

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
 Data File : BF120530.D
 Acq On : 4 Jun 2020 13:36
 Operator : JU/CG
 Sample : PB129254BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB129254BL

Quant Time: Jun 04 14:53:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 03 14:26:17 2020
 Response via : Initial Calibration

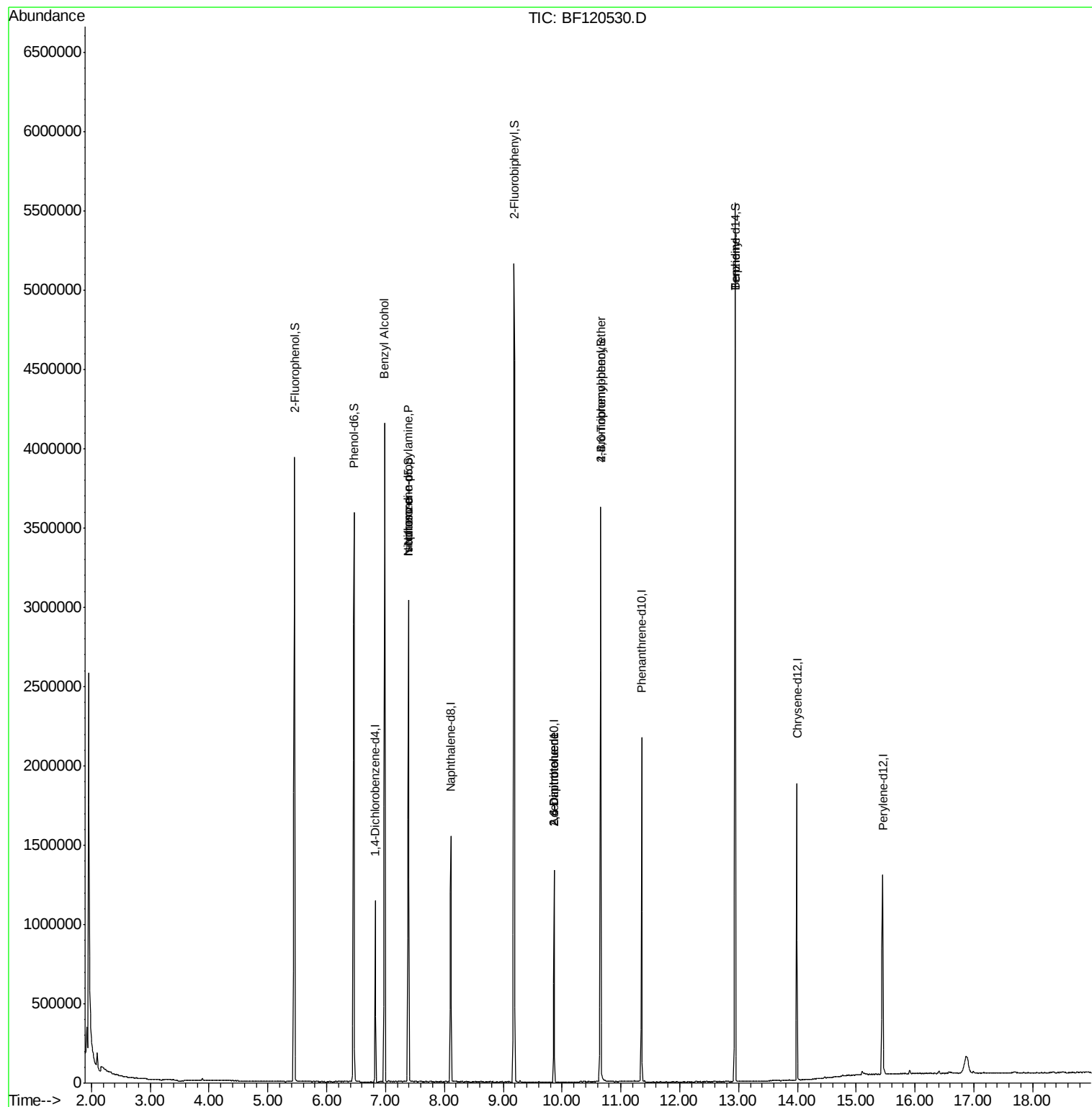
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	168134	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	698827	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	271018	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	766986	20.00	ng	-0.01
76) Chrysene-d12	13.99	240	609120	20.00	ng	-0.02
86) Perylene-d12	15.45	264	627996	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1342437	152.16	ng	0.00
7) Phenol-d6	6.46	99	1713367	157.56	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1169900	109.51	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	592909	236.12	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	2053521	128.56	ng	-0.01
79) Terphenyl-d14	12.94	244	2543206	92.91	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.99	79	18345	2.238	ng	# 45
19) n-Nitroso-di-n-propylamine	7.39	70	155132	22.442	ng	# 78
25) Isophorone	7.39	82	1165158	54.264	ng	# 64
51) 2,6-Dinitrotoluene	9.86	165	34700	9.216	ng	# 26
57) 2,4-Dinitrotoluene	9.86	165	34700	7.201	ng	# 26
67) 4-Bromophenyl-phenylether	10.66	248	35320	4.562	ng	# 1
77) Benzidine	12.94	184	32442	2.027	ng	# 95

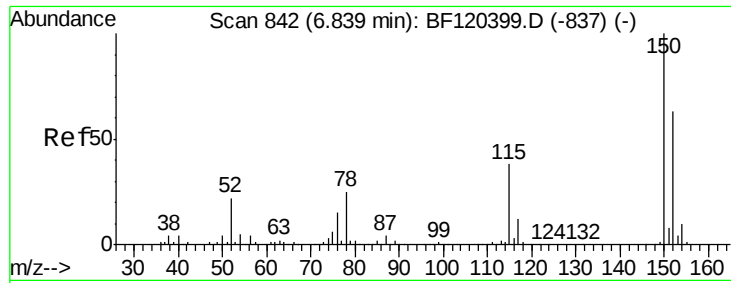
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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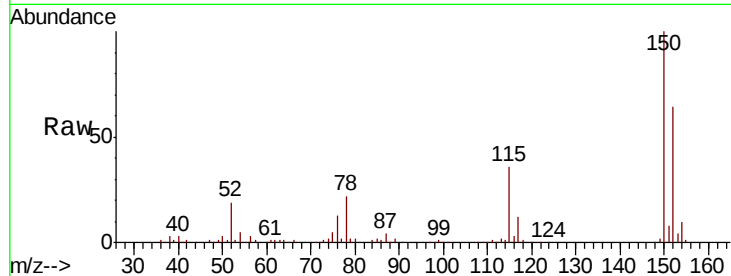


