

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF120014.D
 Acq On : 16 Apr 2020 1:31
 Operator : MA/SJ
 Sample : L2115-08
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-041020

Quant Time: Apr 16 04:27:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 11:01:23 2020
 Response via : Initial Calibration

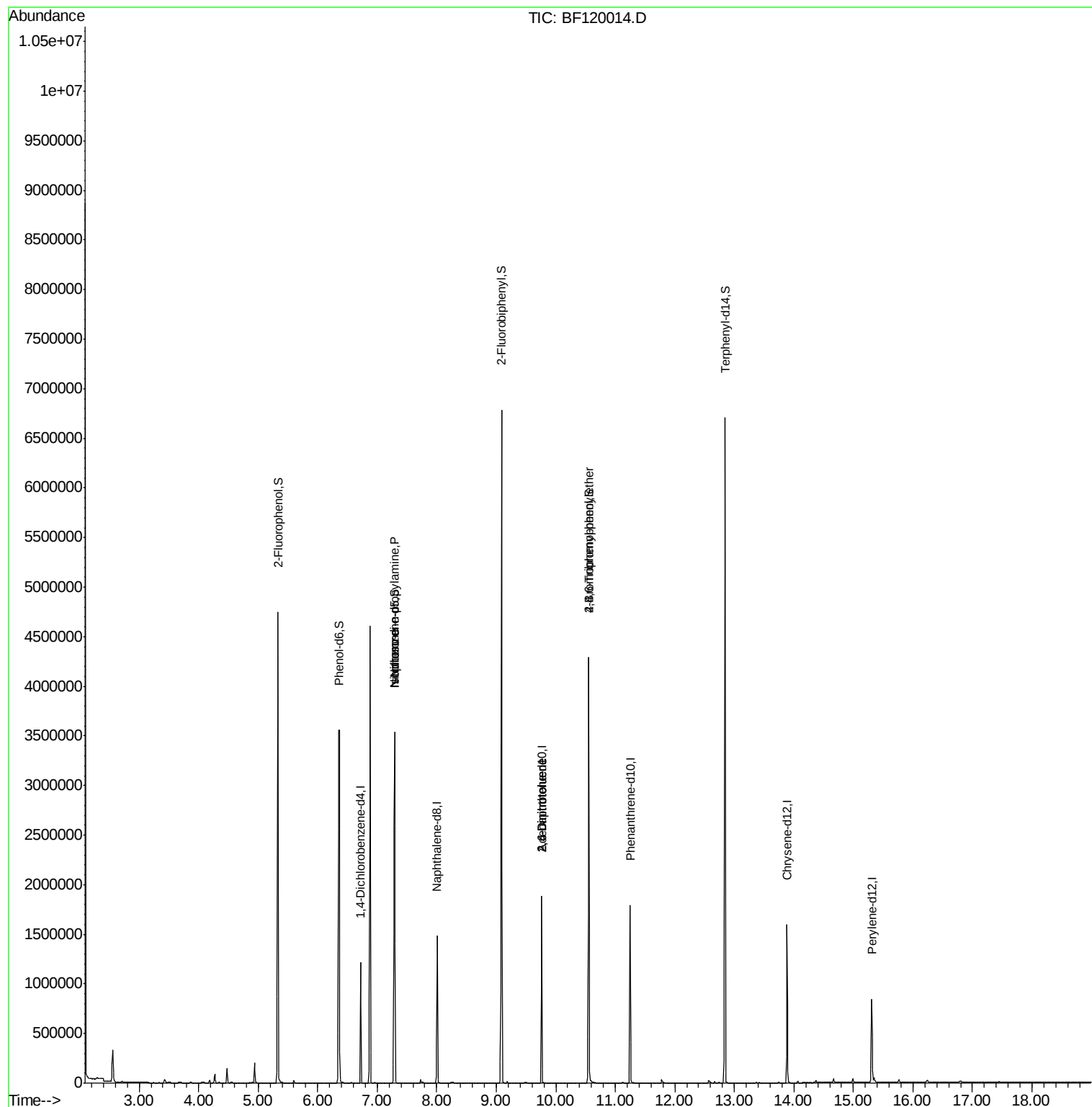
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	168201	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	640645	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	352259	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	693196	20.00	ng	0.00
76) Chrysene-d12	13.89	240	518013	20.00	ng	-0.01
87) Perylene-d12	15.31	264	381696	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1311105	134.71	ng	0.00
7) Phenol-d6	6.36	99	1522543	121.40	ng	0.00
23) Nitrobenzene-d5	7.29	82	1167099	94.25	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	520791	120.75	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	2205795	88.90	ng	0.00
79) Terphenyl-d14	12.84	244	2648943	86.05	ng	0.00
Target Compounds						
9) Benzaldehyde	6.36	77	1903	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	150513	18.663 ng	#	1
25) Isophorone	7.29	82	1162303	48.689 ng	#	75
51) 2,6-Dinitrotoluene	9.76	165	44239	7.414 ng	#	65
57) 2,4-Dinitrotoluene	9.76	165	44239	5.628 ng	#	19
67) 4-Bromophenyl-phenylether	10.56	248	32819	3.807 ng	#	22
					#	1

