

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
 Data File : BF120302.D
 Acq On : 14 May 2020 20:33
 Operator : MA/SJ
 Sample : L2635-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 15 02:37:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 12:47:38 2020
 Response via : Initial Calibration

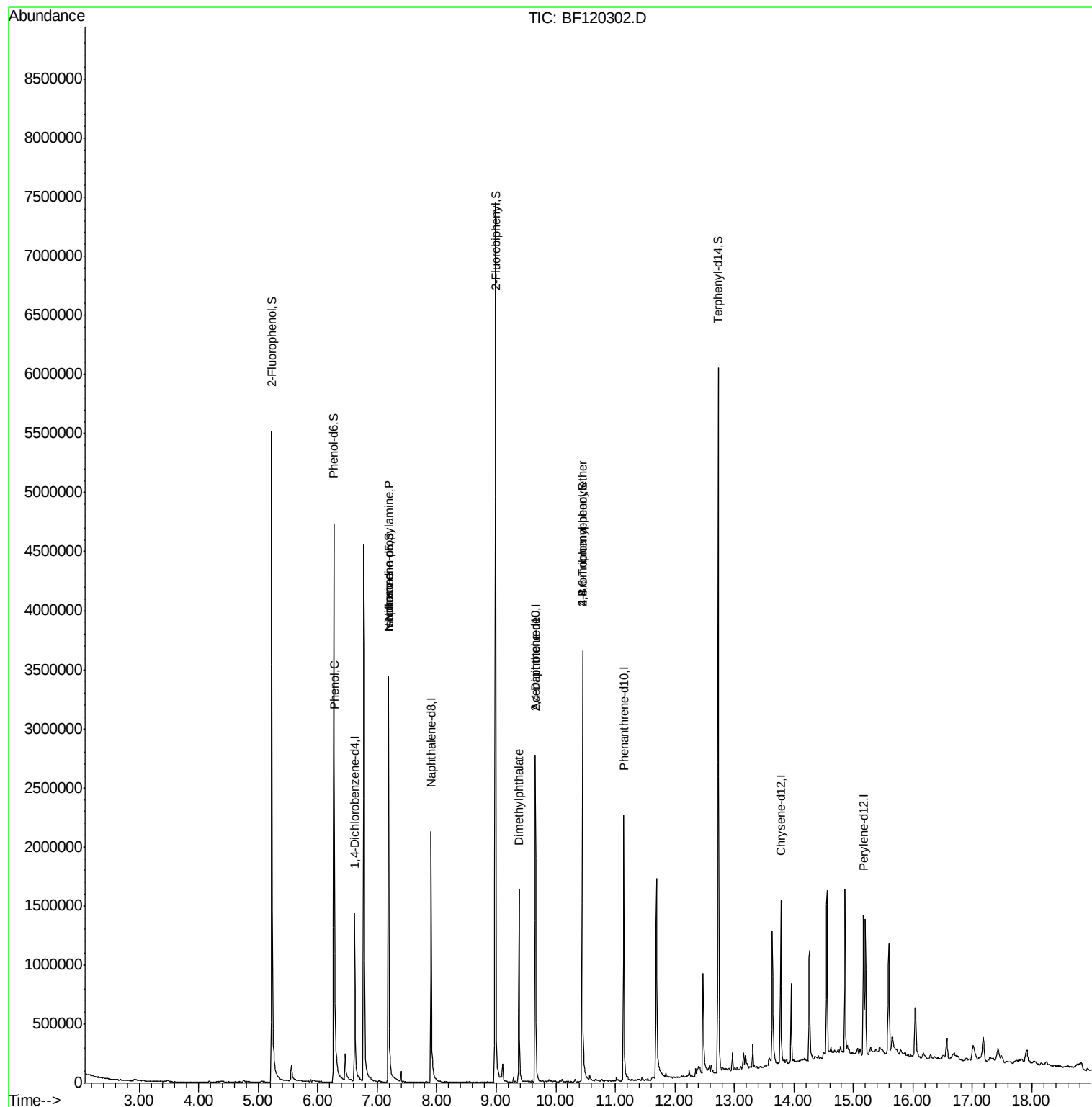
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	280835	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1167022	20.00	ng	0.00
39) Acenaphthene-d10	9.66	164	575738	20.00	ng	0.00
64) Phenanthrene-d10	11.14	188	961172	20.00	ng	0.00
76) Chrysene-d12	13.78	240	560757	20.00	ng	0.00
87) Perylene-d12	15.17	264	571240	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1802486	124.88	ng	0.00
7) Phenol-d6	6.27	99	2121404	116.22	ng	0.00
23) Nitrobenzene-d5	7.19	82	1353860	79.43	ng	0.00
42) 2,4,6-Tribromophenol	10.45	330	528156	112.51	ng	0.00
45) 2-Fluorobiphenyl	8.99	172	2552264	91.08	ng	0.00
79) Terphenyl-d14	12.73	244	2370382	93.39	ng	0.00
Target Compounds						
10) Phenol	6.29	94	47139	2.212	ng	89
19) n-Nitroso-di-n-propylamine	7.19	70	169715	14.193	ng	# 79
25) Isophorone	7.19	82	1353851	38.174	ng	# 65
50) Dimethylphthalate	9.39	163	744893	20.467	ng	98
57) 2,4-Dinitrotoluene	9.66	165	75466	7.920	ng	# 16
67) 4-Bromophenyl-phenylether	10.45	248	32502	3.485	ng	# 1

