

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061720\
 Data File : BF120640.D
 Acq On : 17 Jun 2020 18:51
 Operator : JU/CG
 Sample : L2811-01 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620

Quant Time: Jun 17 19:22:17 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

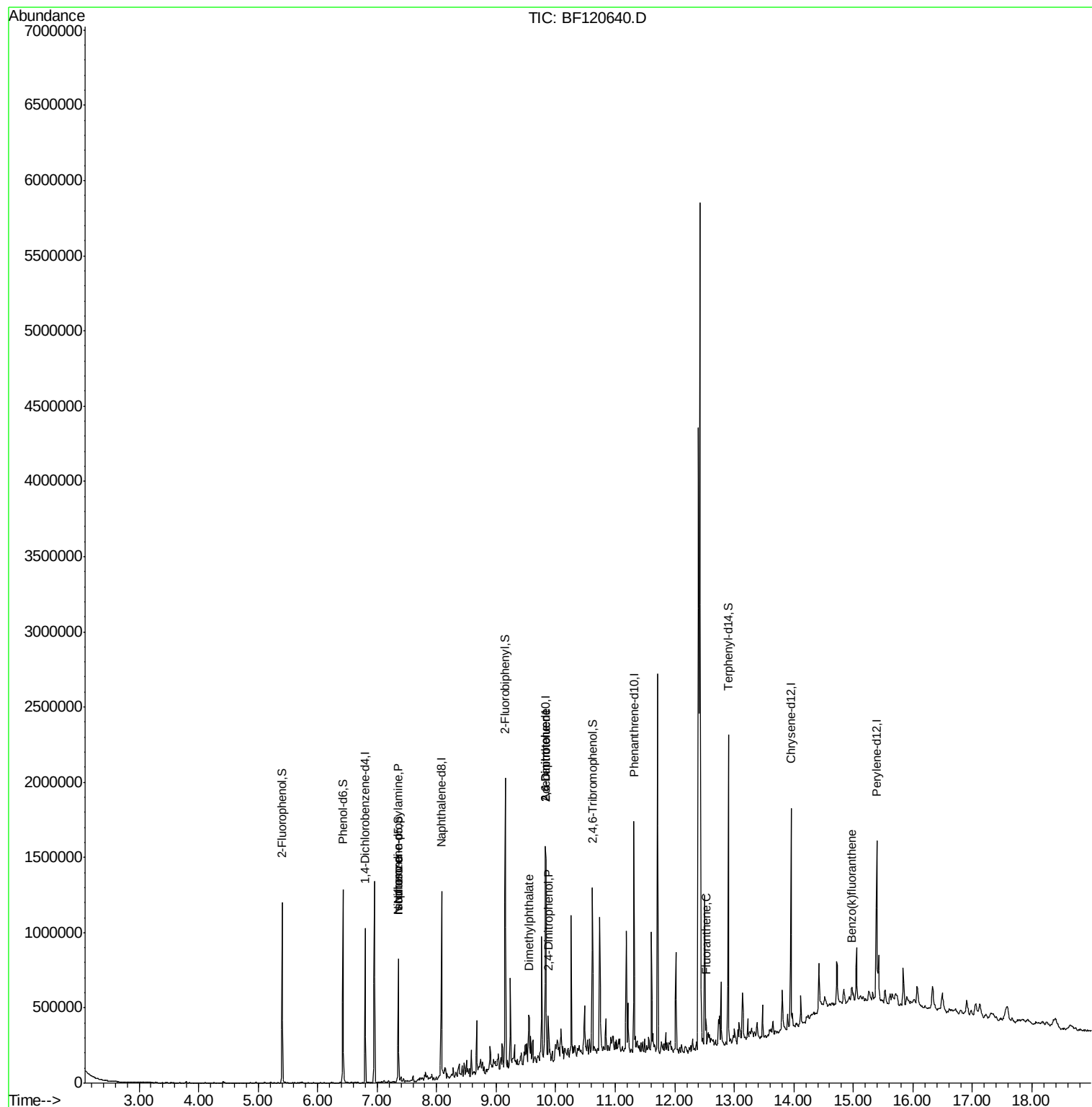
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	150720	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	554746	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	285483	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	550410	20.00	ng	0.00
76) Chrysene-d12	13.95	240	492186	20.00	ng	-0.01
86) Perylene-d12	15.39	264	528966	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	344843	39.23	ng	-0.01
7) Phenol-d6	6.42	99	420649	38.42	ng	-0.02
23) Nitrobenzene-d5	7.36	82	255343	25.73	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	129835	39.12	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	542216	29.06	ng	-0.01
79) Terphenyl-d14	12.90	244	677052	30.39	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	33837	5.328	ng	# 78
25) Isophorone	7.36	82	252319	13.052	ng	# 62
50) Dimethylphthalate	9.55	163	60855	2.960	ng	98
51) 2,6-Dinitrotoluene	9.83	165	39723	8.525	ng	# 28
54) 2,4-Dinitrophenol	9.87	184	464	3.226	ng	96
57) 2,4-Dinitrotoluene	9.83	165	39723	6.425	ng	# 30
75) Fluoranthene	12.52	202	69204	2.212	ng	99
89) Benzo(k)fluoranthene	14.97	252	60500	2.170	ng	# 84

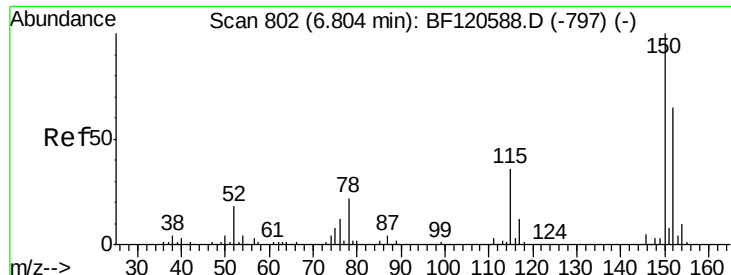
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061720\
Data File : BF120640.D
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NB-08-061620

Quant Time: Jun 17 19:22:17 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



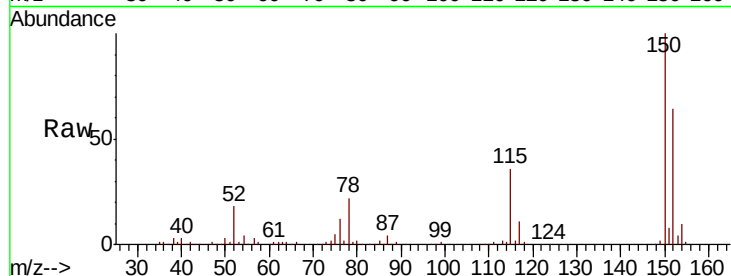


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120640.D
Acq: 17 Jun 2020 18:51

Instrument :
BNA_F
ClientSampleId :
NB-08-061620

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	123.2	184.8
115	56.0	43.9	65.9

