

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119879.D
 Acq On : 9 Apr 2020 19:39
 Operator : MA/SJ
 Sample : L2153-02
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 10 01:30:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 01:21:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	177130	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	603453	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	296160	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	498364	20.00	ng	0.00
76) Chrysene-d12	13.93	240	320769	20.00	ng	0.00
87) Perylene-d12	15.37	264	308266	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	1680483	163.96	ng	0.02
7) Phenol-d6	6.41	99	1935656	146.56	ng	0.00
23) Nitrobenzene-d5	7.34	82	1261677	108.16	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	458420	126.43	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	2187648	104.88	ng	0.00
79) Terphenyl-d14	12.89	244	1877728	98.50	ng	0.00

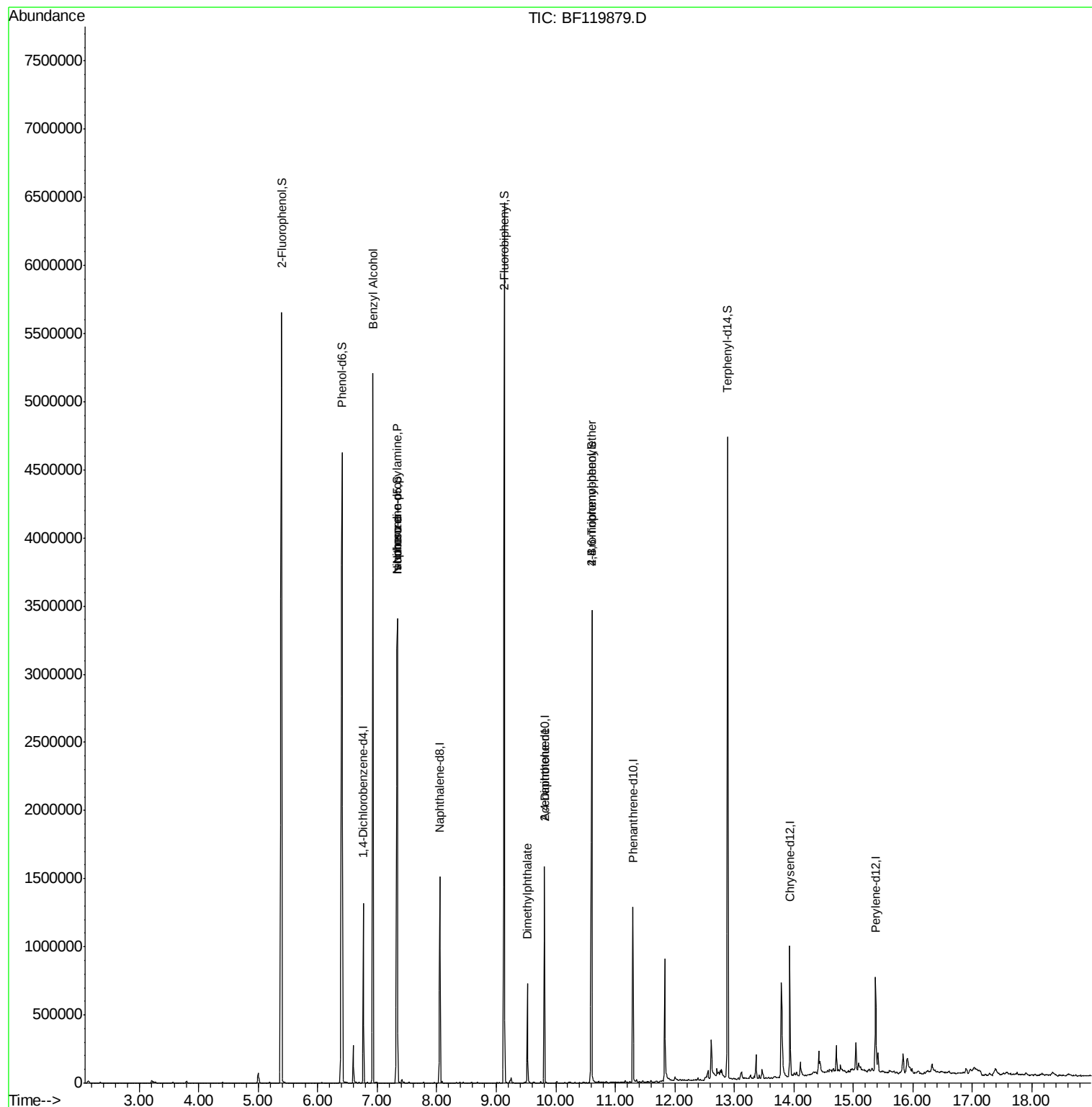
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.41	77	3076	Below Cal	#	1
15) Benzyl Alcohol	6.93	79	21338	2.080	ng	47
19) n-Nitroso-di-n-propylamine	7.34	70	166020	19.548	ng	77
25) Isophorone	7.34	82	1257401	55.919	ng	65
50) Dimethylphthalate	9.53	163	270077	11.790	ng	99
57) 2,4-Dinitrotoluene	9.81	165	37459	5.668	ng	22
67) 4-Bromophenyl-phenylether	10.60	248	27119	4.376	ng	1

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

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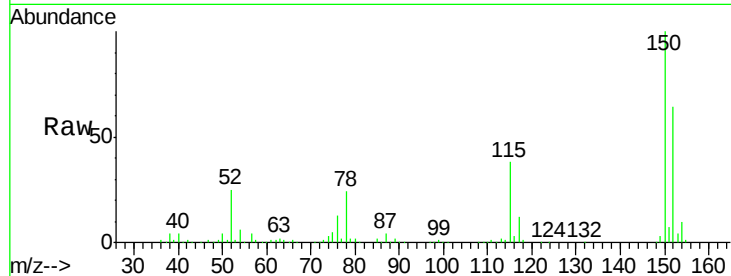


