

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062620\
 Data File : BF120718.D
 Acq On : 26 Jun 2020 19:34
 Operator : JU/CG
 Sample : L2817-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-062420

Quant Time: Jun 27 00:47:21 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

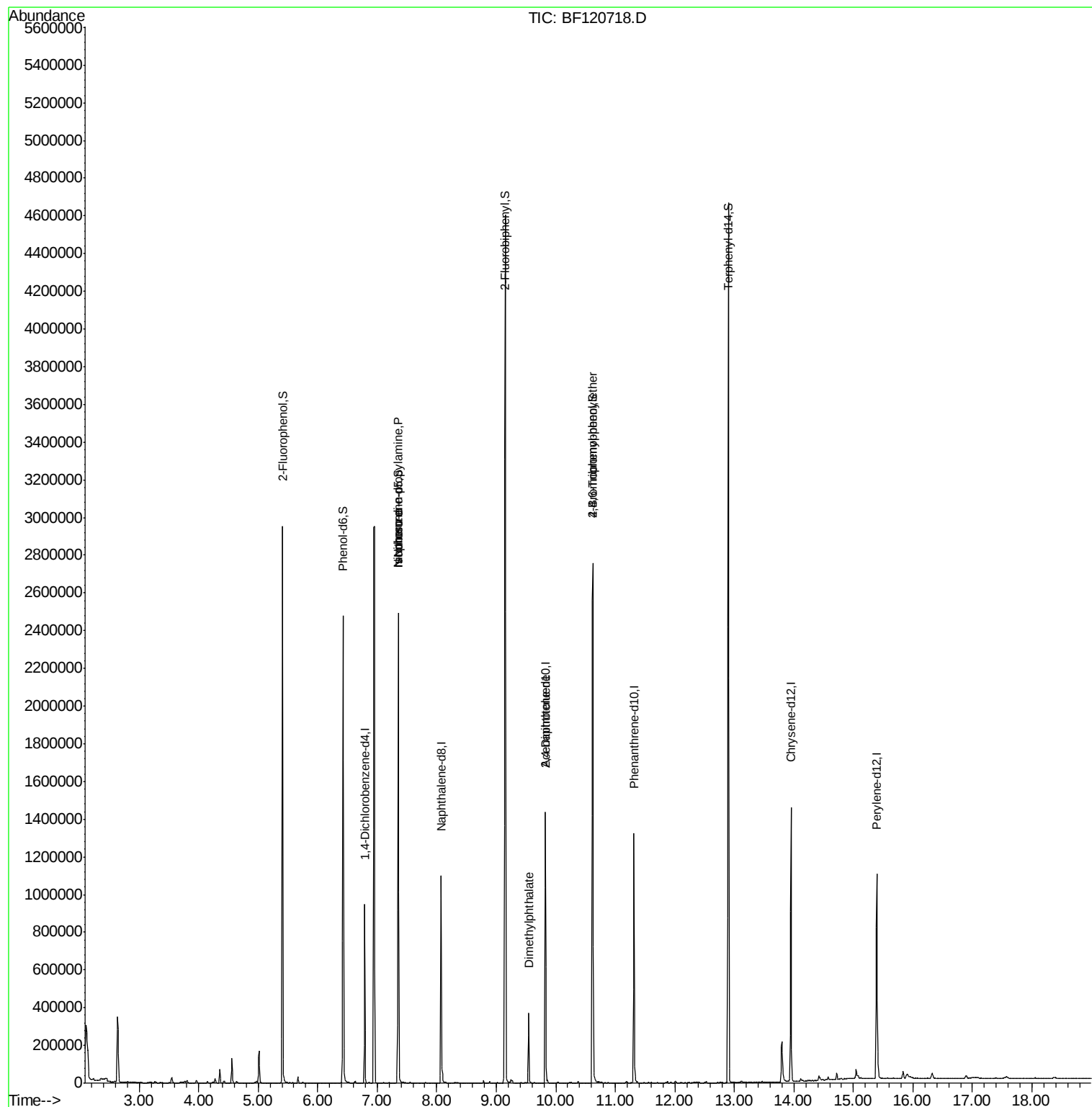
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	143967	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	544391	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	283789	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	564394	20.00	ng	0.00
76) Chrysene-d12	13.95	240	509420	20.00	ng	-0.01
86) Perylene-d12	15.39	264	522347	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	869241	103.51	ng	0.00
7) Phenol-d6	6.43	99	933607	89.27	ng	-0.01
23) Nitrobenzene-d5	7.36	82	815953	83.78	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	420791	127.53	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1552011	83.67	ng	-0.01
79) Terphenyl-d14	12.90	244	1973811	85.59	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	106506	17.556	ng	# 77
25) Isophorone	7.36	82	810709	42.733	ng	# 62
50) Dimethylphthalate	9.55	163	154578	7.563	ng	99
57) 2,4-Dinitrotoluene	9.83	165	35958	5.850	ng	# 29
67) 4-Bromophenyl-phenylether	10.62	248	24736	3.862	ng	# 1

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

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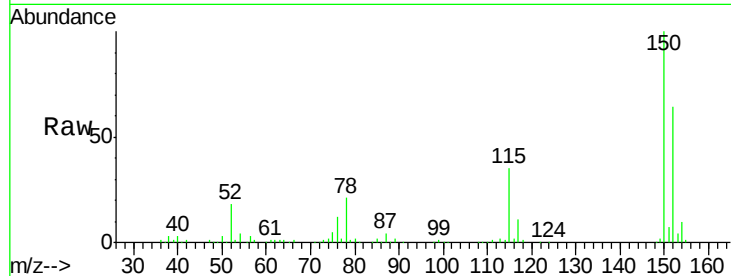




