

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
 Data File : BF119297.D
 Acq On : 9 Mar 2020 21:58
 Operator : CG/JU
 Sample : L1844-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 23:15:06 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

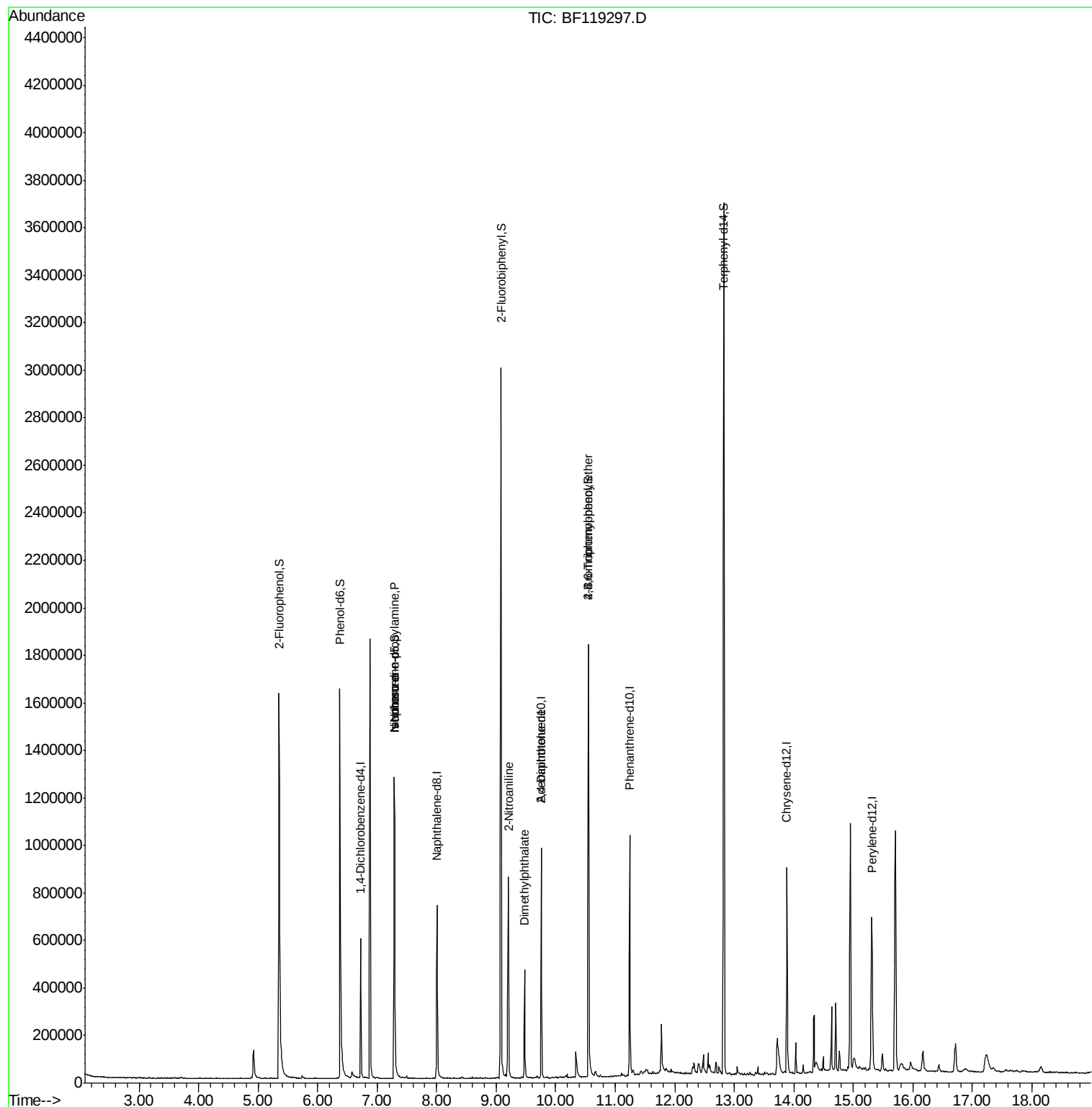
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	92109	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	348648	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	197590	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	386233	20.00	ng	0.00
76) Chrysene-d12	13.88	240	314758	20.00	ng	0.00
87) Perylene-d12	15.31	264	274911	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	604862	109.74	ng	0.00
7) Phenol-d6	6.38	99	731119	109.07	ng	0.00
23) Nitrobenzene-d5	7.29	82	474311	71.83	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	269852	104.40	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	971675	72.45	ng	0.00
79) Terphenyl-d14	12.82	244	1352705	73.99	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	66432	17.008	ng	# 74
25) Isophorone	7.29	82	474311	41.360	ng	# 63
48) 2-Nitroaniline	9.20	65	10120	2.819	ng	# 9
50) Dimethylphthalate	9.47	163	191988	12.707	ng	99
57) 2,4-Dinitrotoluene	9.76	165	25012	5.748	ng	# 21
67) 4-Bromophenyl-phenylether	10.55	248	17676	3.501	ng	# 1

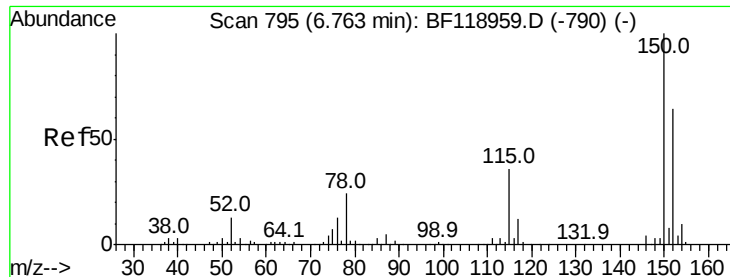
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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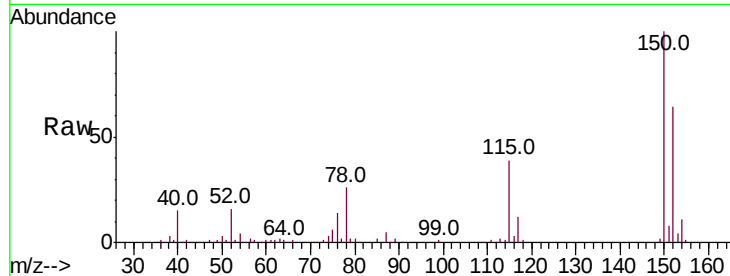


