

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
 Data File : BF119166.D
 Acq On : 2 Mar 2020 11:06
 Operator : CG/JU
 Sample : L1718-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 03 07:18:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

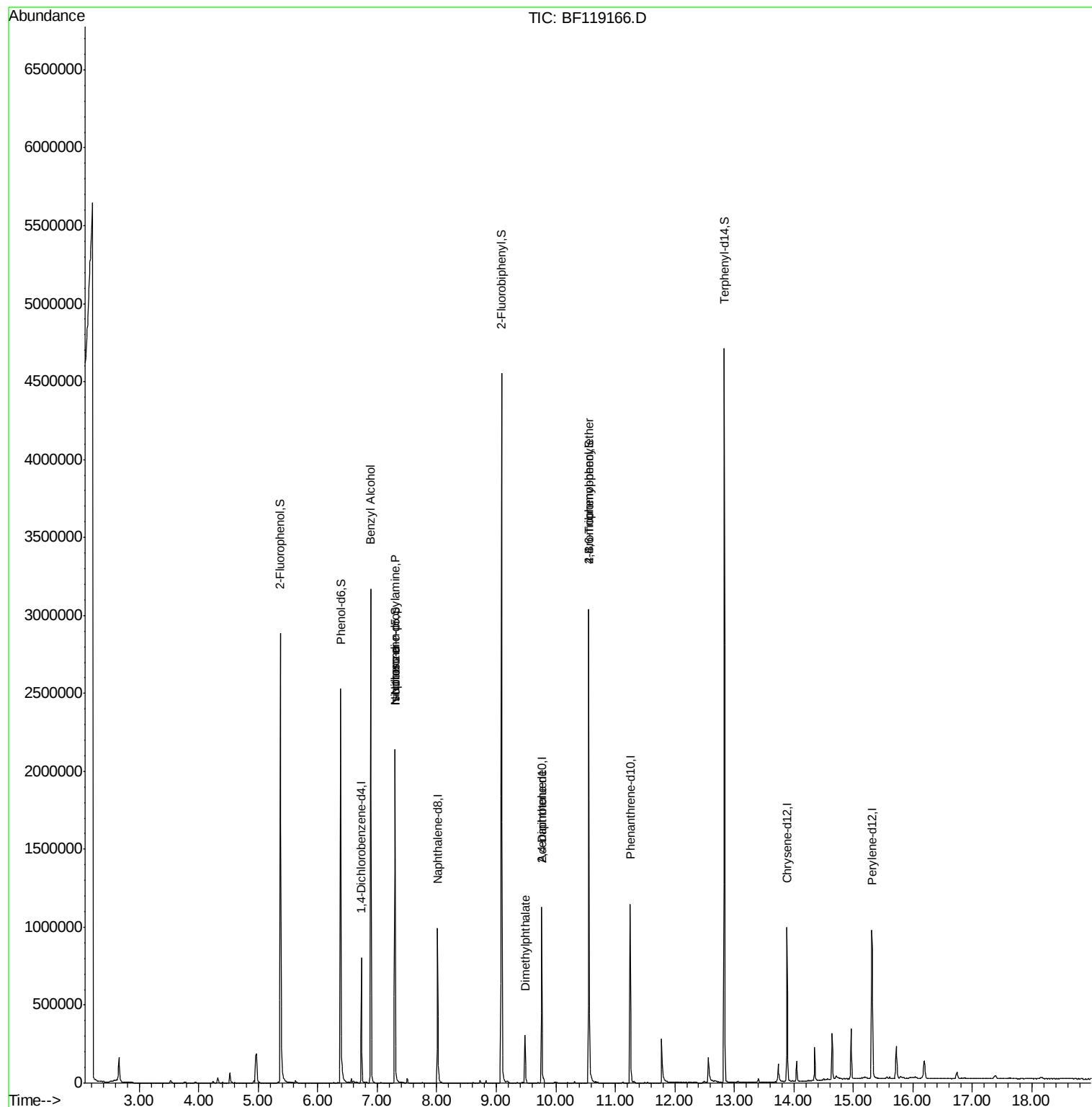
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	125707	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	482693	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	262188	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	455509	20.00	ng	-0.01
76) Chrysene-d12	13.89	240	329249	20.00	ng	-0.02
87) Perylene-d12	15.31	264	364374	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	906075	120.46	ng	0.00
7) Phenol-d6	6.39	99	985543	107.73	ng	-0.02
23) Nitrobenzene-d5	7.30	82	794153	86.87	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	431285	125.74	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	1574827	88.49	ng	-0.02
79) Terphenyl-d14	12.83	244	1707077	89.26	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	6.89	79	13666	2.067	ng	# 48
19) n-Nitroso-di-n-propylamine	7.30	70	109033	20.454	ng	# 76
25) Isophorone	7.30	82	790695	49.802	ng	# 63
50) Dimethylphthalate	9.49	163	149545	7.459	ng	97
57) 2,4-Dinitrotoluene	9.76	165	33603	5.820	ng	# 21
67) 4-Bromophenyl-phenylether	10.56	248	28043	4.710	ng	# 1

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

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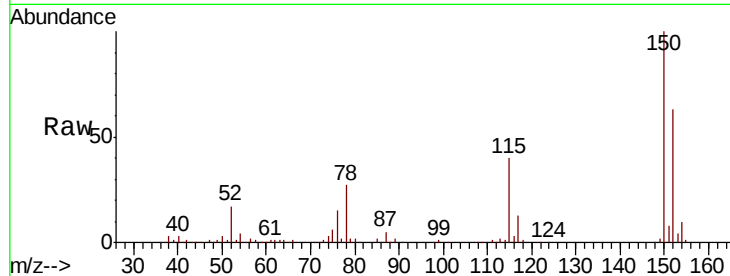


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119166.D
Acq: 2 Mar 2020 11:06

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	123.0	184.6
115	63.0	49.5	74.3

