

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061620\
 Data File : BF120628.D
 Acq On : 16 Jun 2020 14:58
 Operator : JU/CG
 Sample : PB129581BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB129581BL

Quant Time: Jun 16 15:34:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

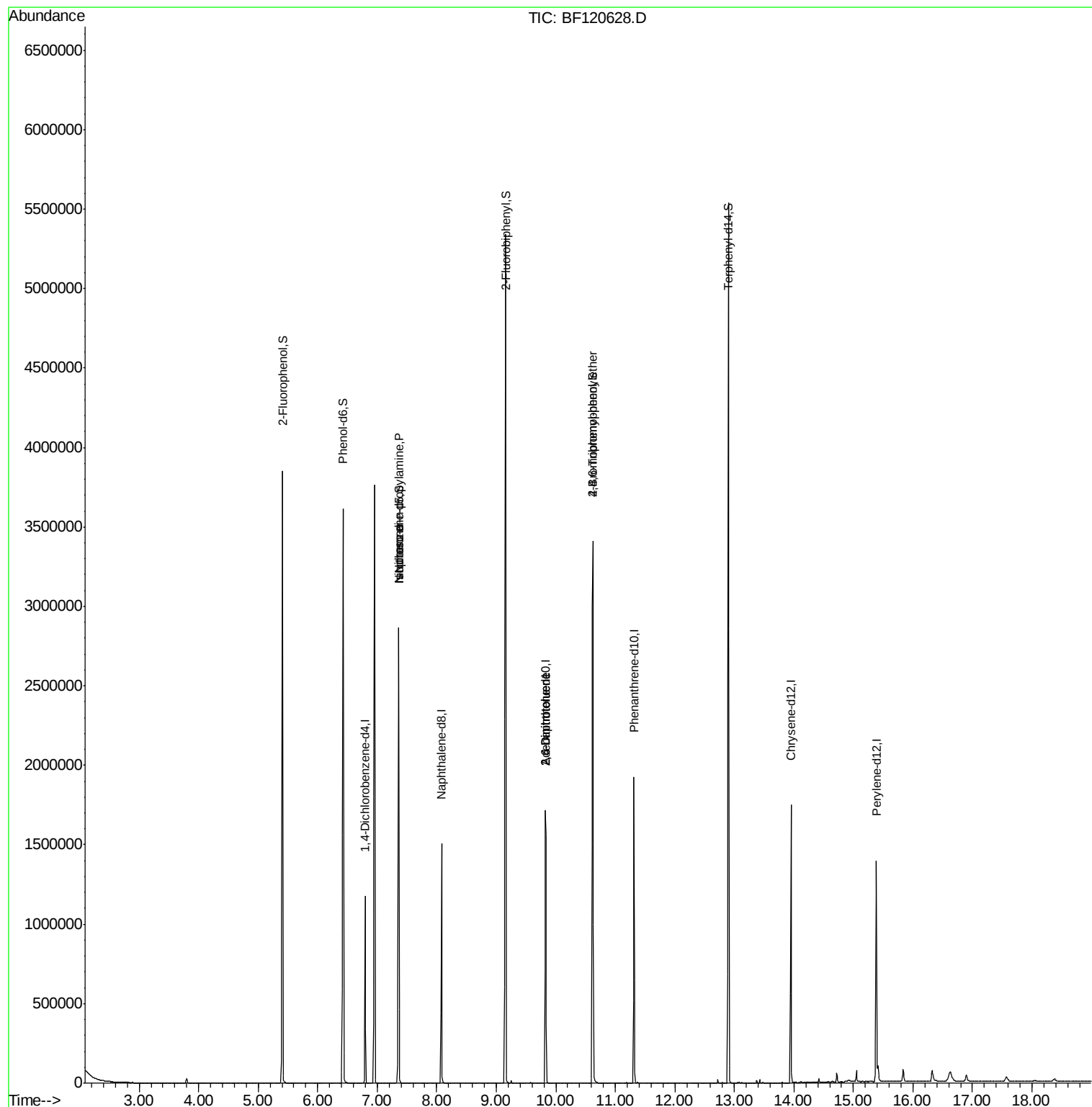
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	178921	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	699878	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	363837	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	730019	20.00	ng	0.00
76) Chrysene-d12	13.95	240	617165	20.00	ng	-0.01
86) Perylene-d12	15.39	264	655191	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1204769	115.44	ng	0.00
7) Phenol-d6	6.43	99	1519787	116.92	ng	-0.01
23) Nitrobenzene-d5	7.36	82	985999	78.75	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	484841	114.62	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1783220	74.99	ng	0.00
79) Terphenyl-d14	12.90	244	2237840	80.09	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	131066	17.384	ng	# 77
25) Isophorone	7.36	82	985100	40.389	ng	# 62
51) 2,6-Dinitrotoluene	9.83	165	48671	8.196	ng	# 27
57) 2,4-Dinitrotoluene	9.83	165	48671	6.177	ng	# 29
67) 4-Bromophenyl-phenylether	10.62	248	28412	3.429	ng	# 1

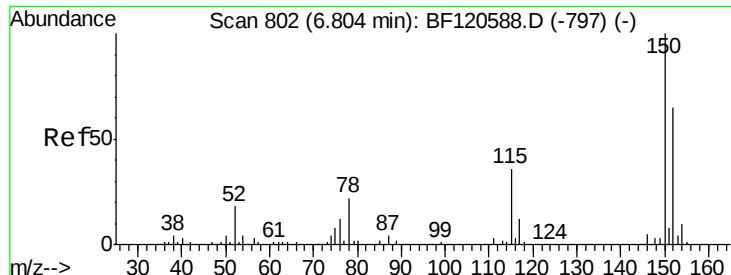
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061620\
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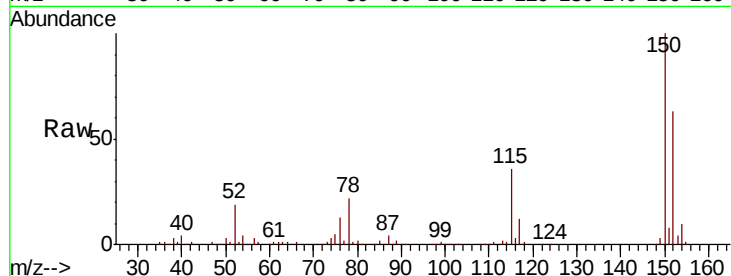