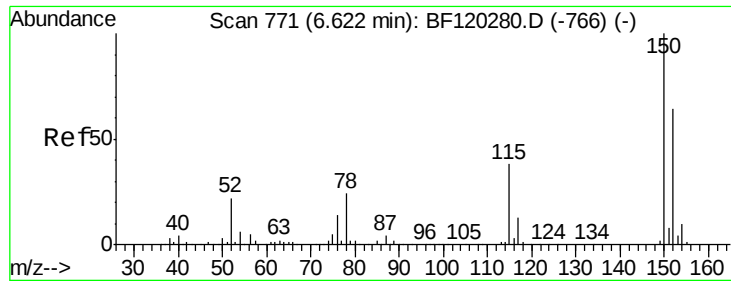
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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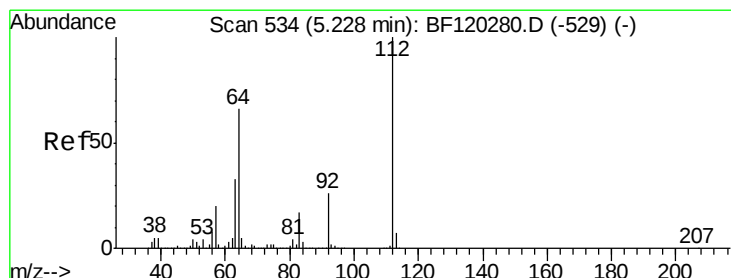
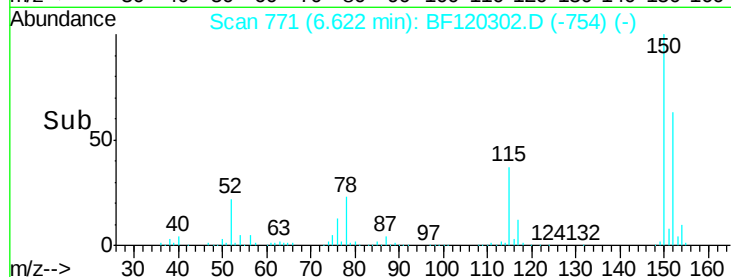
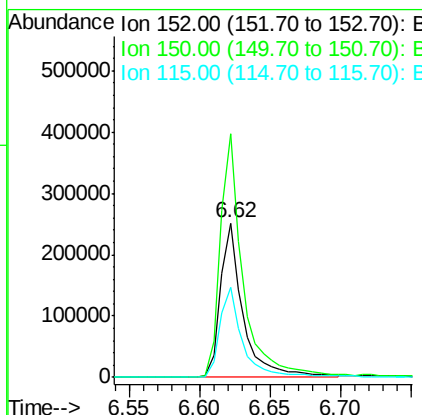
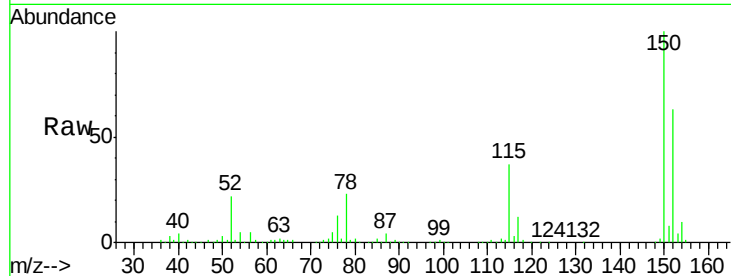




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.62 min Scan# 771
 Delta R.T. 0.00 min
 Lab File: BF120302.D
 Acq: 14 May 2020 20:33

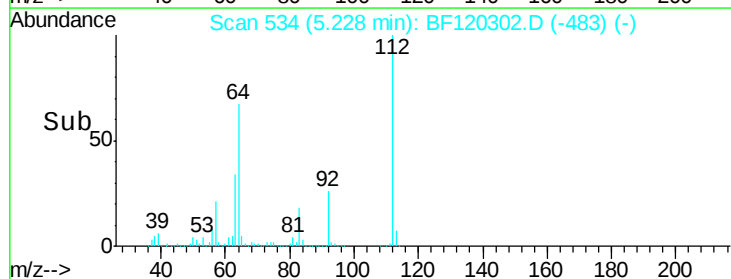
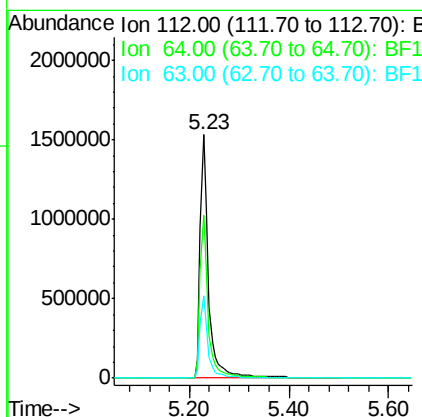
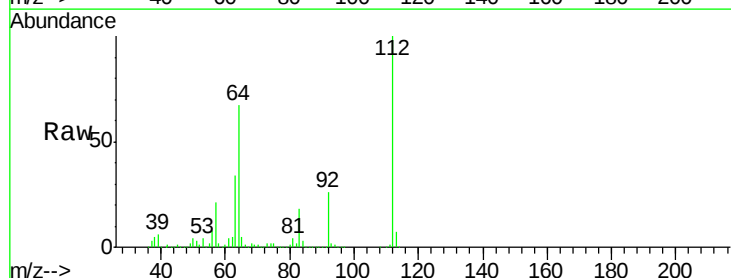
Instrument :
 BNA_F
 ClientSampled :

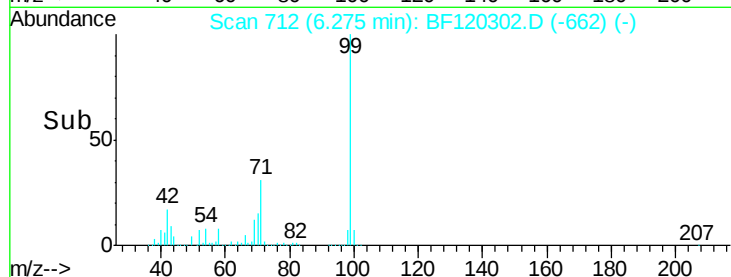
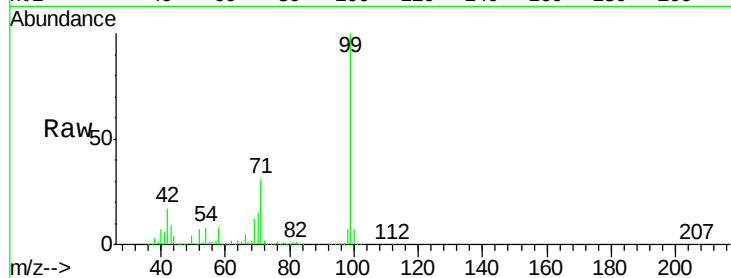
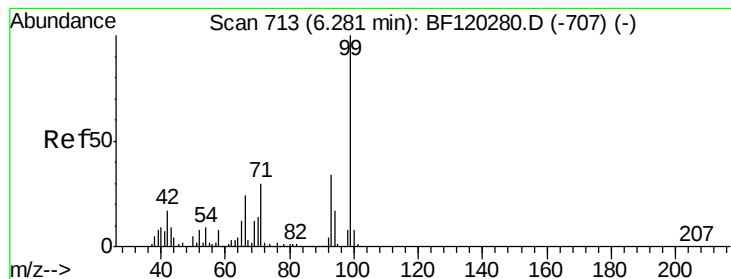
Tot Ion:152 Resp: 280835
 Ion Ratio Lower Upper
 152 100
 150 157.8 126.2 189.2
 115 58.0 47.9 71.9



#5
 2-Fluorophenol
 Concen: 124.881 ng
 RT: 5.23 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: BF120302.D
 Acq: 14 May 2020 20:33

Tgt Ion:112 Resp: 1802486
 Ion Ratio Lower Upper
 112 100
 64 67.2 52.7 79.1
 63 34.0 26.2 39.4





#7

Phenol-d6

Concen: 116.225 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF120302.D

Acq: 14 May 2020 20:33

Instrument :

BNA_F

ClientSampleId :