#1

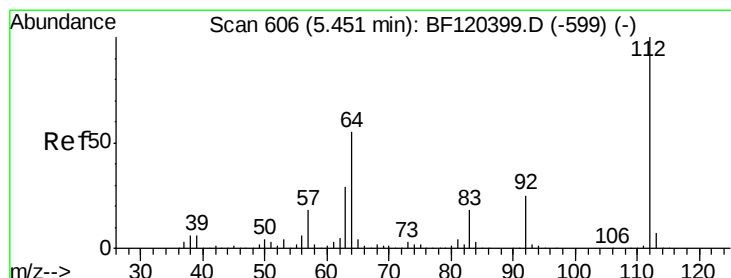
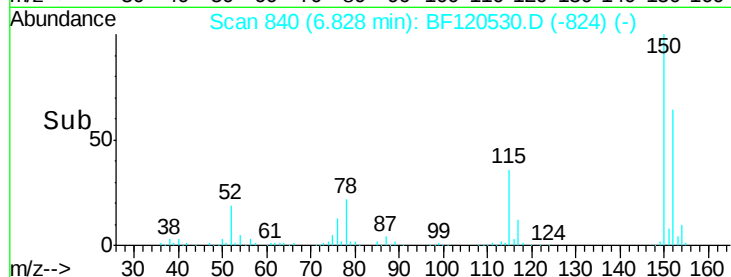
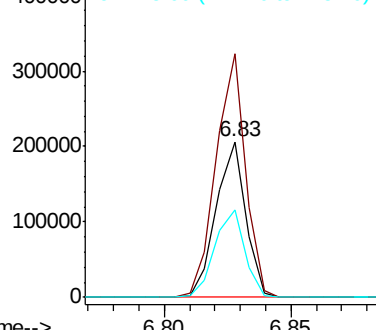
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF120530.D
Acq: 4 Jun 2020 13:36

Instrument :
BNA_F
ClientSampleId :
PB129254BL

Tot Ion:152 Resp: 168134
Ion Ratio Lower Upper
152 100
150 156.5 127.1 190.7
115 56.3 48.7 73.1



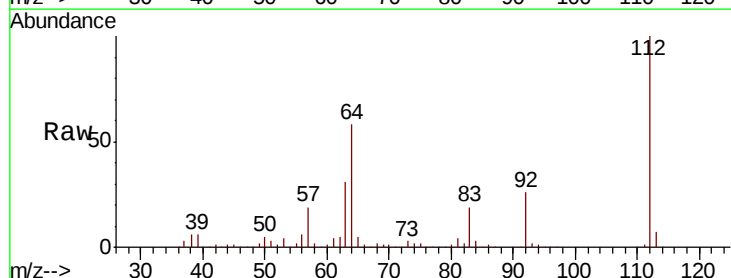
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



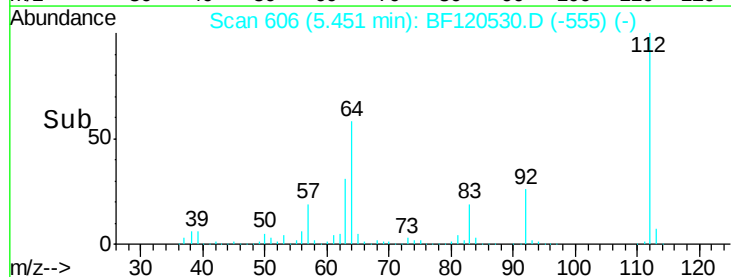
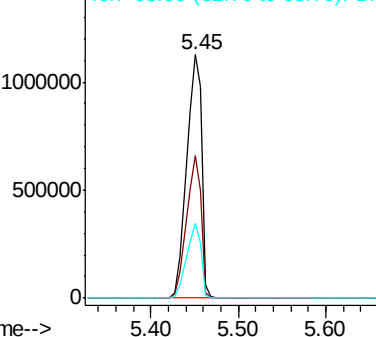
#5

2-Fluorophenol
Concen: 152.161 ng
RT: 5.45 min Scan# 606
Delta R.T. 0.00 min
Lab File: BF120530.D
Acq: 4 Jun 2020 13:36

Tgt Ion:112 Resp: 1342437
Ion Ratio Lower Upper
112 100
64 58.4 45.8 68.8
63 30.6 23.7 35.5



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: 157.561 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF120530.D

Acq: 4 Jun 2020 13:36

Instrument :

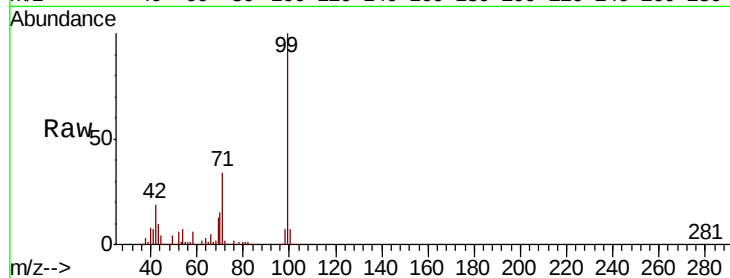
BNA_F

ClientSampleId :

PB129254BL

Tot Ion: 99 Resp: 1713367

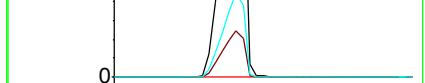
Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.0	22.4
71	34.4	26.3	39.5



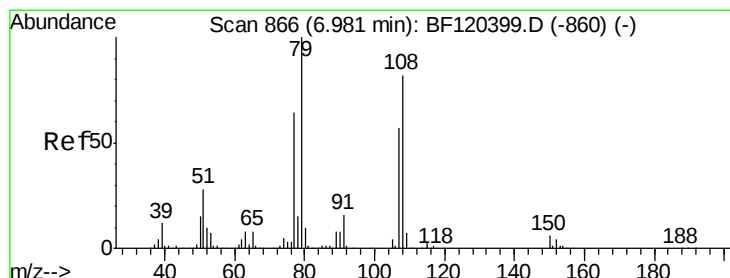
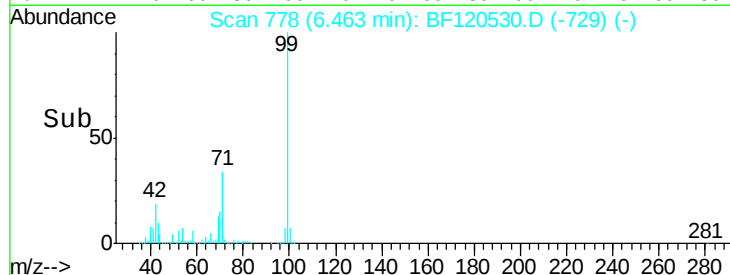
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#15

Benzyl Alcohol

Concen: 2.238 ng

RT: 6.99 min Scan# 867

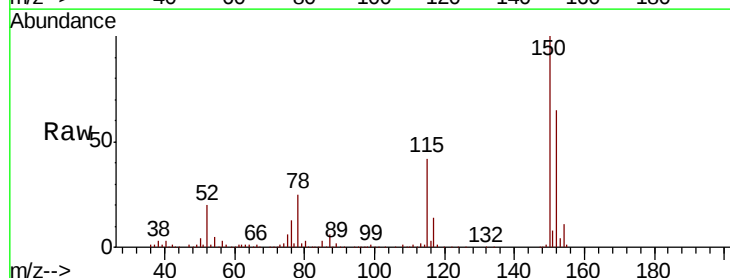
Delta R.T. 0.01 min

Lab File: BF120530.D

Acq: 4 Jun 2020 13:36

Tgt Ion: 79 Resp: 18345

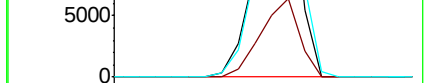
Ion	Ratio	Lower	Upper
79	100		
108	34.9	64.6	96.8#
77	107.7	50.2	75.2#



