

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
 Data File : BF118733.D
 Acq On : 29 Jan 2020 16:04
 Operator : CG/JU
 Sample : L1289-37
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 00:09:32 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

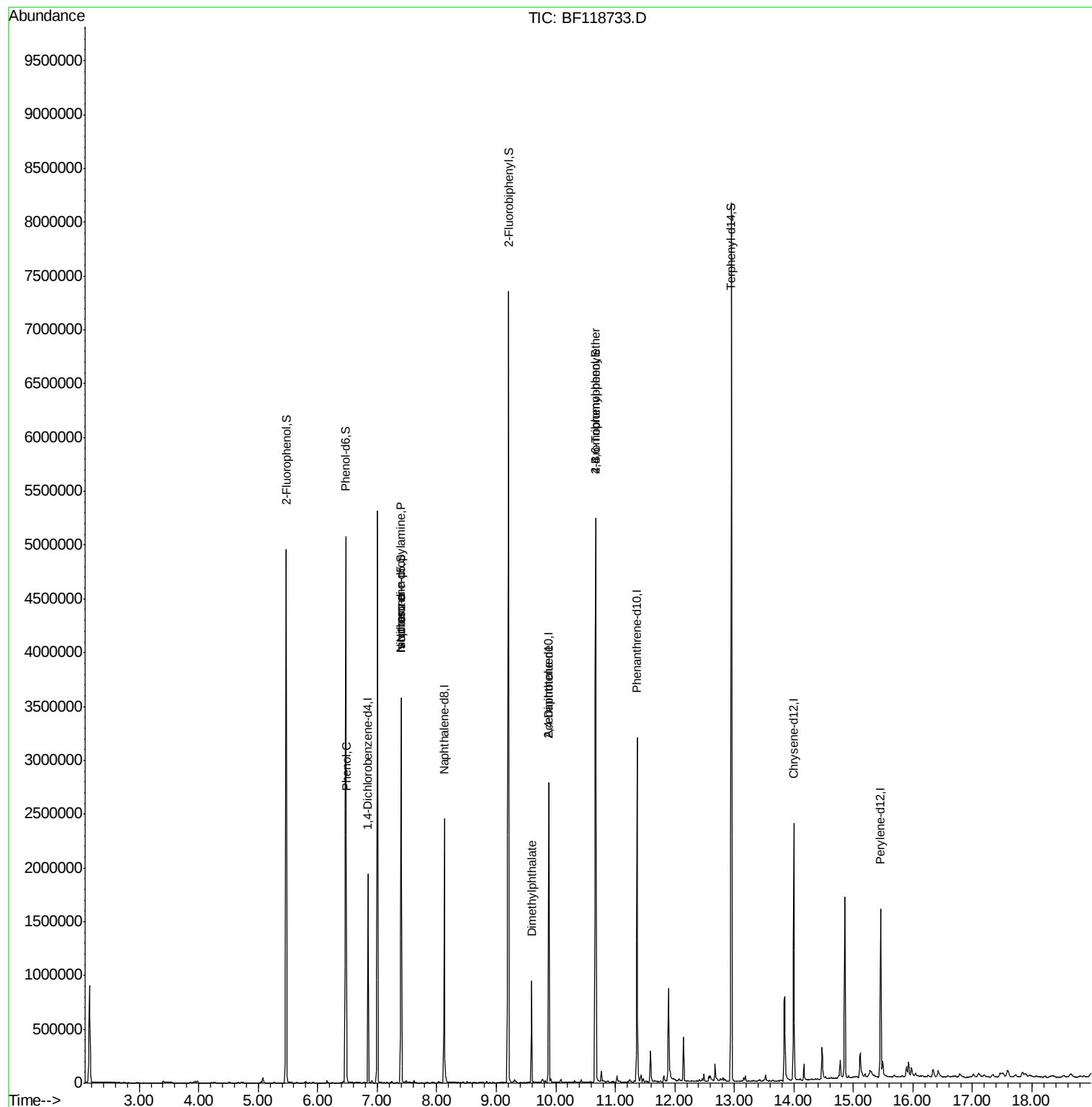
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	294885	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	1122902	20.00	ng	-0.02
39) Acenaphthene-d10	9.88	164	648370	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	1200709	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	821377	20.00	ng	-0.02
87) Perylene-d12	15.46	264	756251	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1591373	100.23	ng	0.00
7) Phenol-d6	6.47	99	1969816	95.45	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1266797	63.10	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	745687	99.44	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	2513946	63.73	ng	-0.02
79) Terphenyl-d14	12.95	244	2914479	77.39	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	70507	2.998	ng	94
19) n-Nitroso-di-n-propylamine	7.40	70	171673	12.320	ng	# 77
25) Isophorone	7.40	82	1261558	34.453	ng	# 63
50) Dimethylphthalate	9.59	163	388177	9.189	ng	100
57) 2,4-Dinitrotoluene	9.88	165	82881	6.950	ng	# 30
67) 4-Bromophenyl-phenylether	10.67	248	47373	3.193	ng	# 1

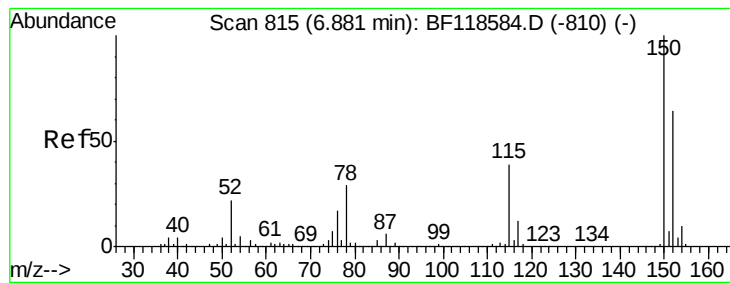
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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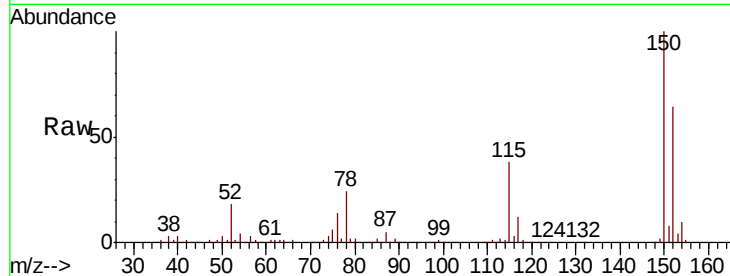


