

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119401.D
 Acq On : 13 Mar 2020 1:22
 Operator : CG/JU
 Sample : L1859-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 04:26:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

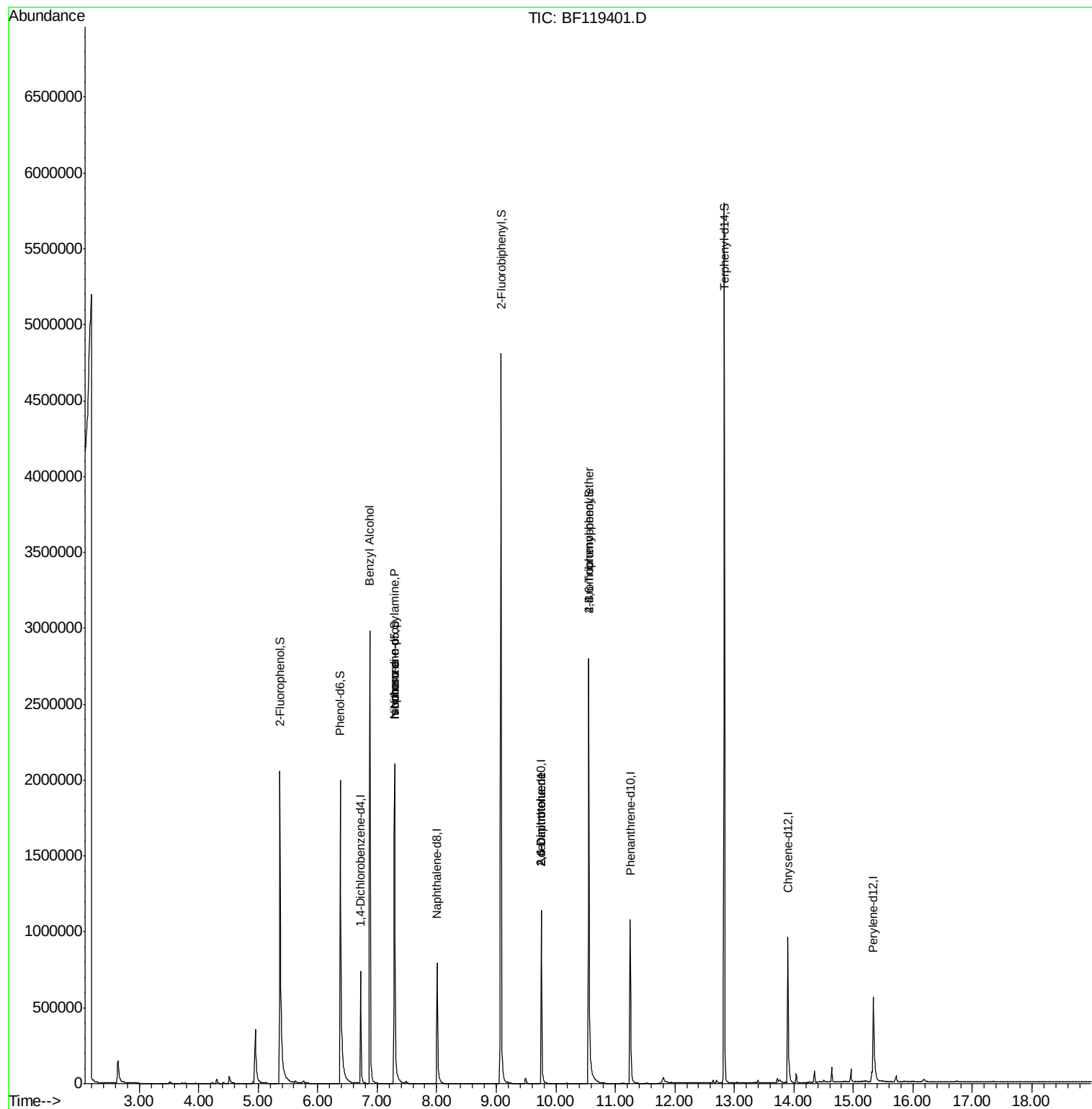
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	122164	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	473840	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	267427	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	514726	20.00	ng	0.00
76) Chrysene-d12	13.90	240	410882	20.00	ng	0.01
87) Perylene-d12	15.33	264	380210	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	946759	129.51	ng	0.02
7) Phenol-d6	6.38	99	1045998	117.66	ng	0.00
23) Nitrobenzene-d5	7.29	82	845625	94.23	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	491624	140.53	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1648850	90.83	ng	0.00
79) Terphenyl-d14	12.83	244	2190331	91.78	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.87	79	14137	2.200	ng	# 54
19) n-Nitroso-di-n-propylamine	7.29	70	118813	22.935	ng	# 75
25) Isophorone	7.29	82	845625	54.257	ng	# 63
51) 2,6-Dinitrotoluene	9.76	165	33135	7.293	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	33130	5.626	ng	# 21
67) 4-Bromophenyl-phenylether	10.55	248	32526	4.834	ng	# 1

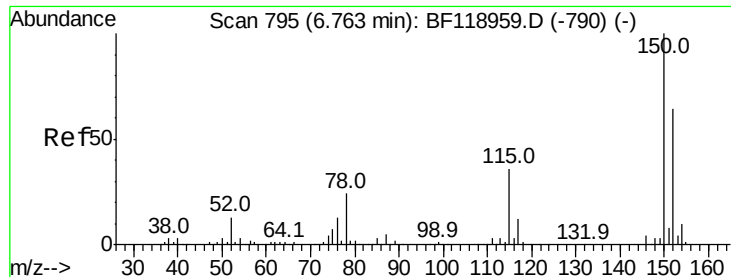
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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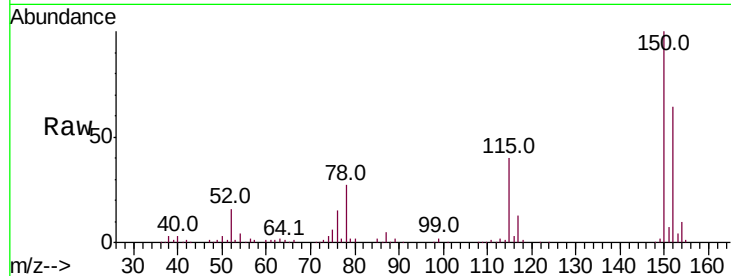


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119401.D
Acq: 13 Mar 2020 1:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	123.0	184.6
115	62.1	49.5	74.3