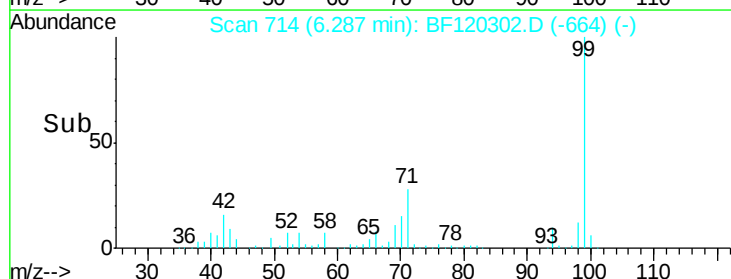
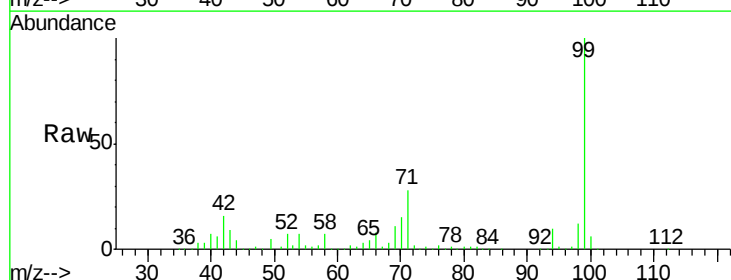
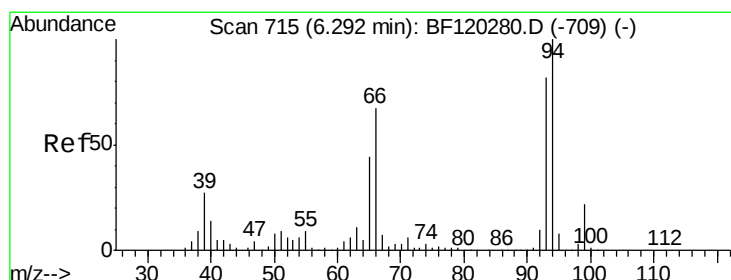
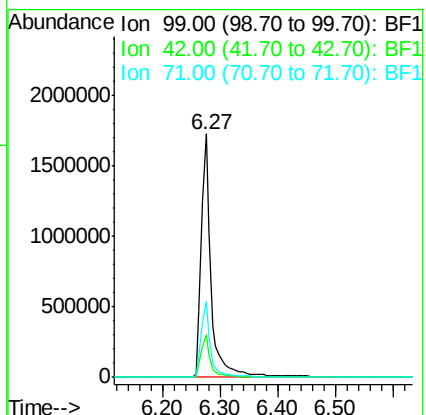
Tot Ion: 99 Resp: 2121404

Ion Ratio Lower Upper

99 100

42 17.3 13.6 20.4

71 31.1 24.2 36.4



#10

Phenol

Concen: 2.212 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF120302.D

Acq: 14 May 2020 20:33

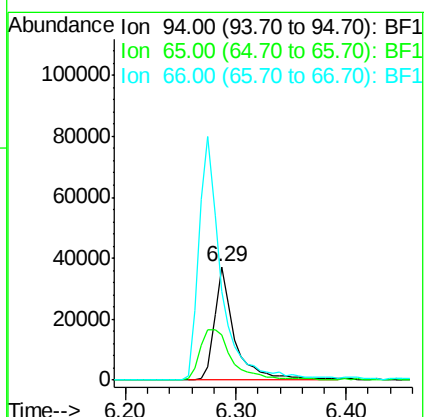
Tgt Ion: 94 Resp: 47139

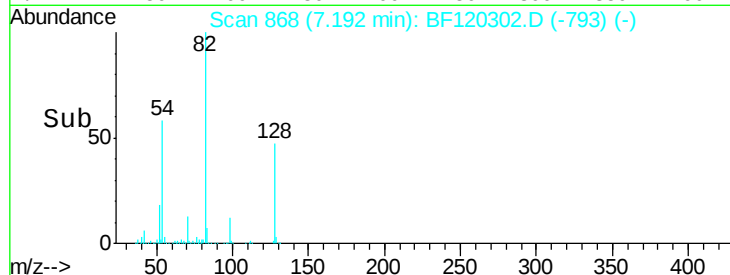
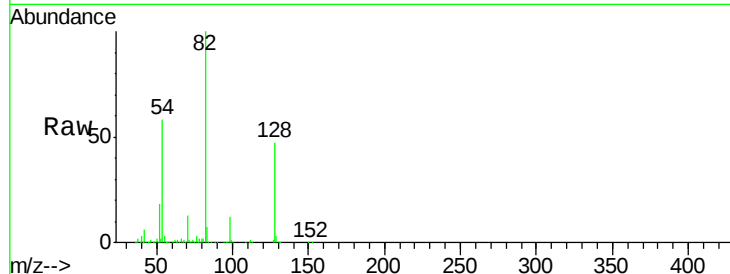
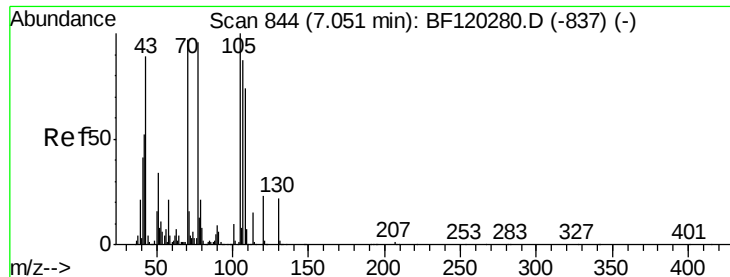
Ion Ratio Lower Upper