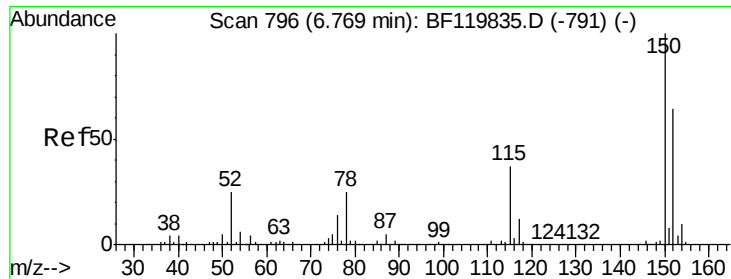
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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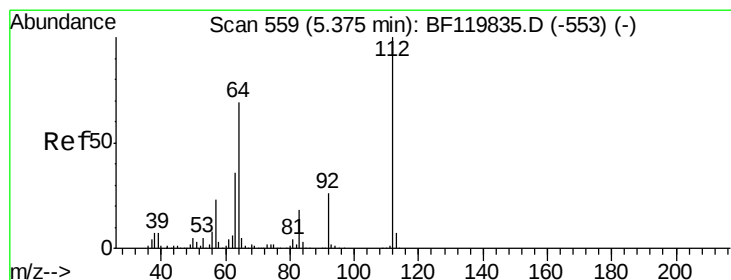
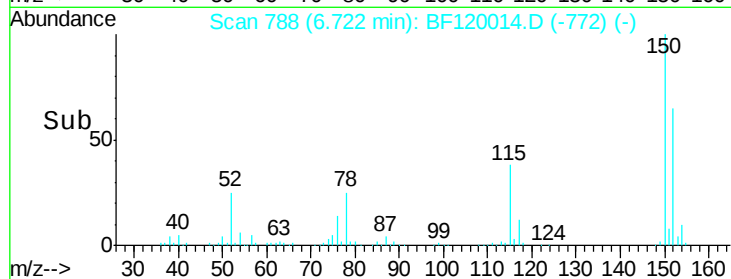
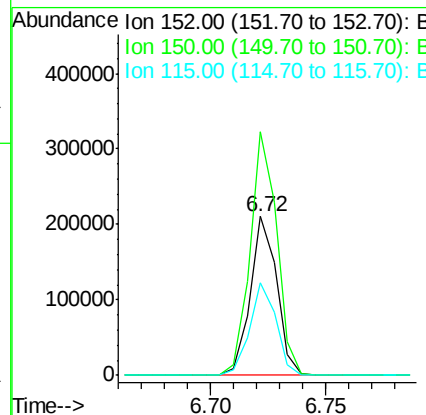
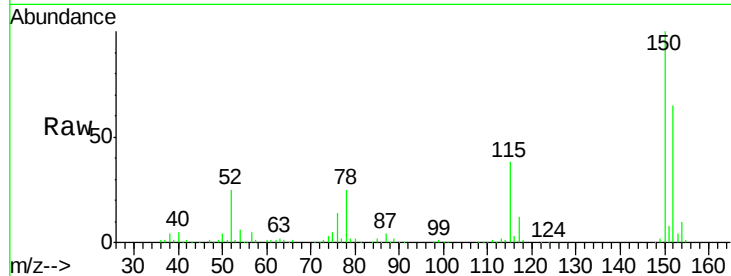


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF120014.D
Acq: 16 Apr 2020 1:31

Instrument :
BNA_F
ClientSampleId :
CL-01-041020

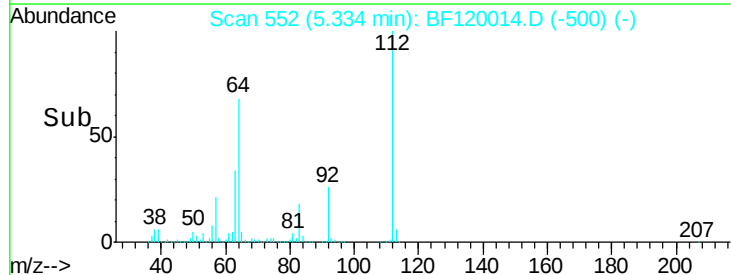
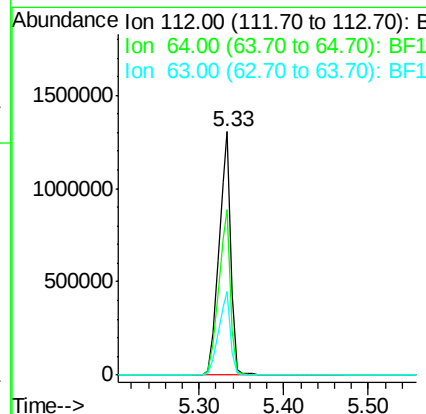
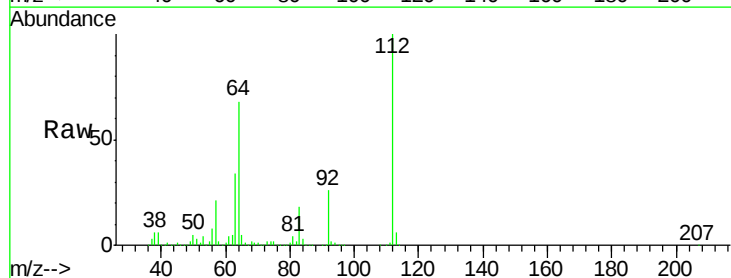
Tot Ion:152 Resp: 168201
Ion Ratio Lower Upper
152 100
150 153.5 124.8 187.2
115 58.6 46.5 69.7

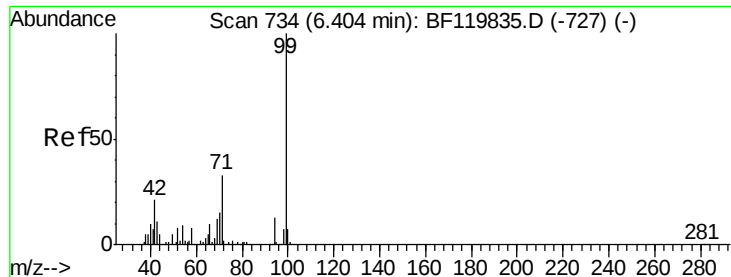


#5

2-Fluorophenol
Concen: 134.710 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF120014.D
Acq: 16 Apr 2020 1:31

Tgt Ion:112 Resp: 1311105
Ion Ratio Lower Upper
112 100
64 67.8 55.5 83.3
63 34.5 29.1 43.7





#7

Phenol-d6

Concen: 121.403 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF120014.D

Acq: 16 Apr 2020 1:31

Instrument :

BNA_F

ClientSampleId :