#1

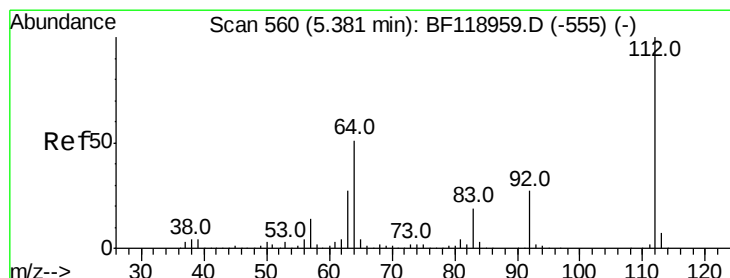
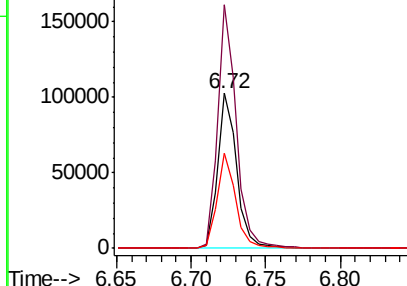
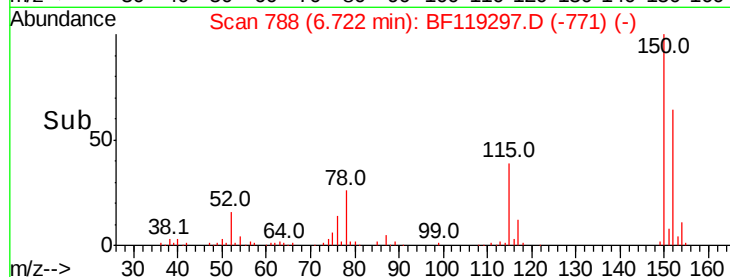
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119297.D
Acq: 9 Mar 2020 21:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 92109
Ion Ratio Lower Upper
152 100
150 156.9 123.0 184.6
115 61.3 49.5 74.3



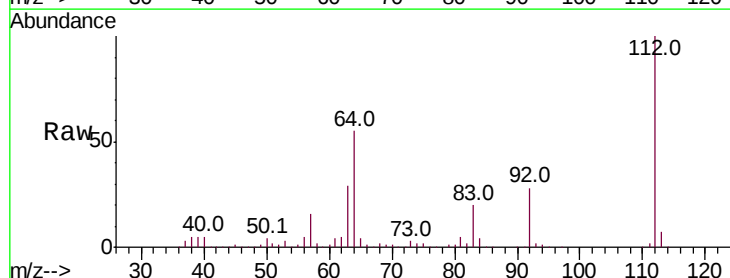
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



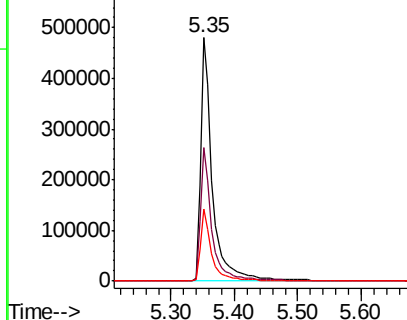
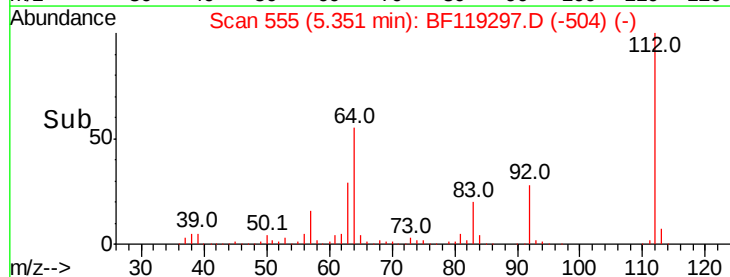
#5

2-Fluorophenol
Concen: 109.743 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF119297.D
Acq: 9 Mar 2020 21:58

Tgt Ion:112 Resp: 604862
Ion Ratio Lower Upper
112 100
64 54.8 45.0 67.4
63 29.4 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: 109.071 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119297.D

Acq: 9 Mar 2020 21:58

Instrument :

BNA_F

ClientSampleId :

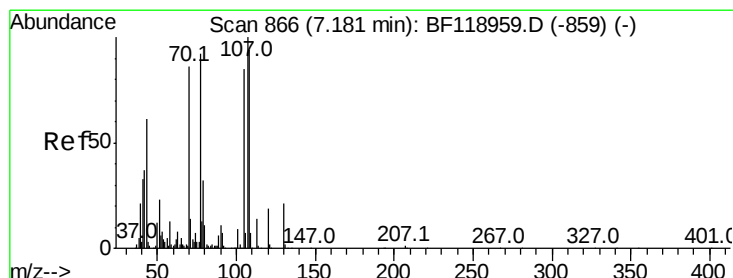
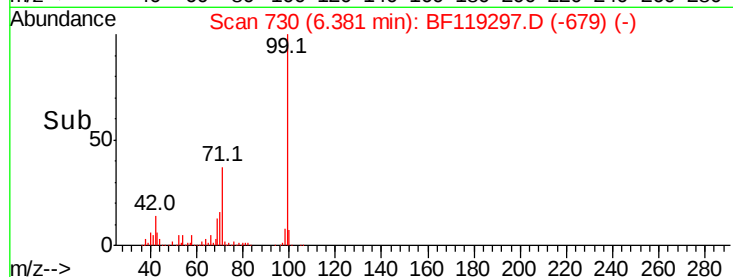
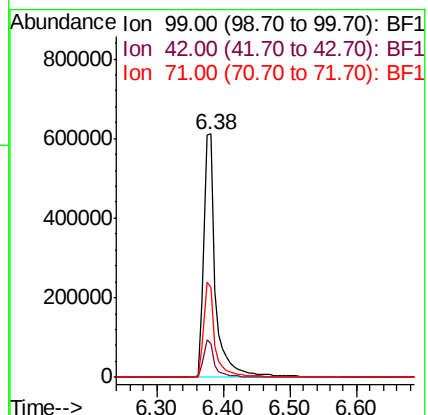
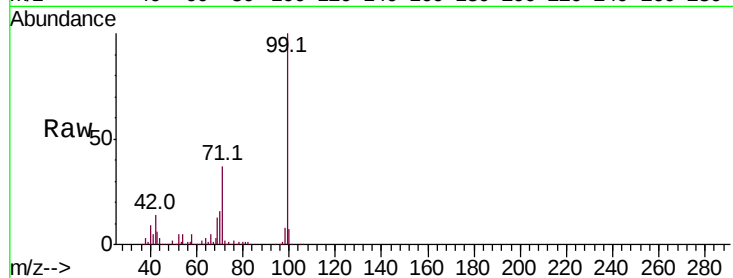
Tot Ion: 99 Resp: 731119