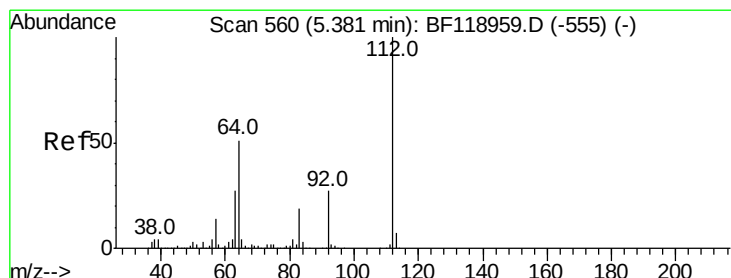
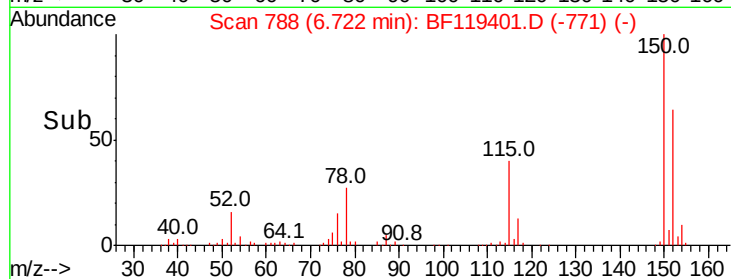
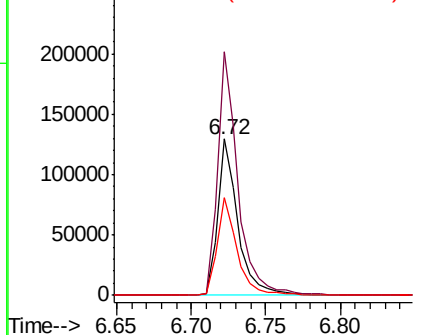


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

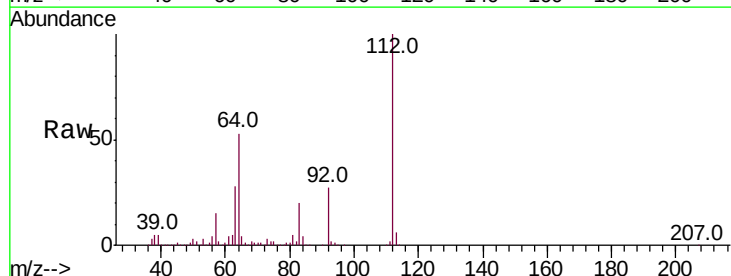
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 129.515 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF119401.D
Acq: 13 Mar 2020 1:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.3	45.0	67.4
63	28.3	24.2	36.4

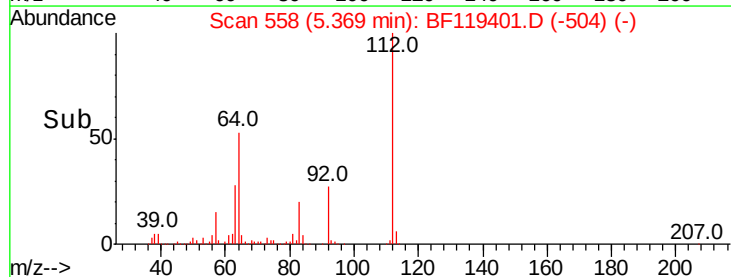
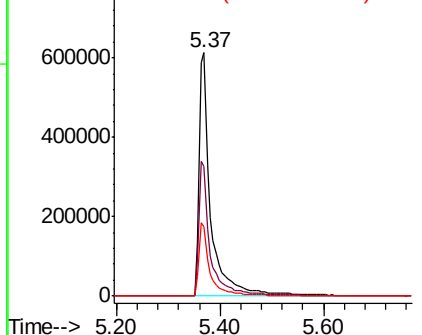


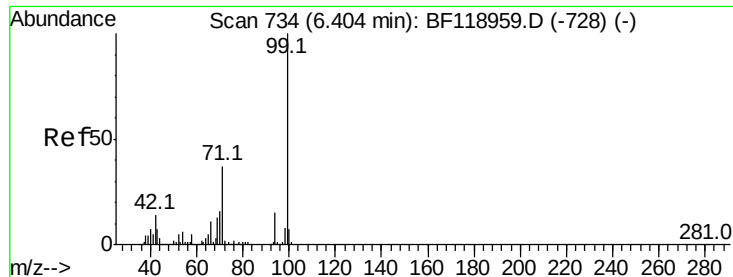
Abundance

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: 117.655 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119401.D

Acq: 13 Mar 2020 1:22

Instrument :

BNA_F

ClientSampleId :

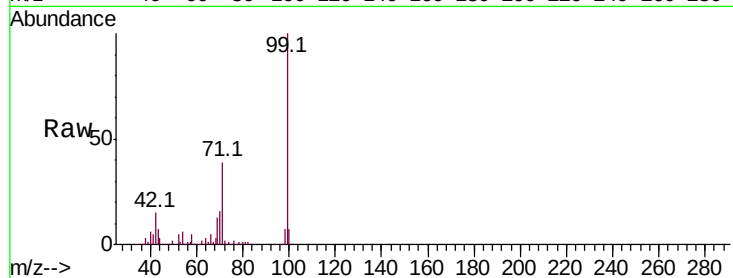
Tot Ion: 99 Resp: 1045998

Ion Ratio Lower Upper

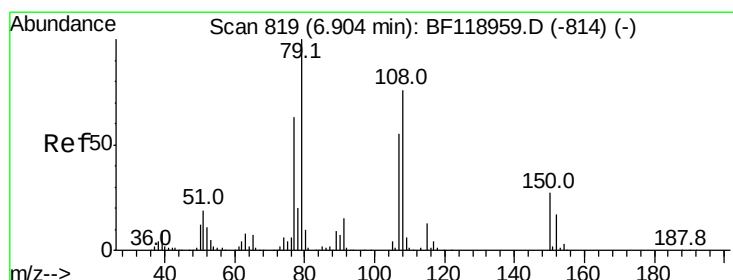
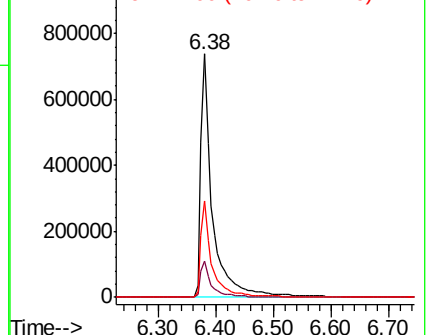
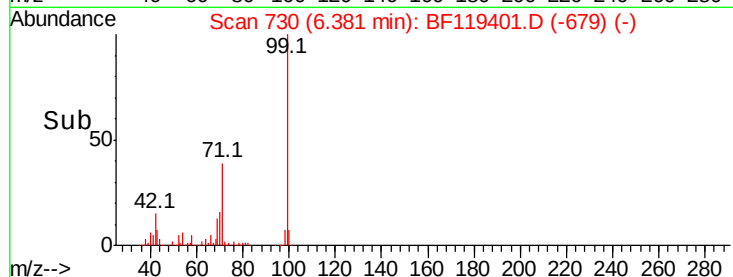
99 100