#1

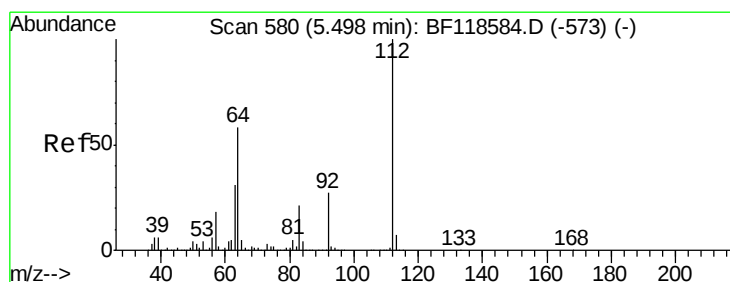
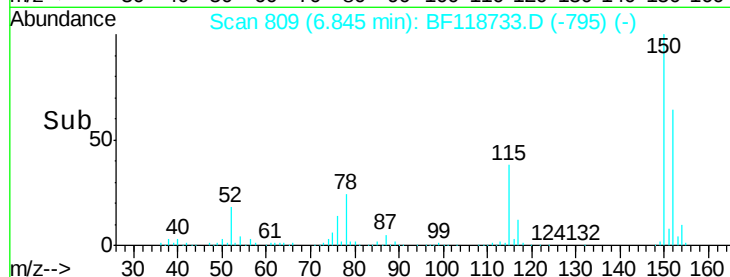
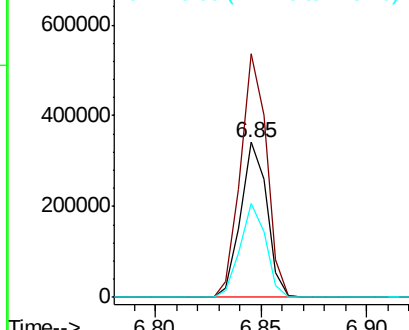
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF118733.D
Acq: 29 Jan 2020 16:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 294885
Ion Ratio Lower Upper
152 100
150 156.9 123.7 185.5
115 60.2 45.1 67.7



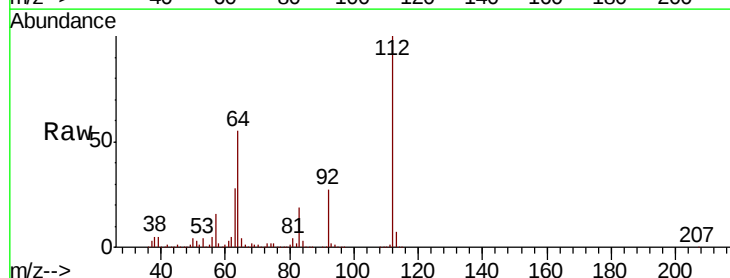
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



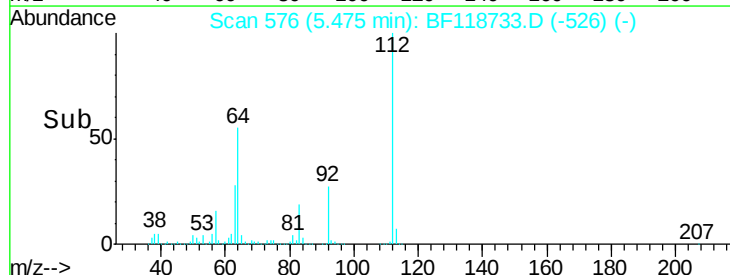
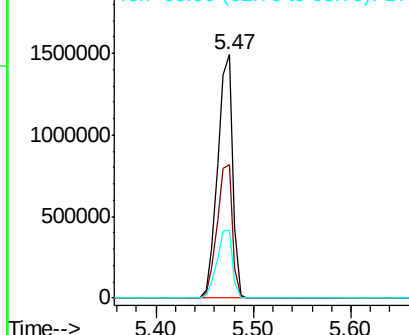
#5

2-Fluorophenol
Concen: 100.228 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF118733.D
Acq: 29 Jan 2020 16:04

Tgt Ion:112 Resp: 1591373
Ion Ratio Lower Upper
112 100
64 54.7 42.4 63.6
63 28.1 21.7 32.5



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: 95.452 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF118733.D

Acq: 29 Jan 2020 16:04

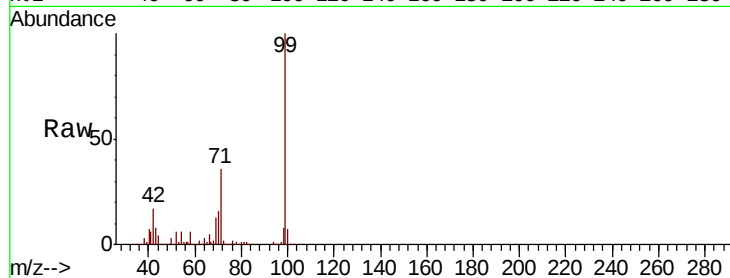
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1969816

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.1	19.7
71	36.3	28.4	42.6

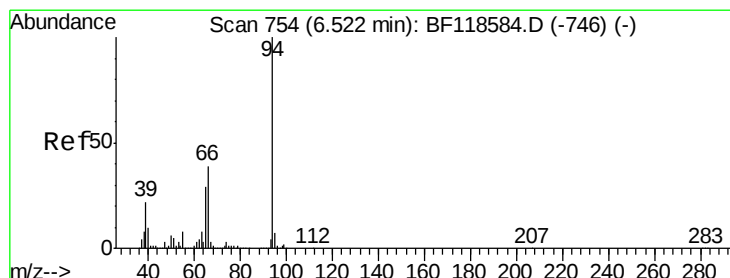
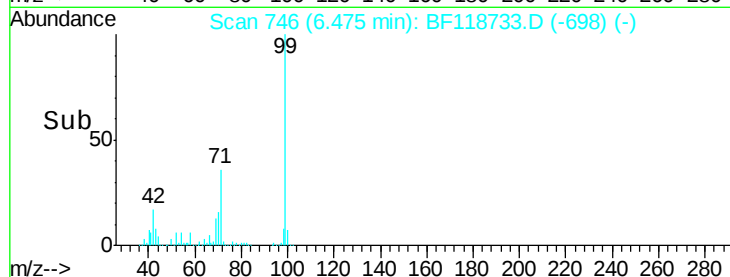
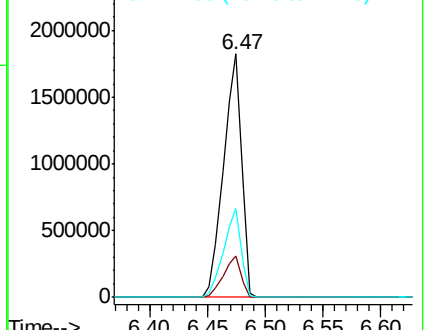


