

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119374.D
 Acq On : 12 Mar 2020 11:24
 Operator : CG/JU
 Sample : L1759-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 01:43:24 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

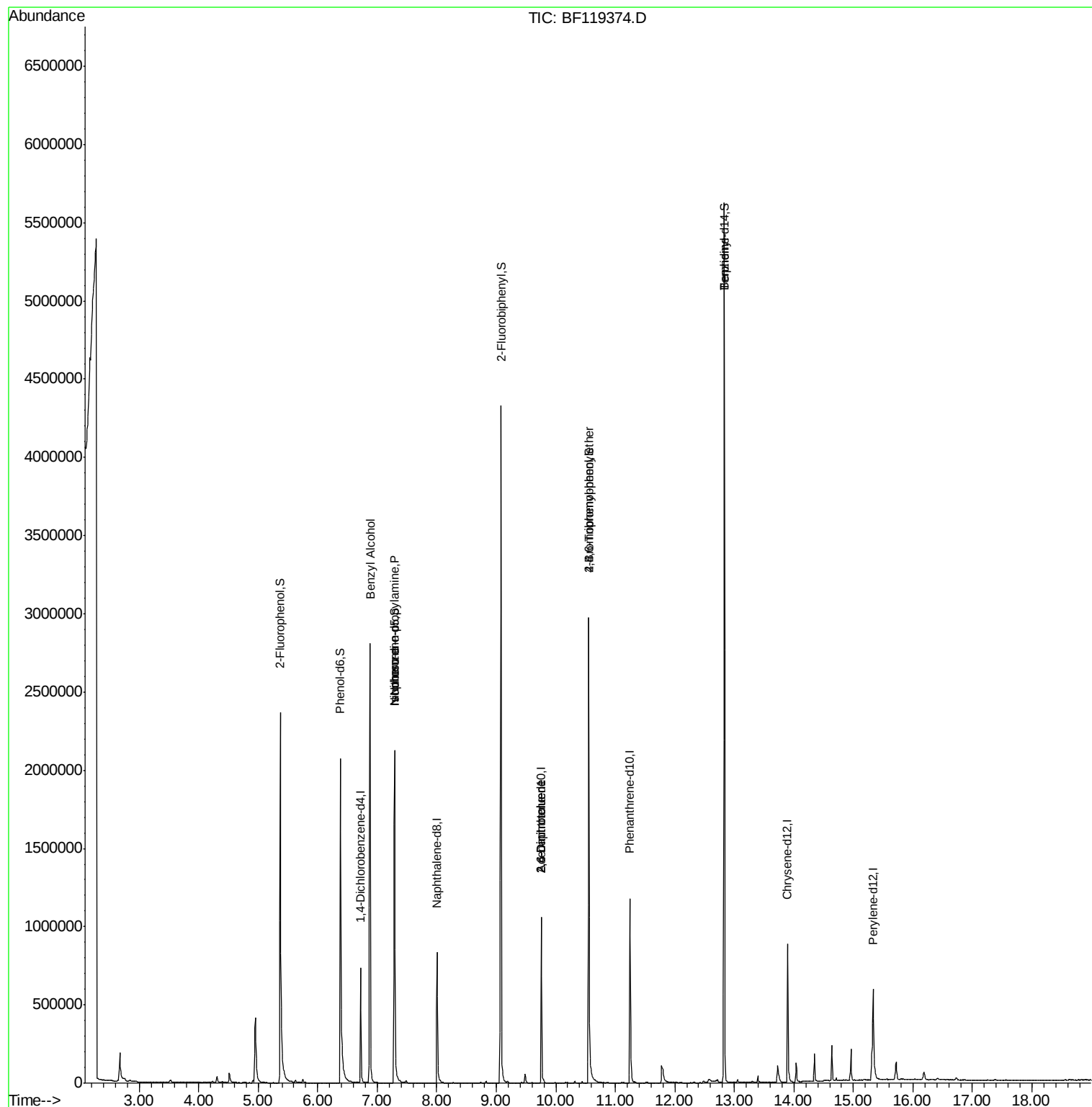
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	117748	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	450182	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	226248	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	493625	20.00	ng	0.00
76) Chrysene-d12	13.89	240	355996	20.00	ng	0.00
87) Perylene-d12	15.33	264	349834	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	890810	126.43	ng	0.02
7) Phenol-d6	6.38	99	990362	115.57	ng	0.00
23) Nitrobenzene-d5	7.29	82	817085	95.83	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	478040	161.52	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1434701	93.42	ng	0.00
79) Terphenyl-d14	12.83	244	2093398	101.24	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.87	79	13991	2.259	ng	# 53
19) n-Nitroso-di-n-propylamine	7.29	70	113157	22.662	ng	# 75
25) Isophorone	7.29	82	817085	55.181	ng	# 63
51) 2,6-Dinitrotoluene	9.76	165	28890	7.516	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	28890	5.799	ng	# 21
67) 4-Bromophenyl-phenylether	10.56	248	30906	4.790	ng	# 1
77) Benzidine	12.83	184	29094	2.010	ng	# 92

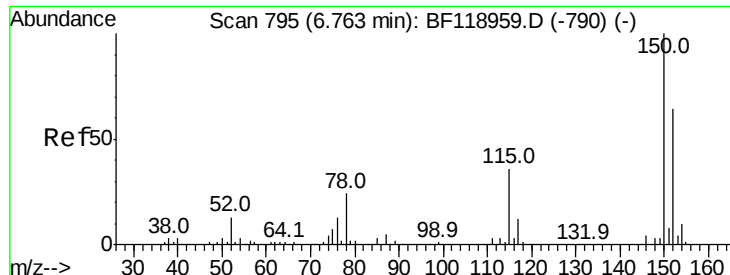
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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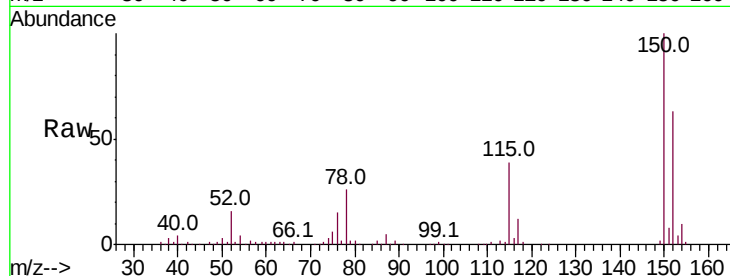