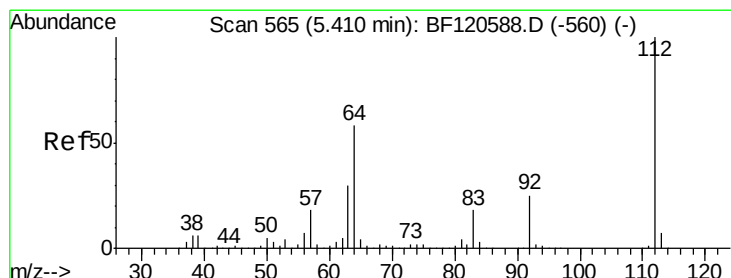
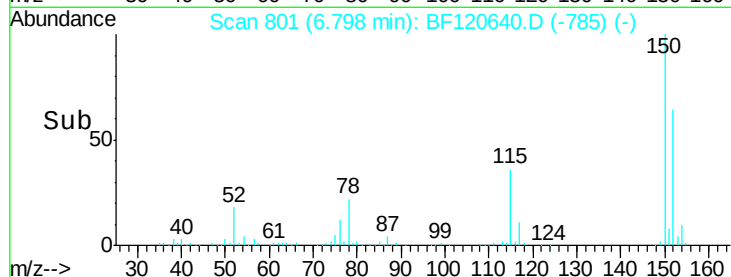
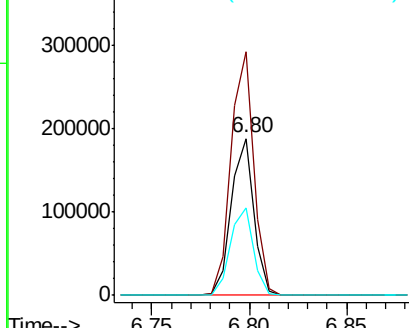


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

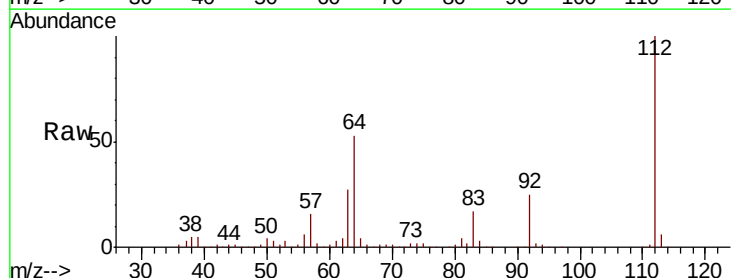
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 39.226 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF120640.D
Acq: 17 Jun 2020 18:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.0	46.1	69.1
63	26.7	23.7	35.5

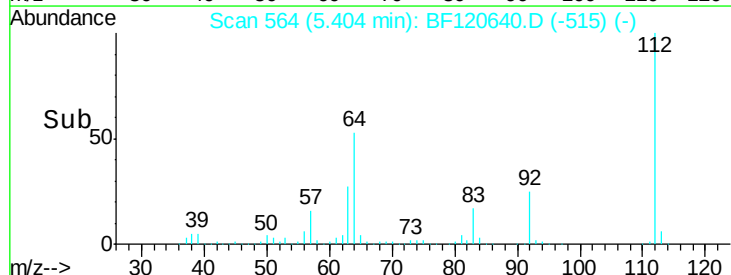
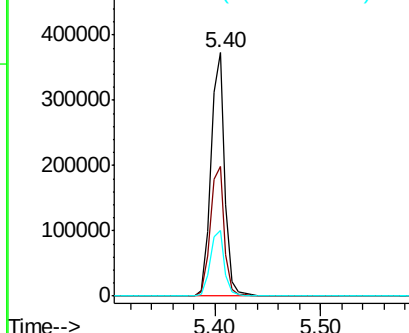


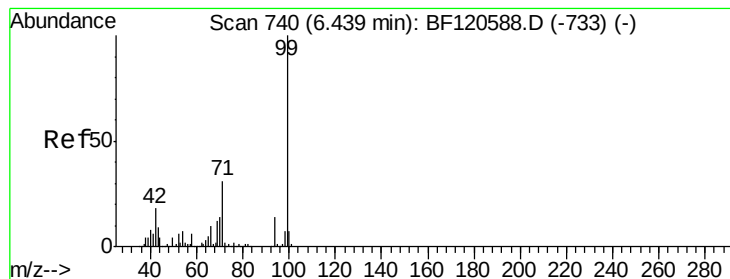
Abundance

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: 38.418 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF120640.D

Acq: 17 Jun 2020 18:51

Instrument :

BNA_F

ClientSampleId :

NB-08-061620

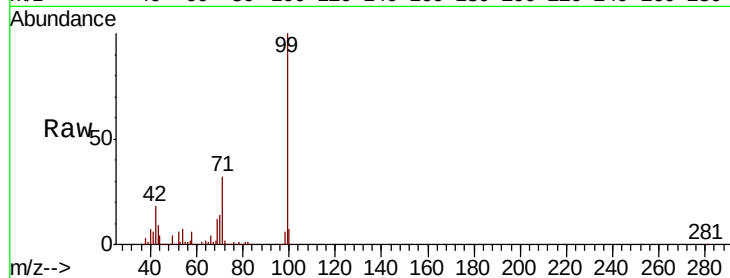
Tot Ion: 99 Resp: 420649

Ion Ratio Lower Upper

99 100

42 18.4 14.0 21.0

71 31.5 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

6.42

500000

400000

300000

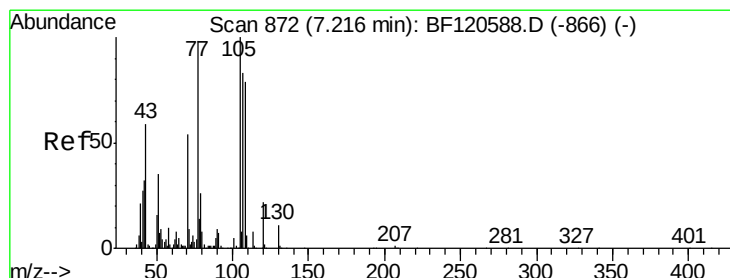
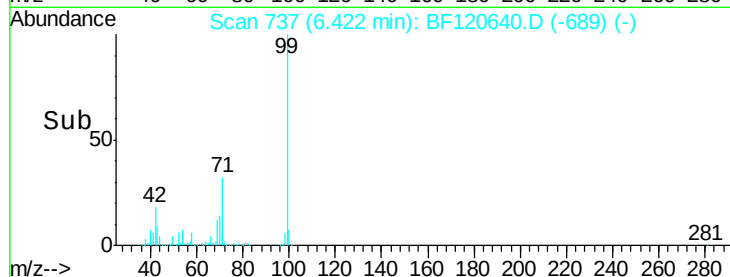
200000

100000

0

6.35 6.40 6.45 6.50 6.55

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 5.328 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF120640.D