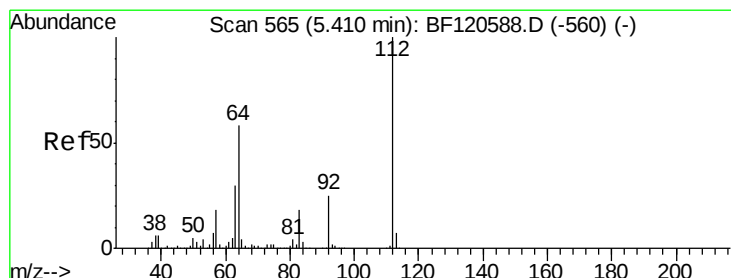
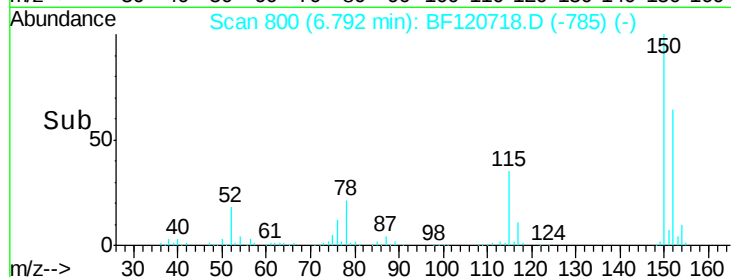
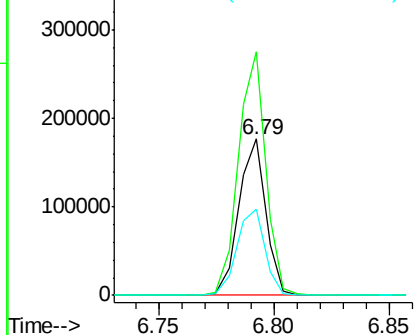
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF120718.D
 Acq: 26 Jun 2020 19:34

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-062420

Tot Ion:152 Resp: 143967
 Ion Ratio Lower Upper
 152 100
 150 156.1 123.2 184.8
 115 55.1 43.9 65.9

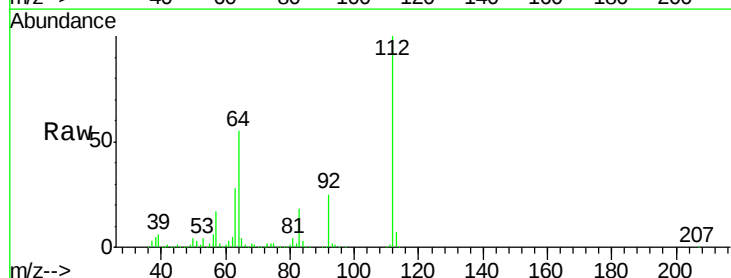


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

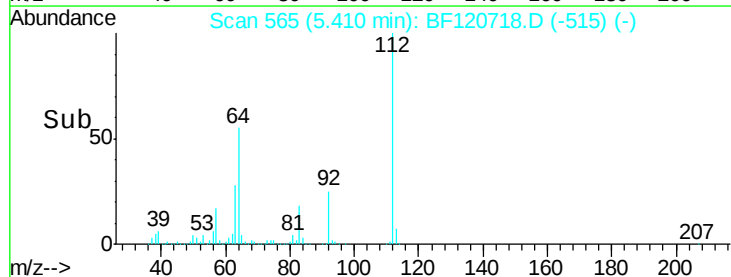
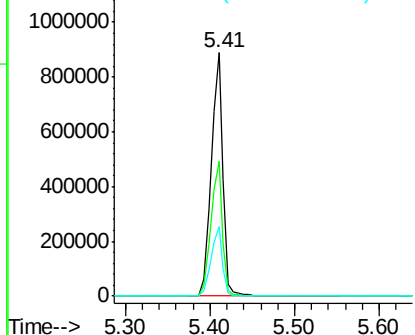


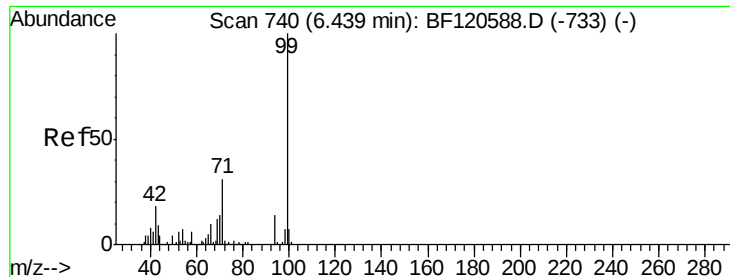
#5
 2-Fluorophenol
 Concen: 103.515 ng
 RT: 5.41 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BF120718.D
 Acq: 26 Jun 2020 19:34

Tgt Ion:112 Resp: 869241
 Ion Ratio Lower Upper
 112 100
 64 55.2 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: 89.266 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF120718.D

Acq: 26 Jun 2020 19:34

Instrument :

BNA_F

ClientSampleId :

SU-01-062420

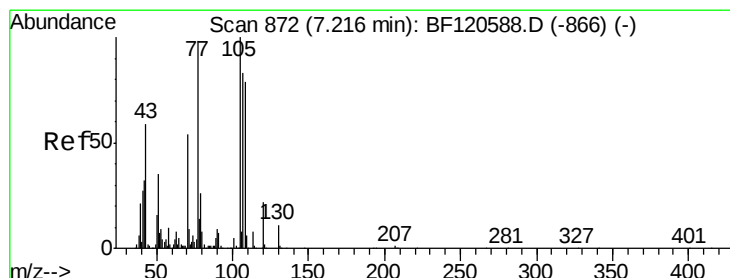
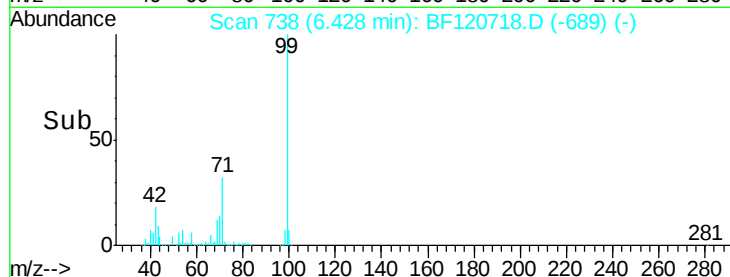
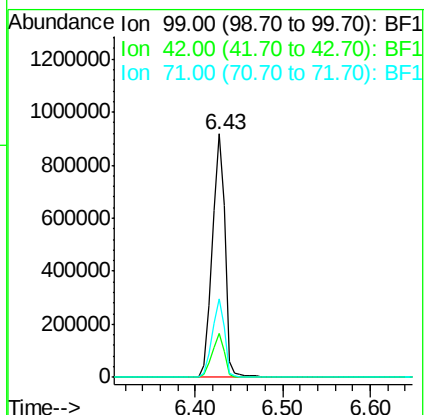
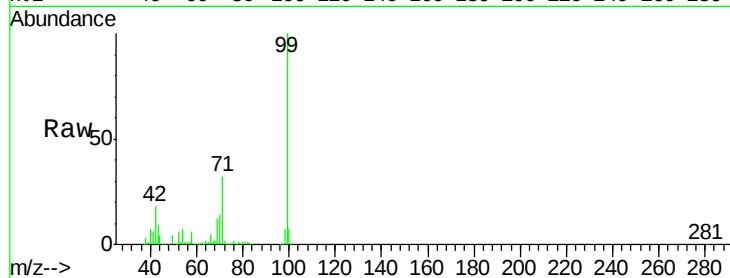
Tot Ion: 99 Resp: 933607