#1

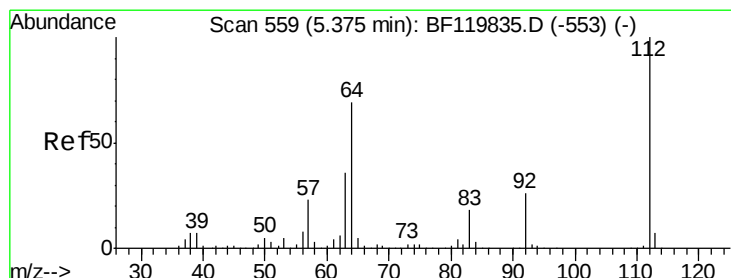
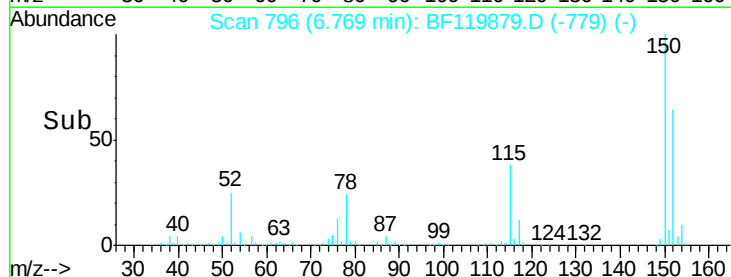
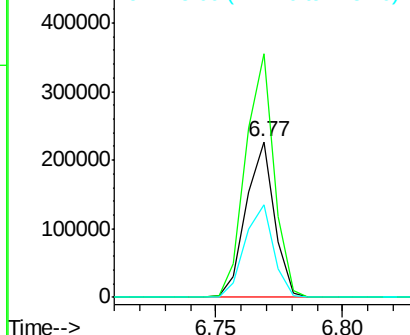
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF119879.D
Acq: 9 Apr 2020 19:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 177130
Ion Ratio Lower Upper
152 100
150 156.5 124.8 187.2
115 59.1 46.5 69.7



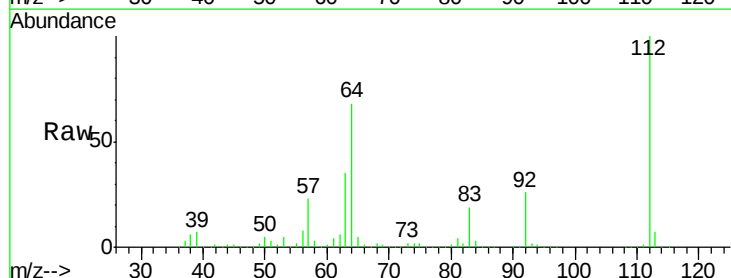
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



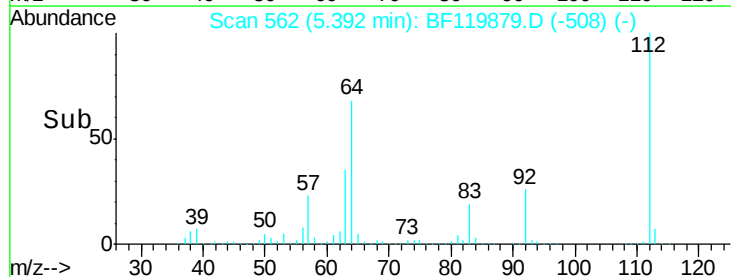
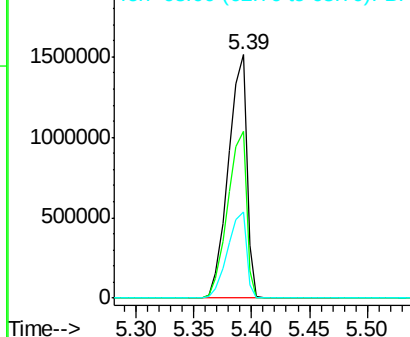
#5

2-Fluorophenol
Concen: 163.958 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.02 min
Lab File: BF119879.D
Acq: 9 Apr 2020 19:39

Tgt Ion:112 Resp: 1680483
Ion Ratio Lower Upper
112 100
64 68.4 55.5 83.3
63 35.5 29.1 43.7



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: 146.563 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF119879.D

Acq: 9 Apr 2020 19:39

Instrument :

BNA_F

ClientSampleId :

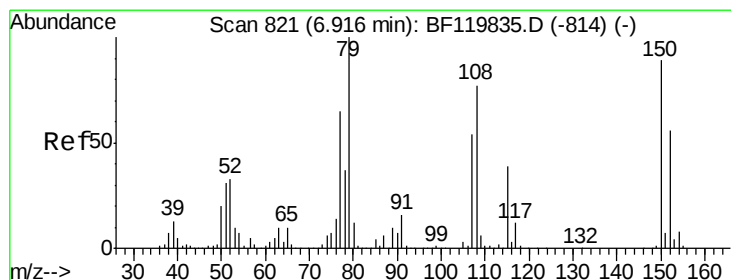
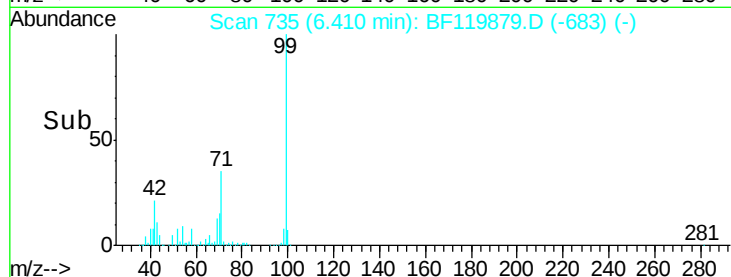
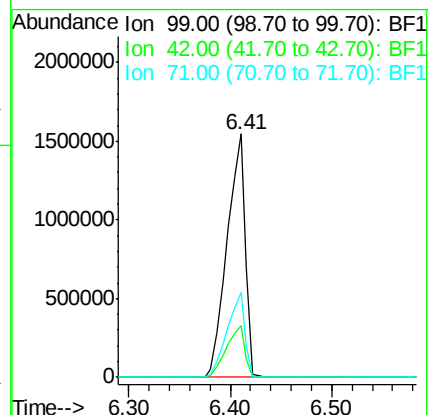
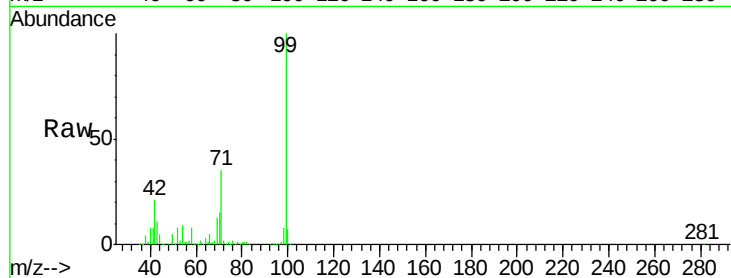
Tot Ion: 99 Resp: 1935656