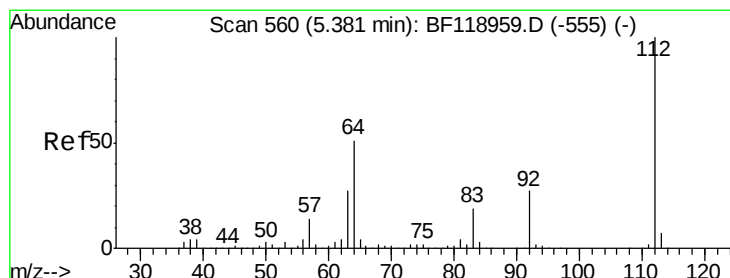
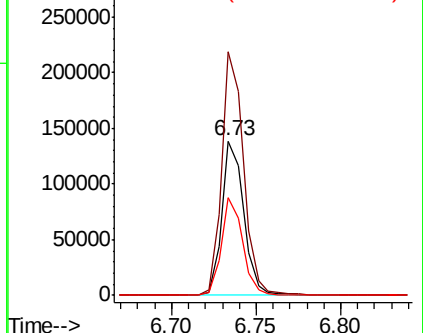
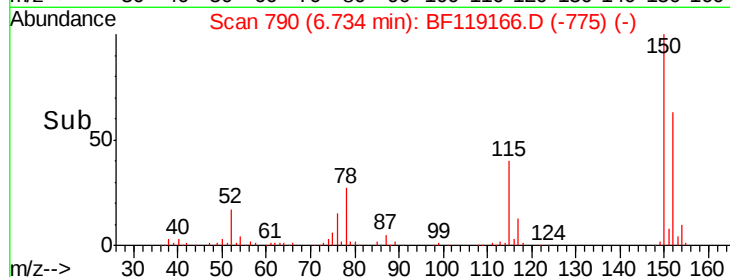


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

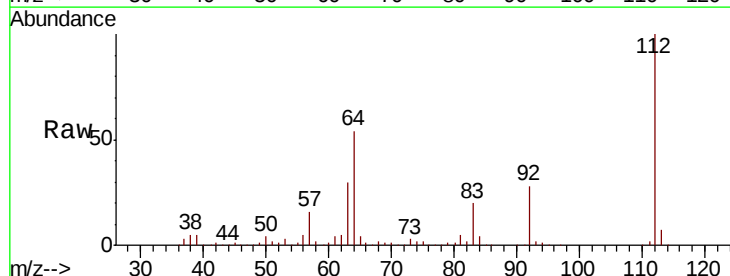
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 120.456 ng
RT: 5.37 min Scan# 559
Delta R.T. 0.01 min
Lab File: BF119166.D
Acq: 2 Mar 2020 11:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	45.0	67.4
63	29.7	24.2	36.4

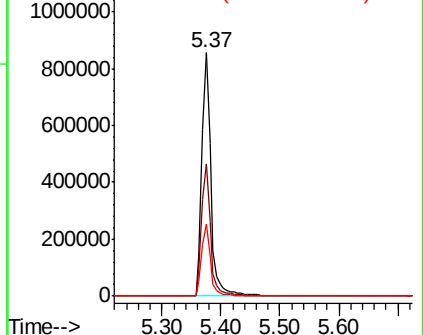
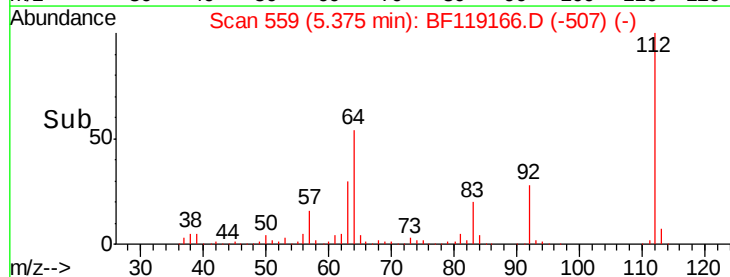


Abundance

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: 107.731 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119166.D

Acq: 2 Mar 2020 11:06

Instrument :

BNA_F

ClientSampleId :

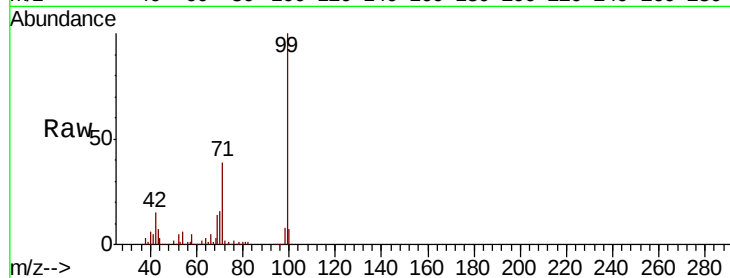
Tot Ion: 99 Resp: 985543

Ion Ratio Lower Upper

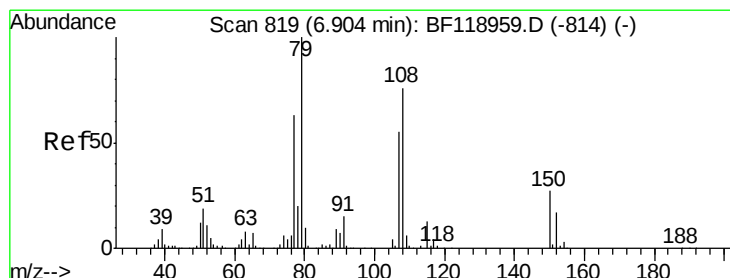
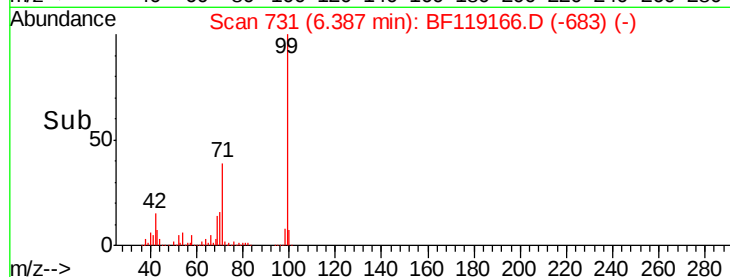
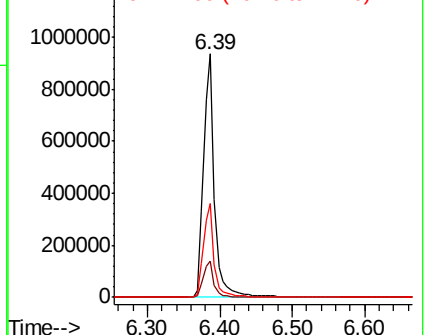
99 100

42 14.7 12.6 18.8

71 38.6 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: 2.067 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF119166.D