42 14.9 12.6 18.8

71 39.4 31.0 46.4



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



#15

Benzyl Alcohol

Concen: 2.200 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF119401.D

Acq: 13 Mar 2020 1:22

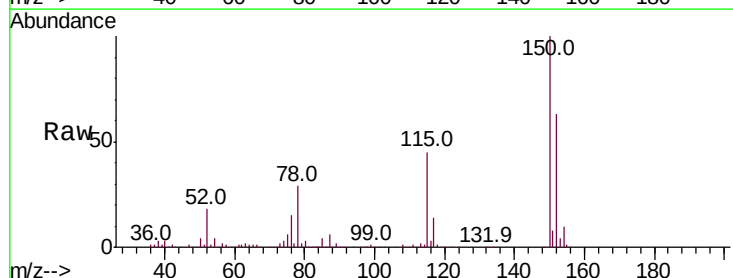
Tgt Ion: 79 Resp: 14137

Ion Ratio Lower Upper

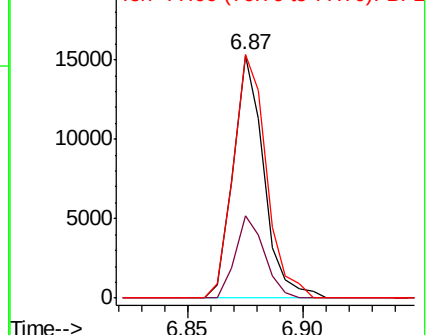
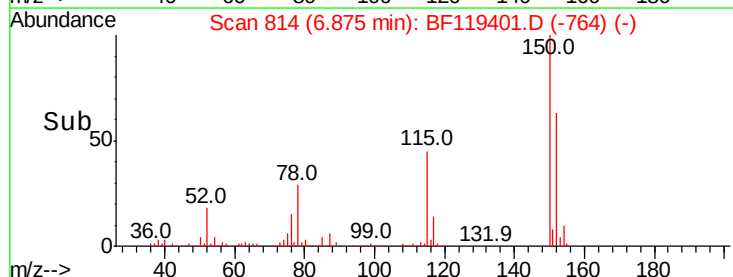
79 100

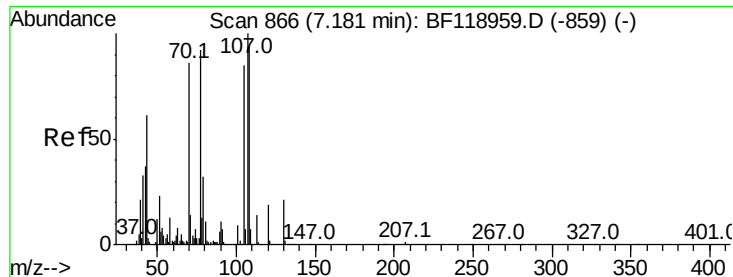
108 34.0 58.2 87.2#

77 100.2 51.2 76.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1

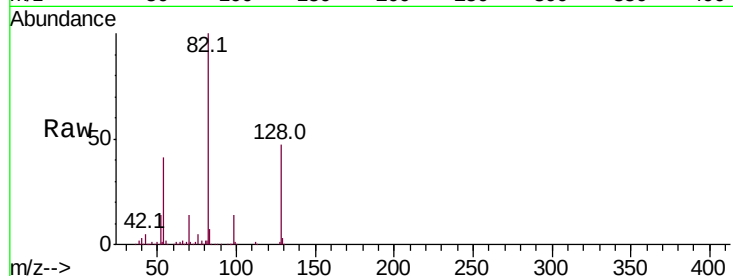




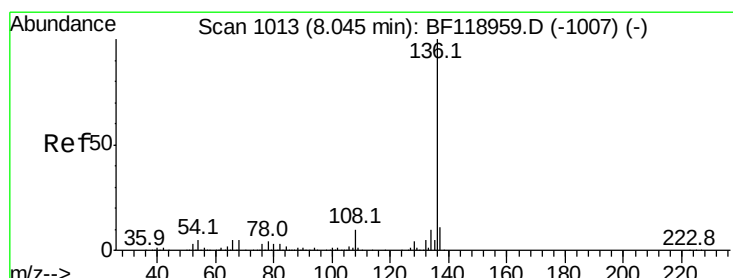
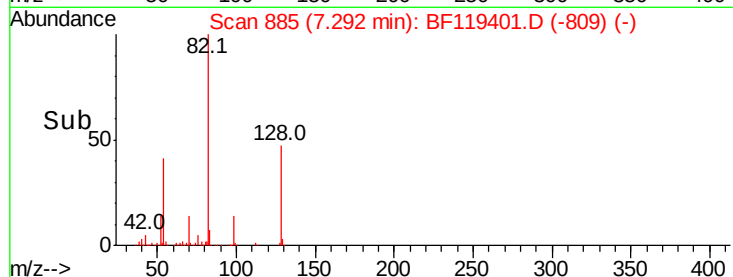
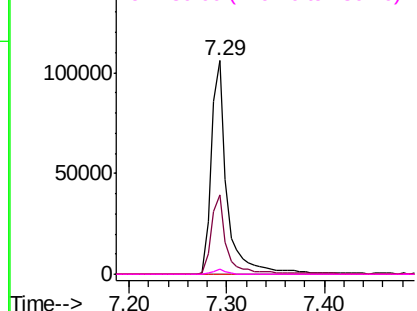
#19
n-Nitroso-di-n-propylamine
Concen: 22.935 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.15 min
Lab File: BF119401.D
Acq: 13 Mar 2020 1:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 118813
Ion Ratio Lower Upper
70 100
42 36.9 38.0 57.0#
101 0.0 8.2 12.4#
130 2.2 18.2 27.4#