Ion Ratio Lower Upper

99 100

42 13.9 12.6 18.8

71 37.1 31.0 46.4



#19

n-Nitroso-di-n-propylamine

Concen: 17.008 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF119297.D

Acq: 9 Mar 2020 21:58

Tgt Ion: 70 Resp: 66432

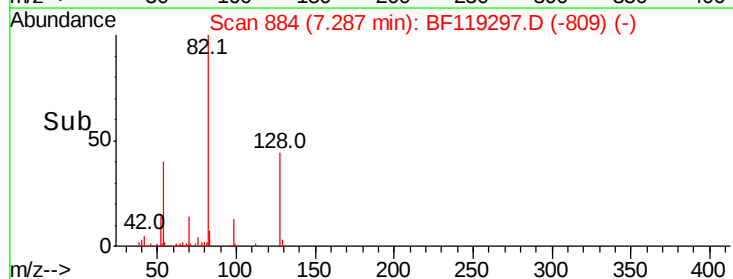
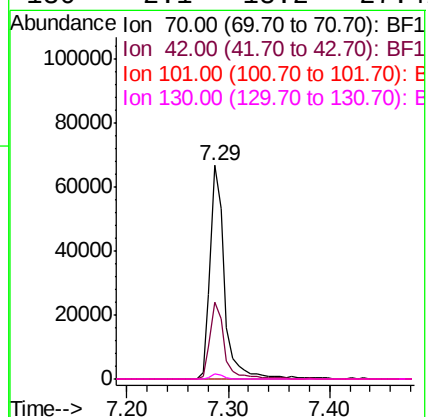
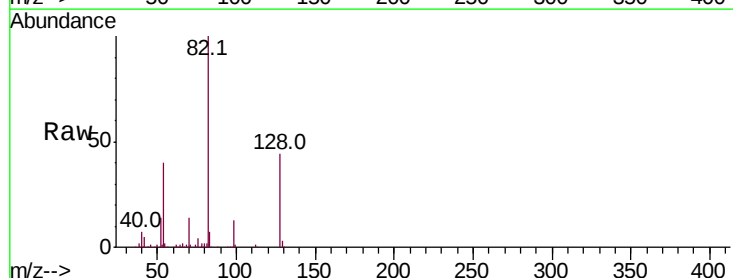
Ion Ratio Lower Upper

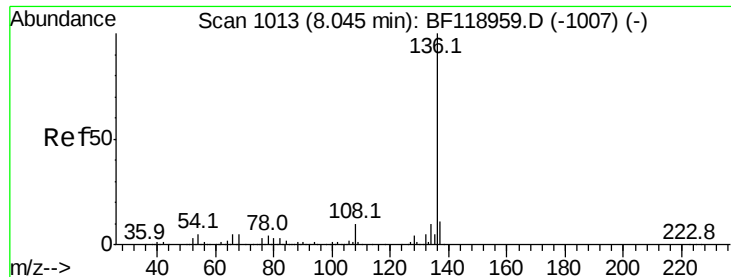
70 100

42 35.8 38.0 57.0#

101 0.0 8.2 12.4#

130 2.1 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: BF119297.D

Acq: 9 Mar 2020 21:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 348648

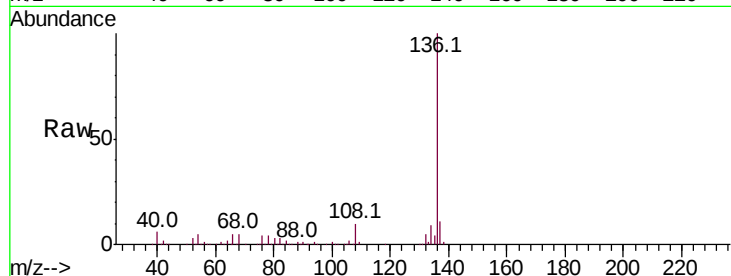
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 4.7 3.8 5.6

68 5.2 3.9 5.9

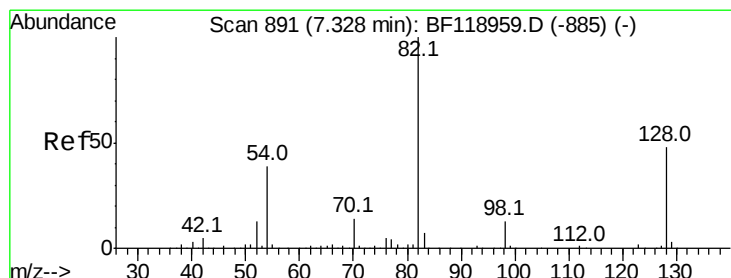
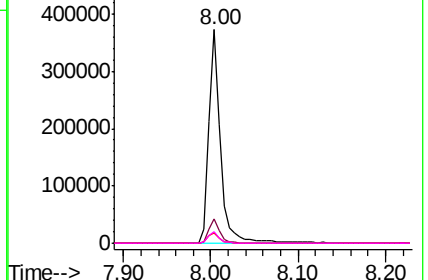
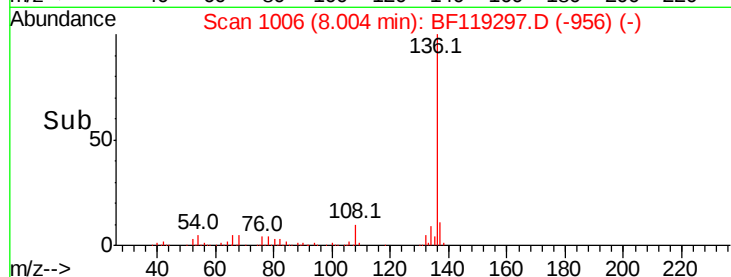


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.831 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF119297.D

Acq: 9 Mar 2020 21:58

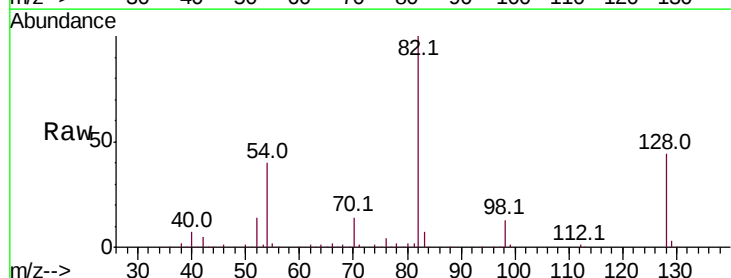
Tgt Ion: 82 Resp: 474311

Ion Ratio Lower Upper

82 100

128 43.5 37.9 56.9

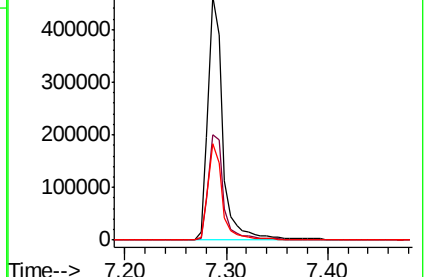
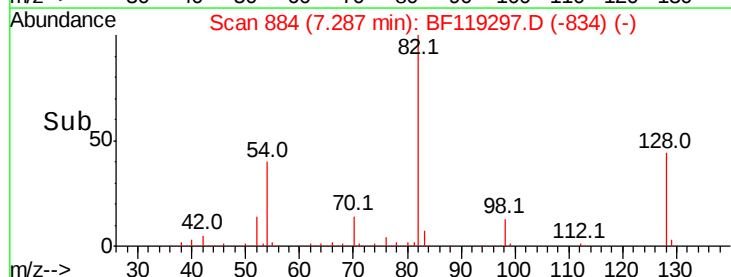
54 39.6 33.4 50.2