#1

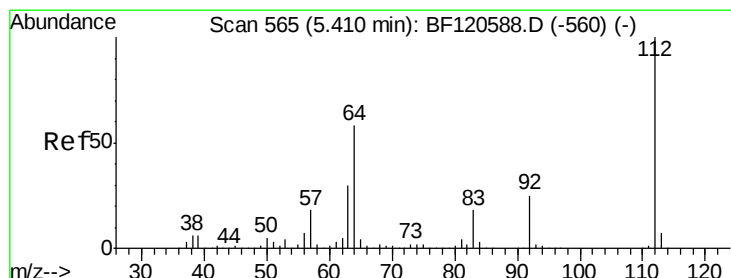
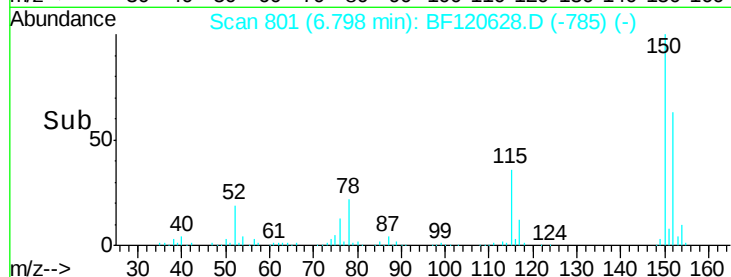
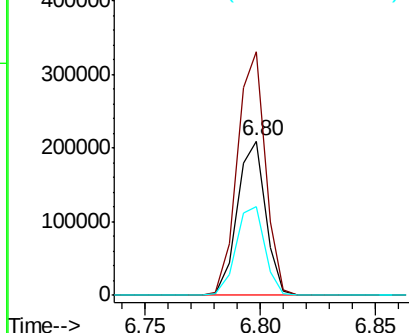
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120628.D
Acq: 16 Jun 2020 14:58

Instrument :
BNA_F
ClientSampleId :
PB129581BL

Tot Ion:152 Resp: 178921
Ion Ratio Lower Upper
152 100
150 157.7 123.2 184.8
115 57.4 43.9 65.9



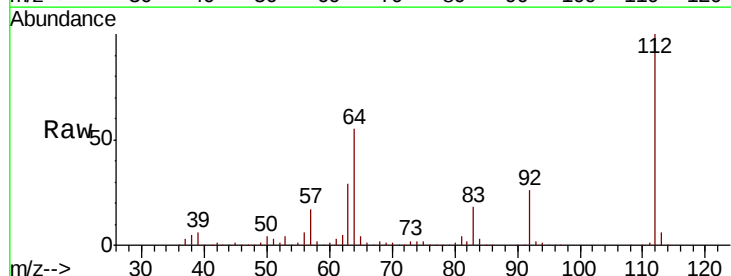
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



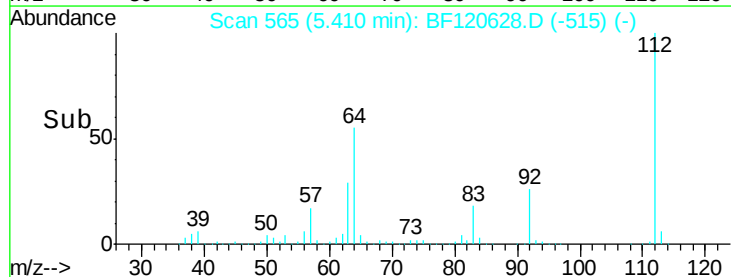
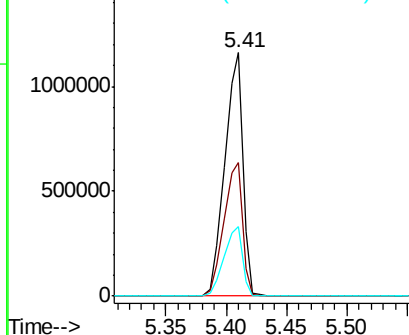
#5

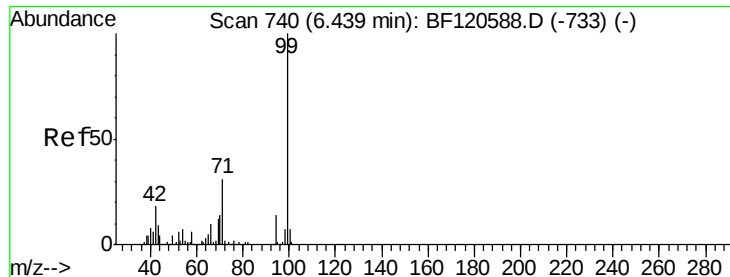
2-Fluorophenol
Concen: 115.443 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF120628.D
Acq: 16 Jun 2020 14:58

Tgt Ion:112 Resp: 1204769
Ion Ratio Lower Upper
112 100
64 55.0 46.1 69.1
63 28.5 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: 116.924 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF120628.D

Acq: 16 Jun 2020 14:58

Instrument :

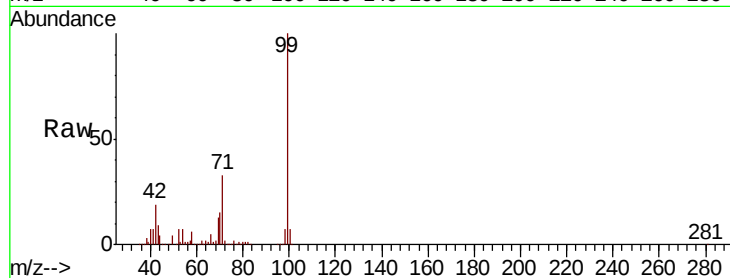
BNA_F

ClientSampleId :