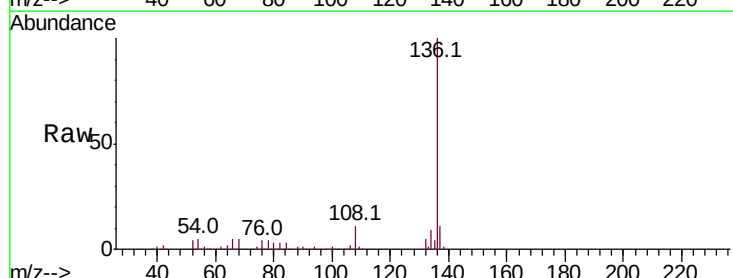


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

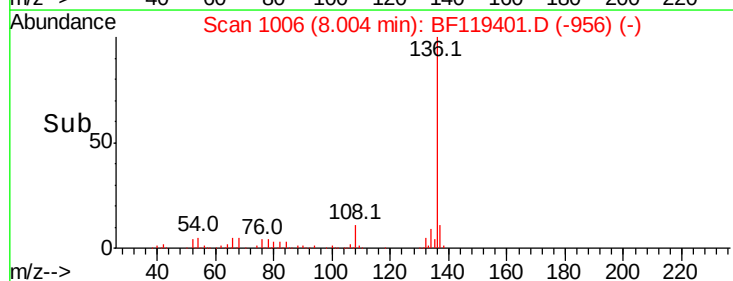
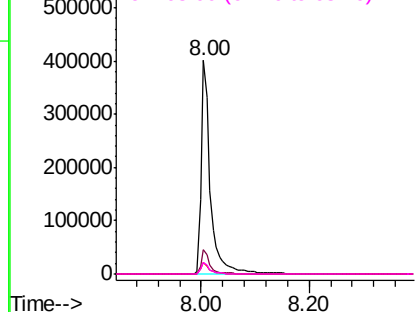


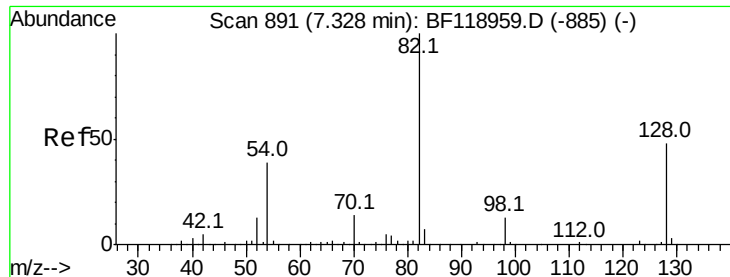
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119401.D
Acq: 13 Mar 2020 1:22

Tgt Ion: 136 Resp: 473840
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 5.4 3.8 5.6
68 5.4 3.9 5.9



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

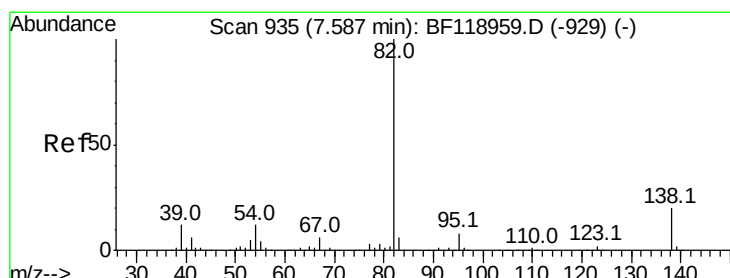
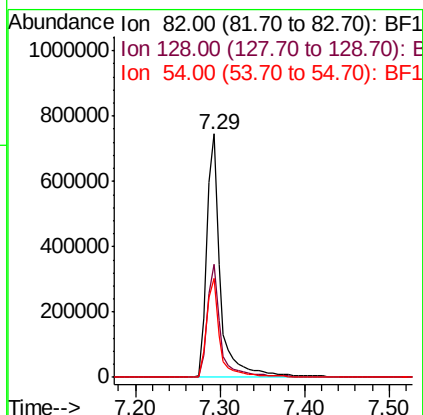
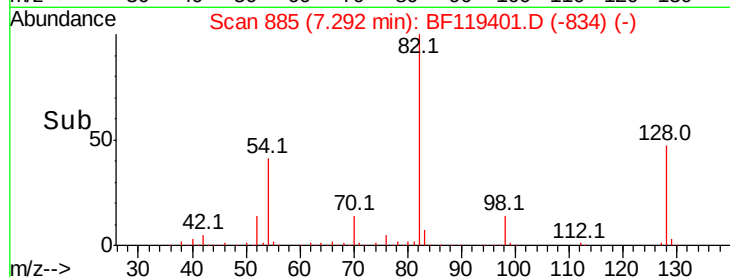
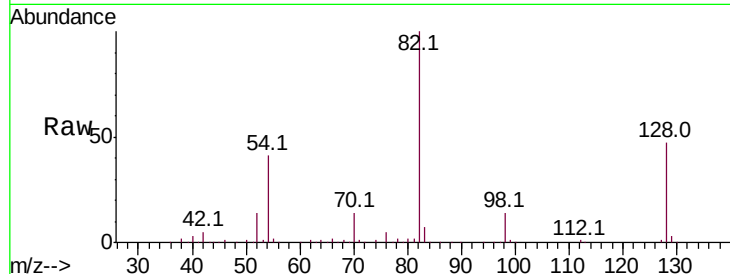




#23
 Nitrobenzene-d5
 Concen: 94.228 ng
 RT: 7.29 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BF119401.D
 Acq: 13 Mar 2020 1:22

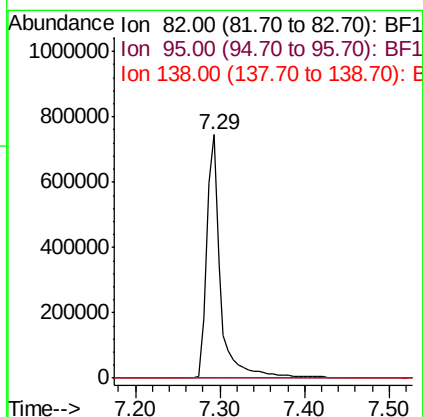
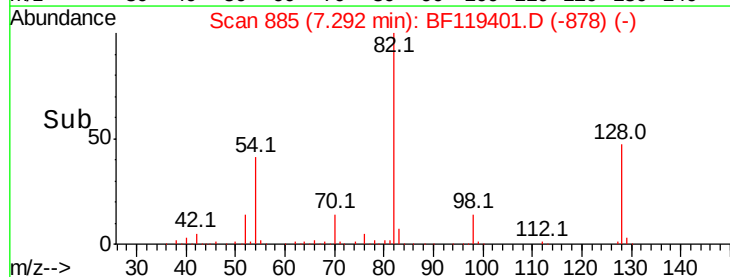
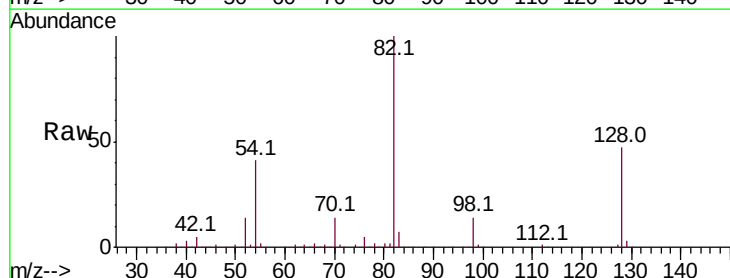
Instrument :
 BNA_F
 ClientSampleId :