#1

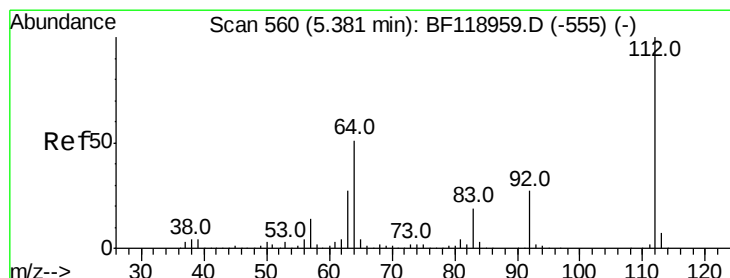
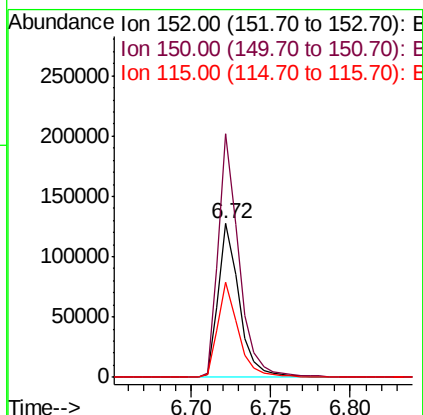
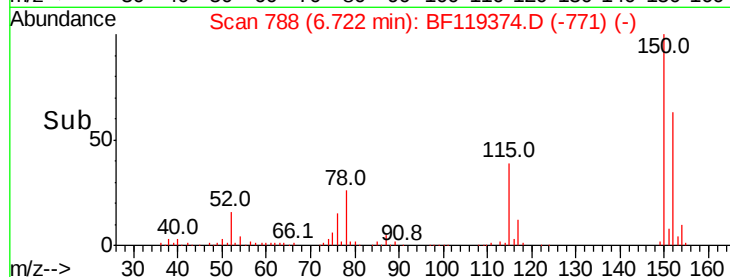
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119374.D
Acq: 12 Mar 2020 11:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 117748
Ion Ratio Lower Upper
152 100
150 158.5 123.0 184.6
115 62.0 49.5 74.3



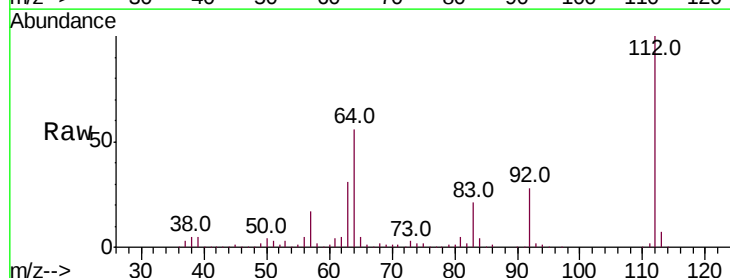
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



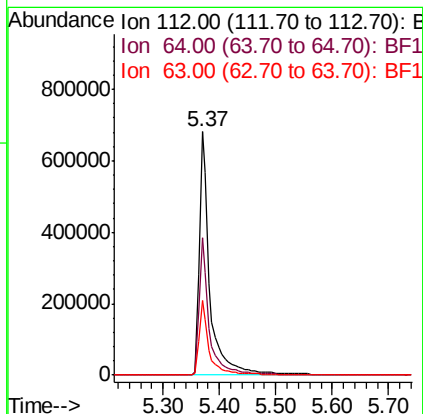
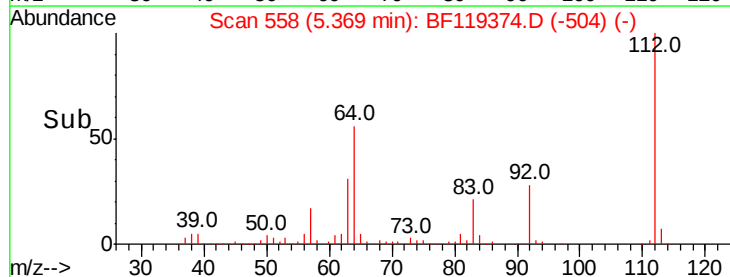
#5

2-Fluorophenol
Concen: 126.431 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF119374.D
Acq: 12 Mar 2020 11:24

Tgt Ion:112 Resp: 890810
Ion Ratio Lower Upper
112 100
64 56.2 45.0 67.4
63 30.9 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: 115.575 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119374.D

Acq: 12 Mar 2020 11:24

Instrument :

BNA_F

ClientSampleId :

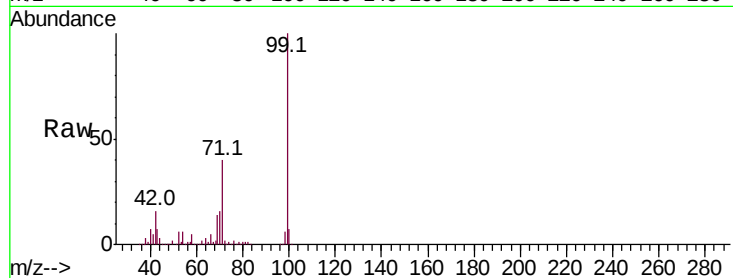
Tot Ion: 99 Resp: 990362

Ion Ratio Lower Upper

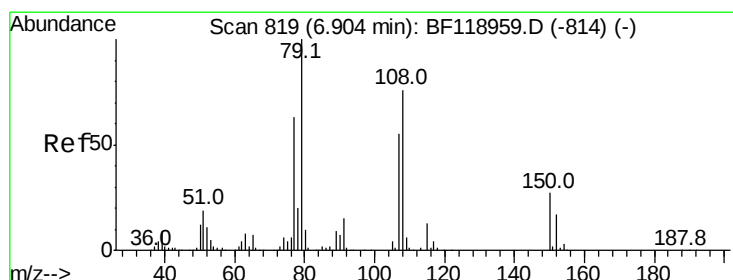
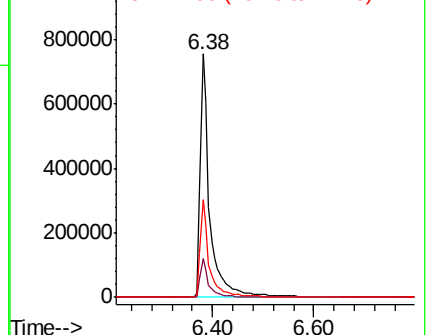
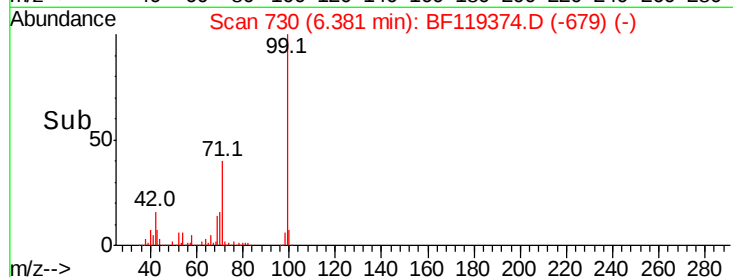
99 100

42 15.9 12.6 18.8

71 40.1 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: 2.259 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF119374.D