Ion Ratio Lower Upper

99 100

42 17.9 14.0 21.0

71 32.2 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 17.556 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF120718.D

Acq: 26 Jun 2020 19:34

Tgt Ion: 70 Resp: 106506

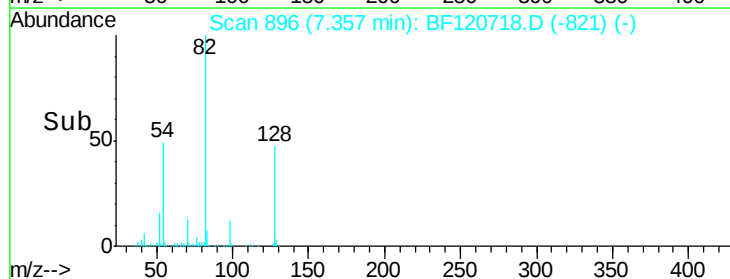
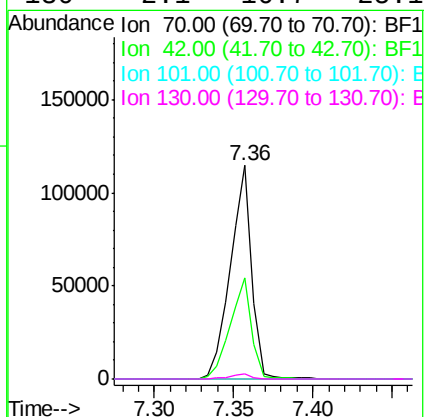
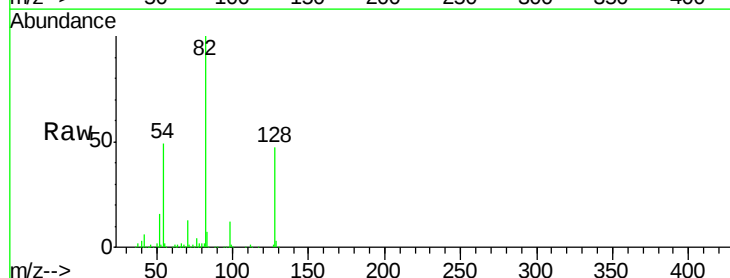
Ion Ratio Lower Upper

70 100

42 47.5 47.7 71.5#

101 0.0 7.6 11.4#

130 2.1 16.7 25.1#

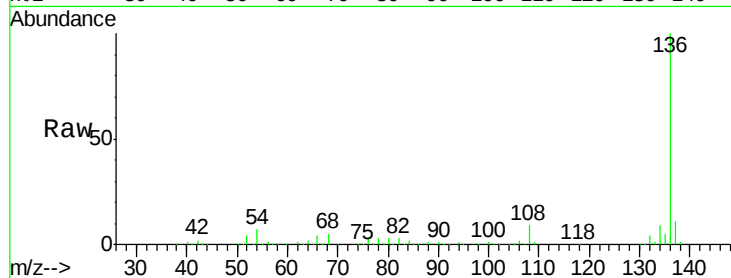




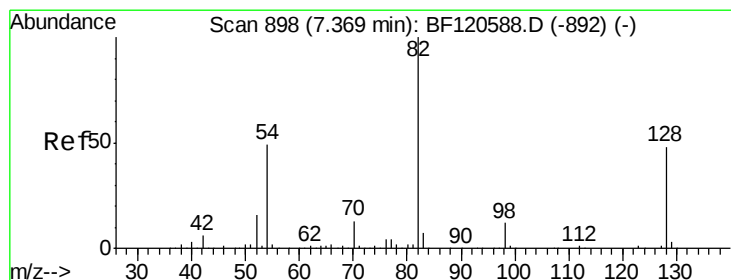
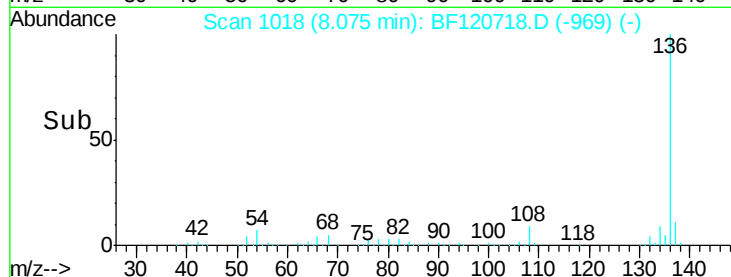
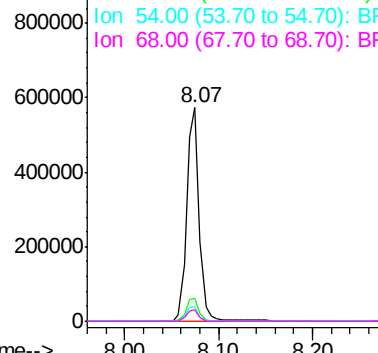
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF120718.D
Acq: 26 Jun 2020 19:34

Instrument :
BNA_F
ClientSampleId :
SU-01-062420

Tot Ion:136	Resp:	544391
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.6 13.0
54	6.8	5.8 8.6
68	5.2	4.4 6.6