PB129581BL

Tot Ion: 99 Resp: 1519787

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.0	21.0
71	32.9	24.9	37.3

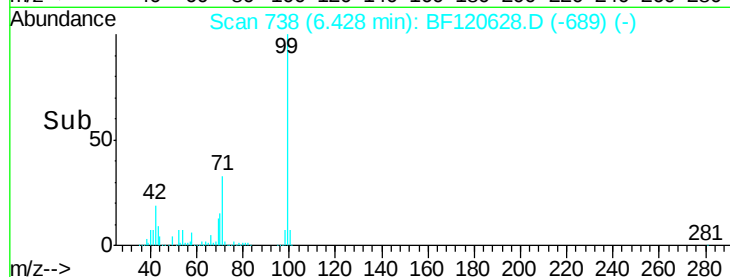


Abundance

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

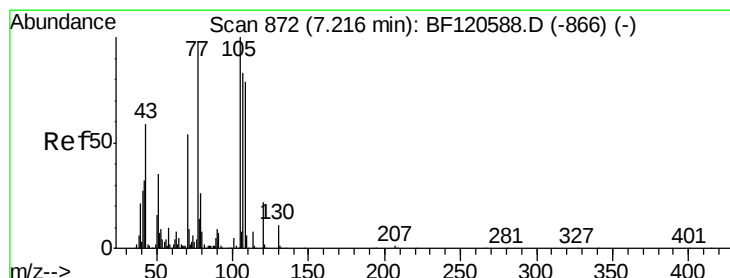


Abundance

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: 17.384 ng

RT: 7.36 min Scan# 897

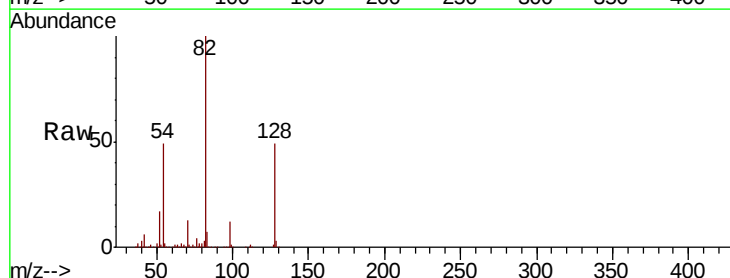
Delta R.T. 0.15 min

Lab File: BF120628.D

Acq: 16 Jun 2020 14:58

Tgt Ion: 70 Resp: 131066

Ion	Ratio	Lower	Upper
70	100		
42	47.2	47.7	71.5#
101	0.0	7.6	11.4#
130	2.6	16.7	25.1#



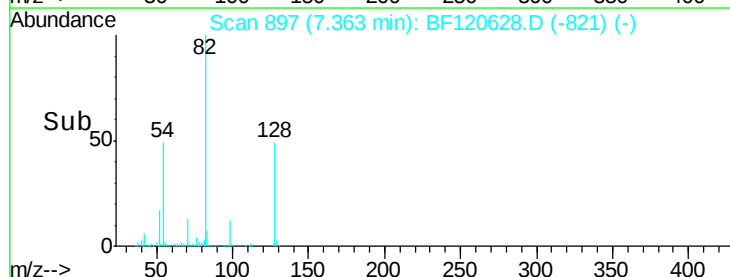
Abundance

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



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

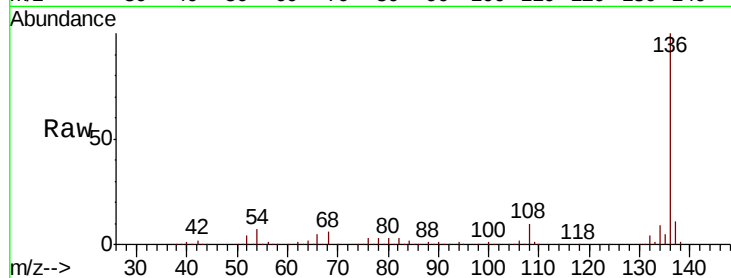
Ion 130.00 (129.70 to 130.70): BF1



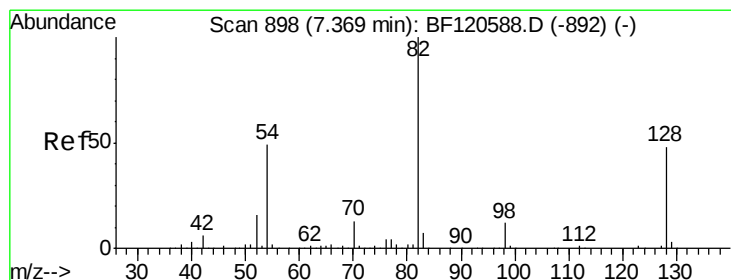
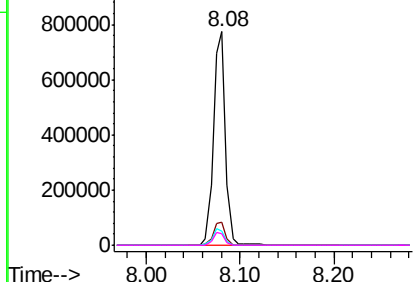
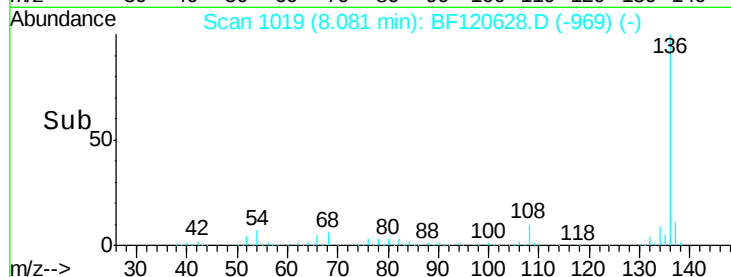
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF120628.D
Acq: 16 Jun 2020 14:58

Instrument :
BNA_F
ClientSampleId :
PB129581BL

Tot Ion:136	Resp:	699878
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.6 13.0
54	6.9	5.8 8.6
68	5.6	4.4 6.6

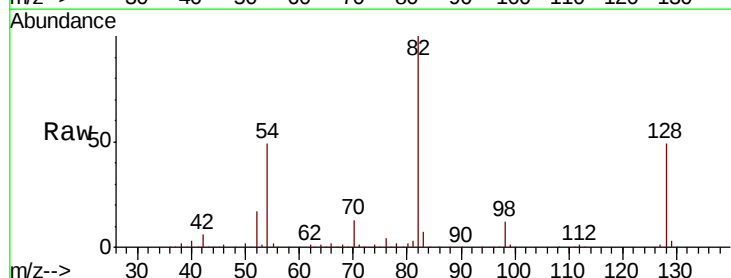


Abundance Ion 136.00 (135.70 to 136.70): E
1200000
Ion 137.00 (136.70 to 137.70): E
1000000
Ion 54.00 (53.70 to 54.70): BF1
800000
Ion 68.00 (67.70 to 68.70): BF1
600000
400000
200000
0