Acq: 12 Mar 2020 11:24

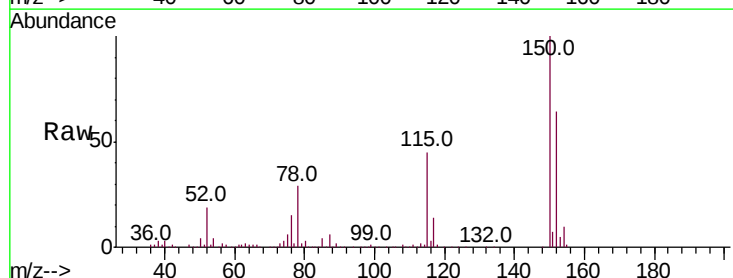
Tgt Ion: 79 Resp: 13991

Ion Ratio Lower Upper

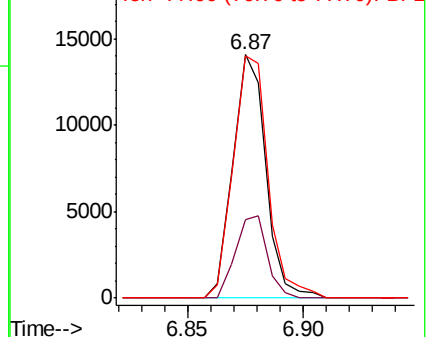
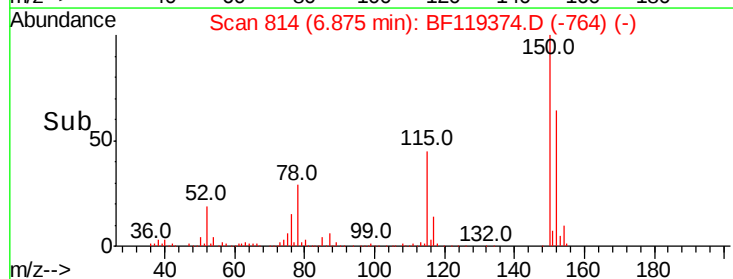
79 100

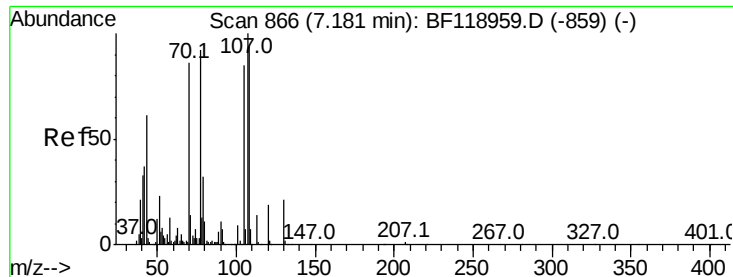
108 32.2 58.2 87.2#

77 99.4 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

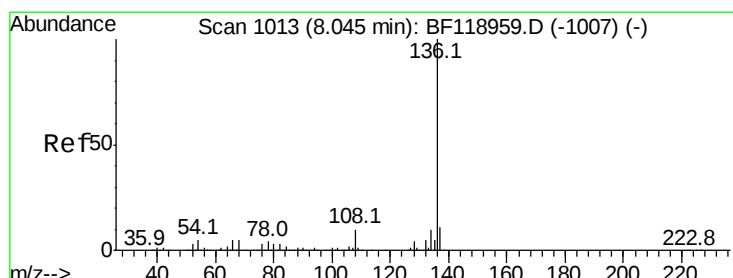
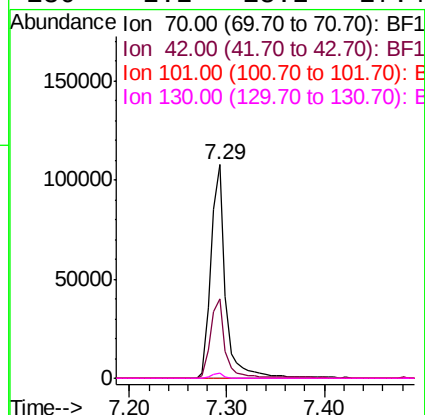
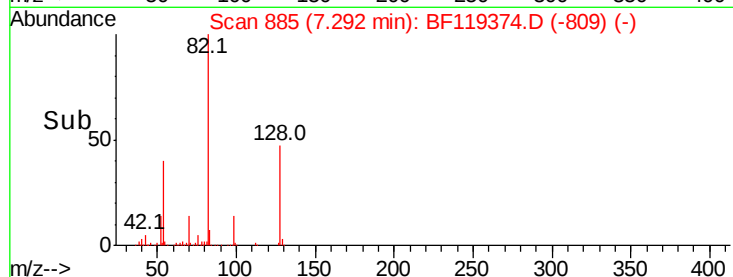
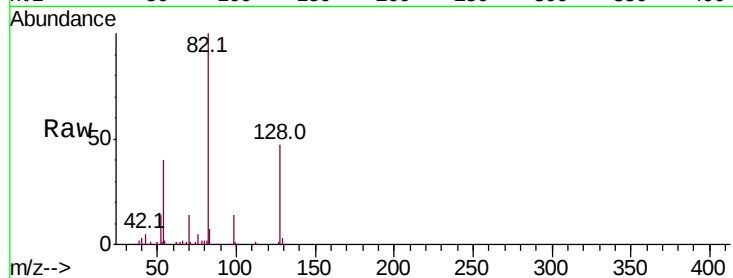




#19
n-Nitroso-di-n-propylamine
Concen: 22.662 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.15 min
Lab File: BF119374.D
Acq: 12 Mar 2020 11:24

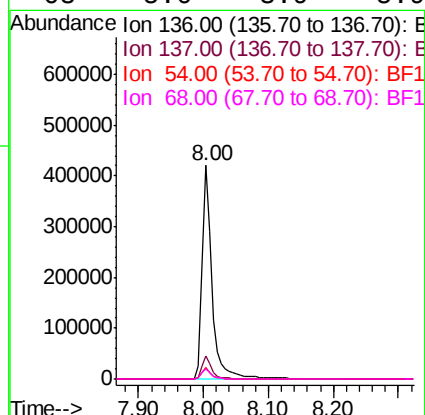
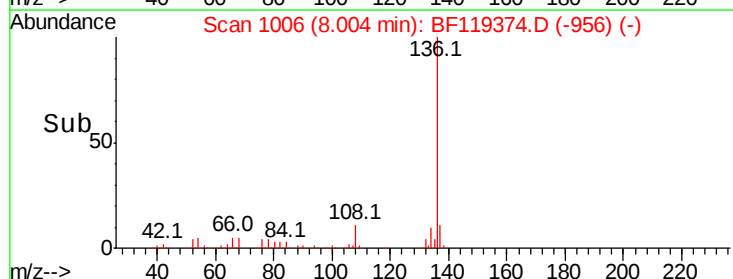
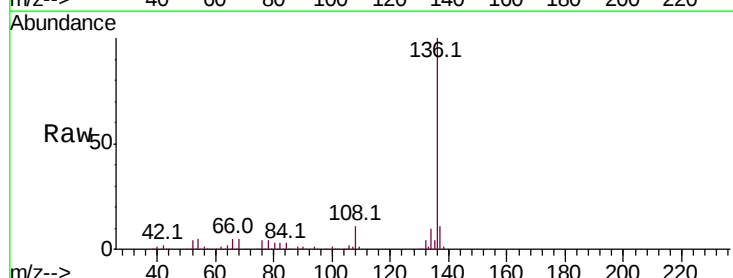
Instrument :
BNA_F
ClientSampleId :