CL-01-041020

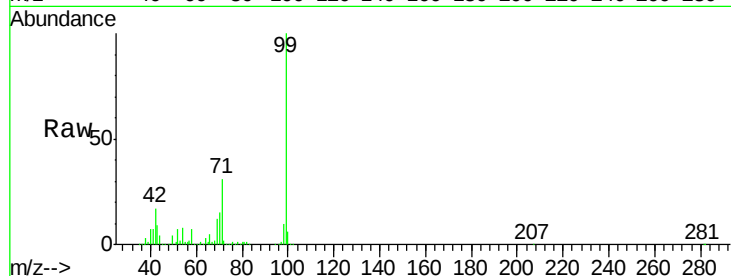
Tot Ion: 99 Resp: 1522543

Ion Ratio Lower Upper

99 100

42 17.5 16.9 25.3

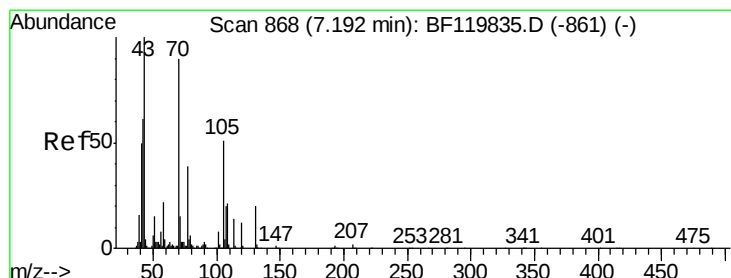
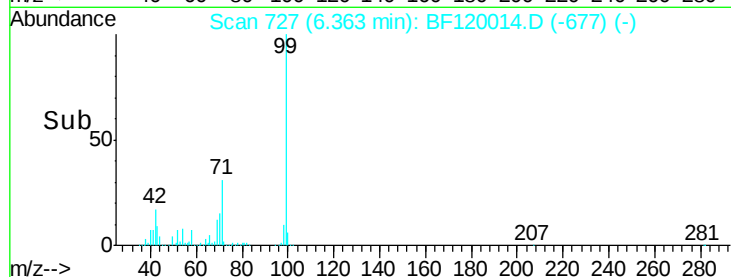
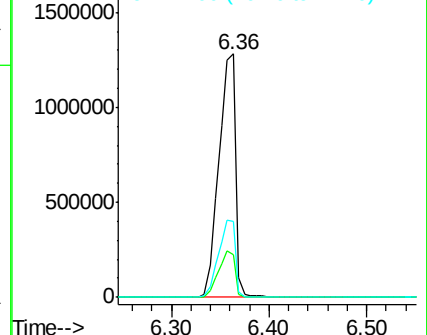
71 31.2 26.3 39.5



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



#19

n-Nitroso-di-n-propylamine

Concen: 18.663 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.14 min

Lab File: BF120014.D

Acq: 16 Apr 2020 1:31

Tgt Ion: 70 Resp: 150513

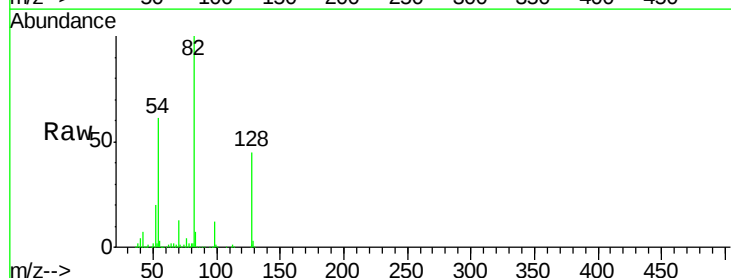
Ion Ratio Lower Upper

70 100

42 51.9 54.2 81.4#

101 0.0 7.4 11.2#

130 2.4 17.8 26.6#

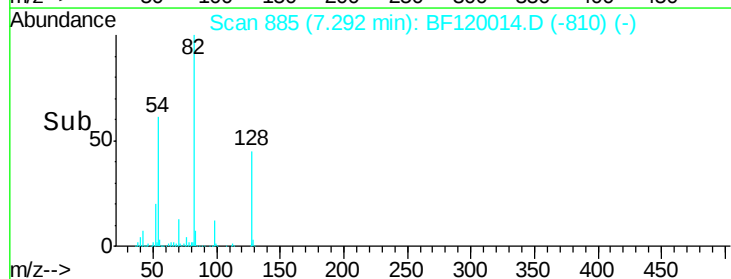
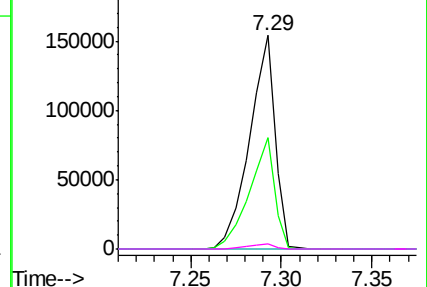


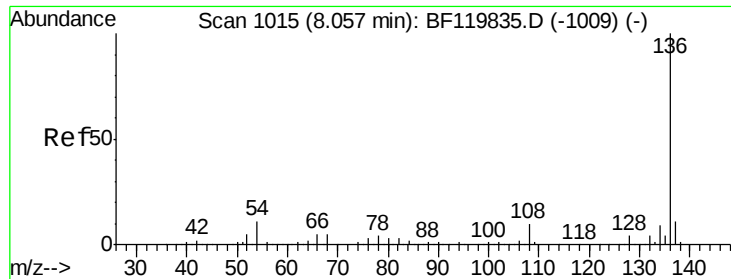
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

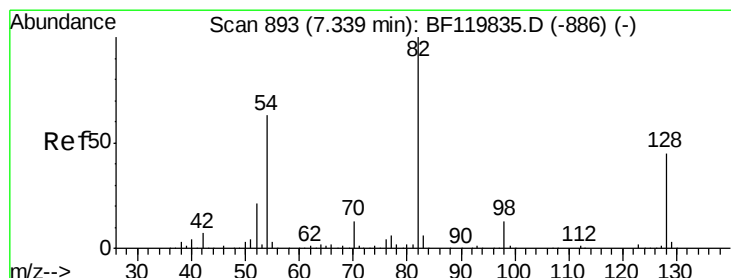
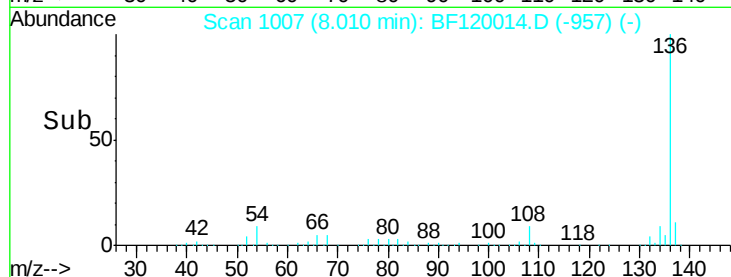
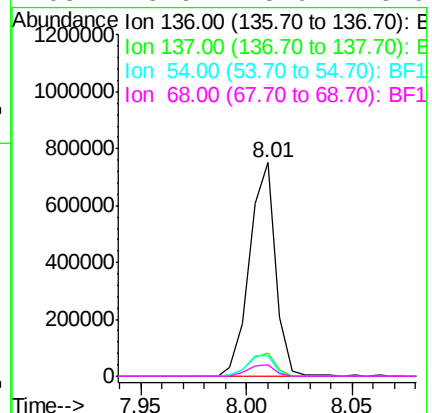
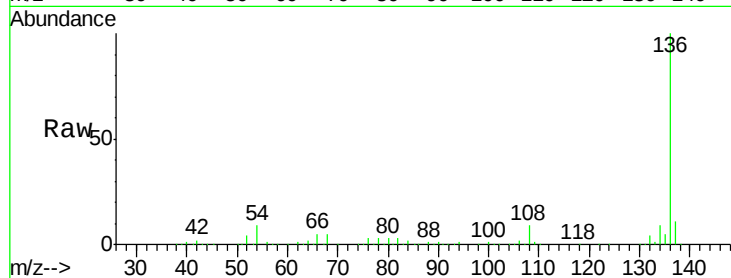