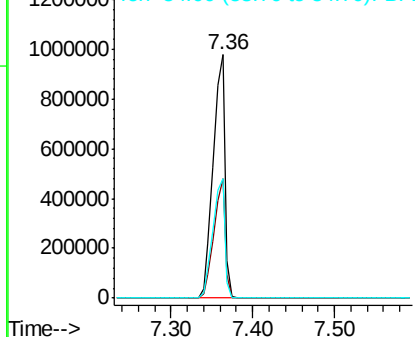
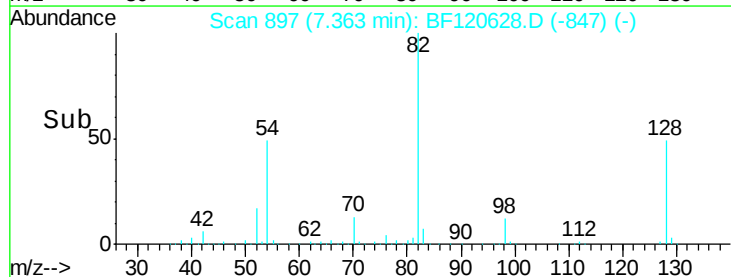


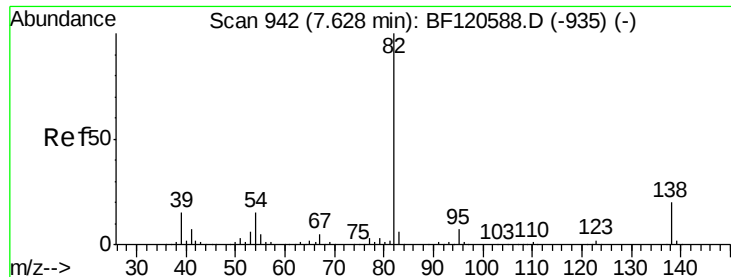
#23
Nitrobenzene-d5
Concen: 78.748 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF120628.D
Acq: 16 Jun 2020 14:58

Tgt Ion: 82	Resp:	985999
Ion	Ratio	Lower Upper
82	100	
128	48.9	38.0 57.0
54	49.0	38.8 58.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
1200000
Ion 128.00 (127.70 to 128.70): E
1000000
Ion 54.00 (53.70 to 54.70): BF1
800000
600000
400000
200000
0





#25

Isophorone

Concen: 40.389 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF120628.D

Acq: 16 Jun 2020 14:58

Instrument :

BNA_F

ClientSampleId :

PB129581BL

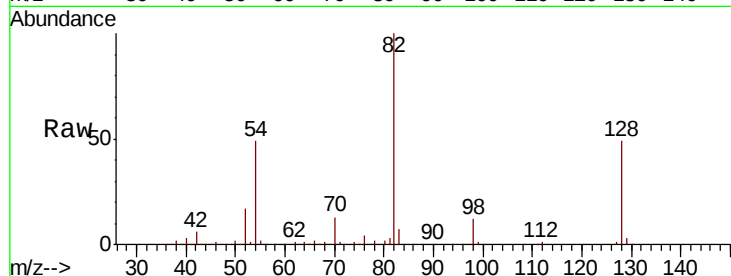
Tot Ion: 82 Resp: 985100

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

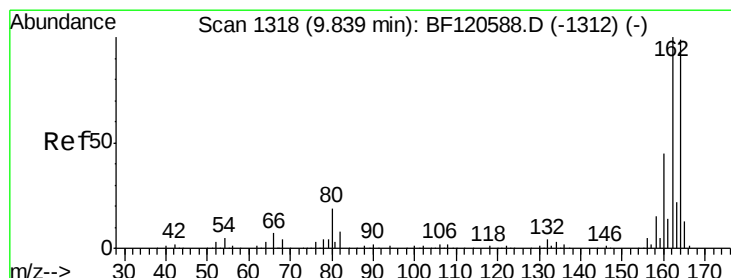
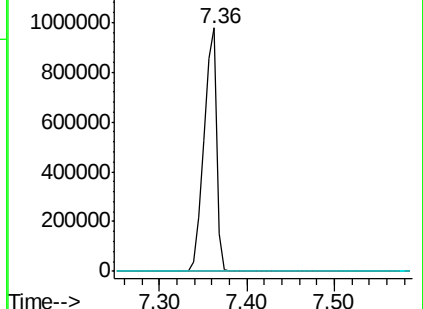
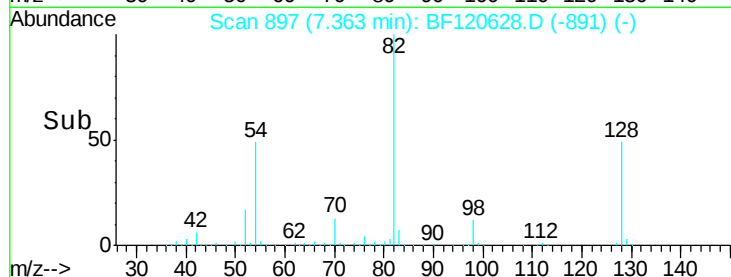
138 0.0 16.2 24.4#



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: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF120628.D

Acq: 16 Jun 2020 14:58

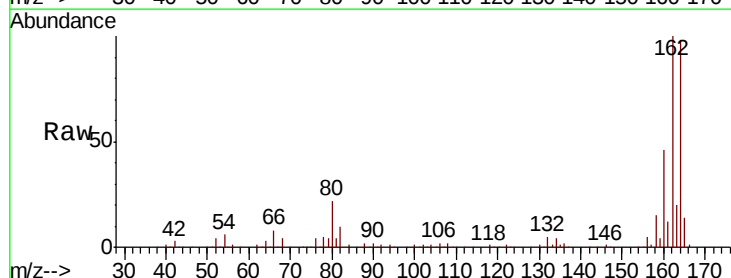
Tgt Ion: 164 Resp: 363837

Ion Ratio Lower Upper

164 100

162 101.6 80.6 120.8

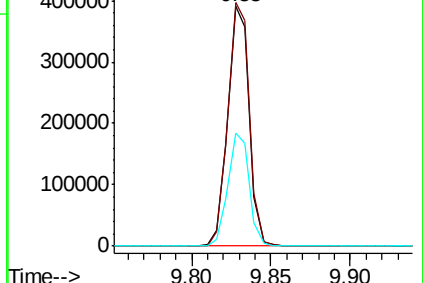
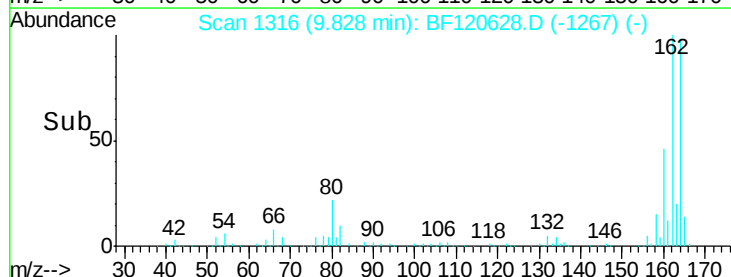
160 47.1 36.2 54.2