Ion Ratio Lower Upper

99 100

42 21.4 16.9 25.3

71 34.7 26.3 39.5



#15

Benzyl Alcohol

Concen: 2.080 ng

RT: 6.93 min Scan# 823

Delta R.T. 0.01 min

Lab File: BF119879.D

Acq: 9 Apr 2020 19:39

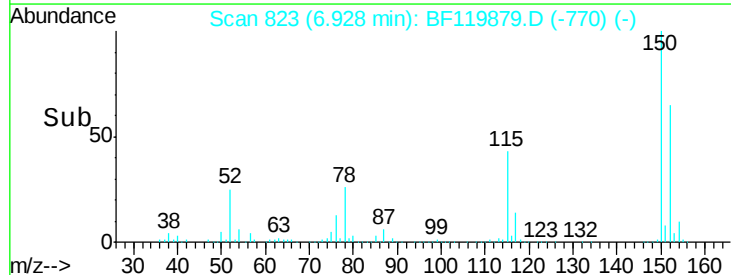
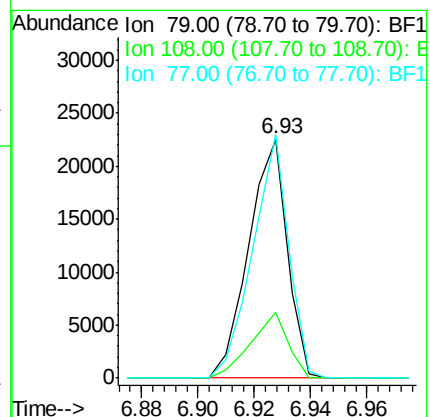
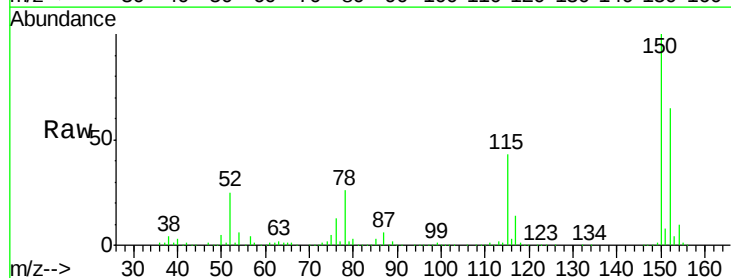
Tgt Ion: 79 Resp: 21338

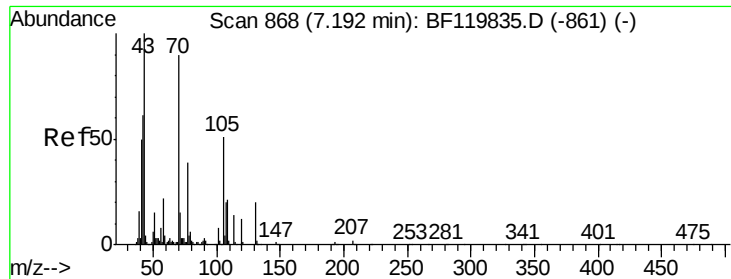
Ion Ratio Lower Upper

79 100

108 27.4 62.0 93.0#

77 101.9 51.8 77.6#

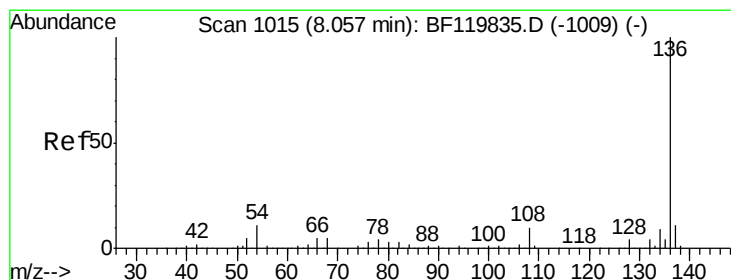
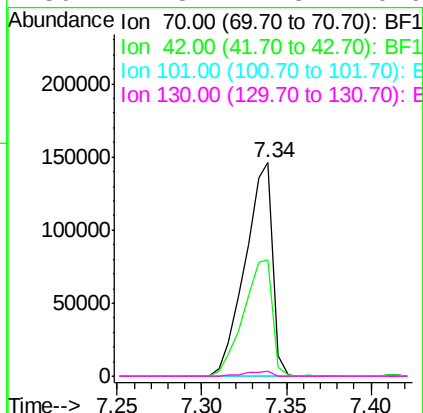
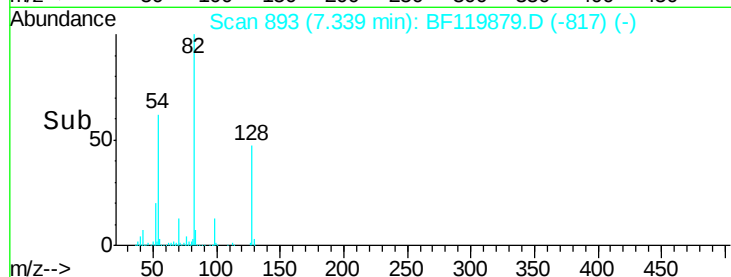
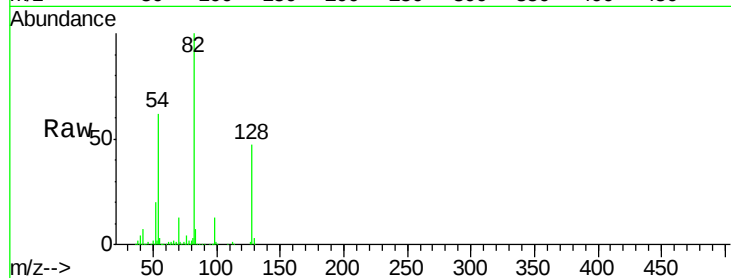




#19
 n-Nitroso-di-n-propylamine
 Concen: 19.548 ng
 RT: 7.34 min Scan# 893
 Delta R.T. 0.15 min
 Lab File: BF119879.D
 Acq: 9 Apr 2020 19:39

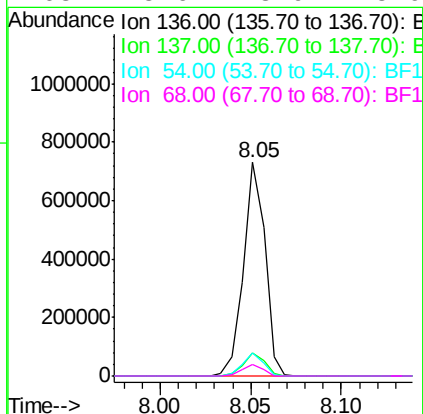
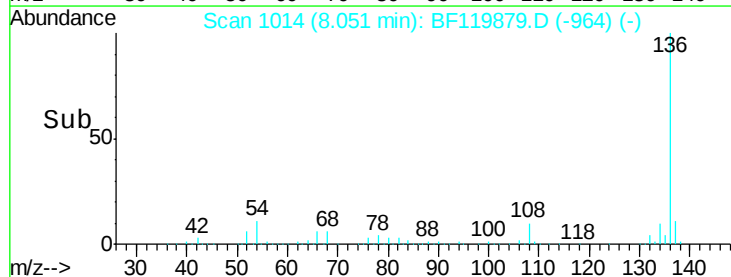
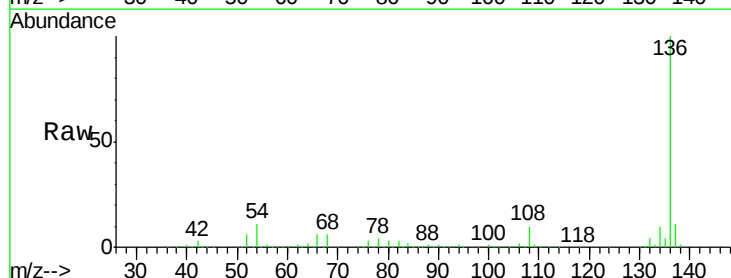
Instrument :
 BNA_F
 ClientSampleId :