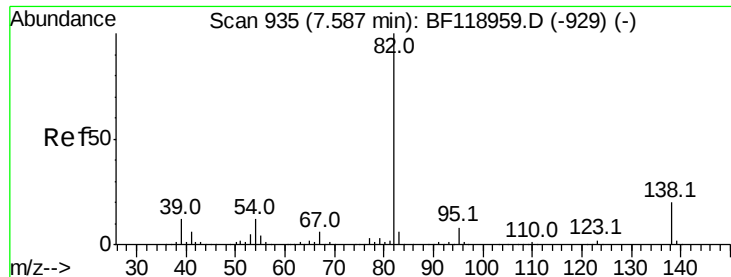


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

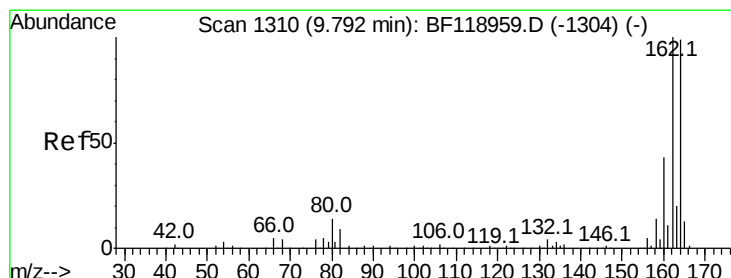
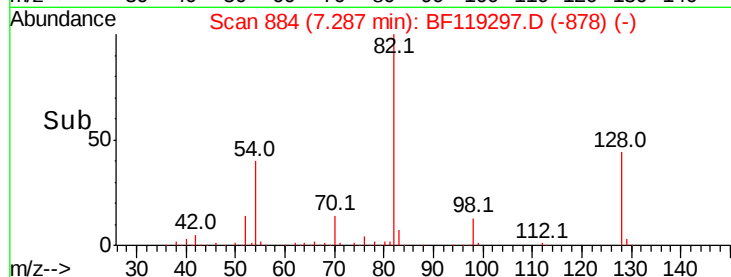
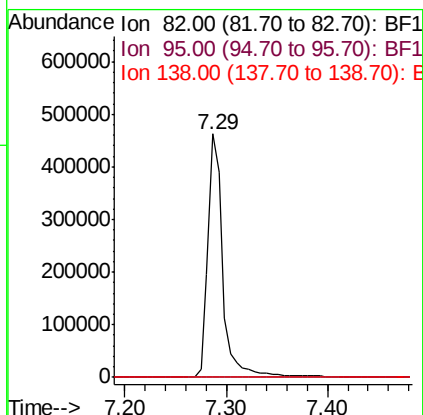
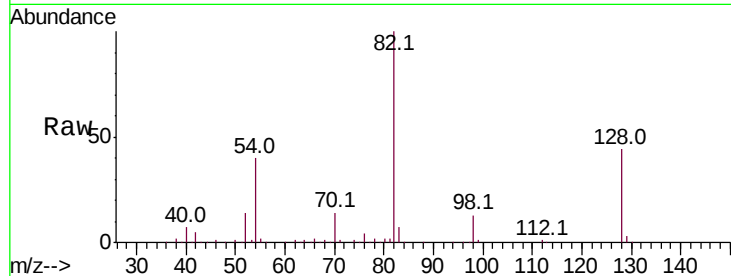




#25
Isophorone
Concen: 41.360 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF119297.D
Acq: 9 Mar 2020 21:58

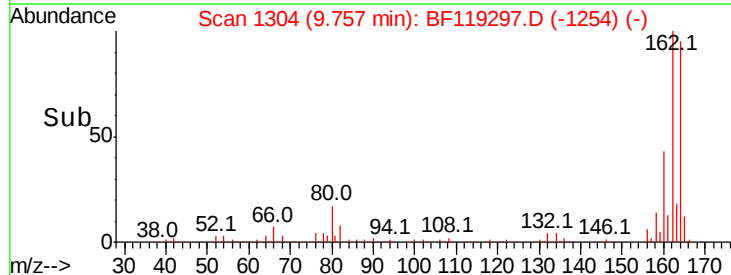
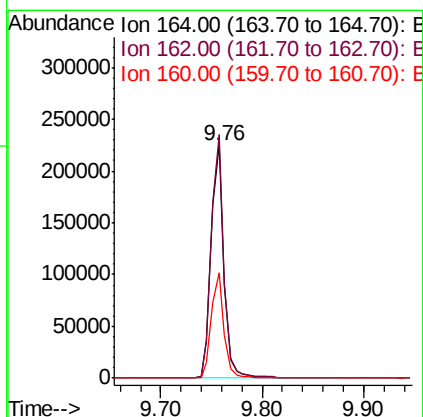
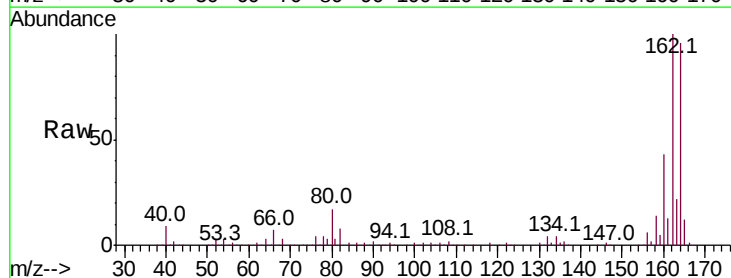
Instrument :
BNA_F
ClientSampleId :