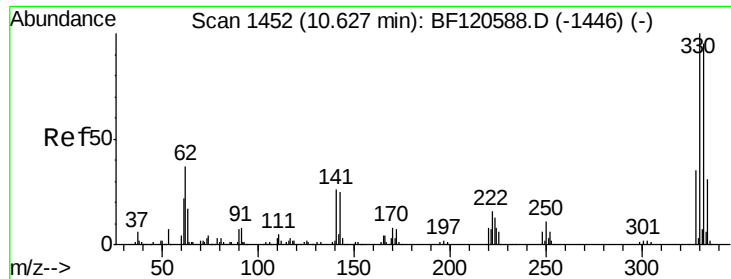


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

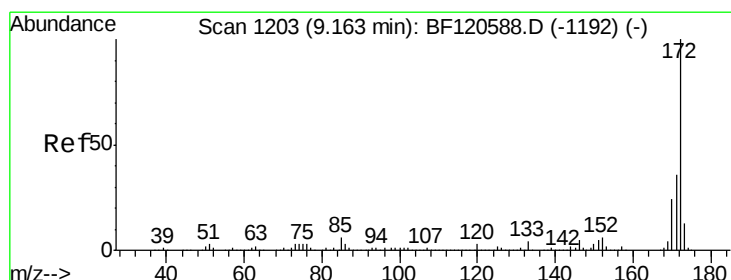
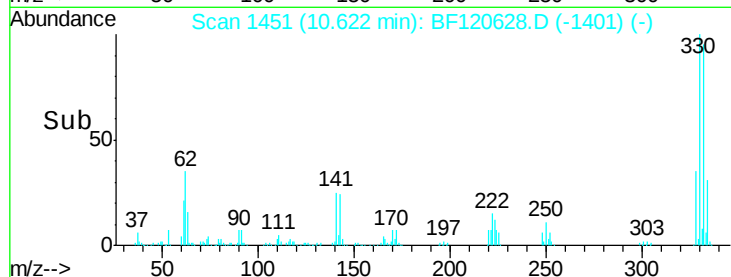
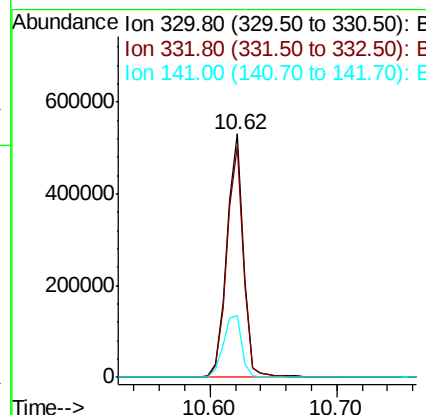
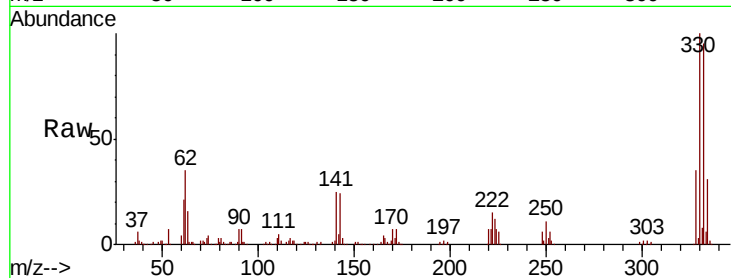




#42
 2,4,6-Tribromophenol
 Concen: 114.617 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF120628.D
 Acq: 16 Jun 2020 14:58

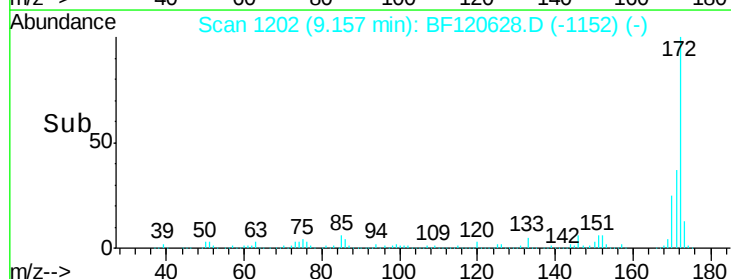
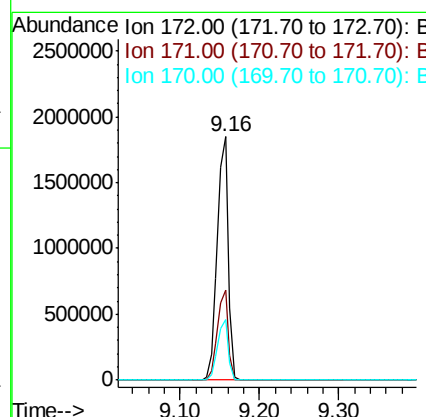
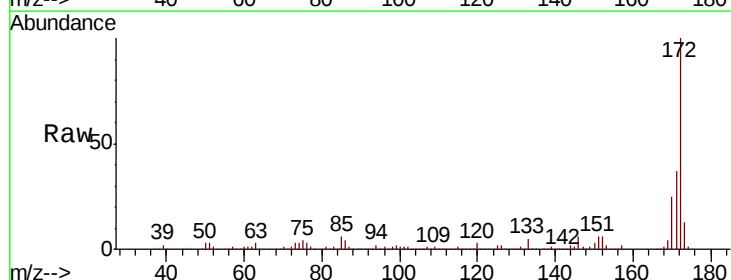
Instrument :
 BNA_F
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 PB129581BL

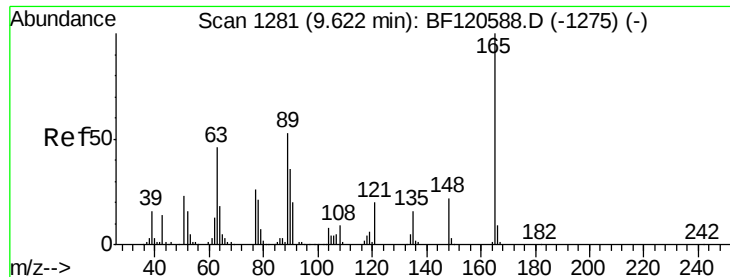
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.8	115.2
141	28.8	23.2	34.8