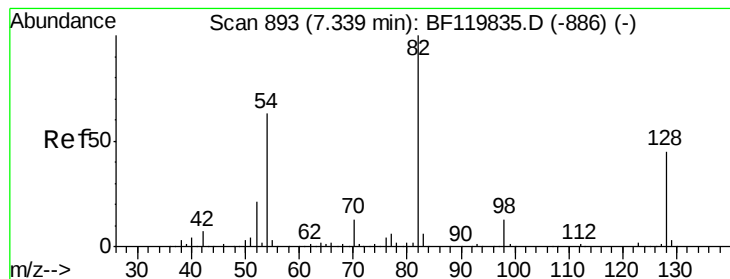
Tot Ion: 70 Resp: 166020
 Ion Ratio Lower Upper
 70 100
 42 54.4 54.2 81.4
 101 0.0 7.4 11.2#
 130 2.3 17.8 26.6#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BF119879.D
 Acq: 9 Apr 2020 19:39

Tgt Ion: 136 Resp: 603453
 Ion Ratio Lower Upper
 136 100
 137 10.9 8.7 13.1
 54 11.0 8.5 12.7
 68 5.6 3.9 5.9





#23

Nitrobenzene-d5

Concen: 108.163 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.00 min

Lab File: BF119879.D

Acq: 9 Apr 2020 19:39

Instrument :

BNA_F

ClientSampleId :

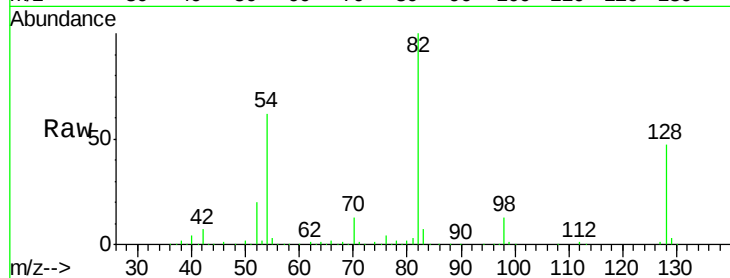
Tot Ion: 82 Resp: 1261677

Ion Ratio Lower Upper

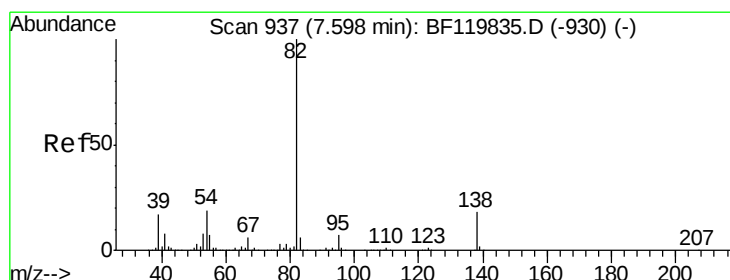
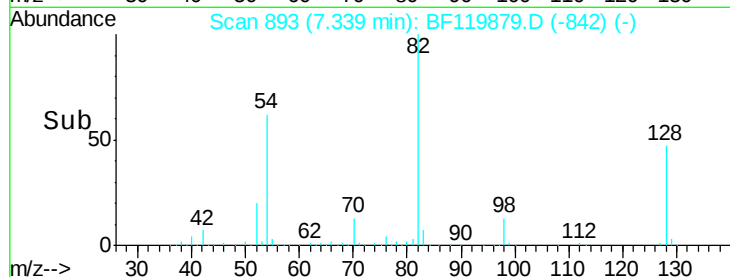
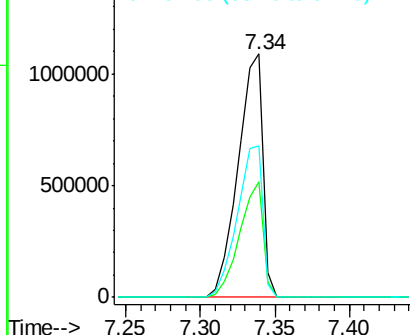
82 100

128 47.3 36.2 54.4

54 62.1 50.4 75.6



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: 55.919 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.26 min

Lab File: BF119879.D

Acq: 9 Apr 2020 19:39

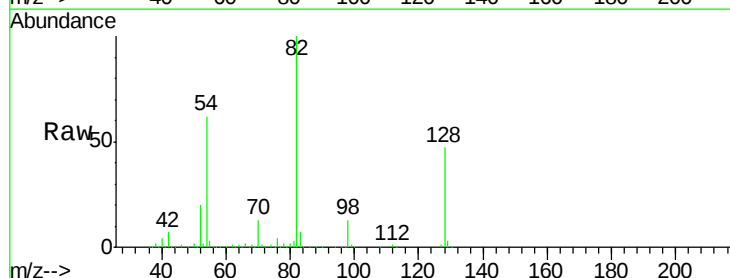
Tgt Ion: 82 Resp: 1257401

Ion Ratio Lower Upper

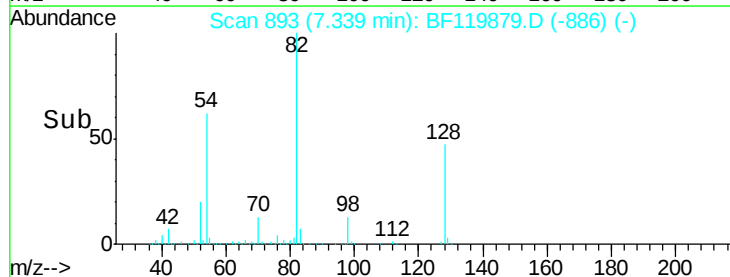
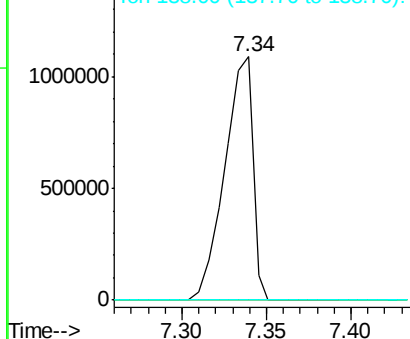
82 100

