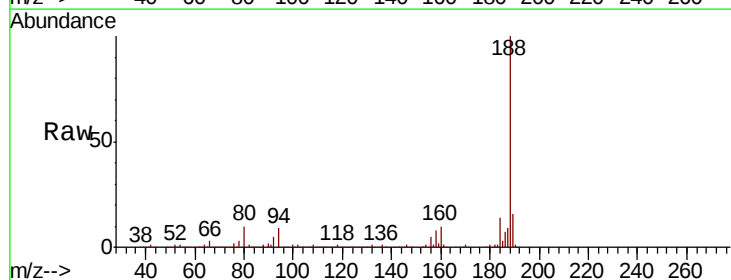
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. -0.04 min
 Lab File: BF118786.D
 Acq: 31 Jan 2020 17:12

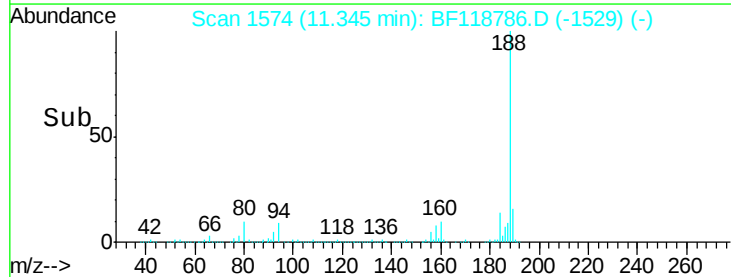
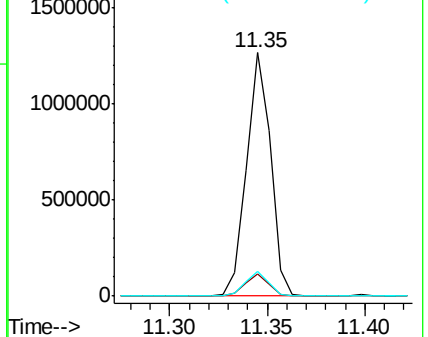
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.4	11.2
80	10.2	7.8	11.8



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

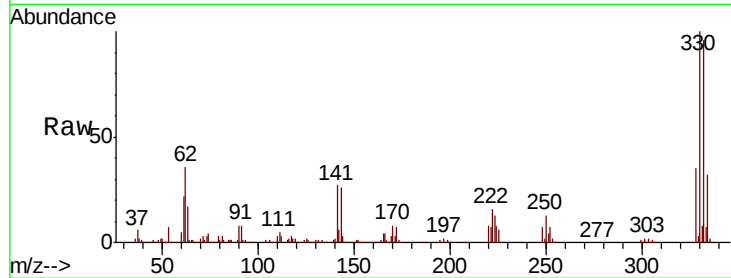




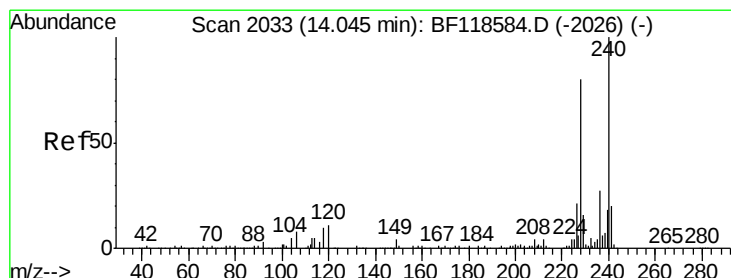
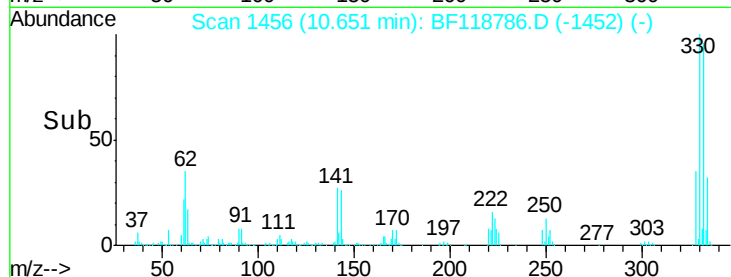
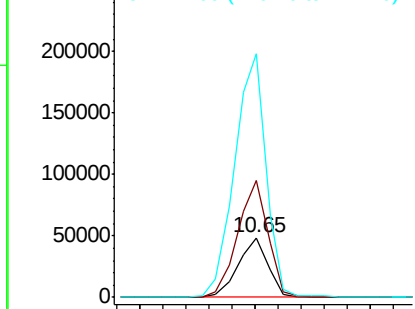
#67
 4-Bromophenyl-phenylether
 Concen: 3.266 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.28 min
 Lab File: BF118786.D
 Acq: 31 Jan 2020 17:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 43659
 Ion Ratio Lower Upper
 248 100
 250 196.3 78.7 118.1#
 141 406.8 48.4 72.6#