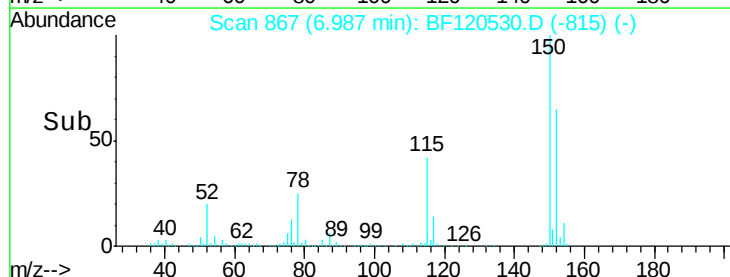
Abundance Ion 79.00 (78.70 to 79.70): BF1

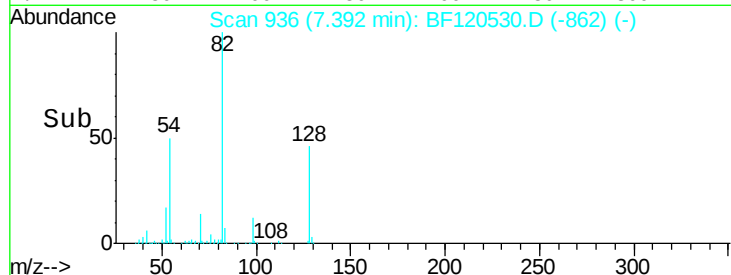
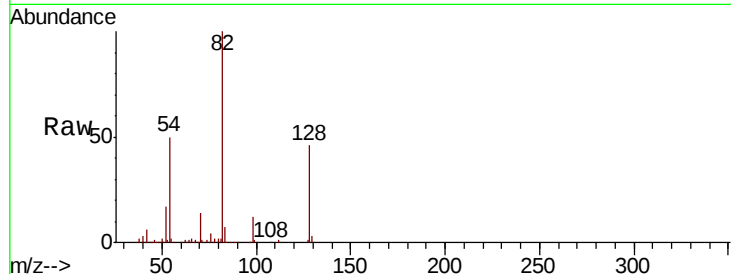
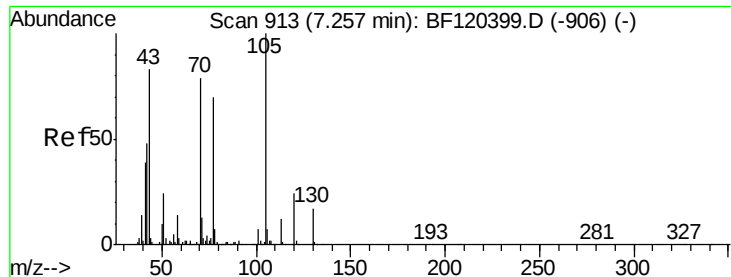
Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



Time-->

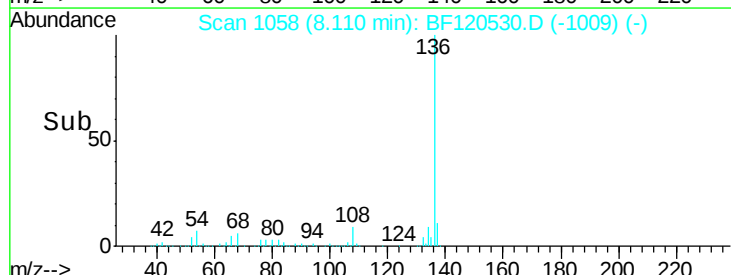
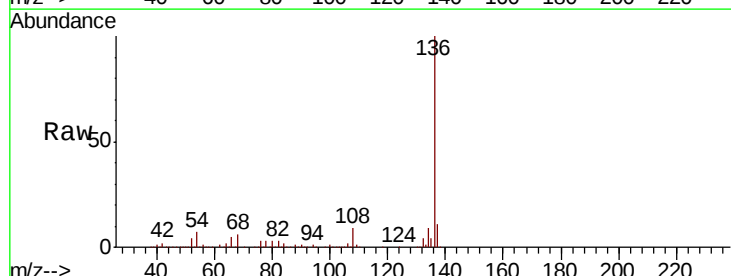
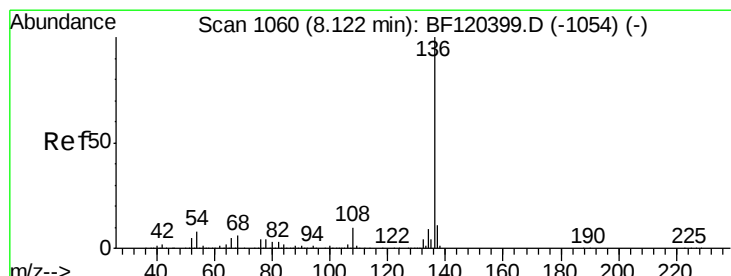
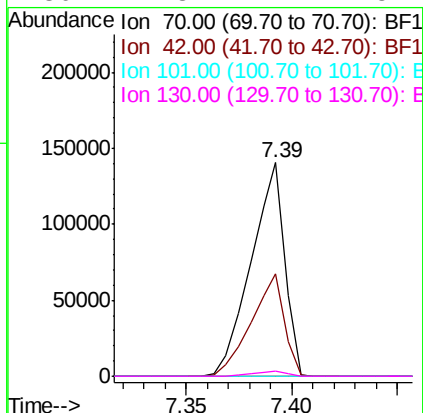




#19
n-Nitroso-di-n-propylamine
Concen: 22.442 ng
RT: 7.39 min Scan# 936
Delta R.T. 0.14 min
Lab File: BF120530.D
Acq: 4 Jun 2020 13:36

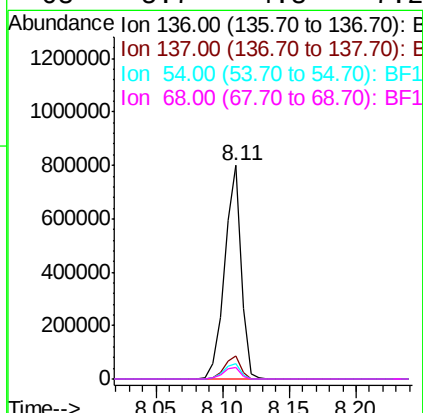
Instrument :
BNA_F
ClientSampleId :
PB129254BL