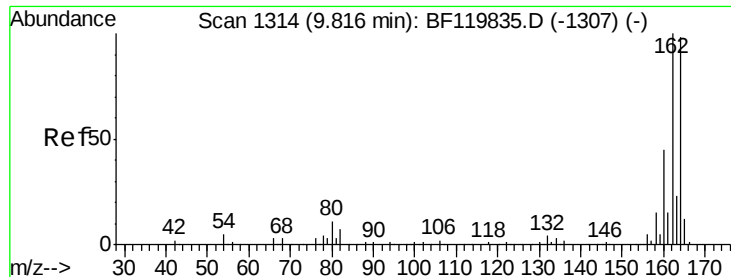
95 0.0 5.8 8.6#

138 0.0 14.5 21.7#



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

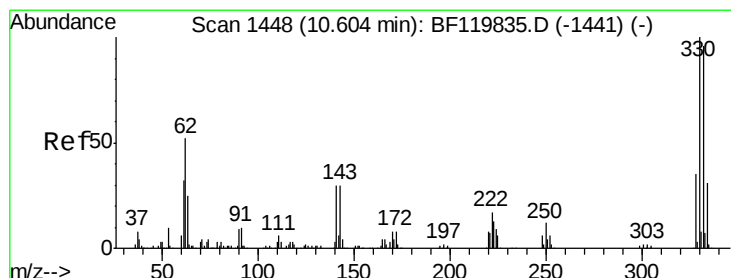
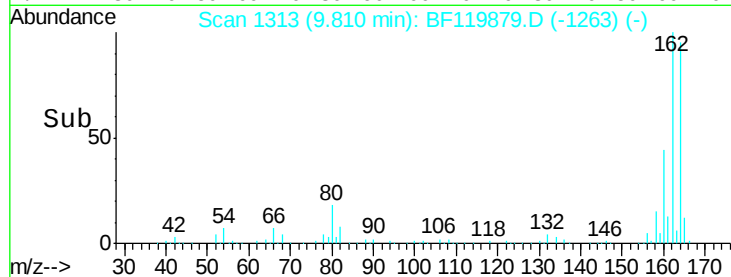
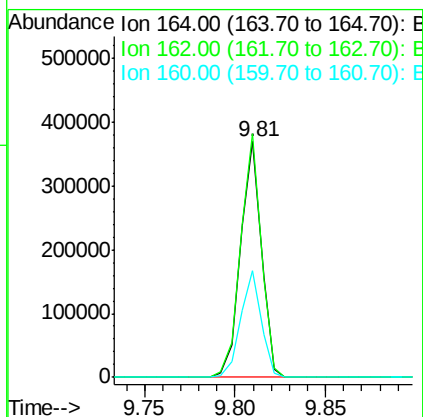
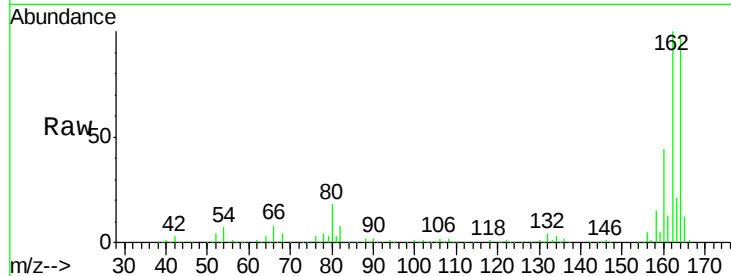




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF119879.D
 Acq: 9 Apr 2020 19:39

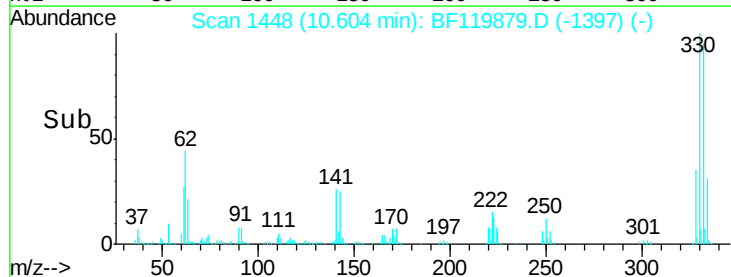
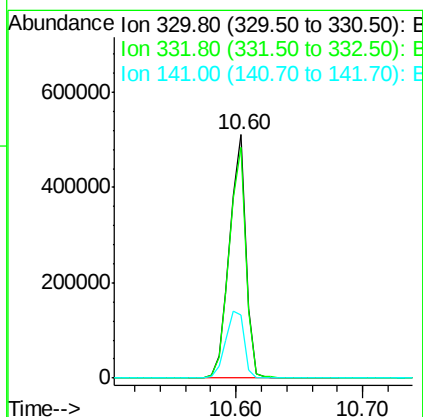
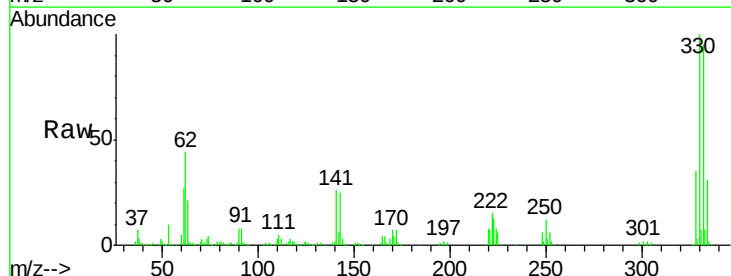
Instrument :
 BNA_F
 ClientSampleId :

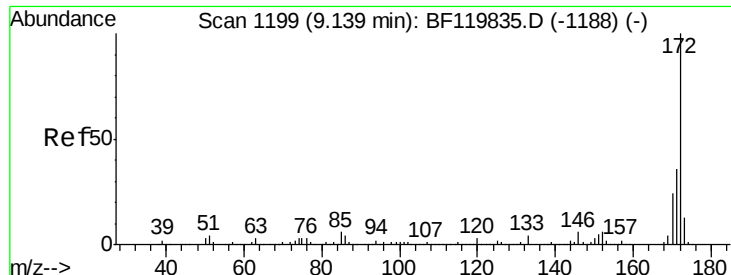
Tot Ion:164 Resp: 296160
 Ion Ratio Lower Upper
 164 100
 162 103.3 81.9 122.9
 160 45.0 36.6 54.8



#42
 2,4,6-Tribromophenol
 Concen: 126.426 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.00 min
 Lab File: BF119879.D
 Acq: 9 Apr 2020 19:39

Tgt Ion:330 Resp: 458420
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.8 115.2
 141 31.3 25.1 37.7