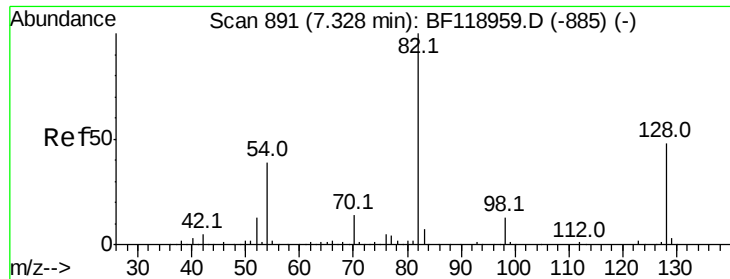
Tot Ion: 70 Resp: 113157
Ion Ratio Lower Upper
70 100
42 37.0 38.0 57.0#
101 0.0 8.2 12.4#
130 2.2 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119374.D
Acq: 12 Mar 2020 11:24

Tgt Ion: 136 Resp: 450182
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 5.1 3.8 5.6
68 5.0 3.9 5.9

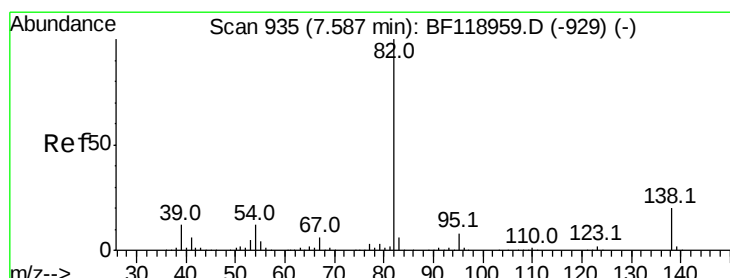
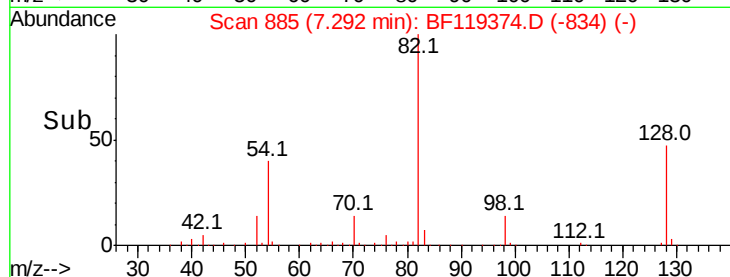
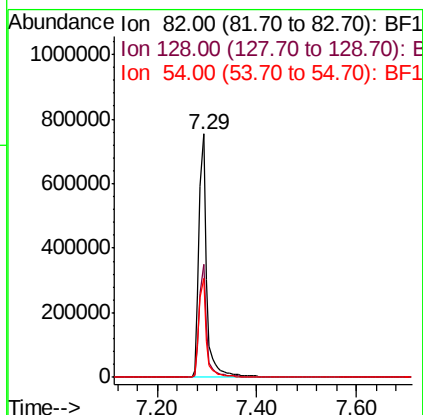
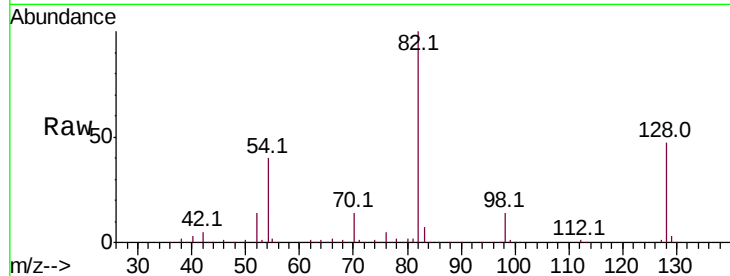




#23
 Nitrobenzene-d5
 Concen: 95.833 ng
 RT: 7.29 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BF119374.D
 Acq: 12 Mar 2020 11:24

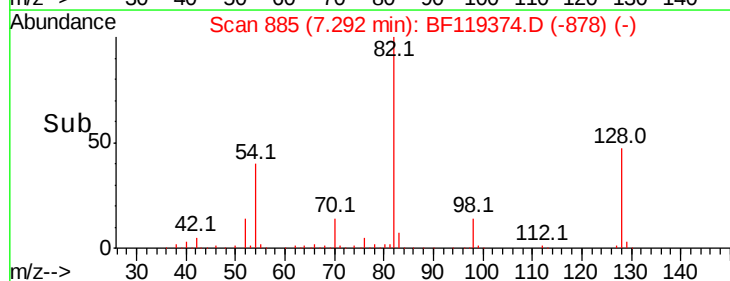
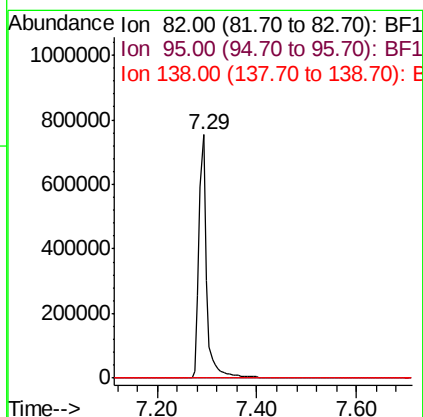
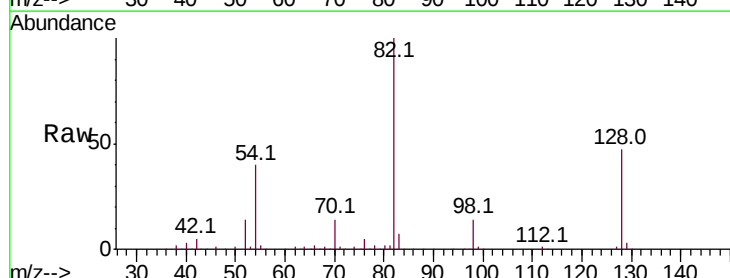
Instrument :
 BNA_F
 ClientSampleId :

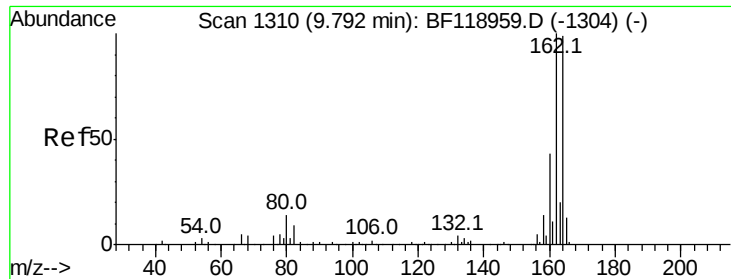
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	37.9	56.9
54	40.4	33.4	50.2