Acq: 17 Jun 2020 18:51

Tgt Ion: 70 Resp: 33837

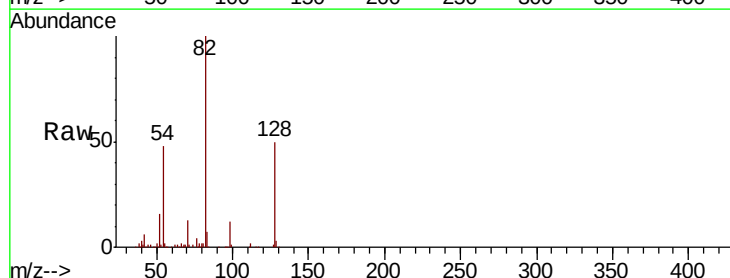
Ion Ratio Lower Upper

70 100

42 48.0 47.7 71.5

101 0.0 7.6 11.4#

130 2.3 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

7.36

50000

40000

30000

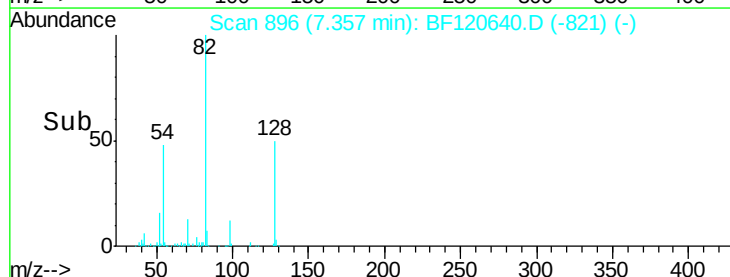
20000

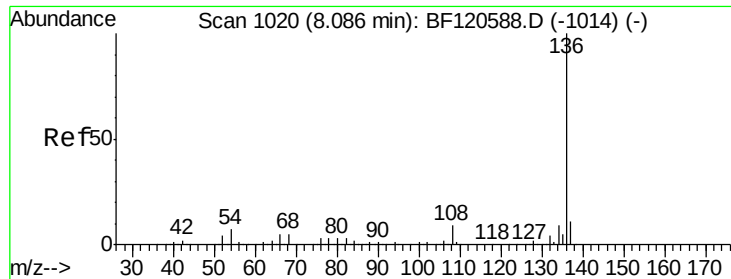
10000

0

7.30 7.35 7.40

Time-->

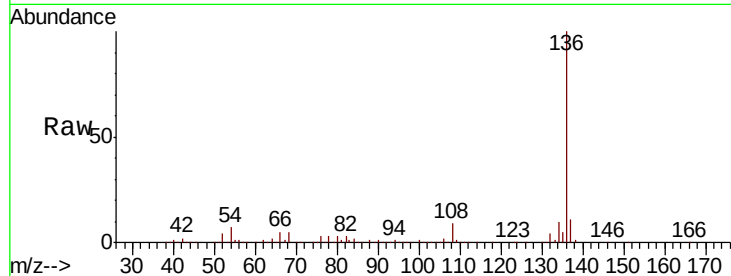




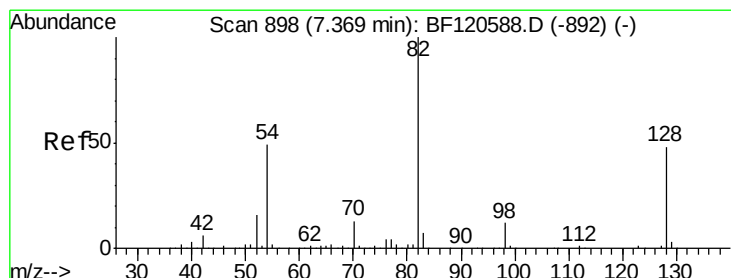
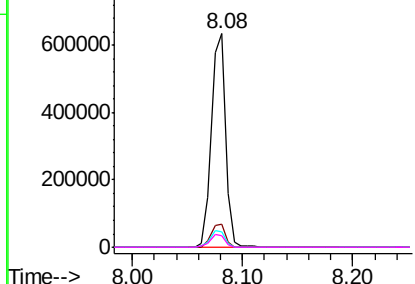
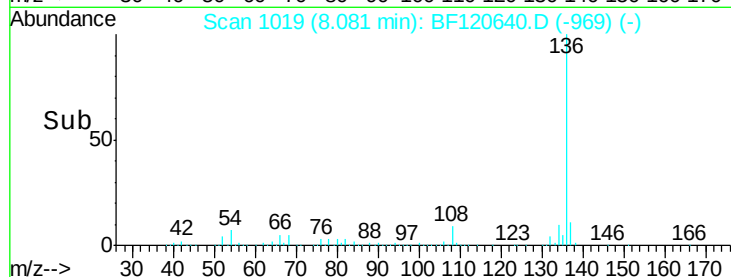
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF120640.D
Acq: 17 Jun 2020 18:51

Instrument :
BNA_F
ClientSampleId :
NB-08-061620

Tot Ion:136	Resp:	554746	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	8.6	13.0	
54 6.9	5.8	8.6	
68 5.5	4.4	6.6	

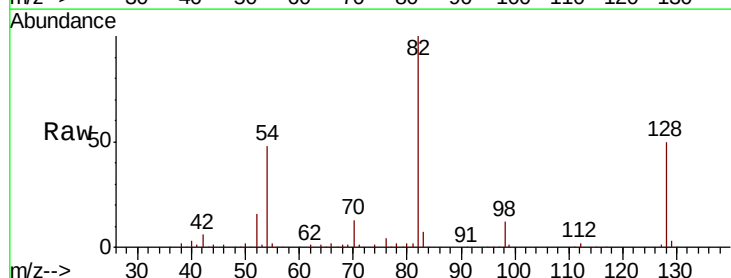


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

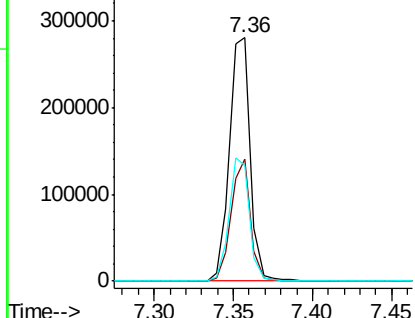
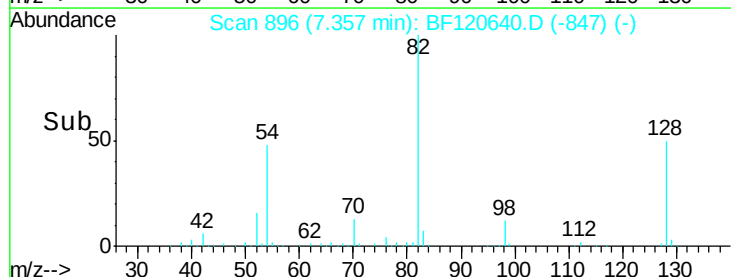


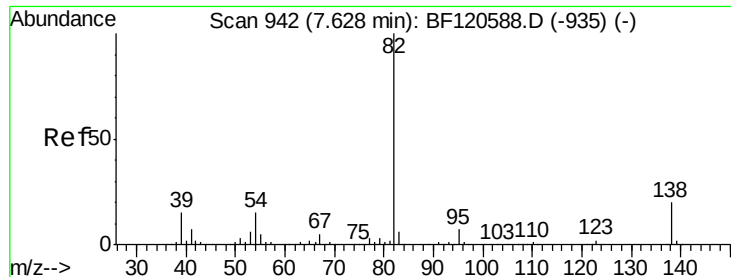
#23
Nitrobenzene-d5
Concen: 25.729 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF120640.D
Acq: 17 Jun 2020 18:51

Tgt Ion: 82	Resp: 255343
Ion Ratio	Lower Upper
82 100	
128 50.4	38.0 57.0
54 47.7	38.8 58.2