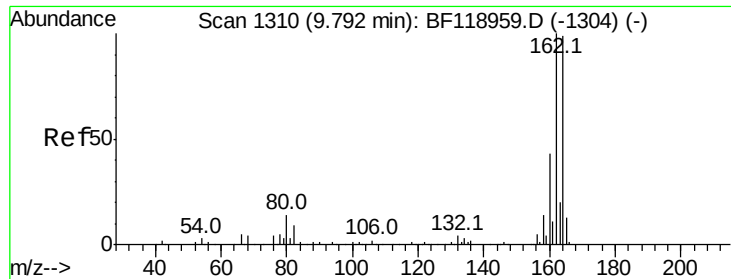
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.6	37.9	56.9
54	40.6	33.4	50.2



#25
 Isophorone
 Concen: 54.257 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.26 min
 Lab File: BF119401.D
 Acq: 13 Mar 2020 1:22

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.4	9.6#
138	0.0	15.7	23.5#

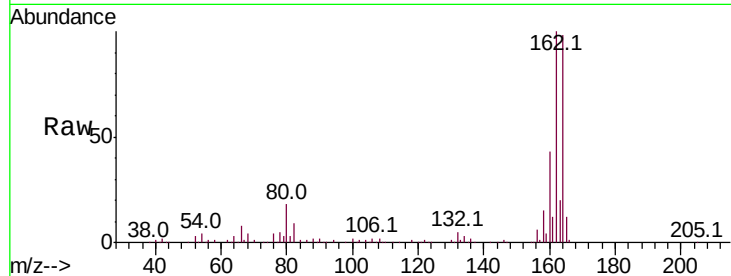




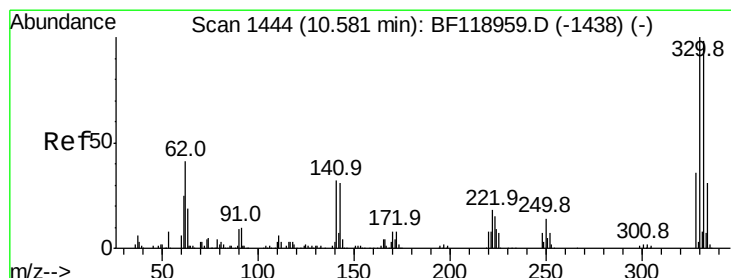
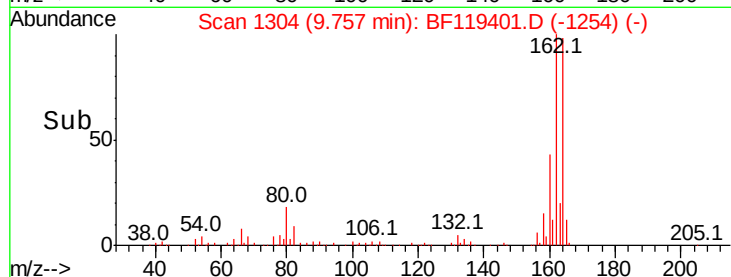
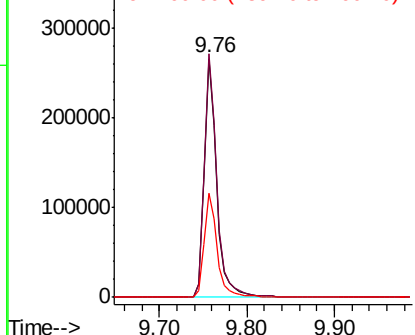
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF119401.D
 Acq: 13 Mar 2020 1:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 267427
 Ion Ratio Lower Upper
 164 100
 162 102.0 81.8 122.8
 160 43.8 36.0 54.0

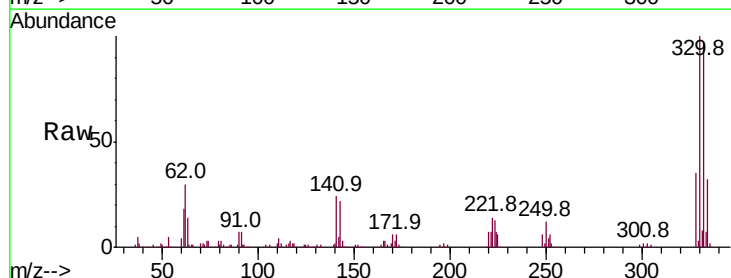


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

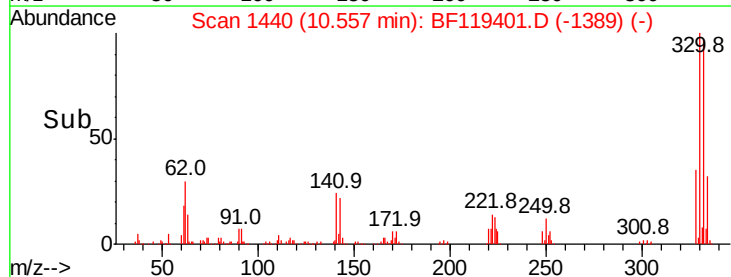
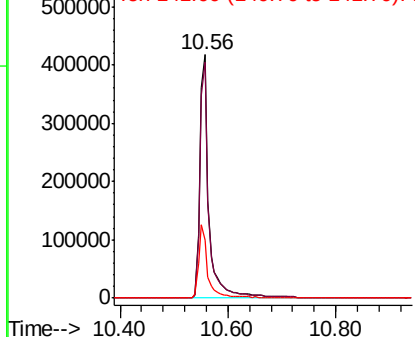


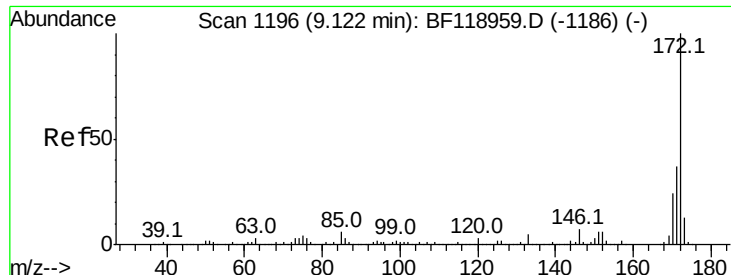
#42
 2,4,6-Tribromophenol
 Concen: 140.528 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF119401.D
 Acq: 13 Mar 2020 1:22

Tgt Ion:330 Resp: 491624
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.0 114.0
 141 30.4 22.9 34.3