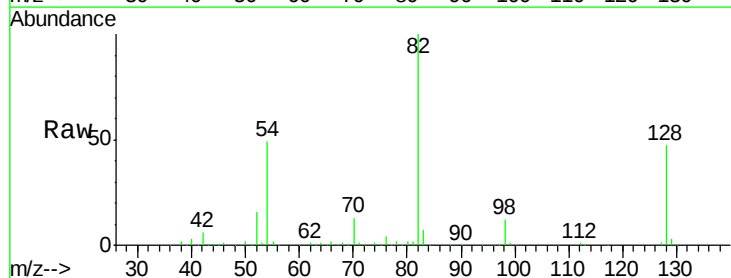


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

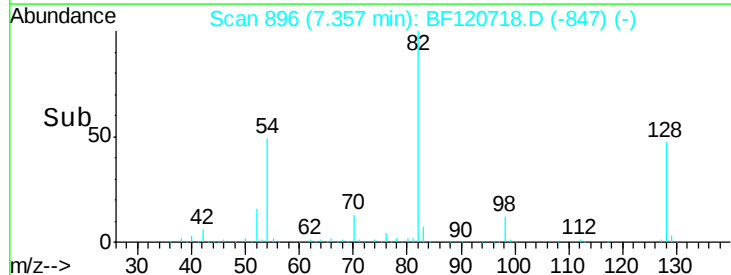
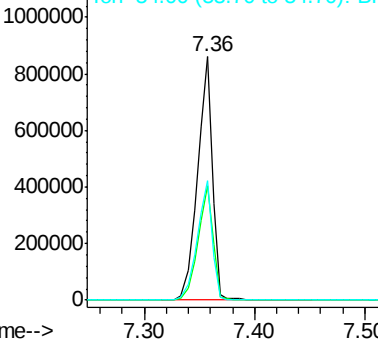


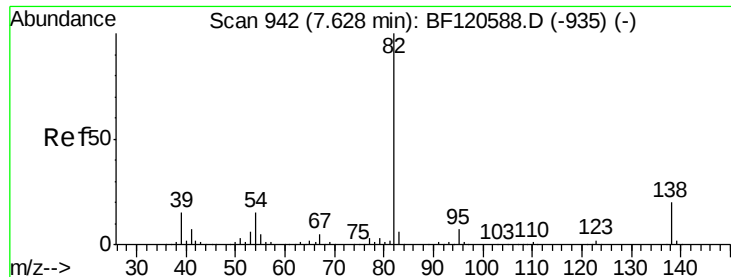
#23
Nitrobenzene-d5
Concen: 83.780 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF120718.D
Acq: 26 Jun 2020 19:34

Tgt Ion: 82	Resp:	815953
Ion	Ratio	Lower Upper
82	100	
128	47.2	38.0 57.0
54	49.2	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

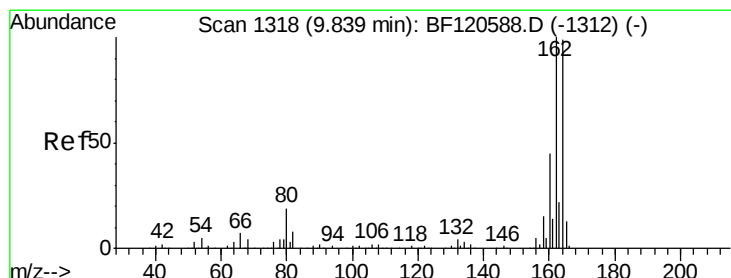
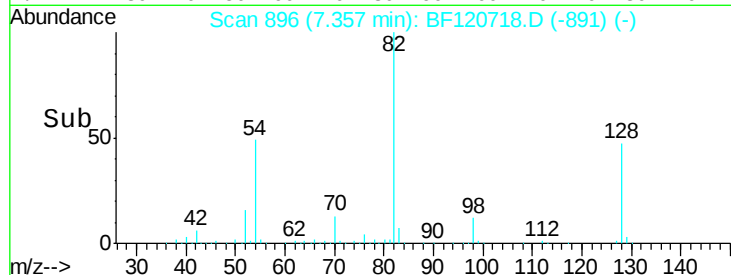
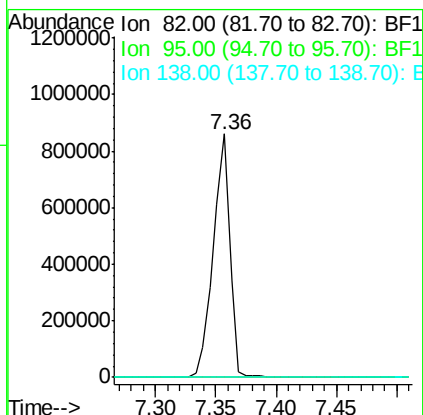
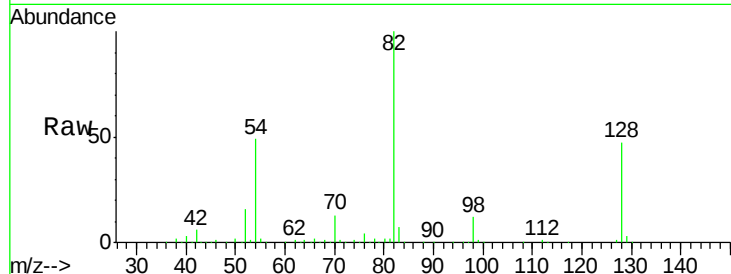




#25
Isophorone
Concen: 42.733 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.27 min
Lab File: BF120718.D
Acq: 26 Jun 2020 19:34