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





#25

Isophorone

Concen: 13.052 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.27 min

Lab File: BF120640.D

Acq: 17 Jun 2020 18:51

Instrument :

BNA_F

ClientSampleId :

NB-08-061620

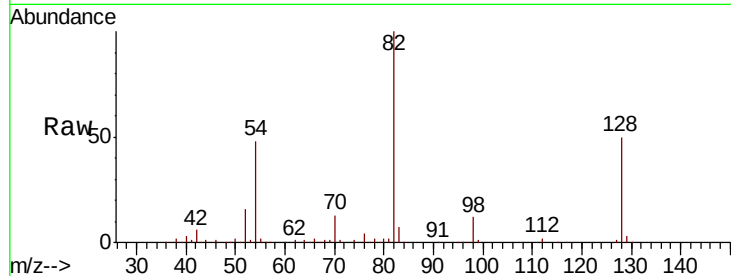
Tot Ion: 82 Resp: 252319

Ion Ratio Lower Upper

82 100

95 0.1 5.7 8.5#

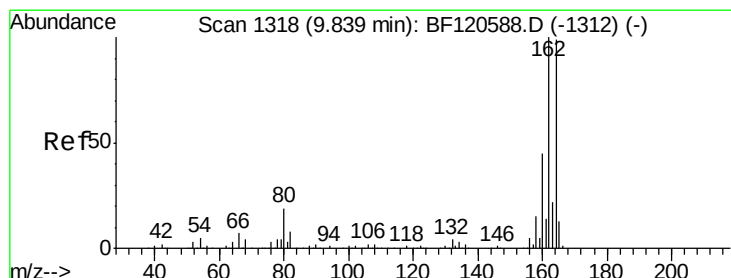
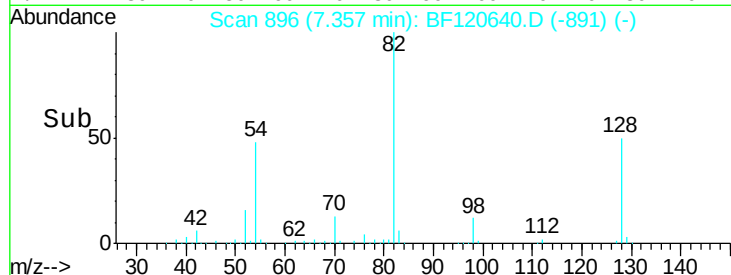
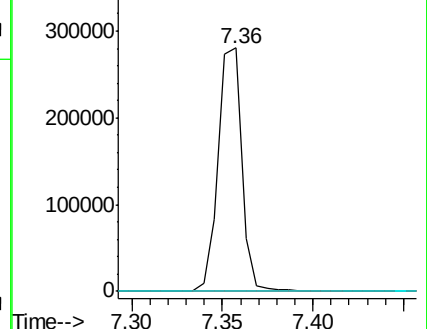
138 0.0 16.2 24.4#



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: BF120640.D

Acq: 17 Jun 2020 18:51

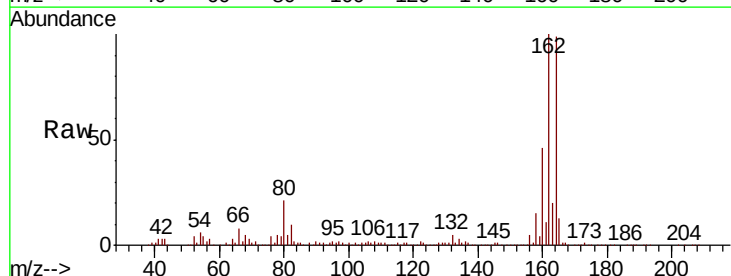
Tgt Ion:164 Resp: 285483

Ion Ratio Lower Upper

164 100

162 100.8 80.6 120.8

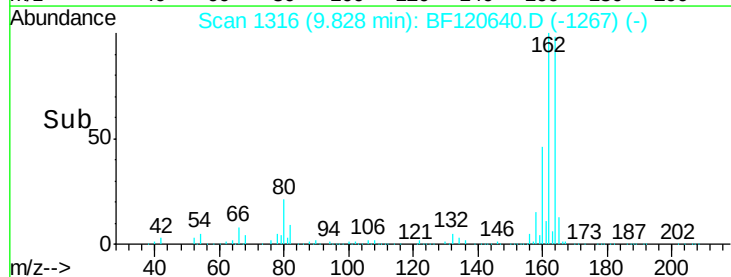
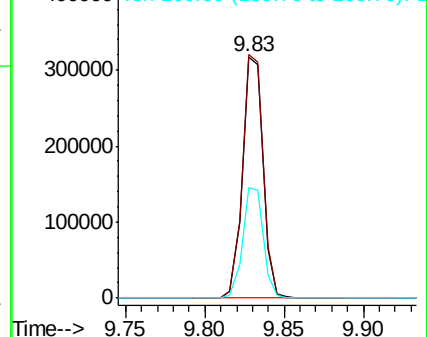
160 46.0 36.2 54.2

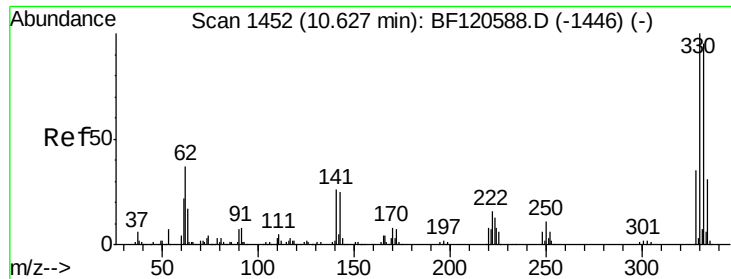


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

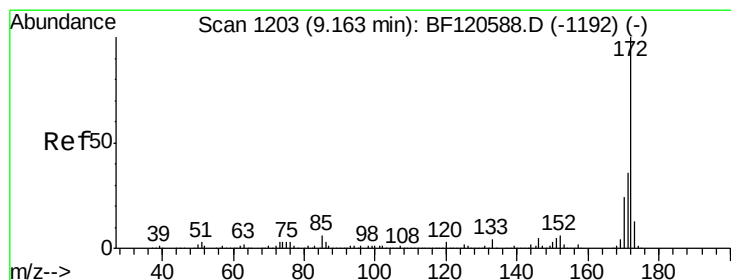
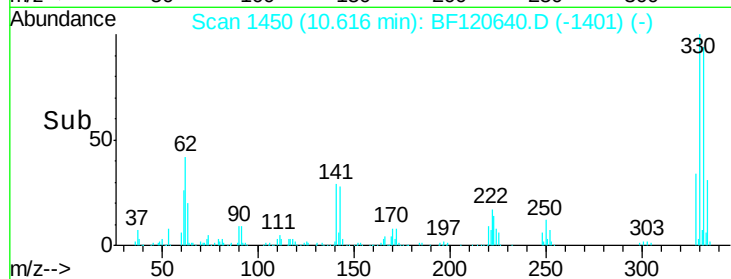
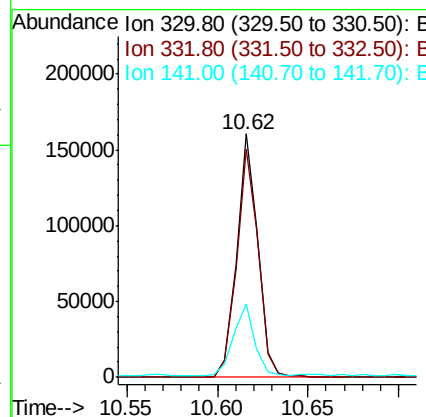
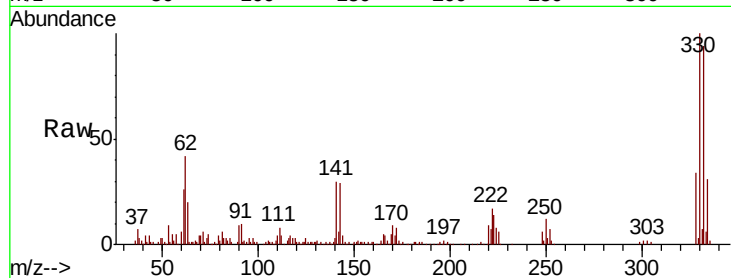