94 100

65 39.8 24.1 64.1

66 78.7 47.5 87.5

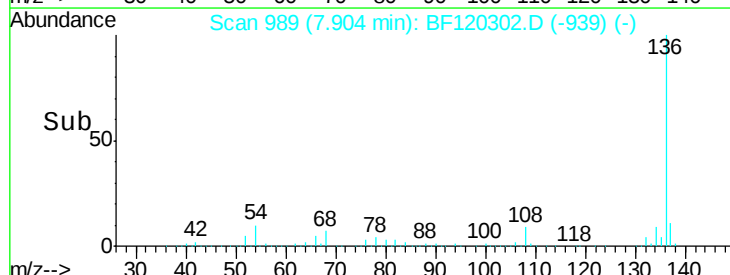
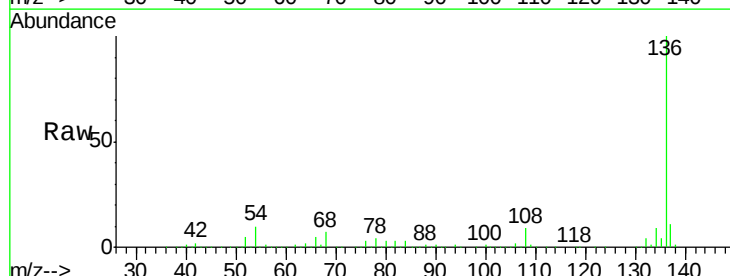
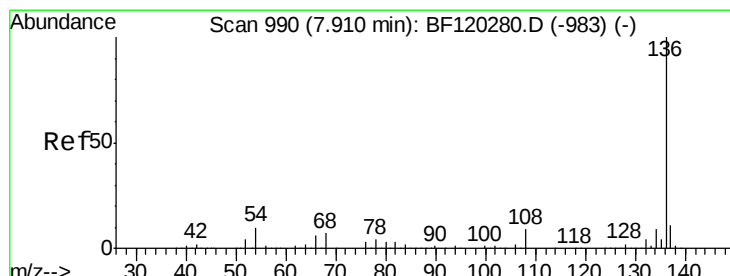
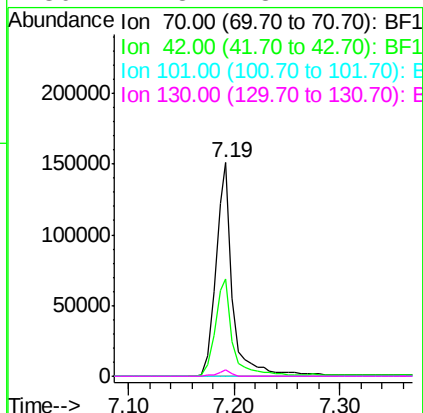




#19
n-Nitroso-di-n-propylamine
Concen: 14.193 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.14 min
Lab File: BF120302.D
Acq: 14 May 2020 20:33

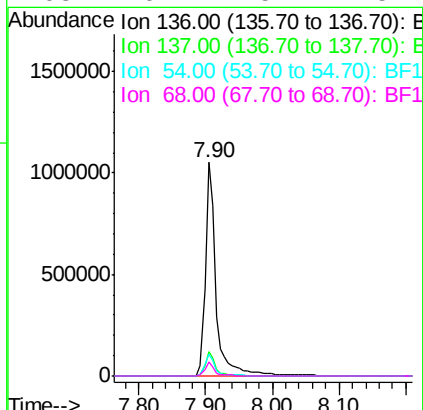
Instrument :
BNA_F
ClientSampleId :

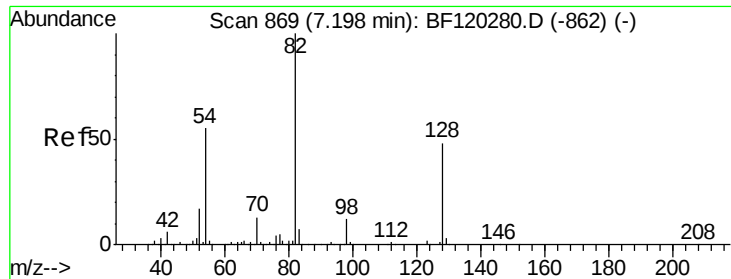
Tot Ion:	70	Resp:	169715
Ion	Ratio	Lower	Upper
70	100		
42	45.7	43.4	65.0
101	0.0	7.8	11.8#
130	2.8	18.2	27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF120302.D
Acq: 14 May 2020 20:33

Tgt Ion:	136	Resp:	1167022
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	10.3	7.9	11.9
68	6.7	5.4	8.2

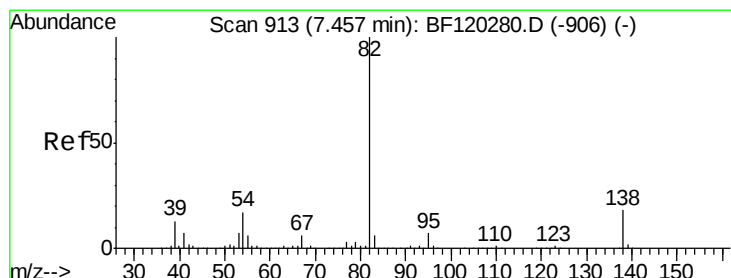
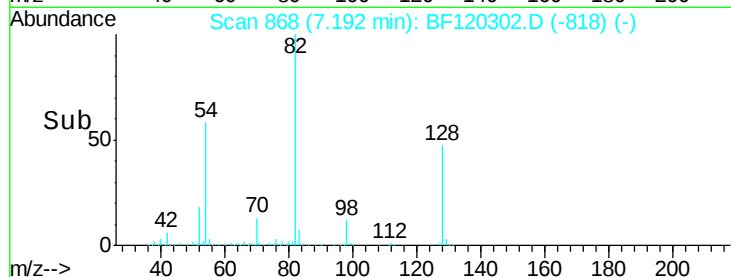
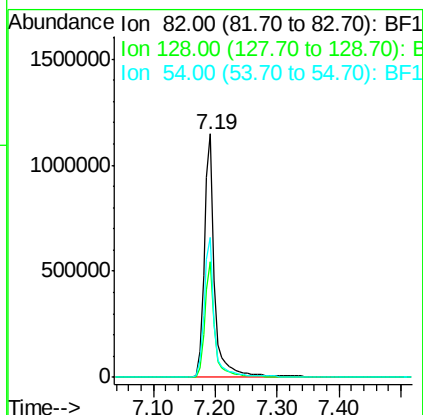
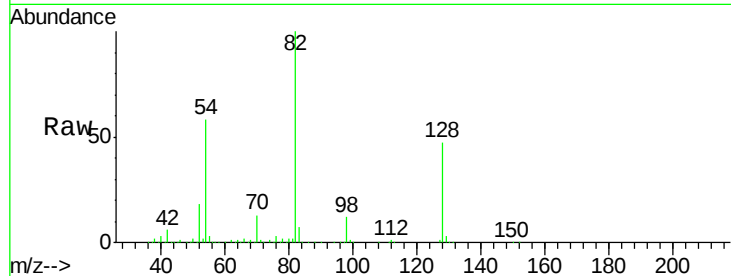




#23
Nitrobenzene-d5
Concen: 79.428 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF120302.D
Acq: 14 May 2020 20:33