#25
 Isophorone
 Concen: 55.181 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.26 min
 Lab File: BF119374.D
 Acq: 12 Mar 2020 11:24

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

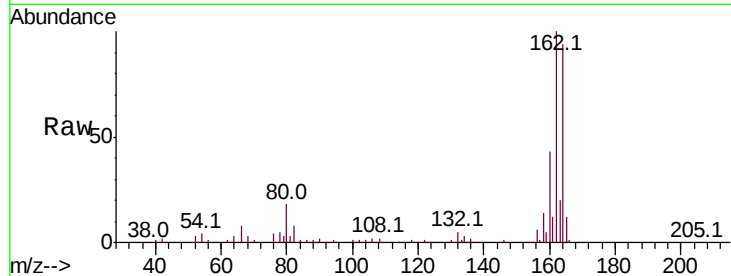




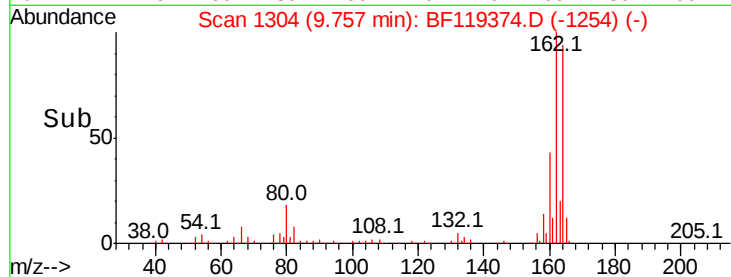
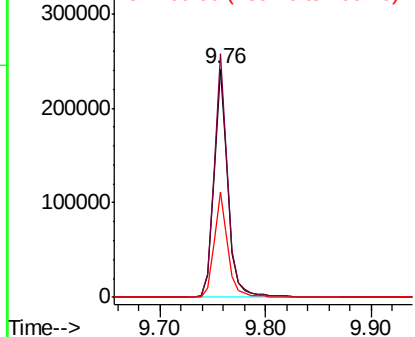
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF119374.D
 Acq: 12 Mar 2020 11:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 226248
 Ion Ratio Lower Upper
 164 100
 162 106.4 81.8 122.8
 160 45.9 36.0 54.0

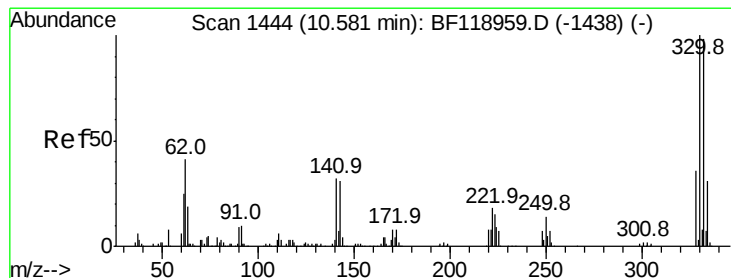


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

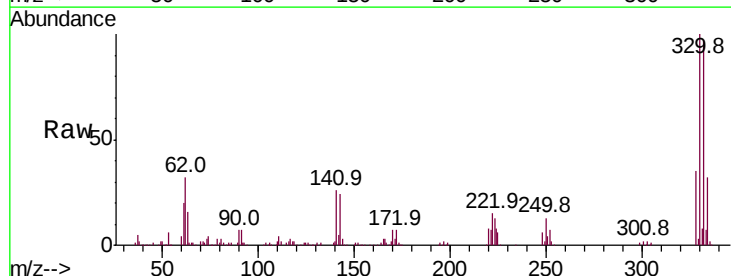
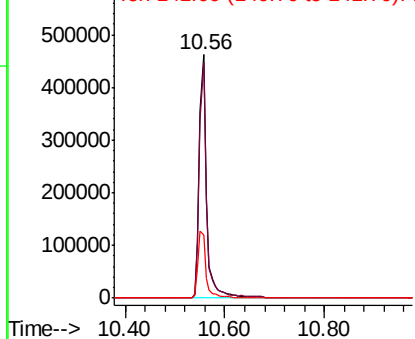


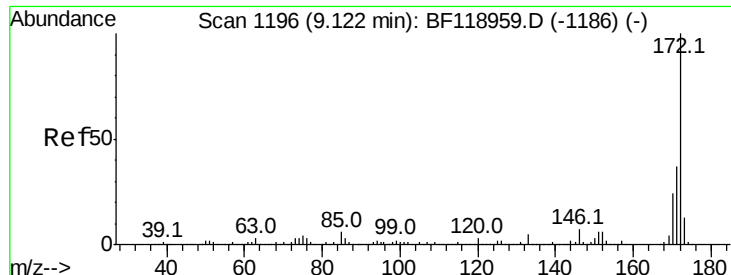
#42
 2,4,6-Tribromophenol
 Concen: 161.516 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF119374.D
 Acq: 12 Mar 2020 11:24

Tgt Ion:330 Resp: 478040
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.0 114.0
 141 30.2 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



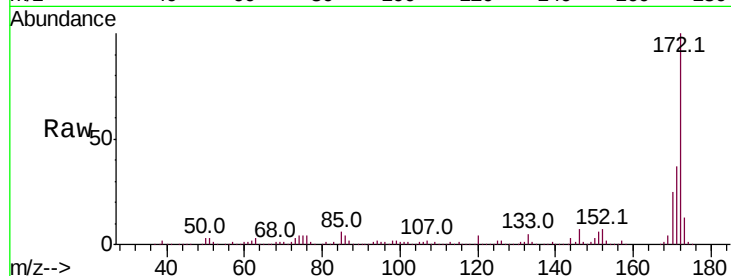


#45
 2-Fluorobiphenyl
 Concen: 93.418 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119374.D
 Acq: 12 Mar 2020 11:24

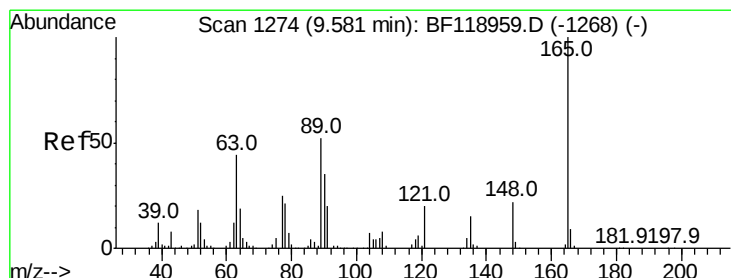
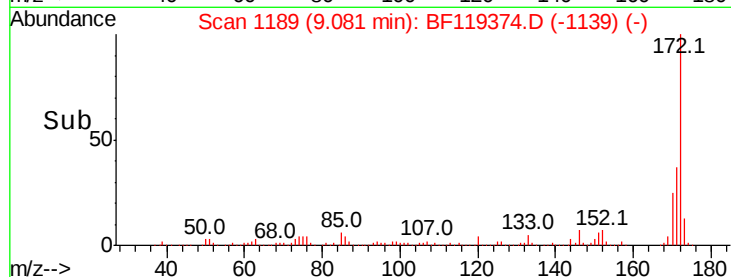
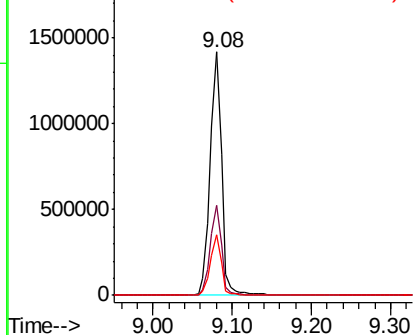
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1434701