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF120014.D
Acq: 16 Apr 2020 1:31

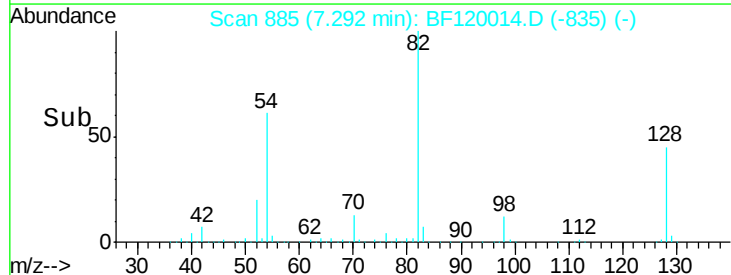
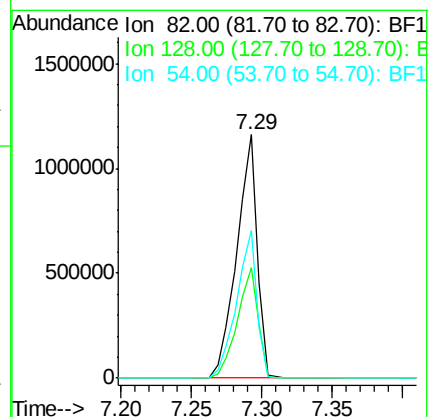
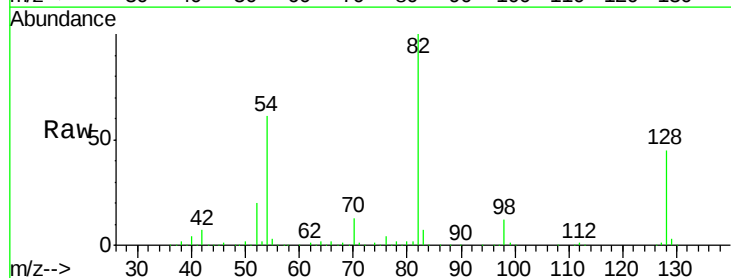
Instrument :
BNA_F
ClientSampleId :
CL-01-041020

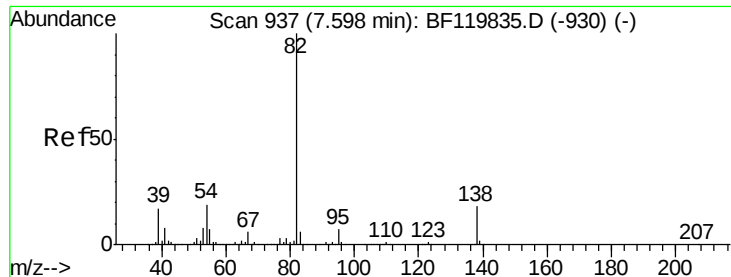
Tot Ion:136	Resp:	640645
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.7 13.1
54	9.4	8.5 12.7
68	5.5	3.9 5.9



#23
Nitrobenzene-d5
Concen: 94.246 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF120014.D
Acq: 16 Apr 2020 1:31

Tgt Ion: 82	Resp:	1167099
Ion Ratio	Lower	Upper
82	100	
128	45.3	36.2 54.4
54	60.6	50.4 75.6





#25

Isophorone

Concen: 48.689 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF120014.D

Acq: 16 Apr 2020 1:31

Instrument :

BNA_F

ClientSampleId :

CL-01-041020

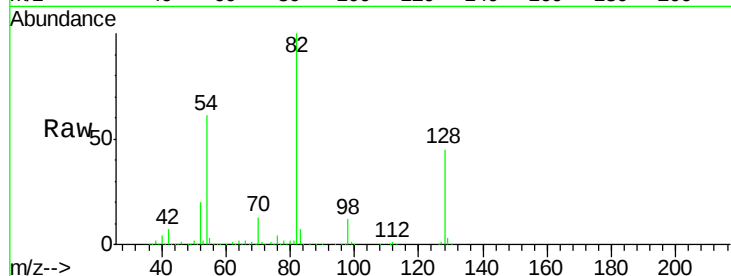
Tot Ion: 82 Resp: 1162303

Ion Ratio Lower Upper

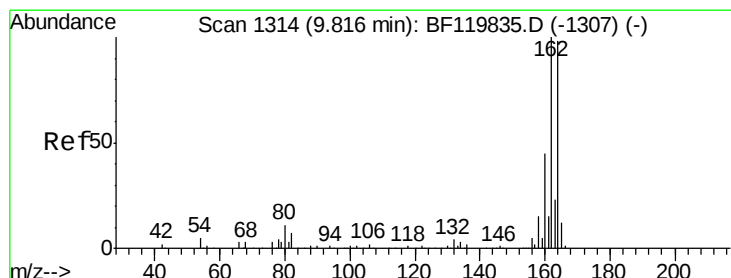
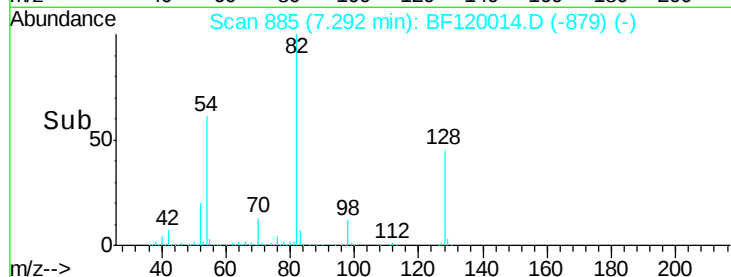
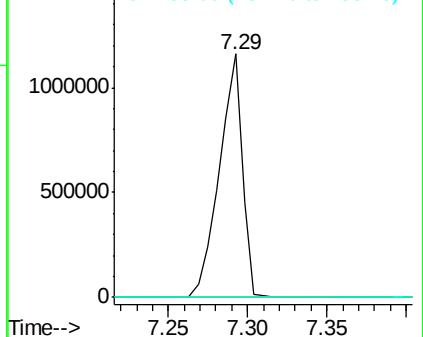
82 100

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: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF120014.D