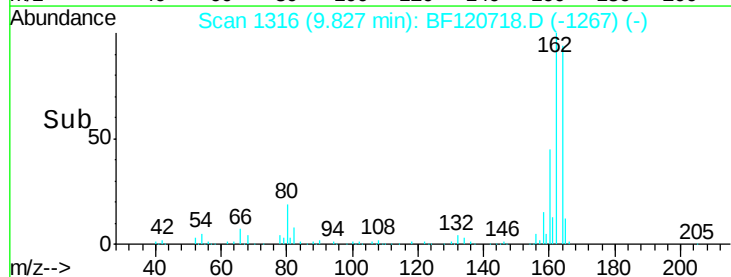
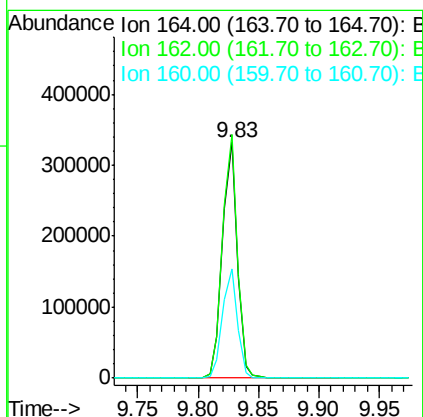
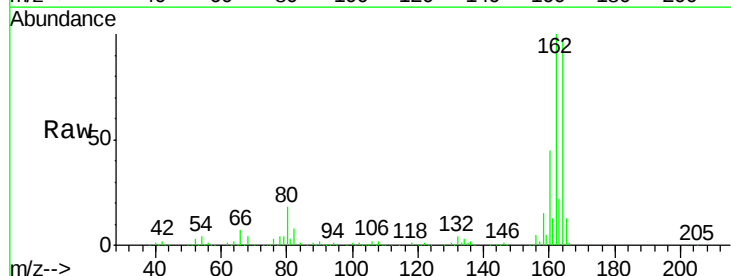
Instrument :
BNA_F
ClientSampleId :
SU-01-062420

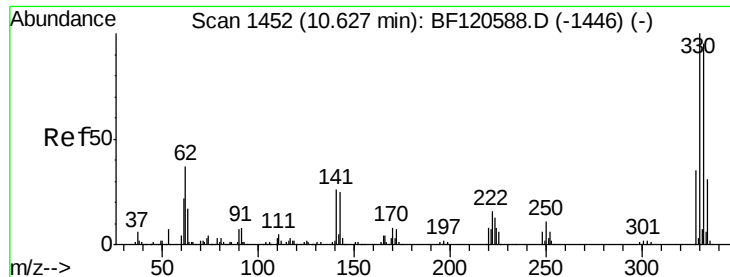
Tot Ion: 82 Resp: 810709
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 16.2 24.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF120718.D
Acq: 26 Jun 2020 19:34

Tgt Ion:164 Resp: 283789
Ion Ratio Lower Upper
164 100
162 103.2 80.6 120.8
160 46.5 36.2 54.2

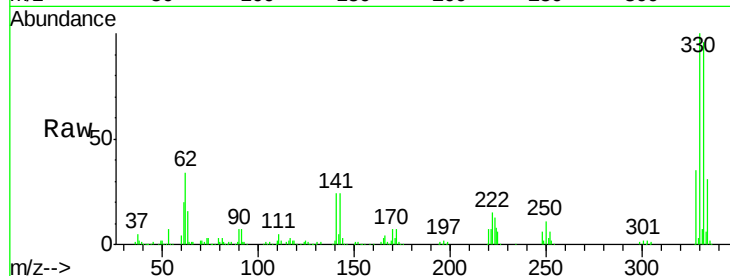




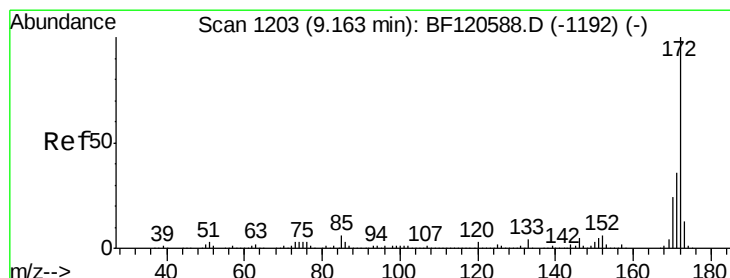
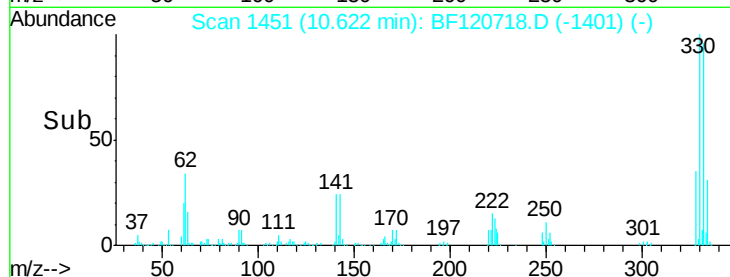
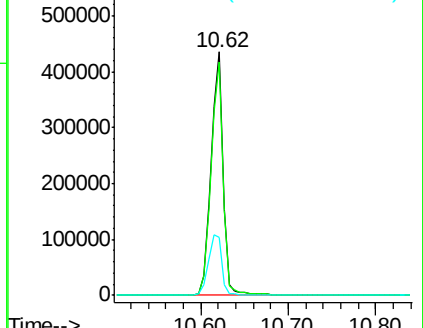
#42
 2,4,6-Tribromophenol
 Concen: 127.534 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF120718.D
 Acq: 26 Jun 2020 19:34

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-062420

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.8	115.2
141	28.0	23.2	34.8

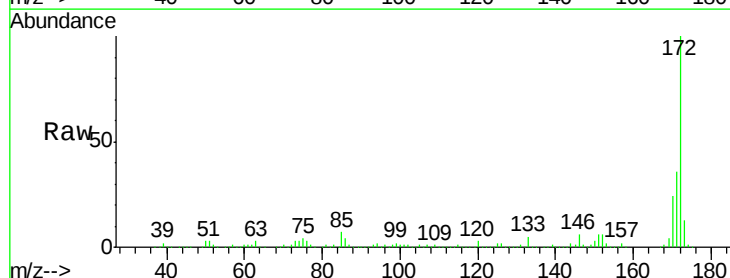


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

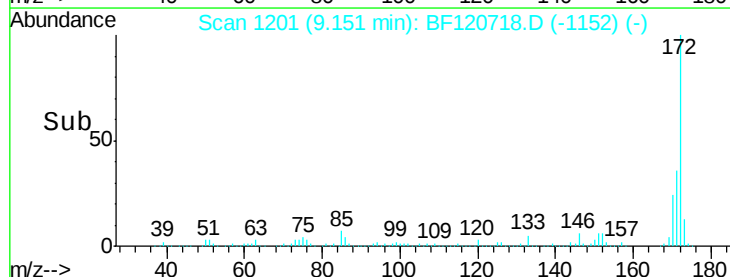
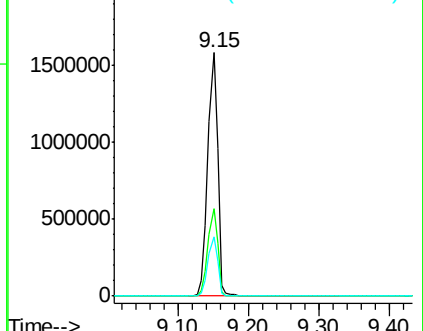