#45
 2-Fluorobiphenyl
 Concen: 74.987 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF120628.D
 Acq: 16 Jun 2020 14:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.4
170	24.7	19.4	29.2





#51

2,6-Dinitrotoluene

Concen: 8.196 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.21 min

Lab File: BF120628.D

Acq: 16 Jun 2020 14:58

Instrument :

BNA_F

ClientSampleId :

PB129581BL

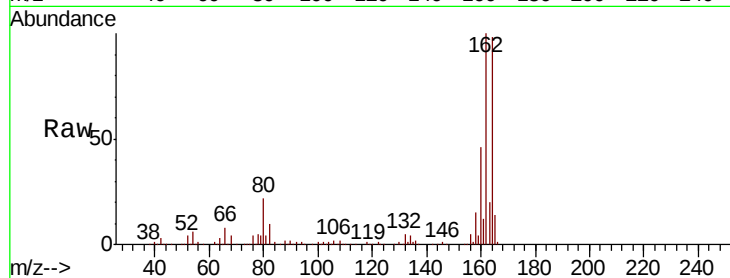
Tot Ion:165 Resp: 48671

Ion Ratio Lower Upper

165 100

63 1.2 41.7 62.5#

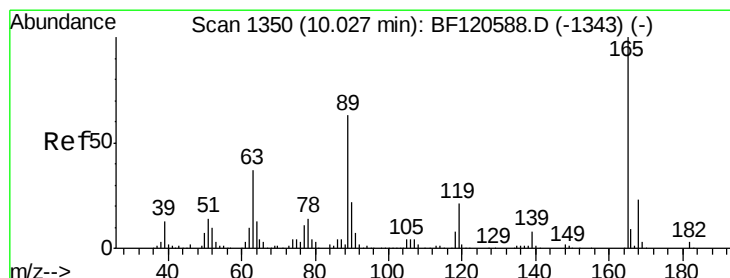
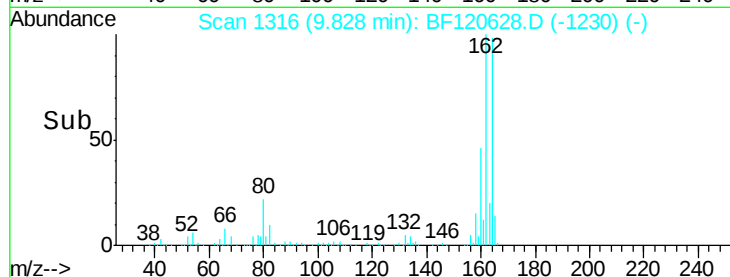
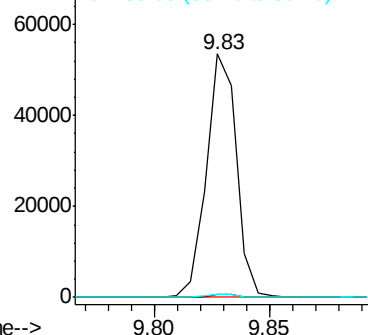
89 1.0 42.6 64.0#



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: 6.177 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.20 min

Lab File: BF120628.D

Acq: 16 Jun 2020 14:58

Tgt Ion:165 Resp: 48671

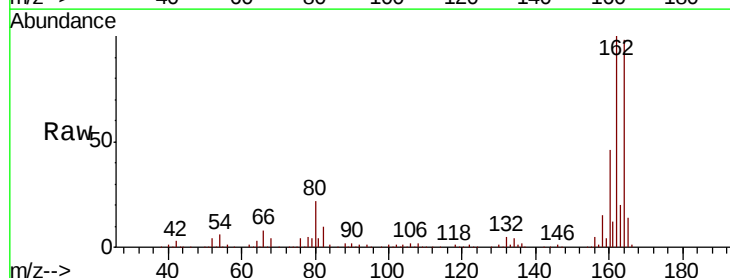
Ion Ratio Lower Upper

165 100

63 1.2 29.8 44.8#

89 1.0 50.4 75.6#

182 0.0 2.1 3.1#

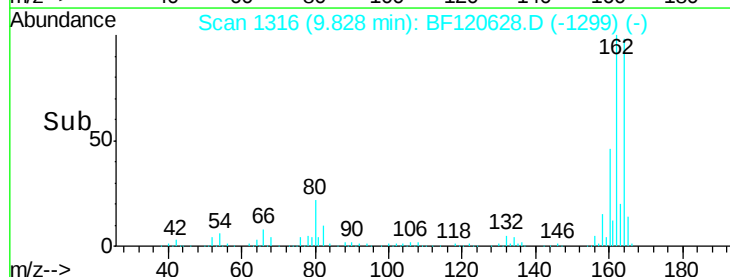
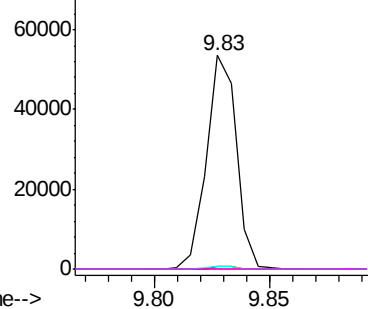


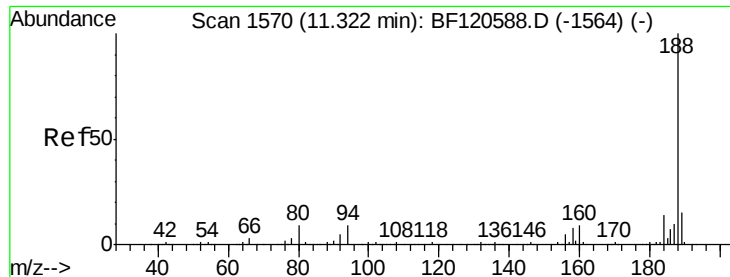
Abundance Ion 165.00 (164.70 to 165.70): E