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.6	45.8
170	24.6	20.2	30.2



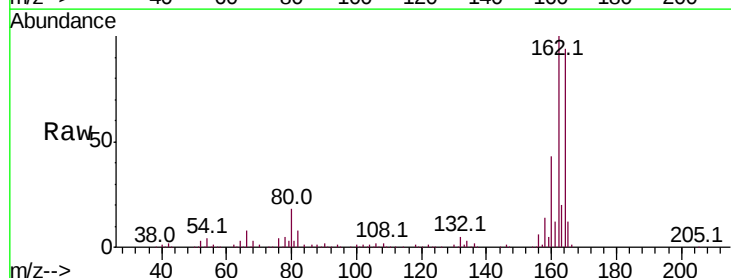
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



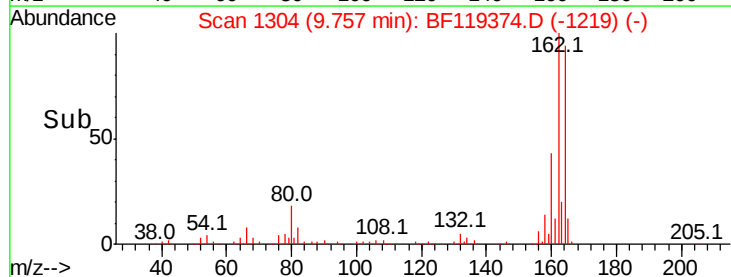
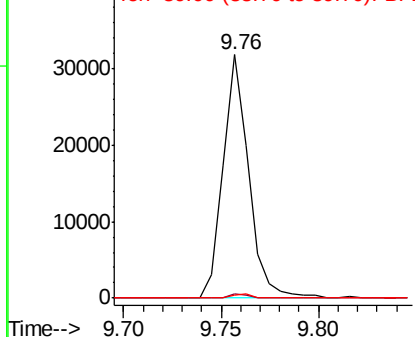
#51
 2,6-Dinitrotoluene
 Concen: 7.516 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.20 min
 Lab File: BF119374.D
 Acq: 12 Mar 2020 11:24

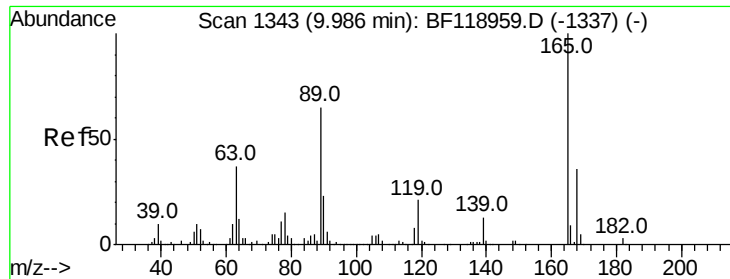
Tgt Ion:165 Resp: 28890

Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.3	51.5#
89	1.1	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

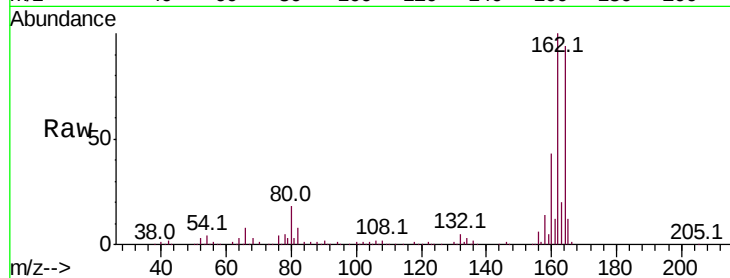




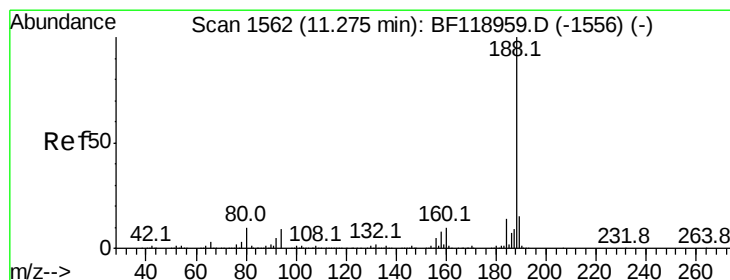
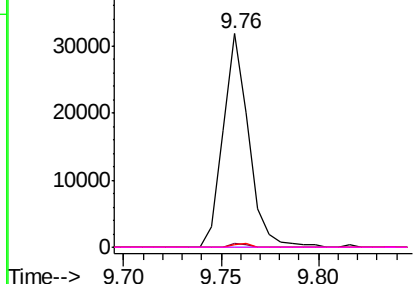
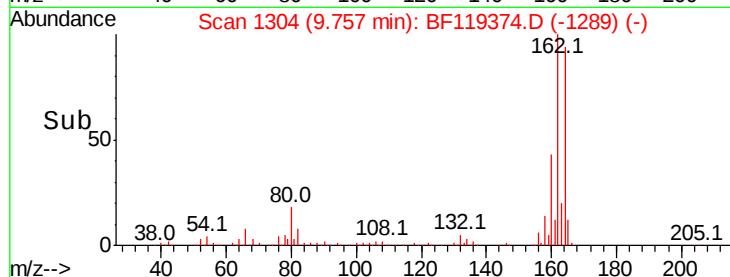
#57
 2,4-Dinitrotoluene
 Concen: 5.799 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.21 min
 Lab File: BF119374.D
 Acq: 12 Mar 2020 11:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	165	Resp:	28890
Ion	Ratio	Lower	Upper
165	100		
63	1.6	42.3	63.5#
89	1.1	60.2	90.4#
182	0.0	2.3	3.5#