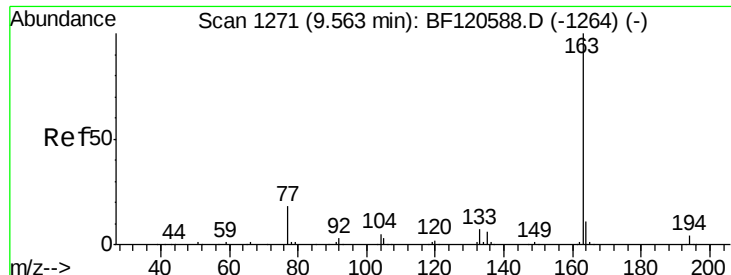
#45
 2-Fluorobiphenyl
 Concen: 83.673 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF120718.D
 Acq: 26 Jun 2020 19:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.4
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





#50

Dimethylphthalate

Concen: 7.563 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF120718.D

Acq: 26 Jun 2020 19:34

Instrument :

BNA_F

ClientSampleId :

SU-01-062420

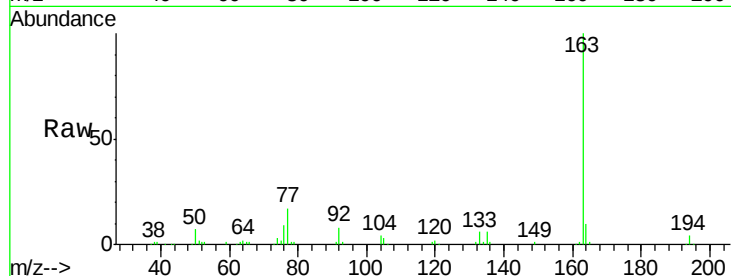
Tot Ion:163 Resp: 154578

Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

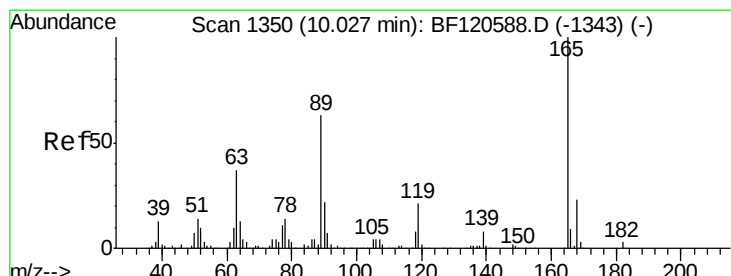
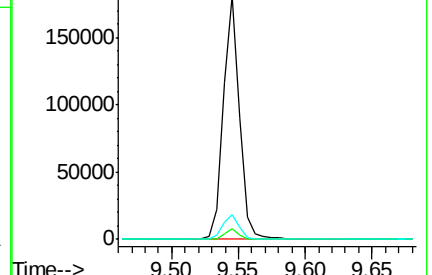
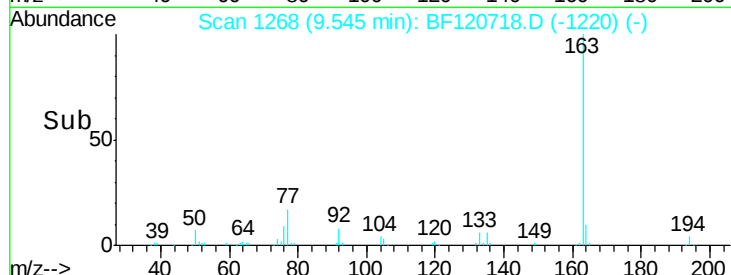
164 10.2 8.5 12.7



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



#57

2,4-Dinitrotoluene

Concen: 5.850 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.20 min

Lab File: BF120718.D

Acq: 26 Jun 2020 19:34

Tgt Ion:165 Resp: 35958

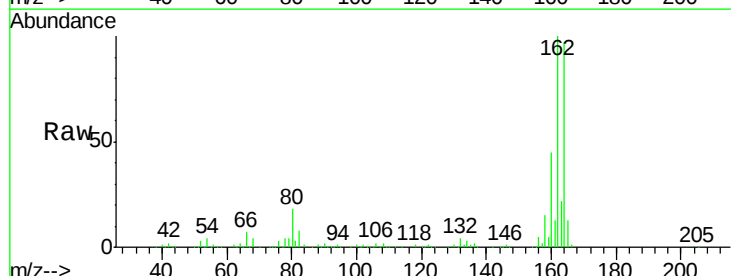
Ion Ratio Lower Upper

165 100

63 0.9 29.8 44.8#

89 1.2 50.4 75.6#

182 0.0 2.1 3.1#

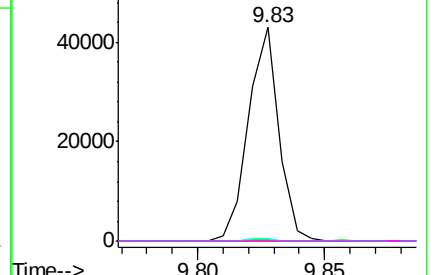
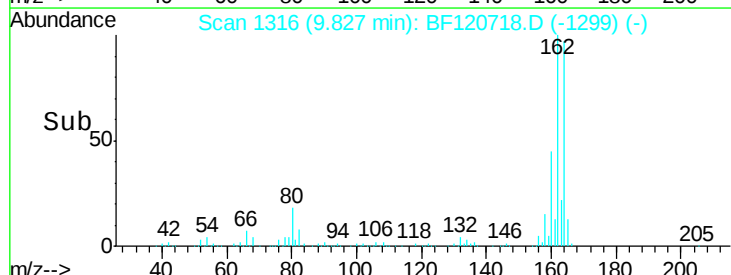