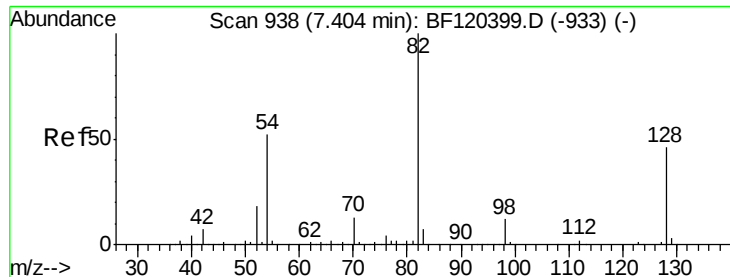
Tot Ion: 70 Resp: 155132
Ion Ratio Lower Upper
70 100
42 47.8 47.6 71.4
101 0.0 7.4 11.0#
130 2.3 17.1 25.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF120530.D
Acq: 4 Jun 2020 13:36

Tgt Ion: 136 Resp: 698827
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 7.2 6.0 9.0
68 5.7 4.8 7.2

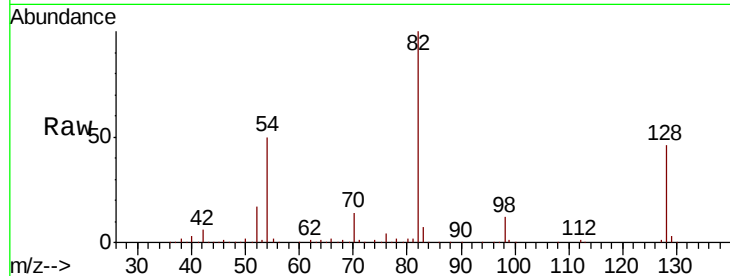




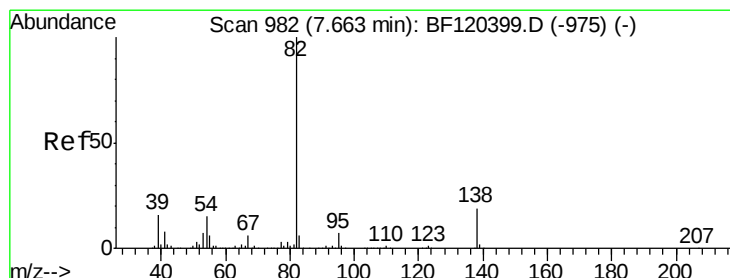
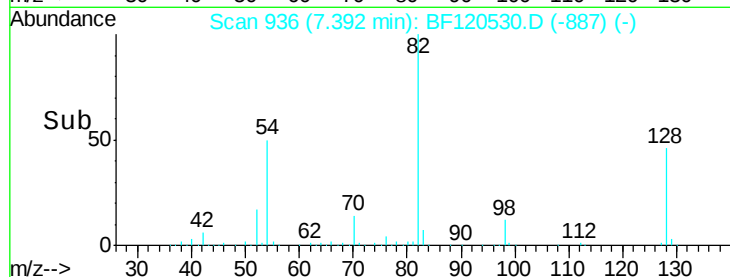
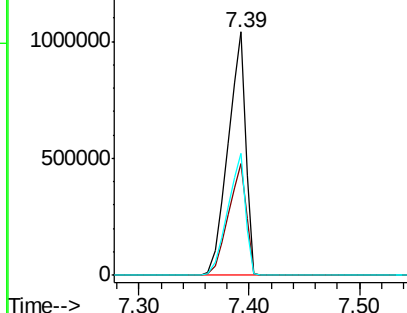
#23
Nitrobenzene-d5
Concen: 109.508 ng
RT: 7.39 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF120530.D
Acq: 4 Jun 2020 13:36

Instrument :
BNA_F
ClientSampleId :
PB129254BL

Tot Ion: 82 Resp: 1169900
Ion Ratio Lower Upper
82 100
128 45.9 37.4 56.0
54 50.3 40.7 61.1

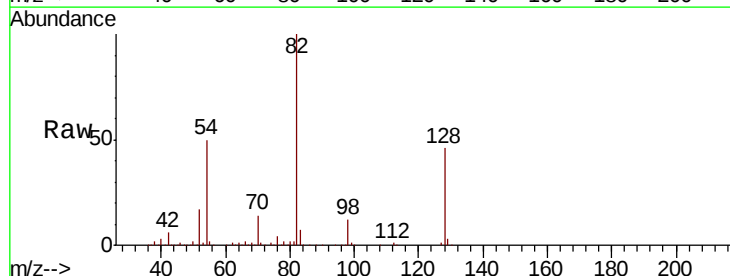


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

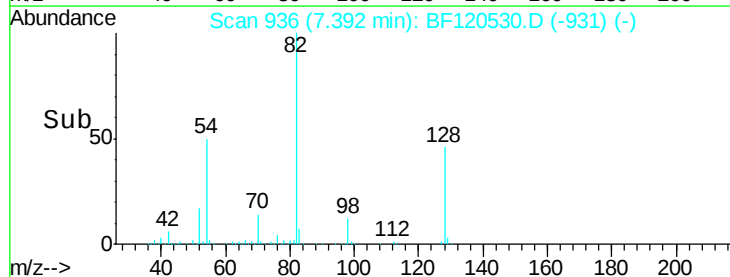
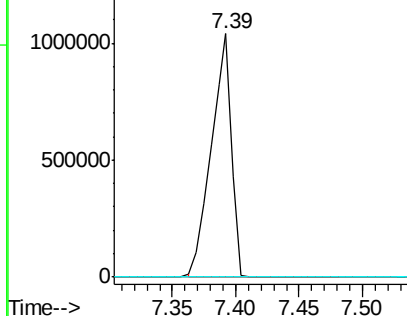


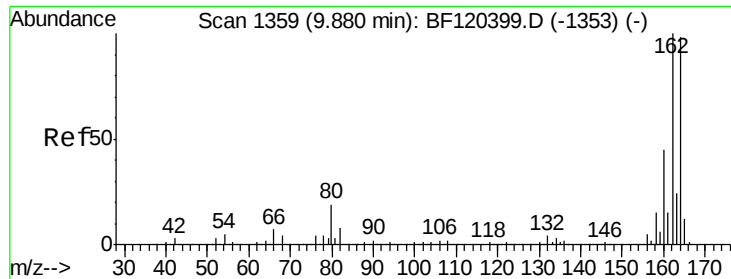
#25
Isophorone
Concen: 54.264 ng
RT: 7.39 min Scan# 936
Delta R.T. -0.27 min
Lab File: BF120530.D
Acq: 4 Jun 2020 13:36

Tgt Ion: 82 Resp: 1165158
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.0 22.6#



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: 9.86 min Scan# 1356

Delta R.T. -0.02 min

Lab File: BF120530.D

Acq: 4 Jun 2020 13:36

Instrument :

BNA_F

ClientSampleId :