#42
 2,4,6-Tribromophenol
 Concen: 39.117 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF120640.D
 Acq: 17 Jun 2020 18:51

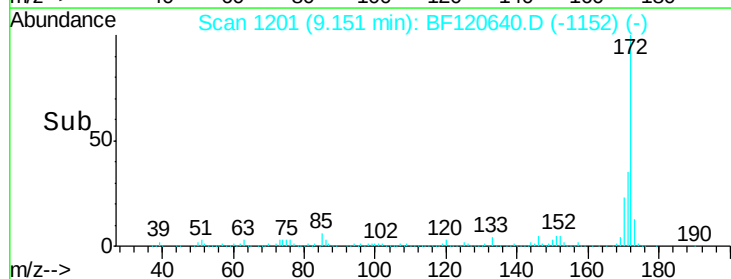
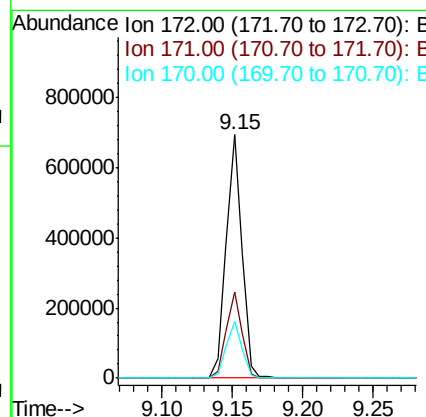
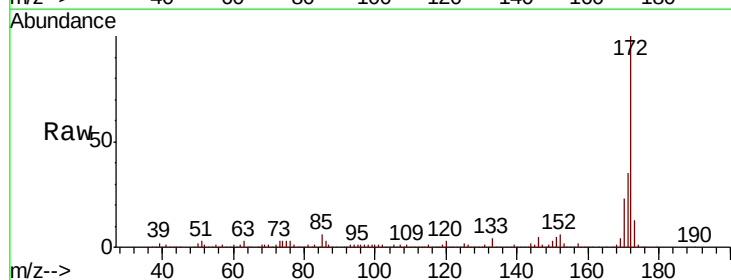
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620

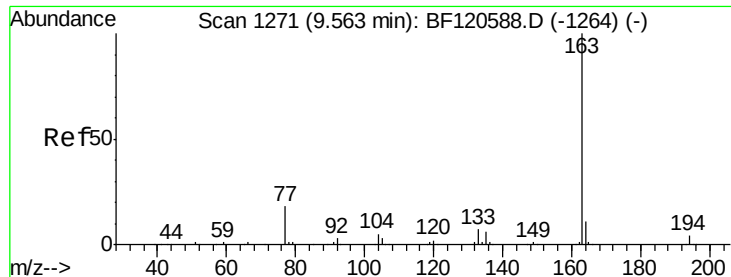
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.8	115.2
141	29.3	23.2	34.8



#45
 2-Fluorobiphenyl
 Concen: 29.059 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF120640.D
 Acq: 17 Jun 2020 18:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.4
170	23.4	19.4	29.2





#50

Dimethylphthalate

Concen: 2.960 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF120640.D

Acq: 17 Jun 2020 18:51

Instrument :

BNA_F

ClientSampleId :

NB-08-061620

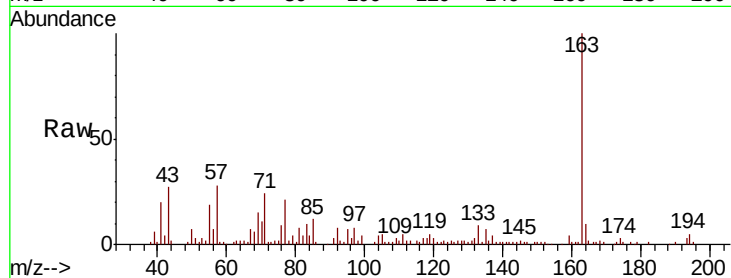
Tot Ion:163 Resp: 60855

Ion Ratio Lower Upper

163 100

194 4.6 3.1 4.7

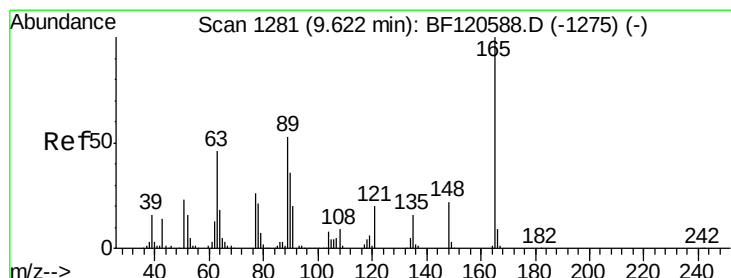
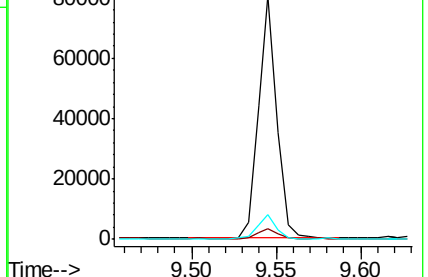
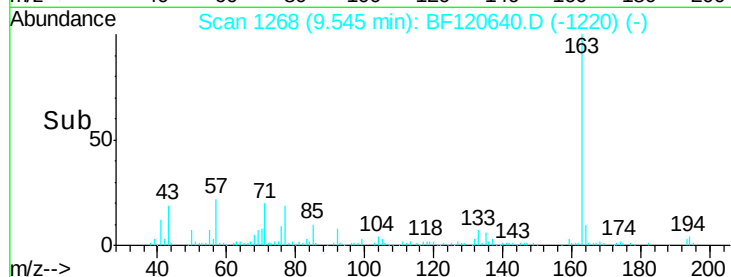
164 10.0 8.5 12.7