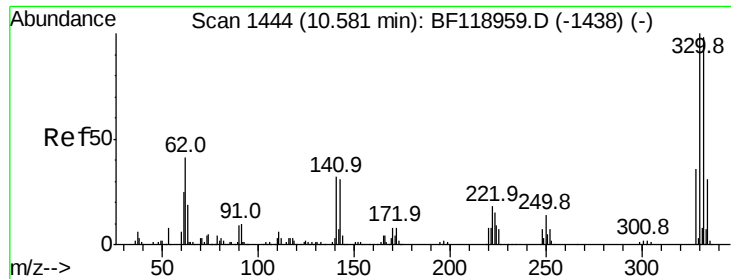
Tot Ion: 82 Resp: 474311
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 15.7 23.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF119297.D
Acq: 9 Mar 2020 21:58

Tgt Ion: 164 Resp: 197590
Ion Ratio Lower Upper
164 100
162 104.6 81.8 122.8
160 45.0 36.0 54.0

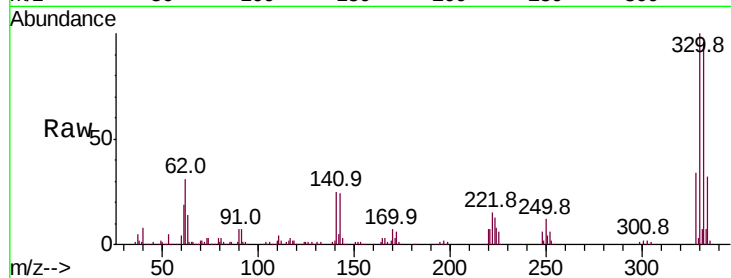




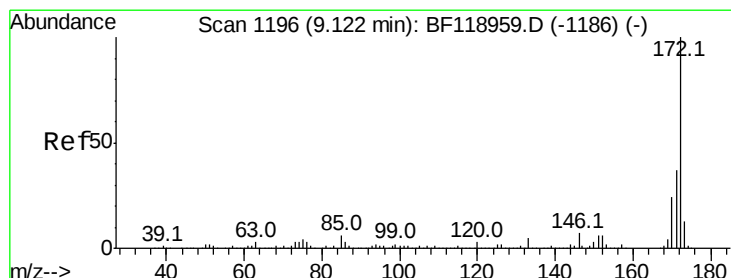
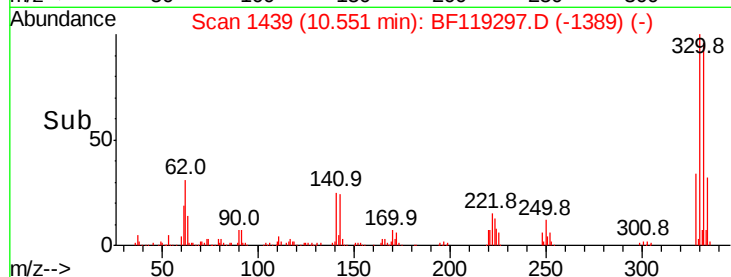
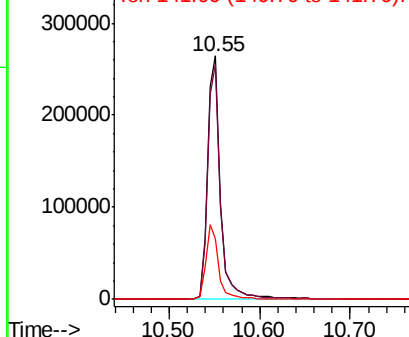
#42
 2,4,6-Tribromophenol
 Concen: 104.399 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF119297.D
 Acq: 9 Mar 2020 21:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.0	114.0
141	30.7	22.9	34.3

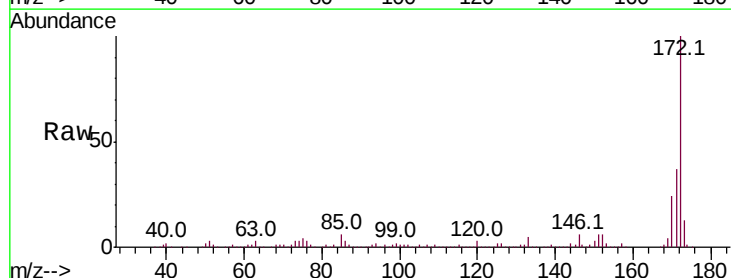


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

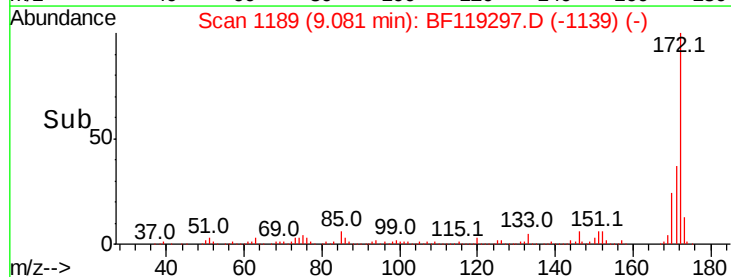
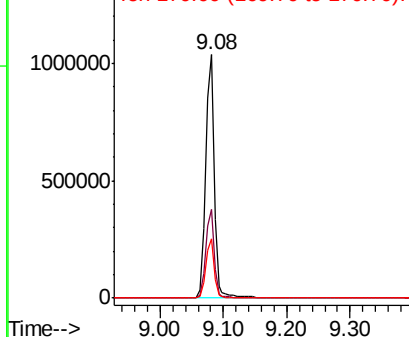


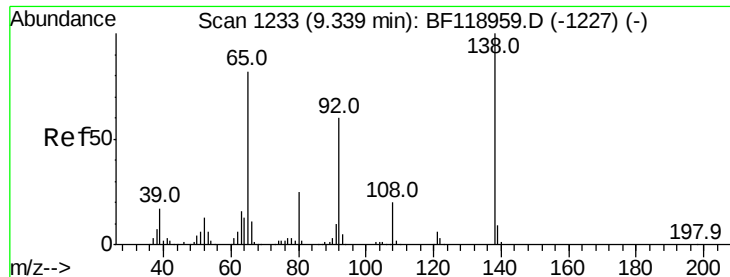
#45
 2-Fluorobiphenyl
 Concen: 72.445 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119297.D
 Acq: 9 Mar 2020 21:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.6	45.8
170	24.2	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