Acq: 2 Mar 2020 11:06

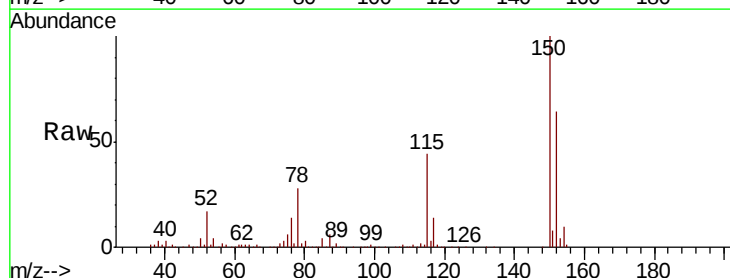
Tgt Ion: 79 Resp: 13666

Ion Ratio Lower Upper

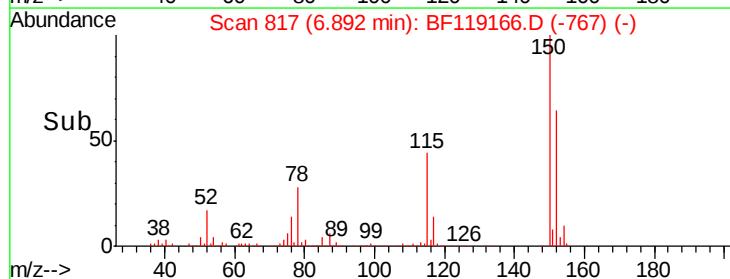
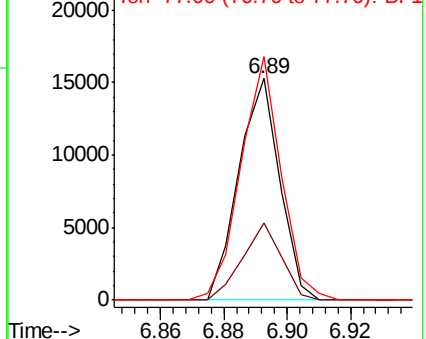
79 100

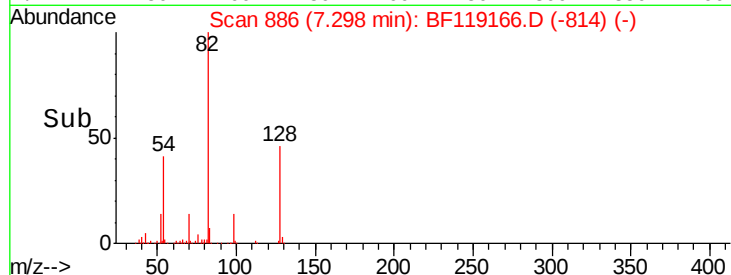
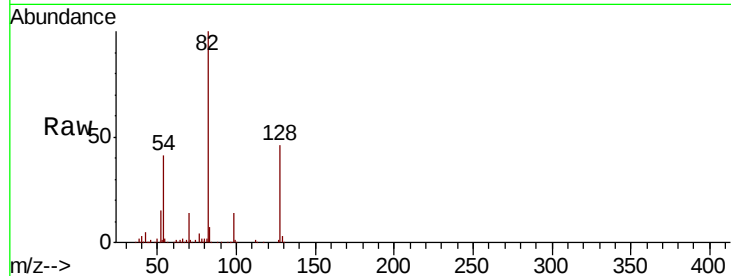
108 34.6 58.2 87.2#

77 109.9 51.2 76.8#



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

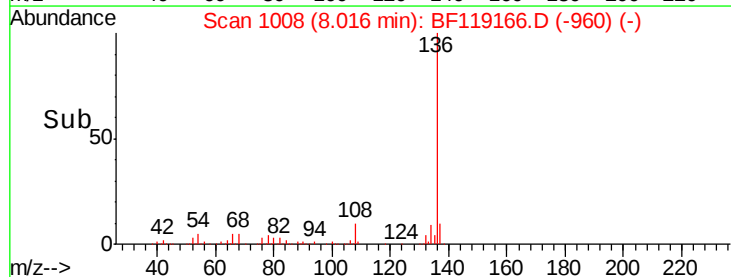
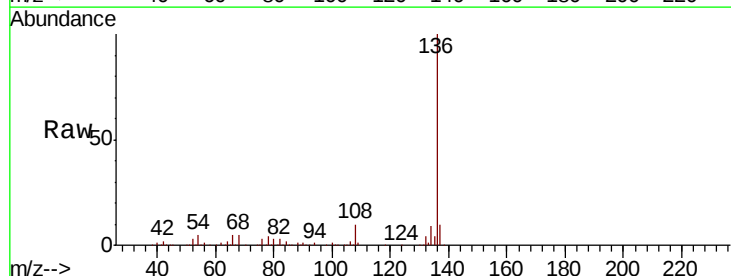
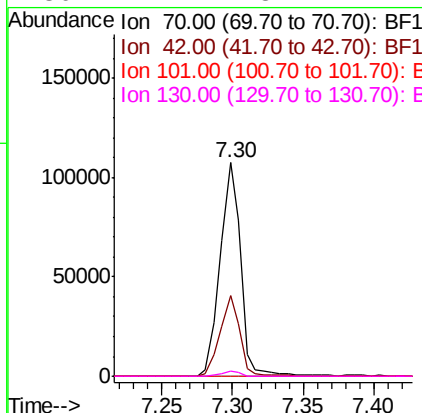




#19
n-Nitroso-di-n-propylamine
Concen: 20.454 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.12 min
Lab File: BF119166.D
Acq: 2 Mar 2020 11:06

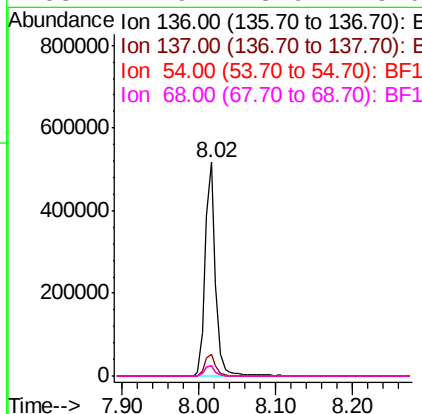
Instrument :
BNA_F
ClientSampleId :