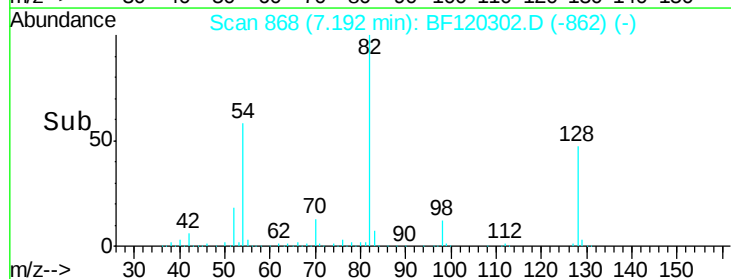
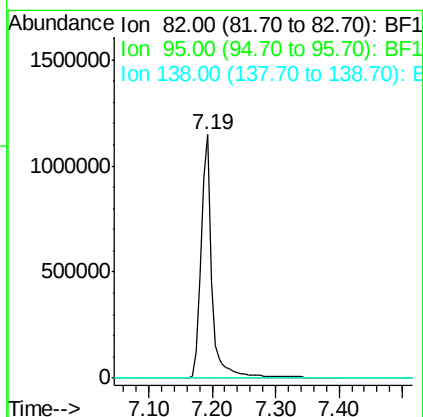
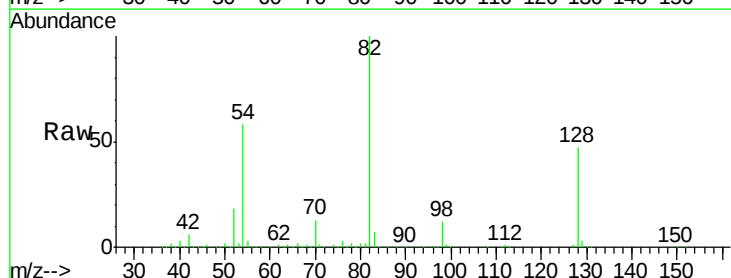
Instrument :
BNA_F
ClientSampleId :

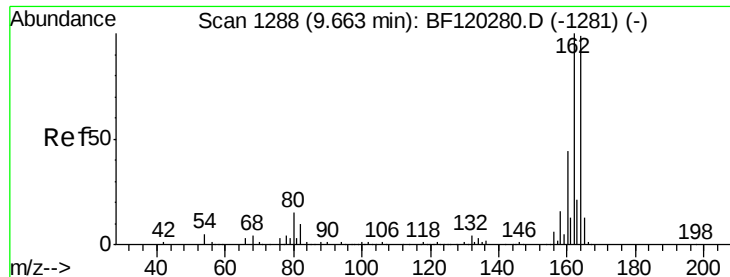
Tot Ion: 82 Resp: 1353860
Ion Ratio Lower Upper
82 100
128 47.5 38.3 57.5
54 57.6 43.9 65.9



#25
Isophorone
Concen: 38.174 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.26 min
Lab File: BF120302.D
Acq: 14 May 2020 20:33

Tgt Ion: 82 Resp: 1353851
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 14.7 22.1#

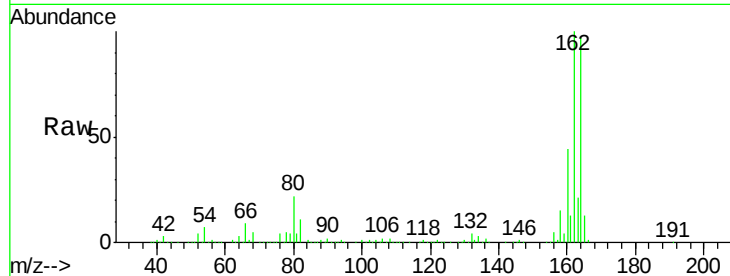




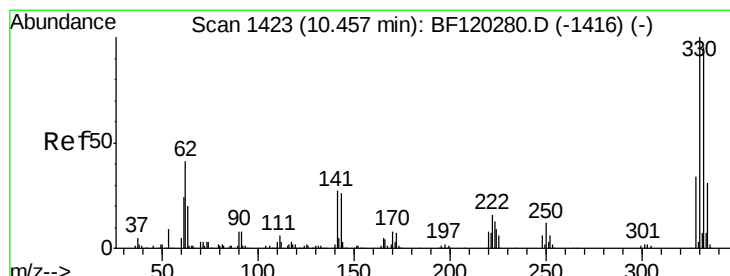
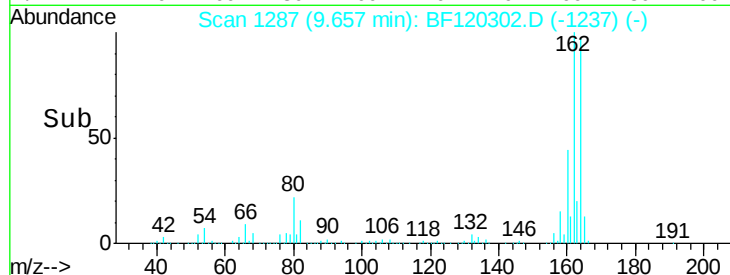
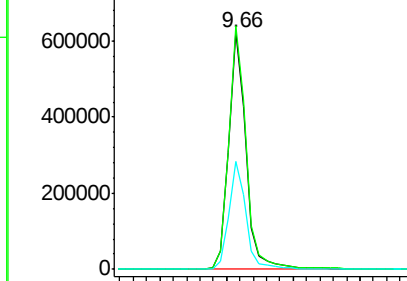
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF120302.D
Acq: 14 May 2020 20:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.2	121.8
160	45.8	35.8	53.6

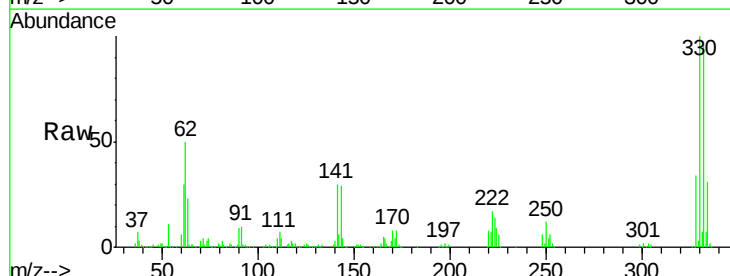


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

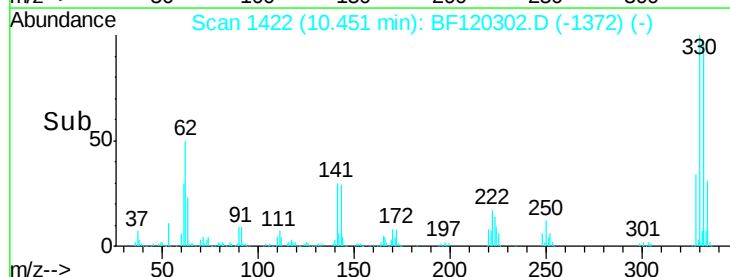
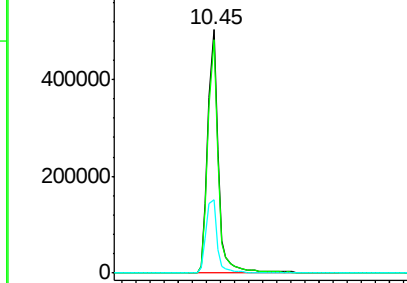