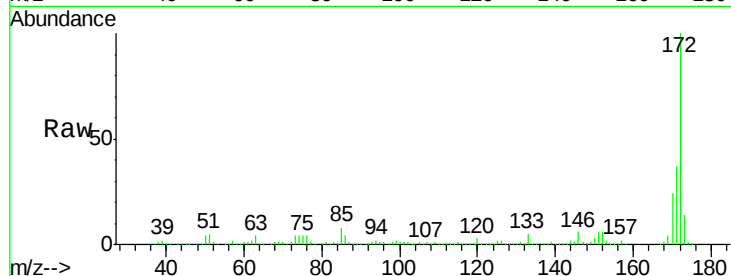




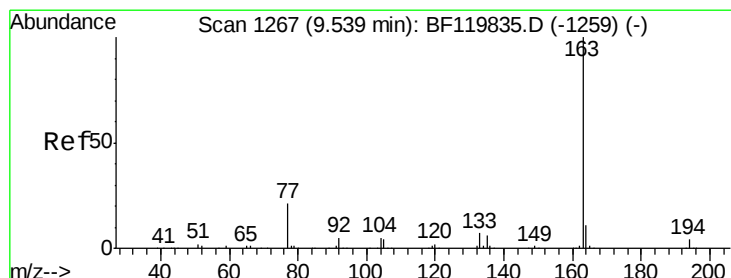
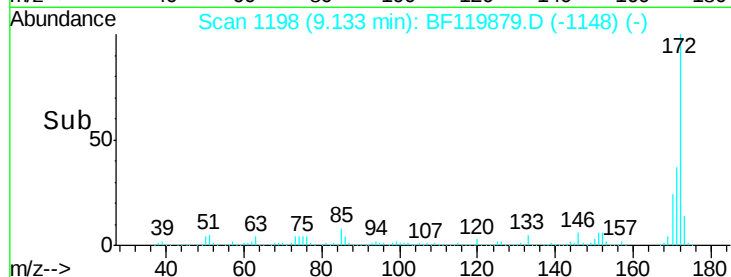
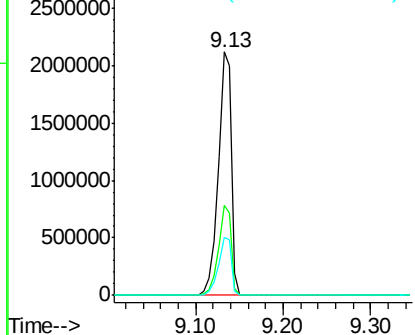
#45
2-Fluorobiphenyl
Concen: 104.875 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BF119879.D
Acq: 9 Apr 2020 19:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2187648
Ion Ratio Lower Upper
172 100
171 36.8 28.9 43.3
170 24.1 19.4 29.2

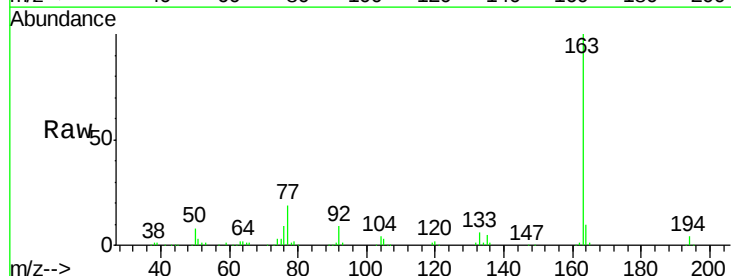


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

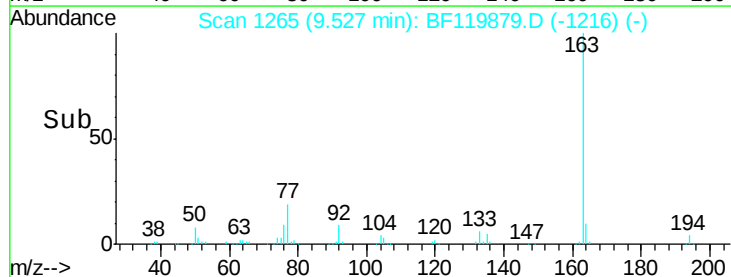
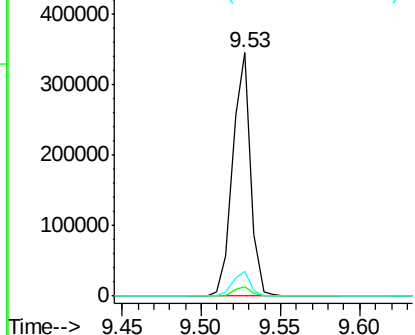


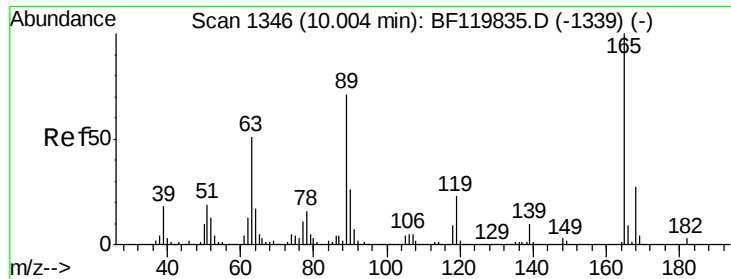
#50
Dimethylphthalate
Concen: 11.790 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF119879.D
Acq: 9 Apr 2020 19:39

Tgt Ion:163 Resp: 270077
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.2 8.4 12.6



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

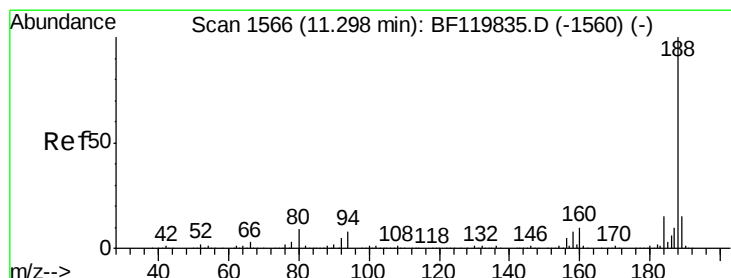
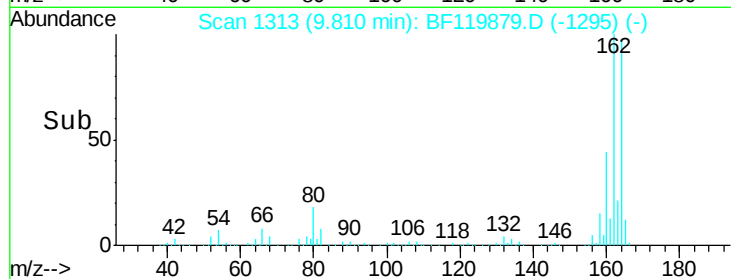
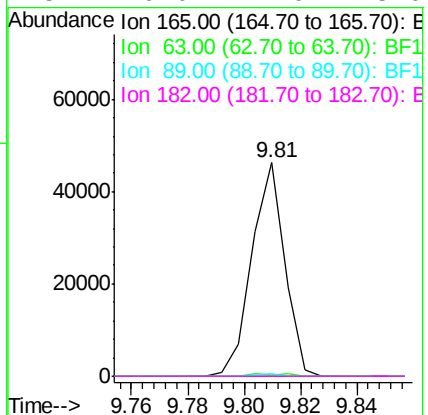
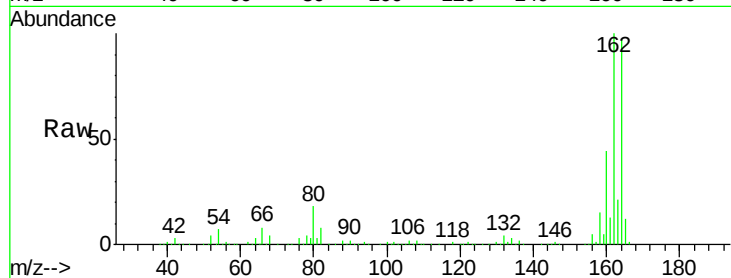