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



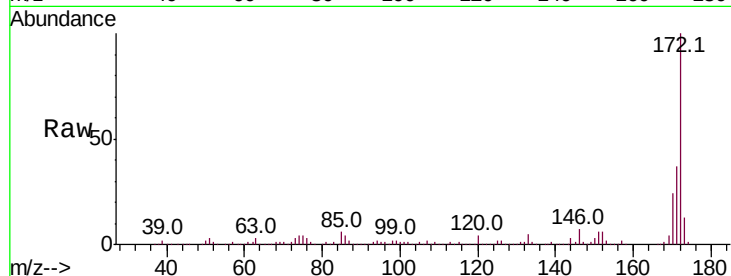


#45
 2-Fluorobiphenyl
 Concen: 90.830 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119401.D
 Acq: 13 Mar 2020 1:22

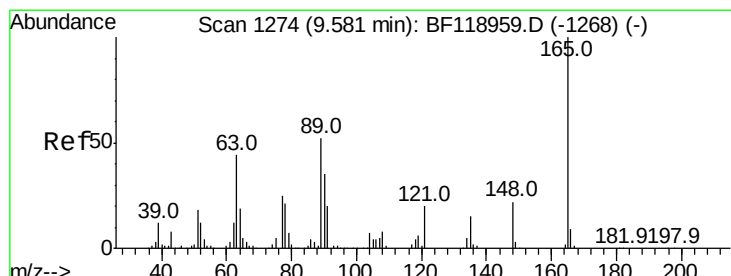
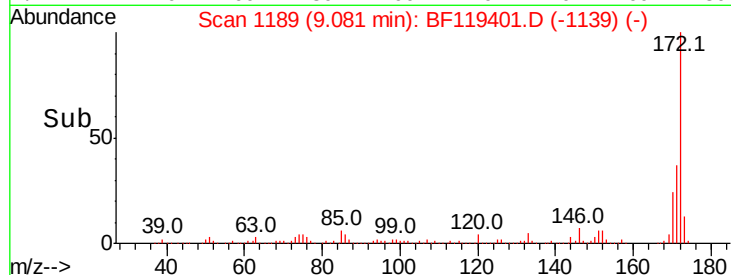
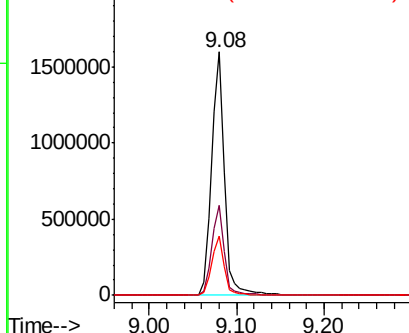
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1648850

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.6	45.8
170	24.3	20.2	30.2



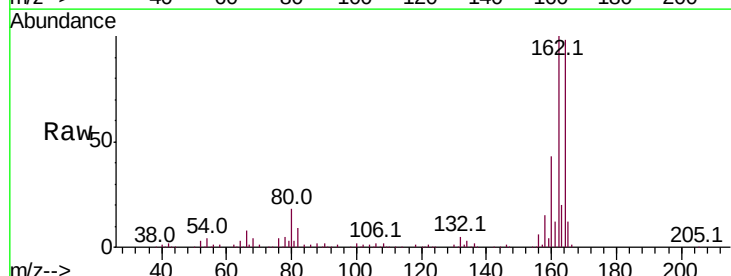
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



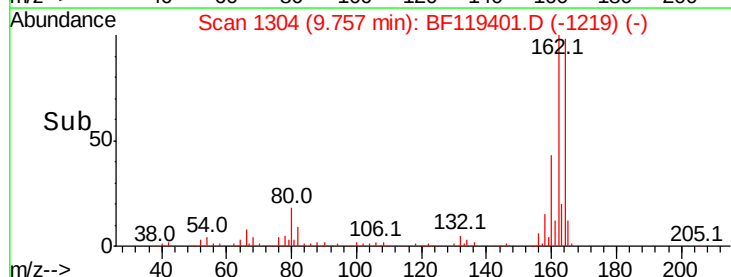
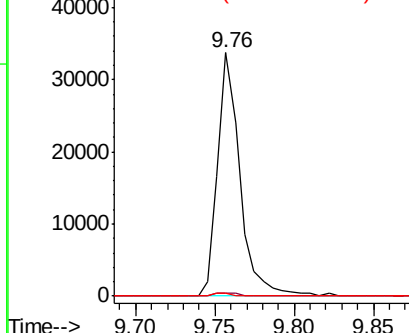
#51
 2,6-Dinitrotoluene
 Concen: 7.293 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.20 min
 Lab File: BF119401.D
 Acq: 13 Mar 2020 1:22

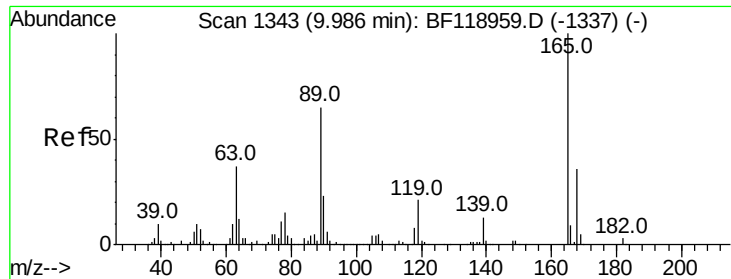
Tgt Ion:165 Resp: 33135

Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.3	51.5#
89	1.5	38.3	57.5#



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

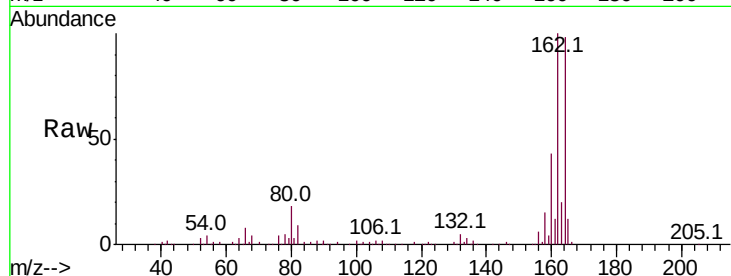




#57
 2,4-Dinitrotoluene
 Concen: 5.626 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.21 min
 Lab File: BF119401.D
 Acq: 13 Mar 2020 1:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	42.3	63.5#
89	1.5	60.2	90.4#
182	0.0	2.3	3.5#