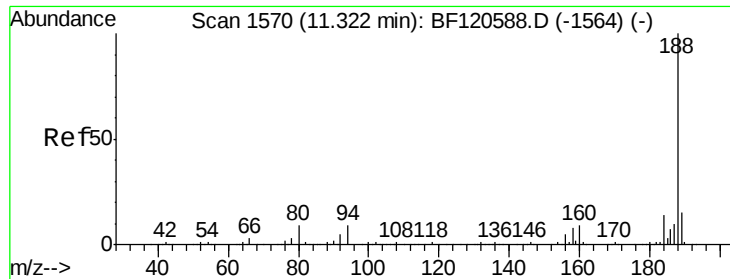
Abundance Ion 165.00 (164.70 to 165.70): E

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

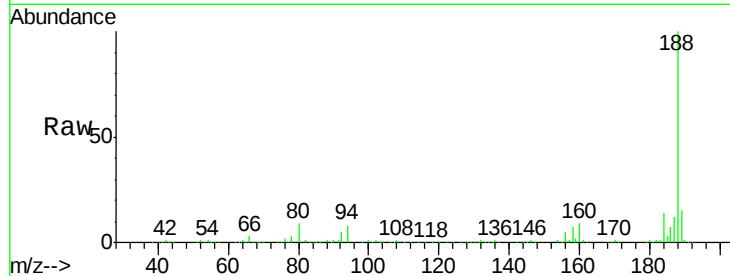




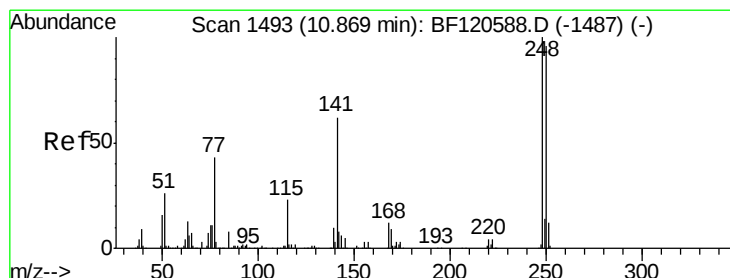
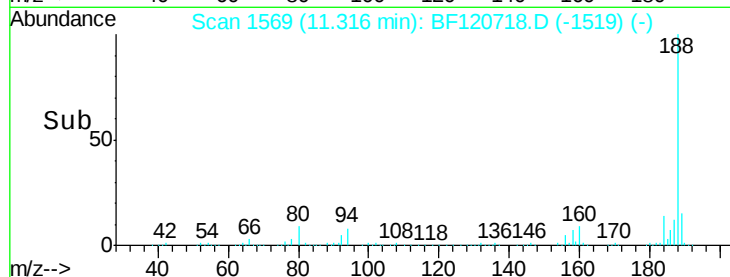
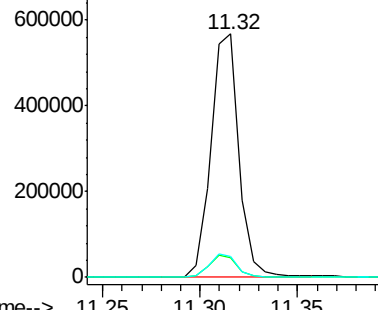
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF120718.D
 Acq: 26 Jun 2020 19:34

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-062420

Tot Ion:188 Resp: 564394
 Ion Ratio Lower Upper
 188 100
 94 8.1 7.2 10.8
 80 8.6 7.4 11.2

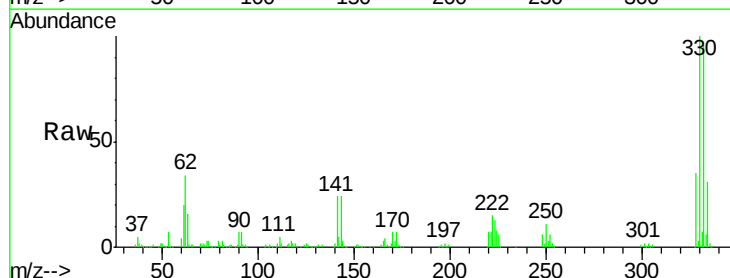


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

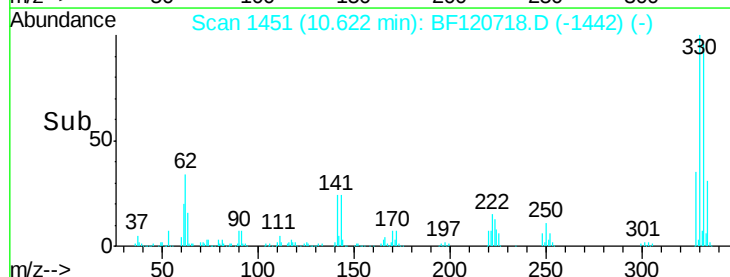
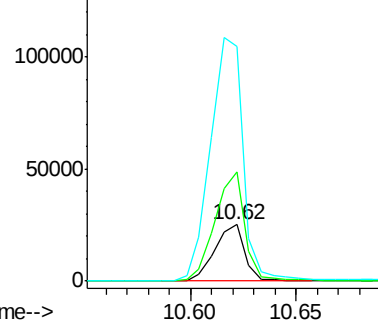


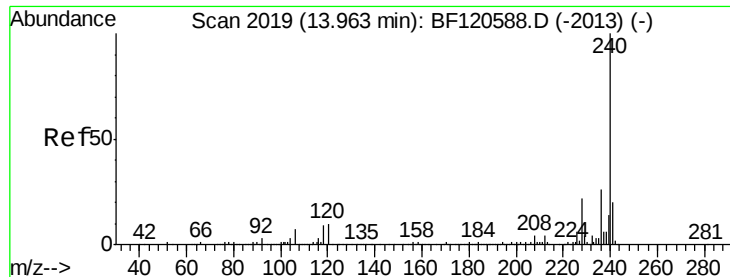
#67
 4-Bromophenyl-phenylether
 Concen: 3.862 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.25 min
 Lab File: BF120718.D
 Acq: 26 Jun 2020 19:34

Tgt Ion:248 Resp: 24736
 Ion Ratio Lower Upper
 248 100
 250 193.6 76.7 115.1#
 141 416.0 49.4 74.0#