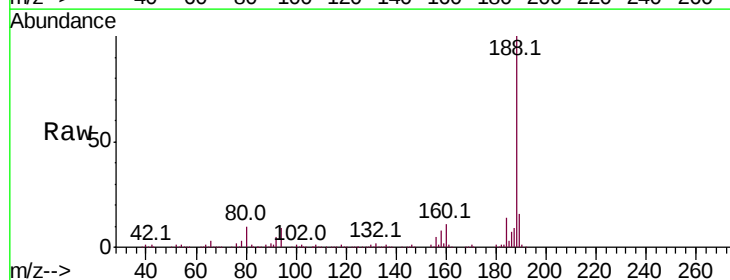


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

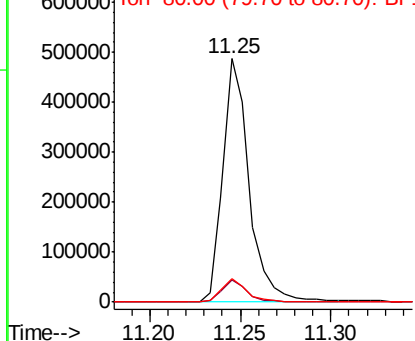
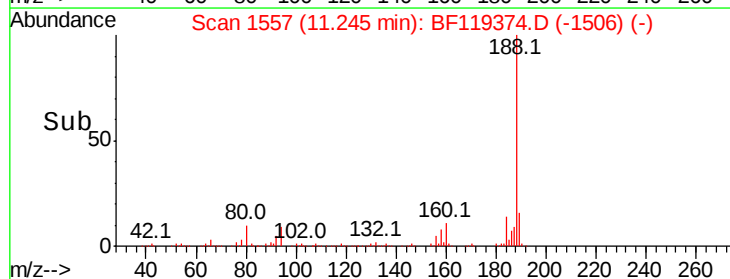


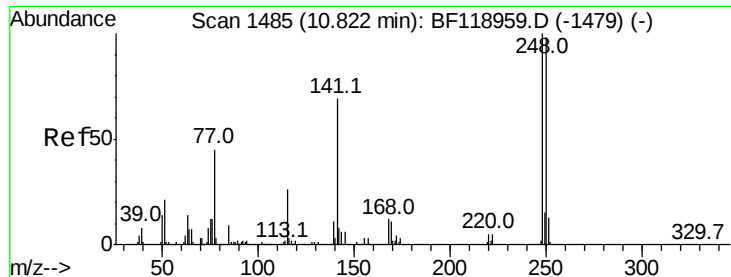
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: BF119374.D
 Acq: 12 Mar 2020 11:24

Tgt Ion:	188	Resp:	493625
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.1	10.7
80	9.8	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

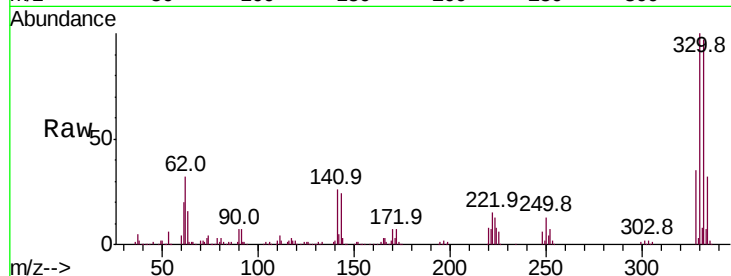




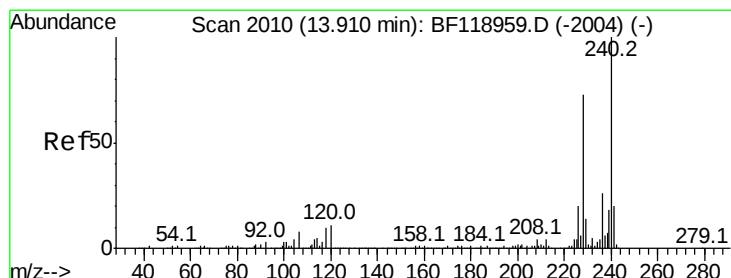
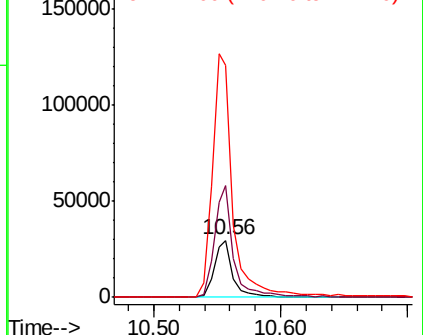
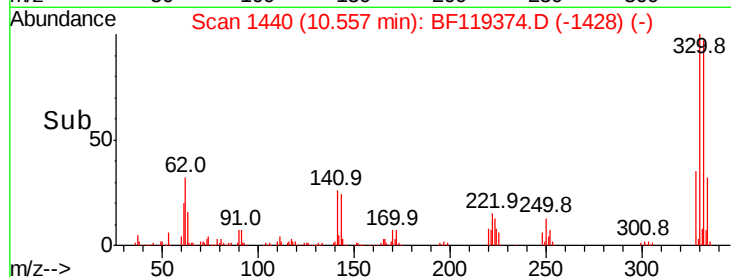
#67
4-Bromophenyl-phenylether
Concen: 4.790 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.23 min
Lab File: BF119374.D
Acq: 12 Mar 2020 11:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 30906
Ion Ratio Lower Upper
248 100
250 197.4 76.7 115.1#
141 409.4 60.7 91.1#

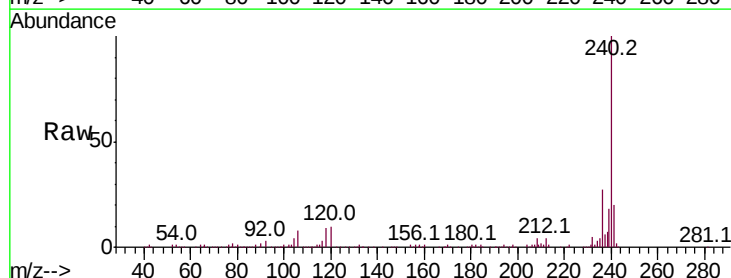


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

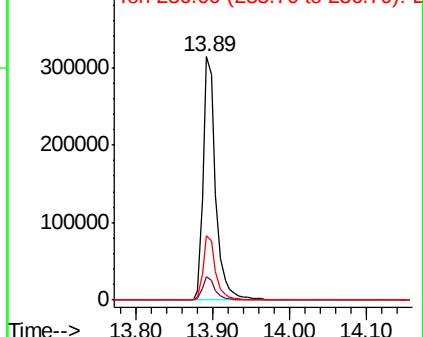
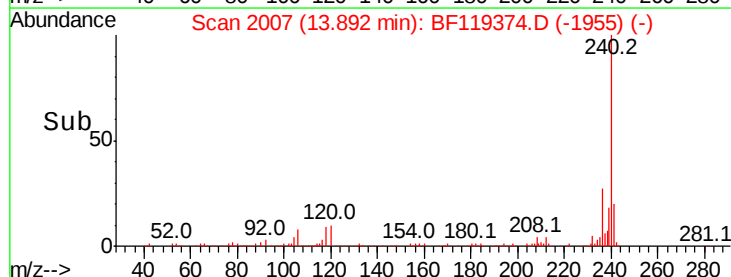