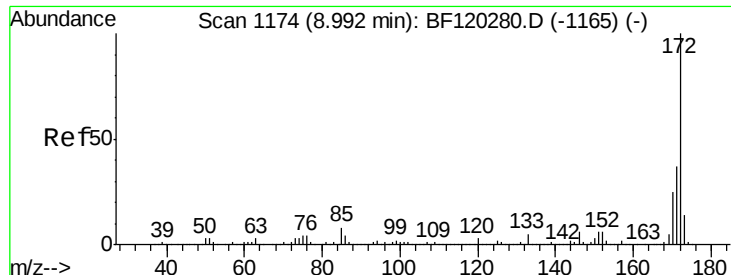
#42
2,4,6-Tribromophenol
Concen: 112.511 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF120302.D
Acq: 14 May 2020 20:33

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.5	114.7
141	32.4	25.4	38.0



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



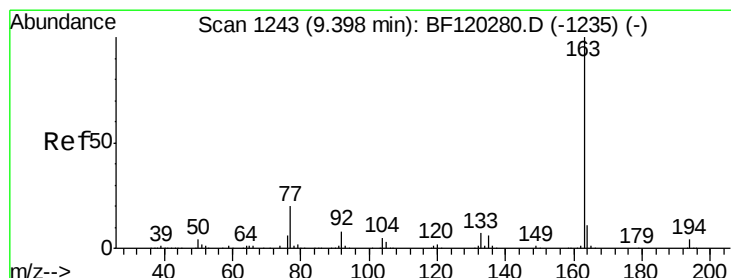
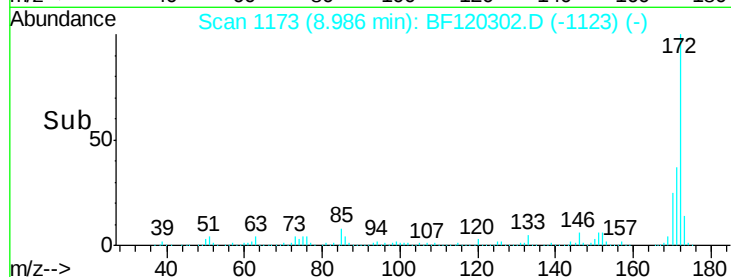
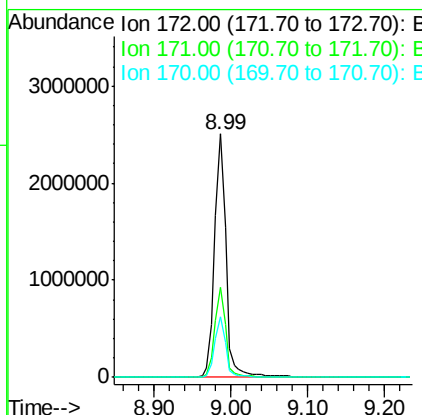
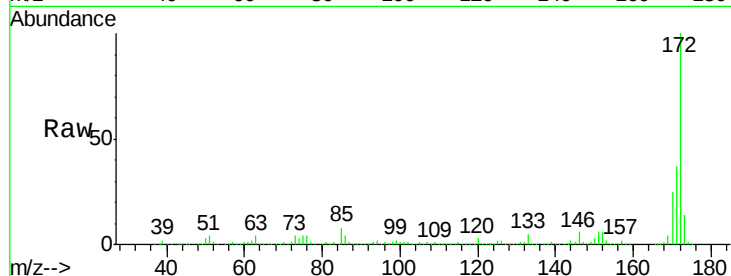


#45
 2-Fluorobiphenyl
 Concen: 91.075 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF120302.D
 Acq: 14 May 2020 20:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2552264

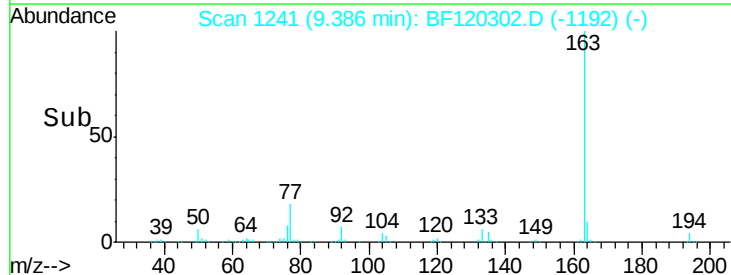
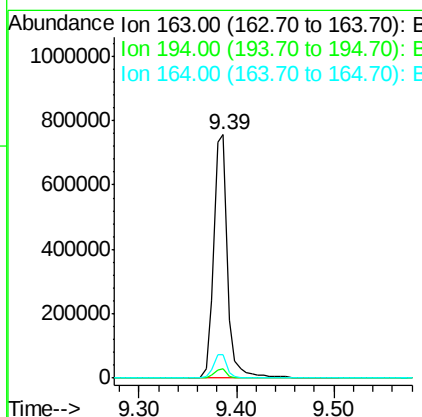
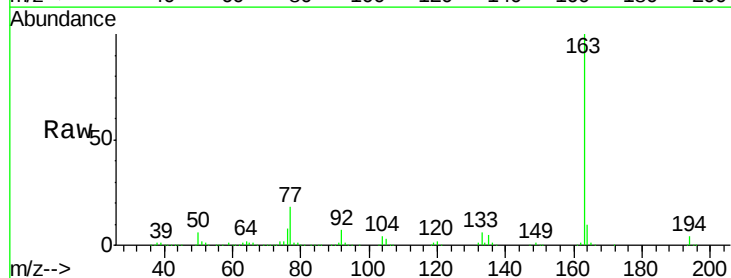
Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.7	19.9	29.9

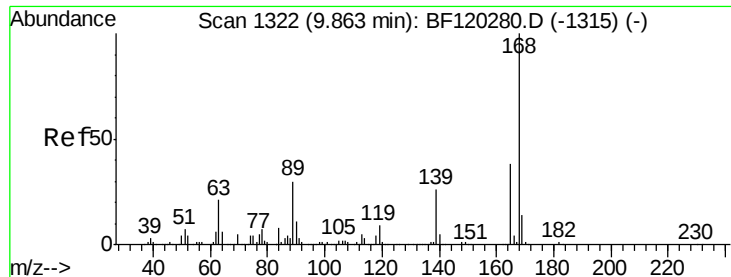


#50
 Dimethylphthalate
 Concen: 20.467 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: BF120302.D
 Acq: 14 May 2020 20:33