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

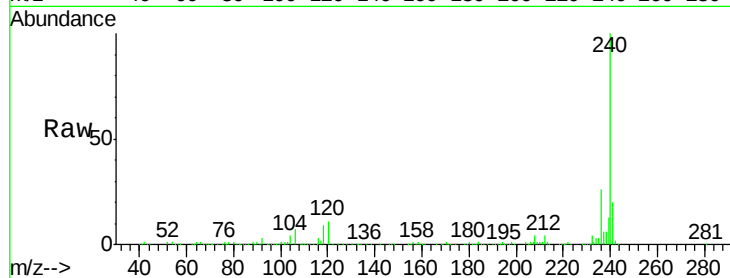




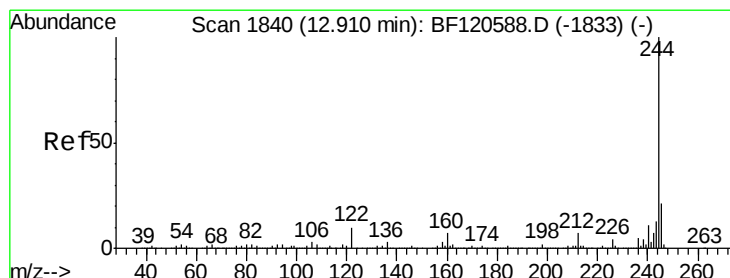
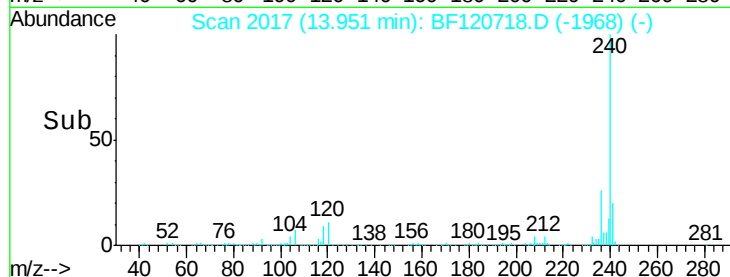
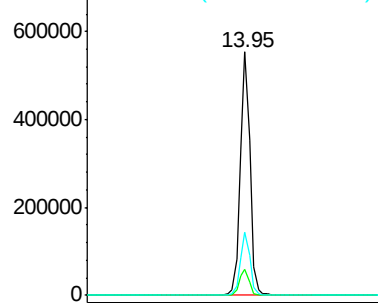
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF120718.D
 Acq: 26 Jun 2020 19:34

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-062420

Tot Ion:240 Resp: 509420
 Ion Ratio Lower Upper
 240 100
 120 10.6 8.3 12.5
 236 25.8 21.0 31.4

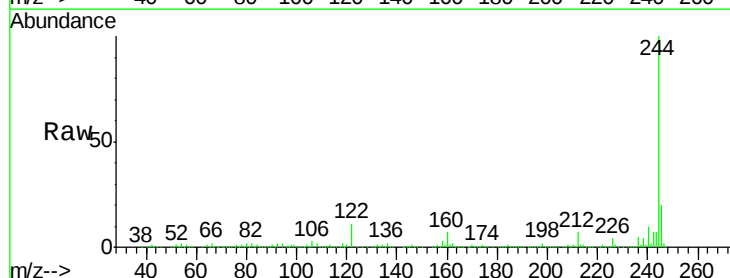


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

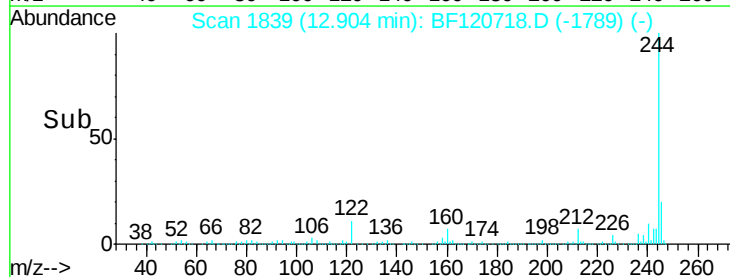
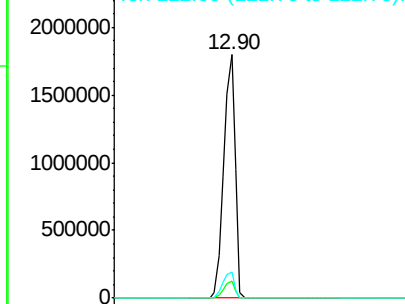


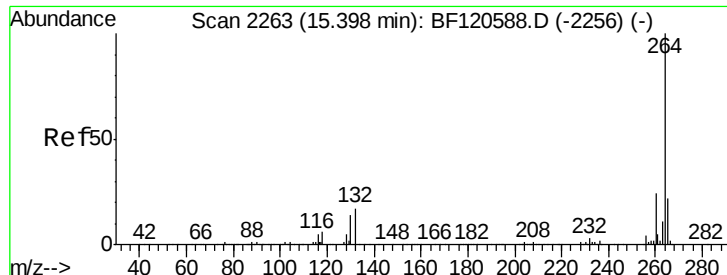
#79
 Terphenyl-d14
 Concen: 85.586 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF120718.D
 Acq: 26 Jun 2020 19:34

Tgt Ion:244 Resp: 1973811
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 10.6 8.3 12.5



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

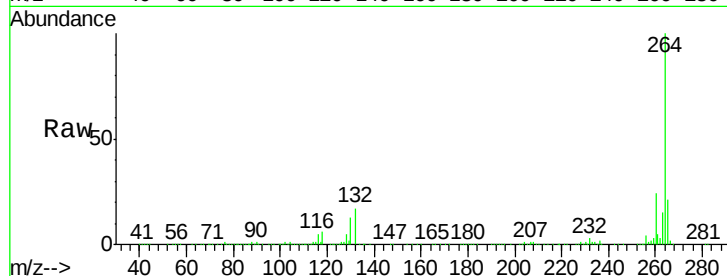




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF120718.D
Acq: 26 Jun 2020 19:34

Instrument :
BNA_F
ClientSampleId :
SU-01-062420

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	20.9	17.8	26.8



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