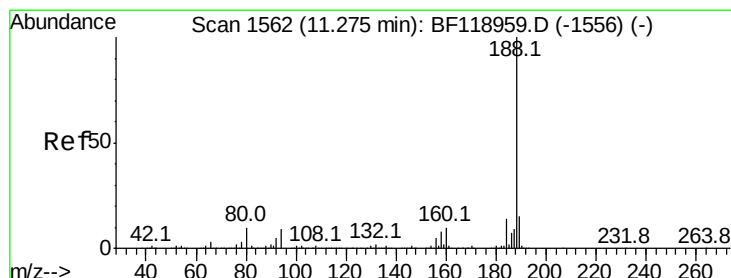
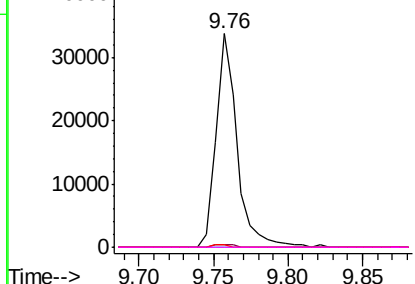
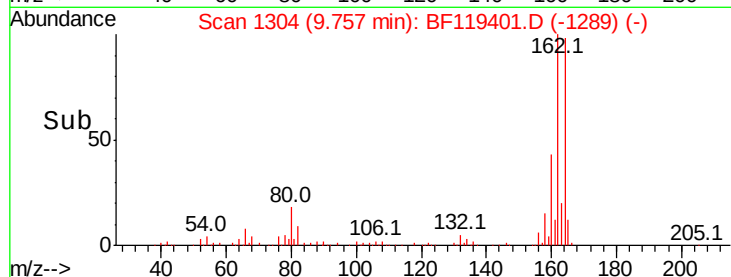


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

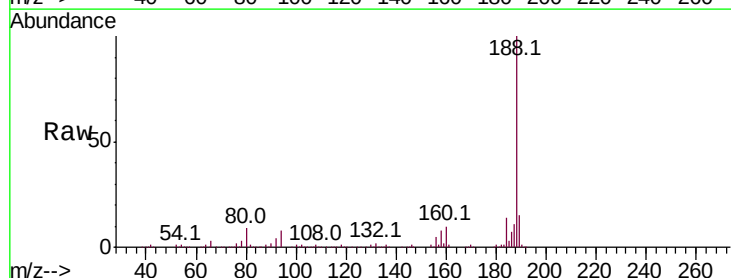
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. 0.01 min
 Lab File: BF119401.D
 Acq: 13 Mar 2020 1:22

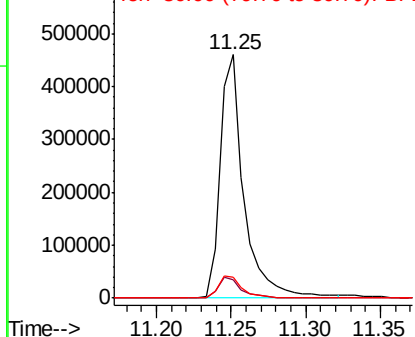
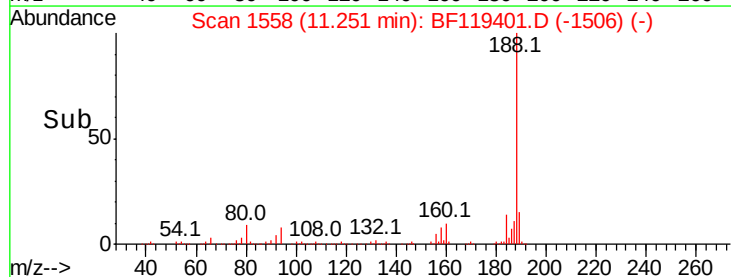
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	7.1	10.7
80	8.6	7.8	11.8

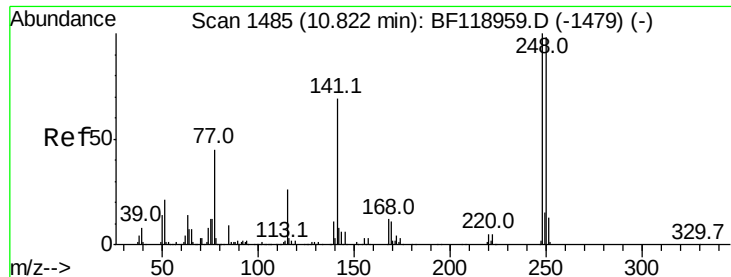


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

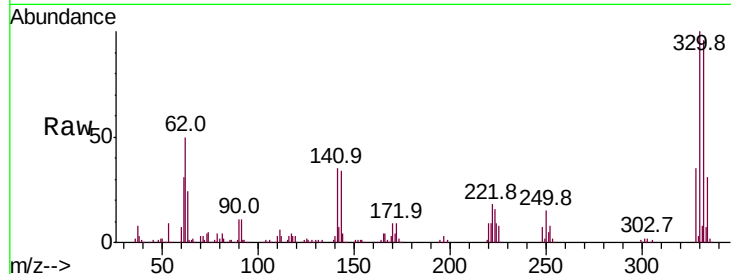




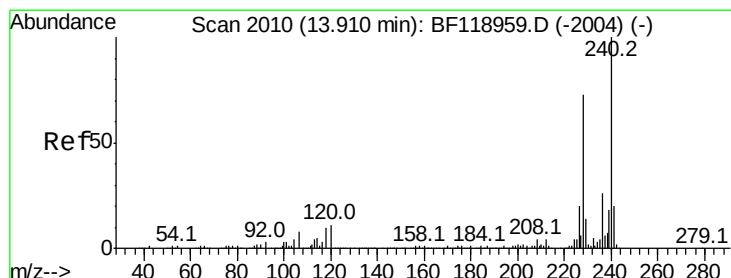
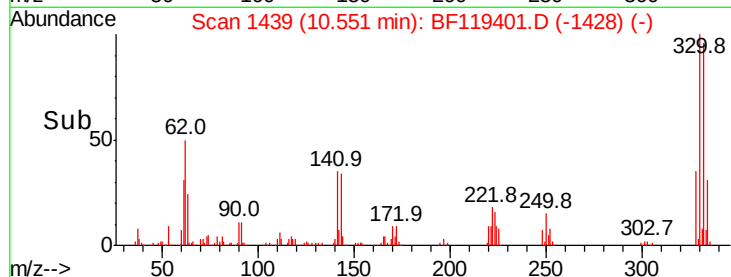
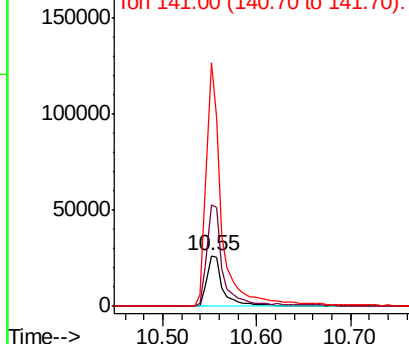
#67
4-Bromophenyl-phenylether
Concen: 4.834 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF119401.D
Acq: 13 Mar 2020 1:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 32526
Ion Ratio Lower Upper
248 100
250 199.2 76.7 115.1#
141 478.0 60.7 91.1#