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

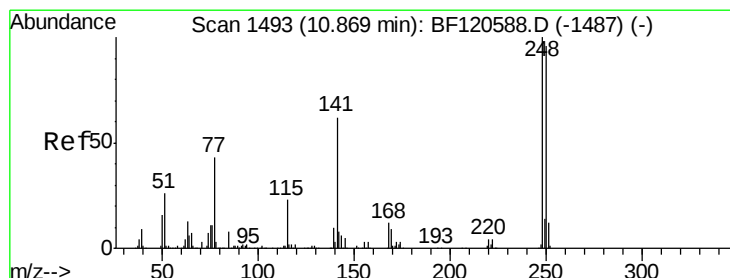
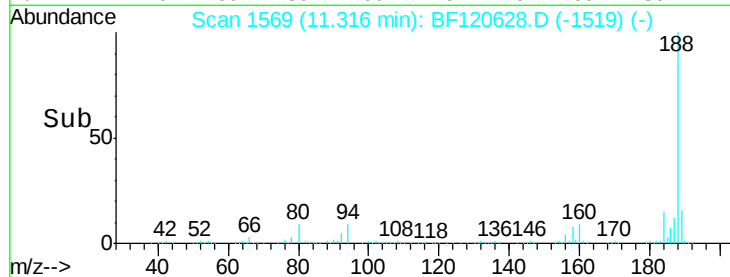
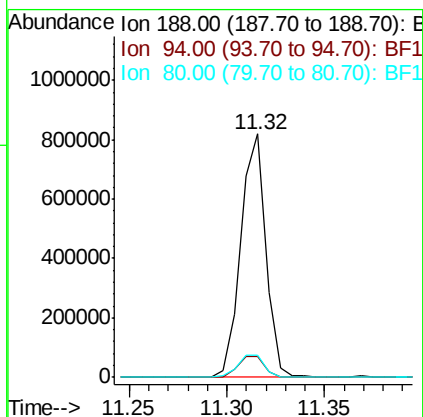
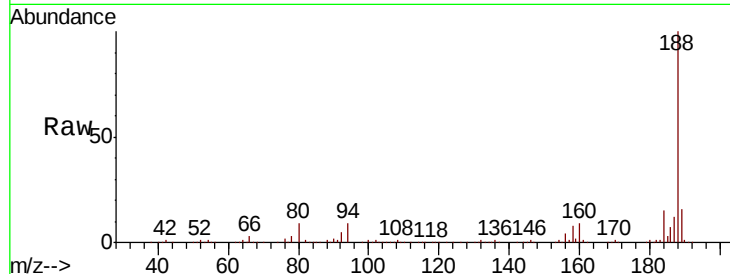




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF120628.D
Acq: 16 Jun 2020 14:58

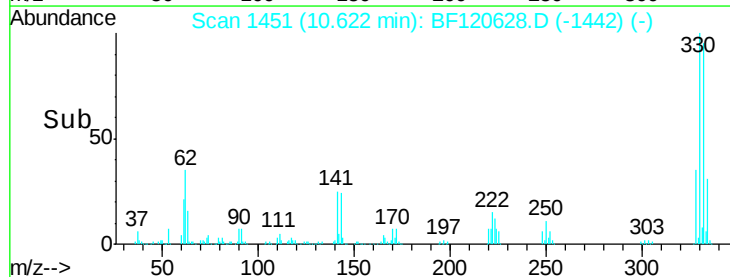
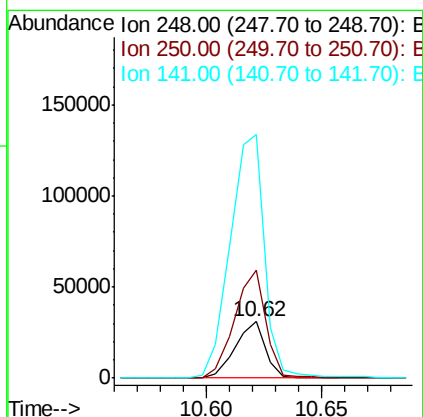
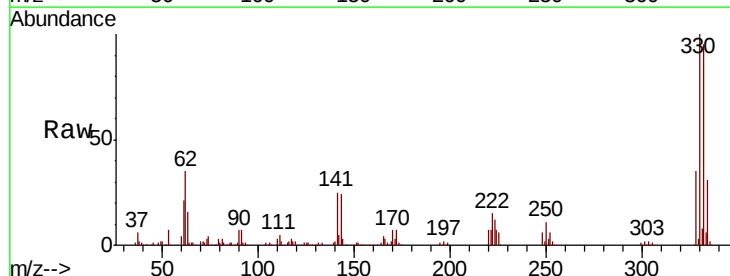
Instrument :
BNA_F
ClientSampleId :
PB129581BL

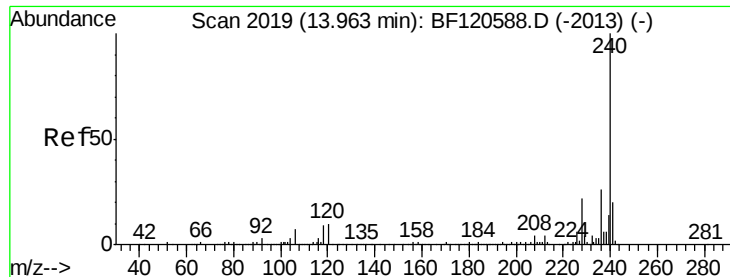
Tot Ion:188 Resp: 730019
Ion Ratio Lower Upper
188 100
94 8.6 7.2 10.8
80 9.2 7.4 11.2



#67
4-Bromophenyl-phenylether
Concen: 3.429 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF120628.D
Acq: 16 Jun 2020 14:58

Tgt Ion:248 Resp: 28412
Ion Ratio Lower Upper
248 100
250 191.2 76.7 115.1#
141 431.1 49.4 74.0#