PB129254BL

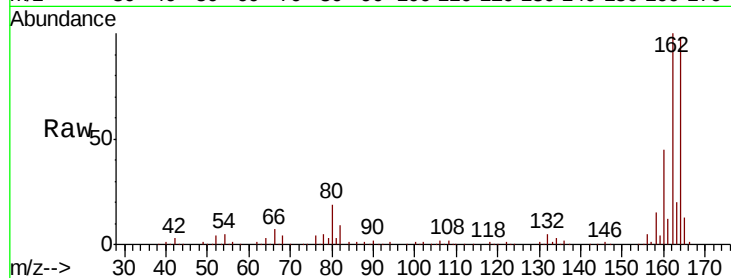
Tot Ion:164 Resp: 271018

Ion Ratio Lower Upper

164 100

162 102.4 81.8 122.6

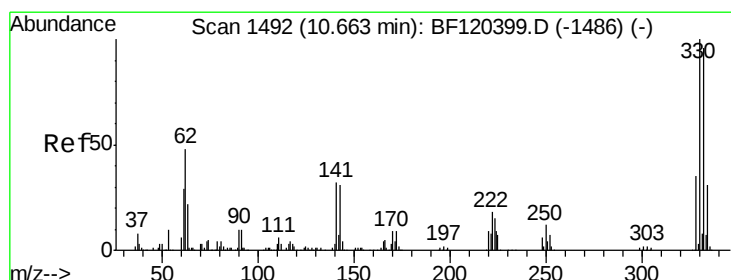
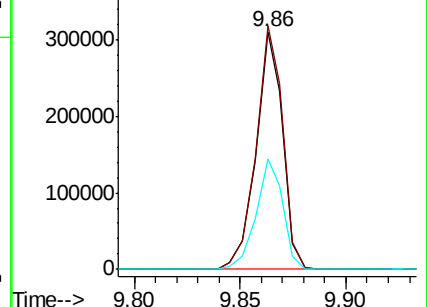
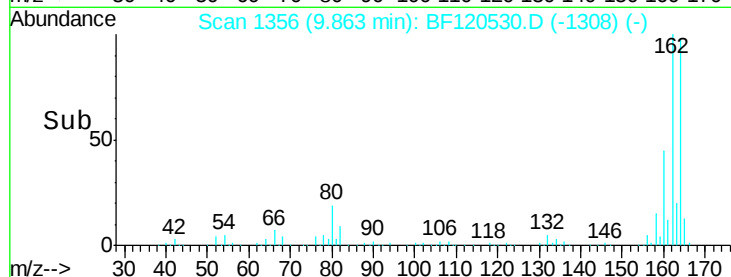
160 46.2 37.3 55.9



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: 236.115 ng

RT: 10.66 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BF120530.D

Acq: 4 Jun 2020 13:36

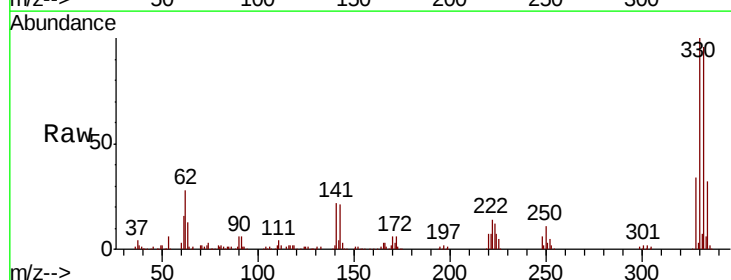
Tgt Ion:330 Resp: 592909

Ion Ratio Lower Upper

330 100

332 95.7 77.4 116.2

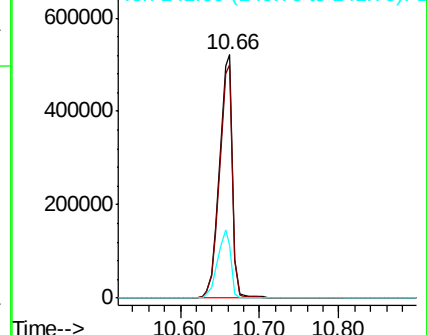
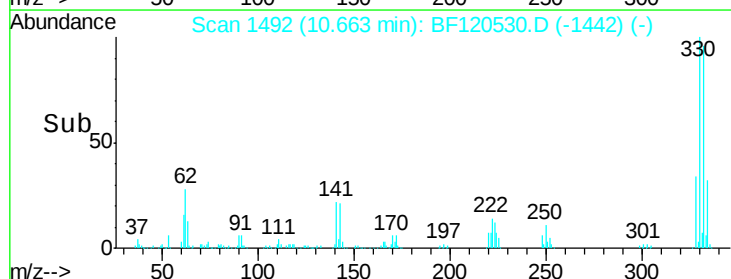
141 28.8 23.5 35.3

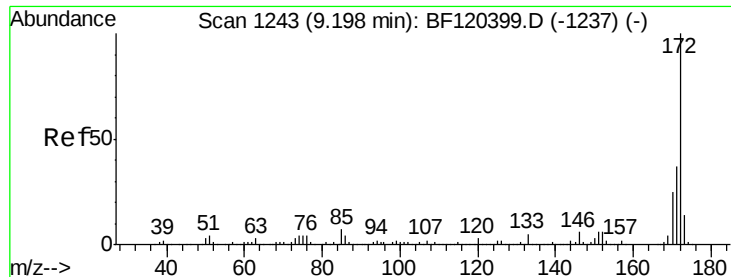


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

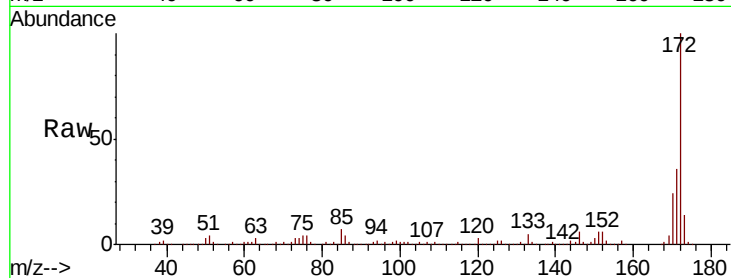




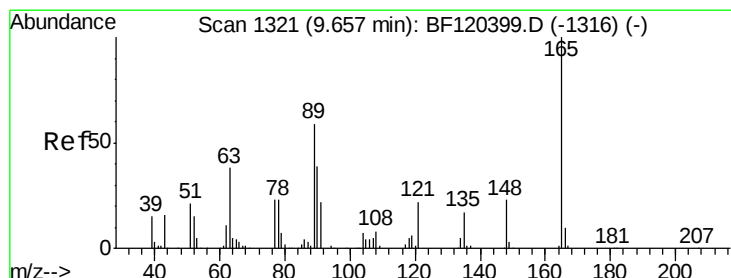
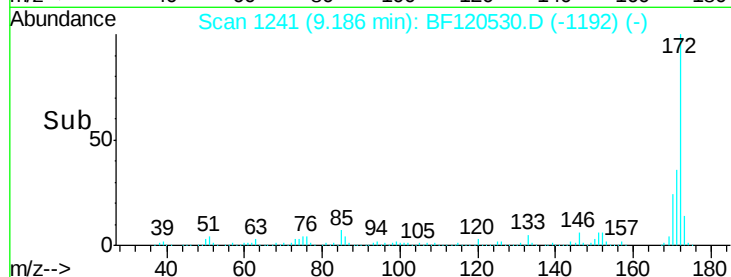
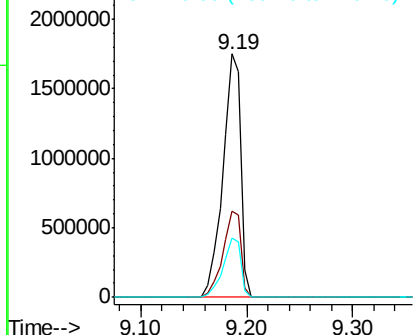
#45
 2-Fluorobiphenyl
 Concen: 128.560 ng
 RT: 9.19 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: BF120530.D
 Acq: 4 Jun 2020 13:36