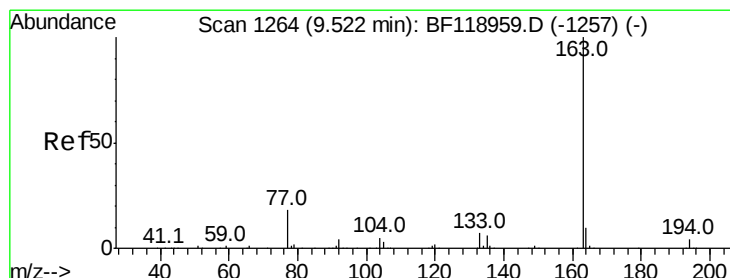
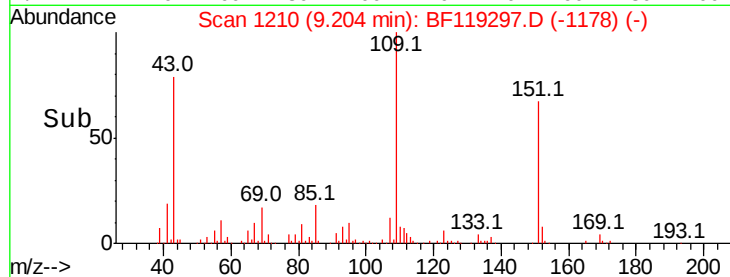
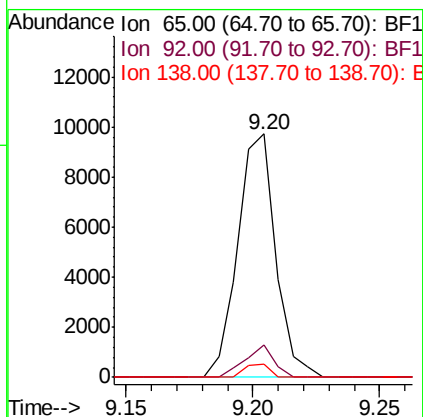
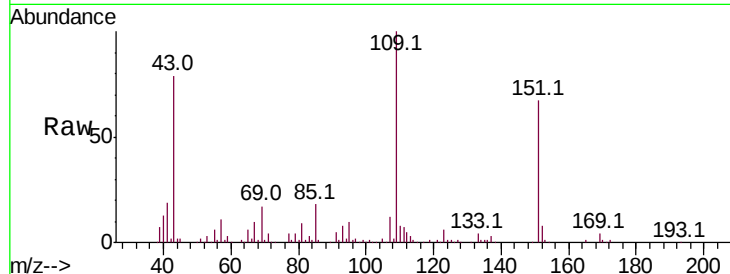




#48
2-Nitroaniline
Concen: 2.819 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.11 min
Lab File: BF119297.D
Acq: 9 Mar 2020 21:58

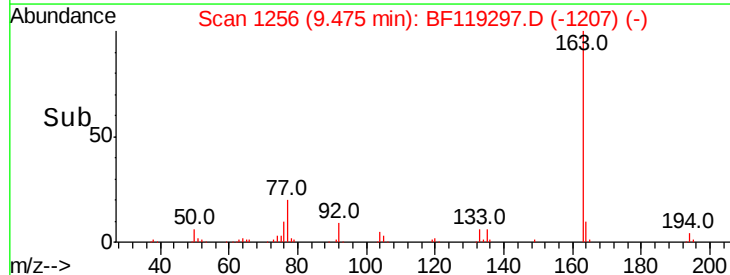
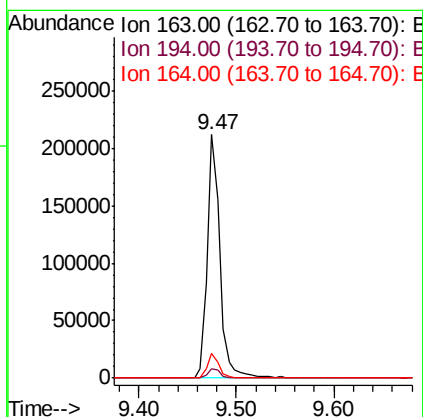
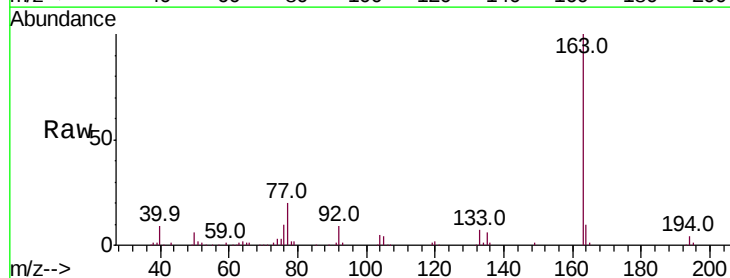
Instrument :
BNA_F
ClientSampleId :

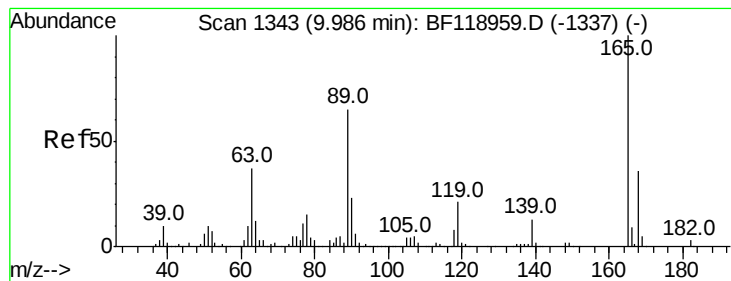
Tot Ion: 65 Resp: 10120
Ion Ratio Lower Upper
65 100
92 13.1 58.2 87.2#
138 5.6 95.6 143.4#



#50
Dimethylphthalate
Concen: 12.707 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF119297.D
Acq: 9 Mar 2020 21:58

Tgt Ion:163 Resp: 191988
Ion Ratio Lower Upper
163 100
194 4.1 3.5 5.3
164 10.3 8.4 12.6