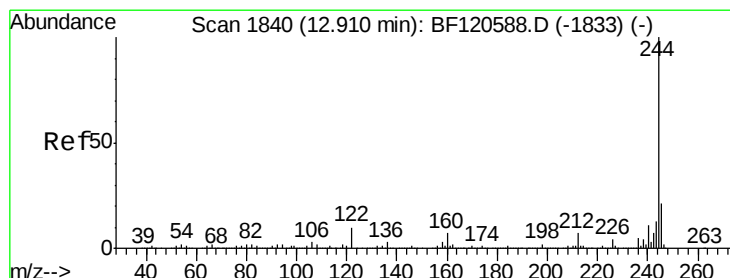
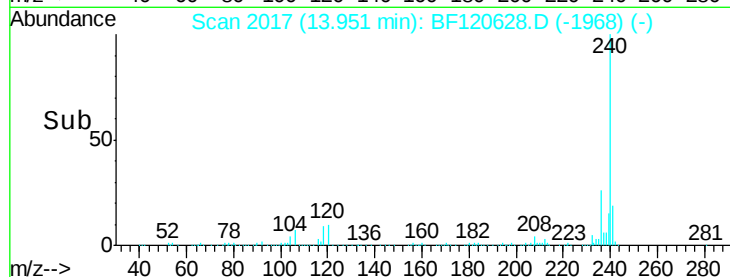
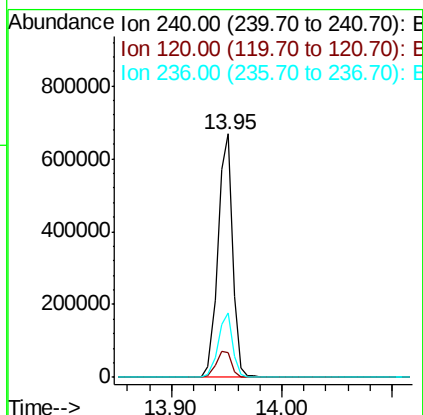
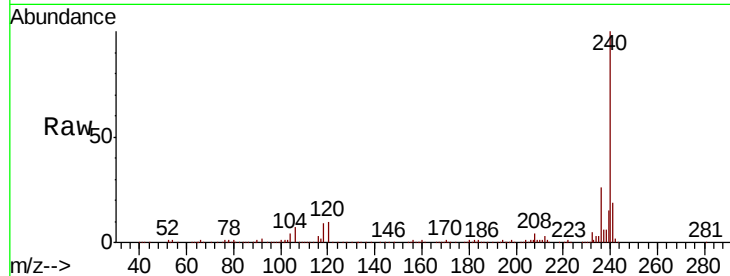




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF120628.D
Acq: 16 Jun 2020 14:58

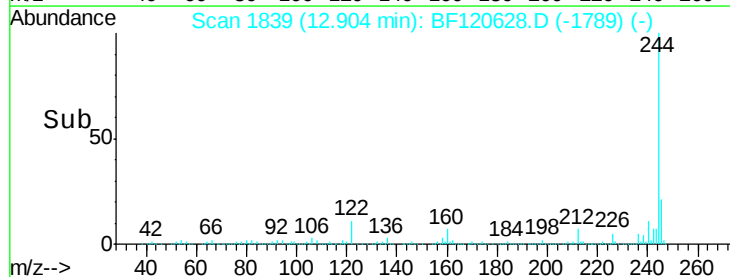
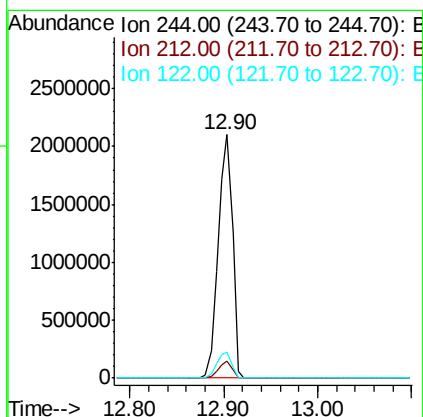
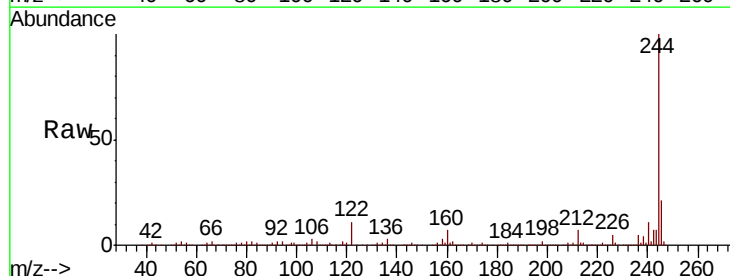
Instrument :
BNA_F
ClientSampleId :
PB129581BL

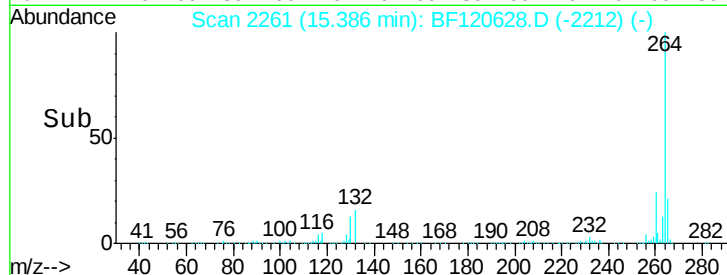
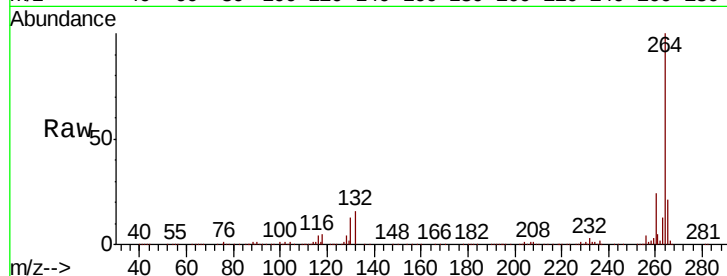
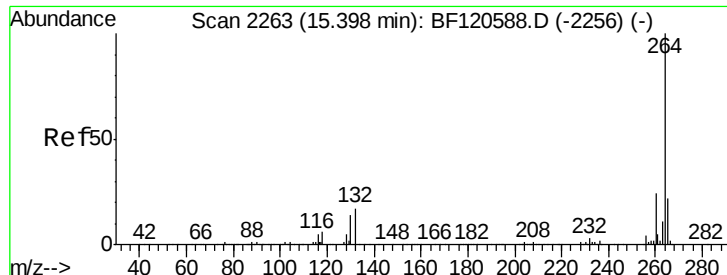
Tot Ion:240 Resp: 617165
Ion Ratio Lower Upper
240 100
120 10.1 8.3 12.5
236 26.4 21.0 31.4



#79
Terphenyl-d14
Concen: 80.094 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF120628.D
Acq: 16 Jun 2020 14:58

Tgt Ion:244 Resp: 2237840
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 10.6 8.3 12.5





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2261
 Delta R.T. -0.01 min
 Lab File: BF120628.D
 Acq: 16 Jun 2020 14:58

Instrument :
 BNA_F
 ClientSampleId :
 PB129581BL

Tot Ion:264	Resp:	655191
Ion Ratio	Lower	Upper
264	100	
260	23.9	19.3 28.9
265	21.3	17.8 26.8