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



#51

2,6-Dinitrotoluene

Concen: 8.525 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.21 min

Lab File: BF120640.D

Acq: 17 Jun 2020 18:51

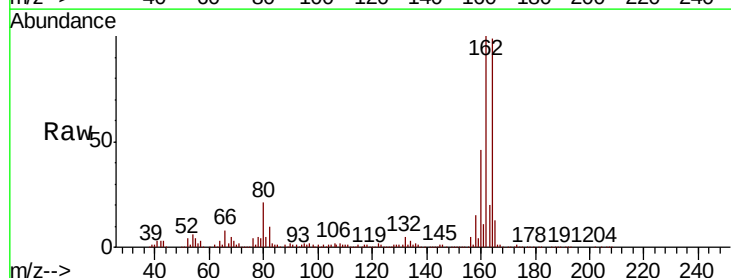
Tgt Ion:165 Resp: 39723

Ion Ratio Lower Upper

165 100

63 1.4 41.7 62.5#

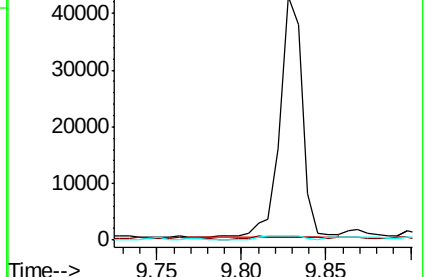
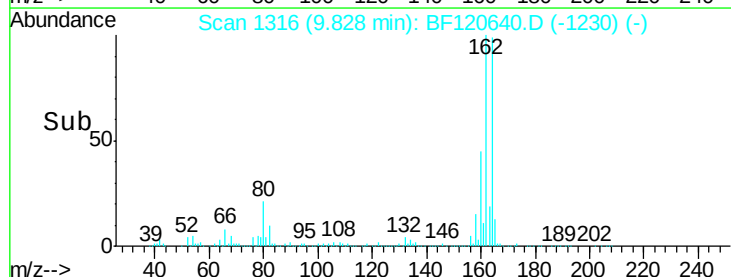
89 1.9 42.6 64.0#

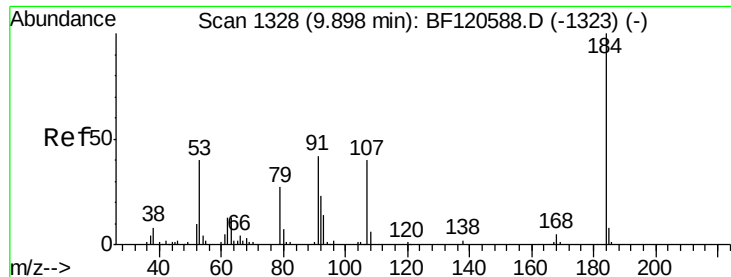


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

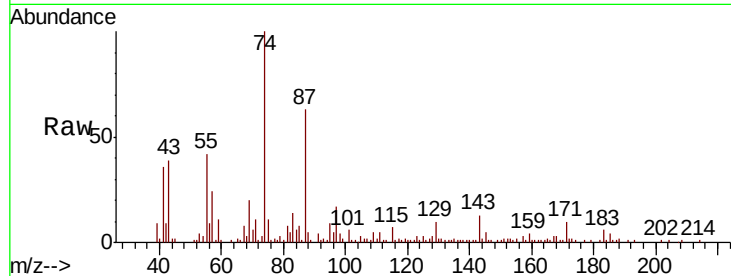




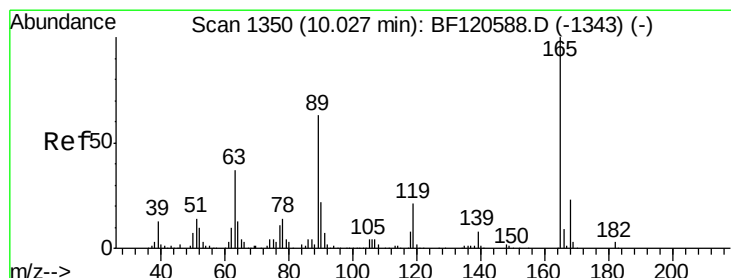
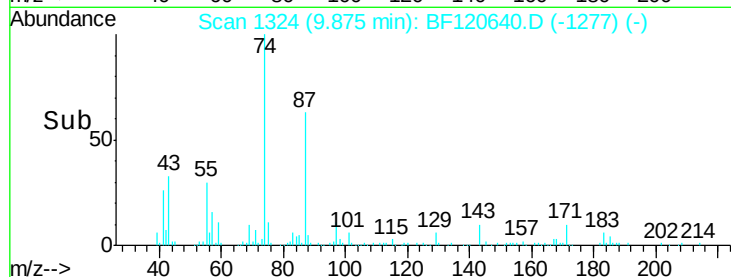
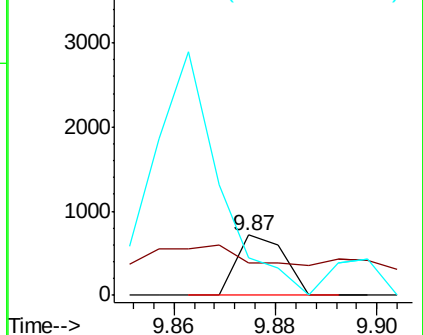
#54
2,4-Dinitrophenol
Concen: 3.226 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BF120640.D
Acq: 17 Jun 2020 18:51

Instrument :
BNA_F
ClientSampleId :
NB-08-061620

Tot Ion:184 Resp: 464
Ion Ratio Lower Upper
184 100
63 54.0 44.2 66.2
154 61.5 45.9 68.9

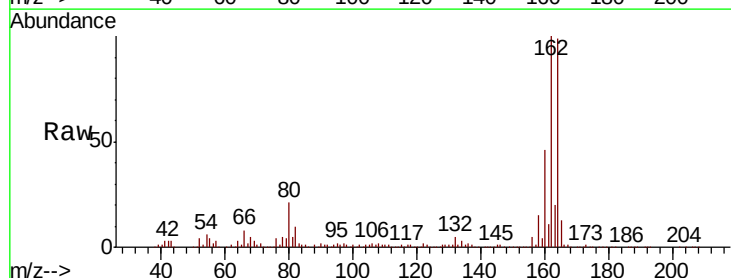


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

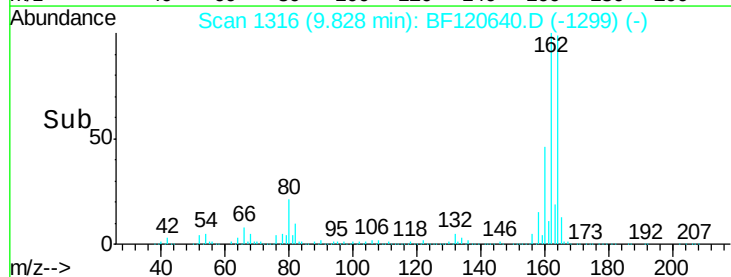
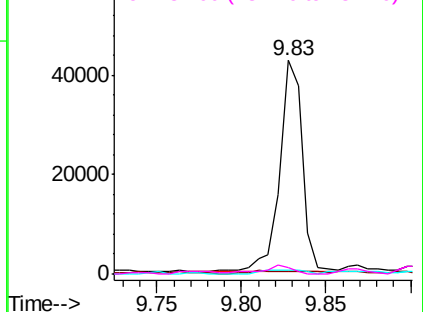