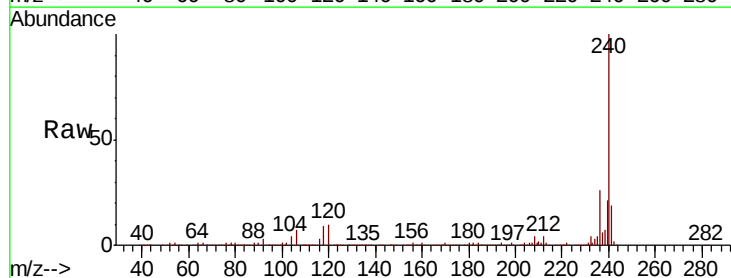


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

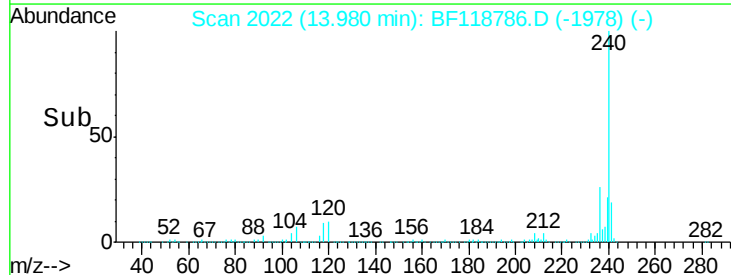
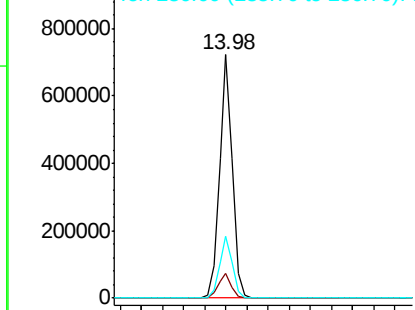


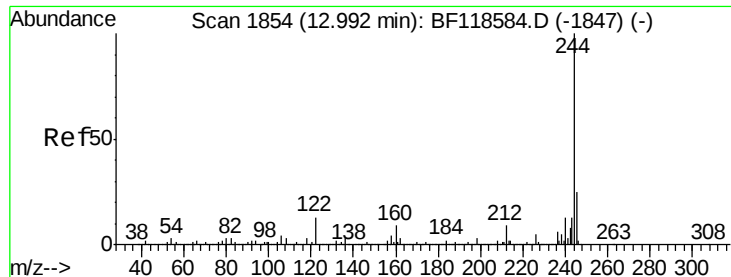
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.04 min
 Lab File: BF118786.D
 Acq: 31 Jan 2020 17:12

Tgt Ion:240 Resp: 616698
 Ion Ratio Lower Upper
 240 100
 120 10.1 7.6 11.4
 236 25.5 21.0 31.4



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: 74.861 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.04 min

Lab File: BF118786.D

Acq: 31 Jan 2020 17:12

Instrument :

BNA_F

ClientSampled :