Abundance

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: 2.998 ng

RT: 6.49 min Scan# 748

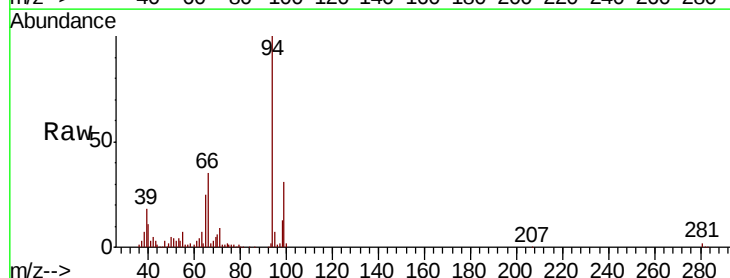
Delta R.T. -0.02 min

Lab File: BF118733.D

Acq: 29 Jan 2020 16:04

Tgt Ion: 94 Resp: 70507

Ion	Ratio	Lower	Upper
94	100		
65	25.4	7.9	47.9
66	35.0	19.1	59.1

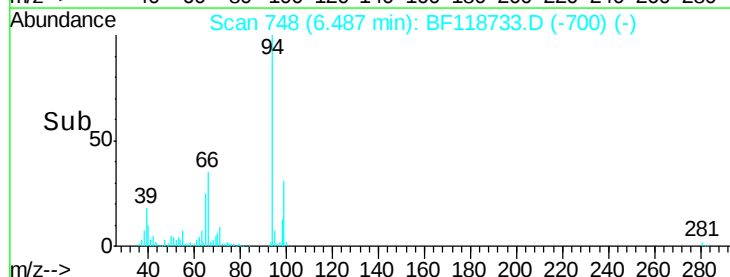
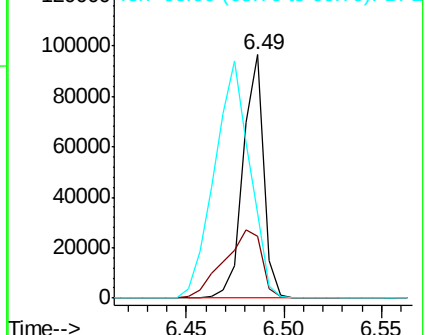


Abundance

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

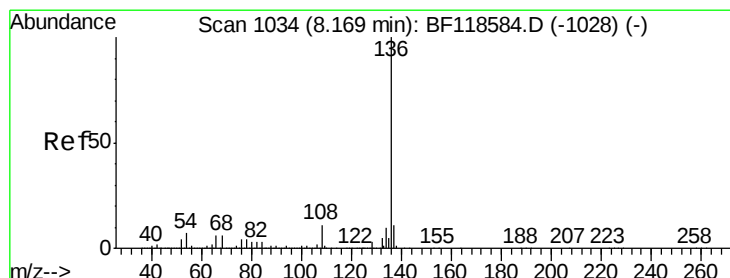
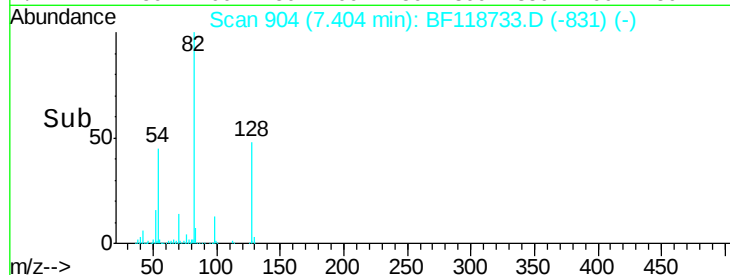
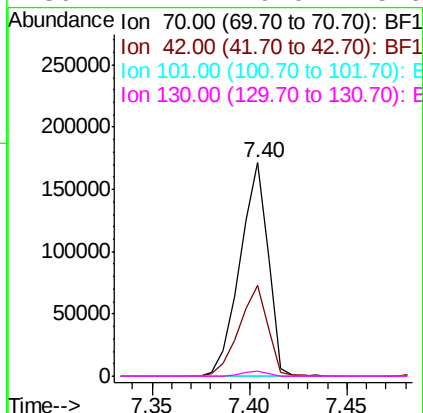
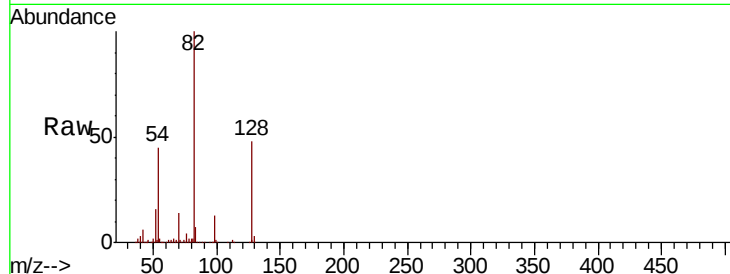




#19
n-Nitroso-di-n-propylamine
Concen: 12.320 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.13 min
Lab File: BF118733.D
Acq: 29 Jan 2020 16:04

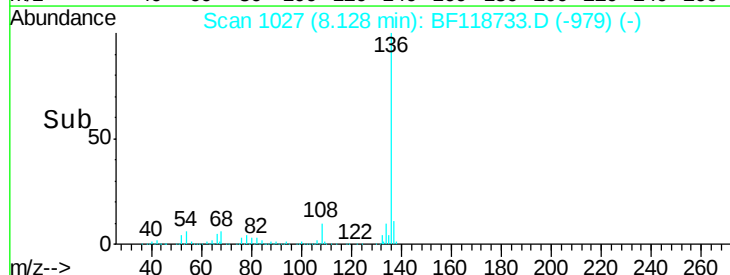
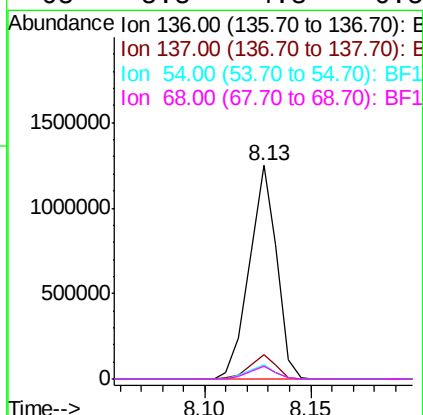
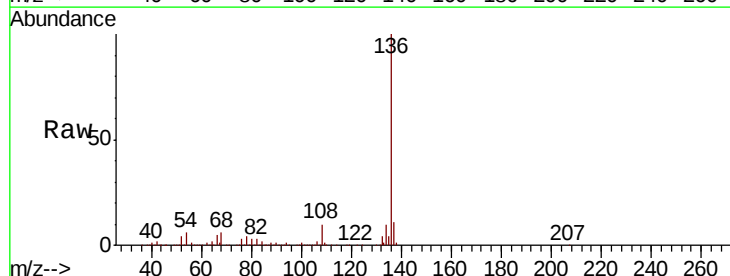
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 171673
Ion Ratio Lower Upper
70 100
42 42.5 41.6 62.4
101 0.0 7.9 11.9#
130 2.2 19.0 28.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF118733.D
Acq: 29 Jan 2020 16:04