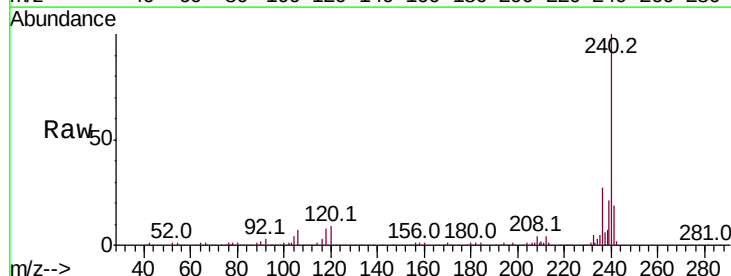


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

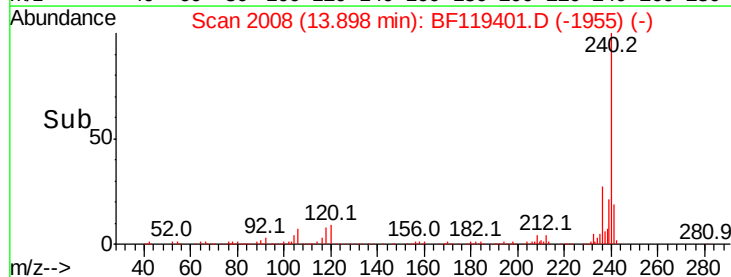
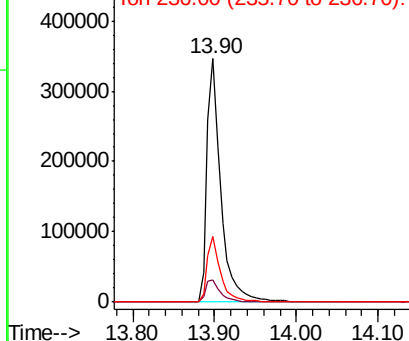


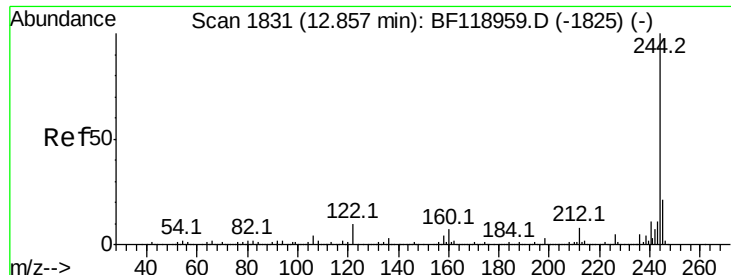
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF119401.D
Acq: 13 Mar 2020 1:22

Tgt Ion:240 Resp: 410882
Ion Ratio Lower Upper
240 100
120 9.0 8.4 12.6
236 26.8 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: 91.779 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF119401.D

Acq: 13 Mar 2020 1:22

Instrument :

BNA_F

ClientSampleId :

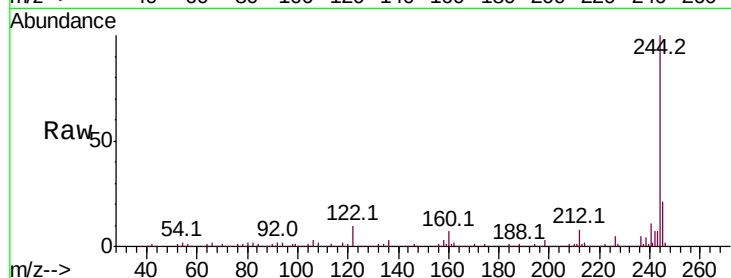
Tot Ion:244 Resp: 2190331

Ion Ratio Lower Upper

244 100

212 7.7 6.6 10.0

122 9.7 8.2 12.2

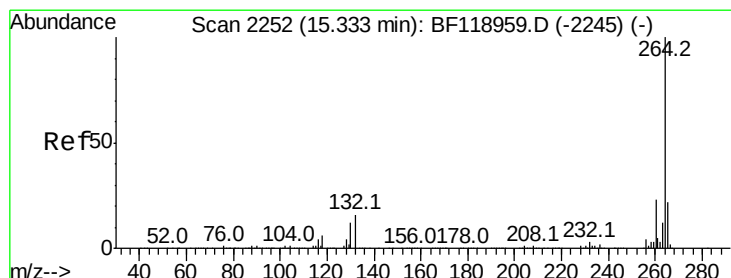
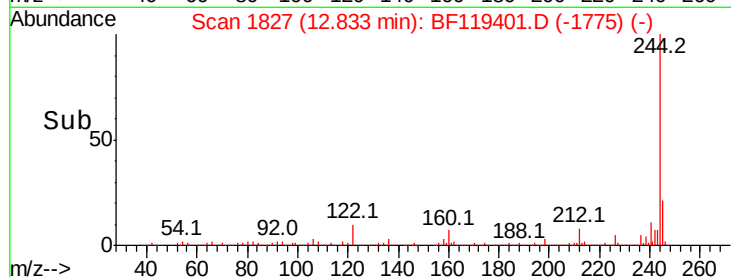
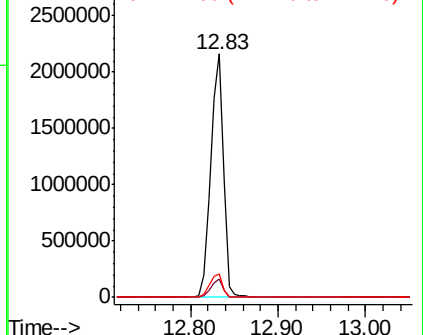


Abundance

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: 15.33 min Scan# 2252

Delta R.T. 0.02 min

Lab File: BF119401.D

Acq: 13 Mar 2020 1:22

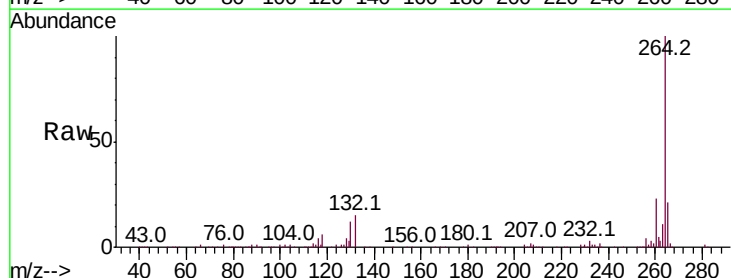
Tgt Ion:264 Resp: 380210

Ion Ratio Lower Upper

264 100

260 23.1 19.4 29.2

265 21.2 17.7 26.5



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