Acq: 16 Apr 2020 1:31

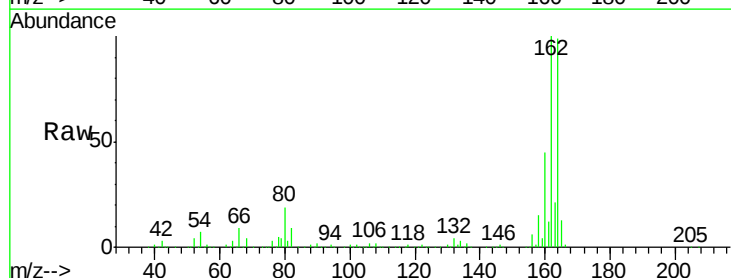
Tgt Ion: 164 Resp: 352259

Ion Ratio Lower Upper

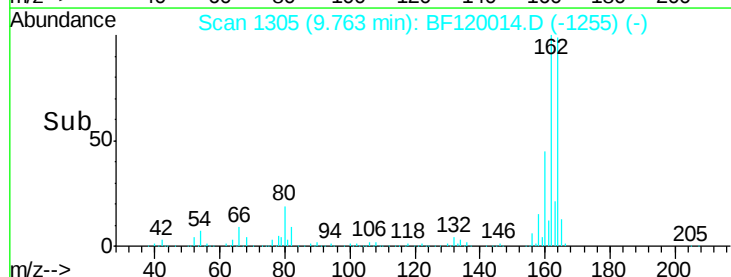
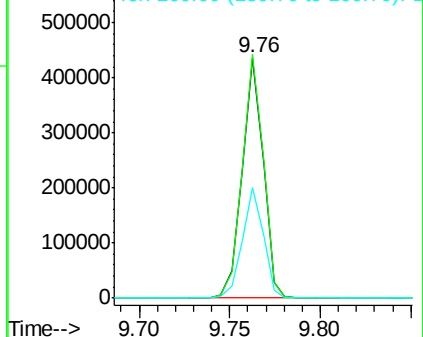
164 100

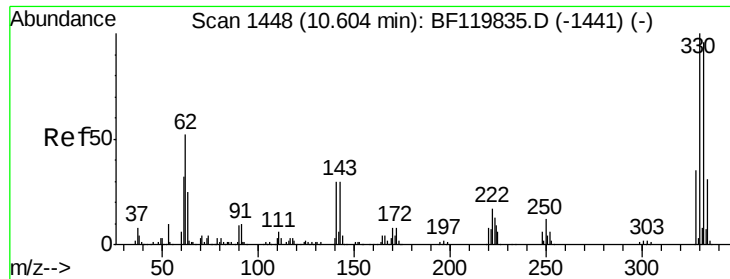
162 101.5 81.9 122.9

160 46.1 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

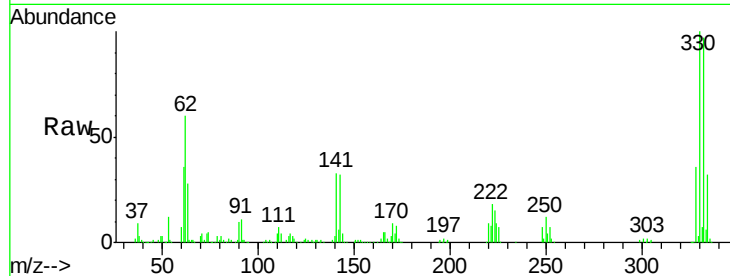




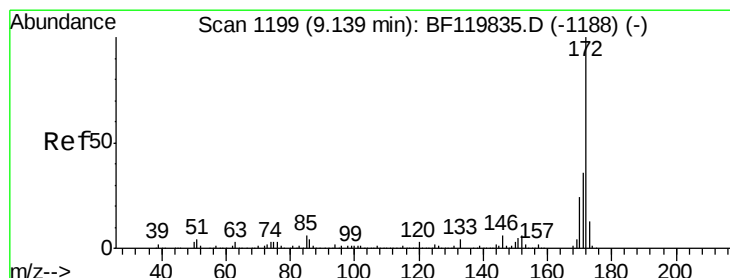
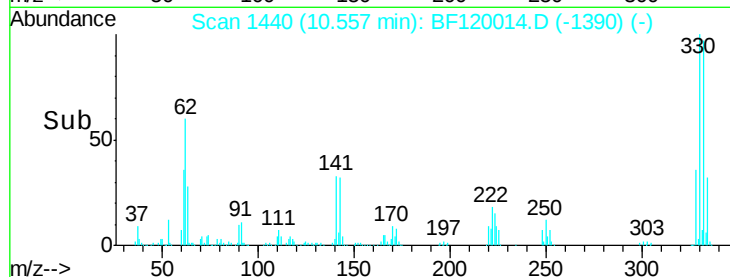
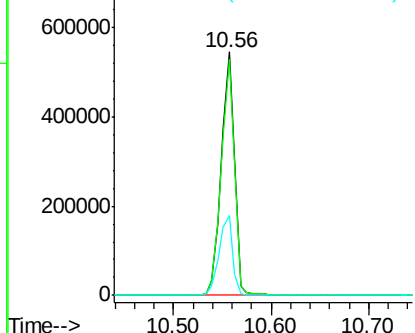
#42
 2,4,6-Tribromophenol
 Concen: 120.753 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF120014.D
 Acq: 16 Apr 2020 1:31

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-041020

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.8	115.2
141	33.6	25.1	37.7

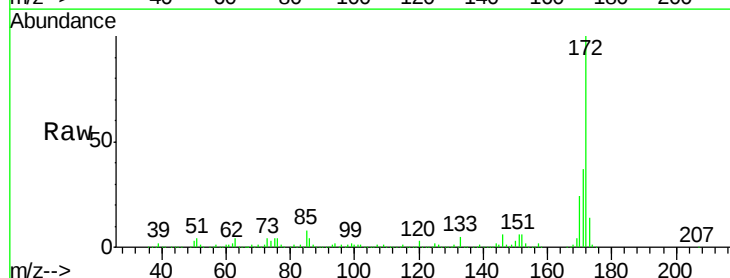


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

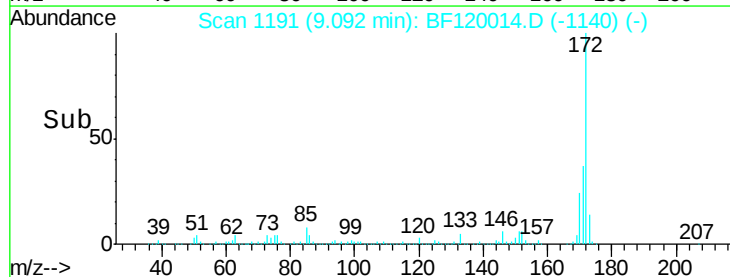
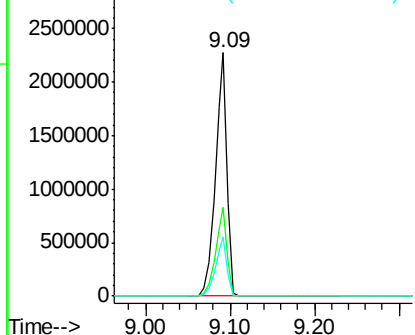