Tgt Ion:136 Resp: 1122902
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 6.5 5.1 7.7
68 5.8 4.3 6.5

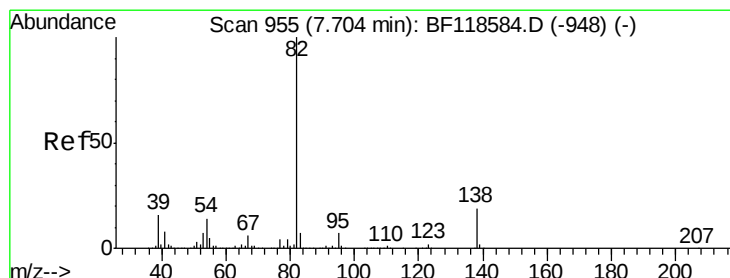
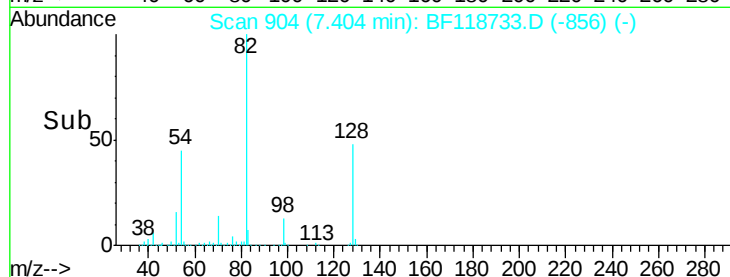
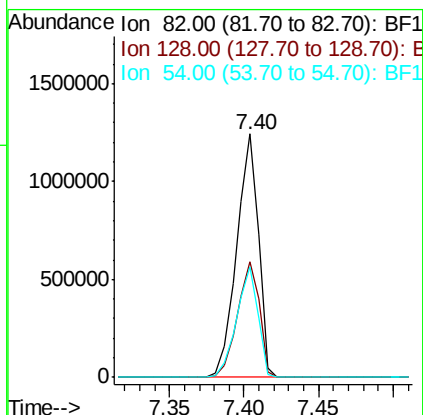
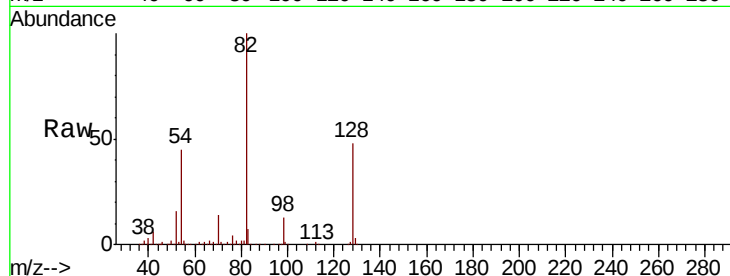




#23
Nitrobenzene-d5
Concen: 63.102 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.02 min
Lab File: BF118733.D
Acq: 29 Jan 2020 16:04

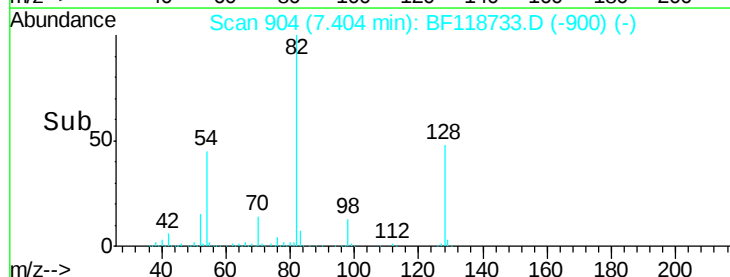
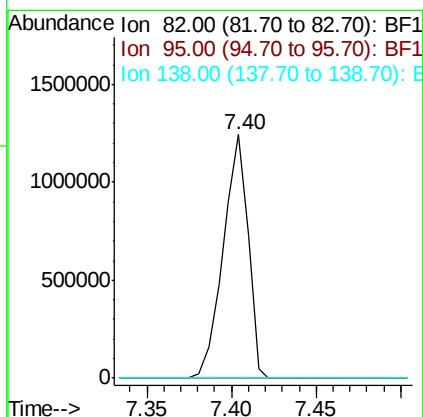
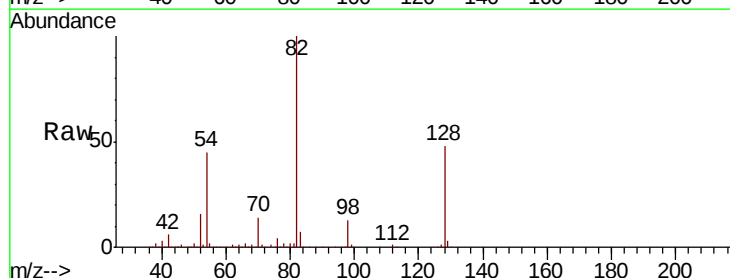
Instrument :
BNA_F
ClientSampleId :

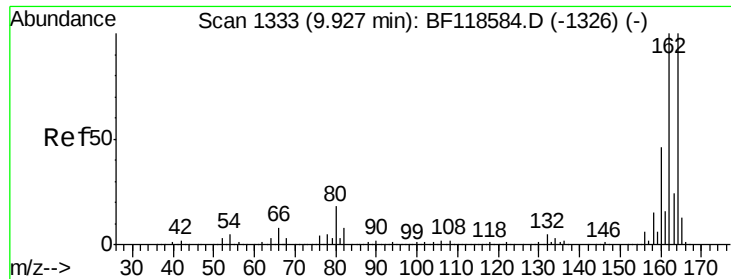
Tot Ion: 82 Resp: 1266797
Ion Ratio Lower Upper
82 100
128 47.7 38.2 57.2
54 45.3 36.1 54.1