Tgt Ion:163 Resp: 744893

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	9.7	8.6	12.8

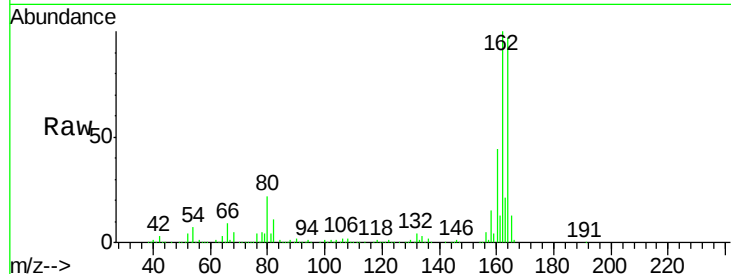




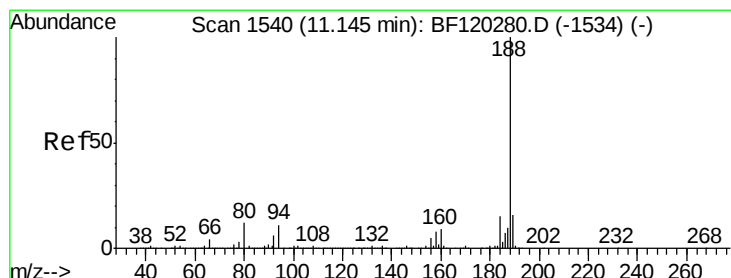
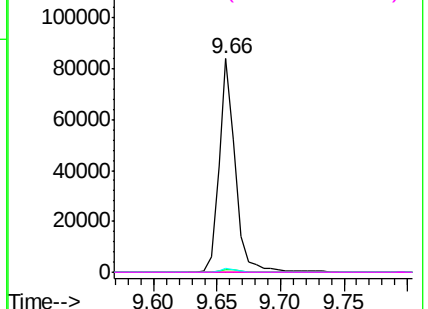
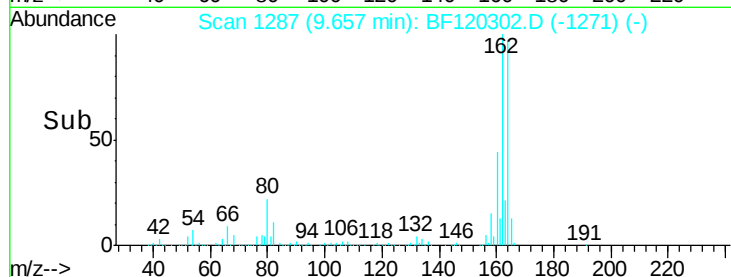
#57
 2,4-Dinitrotoluene
 Concen: 7.920 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.21 min
 Lab File: BF120302.D
 Acq: 14 May 2020 20:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 75466
 Ion Ratio Lower Upper
 165 100
 63 1.1 51.8 77.8#
 89 1.6 64.2 96.4#
 182 0.0 2.0 3.0#

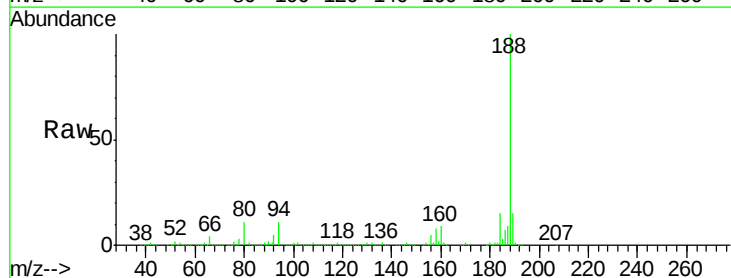


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

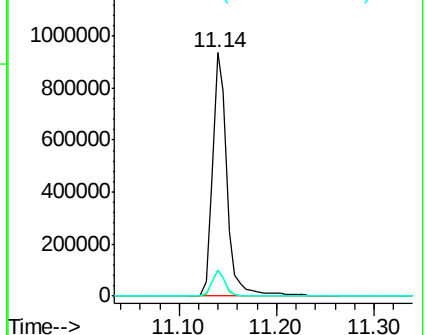
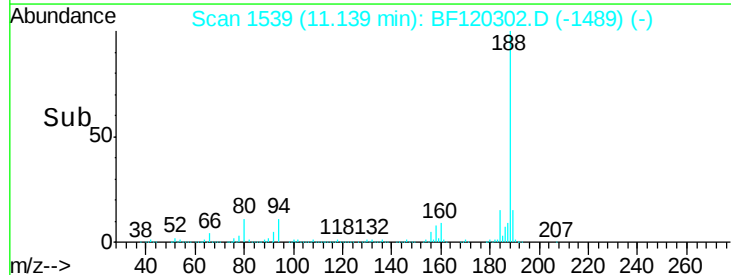


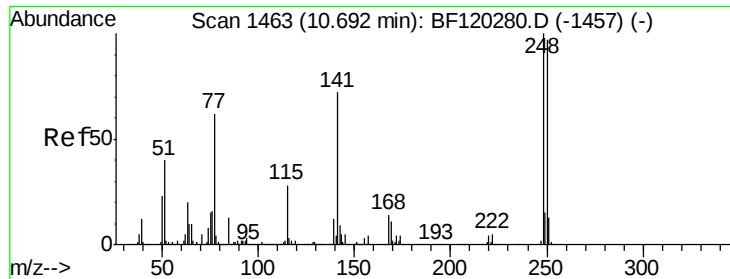
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. -0.01 min
 Lab File: BF120302.D
 Acq: 14 May 2020 20:33

Tgt Ion:188 Resp: 961172
 Ion Ratio Lower Upper
 188 100
 94 10.8 8.6 13.0
 80 10.6 9.2 13.8