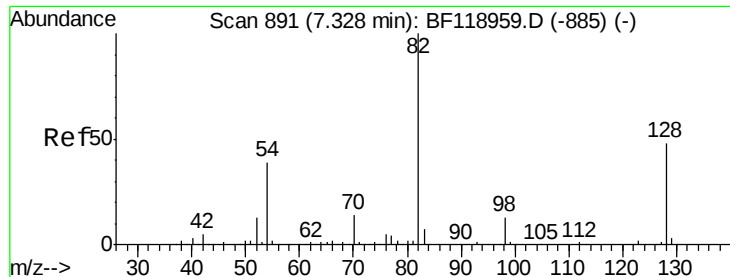
Tot Ion: 70 Resp: 109033
Ion Ratio Lower Upper
70 100
42 37.8 38.0 57.0#
101 0.0 8.2 12.4#
130 2.2 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF119166.D
Acq: 2 Mar 2020 11:06

Tgt Ion: 136 Resp: 482693
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 4.7 3.8 5.6
68 4.9 3.9 5.9

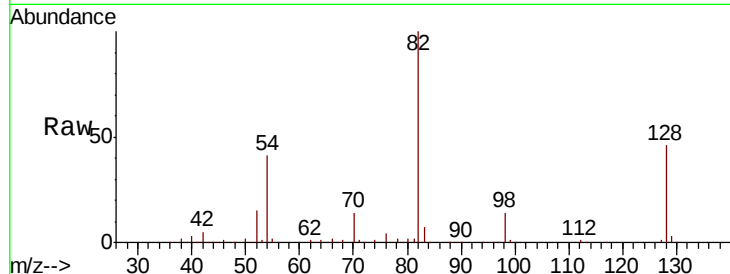




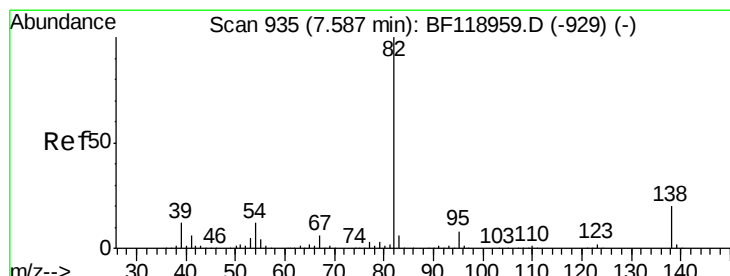
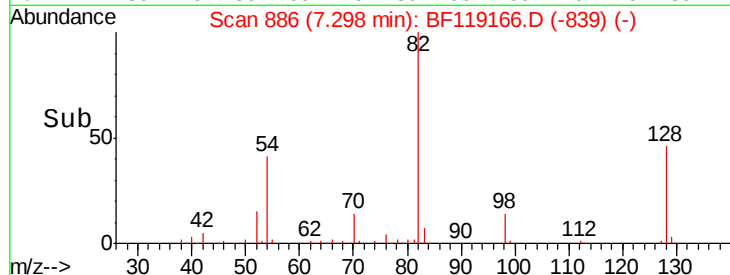
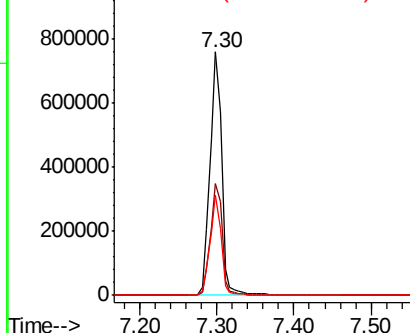
#23
Nitrobenzene-d5
Concen: 86.869 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF119166.D
Acq: 2 Mar 2020 11:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 794153
Ion Ratio Lower Upper
82 100
128 45.7 37.9 56.9
54 41.1 33.4 50.2

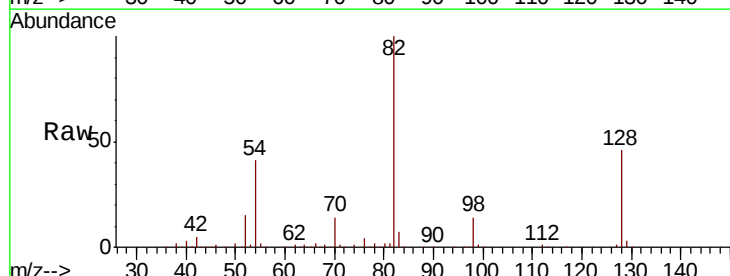


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

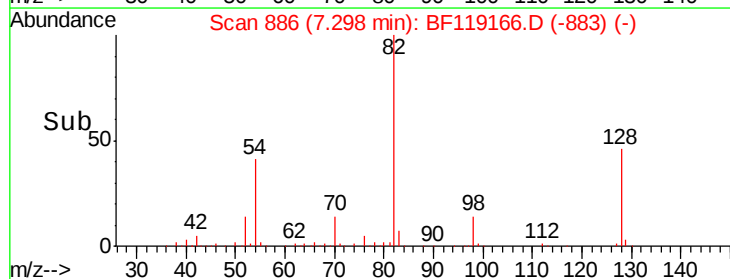
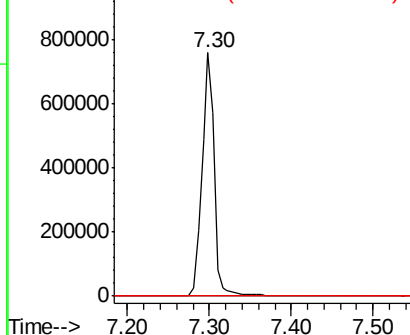


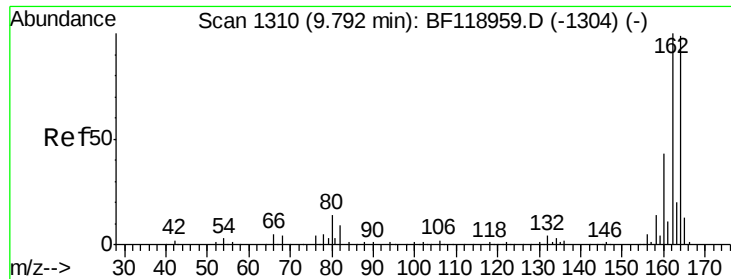
#25
Isophorone
Concen: 49.802 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.28 min
Lab File: BF119166.D
Acq: 2 Mar 2020 11:06

Tgt Ion: 82 Resp: 790695
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 15.7 23.5#



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: 9.76 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BF119166.D