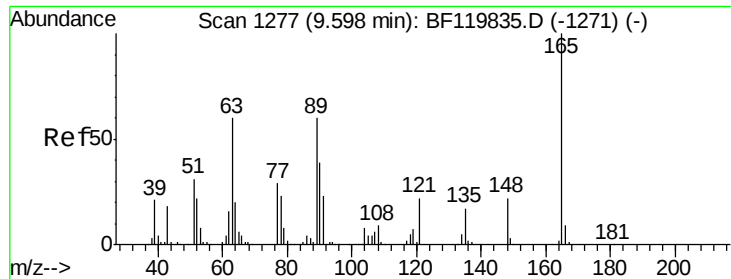
#45
 2-Fluorobiphenyl
 Concen: 88.905 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF120014.D
 Acq: 16 Apr 2020 1:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.9	43.3
170	24.4	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

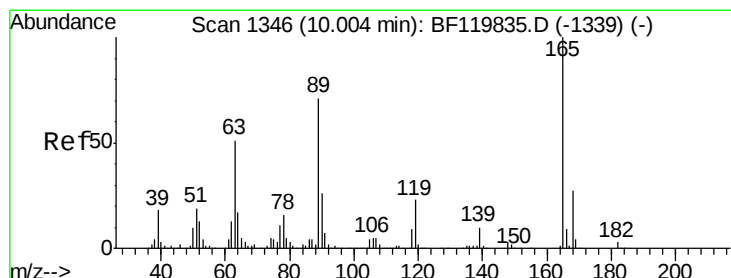
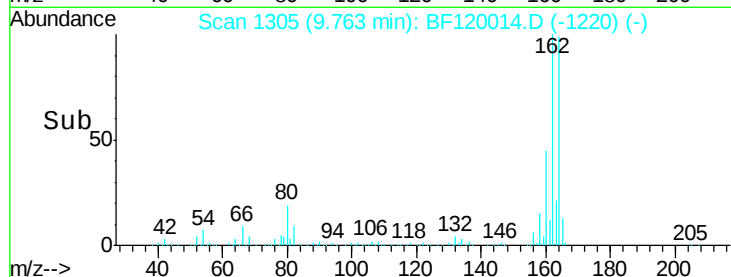
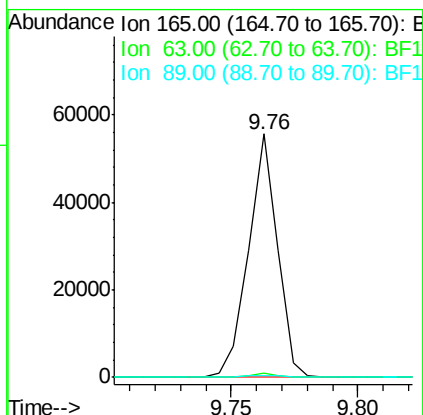
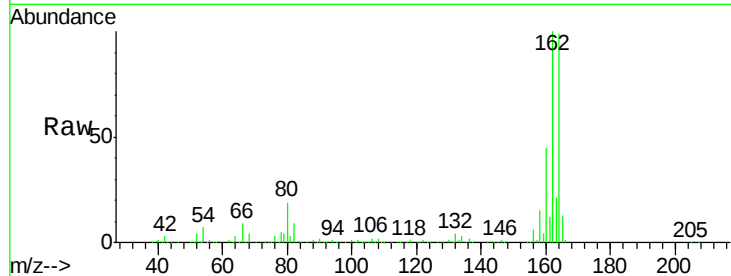




#51
 2,6-Dinitrotoluene
 Concen: 7.414 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.20 min
 Lab File: BF120014.D
 Acq: 16 Apr 2020 1:31

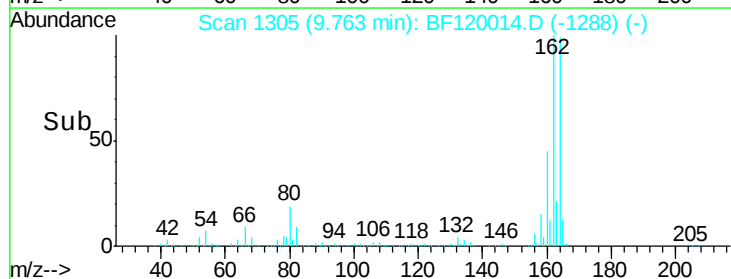
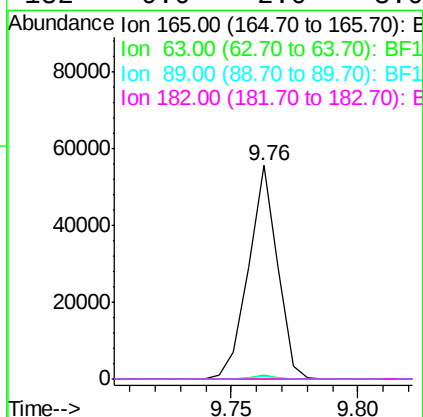
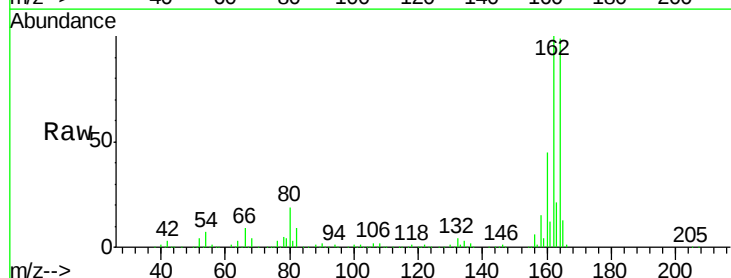
Instrument :
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 CL-01-041020