Instrument :
 BNA_F
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 PB129254BL

Tot Ion:172 Resp: 2053521
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.2 43.8
 170 24.5 20.1 30.1

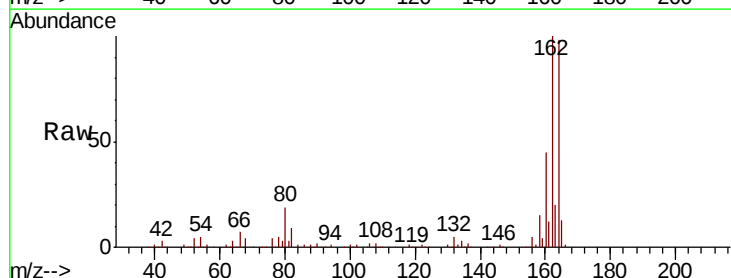


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

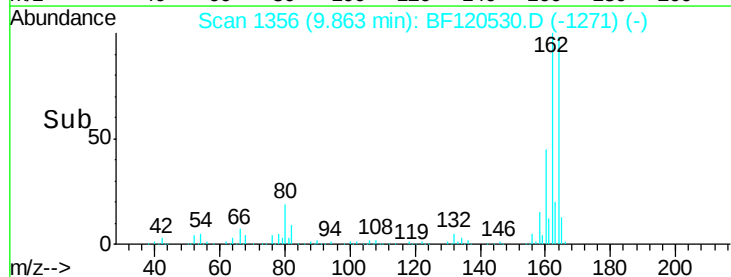
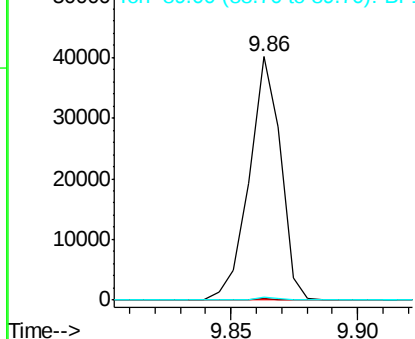


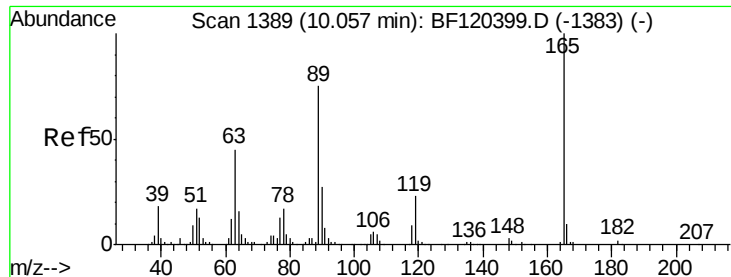
#51
 2,6-Dinitrotoluene
 Concen: 9.216 ng
 RT: 9.86 min Scan# 1356
 Delta R.T. 0.20 min
 Lab File: BF120530.D
 Acq: 4 Jun 2020 13:36

Tgt Ion:165 Resp: 34700
 Ion Ratio Lower Upper
 165 100
 63 0.9 43.0 64.6#
 89 1.4 43.8 65.6#



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

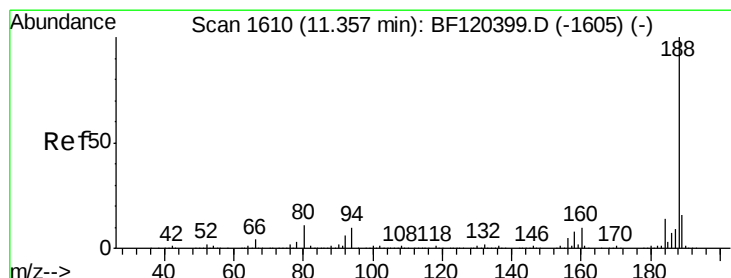
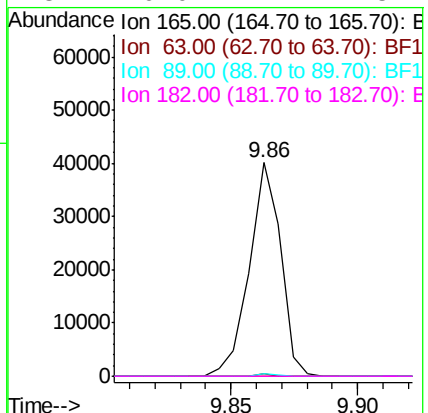
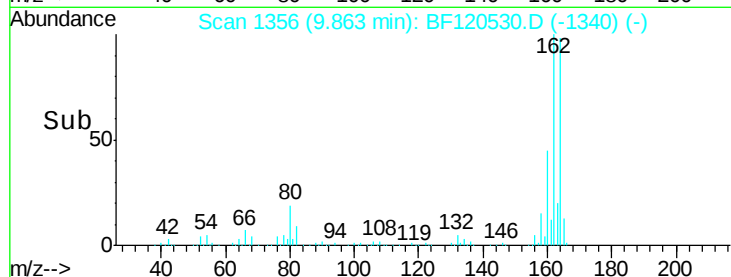
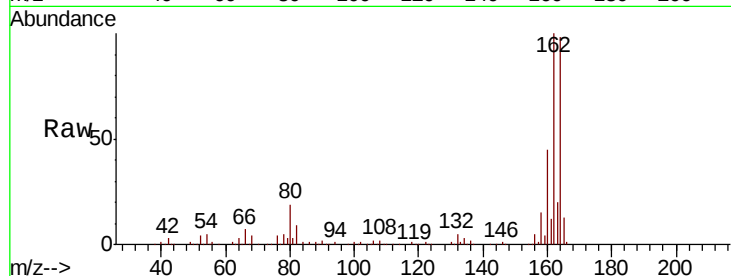




#57
 2,4-Dinitrotoluene
 Concen: 7.201 ng
 RT: 9.86 min Scan# 1356
 Delta R.T. -0.21 min
 Lab File: BF120530.D
 Acq: 4 Jun 2020 13:36