Acq: 2 Mar 2020 11:06

Instrument :

BNA_F

ClientSampleId :

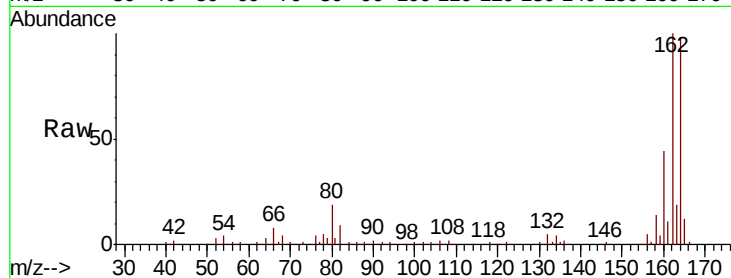
Tot Ion:164 Resp: 262188

Ion Ratio Lower Upper

164 100

162 102.4 81.8 122.8

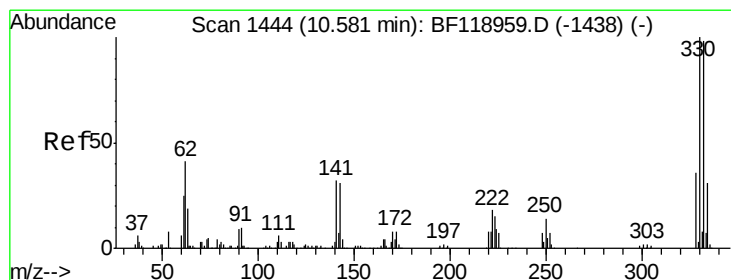
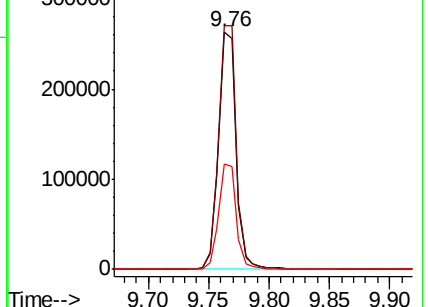
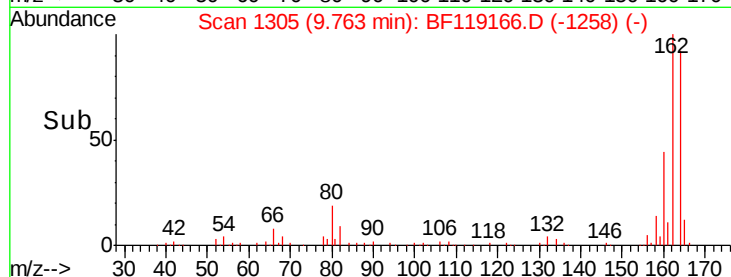
160 44.6 36.0 54.0



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: 125.744 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.02 min

Lab File: BF119166.D

Acq: 2 Mar 2020 11:06

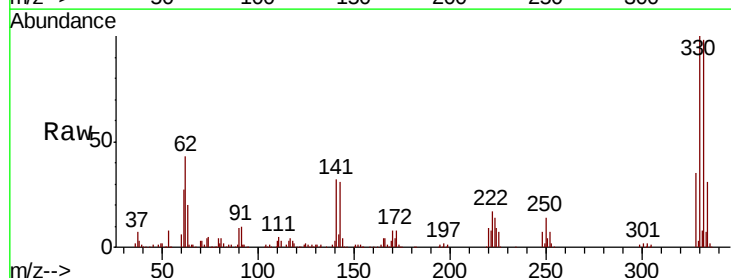
Tgt Ion:330 Resp: 431285

Ion Ratio Lower Upper

330 100

332 96.0 76.0 114.0

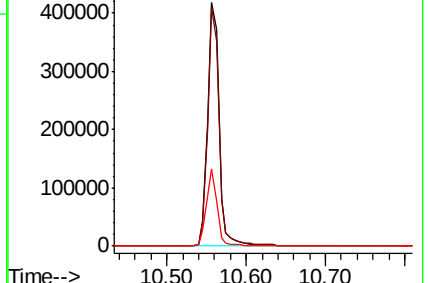
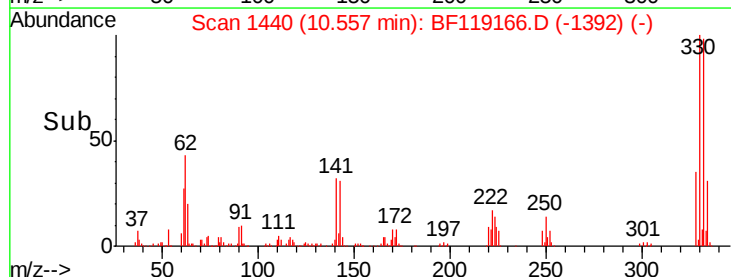
141 29.8 22.9 34.3