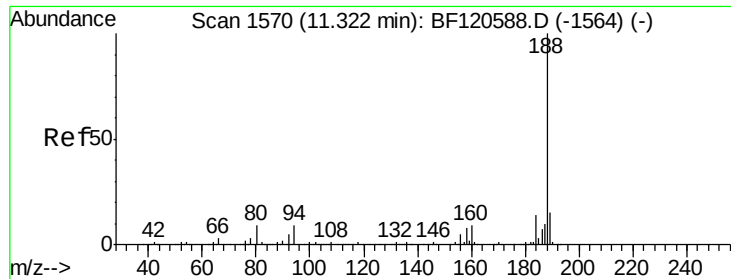
#57
2,4-Dinitrotoluene
Concen: 6.425 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.20 min
Lab File: BF120640.D
Acq: 17 Jun 2020 18:51

Tgt Ion:165 Resp: 39723
Ion Ratio Lower Upper
165 100
63 1.4 29.8 44.8#
89 1.9 50.4 75.6#
182 2.7 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: BF120640.D

Acq: 17 Jun 2020 18:51

Instrument :

BNA_F

ClientSampleId :

NB-08-061620

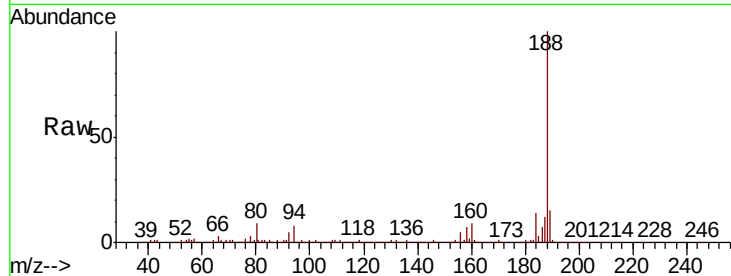
Tot Ion:188 Resp: 550410

Ion Ratio Lower Upper

188 100

94 8.4 7.2 10.8

80 8.9 7.4 11.2

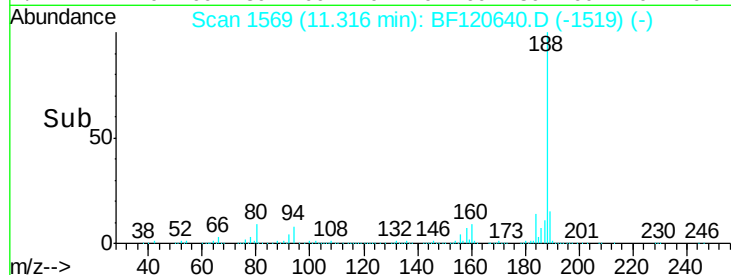


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->



11.32

800000

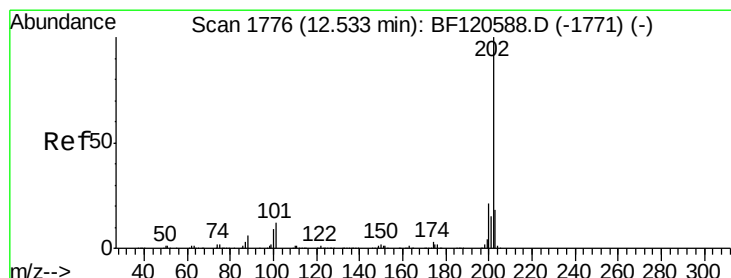
600000

400000

200000

0

11.25 11.30 11.35



#75

Fluoranthene

Concen: 2.212 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF120640.D

Acq: 17 Jun 2020 18:51

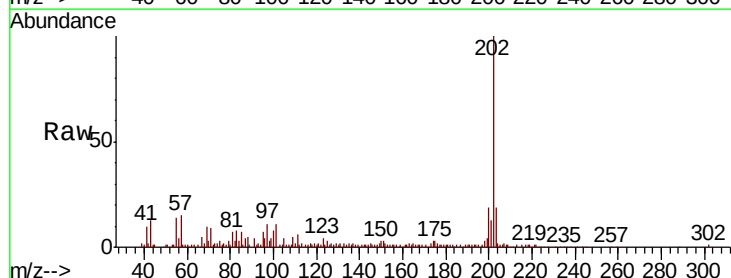
Tgt Ion:202 Resp: 69204

Ion Ratio Lower Upper

202 100

101 11.1 0.0 32.0

203 18.5 0.0 38.3

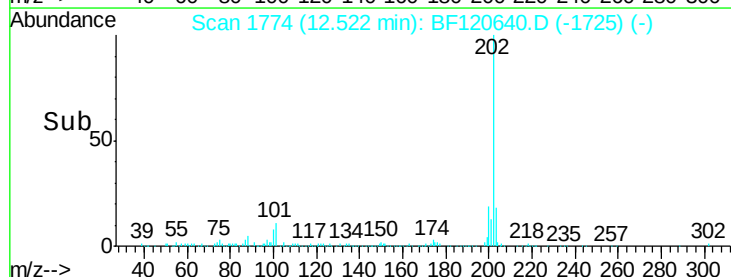


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

Time-->



12.52

100000

80000

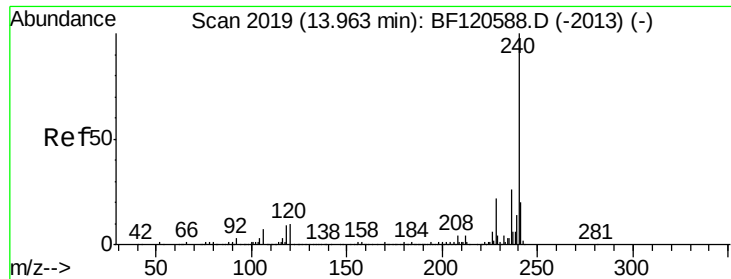
60000

40000

20000

0

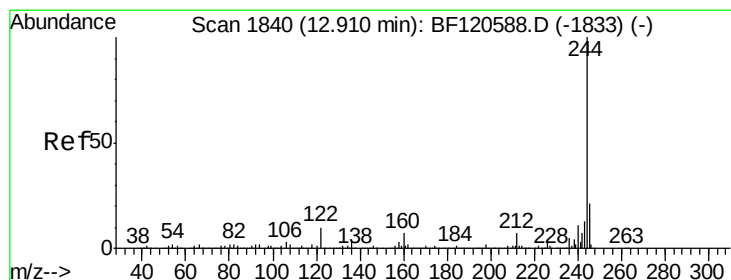
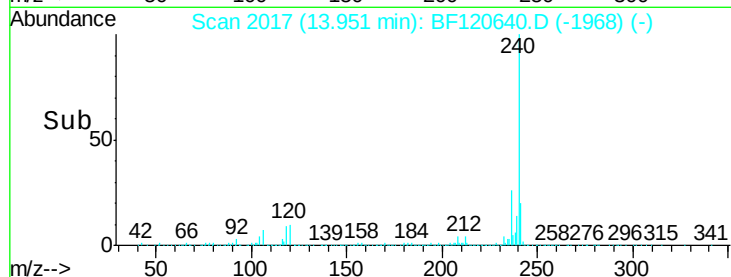
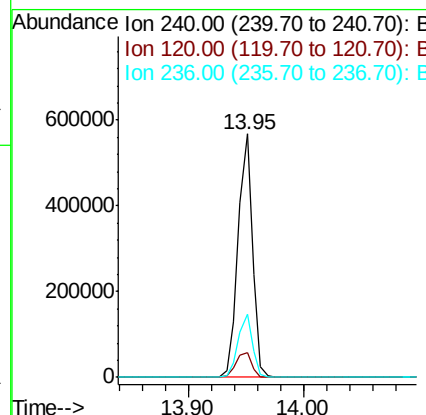
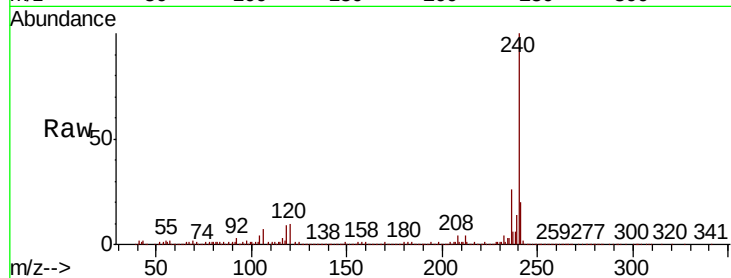
12.50 12.55