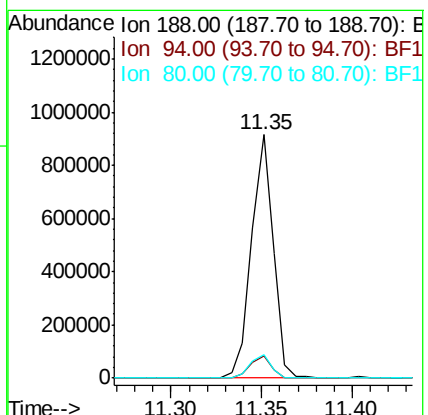
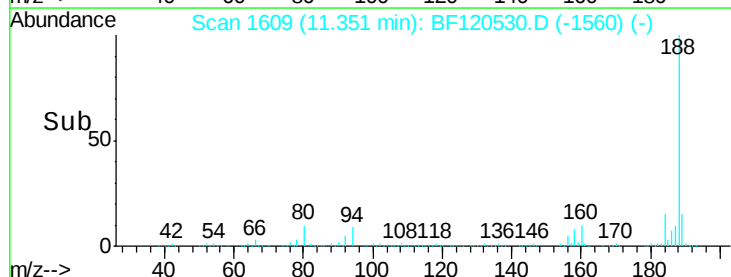
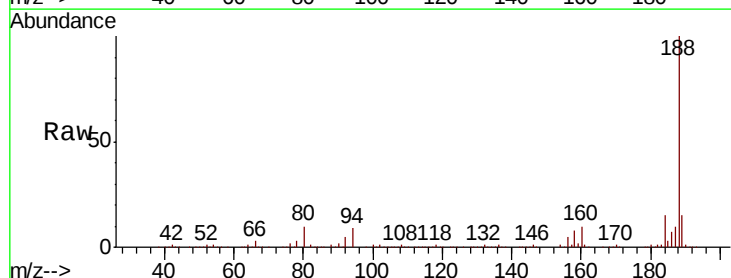
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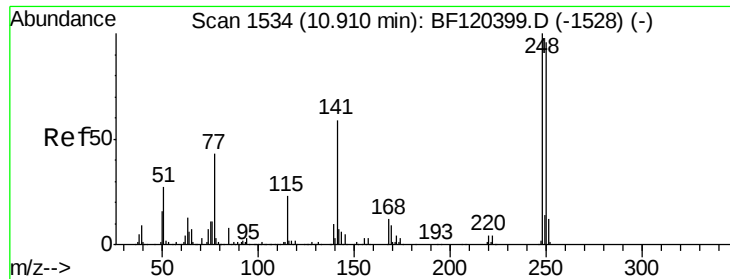
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	33.4	50.0#
89	1.4	54.7	82.1#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1609
 Delta R.T. -0.01 min
 Lab File: BF120530.D
 Acq: 4 Jun 2020 13:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.5	11.3
80	9.8	7.9	11.9

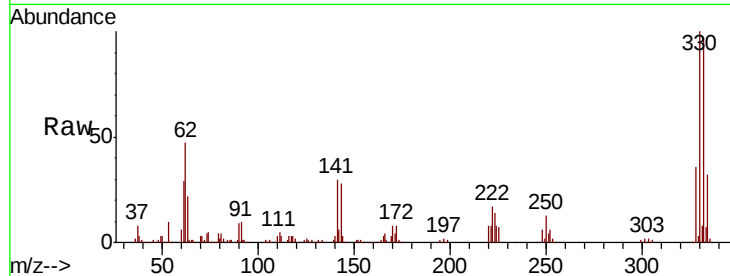




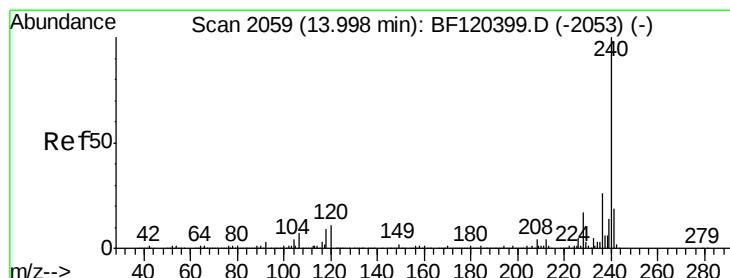
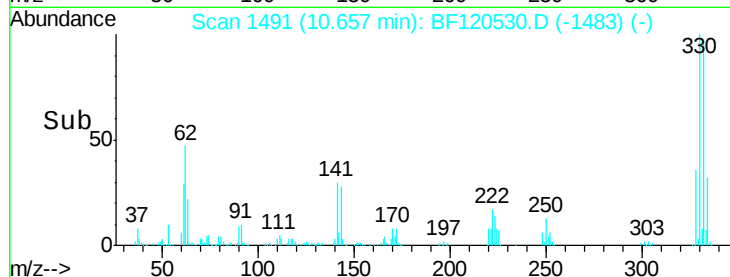
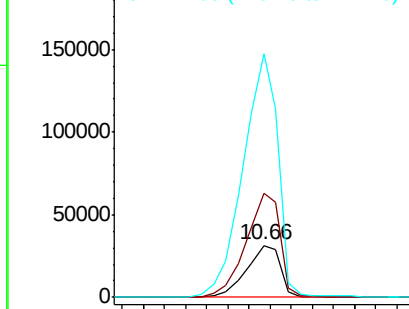
#67
 4-Bromophenyl-phenylether
 Concen: 4.562 ng
 RT: 10.66 min Scan# 1491
 Delta R.T. -0.25 min
 Lab File: BF120530.D
 Acq: 4 Jun 2020 13:36

Instrument :
 BNA_F
 ClientSampleId :
 PB129254BL

Tot Ion:248 Resp: 35320
 Ion Ratio Lower Upper
 248 100
 250 200.4 78.0 117.0#
 141 466.2 50.3 75.5#

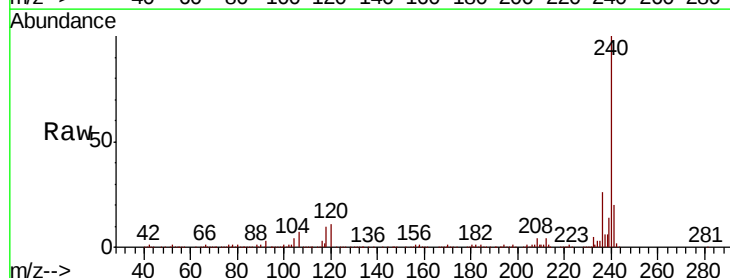


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

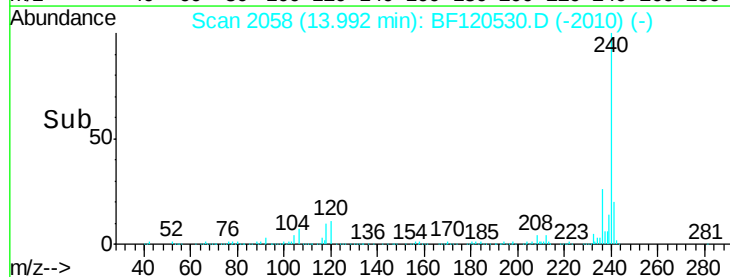
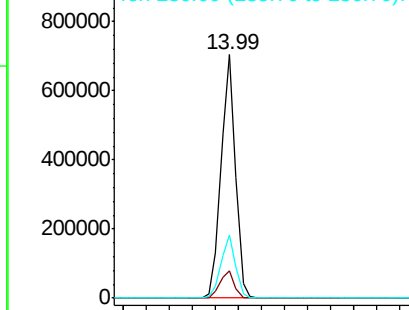