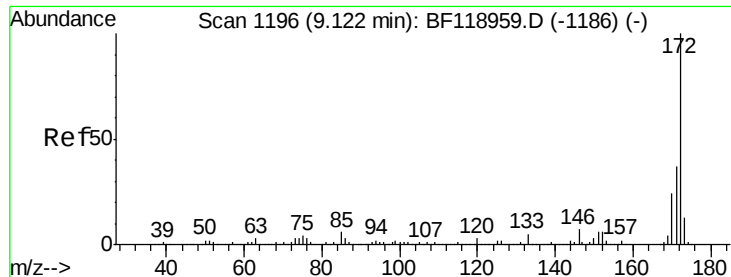


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

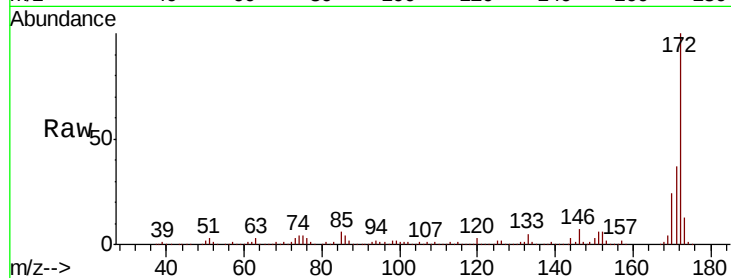




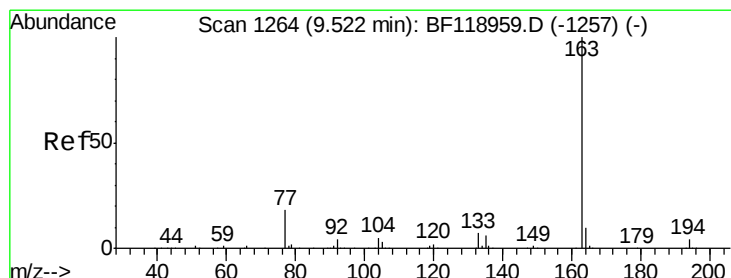
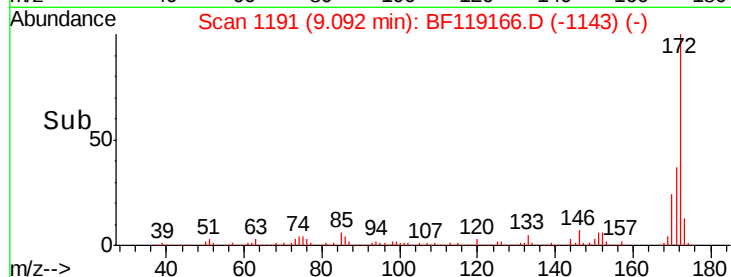
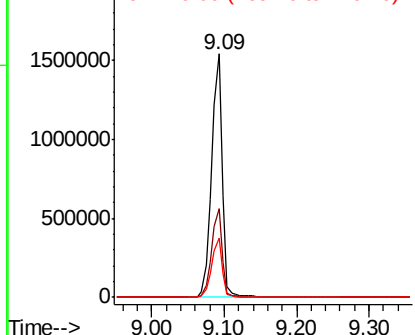
#45
2-Fluorobiphenyl
Concen: 88.486 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.02 min
Lab File: BF119166.D
Acq: 2 Mar 2020 11:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1574827
Ion Ratio Lower Upper
172 100
171 36.6 30.6 45.8
170 24.4 20.2 30.2

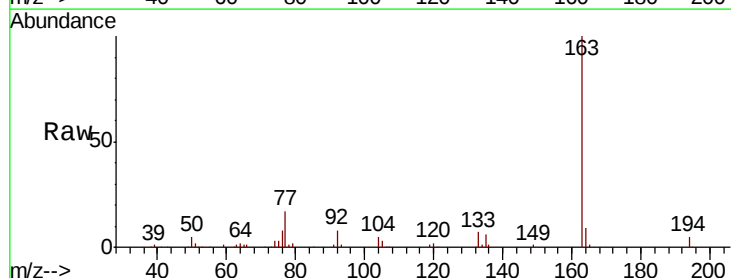


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

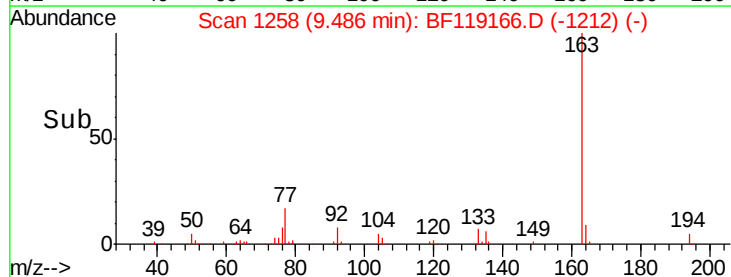
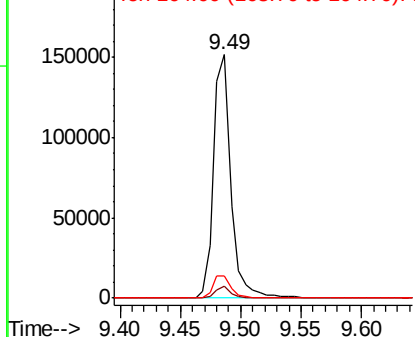


#50
Dimethylphthalate
Concen: 7.459 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.03 min
Lab File: BF119166.D
Acq: 2 Mar 2020 11:06

Tgt Ion:163 Resp: 149545
Ion Ratio Lower Upper
163 100
194 4.7 3.5 5.3
164 9.3 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

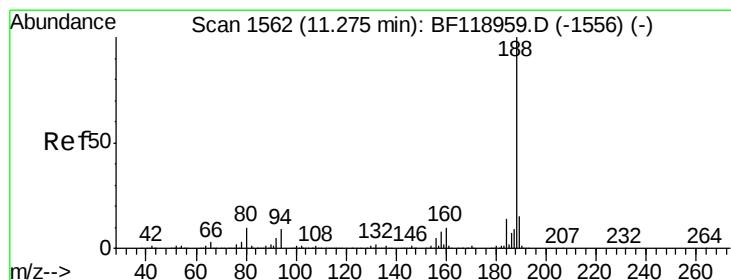
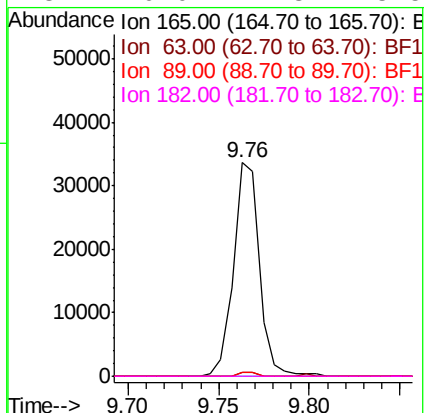
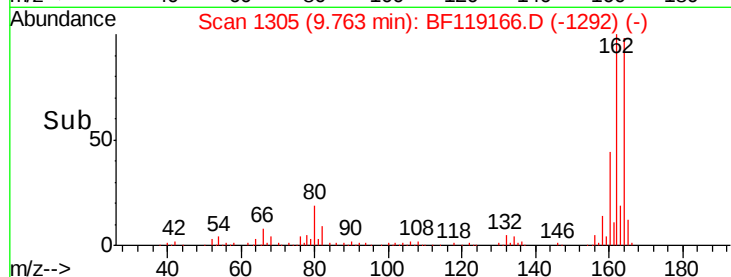
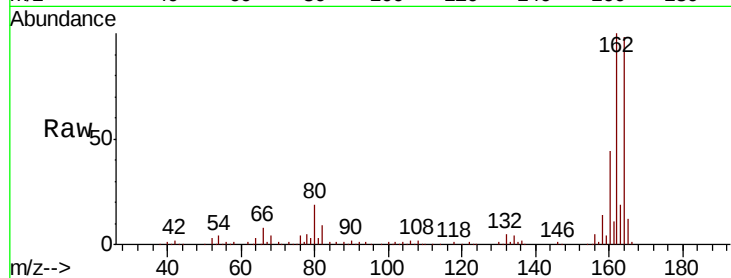