#25
Isophorone
Concen: 34.453 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.28 min
Lab File: BF118733.D
Acq: 29 Jan 2020 16:04

Tgt Ion: 82 Resp: 1261558
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 15.8 23.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF118733.D

Acq: 29 Jan 2020 16:04

Instrument :

BNA_F

ClientSampleId :

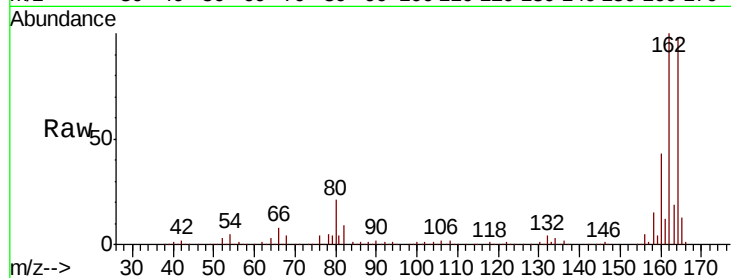
Tot Ion:164 Resp: 648370

Ion Ratio Lower Upper

164 100

162 102.2 80.8 121.2

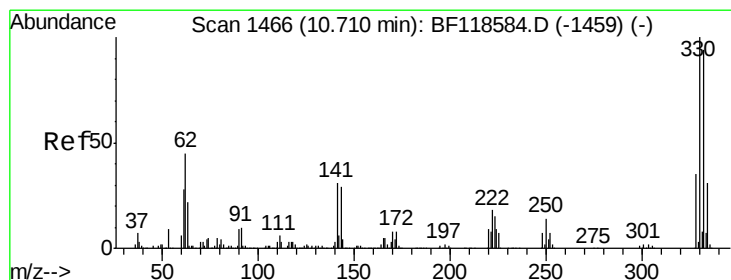
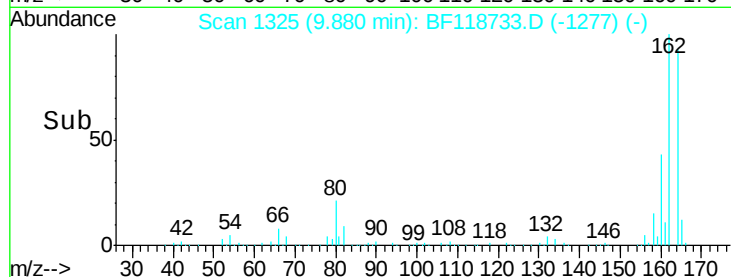
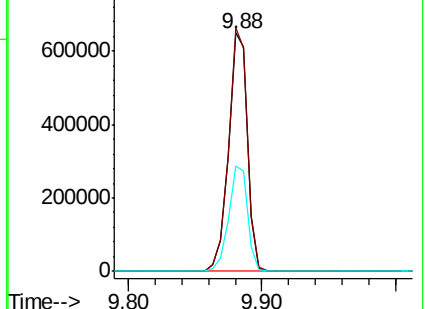
160 44.4 35.4 53.0



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: 99.435 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BF118733.D

Acq: 29 Jan 2020 16:04

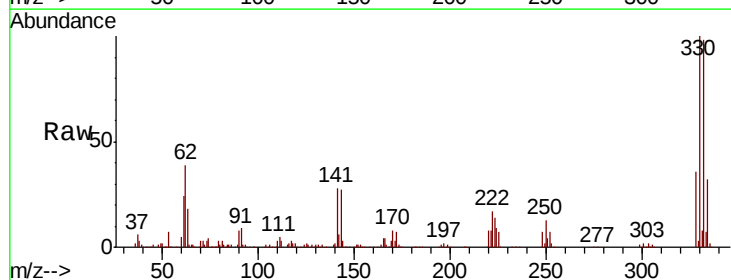
Tgt Ion:330 Resp: 745687

Ion Ratio Lower Upper

330 100

332 97.3 77.6 116.4

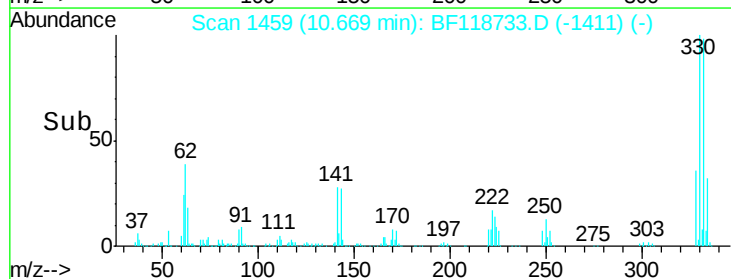
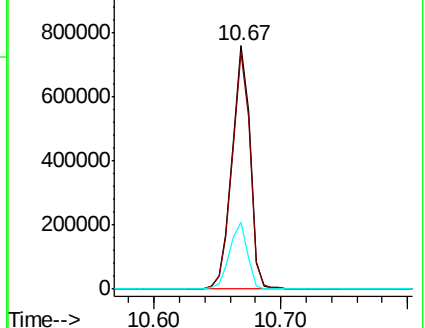
141 27.4 22.2 33.2