#57
 2,4-Dinitrotoluene
 Concen: 5.668 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.19 min
 Lab File: BF119879.D
 Acq: 9 Apr 2020 19:39

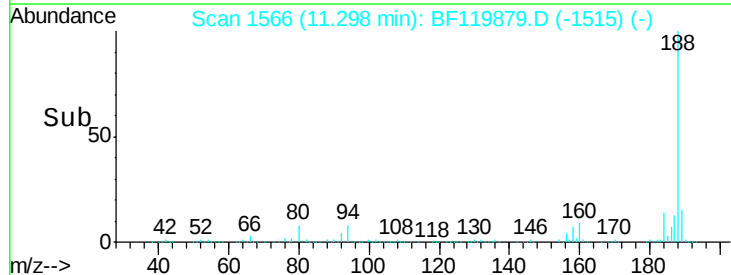
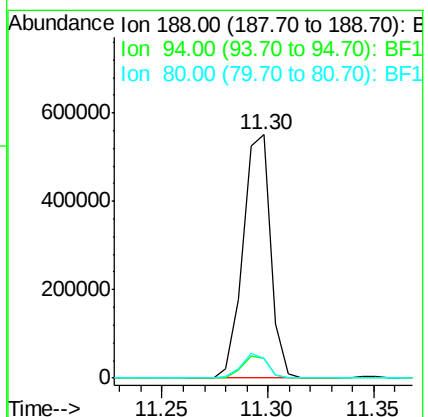
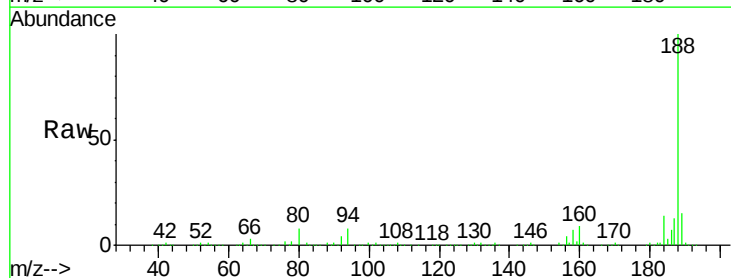
Instrument :
 BNA_F
 ClientSampleId :

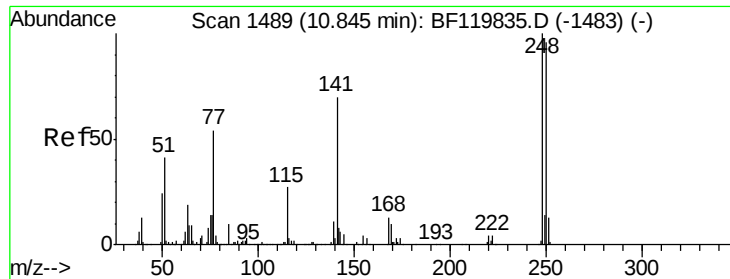
Tot Ion:165 Resp: 37459
 Ion Ratio Lower Upper
 165 100
 63 0.8 40.8 61.2#
 89 1.3 56.9 85.3#
 182 0.0 2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: BF119879.D
 Acq: 9 Apr 2020 19:39

Tgt Ion:188 Resp: 498364
 Ion Ratio Lower Upper
 188 100
 94 8.0 6.7 10.1
 80 7.8 7.4 11.2

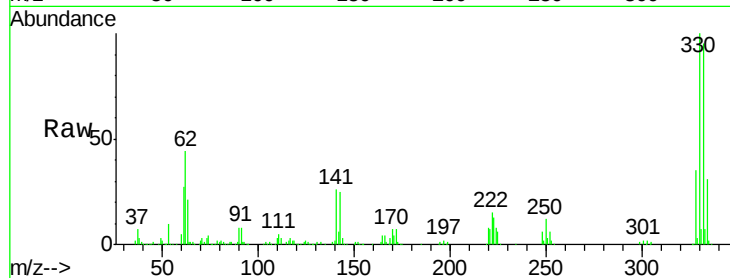




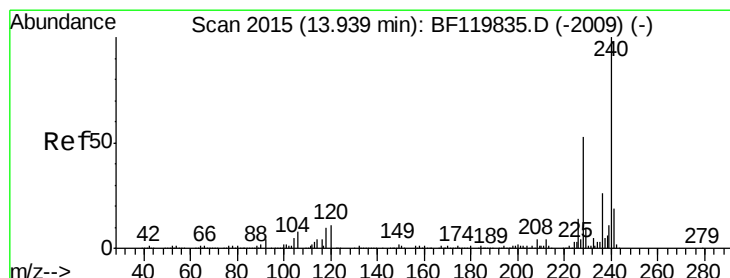
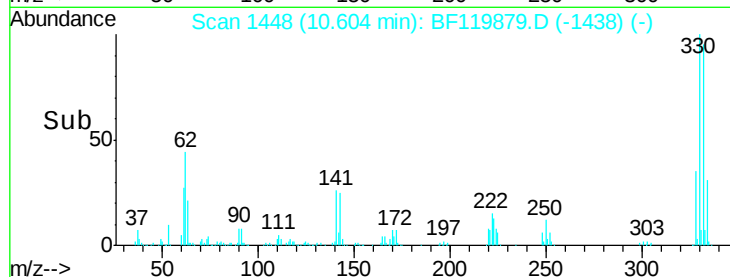
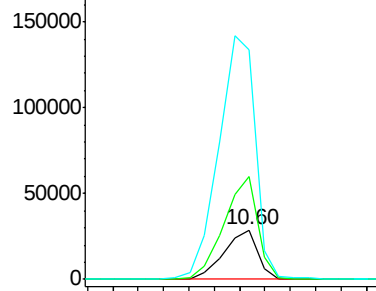
#67
 4-Bromophenyl-phenylether
 Concen: 4.376 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.24 min
 Lab File: BF119879.D
 Acq: 9 Apr 2020 19:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 27119
 Ion Ratio Lower Upper
 248 100
 250 208.1 76.6 114.8#
 141 464.2 55.9 83.9#