#57
2,4-Dinitrotoluene
Concen: 5.820 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.22 min
Lab File: BF119166.D
Acq: 2 Mar 2020 11:06

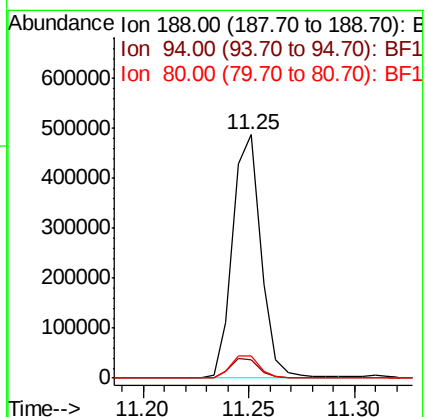
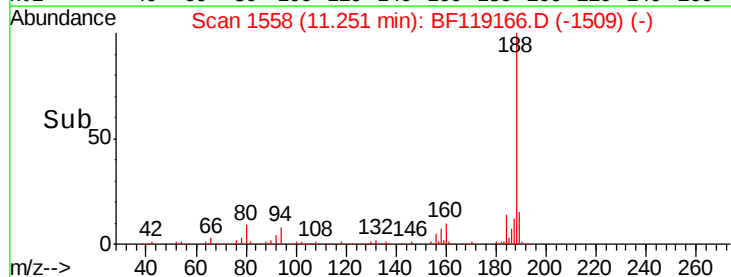
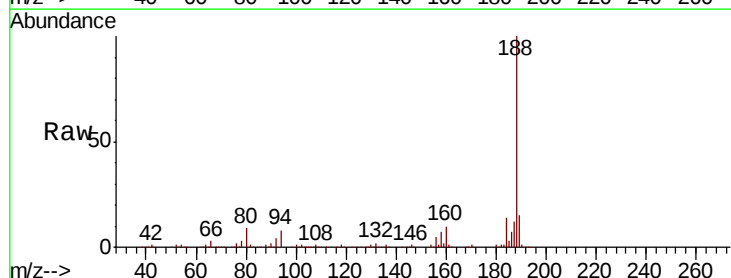
Instrument :
BNA_F
ClientSampled :

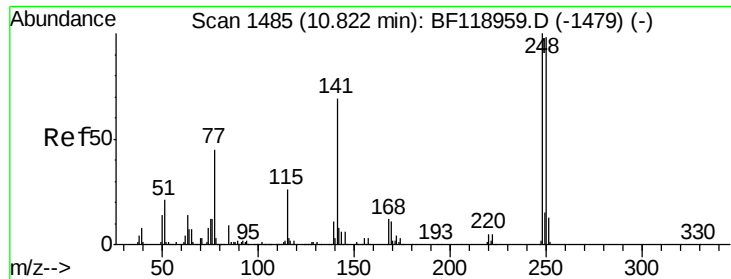
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	42.3	63.5#
89	1.8	60.2	90.4#
182	0.0	2.3	3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF119166.D
Acq: 2 Mar 2020 11:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	7.1	10.7
80	8.9	7.8	11.8

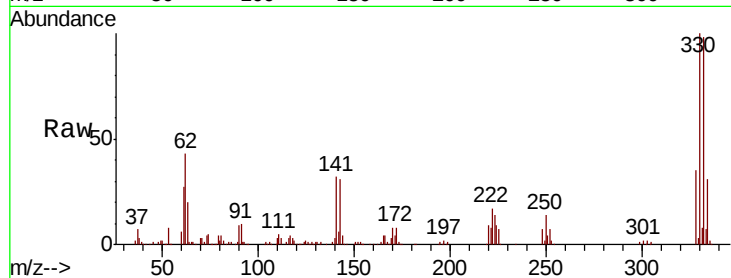




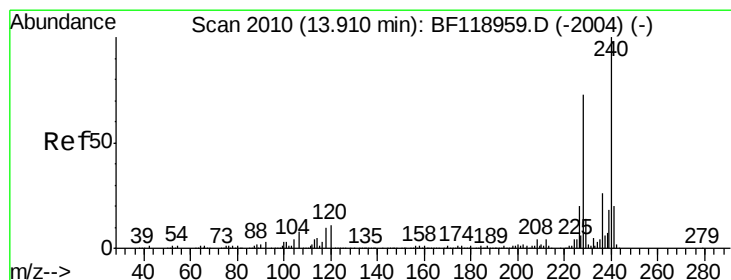
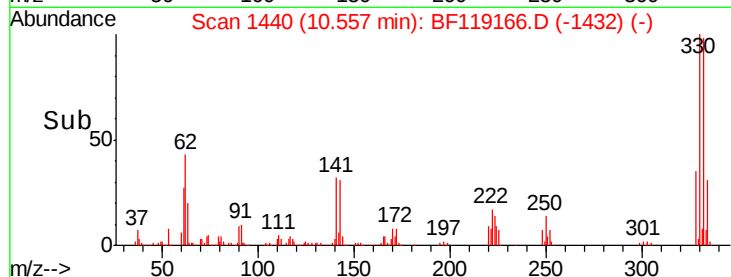
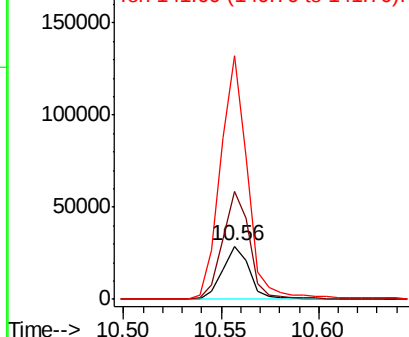
#67
4-Bromophenyl-phenylether
Concen: 4.710 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.25 min
Lab File: BF119166.D
Acq: 2 Mar 2020 11:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 28043
Ion Ratio Lower Upper
248 100
250 203.7 76.7 115.1#
141 457.1 60.7 91.1#