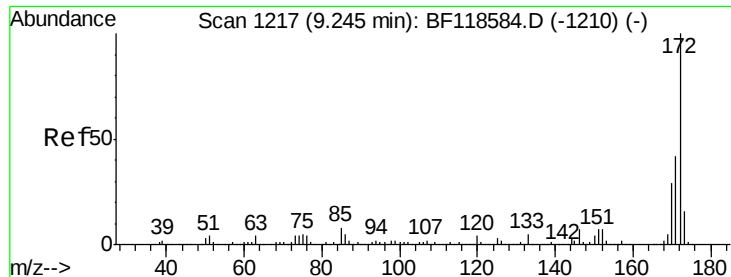


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

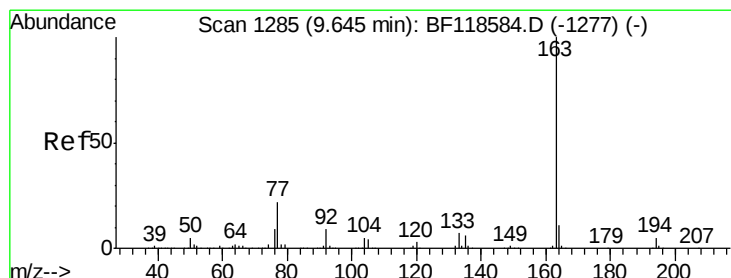
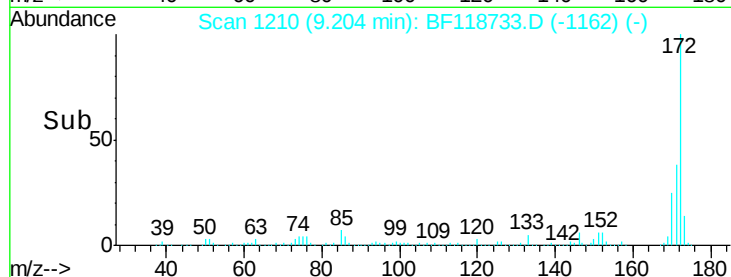
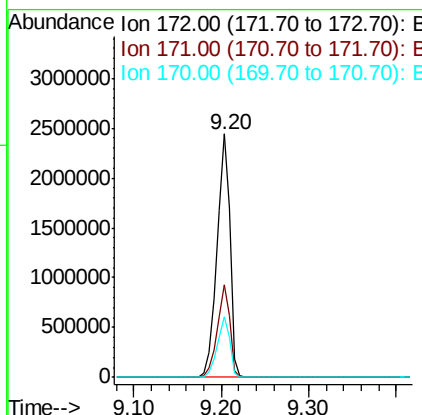
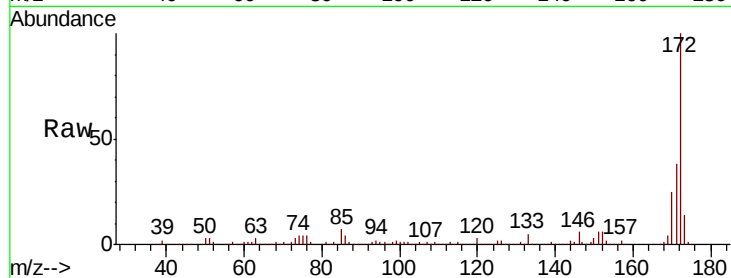




#45
2-Fluorobiphenyl
Concen: 63.728 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.02 min
Lab File: BF118733.D
Acq: 29 Jan 2020 16:04

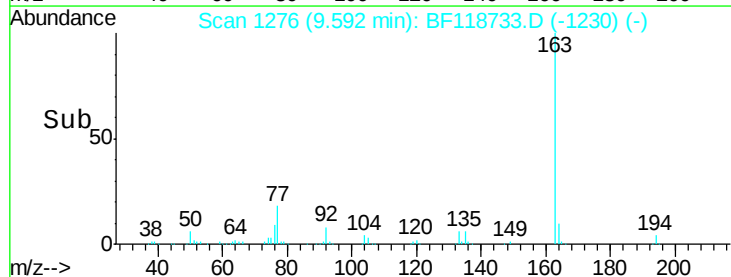
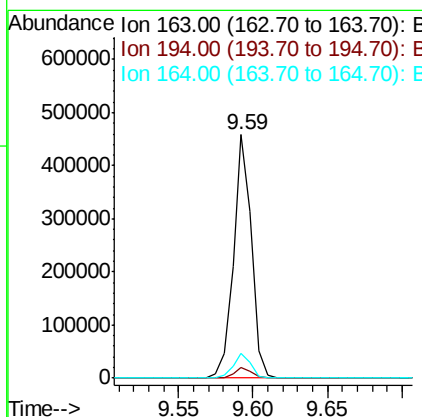
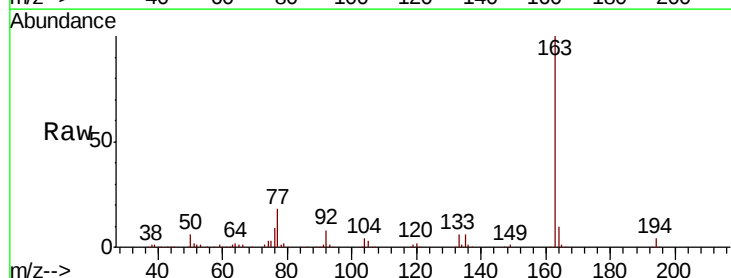
Instrument :
BNA_F
ClientSampled :

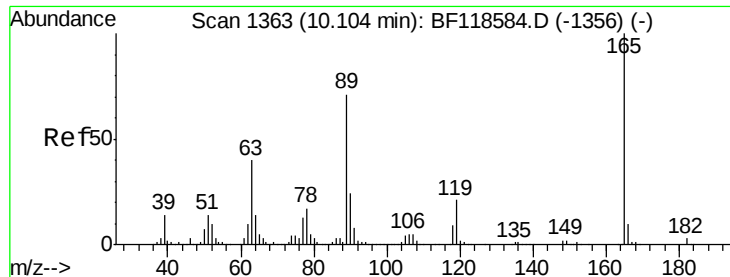
Tot Ion:172 Resp: 2513946
Ion Ratio Lower Upper
172 100
171 37.9 31.0 46.4
170 24.9 20.7 31.1



#50
Dimethylphthalate
Concen: 9.189 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.03 min
Lab File: BF118733.D
Acq: 29 Jan 2020 16:04

Tgt Ion:163 Resp: 388177
Ion Ratio Lower Upper
163 100
194 4.2 3.7 5.5
164 10.2 8.2 12.2

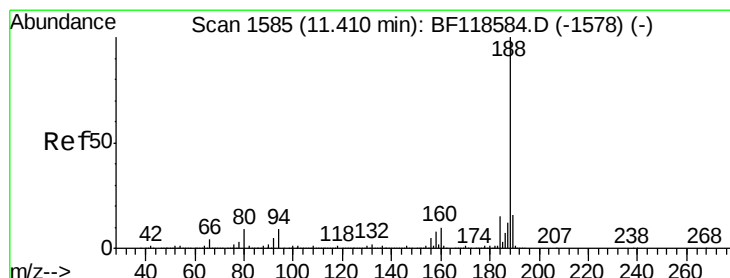
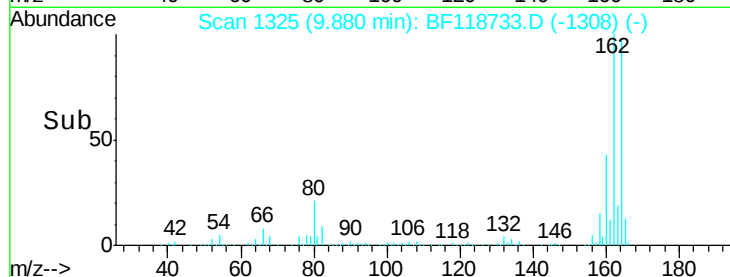
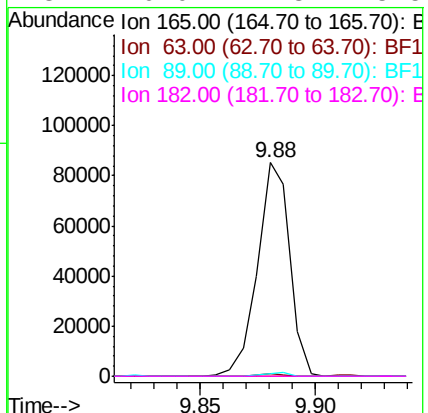
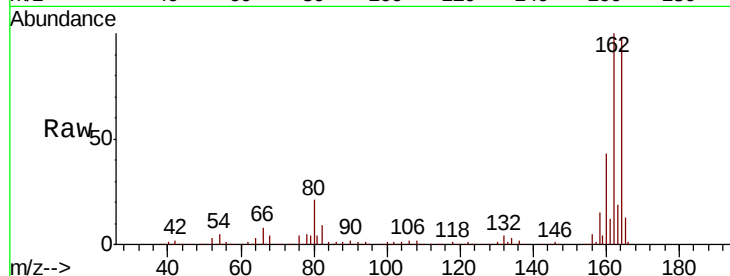