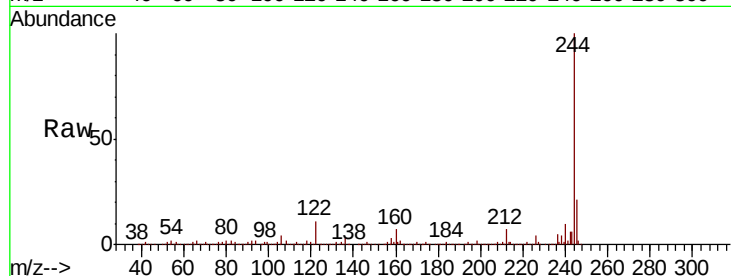
Tot Ion:244 Resp: 2116666

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.3	9.5
122	11.4	9.2	13.8

244 100

212 6.8 6.3 9.5

122 11.4 9.2 13.8

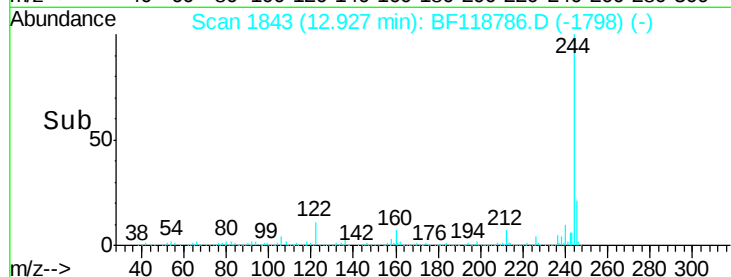


Abundance Ion 244.00 (243.70 to 244.70): E

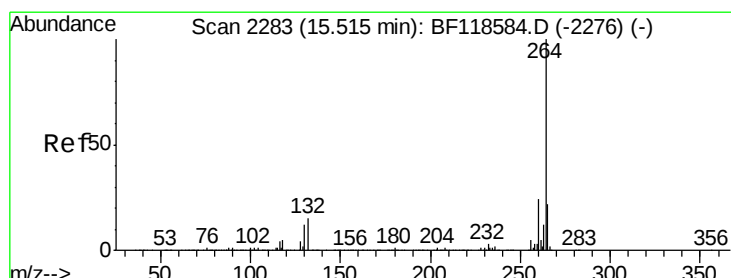
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. -0.05 min

Lab File: BF118786.D

Acq: 31 Jan 2020 17:12

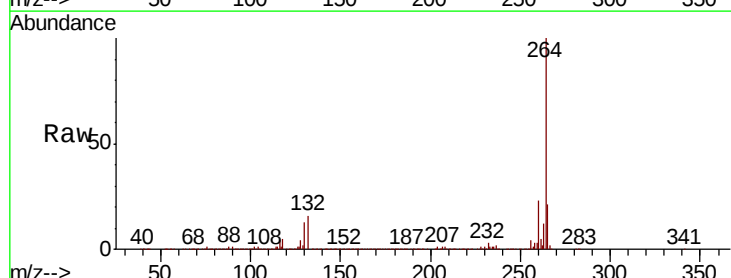
Tgt Ion:264 Resp: 690523

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	21.4	17.0	25.6

264 100

260 23.5 18.6 28.0

265 21.4 17.0 25.6

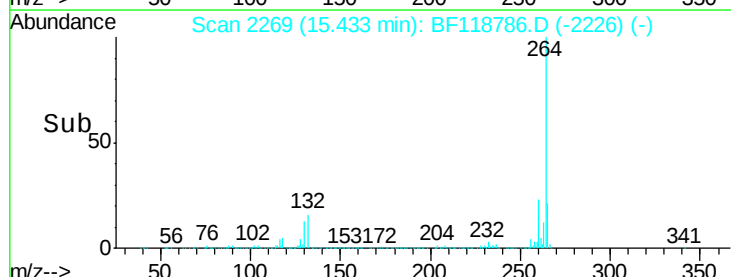


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



Time-->