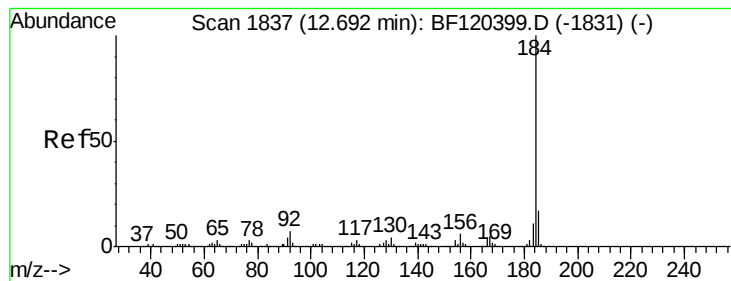
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2058
 Delta R.T. -0.02 min
 Lab File: BF120530.D
 Acq: 4 Jun 2020 13:36

Tgt Ion:240 Resp: 609120
 Ion Ratio Lower Upper
 240 100
 120 11.2 7.9 11.9
 236 25.9 21.1 31.7



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: 2.027 ng

RT: 12.94 min Scan# 1880

Delta R.T. 0.25 min

Lab File: BF120530.D

Acq: 4 Jun 2020 13:36

Instrument :

BNA_F

ClientSampleId :

PB129254BL

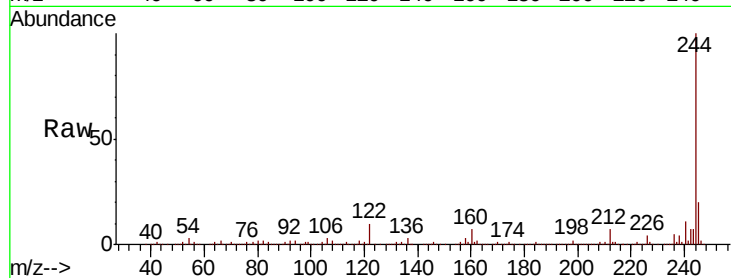
Tot Ion:184 Resp: 32442

Ion Ratio Lower Upper

184 100

185 16.5 13.2 19.8

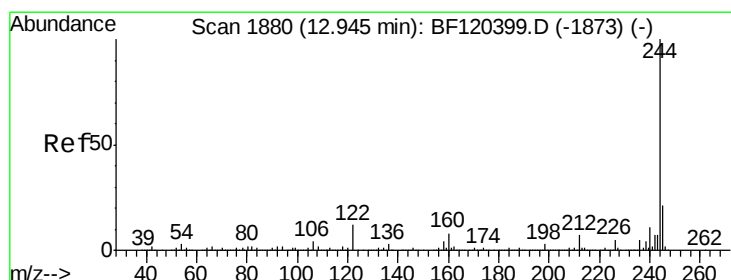
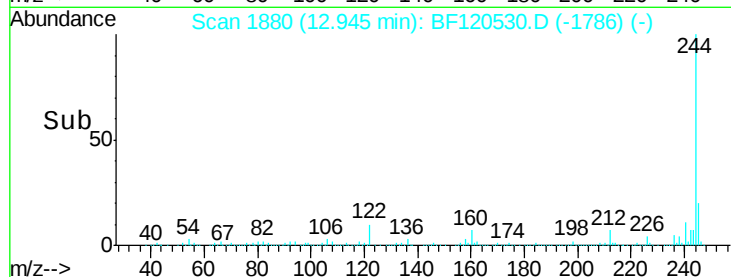
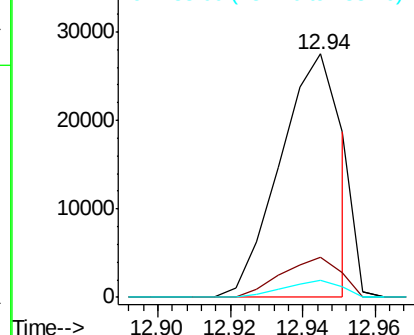
183 6.9 9.1 13.7#



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: 92.908 ng

RT: 12.94 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BF120530.D

Acq: 4 Jun 2020 13:36

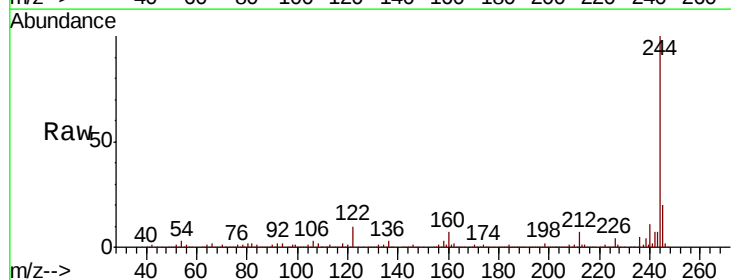
Tgt Ion:244 Resp: 2543206

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

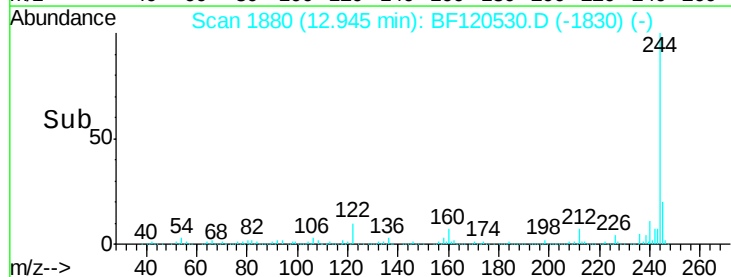
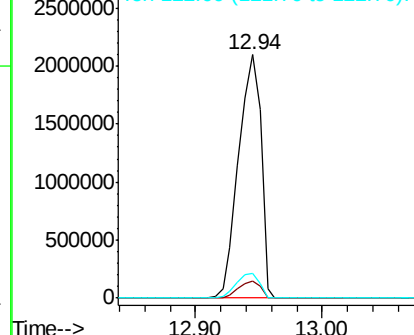
122 10.3 8.2 12.4

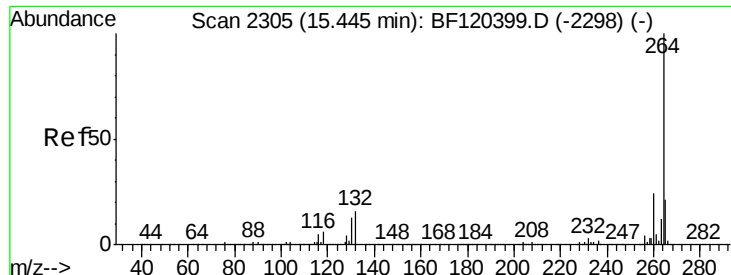


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BF120530.D
Acq: 4 Jun 2020 13:36

Instrument :
BNA_F
ClientSampleId :
PB129254BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.8	29.8
265	21.3	17.5	26.3