#57
 2,4-Dinitrotoluene
 Concen: 6.950 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.20 min
 Lab File: BF118733.D
 Acq: 29 Jan 2020 16:04

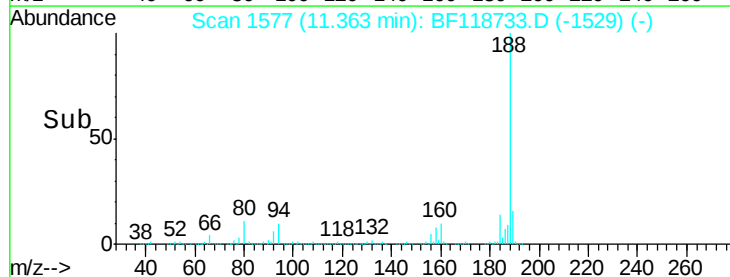
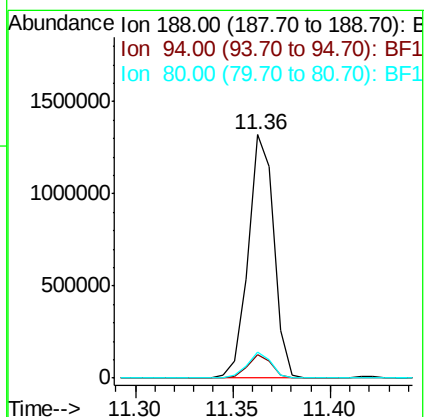
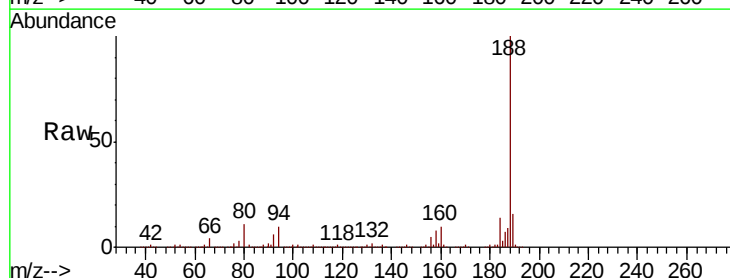
Instrument :
 BNA_F
 ClientSampleId :

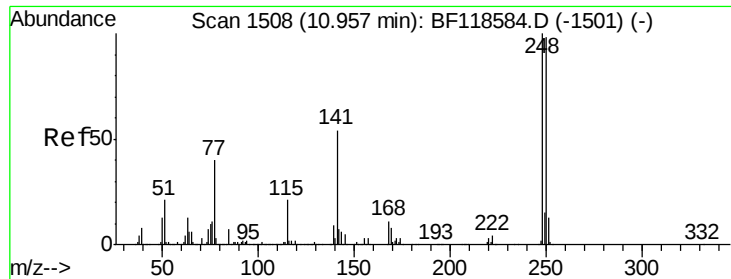
Tot Ion:165	Resp:	82881
Ion	Ratio	Lower Upper
165	100	
63	1.1	28.5 42.7#
89	1.3	50.4 75.6#
182	0.0	2.3 3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.02 min
 Lab File: BF118733.D
 Acq: 29 Jan 2020 16:04

Tgt Ion:188	Resp:	1200709
Ion	Ratio	Lower Upper
188	100	
94	9.9	7.4 11.2
80	10.7	7.8 11.8

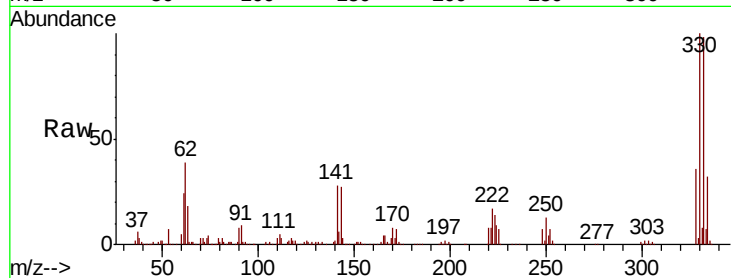




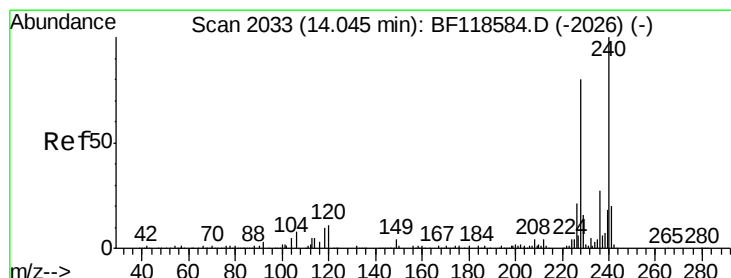
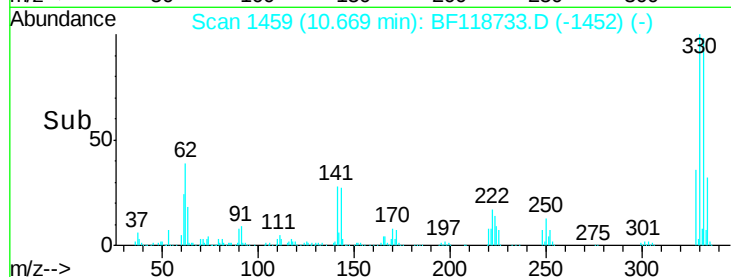
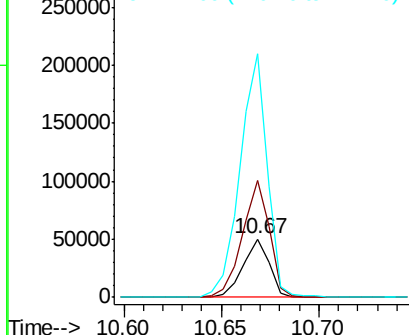
#67
4-Bromophenyl-phenylether
Concen: 3.193 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.26 min
Lab File: BF118733.D
Acq: 29 Jan 2020 16:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 47373
Ion Ratio Lower Upper
248 100
250 200.8 78.7 118.1#
141 419.4 48.4 72.6#