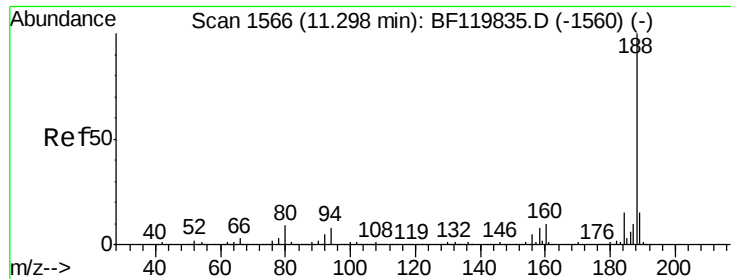
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	55.6	83.4#
89	1.0	47.9	71.9#



#57
 2,4-Dinitrotoluene
 Concen: 5.628 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.20 min
 Lab File: BF120014.D
 Acq: 16 Apr 2020 1:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	40.8	61.2#
89	1.0	56.9	85.3#
182	0.0	2.0	3.0#

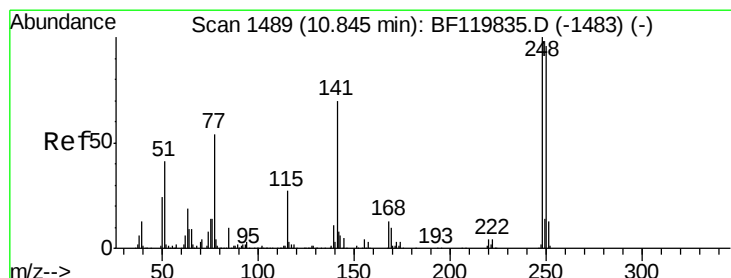
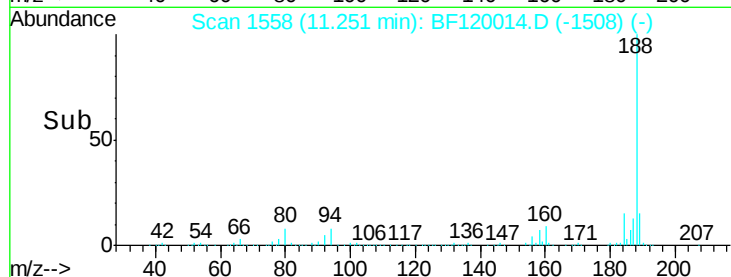
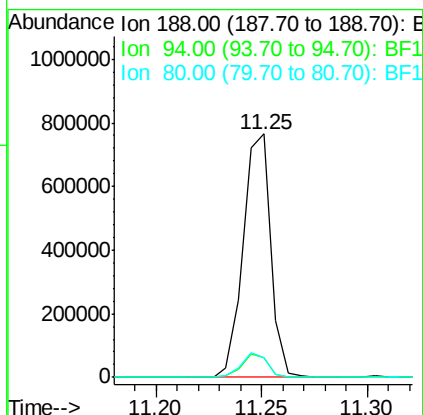
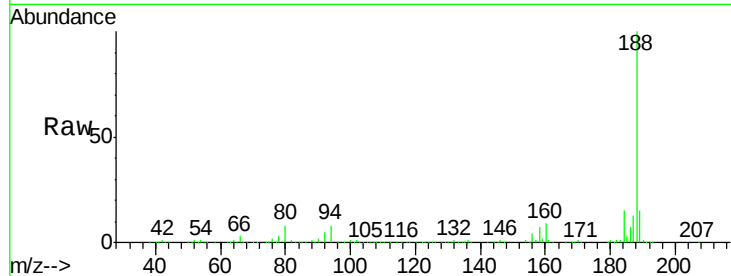




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF120014.D
Acq: 16 Apr 2020 1:31

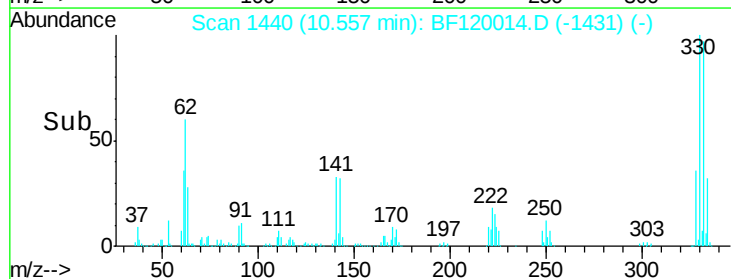
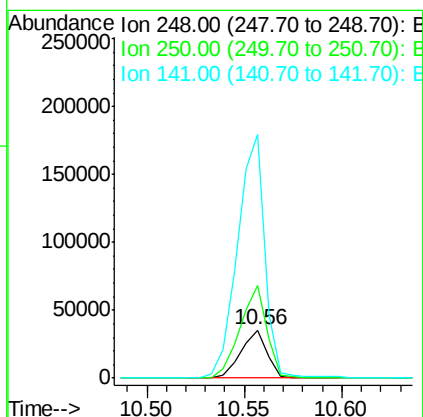
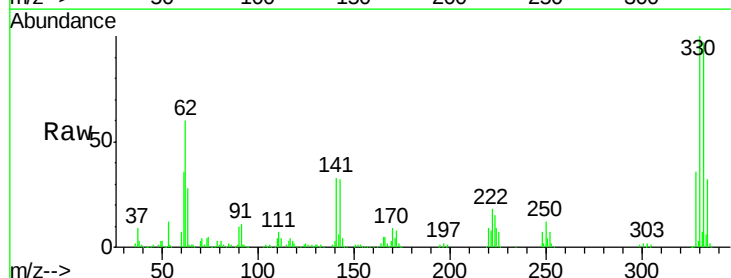
Instrument :
BNA_F
ClientSampleId :
CL-01-041020

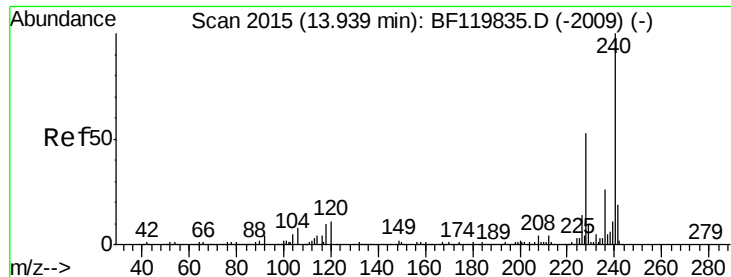
Tot Ion:188 Resp: 693196
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 8.2 7.4 11.2



#67
4-Bromophenyl-phenylether
Concen: 3.807 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.25 min
Lab File: BF120014.D
Acq: 16 Apr 2020 1:31

Tgt Ion:248 Resp: 32819
Ion Ratio Lower Upper
248 100
250 190.8 76.6 114.8#
141 504.6 55.9 83.9#