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF120640.D
 Acq: 17 Jun 2020 18:51

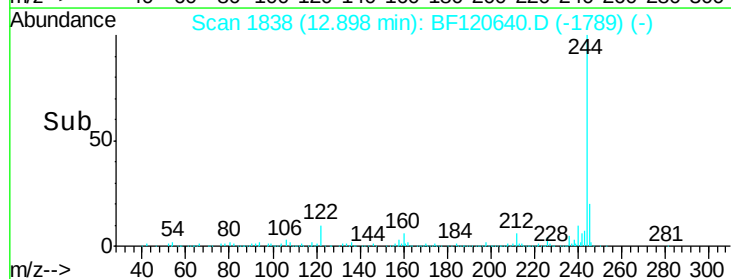
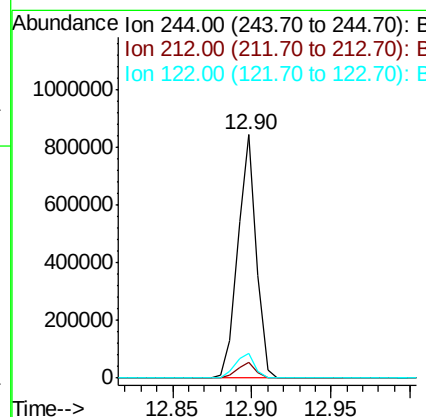
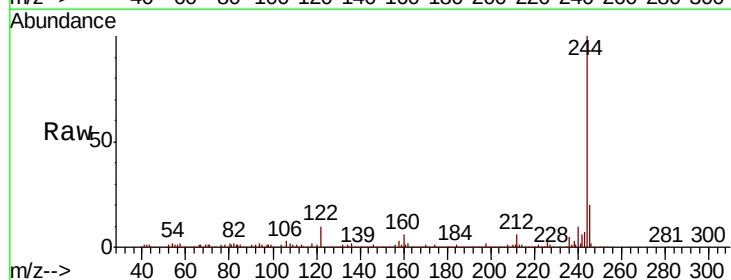
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620

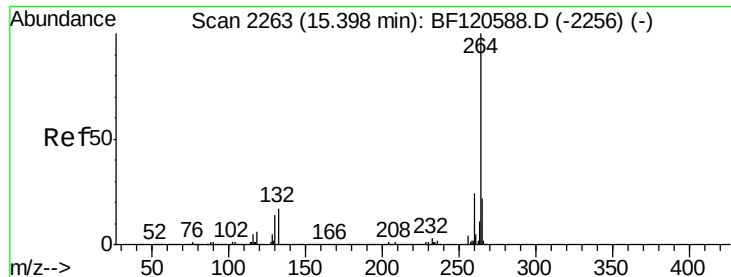
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.3	12.5
236	25.9	21.0	31.4



#79
 Terphenyl-d14
 Concen: 30.385 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BF120640.D
 Acq: 17 Jun 2020 18:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.7	8.5
122	10.1	8.3	12.5

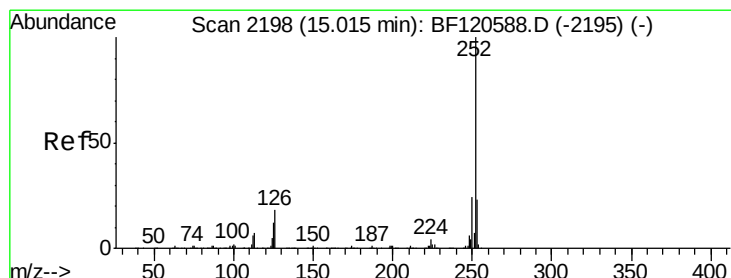
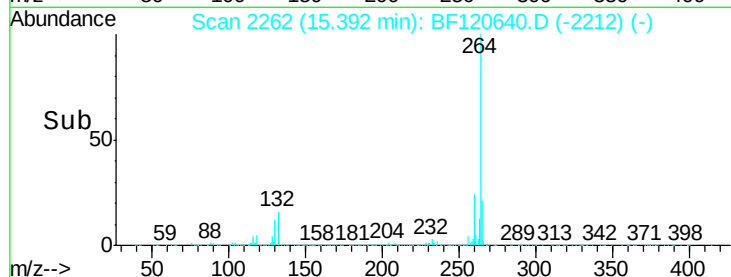
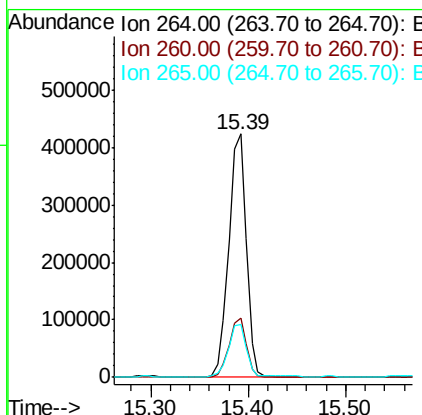
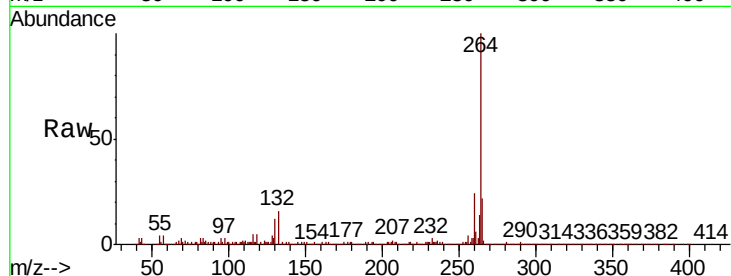




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF120640.D
Acq: 17 Jun 2020 18:51

Instrument :
BNA_F
ClientSampleId :
NB-08-061620

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.3	28.9
265	21.6	17.8	26.8



#89
Benzo(k)fluoranthene
Concen: 2.170 ng
RT: 14.97 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BF120640.D
Acq: 17 Jun 2020 18:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.1	18.0	27.0#
125	21.3	8.3	12.5#