#57

2,4-Dinitrotoluene

Concen: 5.748 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.21 min

Lab File: BF119297.D

Acq: 9 Mar 2020 21:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 25012

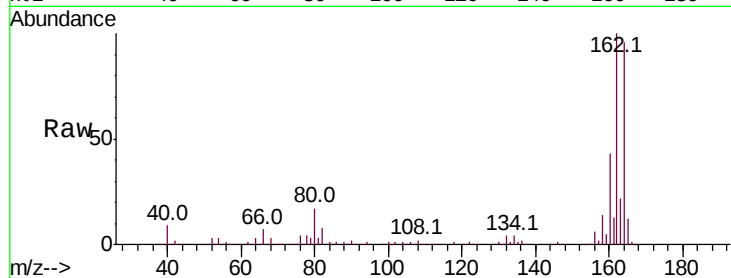
Ion Ratio Lower Upper

165 100

63 1.8 42.3 63.5#

89 1.7 60.2 90.4#

182 0.0 2.3 3.5#

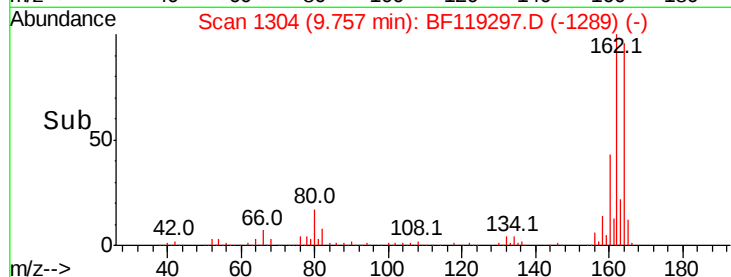


Abundance Ion 165.00 (164.70 to 165.70): E

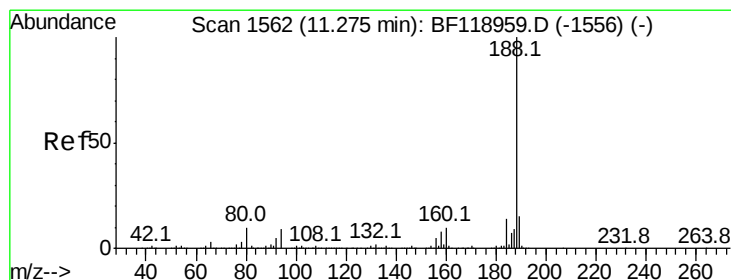
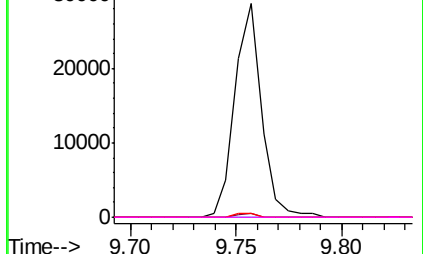
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF119297.D

Acq: 9 Mar 2020 21:58

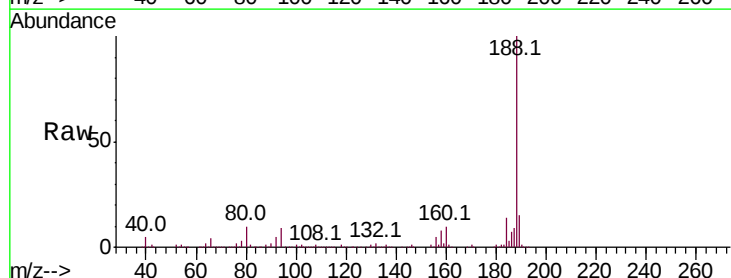
Tgt Ion:188 Resp: 386233

Ion Ratio Lower Upper

188 100

94 9.1 7.1 10.7

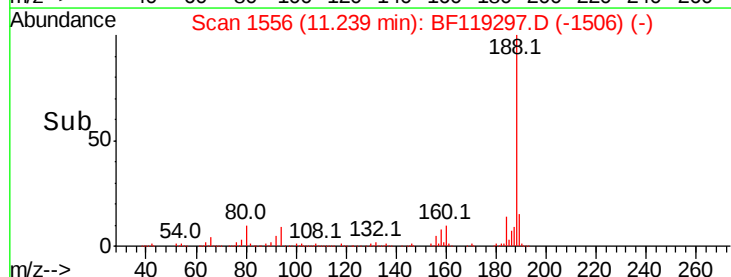
80 9.8 7.8 11.8



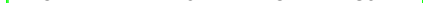
Abundance Ion 188.00 (187.70 to 188.70): E

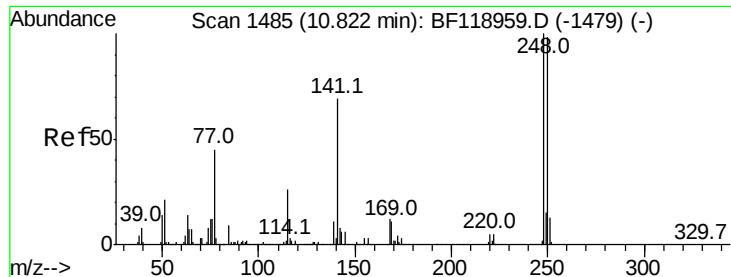
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->

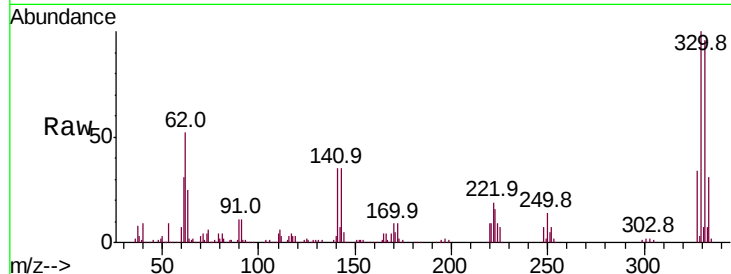




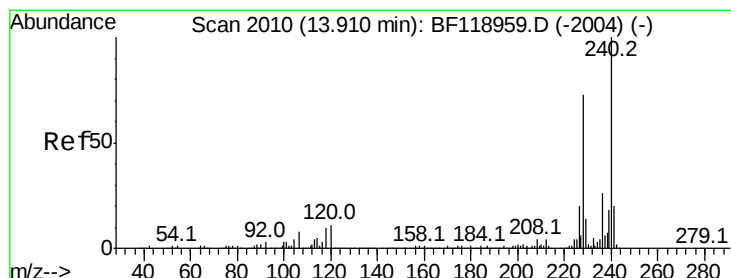
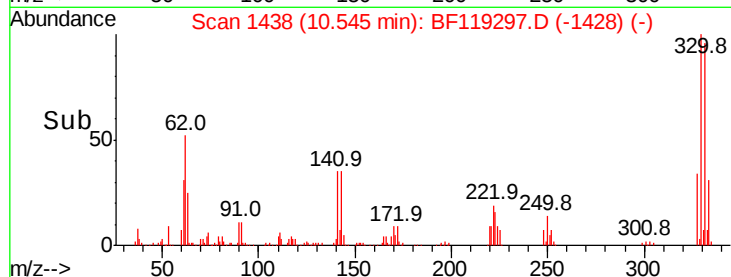
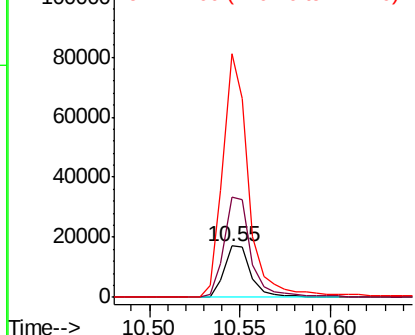
#67
4-Bromophenyl-phenylether
Concen: 3.501 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF119297.D
Acq: 9 Mar 2020 21:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 17676
Ion Ratio Lower Upper
248 100
250 196.6 76.7 115.1#
141 474.9 60.7 91.1#