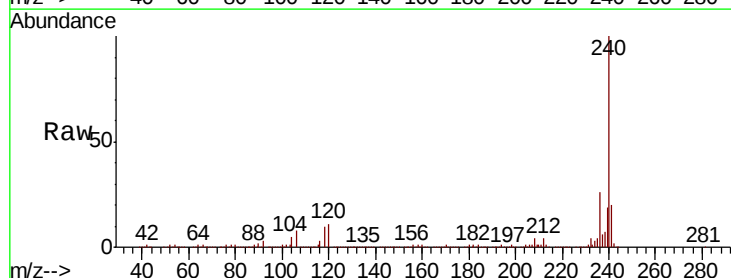


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

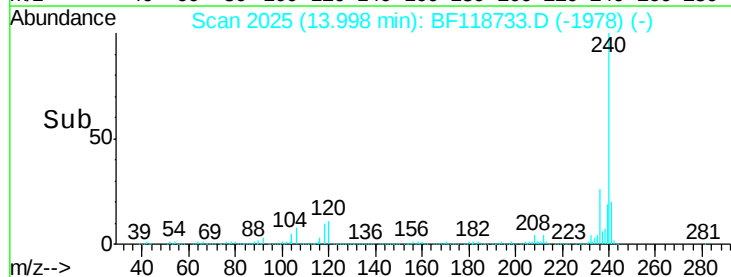
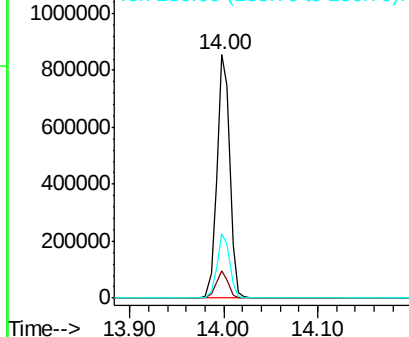


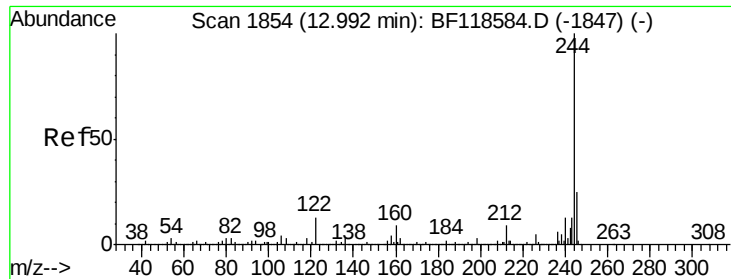
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF118733.D
Acq: 29 Jan 2020 16:04

Tgt Ion:240 Resp: 821377
Ion Ratio Lower Upper
240 100
120 11.2 7.6 11.4
236 26.4 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

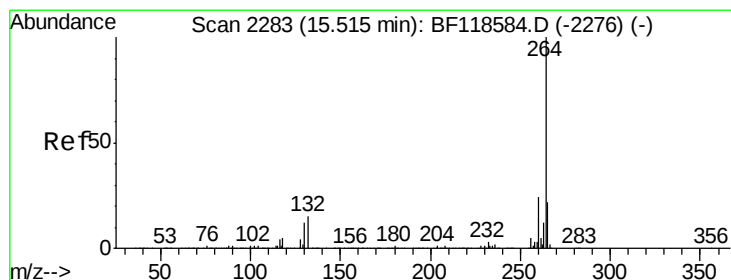
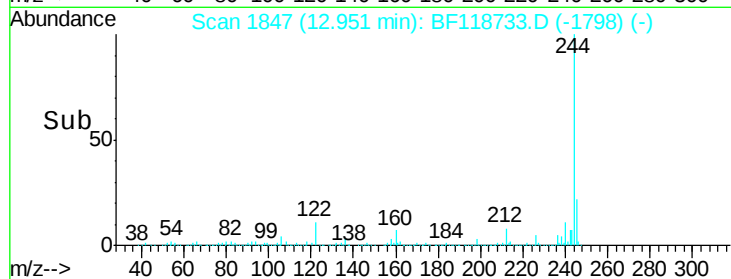
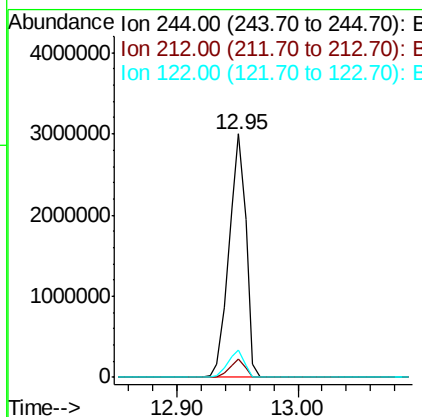
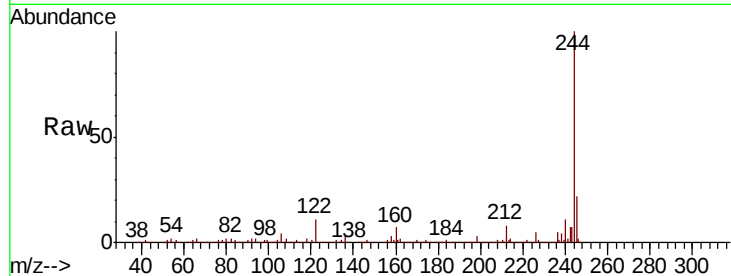




#79
 Terphenyl-d14
 Concen: 77.391 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF118733.D
 Acq: 29 Jan 2020 16:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 2914479
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.3 9.5
 122 11.0 9.2 13.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. -0.02 min
 Lab File: BF118733.D
 Acq: 29 Jan 2020 16:04

Tgt Ion:264 Resp: 756251
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 28.0
 265 21.8 17.0 25.6