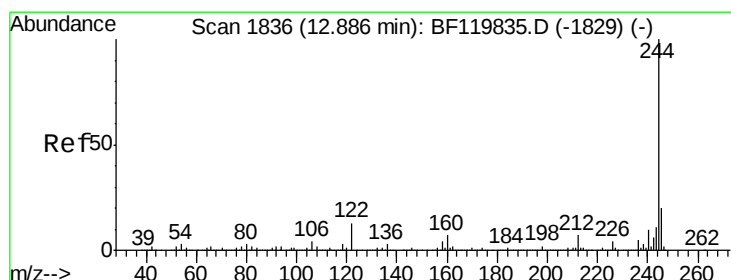
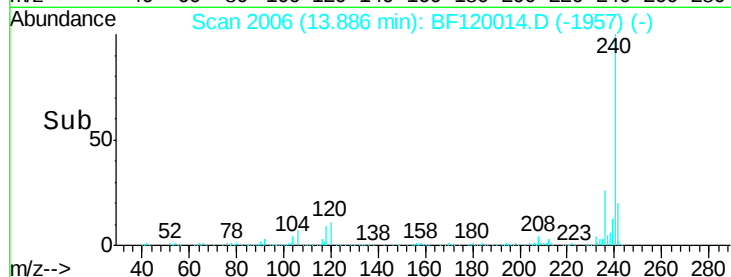
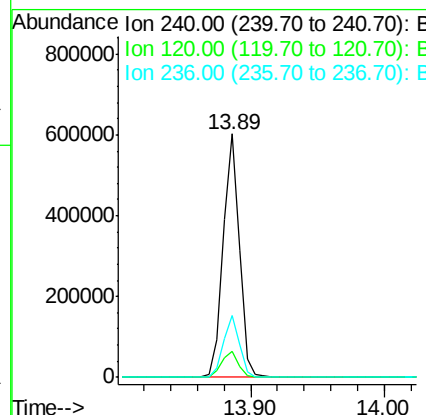
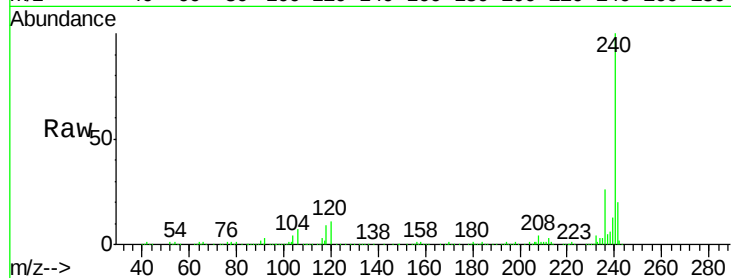




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF120014.D
 Acq: 16 Apr 2020 1:31

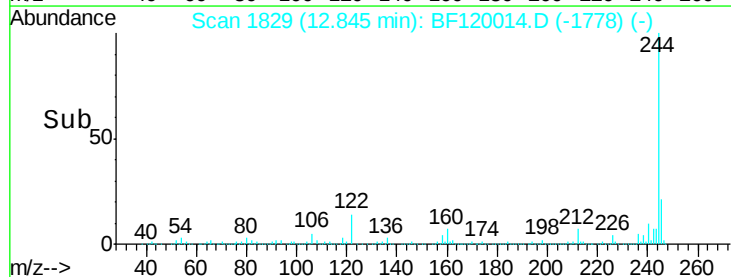
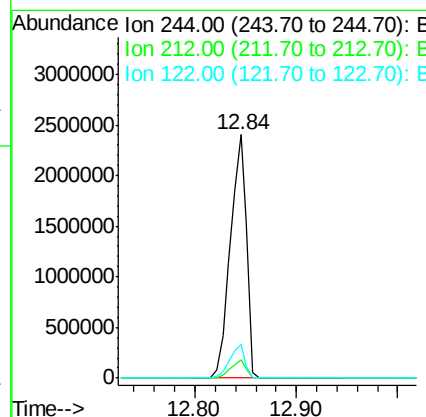
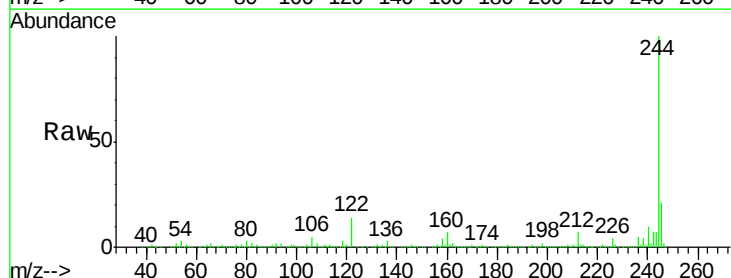
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-041020

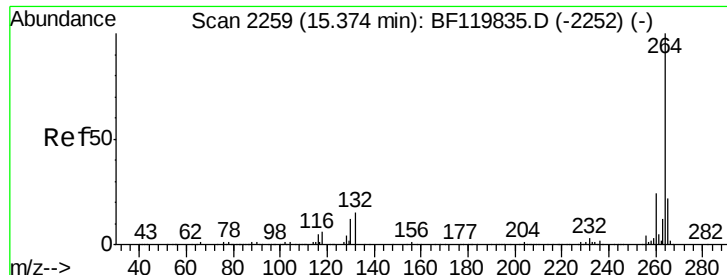
Tot Ion:240 Resp: 518013
 Ion Ratio Lower Upper
 240 100
 120 10.9 9.0 13.6
 236 25.6 20.7 31.1



#79
 Terphenyl-d14
 Concen: 86.045 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. -0.00 min
 Lab File: BF120014.D
 Acq: 16 Apr 2020 1:31

Tgt Ion:244 Resp: 2648943
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.0
 122 13.8 10.3 15.5

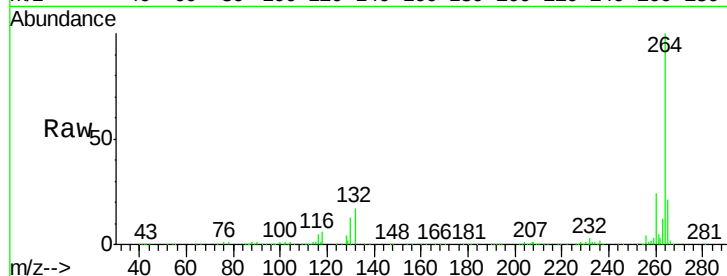




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. -0.00 min
 Lab File: BF120014.D
 Acq: 16 Apr 2020 1:31

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-041020

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.3	28.9
265	21.1	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