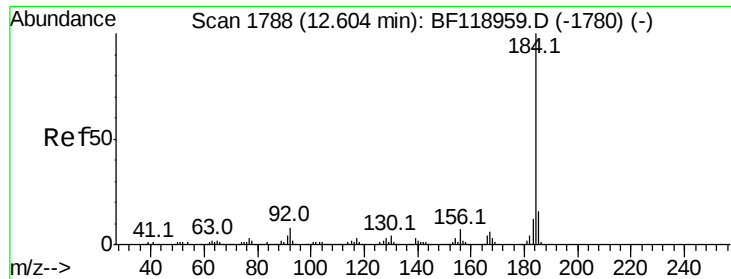
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BF119374.D
Acq: 12 Mar 2020 11:24

Tgt Ion:240 Resp: 355996
Ion Ratio Lower Upper
240 100
120 9.9 8.4 12.6
236 26.5 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





#77

Benzidine

Concen: 2.010 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.25 min

Lab File: BF119374.D

Acq: 12 Mar 2020 11:24

Instrument :

BNA_F

ClientSampleId :

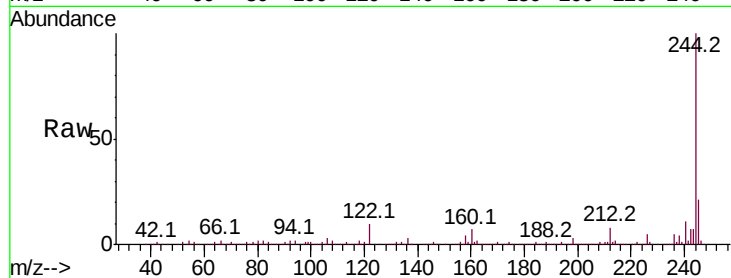
Tot Ion:184 Resp: 29094

Ion Ratio Lower Upper

184 100

185 16.3 12.2 18.4

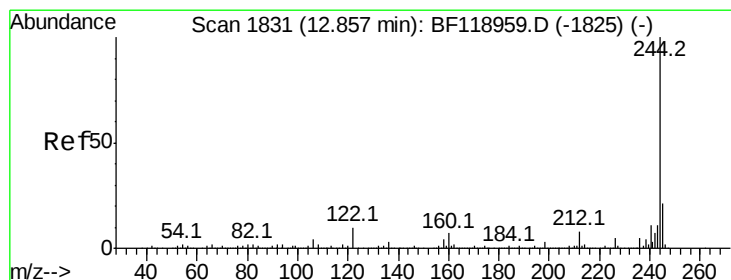
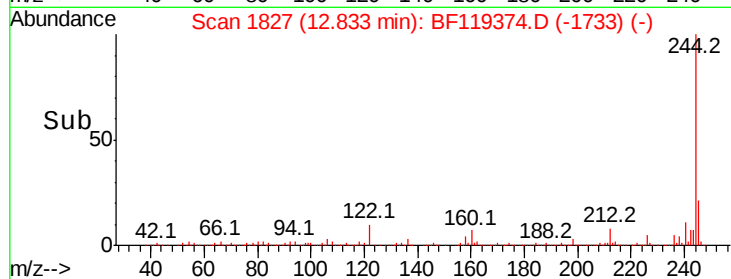
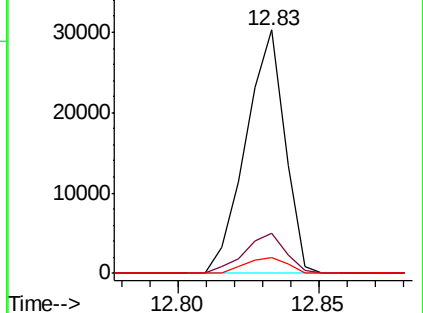
183 6.5 9.9 14.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 101.241 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF119374.D

Acq: 12 Mar 2020 11:24

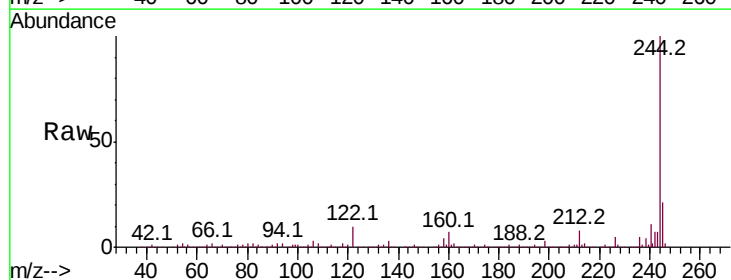
Tgt Ion:244 Resp: 2093398

Ion Ratio Lower Upper

244 100

212 7.6 6.6 10.0

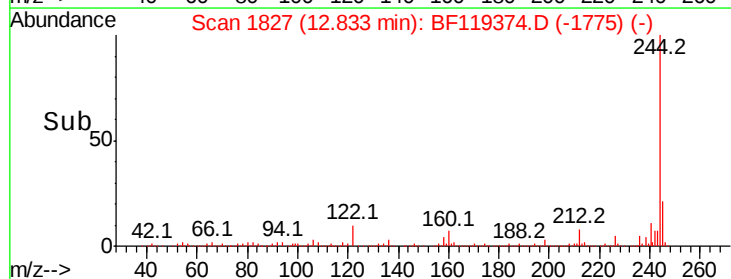
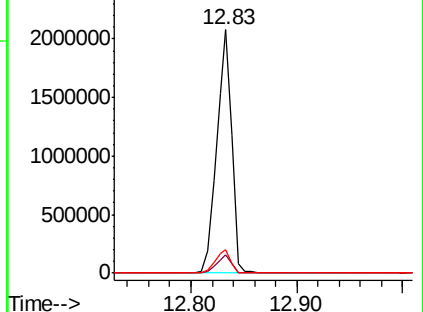
122 9.8 8.2 12.2

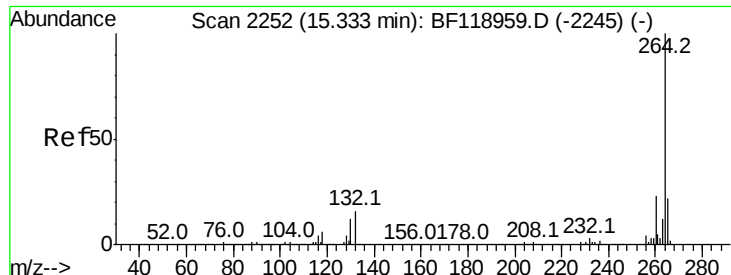


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

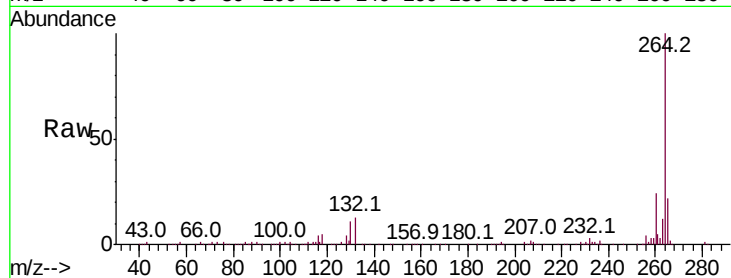




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.02 min
Lab File: BF119374.D
Acq: 12 Mar 2020 11:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.6	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