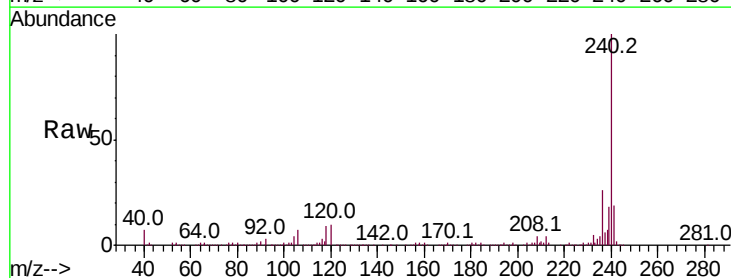


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

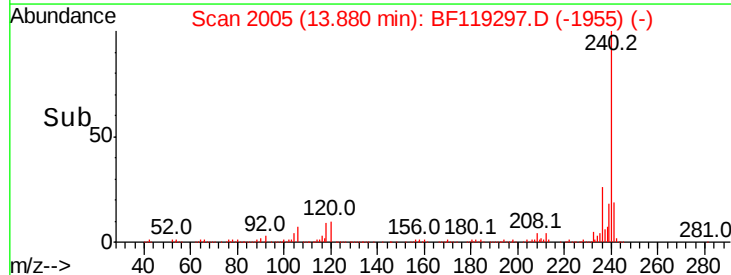
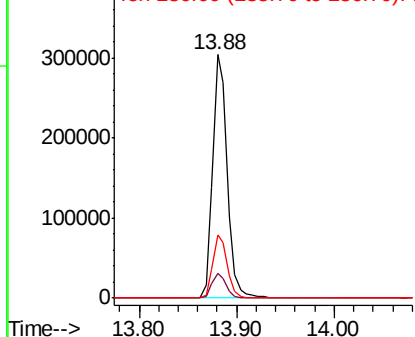


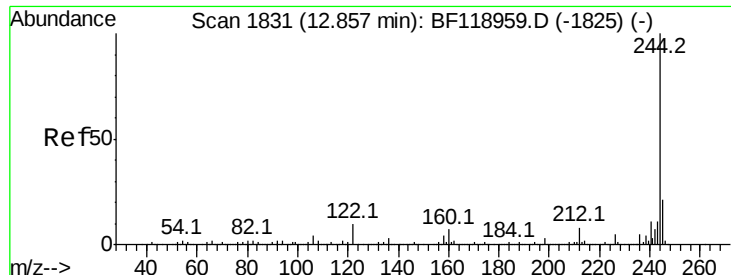
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF119297.D
Acq: 9 Mar 2020 21:58

Tgt Ion:240 Resp: 314758
Ion Ratio Lower Upper
240 100
120 10.1 8.4 12.6
236 25.9 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: 73.991 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF119297.D

Acq: 9 Mar 2020 21:58

Instrument :

BNA_F

ClientSampleId :

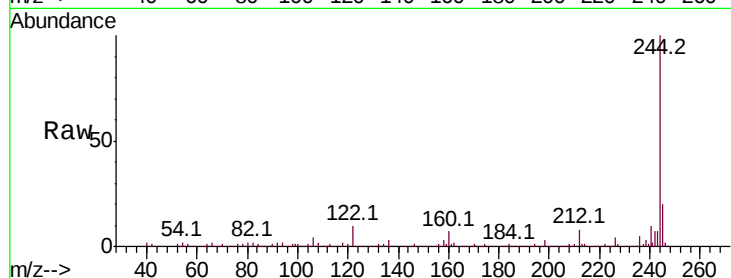
Tot Ion:244 Resp: 1352705

Ion Ratio Lower Upper

244 100

212 7.5 6.6 10.0

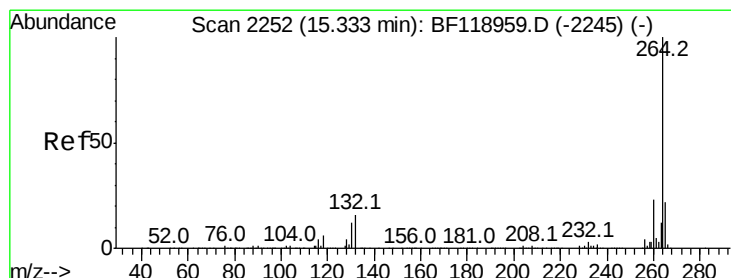
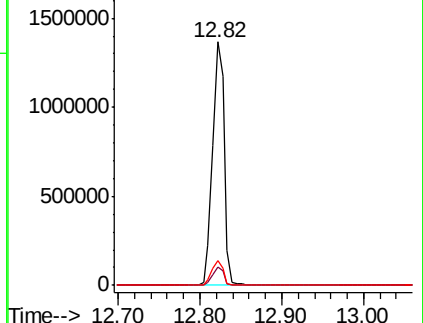
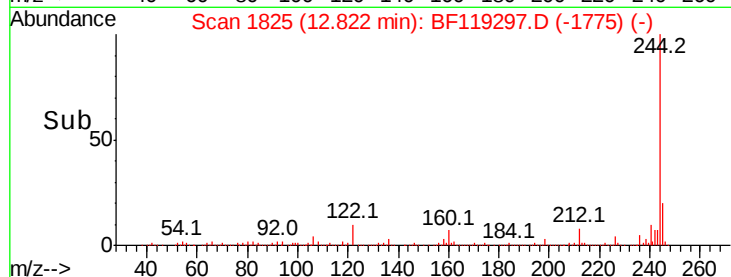
122 10.3 8.2 12.2



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: 15.31 min Scan# 2248

Delta R.T. 0.00 min

Lab File: BF119297.D

Acq: 9 Mar 2020 21:58

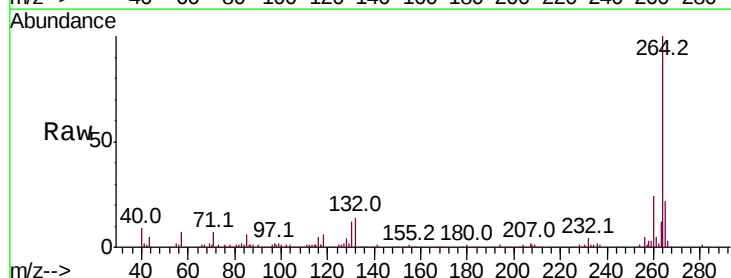
Tgt Ion:264 Resp: 274911

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 21.7 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