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

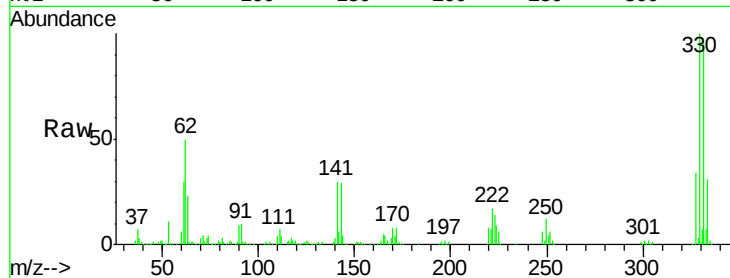




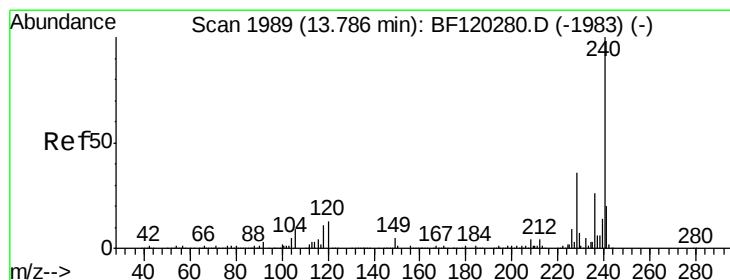
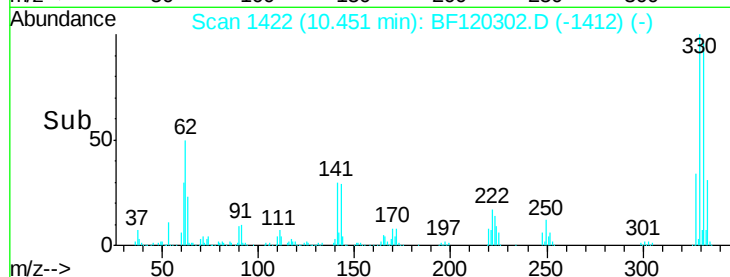
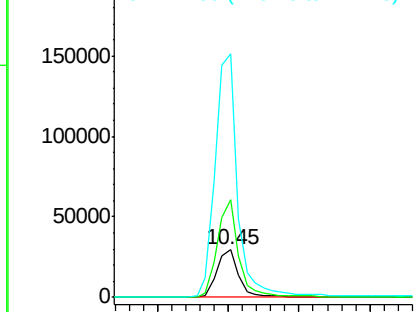
#67
 4-Bromophenyl-phenylether
 Concen: 3.485 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.24 min
 Lab File: BF120302.D
 Acq: 14 May 2020 20:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	204.6	77.8	116.6#
141	511.2	57.7	86.5#

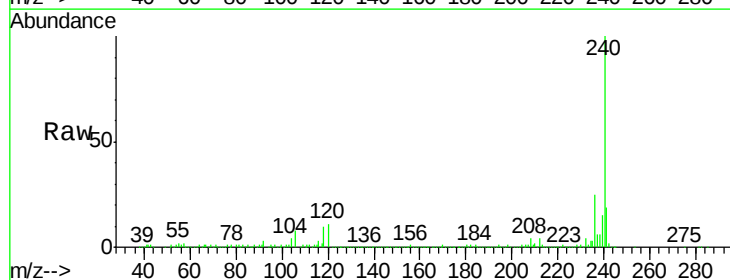


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

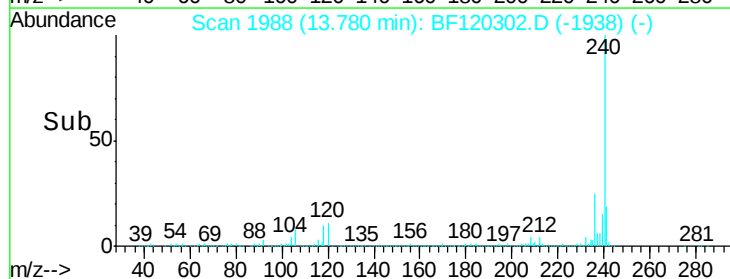
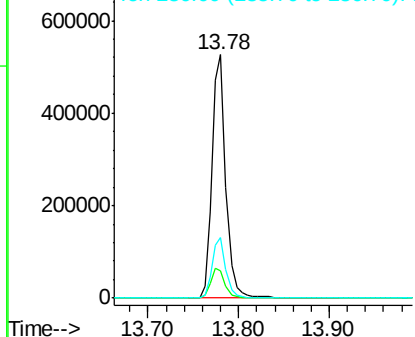


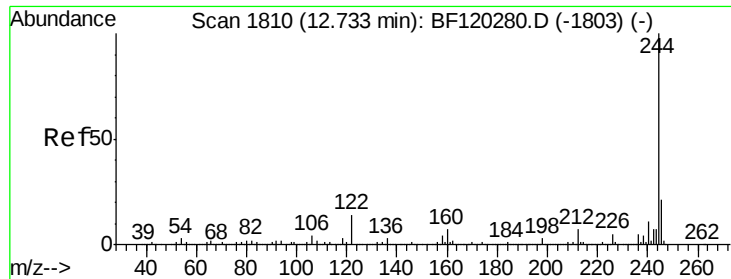
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.78 min Scan# 1988
 Delta R.T. -0.01 min
 Lab File: BF120302.D
 Acq: 14 May 2020 20:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.4	10.4	15.6
236	25.0	21.0	31.6



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

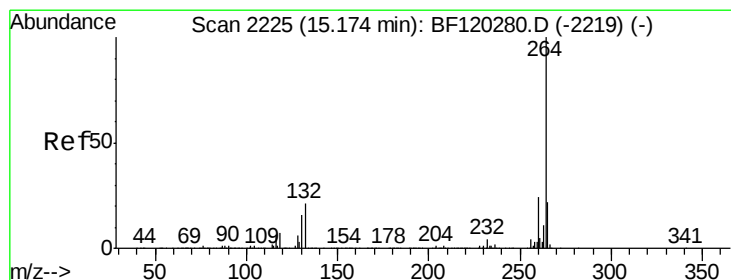
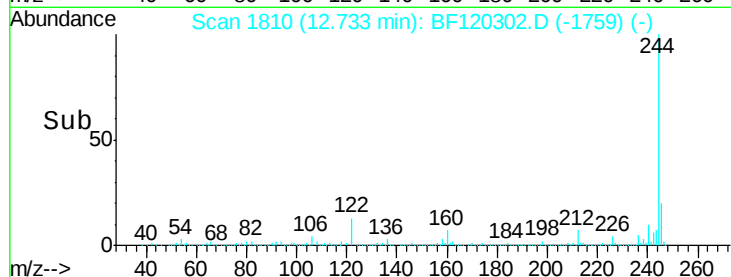
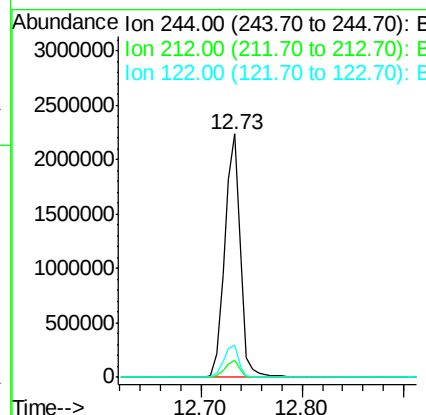
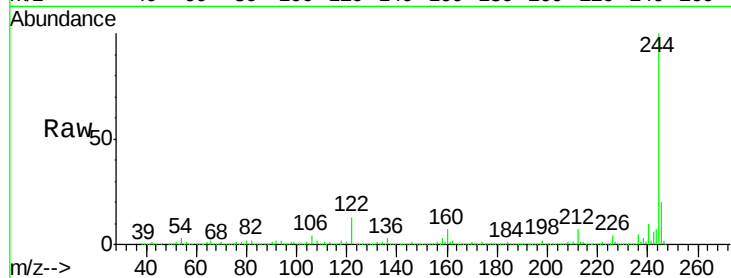




#79
 Terphenyl-d14
 Concen: 93.386 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: BF120302.D
 Acq: 14 May 2020 20:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 2370382
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 13.1 10.8 16.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.17 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF120302.D
 Acq: 14 May 2020 20:33

Tgt Ion:264 Resp: 571240
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 22.0 17.5 26.3