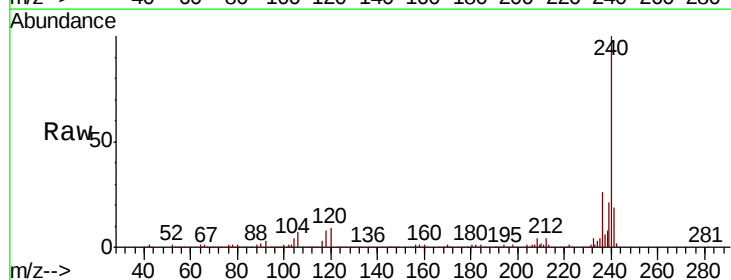


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

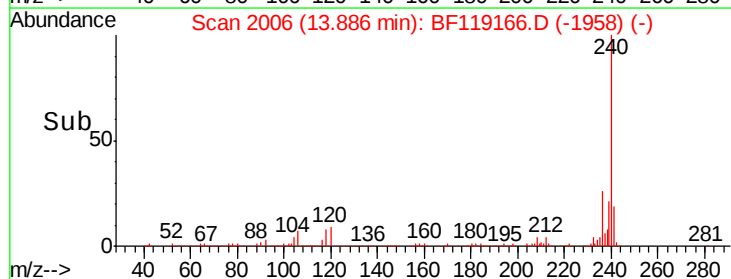
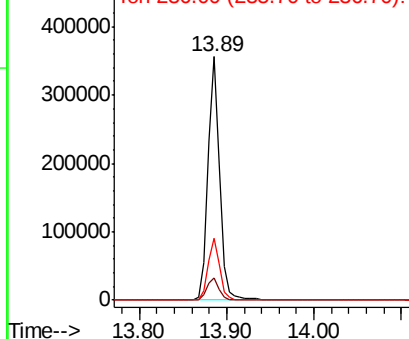


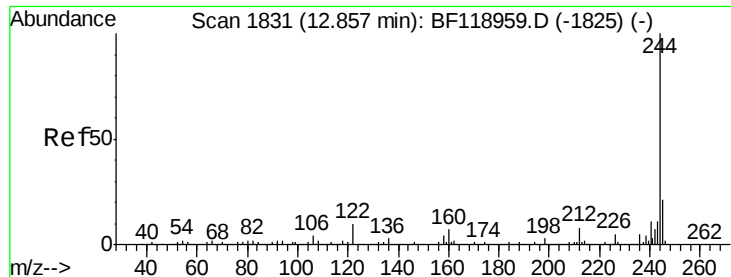
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF119166.D
Acq: 2 Mar 2020 11:06

Tgt Ion:240 Resp: 329249
Ion Ratio Lower Upper
240 100
120 9.3 8.4 12.6
236 25.6 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: 89.265 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF119166.D

Acq: 2 Mar 2020 11:06

Instrument :

BNA_F

ClientSampleId :

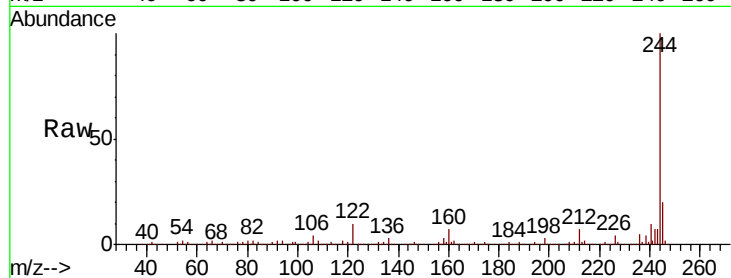
Tot Ion:244 Resp: 1707077

Ion Ratio Lower Upper

244 100

212 7.4 6.6 10.0

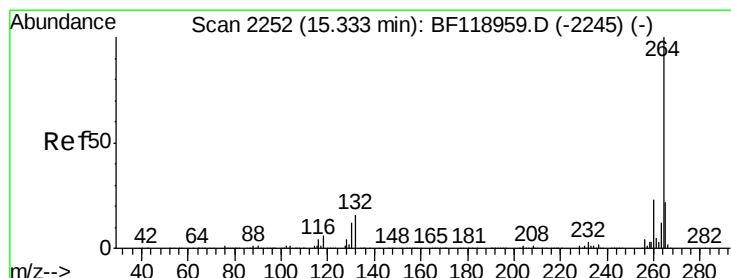
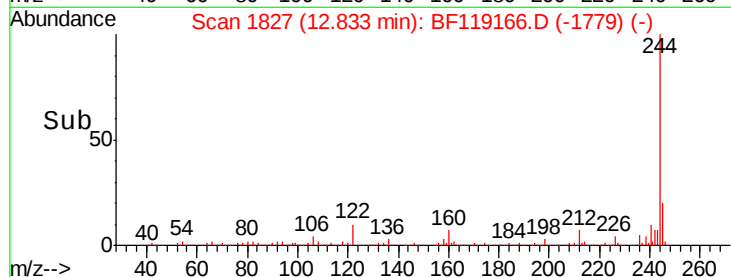
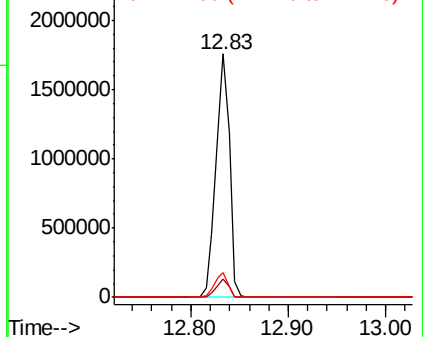
122 10.1 8.2 12.2



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. -0.01 min

Lab File: BF119166.D

Acq: 2 Mar 2020 11:06

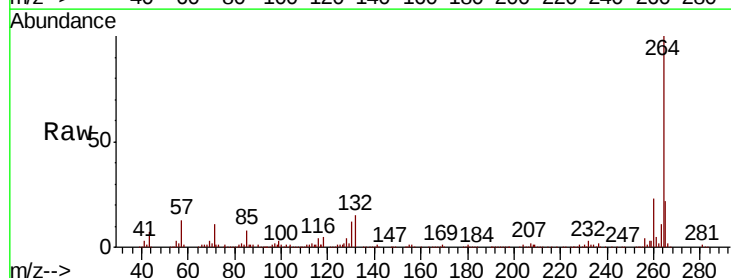
Tgt Ion:264 Resp: 364374

Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.2

265 22.1 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