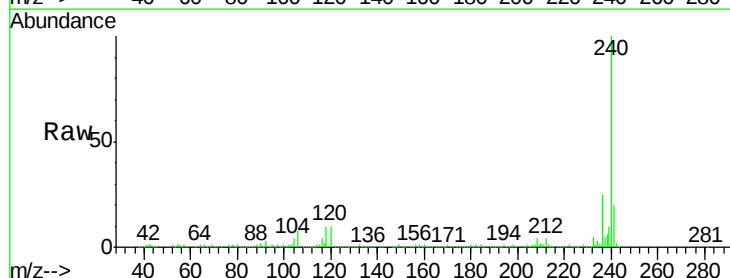


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

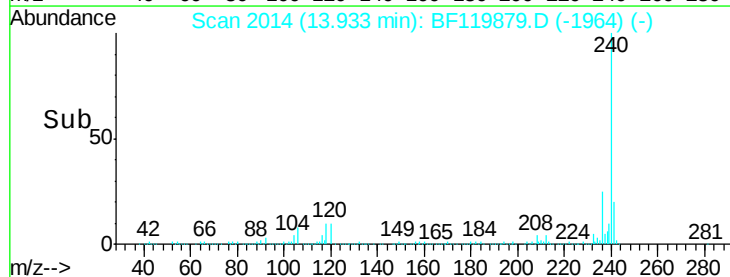
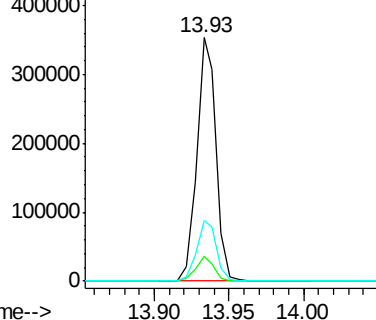


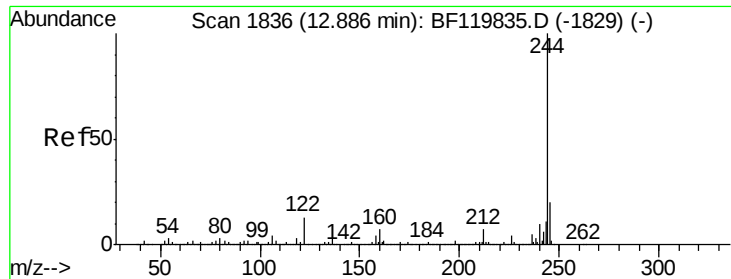
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF119879.D
 Acq: 9 Apr 2020 19:39

Tgt Ion:240 Resp: 320769
 Ion Ratio Lower Upper
 240 100
 120 10.4 9.0 13.6
 236 24.9 20.7 31.1



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: 98.500 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.01 min

Lab File: BF119879.D

Acq: 9 Apr 2020 19:39

Instrument :

BNA_F

ClientSampled :

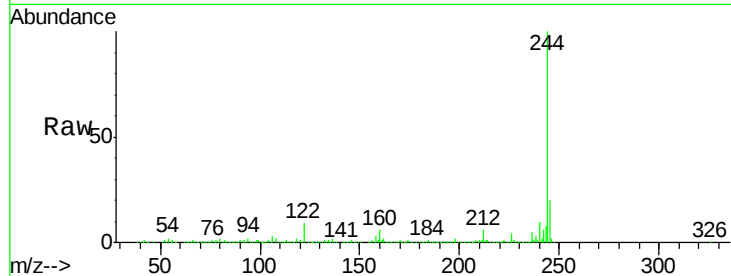
Tot Ion:244 Resp: 1877728

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

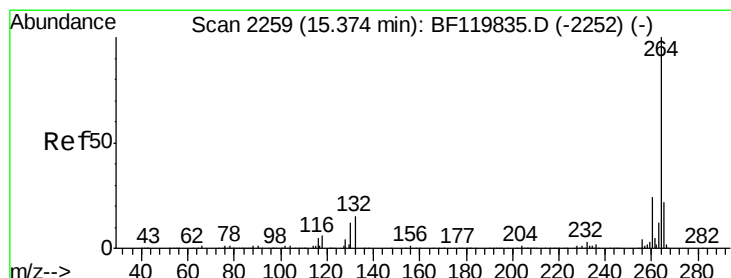
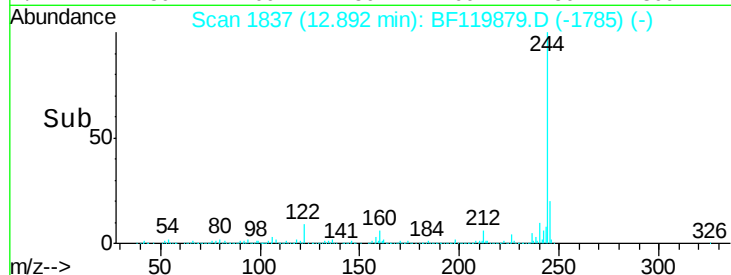
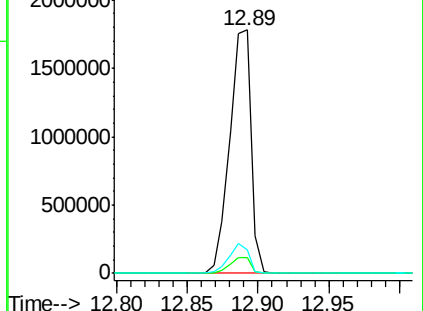
122 9.4 10.3 15.5#



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: 15.37 min Scan# 2259

Delta R.T. -0.00 min

Lab File: BF119879.D

Acq: 9 Apr 2020 19:39

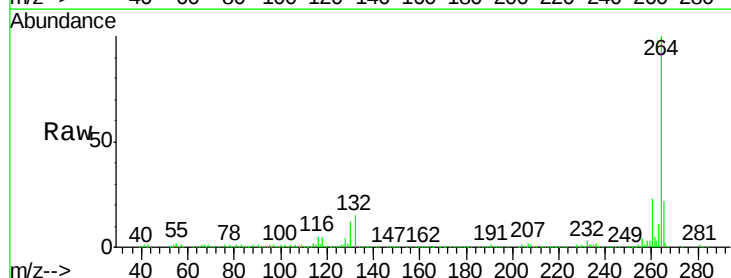
Tgt Ion:264 Resp: 308266

Ion Ratio Lower Upper

264 100

260 22.9 19.3 28.9

265 21.6 17.6 26.4



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

